

# Product Summary: 2002

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## 2002 Economic Census

*Manufacturing*

Subject Series



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-- Not applicable for this report.

**Table 1. Products Statistics: 2002 and 1997**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311111	Dog and cat food manufacturing .....	2002.. N	X	X	9 803 947
		1997.. N	X	X	8 183 172
3111111	Dog food .....	2002.. N	X	X	5 993 540
		1997.. N	X	X	5 213 728
31111111	Canned dog food .....	2002.. N	X	X	1 344 280
		1997.. N	X	X	1 155 943
3111111111	Canned dog food, ration-type .....	mil lb. 2002.. 13	X	P279.8	106 089
		1997.. 11	X	217.3	77 672
3111111121	Canned dog food, other types .....	mil lb. 2002.. 17	X	S	1 238 191
		1997.. 11	X	2 175.7	1 078 271
31111112	Dry and semi moist dog food, shipped in packages less than 25 lb .....	2002.. N	X	X	2 001 968
		1997.. N	X	X	1 795 231
3111111231	Dry and semi moist dog food, shipped in packages less than 25 lb .....	mil lb. 2002.. 42	X	4 943.9	2 001 968
		1997.. 43	X	4 701.6	1 795 231
31111113	Dry and semi moist dog food, shipped in packages 25 lb or more .....	2002.. N	X	X	2 598 115
		1997.. N	X	X	2 200 345
3111111341	Dry and semi moist dog food, shipped in packages 25 lb or more .....	mil lb. 2002.. 52	X	P7 900.9	2 598 115
		1997.. 63	X	6 194.5	2 200 345
3111111Y	Dog food, nsk .....	2002.. N	X	X	49 177
		1997.. N	X	X	62 209
3111111YWV	Dog food, nsk .....	2002.. N	X	X	49 177
		1997.. N	X	X	62 209
3111114	Cat food .....	2002.. N	X	X	3 541 476
		1997.. N	X	X	2 754 568
31111141	Canned cat food, fish-base .....	2002.. N	X	X	923 507
		1997.. N	X	X	580 191
3111114111	Canned cat food, fish-base .....	mil lb. 2002.. 9	X	1 382.3	923 507
		1997.. 7	X	1 024.9	580 191
31111142	Canned cat food, meat-base or other .....	2002.. N	X	X	1 035 820
		1997.. N	X	X	776 883
3111114221	Canned cat food, meat-base .....	mil lb. 2002.. 11	X	P1 170.8	636 152
		1997.. 11	X	P971.6	432 361
3111114231	Canned cat food, other (ration meat-base) .....	mil lb. 2002.. 8	X	743.4	399 668
		1997.. 5	X	720.8	344 522
31111143	Cat food, dry or semi moist .....	2002.. N	X	X	1 547 980
		1997.. N	X	X	1 352 833
3111114341	Cat food, dry .....	mil lb. 2002.. 36	X	D	D
		1997.. 35	X	D	D
3111114351	Cat food, semi moist .....	mil lb. 2002.. 4	X	D	D
		1997.. 6	X	D	D
3111114Y	Cat food, nsk .....	2002.. N	X	X	34 169
		1997.. N	X	X	44 661
3111114YWV	Cat food, nsk .....	2002.. N	X	X	34 169
		1997.. N	X	X	44 661
311111W	Dog and cat food manufacturing, nsk, total .....	2002.. N	X	X	268 931
		1997.. N	X	X	214 876
311111WY	Dog and cat food manufacturing, nsk, total .....	2002.. N	X	X	268 931
		1997.. N	X	X	214 876
311111WYWW	Dog and cat food manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	167 328
		1997.. N	X	X	95 001
311111WYWY	Dog and cat food, nsk manufacturing, for administrative-record establishments .....	2002.. N	X	X	101 603
		1997.. N	X	X	119 875
311119	Other animal food manufacturing .....	2002.. N	X	X	15 822 016
		1997.. N	X	X	17 657 795
3111191	Chicken and turkey feed, supplements, concentrates, and premixes .....	2002.. N	X	X	5 328 920
		1997.. N	X	X	8 088 049
31111911	Complete chicken feed, starter-growers and layer-breeders .....	2002.. N	X	X	1 516 629
		1997.. N	X	X	1 863 724
3111191111	Complete chicken feed, starter-growers .....	1,000 s tons. 2002.. 57	X	45 720.2	791 773
		1997.. 74	X	4 745.2	934 826
3111191121	Complete chicken feed, layer-breeders .....	1,000 s tons. 2002.. 79	X	45 444.5	724 856
		1997.. 84	X	4 948.9	928 898
31111912	Complete chicken feed, broilers .....	2002.. N	X	X	2 582 668
		1997.. N	X	X	3 915 465
3111191231	Complete chicken feed, broilers .....	1,000 s tons. 2002.. 38	X	P18 363.5	2 582 668
		1997.. 41	X	20 957.9	3 915 465
31111913	Turkey feed and chicken and turkey supplements, concentrates, and premixes .....	2002.. N	X	X	1 067 865
		1997.. N	X	X	1 851 816
3111191341	Turkey feed, complete .....	1,000 s tons. 2002.. 37	X	42 500.3	429 352
		1997.. 46	X	3 608.6	710 089
3111191351	Chicken feed supplements and concentrates, starter-growers .....	1,000 s tons. 2002.. 11	X	S	20 500
		1997.. 12	X	68.5	20 579
3111191361	Chicken feed supplements and concentrates, layer-breeders .....	1,000 s tons. 2002.. 13	X	S	44 833
		1997.. 20	X	D	D
3111191371	Chicken feed supplements and concentrates, broilers .....	1,000 s tons. 2002.. 5	X	S	414 923
		1997.. 8	X	D	D
3111191381	Turkey feed supplements and concentrates .....	1,000 s tons. 2002.. 6	X	S	65 357
		1997.. 8	X	D	111 896
3111191391	Chicken feed premixes (feed-base), starter-growers .....	1,000 s tons. 2002.. 6	X	D	D
		1997.. 17	X	S	60 132
31111913A1	Chicken feed premixes (feed-base), layer-breeders .....	1,000 s tons. 2002.. 8	X	21.2	5 422
		1997.. 3	X	S	5 438
31111913B1	Chicken feed premixes (feed-base), broilers .....	1,000 s tons. 2002.. 3	X	D	D
		1997.. 5	X	48.4	9 605
31111913C1	Turkey feed premixes (feed-base) .....	1,000 s tons. 2002.. 3	X	D	D
		1997.. 4	X	43.7	1 255

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311119	Other animal food manufacturing—Con.				
3111191	Chicken and turkey feed, supplements, concentrates, and premixes—Con.				
3111191Y	Chicken and turkey feed, supplements, concentrates, and premixes, nsk	2002.. N 1997.. N	X X	X X	161 758 457 044
3111191YWV	Chicken and turkey feed, supplements, concentrates, and premixes, nsk	2002.. N 1997.. N	X X	X X	161 758 457 044
3111194	Dairy cattle feed, complete	2002.. N 1997.. N	X X	X X	1 621 456 1 598 556
31111941	Dairy cattle feed, complete	2002.. N 1997.. N	X X	X X	1 621 456 1 598 556
3111194100	Dairy cattle feed, complete 1,000 s tons	2002.. 123 1997.. 143	X X	S P8 358.0	1 621 456 1 598 556
3111197	Dairy cattle feed supplements, concentrates, and premixes	2002.. N 1997.. N	X X	X X	973 643 905 155
31111971	Dairy cattle feed supplements, concentrates, and premixes	2002.. N 1997.. N	X X	X X	930 419 893 017
3111197111	Dairy cattle feed supplements and concentrates 1,000 s tons	2002.. 98 1997.. 102	X X	S 2 865.2	765 900 733 998
3111197121	Dairy cattle feed premixes (feed-base) 1,000 s tons	2002.. 40 1997.. 39	X X	S 308.8	164 519 159 019
3111197Y	Dairy cattle feed supplements, concentrates, and premixes, nsk	2002.. N 1997.. N	X X	X X	43 224 12 138
3111197YWV	Dairy cattle feed supplements, concentrates, and premixes, nsk	2002.. N 1997.. N	X X	X X	43 224 12 138
311119A	Swine feed, complete	2002.. N 1997.. N	X X	X X	533 191 581 813
311119A1	Swine feed, complete	2002.. N 1997.. N	X X	X X	533 191 581 813
311119A100	Swine feed, complete 1,000 s tons	2002.. 106 1997.. 124	X X	P3 122.9 3 052.1	533 191 581 813
311119D	Swine feed supplements, concentrates, and premixes	2002.. N 1997.. N	X X	X X	553 424 981 825
311119D1	Swine feed supplements and concentrates and premixes	2002.. N 1997.. N	X X	X X	514 930 970 527
311119D111	Swine feed supplements and concentrates 1,000 s tons	2002.. 54 1997.. 74	X X	S 1 778.0	348 225 696 412
311119D121	Swine feed premixes (feed-base) 1,000 s tons	2002.. 34 1997.. 53	X X	S 396.1	166 705 274 115
311119DY	Swine feed supplements, concentrates, and premixes, nsk	2002.. N 1997.. N	X X	X X	38 494 11 298
311119DYWV	Swine feed supplements, concentrates, and premixes, nsk	2002.. N 1997.. N	X X	X X	38 494 11 298
311119G	Beef cattle feed, complete	2002.. N 1997.. N	X X	X X	617 001 611 301
311119G1	Beef cattle feed, complete	2002.. N 1997.. N	X X	X X	617 001 611 301
311119G100	Beef cattle feed, complete 1,000 s tons	2002.. 112 1997.. 122	X X	S P3 675.6	617 001 611 301
311119J	Beef cattle feed supplements, concentrates, and premixes	2002.. N 1997.. N	X X	X X	637 782 616 961
311119J1	Beef cattle feed supplements and concentrates and premixes	2002.. N 1997.. N	X X	X X	634 200 611 317
311119J111	Beef cattle feed supplements and concentrates 1,000 s tons	2002.. 82 1997.. 84	X X	S 2 224.3	561 185 523 749
311119J121	Beef cattle feed premixes (feed-base) 1,000 s tons	2002.. 27 1997.. 34	X X	S 280.2	73 015 87 568
311119JY	Beef cattle feed supplements, concentrates, and premixes, nsk	2002.. N 1997.. N	X X	X X	3 582 5 644
311119JYWV	Beef cattle feed supplements, concentrates, and premixes, nsk	2002.. N 1997.. N	X X	X X	3 582 5 644
311119M	Other poultry and livestock feed	2002.. N 1997.. N	X X	X X	810 973 674 341
311119M1	Other poultry and livestock feed	2002.. N 1997.. N	X X	X X	802 729 621 276
311119M111	Other poultry complete feed (duck, etc.) 1,000 s tons	2002.. 17 1997.. 16	X X	P286.8 P186.4	57 864 44 498
311119M121	Other poultry feed supplements and concentrates (duck, etc.) 1,000 s tons	2002.. 5 1997.. 5	X X	D D	D D
311119M131	Other poultry feed premixes (feed-base) (duck, etc.) 1,000 s tons	2002.. 2 1997.. 2	X X	P2.8 D	660 D
311119M141	Horse and mule complete feed 1,000 s tons	2002.. 85 1997.. 89	X X	S 1 262.1	433 973 296 698
311119M151	Other livestock (sheep, etc.) complete feed 1,000 s tons	2002.. 52 1997.. 44	X X	S 637.1	155 285 174 821
311119M161	Horse and mule feed supplements and concentrates 1,000 s tons	2002.. 27 1997.. 15	X X	S P56.1	24 399 16 956
311119M171	Other livestock (sheep, etc.) feed supplements and concentrates 1,000 s tons	2002.. 28 1997.. 25	X X	P79.5 P41.3	19 636 13 501
311119M181	Horse and mule feed premixes (feed-base) 1,000 s tons	2002.. 10 1997.. 8	X X	D S	D 4 261
311119M191	Other livestock (sheep, etc.) feed premixes (feed-base) 1,000 s tons	2002.. 10 1997.. 9	X X	S S	57 061 14 595
311119MY	Other poultry and livestock feed, nsk	2002.. N 1997.. N	X X	X X	8 244 53 065
311119MYWV	Other poultry and livestock feed, nsk	2002.. N	X	X	8 244

See footnotes at end of table.

**2 Product Summary**

**Manufacturing—Subject Series**

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311119	Other animal food manufacturing—Con.				
311119M	Other poultry and livestock feed—Con.				
311119MY	Other poultry and livestock feed, nsk—Con.				
311119MYWV	Other poultry and livestock feed, nsk—Con.				
	1997..	N	X	X	53 065
311119P	Other prepared animal feeds, including feeding materials and adjuncts .....	2002..	N	X	695 406
		1997..	N	X	651 735
311119P1	Other prepared animal feeds, including feeding materials and adjuncts .....	2002..	N	X	680 338
		1997..	N	X	648 972
311119P111	Grain animal feed, ground (including custom ground, rolled, pulverized, chopped, or crimped), excluding cornmeal .....	2002..	44	X	264 726
	1,000 sacks (cwt) .....	1997..	54	X	254 020
311119P121	Mineral mixture animal feed, including oyster shells prepared for feed use .....	2002..	36	X	169 931
	mil lb. ....	1997..	30	X	94 206
311119P131	Dehydrated alfalfa meal animal feed .....	2002..	22	X	47 531
	1,000 s tons. ....	1997..	22	X	37 621
311119P141	Sun cured and cubed alfalfa meal animal feed .....	2002..	8	X	13 444
	1,000 s tons. ....	1997..	8	X	13 061
311119P151	Other prepared animal feed .....	2002..	27	X	184 706
	1,000 s tons. ....	1997..	35	X	250 064
311119PY	Other prepared animal feeds, including feeding materials and adjuncts, nsk .....	2002..	N	X	15 068
		1997..	N	X	2 763
311119PYWV	Other prepared animal feeds, including feeding materials and adjuncts, nsk .....	2002..	N	X	15 068
		1997..	N	X	2 763
311119R	Specialty feeds .....	2002..	N	X	1 058 082
		1997..	N	X	N
311119R1	Specialty feed .....	2002..	N	X	1 014 720
		1997..	N	X	N
311119R121	Other specialty pet food, except dog and cat .....	2002..	16	X	169 275
	mil lb. ....	1997..	N	X	N
311119R131	Specialty laboratory (mouse, guinea pig, etc.) feed .....	2002..	8	X	20 360
	1,000 s tons. ....	1997..	N	X	N
311119R141	Specialty fur animal (mink, fox, etc.) feed .....	2002..	7	X	21 776
	1,000 s tons. ....	1997..	N	X	N
311119R151	Specialty bird (wild, tame, pigeon, game) feed .....	2002..	44	X	313 607
	1,000 s tons. ....	1997..	N	X	N
311119R161	Specialty rabbit feed .....	2002..	30	X	26 564
	1,000 s tons. ....	1997..	N	X	N
311119R171	Specialty fish feed .....	2002..	23	X	219 929
	1,000 s tons. ....	1997..	N	X	N
311119R181	Other specialty feed .....	2002..	33	X	243 209
	1,000 s tons. ....	1997..	N	X	N
311119RY	Specialty feeds, nsk .....	2002..	N	X	43 362
		1997..	N	X	N
311119RYWV	Specialty feeds, nsk .....	2002..	N	X	43 362
		1997..	N	X	N
311119W	Other animal food manufacturing, nsk, total .....	2002..	N	X	2 992 138
		1997..	N	X	2 075 189
311119WY	Other animal food manufacturing, nsk, total .....	2002..	N	X	2 992 138
		1997..	N	X	2 075 189
311119WYWW	Other animal food manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	2 594 941
		1997..	N	X	1 707 061
311119WYWY	Other animal food manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	397 197
		1997..	N	X	368 128
311211	Flour milling .....	2002..	N	X	6 699 652
		1997..	N	X	7 837 086
3112111	Wheat flour (except flour mixes), made in flour mills .....	2002..	N	X	4 289 540
		1997..	N	X	5 146 612
311211111	Commercial dollar exports, all white flour types, made in flour mills .....	2002..	N	X	49 851
		1997..	N	X	116 831
3112111111	Commercial dollar exports, all white flour types, made in flour mills .....	2002..	7	X	49 851
	1,000 sacks (cwt) .....	1997..	7	X	116 831
31121112	All other exports of white flour (including Public Law 480), made in flour mills .....	2002..	N	X	35 254
		1997..	N	X	D
3112111221	All other exports of white flour (including Public Law 480), made in flour mills .....	2002..	4	X	35 254
	1,000 sacks (cwt) .....	1997..	1	X	D
31121113	Bakers' and institutional white bread-type flours, domestic shipments in bulk cars or trucks, made in flour mills .....	2002..	N	X	1 652 734
		1997..	N	X	2 162 335
3112111331	Bakers' and institutional white bread-type flours, domestic shipments in bulk cars or trucks, made in flour mills .....	2002..	18	X	1 652 734
	1,000 sacks (cwt) .....	1997..	20	X	2 162 335
31121114	Bakers' and institutional white bread-type flours, domestic shipments in containers (including tote bins), made in flour mills .....	2002..	N	X	439 275
		1997..	N	X	D
3112111441	Bakers' and institutional white bread-type flours, domestic shipments in containers (including tote bins), made in flour mills .....	2002..	12	X	439 275
	1,000 sacks (cwt) .....	1997..	12	X	D
31121115	Bakers' and institutional soft wheat flour, domestic shipments, made in flour mills .....	2002..	N	X	515 191
		1997..	N	X	569 559
3112111551	Bakers' and institutional soft wheat flour, domestic shipments in bulk cars or trucks, made in flour mills .....	2002..	17	X	471 268
	1,000 sacks (cwt) .....	1997..	22	X	505 675

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				Quantity	Value (\$1,000)
311211	Flour milling—Con.				
3112111	Wheat flour (except flour mixes), made in flour mills—Con.				
31121115	Bakers' and institutional soft wheat flour, domestic shipments, made in flour mills—Con.				
3112111561	Bakers' and institutional soft wheat flour, domestic shipments in containers (including tote bins), made in flour mills..... 1,000 sacks (cwt) ..2002 ..	14	X	S	43 923
	..... 1997 ..	16	X	7 790.3	63 884
31121116	Family white flour (except self-rising), domestic shipments, made in flour mills .....2002 ..	N	X	X	533 492
	..... 1997 ..	N	X	X	914 641
3112111671	Family white flour (except self-rising), domestic shipments in containers less than 25 lb, made in flour mills ..... 1,000 sacks (cwt) ..2002 ..	14	X	S	455 149
	..... 1997 ..	20	X	36 003.5	812 492
3112111681	Family white flour (except self-rising), domestic shipments in containers 25 lb or more, made in flour mills ..... 1,000 sacks (cwt) ..2002 ..	17	X	P5 908.5	78 343
	..... 1997 ..	15	X	6 796.2	102 149
31121117	Self-rising family white flour, domestic shipments, made in flour mills .....2002 ..	N	X	X	494 897
	..... 1997 ..	N	X	X	327 902
3112111791	Self-rising family white flour, domestic shipments, made in flour mills ..... 1,000 sacks (cwt) ..2002 ..	14	X	S	96 689
	..... 1997 ..	17	X	1 898.3	178 279
31121117A1	White flour shipped to blenders or other processors for use in food products (mixes, refrigerated doughs, soups, etc.), domestic shipments, made in flour mills ..... 1,000 sacks (cwt) ..2002 ..	11	X	35 728.8	375 639
	..... 1997 ..	13	X	8 781.1	109 615
31121117B1	White flour shipped to blenders or other processors for use in nonfood products (pet food, industrial, etc.), domestic shipments, made in flour mills ..... 1,000 sacks (cwt) ..2002 ..	3	X	1 730.8	22 569
	..... 1997 ..	10	X	P4 284.7	40 008
31121118	Whole wheat, durum, semolina, bulgur, farina, and other wheat flour (except flour mixes), made in flour mills .....2002 ..	N	X	X	563 323
	..... 1997 ..	N	X	X	574 161
31121118C1	Whole wheat flour, made in flour mills <sup>1</sup> ..... 1,000 sacks (cwt) ..2002 ..	21	X	S	290 523
	..... 1997 ..	22	X	D	D
31121118D1	Durum flour and semolina, made in flour mills ..... 1,000 sacks (cwt) ..2002 ..	6	X	15 606.4	189 957
	..... 1997 ..	8	X	P24 197.1	342 893
31121118E1	Bulgur flour, made in flour mills ..... 1,000 sacks (cwt) ..2002 ..	4	X	P2 222.3	29 922
	..... 1997 ..	9	X	3 635.5	77 306
31121118F1	Other wheat flour (including farina), made in flour mills ..... 1,000 sacks (cwt) ..2002 ..	9	X	S	52 921
	..... 1997 ..	6	X	D	D
3112111Y	Wheat flour (except flour mixes), made in flour mills, nsk .....2002 ..	N	X	X	5 523
	..... 1997 ..	N	X	X	3 960
3112111YWV	Wheat flour (except flour mixes), made in flour mills, nsk .....2002 ..	N	X	X	5 523
	..... 1997 ..	N	X	X	3 960
3112114	Wheat mill products, except flour .....2002 ..	N	X	X	493 488
	..... 1997 ..	N	X	X	784 114
31121141	Wheat mill products (feed, wheat germ, wheat bran, etc.), except flour .....2002 ..	N	X	X	490 455
	..... 1997 ..	N	X	X	771 884
3112114111	Wheat mill feed <sup>1</sup> ..... 1,000 s tons ..2002 ..	35	X	P8 785.4	387 146
	..... 1997 ..	41	X	10 720.4	661 053
3112114121	Other wheat mill products (wheat germ, wheat bran, etc.), except flour and mill feed ..... 1,000 s tons ..2002 ..	21	X	974.2	103 309
	..... 1997 ..	30	X	P1 027.8	110 831
3112114Y	Wheat mill products, except flour, nsk .....2002 ..	N	X	X	3 033
	..... 1997 ..	N	X	X	12 230
3112114YWV	Wheat mill products, except flour, nsk .....2002 ..	N	X	X	3 033
	..... 1997 ..	N	X	X	12 230
3112117	Corn mill products .....2002 ..	N	X	X	941 757
	..... 1997 ..	N	X	X	903 232
31121171	Corn mill products .....2002 ..	N	X	X	927 838
	..... 1997 ..	N	X	X	898 412
3112117111	Whole cornmeal, for human consumption, made in corn mills ..... 1,000 sacks (cwt) ..2002 ..	18	X	Q4 162.0	64 111
	..... 1997 ..	14	X	4 273.7	51 171
3112117121	Degermed cornmeal, for human consumption, made in corn mills ..... 1,000 sacks (cwt) ..2002 ..	10	X	6 178.8	68 282
	..... 1997 ..	9	X	6 725.9	55 588
3112117131	Corn grits and hominy (except for brewers' use), for human consumption, made in corn mills ..... 1,000 sacks (cwt) ..2002 ..	11	X	15 568.6	158 833
	..... 1997 ..	12	X	13 504.6	188 561
3112117141	Corn grits and flakes for brewers' use, for human consumption, made in corn mills ..... 1,000 sacks (cwt) ..2002 ..	6	X	D	D
	..... 1997 ..	6	X	4 129.2	40 524
3112117151	Hominy feed, cornmeal, and other byproducts of dry corn milling, for animal feed ..... 1,000 s tons ..2002 ..	24	X	S	139 972
	..... 1997 ..	25	X	Q1 251.5	141 645
3112117161	Corn flour, made in corn mills ..... 1,000 sacks (cwt) ..2002 ..	9	X	16 210.7	299 632
	..... 1997 ..	10	X	S	241 121
3112117171	Other corn mill products, for human consumption ..... 1,000 sacks (cwt) ..2002 ..	14	X	S	138 819
	..... 1997 ..	15	X	D	D
3112117181	Other corn mill products, not for human consumption ..... 1,000 sacks (cwt) ..2002 ..	3	X	D	D
	..... 1997 ..	1	X	D	D
3112117Y	Corn mill products, nsk .....2002 ..	N	X	X	13 919
	..... 1997 ..	N	X	X	4 820
3112117YWV	Corn mill products, nsk .....2002 ..	N	X	X	13 919
	..... 1997 ..	N	X	X	4 820
311211A	Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills .....2002 ..	N	X	X	565 584
	..... 1997 ..	N	X	X	517 430
311211A1	Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills .....2002 ..	N	X	X	513 933
	..... 1997 ..	N	X	X	513 013
311211A111	Pancake and waffle mixes, made in flour mills ..... 1,000 sacks (cwt) ..2002 ..	11	X	S	98 881
	..... 1997 ..	12	X	S	81 512
311211A121	Cake mixes, including gingerbread, made in flour mills ..... 1,000 sacks (cwt) ..2002 ..	7	X	S	18 474

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311211	Flour milling—Con.				
311211A	Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills—Con.				
311211A1	Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills—Con.				
311211A121	Cake mixes, including gingerbread, made in flour mills—Con.				
311211A131	Biscuit mixes, made in flour mills . . . . . 1,000 sacks (cwt) . . . . . 1997 . . . . .	3	X	D	D
311211A141	Bread and bread-type roll mixes, made in flour mills . . . . . 1,000 sacks (cwt) . . . . . 1997 . . . . .	13	X	S	98 806
311211A151	Other prepared flour mixes (including cookie, piecrust, doughnut, and other sweet yeast goods mixes), made in flour mills . . . . . 1,000 sacks (cwt) . . . . . 1997 . . . . .	6	X	D	D
311211A161	Refrigerated doughs and batters (cookie, biscuit, bread and bread-type roll, pasta, pizza, coffeeecake, pancake, etc.), made in flour mills . . . . . mil lb. . . . . 2002 . . . . .	11	X	S	27 656
311211A171	Frozen doughs and batters (cookie, biscuit, bread and bread-type roll, pasta, pizza, coffeeecake, pancake, etc.), made in flour mills . . . . . mil lb. . . . . 2002 . . . . .	8	X	D	D
311211AY	Prepared flour mixes, ncluding refrigerated and frozen doughs and batters, made in flour mills, nsk . . . . . 2002 . . . . .	21	X	S	198 537
311211AYWV	Prepared flour mixes, ncluding refrigerated and frozen doughs and batters, made in flour mills, nsk . . . . . 1997 . . . . .	17	X	P7 472.8	166 815
311211B	Other grain mill products . . . . . 2002 . . . . .	4	X	P36.9	13 619
311211B1	Other grain mill products . . . . . 1997 . . . . .	8	X	S	17 422
311211B111	Rye, oat, buckwheat, and other flour, made in grain mills <sup>1</sup> . . . . . 1,000 sacks (cwt) . . . . . 2002 . . . . .	7	X	94.5	57 960
311211B121	Other mill feed (oats, rye, buckwheat, etc.), made in grain mills <sup>1</sup> . . . . . 1,000 sacks (cwt) . . . . . 2002 . . . . .	6	X	148.0	71 477
311211B131	Fruit flour, made in grain mills . . . . . 1,000 s tons . . . . . 2002 . . . . .	N	X	X	51 651
311211BY	Other grain mill products, nsk . . . . . 2002 . . . . .	N	X	X	4 417
311211BYWV	Other grain mill products, nsk . . . . . 1997 . . . . .	N	X	X	51 651
311211W	Flour milling, nsk, total . . . . . 2002 . . . . .	N	X	X	4 417
311211WY	Flour milling, nsk, total . . . . . 1997 . . . . .	N	X	X	238 252
311211WYWW	Flour milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	N
311211WYWY	Flour milling, nsk, for administrative-record establishments . . . . . 2002 . . . . .	N	X	X	221 433
311212	Rice milling . . . . . 2002 . . . . .	N	X	X	N
3112120	Rice milling . . . . . 1997 . . . . .	18	X	S	138 305
31121201	Head rice not packaged with other ingredients, packed in bags of 100 lb or more . . . . . 2002 . . . . .	N	X	N	N
3112120111	Head rice not packaged with other ingredients, packed in bags of 100 lb or more . . . . . mil lb. . . . . 2002 . . . . .	10	X	S	83 128
31121202	Head rice not packaged with other ingredients, packed in containers of 3 lb or less . . . . . 2002 . . . . .	N	X	N	N
3112120221	Head rice not packaged with other ingredients, packed in containers of 3 lb or less . . . . . mil lb. . . . . 2002 . . . . .	—	X	—	—
31121203	Head rice not packaged with other ingredients, packed in all other containers . . . . . 2002 . . . . .	N	X	X	16 819
3112120331	Head rice not packaged with other ingredients, packed in all other containers . . . . . mil lb. . . . . 2002 . . . . .	N	X	X	N
31121204	Milled rice (including second heads, screenings, brewers, bran, sharps, rice flour, residues, and byproducts) . . . . . 2002 . . . . .	10	X	X	16 819
3112120441	Milled rice second heads . . . . . mil lb. . . . . 2002 . . . . .	N	X	X	N
3112120451	Milled rice screenings and brewers' rice . . . . . mil lb. . . . . 2002 . . . . .	N	X	X	16 819
3112120461	Milled rice bran . . . . . mil lb. . . . . 2002 . . . . .	N	X	X	N
3112120471	Milled rice sharps and other residues and byproducts . . . . . mil lb. . . . . 2002 . . . . .	N	X	X	N
3112120481	All other milled rice, including rice flour . . . . . mil lb. . . . . 2002 . . . . .	N	X	X	N
31121205	Head rice packaged with other ingredients . . . . . 2002 . . . . .	N	X	X	171 031
3112120511	Head rice packaged with other ingredients . . . . . mil lb. . . . . 2002 . . . . .	N	X	X	288 702
3112120Y	Rice milling, nsk, total . . . . . 1997 . . . . .	N	X	X	171 031
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	288 702
3112120YWY	Rice milling, nsk, for administrative-record establishments . . . . . 2002 . . . . .	N	X	X	32 874
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	18 188
3112120YWW	Rice milling, nsk, for administrative-record establishments . . . . . 2002 . . . . .	N	X	X	138 157
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	270 534
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	1 664 652
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	2 147 313
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	1 664 652
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	2 147 313
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	498 277
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	621 627
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	23	X	S	498 277
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	27	X	5 913.0	621 627
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	210 627
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	308 360
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	13	X	518.9	210 627
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	12	X	S	308 360
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	558 343
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	798 262
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	23	X	P3 459.2	558 343
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	22	X	4 006.9	798 262
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	D
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	374 075
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	10	X	P462.9	40 066
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	14	X	S	71 579
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	16	X	S	24 040
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	18	X	S	52 710
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	19	X	S	24 819
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	18	X	S	43 808
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	11	X	D	D
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	13	X	S	14 849
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	13	X	P1 746.1	174 344
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	15	X	S	191 129
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	D
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	N
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	1	X	D	D
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	N	N
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	83 310
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	44 989
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	16 966

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311212	Rice milling—Con.				
3112120	Rice milling—Con.				
3112120Y	Rice milling, nsk, total—Con.				
3112120YWW	Rice milling, nsk, for nonadministrative-record establishments—Con.				
		1997..	N	X	S
		2002..	N	X	66 344
		1997..	N	X	52 035
3112120YWW	Rice milling, nsk, for administrative-record establishments.....	2002..	N	X	494 011
		1997..	N	X	770 420
311213	Malt manufacturing .....	2002..	N	X	494 011
		1997..	N	X	770 420
3112130	Malt .....	2002..	N	X	494 011
		1997..	N	X	770 420
31121301	Malt .....	2002..	N	X	490 674
		1997..	N	X	770 420
3112130100	Malt, including barley, rye, wheat, corn, rice, malt sprouts, and malt byproducts (screenings, chaff, skimmings, etc.)..... mil lb.	2002..	14	X	S 490 674
		1997..	19	X	P6 294.0 770 420
3112130Y	Malt, nsk, total.....	2002..	N	X	3 337
		1997..	N	X	—
3112130YWW	Malt, nsk, for nonadministrative-record establishments.....	2002..	N	X	—
		1997..	N	X	—
3112130YWW	Malt, nsk, for administrative-record establishments.....	2002..	N	X	3 337
		1997..	N	X	—
311221	Wet corn milling .....	2002..	N	X	6 561 491
		1997..	N	X	7 188 399
3112211	Corn sweeteners .....	2002..	N	X	3 106 601
		1997..	N	X	3 056 213
31122111	Glucose (corn) syrup sweeteners and solids.....	2002..	N	X	704 992
		1997..	N	X	686 304
3112211111	Glucose (corn) syrup sweeteners, type I (20 up to 38 dextrose equivalent)..... mil lb.	2002..	8	X	P1 480.0 153 828
		1997..	5	X	P1 677.2 127 554
3112211121	Glucose (corn) syrup sweeteners, type II (38 up to 58 dextrose equivalent)..... mil lb.	2002..	6	X	S 251 008
		1997..	6	X	S 271 488
3112211131	Glucose (corn) syrup sweeteners, type III and IV (58 and over dextrose equivalent)..... mil lb.	2002..	5	X	2 325.0 180 882
		1997..	5	X	S 167 063
3112211141	Glucose (corn) syrup solids (dried glucose syrup) and maltodextrins less than 20 dextrose equivalent..... mil lb.	2002..	5	X	S 119 274
		1997..	4	X	P495.3 120 199
31122112	Corn syrup sweeteners, dextrose monohydrate and dextrose anhydrous sweeteners.....	2002..	N	X	907 679
		1997..	N	X	935 729
3112211251	Dextrose monohydrate and dextrose anhydrous sweeteners..... mil lb.	2002..	5	X	3 260.0 302 526
		1997..	5	X	D D
3112211261	High fructose corn syrup (HFCS) sweeteners, (20 up to 50 percent fructose)..... mil lb.	2002..	6	X	7 668.0 605 153
		1997..	8	X	D D
31122113	High fructose corn syrup (HFCS) sweeteners, 50 percent or more fructose, including crystalline fructose (adjusted to a liquid equivalent, 77 percent solids basis).....	2002..	N	X	X 1 493 025
		1997..	N	X	X 1 360 705
3112211371	High fructose corn syrup (HFCS) sweeteners, 50 percent or more fructose, including crystalline fructose (adjusted to a liquid equivalent, 77 percent solids basis)..... mil lb.	2002..	8	X	S 1 493 025
		1997..	9	X	15 698.1 1 360 705
3112211Y	Corn sweeteners, nsk.....	2002..	N	X	X 905
		1997..	N	X	X 73 475
3112211YWW	Corn sweeteners, nsk.....	2002..	N	X	X 905
		1997..	N	X	X 73 475
3112214	Manufactured starch .....	2002..	N	X	X 1 696 085
		1997..	N	X	X 1 526 122
31122141	Modified corn (including sorghum) starch and dextrin.....	2002..	N	X	X 977 155
		1997..	N	X	X 1 010 001
3112214111	Modified corn (including sorghum) starch and dextrin..... mil lb.	2002..	13	X	S 977 155
		1997..	12	X	4 796.0 1 010 001
31122142	Not modified corn (including sorghum) starch and dextrin.....	2002..	N	X	X 598 777
		1997..	N	X	X 367 620
3112214221	Not modified corn (including sorghum) starch and dextrin..... mil lb.	2002..	6	X	S 598 777
		1997..	11	X	Q3 002.0 367 620
31122143	Other starch and dextrin, modified and not modified (potato, rice, wheat, etc.).....	2002..	N	X	X 113 360
		1997..	N	X	X 129 083
3112214331	Other starch and dextrin, modified and not modified (potato, rice, wheat, etc.)..... mil lb.	2002..	10	X	460.1 113 360
		1997..	11	X	S 129 083
3112214Y	Manufactured starch, nsk.....	2002..	N	X	X 6 793
		1997..	N	X	X 19 418
3112214YWW	Manufactured starch, nsk.....	2002..	N	X	X 6 793
		1997..	N	X	X 19 418
3112218	Corn oil.....	2002..	N	X	X 347 827
		1997..	N	X	X N
31122181	Corn oil.....	2002..	N	X	X 347 827
		1997..	N	X	X N
3112218111	Crude corn oil <sup>2</sup> ..... mil lb.	2002..	8	X	D D
		1997..	N	X	N N
3112218121	Once-refined corn oil, after alkali or caustic wash, but before deodorizing or use in end products, made from oilseeds crushed in the same establishment <sup>3</sup> ..... mil lb.	2002..	2	X	D D
		1997..	N	X	N N
3112218131	Fully-refined corn oil, including margarine oil, made from seeds crushed in the same establishment <sup>3</sup> ..... mil lb.	2002..	2	X	D D
		1997..	N	X	N N
3112218Y	Corn oil, nsk.....	2002..	N	X	X —

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311221	Wet corn milling—Con.				
3112218	Corn oil—Con.				
3112218Y	Corn oil, nsk—Con.				
3112218YWV	Corn oil, nsk	1997.. N	X	X	N
		2002.. N	X	X	-
		1997.. N	X	X	N
311221A	Wet process corn byproducts	2002.. N	X	X	1 266 354
		1997.. N	X	X	1 585 020
311221A1	Wet process corn gluten feed	2002.. N	X	X	495 553
		1997.. N	X	X	634 976
311221A111	Wet process corn gluten feed	2002.. 9	X	9 <sup>17</sup> 645.5	495 553
		1997.. 10	X	P <sup>11</sup> 602.3	634 976
311221A2	Wet process gluten meal and other byproducts	2002.. N	X	X	707 056
		1997.. N	X	X	840 254
311221A221	Wet process corn gluten meal	2002.. 9	X	P <sup>3</sup> 400.0	377 486
		1997.. 11	X	9 <sup>2</sup> 891.5	486 087
311221A231	Wet process gluten (except corn), including wheat, rice, potato, etc.	2002.. 5	X	P <sup>96.7</sup>	54 106
		1997.. 6	X	P <sup>118.1</sup>	85 753
311221A241	Other wet process corn byproducts, including steepwater concentrate (50 percent solids basis)	2002.. 11	X	3 541.8	275 464
		1997.. 10	X	P <sup>3</sup> 842.8	268 414
311221AY	Wet process corn byproducts, nsk	2002.. N	X	X	63 745
		1997.. N	X	X	109 790
311221AYWV	Wet process corn byproducts, nsk	2002.. N	X	X	63 745
		1997.. N	X	X	109 790
311221W	Wet corn milling, nsk, total	2002.. N	X	X	144 624
		1997.. N	X	X	40 650
311221WY	Wet corn milling, nsk, total	2002.. N	X	X	144 624
		1997.. N	X	X	40 650
311221WYWW	Wet corn milling, nsk, for nonadministrative-record establishments	2002.. N	X	X	135 162
		1997.. N	X	X	19 213
311221WYWY	Wet corn milling, nsk, for administrative-record establishments	2002.. N	X	X	9 462
		1997.. N	X	X	21 437
311222	Soybean processing	2002.. N	X	X	10 833 935
		1997.. N	X	X	12 038 811
3112221	Soybean oil	2002.. N	X	X	2 745 728
		1997.. N	X	X	3 161 878
31122211	Crude soybean oil, degummed	2002.. N	X	X	1 657 642
		1997.. N	X	X	2 152 186
3112221111	Crude soybean oil, degummed <sup>2</sup>	2002.. 15	18 912.8	S	1 657 642
		1997.. 10	9 440.6	9 484.9	2 152 186
31122212	Soybean oil, all other types	2002.. N	X	X	1 088 086
		1997.. N	X	X	1 009 692
3112221221	Crude soybean oil, not degummed <sup>3</sup>	2002.. 6	X	5 122.2	803 143
		1997.. 8	3 229.8	3 258.5	748 557
3112221231	Soybean oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products) <sup>3</sup>	2002.. 8	4 172.8	D	D
		1997.. 9	S	S	S
3112221241	Soybean oil processed for inedible purposes (acid refined, etc.)	2002.. 2	X	D	D
		1997.. 5	X	35.8	8 433
3112221Y	Soybean oil, nsk	2002.. N	X	X	-
		1997.. N	X	X	-
3112221YWV	Soybean oil, nsk	2002.. N	X	X	-
		1997.. N	X	X	-
3112224	Soybean cake, meal, and other byproducts	2002.. N	X	X	7 955 369
		1997.. N	X	X	8 824 896
31122241	Soybean cake and meal	2002.. N	X	X	7 236 684
		1997.. N	X	X	8 193 437
3112224111	Soybean cake and meal <sup>2</sup>	2002.. 20	39 586.6	S	7 236 684
		1997.. 20	31 600.1	32 226.9	8 193 437
31122242	Other soybean products, including isolates and concentrates	2002.. N	X	X	715 972
		1997.. N	X	X	631 459
3112224221	Soy flour and grits	2002.. 9	X	S	133 471
		1997.. 4	X	D	D
3112224231	Soybean lecithin <sup>2</sup>	2002.. 8	713.0	S	73 610
		1997.. 9	D	D	D
3112224241	Soybean millfeed (hullmeal) <sup>2</sup>	2002.. 9	2 957.5	S	191 210
		1997.. 15	3 014.8	3 020.6	166 325
3112224261	Other soybean products, including isolates and concentrates	2002.. 20	X	P <sup>412.0</sup>	317 681
		1997.. 11	X	427.7	261 520
3112224Y	Soybean cake, meal, and other byproducts, nsk	2002.. N	X	X	2 713
		1997.. N	X	X	-
3112224YWV	Soybean cake, meal, and other byproducts, nsk	2002.. N	X	X	2 713
		1997.. N	X	X	-
311222W	Soybean processing, nsk, total	2002.. N	X	X	132 838
		1997.. N	X	X	52 037
311222WY	Soybean processing, nsk, total	2002.. N	X	X	132 838
		1997.. N	X	X	52 037
311222WYWW	Soybean processing, nsk, for nonadministrative-record establishments	2002.. N	X	X	9 203
		1997.. N	X	X	180
311222WYWY	Soybean processing, nsk, for administrative-record establishments	2002.. N	X	X	123 635
		1997.. N	X	X	51 857
311223	Other oilseed processing	2002.. N	X	X	1 309 321
		1997.. N	X	X	1 669 775
3112231	Crude cottonseed oil	2002.. N	X	X	104 458
		1997.. N	X	X	100 668

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311223	Other oilseed processing—Con.				
3112231	Crude cottonseed oil—Con.				
31122311	Crude cottonseed oil .....	2002.. N	X	X	104 458
		1997.. N	X	X	100 668
3112231100	Crude cottonseed oil .....	2002.. 7	821.8	804.0	104 458
		1997.. 7	439.5	407.8	100 668
3112234	Cottonseed oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products) .....	2002.. N	X	X	165 746
		1997.. N	X	X	165 630
31122341	Cottonseed oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products) .....	2002.. N	X	X	165 746
		1997.. N	X	X	165 630
3112234100	Cottonseed oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products) <sup>3</sup> .....	2002.. 12	613.0	S	165 746
		1997.. 14	652.7	654.4	165 630
3112237	Cotton linters .....	2002.. N	X	X	D
		1997.. N	X	X	82 913
31122371	Cotton linters .....	2002.. N	X	X	D
		1997.. N	X	X	82 913
3112237100	Cotton linters <sup>2</sup> .....	2002.. 10	426.4	D	D
		1997.. 14	721.0	718.1	82 913
311223A	Cottonseed cake and meal and other byproducts .....	2002.. N	X	X	286 330
		1997.. N	X	X	380 893
311223A1	Cottonseed cake and meal .....	2002.. N	X	X	231 229
		1997.. N	X	X	317 064
311223A111	Cottonseed cake and meal <sup>2</sup> .....	2002.. 9	1 231.4	P1 382.6	231 229
		1997.. 15	1 858.0	1 880.3	317 064
311223A2	Cottonseed hulls and other byproducts .....	2002.. N	X	X	55 101
		1997.. N	X	X	63 829
311223A221	Cottonseed hulls <sup>2</sup> .....	2002.. 10	705.2	D	D
		1997.. 15	P977.1	P981.6	60 615
311223A231	Other cottonseed byproducts .....	2002.. 2	X	D	D
		1997.. 3	X	S	3 214
311223AY	Cottonseed cake and meal and other byproducts, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
311223AYWV	Cottonseed cake and meal and other byproducts, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
311223D	Linseed oil .....	2002.. N	X	X	D
		1997.. N	X	X	110 134
311223D1	Linseed oil .....	2002.. N	X	X	D
		1997.. N	X	X	D
311223D111	Linseed oil, crude <sup>2</sup> .....	2002.. 3	X	D	D
		1997.. 5	X	D	D
311223D121	Linseed oil, processed (refined, blown, heat treated, or chemically modified) <sup>3</sup> .....	2002.. —	—	—	—
		1997.. 2	D	D	D
311223DY	Linseed oil, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	4 545
311223DYWV	Linseed oil, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	4 545
311223G	Other vegetable oils .....	2002.. N	X	X	514 009
		1997.. N	X	X	595 875
311223G1	Other vegetable oils .....	2002.. N	X	X	514 009
		1997.. N	X	X	593 440
311223G111	Coconut oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products) <sup>3</sup> .....	2002.. 6	X	S	23 145
		1997.. 2	D	D	D
311223G121	Peanut oil, crude <sup>2</sup> .....	2002.. 6	X	S	206 179
		1997.. 7	141.2	162.4	78 581
311223G131	Peanut oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products) <sup>3</sup> .....	2002.. 2	X	D	D
		1997.. 1	D	D	D
311223G141	Sunflower seed oil, crude <sup>2</sup> .....	2002.. 3	X	D	D
		1997.. 2	D	D	D
311223G151	Sunflower seed oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products) <sup>3</sup> .....	2002.. 2	X	D	D
		1997.. 2	D	D	D
311223G161	Other crude vegetable oils (safflower, castor, tung, etc.) <sup>2</sup> .....	2002.. 5	X	D	D
		1997.. 5	D	D	D
311223G171	Palm oil, once-refined (after alkali or caustic wash but before deodorizing) <sup>3</sup> .....	2002.. 3	X	78.1	26 416
		1997.. —	—	—	—
311223G181	Other vegetable oils (safflower, castor, tung, etc.), once-refined <sup>3</sup> .....	2002.. 2	X	D	D
		1997.. 6	266.9	277.6	101 432
311223G191	Other vegetable oils processed for inedible purposes (tung oil, dehydrated castor oil, etc.) .....	2002.. 1	X	D	D
		1997.. 4	X	D	D
311223GY	Other vegetable oils, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	2 435
311223GYWV	Other vegetable oils, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	2 435
311223J	Other vegetable oil mill products .....	2002.. N	X	X	137 114
		1997.. N	X	X	D
311223J1	Other vegetable oil mill products .....	2002.. N	X	X	137 114
		1997.. N	X	X	D
311223J111	Linseed cake and meal <sup>2</sup> .....	2002.. 3	X	D	D
		1997.. 4	X	D	D
311223J121	Peanut cake and meal <sup>2</sup> .....	2002.. 3	X	D	D
		1997.. 3	D	D	D
311223J131	Sunflower seed cake and meal <sup>2</sup> .....	2002.. 5	X	S	14 098
		1997.. 3	D	D	28 410
311223J141	Other oil seed cake and meal <sup>2</sup> .....	2002.. 3	X	D	D
		1997.. 4	D	D	D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311223	Other oilseed processing—Con.				
311223J	Other vegetable oil mill products—Con.				
311223JY	Other vegetable oil mill products, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
311223JYWV	Other vegetable oil mill products, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
311223W	Other oilseed processing, nsk, total .....	2002.. N	X	X	2 619
		1997.. N	X	X	42 225
311223WY	Other oilseed processing, nsk, total .....	2002.. N	X	X	2 619
		1997.. N	X	X	42 225
311223WYWW	Other oilseed processing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	643
		1997.. N	X	X	32 334
311223WYWY	Other oilseed processing, nsk, for administrative-record establishments .....	2002.. N	X	X	1 976
		1997.. N	X	X	9 891
311225	Fats and oils refining and blending .....	2002.. N	X	X	8 308 669
		1997.. N	X	X	7 788 001
3112252	Shortening and cooking oils .....	2002.. N	X	X	6 721 460
		1997.. N	X	X	N
31122521	Baking or frying fats (shortening), 100 percent vegetable oil, edible .....	2002.. N	X	X	1 764 934
		1997.. N	X	X	N
3112252111	Baking or frying fats (shortening), 100 percent vegetable oil, edible <sup>3</sup> .....	mil lb. 2002.. 24	5 555.7	95 228.4	1 764 934
		1997.. N	N	N	N
31122522	Baking or frying fats (shortening), 100 percent animal fat or blends of vegetable oil and animal fat, edible .....	2002.. N	X	X	317 482
		1997.. N	X	X	N
3112252221	Baking or frying fats (shortening), 100 percent animal fat or blends of vegetable oil and animal fat, edible <sup>3</sup> .....	mil lb. 2002.. 16	1 376.9	P794.0	317 482
		1997.. N	N	N	N
31122523	Hydrogenated oils (for confectionery fats, mellorine fats, whipped topping, etc.), except baking or frying fats, edible .....	2002.. N	X	X	150 986
		1997.. N	X	X	N
3112252331	Hydrogenated oils (for confectionery fats, mellorine fats, whipped topping, etc.), except baking or frying fats, edible .....	mil lb. 2002.. 3	X	568.1	150 986
		1997.. N	X	N	N
31122524	Partially hydrogenated soybean cooking or salad oil, fully refined and deodorized at the same establishment, edible .....	2002.. N	X	X	1 753 146
		1997.. N	X	X	N
3112252441	Partially hydrogenated soybean cooking or salad oil, fully refined and deodorized at the same establishment, edible <sup>3</sup> .....	mil lb. 2002.. 10	7 365.0	P7 553.3	1 753 146
		1997.. N	N	N	N
31122525	All other fully refined shortening and cooking oils, edible .....	2002.. N	X	X	918 273
		1997.. N	X	X	N
3112252551	Other soybean cooking or salad oil, fully refined and deodorized at the same establishment, edible <sup>3</sup> .....	mil lb. 2002.. 5	D	S	204 368
		1997.. N	N	N	N
3112252561	Cottonseed cooking or salad oil, fully refined and deodorized at the same establishment, edible <sup>3</sup> .....	mil lb. 2002.. 5	348.3	382.1	89 306
		1997.. N	N	N	N
3112252571	Mixtures of vegetable cooking or salad oil, fully refined and deodorized at the same establishment, edible <sup>3</sup> .....	mil lb. 2002.. 3	X	P389.9	87 723
		1997.. N	X	N	N
3112252581	All other cooking or salad oil, fully refined and deodorized at the same establishment, edible <sup>3</sup> .....	mil lb. 2002.. 10	2 024.2	S	501 153
		1997.. N	N	N	N
3112252591	Vegetable oil winter stearin, edible .....	mil lb. 2002.. —	X	—	—
		1997.. N	X	N	N
31122525A1	Canola oil used for margarine, edible .....	mil lb. 2002.. 3	X	D	D
		1997.. N	X	N	N
31122525A5	Fully-refined corn oil, including margarine oil, made from purchased material <sup>3</sup> .....	mil lb. 2002.. 1	X	D	D
		1997.. N	X	N	N
31122525B1	Other oils used for margarine, edible .....	mil lb. 2002.. 3	X	D	D
		1997.. N	X	N	N
31122525C1	All other fully refined shortening and cooking oils, except corn, edible .....	mil lb. 2002.. 4	X	D	D
		1997.. N	X	N	N
31122527	Vegetable oil mills (processing purchased vegetable oils), except corn, cottonseed, and soybean .....	2002.. N	X	X	1 816 639
		1997.. N	X	X	N
3112252701	Cottonseed oil, once-refined, purchased and deodorized only .....	mil lb. 2002.. 7	X	S	91 813
		1997.. N	X	N	N
3112252706	Soybean oil, once-refined, purchased and deodorized only .....	mil lb. 2002.. 8	X	6 752.0	1 255 607
		1997.. N	X	N	N
3112252711	Palm oil, once-refined, purchased and deodorized only .....	mil lb. 2002.. 6	X	S	45 022
		1997.. N	X	N	N
3112252721	Coconut oil, once-refined, purchased and deodorized only .....	mil lb. 2002.. 6	X	D	D
		1997.. N	X	N	N
3112252731	Peanut oil, once-refined, purchased and deodorized only .....	mil lb. 2002.. 8	X	S	41 589
		1997.. N	X	N	N
3112252741	Sunflower oil, once-refined, purchased and deodorized only .....	mil lb. 2002.. 3	X	D	D
		1997.. N	X	N	N
3112252751	Other oils, once-refined .....	mil lb. 2002.. 8	X	300.4	108 502
		1997.. N	X	N	N
3112252761	Once-refined corn oil, purchased and deodorized only .....	mil lb. 2002.. 6	X	732.2	215 058
		1997.. N	X	N	N
3112252Y	Shortening and cooking oils, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
3112252YWV	Shortening and cooking oils, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311225	Fats and oils refining and blending—Con.				
3112254	Margarine, butter blends, and butter substitutes	2002.. N	X	X	1 321 386
		1997.. N	X	X	1 360 132
31122541	Margarine, butter blends, and butter substitutes	2002.. N	X	X	1 321 386
		1997.. N	X	X	1 360 132
3112254100	Margarine, butter blends, and butter substitutes <sup>3</sup>	2002.. 26	3 059.9	S	1 321 386
		1997.. 25	P3 075.6	P3 106.1	1 360 132
311225W	Fats and oils refining and blending, nsk, total	2002.. N	X	X	265 823
		1997.. N	X	X	261 041
311225WY	Fats and oils refining and blending, nsk, total	2002.. N	X	X	265 823
		1997.. N	X	X	261 041
311225WYWW	Fats and oils refining and blending, nsk, for nonadministrative-record establishments	2002.. N	X	X	204 917
		1997.. N	X	X	158 670
311225WYWY	Fats and oils refining and blending, nsk, for administrative-record establishments	2002.. N	X	X	60 906
		1997.. N	X	X	102 371
311230	Breakfast cereal manufacturing	2002.. N	X	X	7 832 992
		1997.. N	X	X	7 446 787
3112301	Ready-to-serve breakfast cereal foods (except infant cereals)	2002.. N	X	X	7 102 823
		1997.. N	X	X	6 729 803
31123011	Ready to serve corn flakes and other corn breakfast foods (except infant cereals)	2002.. N	X	X	2 156 026
		1997.. N	X	X	2 026 594
3112301111	Ready-to-serve corn flakes and other corn breakfast foods (except infant cereals), with fruits and/or nuts	2002.. 6	X	S	264 236
		1997.. 7	X	D	D
3112301121	Ready-to-serve corn flakes and other corn breakfast foods (except infant cereals), without fruits or nuts	2002.. 16	X	P774.7	1 891 790
		1997.. 16	X	D	D
31123012	Ready to serve wheat flakes and other wheat breakfast foods (except infant cereals)	2002.. N	X	X	1 296 023
		1997.. N	X	X	1 253 313
3112301231	Ready-to-serve wheat flakes and other wheat breakfast foods (except infant cereals), with fruits and/or nuts	2002.. 8	X	276.4	493 152
		1997.. 7	X	P258.8	463 675
3112301241	Ready-to-serve wheat flakes and other wheat breakfast foods (except infant cereals), without fruits or nuts	2002.. 11	X	4418.1	802 871
		1997.. 12	X	405.0	789 638
31123013	Ready to serve oat breakfast foods (except infant cereals)	2002.. N	X	X	D
		1997.. N	X	X	1 274 297
3112301351	Ready-to-serve oat breakfast foods (except infant cereals), with fruits and/or nuts	2002.. 5	X	D	D
		1997.. 5	X	S	62 834
3112301361	Ready-to-serve oat breakfast foods (except infant cereals), without fruits and/or nuts	2002.. 8	X	D	D
		1997.. 10	X	526.5	1 211 463
31123014	Ready to serve rice breakfast foods (except infant cereals)	2002.. N	X	X	D
		1997.. N	X	X	789 536
3112301471	Ready-to-serve rice breakfast foods (except infant cereals), with fruits and/or nuts	2002.. 2	X	D	D
		1997.. 1	X	D	D
3112301481	Ready to serve rice breakfast foods (except infant cereals), without fruits of nuts	2002.. 13	X	D	D
		1997.. 10	X	D	D
31123015	Ready-to-serve breakfast preparations of other grains and mixed grains (except infant cereals)	2002.. N	X	X	D
		1997.. N	X	X	1 318 742
3112301591	Ready-to-serve breakfast preparations of other grains and mixed grains (except infant cereals), with fruits and/or nuts	2002.. 7	X	158.5	245 767
		1997.. 6	X	D	D
31123015A1	Ready-to-serve breakfast preparations of other grains and mixed grains (except infant cereals), without fruits or nuts	2002.. 13	X	D	D
		1997.. 10	X	D	D
3112301Y	Ready-to-serve breakfast cereal foods (except infant cereals), nsk	2002.. N	X	X	49 808
		1997.. N	X	X	67 321
3112301YVW	Ready-to-serve breakfast cereal foods (except infant cereals), nsk	2002.. N	X	X	49 808
		1997.. N	X	X	67 321
3112304	Other breakfast cereal foods	2002.. N	X	X	621 930
		1997.. N	X	X	690 561
31123041	Other breakfast cereal foods	2002.. N	X	X	621 930
		1997.. N	X	X	688 549
3112304111	Infants' cereals, all types	2002.. 7	X	D	D
		1997.. 2	X	D	D
3112304121	Instant hot cereals, all types of grains (mix with hot water and eat type)	2002.. 5	X	S	326 888
		1997.. 6	X	39.0	384 915
3112304131	Farina and other wheat foods intended to be cooked before serving, except instant and infants' cereals	2002.. 7	X	S	84 510
		1997.. 5	X	D	D
3112304141	Rolled oats and oatmeal intended to be cooked before serving, except instant and infants' cereals	2002.. 8	X	140.3	99 599
		1997.. 10	X	S	92 411
3112304151	Cereal preparations of other grains and mixed grains intended to be cooked before serving, except instant and infants' cereals	2002.. 3	X	D	D
		1997.. 4	X	3.6	36 065
3112304Y	Other breakfast cereal foods, nsk	2002.. N	X	X	—
		1997.. N	X	X	2 012
3112304YVW	Other breakfast cereal foods, nsk	2002.. N	X	X	—
		1997.. N	X	X	2 012
311230W	Breakfast cereal manufacturing, nsk, total	2002.. N	X	X	108 239
		1997.. N	X	X	26 423
311230WY	Breakfast cereal manufacturing, nsk, total	2002.. N	X	X	108 239

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311230	Breakfast cereal manufacturing—Con.				
311230W	Breakfast cereal manufacturing, nsk, total—Con.				
311230WY	Breakfast cereal manufacturing, nsk, total—Con.				
311230WYWW	Breakfast cereal manufacturing, nsk, for nonadministrative-record establishments	1997.. N 2002.. N 1997.. N	X X X	X X X	26 423 73 251 8 564
311230WYWY	Breakfast cereal manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	34 988 17 859
311311	Sugarcane mills	2002.. N 1997.. N	X X	X X	1 663 551 1 449 749
3113110	Raw cane sugar	2002.. N 1997.. N	X X	X X	1 663 551 1 449 749
31131101	Raw cane sugar	2002.. N 1997.. N	X X	X X	1 515 783 1 315 716
3113110111	Raw cane sugar, 1,000 s tons	2002.. 19 1997.. 26	X X	S X	1 515 783 1 315 716
31131102	Sugar cane mill products and by-products, except raw cane sugar	2002.. N 1997.. N	X X	X X	75 179 106 428
3113110221	Sugarcane molasses, syrup, and blackstrap (except refiners' blackstrap), 1,000 s tons	2002.. 20 1997.. 31	X X	D X	D 76 259
3113110231	All other sugarcane mill products and by-products without further processing, 1,000 s tons	2002.. 3 1997.. 8	X X	D S	D 30 169
3113110Y	Raw cane sugar, nsk, total	2002.. N 1997.. N	X X	X X	72 589 27 605
3113110YWW	Raw cane sugar, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	72 589 27 605
3113110YWY	Raw cane sugar, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	— —
311312	Cane sugar refining	2002.. N 1997.. N	X X	X X	2 656 775 3 186 963
3113120	Refined granulated cane sugar and by-products	2002.. N 1997.. N	X X	X X	2 656 775 3 186 963
31131201	Refined cane sugar, cube and tablet, shipped in small individual packets	2002.. N 1997.. N	X X	X X	D D
3113120111	Refined cane sugar, cube and tablet, shipped in small individual packets, 1,000 s tons	2002.. 4 1997.. 3	X X	D D	D D
31131202	Refined cane sugar, including cube and tablet, shipped in consumer units 25 lbs or less	2002.. N 1997.. N	X X	X X	779 203 948 492
3113120221	Refined cane sugar, including cube and tablet, shipped in consumer units 25 lbs or less, 1,000 s tons	2002.. 6 1997.. 6	X X	S X	779 203 948 492
31131203	Refined granulated cane sugar, including cube and tablet sugar, shipped in commercial units (bags and other containers greater than 25 lb)	2002.. N 1997.. N	X X	X X	304 619 707 607
3113120331	Refined granulated cane sugar, including cube and tablet sugar, shipped in commercial units (bags and other containers more than 25 lb), 1,000 s tons	2002.. 4 1997.. 4	X X	S X	304 619 707 607
31131204	Refined granulated cane sugar, including cube and tablet sugar, shipped in bulk (rail cars, trucks, or bins)	2002.. N 1997.. N	X X	X X	429 653 D
3113120441	Refined granulated cane sugar, including cube and tablet sugar, shipped in bulk (rail cars, trucks, or bins), 1,000 s tons	2002.. 4 1997.. 6	X X	S D	429 653 D
31131205	other cane sugar refining products and byproducts	2002.. N 1997.. N	X X	X X	D 570 446
3113120551	Refined confectioners' powdered cane sugar, shipped in consumer units (containers 10 lb or less)	2002.. 2 1997.. 5	X X	D 72.2	D 61 208
3113120561	Refined confectioners' powdered cane sugar, shipped in commercial units (containers greater than 10 lb), 1,000 s tons	2002.. 3 1997.. 5	X X	S P178.3	68 948 106 818
3113120571	Refined soft or brown cane sugar, shipped in consumer units (containers 10 lb or less)	2002.. 2 1997.. 5	X X	D 92.4	D 79 822
3113120581	Refined soft or brown cane sugar, shipped in commercial units (containers greater than 10 lb), 1,000 s tons	2002.. 3 1997.. 5	X X	S 126.0	92 214 76 661
3113120591	Refined liquid cane sugar or sugar syrup, sucrose type, 1,000 s tons	2002.. 2 1997.. 6	X X	D 334.1	D 185 940
31131205A1	Refined liquid cane sugar or sugar syrup, invert and/or partially invert type, 1,000 s tons	2002.. 1 1997.. 3	X X	D D	D D
31131205B1	Other refined cane sugar products and by-products, including refiners' blackstrap and syrup, 1,000 s tons	2002.. 3 1997.. 4	X X	S D	4 472 D
3113120Y	Cane sugar refining, nsk, total	2002.. N 1997.. N	X X	X X	476 473 20 209
3113120YWW	Cane sugar refining, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	475 478 18 856
3113120YWY	Cane sugar refining, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	995 1 353

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
311313	Beet sugar manufacturing . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	2 219 221 2 619 463
3113130	Beet sugar . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	2 219 221 2 619 463
31131301	Refined granulated beet sugar, including cube and tablet sugar, shipped in small individual packets . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	D D
3113130111	Refined granulated beet sugar, including cube and tablet sugar, shipped in small individual packets . . . . .	1,000 s tons. 2002 . . . . . 1997 . . . . .	1 2	X X	D D	D D
31131302	Refined granulated beet sugar, including cube and tablet sugar, shipped in consumer units (25 lb or less) . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	D 374 119
3113130221	Refined granulated beet sugar, including cube and tablet sugar, shipped in consumer units (25 lb or less) . . . . .	1,000 s tons. 2002 . . . . . 1997 . . . . .	5 5	X X	D 635.0	D 374 119
31131303	Refined granulated beet sugar, including cube and tablet sugar, shipped in commercial units (bags and other containers greater than 25 lb) . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	322 632 516 195
3113130331	Refined granulated beet sugar, including cube and tablet sugar, shipped in commercial units (bags and other containers greater than 25 lb) . . . . .	1,000 s tons. 2002 . . . . . 1997 . . . . .	5 6	X X	P580.2 890.1	322 632 516 195
31131304	Refined granulated beet sugar, including cube and tablet sugar, shipped in bulk (rail cars, trucks, or bins) . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	679 429 1 233 844
3113130441	Refined granulated beet sugar, including cube and tablet sugar, shipped in bulk (rail cars, trucks, or bins) . . . . .	1,000 s tons. 2002 . . . . . 1997 . . . . .	6 7	X X	1 227.8 P2 143.6	679 429 1 233 844
31131305	Refined beet sugar . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	66 838 90 910
3113130551	Refined beet sugar, confectioners' powdered . . . . .	1,000 s tons. 2002 . . . . . 1997 . . . . .	5 6	X X	77.5 102.7	44 991 64 227
3113130561	Refined beet sugar, soft or brown . . . . .	1,000 s tons. 2002 . . . . . 1997 . . . . .	6 6	X X	P35.8 39.6	21 847 26 683
31131306	Refined liquid beet sugar or sugar syrup . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	28 129 D
3113130671	Refined liquid beet sugar or sugar syrup . . . . .	1,000 s tons. 2002 . . . . . 1997 . . . . .	4 3	X X	53.2 D	28 129 D
31131307	Whole, straighthouse, or discard beet sugar molasses and molasses beet sugar pulp . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	54 851 77 592
3113130781	Whole, straighthouse, or discard beet sugar molasses . . . . .	1,000 s tons. 2002 . . . . . 1997 . . . . .	6 6	X X	D P608.5	D 50 683
3113130791	Molasses beet sugar pulp, bulk . . . . .	1,000 s tons. 2002 . . . . . 1997 . . . . .	2 5	X X	D S	D 26 909
31131308	Molasses beet sugar pulp, pelletized . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	48 446 42 985
31131308A1	Molasses beet sugar pulp, pelletized . . . . .	1,000 s tons. 2002 . . . . . 1997 . . . . .	6 4	X X	532.5 S	48 446 42 985
31131309	All other beet sugar pulp, including raw beet sugar, dried, and other beet pulp (plain) . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	D 74 173
31131309B1	All other beet sugar pulp, including raw beet sugar, dried, and other beet pulp (plain) . . . . .	1,000 s tons. 2002 . . . . . 1997 . . . . .	4 4	X X	D S	D 74 173
3113130Y	Beet sugar, nsk, total . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	95 542 10 815
3113130YWW	Beet sugar, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	83 243 10 815
3113130YWY	Beet sugar, nsk, for administrative-record establishments . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	12 299 -
311320	Chocolate and confectionery manufacturing from cacao beans . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	4 004 703 3 670 691
3113201	Chocolate coatings, made from cacao beans . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	711 146 639 816
31132011	Milk chocolate coatings, made from cacao beans . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	281 498 190 098
3113201111	Milk chocolate coatings, made from cacao beans <sup>4</sup> . . . . .	mil lb. 2002 . . . . . 1997 . . . . .	12 17	X X	P301.4 144.4	281 498 190 098
31132012	Sweet and liquor chocolate coatings, made from cacao beans . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	242 647 206 353
3113201221	Sweet chocolate coatings, made from cacao beans <sup>4</sup> . . . . .	mil lb. 2002 . . . . . 1997 . . . . .	10 15	X X	118.7 86.5	99 998 119 853
3113201231	Liquor chocolate coatings, made from cacao beans <sup>4</sup> . . . . .	mil lb. 2002 . . . . . 1997 . . . . .	7 9	X X	123.2 82.7	142 649 86 500
31132013	Confectionery coatings (made chiefly from cocoa and fats (except coatings made from cocoa butter), including ice cream coatings, made from cacao beans . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	184 510 235 614
3113201341	Confectionery coatings (made chiefly from cocoa and fats (except coatings made from cocoa butter), including ice cream coatings, made from cacao beans <sup>4</sup> . . . . .	mil lb. 2002 . . . . . 1997 . . . . .	11 15	X X	260.7 222.0	184 510 235 614
3113201Y	Chocolate coatings, made from cacao beans, nsk . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	2 491 7 751
3113201YWV	Chocolate coatings, made from cacao beans, nsk . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	2 491 7 751
3113204	Chocolate and chocolate-type confectionery products, made from cacao beans . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	2 028 528 1 916 439
31132041	Chocolate and chocolate-type confectionery products, made from cacao beans . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X	2 028 528 1 916 439

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
311320	Chocolate and confectionery manufacturing from cacao beans—Con.					
3113204	Chocolate and chocolate-type confectionery products, made from cacao beans—Con.					
31132041	Chocolate and chocolate-type confectionery products, made from cacao beans—Con.					
3113204100	Chocolate and chocolate-type confectionery products, made from cacao beans .....	mil lb. .2002..	15	X	S	2 028 528
		1997..	9	X	—	1 916 439
3113207	Other chocolate and cocoa products, made from cacao beans .....	.2002..	N	X	X	1 161 045
31132071	Sweetened chocolate, except coatings, made from cacao beans .....	.2002..	N	X	X	1 022 816
		1997..	N	X	X	
3113207111	Sweetened chocolate, except coatings, made from cacao beans .....	mil lb. .2002..	12	X	¶332.3	314 872
		1997..	12	X	207.4	229 093
31132072	Unsweetened chocolate and sweetened and unsweetened cocoa powder, except coatings, made from cacao beans .....	.2002..	N	X	X	451 779
		1997..	N	X	X	433 198
3113207221	Unsweetened chocolate, except coatings, made from cacao beans <sup>4</sup> .....	mil lb. .2002..	4	X	D	D
		1997..	7	X	D	D
3113207231	Sweetened (or mixed with other substances) cocoa powder, in cans or packages 2 1/2 lb or less, made from cacao beans <sup>4</sup> .....	mil lb. .2002..	7	X	D	D
		1997..	10	X	D	D
3113207241	Sweetened (or mixed with other substances) cocoa powder, in other containers and in bulk (barrels, drums, etc.), made from cacao beans <sup>4</sup> .....	mil lb. .2002..	6	X	¶87.8	107 382
		1997..	10	X	167.7	126 750
3113207251	Unsweetened cocoa powder, made from cacao beans <sup>4</sup> .....	mil lb. .2002..	10	X	¶218.1	192 827
		1997..	16	X	190.5	142 514
31132073	Cocoa butter, liquor, and cocoa base chocolate syrup, made from cacao beans .....	.2002..	N	X	X	325 434
		1997..	N	X	X	311 135
3113207360	Cocoa butter, made from cacao beans <sup>4</sup> .....	mil lb. .2002..	6	X	D	D
		1997..	6	X	81.9	145 761
3113207371	Chocolate liquor base syrup, in cans or packages 16 oz or less, made from cacao beans <sup>4</sup> .....	mil lb. .2002..	1	X	D	D
		1997..	6	X	D	D
3113207381	Chocolate liquor base syrup, in other containers or in bulk, made from cacao beans <sup>4</sup> .....	mil lb. .2002..	5	X	D	D
		1997..	11	X	D	D
3113207391	Cocoa powder base chocolate syrup, made from cacao beans <sup>4</sup> .....	mil lb. .2002..	7	X	S	145 460
		1997..	15	X	¶55.0	32 321
3113207Y	Other chocolate and cocoa products, made from cacao beans, nsk .....	.2002..	N	X	X	68 960
		1997..	N	X	X	49 390
3113207YVV	Other chocolate and cocoa products, made from cacao beans, nsk .....	.2002..	N	X	X	68 960
		1997..	N	X	X	49 390
311320W	Chocolate and confectionery manufacturing from cacao beans, nsk, total .....	.2002..	N	X	X	103 984
		1997..	N	X	X	91 620
311320WY	Chocolate and confectionery manufacturing from cacao beans, nsk, total .....	.2002..	N	X	X	103 984
		1997..	N	X	X	91 620
311320WYWW	Chocolate and confectionery manufacturing from cacao beans, nsk, for nonadministrative-record establishments .....	.2002..	N	X	X	35 762
		1997..	N	X	X	27 178
311320WYWY	Chocolate and confectionery manufacturing from cacao beans, nsk, for administrative-record establishments .....	.2002..	N	X	X	68 222
		1997..	N	X	X	64 442
311330	Confectionery manufacturing from purchased chocolate .....	.2002..	N	X	X	7 633 988
		1997..	N	X	X	7 027 945
3113301	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment .....	.2002..	N	X	X	6 919 670
		1997..	N	X	X	6 653 316
31133011	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment .....	.2002..	N	X	X	6 919 670
		1997..	N	X	X	N
3113301100	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment .....	mil lb. .2002..	169	X	S	6 919 670
		1997..	N	X	N	N
3113302	Chocolate and chocolate-type confectionery products, made from purchased chocolate retailed at manufacturing establishment .....	.2002..	N	X	X	202 481
		1997..	N	X	X	149 559
31133021	Chocolate and chocolate-type confectionery products, made from purchased chocolate retailed at manufacturing establishment .....	.2002..	N	X	X	202 481
		1997..	N	X	X	149 559
3113302100	Chocolate and chocolate-type confectionery products, made from purchased chocolate retailed at manufacturing establishment .....	mil lb. .2002..	108	X	S	202 481
		1997..	311	X	—	149 559
311330W	Confectionery manufacturing from purchased chocolate, nsk, total .....	.2002..	N	X	X	511 837
		1997..	N	X	X	225 070
311330WY	Confectionery manufacturing from purchased chocolate, nsk, total .....	.2002..	N	X	X	511 837

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311330	Confectionery manufacturing from purchased chocolate—Con.				
311330W	Confectionery manufacturing from purchased chocolate, nsk, total—Con.				
311330WY	Confectionery manufacturing from purchased chocolate, nsk, total—Con.				
311330WYWW	Confectionery manufacturing from purchased chocolate, nsk, for nonadministrative-record establishments	1997.. N	X	X	225 070
		2002.. N	X	X	243 210
311330WYWY	Confectionery manufacturing from purchased chocolate, nsk, for administrative-record establishments	1997.. N	X	X	137 440
		2002.. N	X	X	268 627
		1997.. N	X	X	87 630
311340	Nonchocolate confectionery manufacturing	2002.. N	X	X	6 577 541
		1997.. N	X	X	5 954 390
3113401	Nonchocolate-type confectionery products, made and packaged for shipment not retailed at manufacturing establishment	2002.. N	X	X	4 371 345
		1997.. N	X	X	4 243 445
31134011	Nonchocolate-type confectionery products (bar goods, granola bars, package goods, specialties, etc.), made and packaged for shipment not retailed at manufacturing establishment	2002.. N	X	X	4 371 345
		1997.. N	X	X	4 243 445
3113401100	Nonchocolate-type confectionery products (bar goods, granola bars, package goods, specialties, etc.), made and packaged for shipment not retailed at manufacturing establishment <sup>4</sup>	2002.. mil lb. 161	X	S	4 371 345
		1997.. 182	X	—	4 243 445
3113402	Nonchocolate-type confectionery products made from purchased chocolate retailed at manufacturing establishment	2002.. N	X	X	100 348
		1997.. N	X	X	28 201
31134021	Nonchocolate-type confectionery products made from purchased chocolate retailed at manufacturing establishment	2002.. N	X	X	100 348
		1997.. N	X	X	28 201
3113402100	Nonchocolate-type confectionery products made from purchased chocolate retailed at manufacturing establishment	2002.. mil lb. 39	X	945.0	100 348
		1997.. 36	X	—	28 201
3113404	Chewing gum, bubble gum, and chewing gum base	2002.. N	X	X	1 738 964
		1997.. N	X	X	1 310 938
31134041	Chewing gum and bubble gum, nonmedicated, containing sugar	2002.. N	X	X	D
		1997.. N	X	X	854 478
3113404110	Chewing gum and bubble gum, nonmedicated, containing sugar <sup>4</sup>	2002.. mil lb. 12	X	D	D
		1997.. 9	X	230.3	854 478
31134043	Chewing gum and bubble gum, nonmedicated, not containing sugar	2002.. N	X	X	852 792
		1997.. N	X	X	D
3113404320	Chewing gum and bubble gum, nonmedicated, not containing sugar <sup>4</sup>	2002.. mil lb. 4	X	S	852 792
		1997.. 3	X	D	D
31134045	Chewing gum base	2002.. N	X	X	D
		1997.. N	X	X	D
3113404530	Chewing gum base <sup>4</sup>	2002.. mil lb. 2	X	D	D
		1997.. 1	X	D	D
3113404Y	Chewing gum, bubble gum, and chewing gum base, nsk	2002.. N	X	X	44 627
		1997.. N	X	X	14 354
3113404YWV	Chewing gum, bubble gum, and chewing gum base, nsk	2002.. N	X	X	44 627
		1997.. N	X	X	14 354
3113407	Other confectionery-type products	2002.. N	X	X	250 685
		1997.. N	X	X	159 863
31134072	Glace, candied, and crystallized fruits, fruit peels, nuts, marshmallow cream, cough drops (except pharmaceutical type), and other confectionery-type products	2002.. N	X	X	208 887
		1997.. N	X	X	154 203
3113407221	Glace, candied, and crystallized fruits, fruit peels, nuts, and other vegetable substances	2002.. mil lb. 17	X	S	151 852
		1997.. 25	X	S	111 694
3113407231	Marshmallow cream	2002.. mil lb. 8	X	D	D
		1997.. 3	X	D	D
3113407241	Cough drops, except pharmaceutical type	2002.. mil lb. 3	X	D	D
		1997.. 5	X	D	D
3113407Y	Other confectionery-type products, nsk	2002.. N	X	X	41 798
		1997.. N	X	X	5 660
3113407YWV	Other confectionery-type products, nsk	2002.. N	X	X	41 798
		1997.. N	X	X	5 660
311340W	Nonchocolate confectionery manufacturing, nsk, total	2002.. N	X	X	116 199
		1997.. N	X	X	211 943
311340WY	Nonchocolate confectionery manufacturing, nsk, total	2002.. N	X	X	116 199
		1997.. N	X	X	211 943
311340WYWW	Nonchocolate confectionery manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	58 565
		1997.. N	X	X	84 630
311340WYWY	Nonchocolate confectionery manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	57 634
		1997.. N	X	X	127 313
311411	Frozen fruit, juice, and vegetable manufacturing	2002.. N	X	X	8 702 606
		1997.. N	X	X	9 264 738
3114111	Frozen fruits, juices, ades, drinks, and cocktails	2002.. N	X	X	2 469 828
		1997.. N	X	X	2 822 600
31141111	Frozen fruits	2002.. N	X	X	588 448
		1997.. N	X	X	756 363
3114111111	Frozen strawberries	2002.. mil lb. 13	X	P289.4	207 012
		1997.. 20	X	394.8	231 656

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311411	Frozen fruit, juice, and vegetable manufacturing—Con.				
3114111	Frozen fruits, juices, ades, drinks, and cocktails—Con.				
31141111	Frozen fruits—Con.				
3114111121	Frozen red sour cherries . . . . . mil lb. .2002..	8	X	S	38 677
	1997..	8	X	70.7	38 918
3114111131	Frozen apples and applesauce . . . . . mil lb. .2002..	7	X	S	34 633
	1997..	16	X	308.9	155 173
3114111141	Frozen berries (blueberries, raspberries, blackberries, etc.) . . . . . mil lb. .2002..	15	X	S	100 421
	1997..	23	X	101.8	105 195
3114111151	Other frozen fruits . . . . . mil lb. .2002..	17	X	S	207 705
	1997..	28	X	276.8	225 421
31141112	Frozen concentrated orange juice, consumer and institutional, 6 oz or less . . . . . 2002..	N	X	X	D
	1997..	N	X	X	119 538
3114111261	Frozen concentrated orange juice, consumer and institutional, 6 oz or less . . . . . 1,000 cases of 48. .2002..	3	X	D	D
	1997..	7	X	5 010.4	119 538
31141113	Frozen concentrated orange juice, consumer and institutional, 6.1 oz to 12 oz . . . . . 2002..	N	X	X	303 280
	1997..	N	X	X	364 443
3114111371	Frozen concentrated orange juice, consumer and institutional, 6.1 oz to 12 oz . . . . . 1,000 cases of 24. .2002..	7	X	S	303 280
	1997..	10	X	S	364 443
31141114	Frozen concentrated orange juice, consumer and institutional, 12.1 oz or more . . . . . 2002..	N	X	X	D
	1997..	N	X	X	141 025
3114111481	Frozen concentrated orange juice, consumer and institutional, 12.1 oz to 24 oz . . . . . 1,000 cases of 24. .2002..	5	X	S	77 038
	1997..	4	X	D	D
3114111491	Frozen concentrated orange juice, consumer and institutional, 24.1 oz or more . . . . . 1,000 cases. .2002..	4	X	D	D
	1997..	8	X	D	D
31141115	Frozen concentrated orange juice, bulk . . . . . 2002..	N	X	X	916 534
	1997..	N	X	X	939 038
31141115A1	Frozen concentrated orange juice, bulk . . . . . 1,000 lb solid. .2002..	13	X	S	916 534
	1997..	19	X	927.4	939 038
31141116	Frozen concentrated juices, except orange juice . . . . . 2002..	N	X	X	406 980
	1997..	N	X	X	460 144
31141116B1	Frozen concentrated grape juice, 4.1 oz to 7 oz . . . . . 1,000 cases of 48. .2002..	3	X	S	16 316
	1997..	4	X	1 770.1	18 057
31141116C1	Frozen concentrated grape juice, 10.1 oz to 13 oz . . . . . 1,000 cases of 24. .2002..	4	X	S	17 888
	1997..	6	X	1 994.6	24 643
31141116D1	Frozen concentrated grape juice, other sizes . . . . . 1,000 lb solid. .2002..	3	X	S	12 643
	1997..	7	X	16.9	15 290
31141116E1	Frozen concentrated grapefruit juice . . . . . 1,000 lb solid. .2002..	7	X	5 934.2	92 386
	1997..	14	X	65.0	89 589
31141116F1	Other frozen fruit and berry juices, concentrated . . . . . 1,000 lb solid. .2002..	10	X	S	172 253
	1997..	14	X	180.4	184 551
31141116G1	Frozen concentrated lemonade, 4.1 oz to 7 oz . . . . . 1,000 cases of 48. .2002..	3	X	D	D
	1997..	2	X	D	D
31141116H1	Frozen concentrated lemonade, 10.1 oz to 13 oz . . . . . 1,000 cases of 24. .2002..	4	X	P1.3	12 148
	1997..	5	X	D	D
31141116J1	Frozen concentrated lemonade, other sizes . . . . . 1,000 lb solid. .2002..	2	X	D	D
	1997..	4	X	14.6	17 242
31141116K1	All other frozen concentrated ades, drinks, and cocktails . . . . . 1,000 lb solid. .2002..	4	X	S	24 469
	1997..	7	X	62.5	56 537
31141116L1	Frozen citrus pulp . . . . . 1,000 s tons. .2002..	9	X	S	11 292
	1997..	8	X	95.5	10 041
3114111Y	Frozen fruits, juices, ades, drinks, and cocktails, nsk . . . . . 2002..	N	X	X	28 345
	1997..	N	X	X	42 049
3114111YWV	Frozen fruits, juices, ades, drinks, and cocktails, nsk . . . . . 2002..	N	X	X	28 345
	1997..	N	X	X	42 049
3114114	Frozen vegetables . . . . . 2002..	N	X	X	5 803 345
	1997..	N	X	X	6 314 734
31141141	Frozen vegetables (asparagus, green beans, lima beans, broccoli, brussels sprouts, carrots, cauliflower, green peas, and spinach) . . . . . 2002..	N	X	X	726 103
	1997..	N	X	X	782 751
3114114111	Frozen asparagus . . . . . mil lb. .2002..	8	X	S	19 249
	1997..	10	X	14.1	21 778
3114114121	Frozen beans (green, regular, and French-cut) . . . . . mil lb. .2002..	10	X	S	135 318
	1997..	19	X	294.6	156 589
3114114131	Frozen lima beans (baby, emerald, and fordhook) . . . . . mil lb. .2002..	10	X	S	64 044
	1997..	14	X	119.5	65 104
3114114141	Frozen broccoli . . . . . mil lb. .2002..	10	X	S	122 323
	1997..	19	X	221.7	123 347
3114114151	Frozen brussels sprouts . . . . . mil lb. .2002..	5	X	S	20 485
	1997..	5	X	33.4	22 220
3114114161	Frozen carrots . . . . . mil lb. .2002..	10	X	S	96 057
	1997..	21	X	336.7	101 898
3114114171	Frozen cauliflower . . . . . mil lb. .2002..	5	X	S	31 440
	1997..	12	X	67.9	44 674
3114114181	Frozen green peas . . . . . mil lb. .2002..	12	X	S	190 433
	1997..	22	X	367.3	186 711
3114114191	Frozen spinach . . . . . mil lb. .2002..	5	X	P111.1	46 754
	1997..	10	X	150.0	60 430
31141142	Frozen vegetable combinations (succotash, peas and carrots, mixed vegetables, vegetables with pasta, etc.) . . . . . 2002..	N	X	X	607 450
	1997..	N	X	X	609 076
31141142A1	Frozen vegetable combinations (succotash, peas and carrots, mixed vegetables, vegetables with pasta, etc.) . . . . . mil lb. .2002..	15	X	S	607 450
	1997..	25	X	930.4	609 076
31141143	Frozen French-fried potatoes . . . . . 2002..	N	X	X	2 341 512
	1997..	N	X	X	2 984 066
31141143B1	Frozen French-fried potatoes . . . . . mil lb. .2002..	7	X	S	2 341 512
	1997..	11	X	9 216.6	2 984 066
31141144	Other frozen potato products (patties, puffs, etc.) . . . . . 2002..	N	X	X	524 223
	1997..	N	X	X	544 608

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311411	Frozen fruit, juice, and vegetable manufacturing—Con.				
3114114	Frozen vegetables—Con.				
31141144	Other frozen potato products (patties, puffs, etc.)—Con.				
31141144C1	Other frozen potato products (patties, puffs, etc.) . . . . . mil lb. . . . .	2002 . . . . . 12	X	S	524 223
		1997 . . . . . 22	X	1 085.5	544 608
31141145	Frozen sweet yellow corn, cut and cob . . . . .	2002 . . . . . N	X	X	364 214
		1997 . . . . . N	X	X	394 123
31141145D1	Frozen sweet yellow corn, cut . . . . . mil lb. . . . .	2002 . . . . . 12	X	516.8	246 814
		1997 . . . . . 25	X	561.8	250 883
31141145E1	Frozen sweet yellow corn, cob . . . . . mil lb. . . . .	2002 . . . . . 7	X	P337.6	117 400
		1997 . . . . . 15	X	399.9	143 240
31141146	Frozen southern greens, onions, and other frozen vegetables . . . . .	2002 . . . . . N	X	X	1 079 656
		1997 . . . . . N	X	X	988 867
31141146F1	Frozen southern greens (collards, kale, mustard, and turnip) . . . . . mil lb. . . . .	2002 . . . . . 3	X	D	D
		1997 . . . . . 7	X	116.5	37 782
31141146G1	Frozen onions (rings, diced, chopped, etc.) . . . . . mil lb. . . . .	2002 . . . . . 12	X	D	D
		1997 . . . . . 20	X	496.0	275 420
31141146H1	Other frozen vegetables . . . . . mil lb. . . . .	2002 . . . . . 31	X	S	803 991
		1997 . . . . . 48	X	941.9	675 665
3114114Y	Frozen vegetables, nsk . . . . .	2002 . . . . . N	X	X	160 187
		1997 . . . . . N	X	X	11 243
3114114YVW	Frozen vegetables, nsk . . . . .	2002 . . . . . N	X	X	160 187
		1997 . . . . . N	X	X	11 243
311411W	Frozen fruit, juice, and vegetable manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	429 433
		1997 . . . . . N	X	X	127 404
311411WY	Frozen fruit, juice, and vegetable manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	429 433
		1997 . . . . . N	X	X	127 404
311411WYWW	Frozen fruit, juice, and vegetable manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N	X	X	346 858
		1997 . . . . . N	X	X	64 569
311411WYWY	Frozen fruit, juice, and vegetable manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N	X	X	82 575
		1997 . . . . . N	X	X	62 835
311412	Frozen specialty food manufacturing . . . . .	2002 . . . . . N	X	X	12 366 115
		1997 . . . . . N	X	X	9 457 074
3114121	Frozen dinners (beef, pork, and poultry pies) and nationality foods . . . . .	2002 . . . . . N	X	X	8 362 236
		1997 . . . . . N	X	X	6 963 429
31141211	Frozen dinners, red-meat entree . . . . .	2002 . . . . . N	X	X	1 121 008
		1997 . . . . . N	X	X	791 688
3114121111	Frozen dinners, red-meat entree . . . . . mil lb. . . . .	2002 . . . . . 21	X	S	1 121 008
		1997 . . . . . 26	X	501.9	791 688
31141212	Frozen dinners, poultry entree . . . . .	2002 . . . . . N	X	X	1 673 059
		1997 . . . . . N	X	X	964 025
3114121221	Frozen dinners, poultry entree . . . . . mil lb. . . . .	2002 . . . . . 17	X	S	1 673 059
		1997 . . . . . 21	X	523.3	964 025
31141213	Frozen dinners, pasta or other entree types, except red-meat and poultry . . . . .	2002 . . . . . N	X	X	774 615
		1997 . . . . . N	X	X	567 648
3114121331	Frozen dinners, pasta entree . . . . . mil lb. . . . .	2002 . . . . . 14	X	357.0	516 723
		1997 . . . . . 16	X	303.1	421 215
3114121341	Frozen dinners, other entree types . . . . . mil lb. . . . .	2002 . . . . . 7	X	S	257 892
		1997 . . . . . 11	X	73.1	146 433
31141214	Frozen entrees and side dishes (except rice dishes, meat pies, and nationality foods), with pasta products as major ingredient . . . . .	2002 . . . . . N	X	X	766 788
		1997 . . . . . N	X	X	770 816
3114121451	Frozen entrees and side dishes (except rice dishes, meat pies, and nationality foods), with pasta products as major ingredient . . . . . mil lb. . . . .	2002 . . . . . 29	X	S	766 788
		1997 . . . . . 32	X	628.8	770 816
31141215	Frozen entrees and side dishes (except rice dishes, meat pies, and nationality foods), with other products as major ingredient . . . . .	2002 . . . . . N	X	X	400 374
		1997 . . . . . N	X	X	430 511
3114121561	Frozen entrees and side dishes (except rice dishes, meat pies, and nationality foods), with other products as major ingredient . . . . . mil lb. . . . .	2002 . . . . . 19	X	S	400 374
		1997 . . . . . 21	X	321.6	430 511
31141216	Frozen pizza . . . . .	2002 . . . . . N	X	X	1 666 520
		1997 . . . . . N	X	X	1 826 617
3114121671	Frozen pizza . . . . . mil lb. . . . .	2002 . . . . . 25	X	P1 513.0	1 666 520
		1997 . . . . . 41	X	1 617.0	1 826 617
31141217	Frozen nationality foods, except pizza . . . . .	2002 . . . . . N	X	X	1 783 889
		1997 . . . . . N	X	X	1 608 469
3114121781	Frozen rice dishes . . . . . mil lb. . . . .	2002 . . . . . 10	X	P81.4	102 767
		1997 . . . . . 5	X	55.0	49 555
3114121791	Frozen beef and pork pies . . . . . mil lb. . . . .	2002 . . . . . 5	X	D	D
		1997 . . . . . 9	X	61.7	70 496
31141217A1	Frozen poultry pies . . . . . mil lb. . . . .	2002 . . . . . 7	X	S	244 184
		1997 . . . . . 7	X	169.7	235 670
31141217B1	Frozen enchiladas . . . . . mil lb. . . . .	2002 . . . . . 4	X	S	48 914
		1997 . . . . . 11	X	51.1	48 412
31141217C1	Frozen tortillas . . . . . mil lb. . . . .	2002 . . . . . 5	X	S	156 026
		1997 . . . . . 11	X	139.9	153 837
31141217D1	Frozen tamales . . . . . mil lb. . . . .	2002 . . . . . 6	X	D	D
		1997 . . . . . 11	X	76.0	92 409
31141217E1	Frozen egg rolls . . . . . mil lb. . . . .	2002 . . . . . 14	X	P89.3	123 477
		1997 . . . . . 10	X	112.9	134 512
31141217F1	All other frozen nationality foods (including chow mein and chop suey) . . . . . mil lb. . . . .	2002 . . . . . 33	X	S	839 792
		1997 . . . . . 54	X	619.2	823 578
3114121Y	Frozen dinners (beef, pork, and poultry pies) and nationality foods, nsk . . . . .	2002 . . . . . N	X	X	175 983
		1997 . . . . . N	X	X	3 655

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311412	Frozen specialty food manufacturing—Con.				
3114121	Frozen dinners (beef, pork, and poultry pies) and nationality foods—Con.				
3114121Y	Frozen dinners (beef, pork, and poultry pies) and nationality foods, nsk—Con.				
3114121YVW	Frozen dinners (beef, pork, and poultry pies) and nationality foods, nsk	2002.. N	X	X	175 983
		1997.. N	X	X	3 655
3114124	Other frozen specialties	2002.. N	X	X	2 954 576
		1997.. N	X	X	2 125 910
31141241	Frozen whipped topping (dairy product substitute), dairy or nondairy base	2002.. N	X	X	537 238
		1997.. N	X	X	522 750
3114124111	Frozen whipped topping (dairy product substitute), dairy or nondairy base	2002.. 9	X	S	537 238
	mil lb.	1997.. 7	X	727.9	522 750
31141242	Other frozen dairy product substitutes, except mellorine and similar products	2002.. N	X	X	D
		1997.. N	X	X	28 031
3114124221	Other frozen dairy product substitutes, except mellorine and similar products	2002.. 1	X	X	D
		1997.. 6	X	X	28 031
31141243	Frozen waffles, pancakes, and French toast	2002.. N	X	X	D
		1997.. N	X	X	524 815
3114124331	Frozen waffles, pancakes, and French toast	2002.. 11	X	D	D
	mil lb.	1997.. 12	X	487.3	524 815
31141244	Other frozen specialties (soups, etc.), except seafood	2002.. N	X	X	1 730 112
		1997.. N	X	X	1 021 812
3114124441	Other frozen specialties (soups, etc.), except seafood	2002.. 50	X	X	1 730 112
		1997.. 52	X	X	1 021 812
3114124Y	Other frozen specialties, nsk	2002.. N	X	X	118 589
		1997.. N	X	X	28 502
3114124YVW	Other frozen specialties, nsk	2002.. N	X	X	118 589
		1997.. N	X	X	28 502
311412W	Frozen specialty food manufacturing, nsk, total	2002.. N	X	X	1 049 303
		1997.. N	X	X	367 735
311412WY	Frozen specialty food manufacturing, nsk, total	2002.. N	X	X	1 049 303
		1997.. N	X	X	367 735
311412WYVW	Frozen specialty food manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	892 251
		1997.. N	X	X	245 992
311412WYVY	Frozen specialty food manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	157 052
		1997.. N	X	X	121 743
311421	Fruit and vegetable canning	2002.. N	X	X	18 734 786
		1997.. N	X	X	16 737 724
3114211	Canned fruits, except baby foods	2002.. N	X	X	2 127 937
		1997.. N	X	X	2 281 045
31142111	Canned fruits, except baby foods	2002.. N	X	X	2 090 399
		1997.. N	X	X	2 280 848
3114211111	Canned apples	2002.. 1,000 cases (24/2 1/2 s).. 5	X	S	76 065
		1997.. 10	X	X	82 294
3114211121	Canned applesauce	2002.. 1,000 cases (24/2 1/2 s).. 13	X	S	381 761
		1997.. 13	X	X	27 334.0
3114211131	Canned apricots	2002.. 1,000 cases (24/2 1/2 s).. 4	X	S	47 438
		1997.. 6	X	X	1 919.5
3114211141	Canned cherries, red pitted	2002.. 1,000 cases (24/2 1/2 s).. 5	X	S	50 739
		1997.. 8	X	X	19 578
3114211151	Canned cherries, sweet	2002.. 1,000 cases (24/2 1/2 s).. 7	X	S	20 262
		1997.. 8	X	X	21 259
3114211161	Canned cranberries and cranberry sauce	2002.. 1,000 cases (24/2 1/2 s).. 3	X	D	21 231
		1997.. 3	X	D	D
3114211171	Canned fruit cocktail	2002.. 1,000 cases (24/2 1/2 s).. 4	X	S	52 521
		1997.. 3	X	X	230 636
3114211181	Canned fruits for salads, including mixed fruits (except fruit cocktail)	2002.. 1,000 cases (24/2 1/2 s).. 3	X	X	268 957
		1997.. 5	X	X	2 723.5
3114211191	Canned olives, ripe and green ripe, including stuffed	2002.. 1,000 cases (24/2 1/2 s).. 7	X	S	61 913
		1997.. 7	X	X	76 127
31142111A1	Canned peaches, including spiced	2002.. 1,000 cases (24/2 1/2 s).. 4	X	S	324 210
		1997.. 8	X	X	28 524.1
31142111B1	Canned pears, including spiced	2002.. 1,000 cases (24/2 1/2 s).. 4	X	D	377 661
		1997.. 8	X	D	D
31142111C1	Canned pineapple, all styles	2002.. 1,000 cases (24/2 1/2 s).. 2	X	D	D
		1997.. 2	X	D	D
31142111D1	Other canned fruits	2002.. 1,000 cases (24/2 1/2 s).. 13	X	X	141 194
		1997.. 18	X	D	D
31142111E1	Canned apple pie mixes	2002.. 1,000 cases (24/2 1/2 s).. 6	X	S	24 194
		1997.. 8	X	X	36 589
31142111F1	Canned cherry pie mixes	2002.. 1,000 cases (24/2 1/2 s).. 5	X	S	1 842.1
		1997.. 7	X	X	41 931
31142111G1	Canned peach pie mixes	2002.. 1,000 cases (24/2 1/2 s).. 3	X	S	67 006
		1997.. 4	X	X	5 489
31142111H1	Other canned fruit pie mixes	2002.. 1,000 cases (24/2 1/2 s).. 11	X	S	10 584
		1997.. 12	X	X	153 105
3114211Y	Canned fruits, except baby foods, nsk	2002.. N	X	X	2 432.0
		1997.. N	X	X	68 277
3114211YVW	Canned fruits, except baby foods, nsk	2002.. N	X	X	37 538
		1997.. N	X	X	197
3114214	Canned vegetables, except hominy and mushrooms	2002.. N	X	X	37 538
		1997.. N	X	X	197
31142141	Canned vegetables, except hominy and mushrooms	2002.. N	X	X	2 740 654
		1997.. N	X	X	2 690 609
3114214111	Canned green lima beans	2002.. 1,000 cases (24/303 s).. 6	X	X	2 722 403
		1997.. 7	X	X	2 684 637
3114214121	Canned beans, green and wax, including blue lake	2002.. 1,000 cases (24/303 s).. 14	X	D	D
		1997.. 19	X	X	2 604.1
			X	54 004.3	23 843
			X	55 019.6	462 044
			X		412 657

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311421	Fruit and vegetable canning—Con.				
3114214	Canned vegetables, except hominy and mushrooms—Con.				
31142141	Canned vegetables, except hominy and mushrooms—Con.				
3114214131	Canned carrots . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	7	X	3 582.6	32 219
	1997 . . . . .	11	X	5 581.6	41 731
3114214141	Canned vegetable combinations (mixed vegetables, succotash, carrots and peas, vegetable salad, etc.) . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	10	X	9 680.3	92 306
	1997 . . . . .	11	X	11 985.6	116 907
3114214151	Canned green peas . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	9	X	11 763.9	152 295
	1997 . . . . .	14	X	23 182.2	201 322
3114214161	Other canned peas (black-eyed, crowder, purple hull, field, etc.) . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	6	X	P4 882.8	40 578
	1997 . . . . .	6	X	2 391.2	23 688
3114214171	Canned pumpkin and squash, including pie mix . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	3	X	D	D
	1997 . . . . .	5	X	2 962.7	41 879
3114214181	Canned spinach . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	4	X	4 081.2	39 633
	1997 . . . . .	5	X	6 313.1	53 981
3114214191	Canned sweet potatoes, including pie mix . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	3	X	S	92 274
	1997 . . . . .	3	X	6 650.5	91 814
31142141A1	Canned white potatoes . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	6	X	5 720.8	46 963
	1997 . . . . .	11	X	6 646.6	48 433
31142141B1	Canned sauerkraut . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	6	X	P7.3	58 413
	1997 . . . . .	7	X	9 267.6	70 814
31142141C1	Canned asparagus . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	7	X	3 134.9	77 807
	1997 . . . . .	8	X	4 344.6	82 210
31142141D1	Canned beets . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	3	X	S	75 267
	1997 . . . . .	5	X	8 645.2	61 709
31142141E1	Canned sweet corn, whole kernel . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	6	X	P43 624.9	444 265
	1997 . . . . .	13	X	57 024.9	423 862
31142141F1	Canned sweet corn, cream style . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	7	X	S	138 069
	1997 . . . . .	12	X	20 561.6	157 241
31142141G1	Canned tomatoes, including stewed . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	23	X	S	739 027
	1997 . . . . .	27	X	67 428.4	618 675
31142141H1	Other canned vegetables . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	12	X	S	164 126
	1997 . . . . .	28	X	14 652.5	213 871
3114214Y	Canned vegetables, except hominy and mushrooms, nsk . . . . . 2002 . . . . .	N	X	X	18 251
	1997 . . . . .	N	X	X	5 972
3114214YWV	Canned vegetables, except hominy and mushrooms, nsk . . . . . 2002 . . . . .	N	X	X	18 251
	1997 . . . . .	N	X	X	5 972
3114217	Canned hominy and mushrooms . . . . . 2002 . . . . .	N	X	X	142 115
	1997 . . . . .	N	X	X	141 646
31142171	Canned hominy and mushrooms . . . . . 2002 . . . . .	N	X	X	141 725
	1997 . . . . .	N	X	X	141 642
3114217111	Canned hominy . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	3	X	4 375.8	32 560
	1997 . . . . .	8	X	3 442.9	26 201
3114217121	Canned mushrooms . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	5	X	S	109 165
	1997 . . . . .	12	X	4 043.4	115 441
3114217Y	Canned hominy and mushrooms, nsk . . . . . 2002 . . . . .	N	X	X	390
	1997 . . . . .	N	X	X	4
3114217YWV	Canned hominy and mushrooms, nsk . . . . . 2002 . . . . .	N	X	X	390
	1997 . . . . .	N	X	X	4
311421A	Canned vegetable juices . . . . . 2002 . . . . .	N	X	X	601 700
	1997 . . . . .	N	X	X	438 970
311421A1	Canned vegetable juices . . . . . 2002 . . . . .	N	X	X	577 454
	1997 . . . . .	N	X	X	438 405
311421A111	Canned tomato juice, including combinations containing 70 percent or more tomato juice . . . . . mil gal. . . . . 2002 . . . . .	13	X	S	528 436
	1997 . . . . .	20	X	129.6	398 261
311421A121	Other canned vegetable juices . . . . . mil gal. . . . . 2002 . . . . .	4	X	S	49 018
	1997 . . . . .	6	X	P11.8	40 144
311421AY	Canned vegetable juices, nsk . . . . . 2002 . . . . .	N	X	X	24 246
	1997 . . . . .	N	X	X	565
311421AYWV	Canned vegetable juices, nsk . . . . . 2002 . . . . .	N	X	X	24 246
	1997 . . . . .	N	X	X	565
311421D	Canned catsup and other tomato based sauces . . . . . 2002 . . . . .	N	X	X	4 273 116
	1997 . . . . .	N	X	X	4 107 843
311421D1	Canned spaghetti, pizza, and marinara sauces (except salsa), with or without other added ingredients, including sauces with less than 20 percent meat . . . . . 2002 . . . . .	N	X	X	1 427 515
	1997 . . . . .	N	X	X	1 447 829
311421D111	Canned spaghetti, pizza, and marinara sauces (except salsa), with or without other added ingredients, including sauces with less than 20 percent meat . . . . . 1,000 cases (12/12 glass) . . . . . 2002 . . . . .	27	X	S	1 427 515
	1997 . . . . .	32	X	168 565.2	1 447 829
311421D2	Canned tomato, catsup, chili, and barbecue sauces, tomato paste, and tomato pulp and puree . . . . . 2002 . . . . .	N	X	X	2 207 818
	1997 . . . . .	N	X	X	2 316 782
311421D221	Canned tomato sauce (except pulp, puree, and paste), 7.1 oz to 10 oz . . . . . 1,000 cases of 72 . . . . . 2002 . . . . .	6	X	S	341 225
	1997 . . . . .	16	X	13 872.5	159 494
311421D231	Canned tomato sauce (except pulp, puree, and paste), other sizes . . . . . 1,000 cases (12/12 glass) . . . . . 2002 . . . . .	13	X	P43 144.5	218 237
	1997 . . . . .	21	X	68 441.9	253 974
311421D241	Canned catsup, 14 oz to 32 oz . . . . . 1,000 cases of 24 . . . . . 2002 . . . . .	11	X	28 820.1	338 406
	1997 . . . . .	15	X	29 721.7	437 941
311421D251	Canned catsup, other sizes (including individual serving sizes) . . . . . 1,000 cases (12/12 glass) . . . . . 2002 . . . . .	13	X	P79 886.7	505 302
	1997 . . . . .	19	X	62 433.5	601 747
311421D261	Canned chili sauce . . . . . 1,000 cases (12/12 glass) . . . . . 2002 . . . . .	12	X	S	50 970
	1997 . . . . .	14	X	8 771.4	62 700
311421D271	Canned barbecue sauce . . . . . 1,000 cases (12/12 glass) . . . . . 2002 . . . . .	25	X	S	120 621
	1997 . . . . .	25	X	22 193.0	166 154
311421D281	Canned tomato paste . . . . . mil lb . . . . . 2002 . . . . .	16	X	S	584 218
	1997 . . . . .	22	X	23 174.1	574 398
311421D291	Canned tomato pulp and puree . . . . . 1,000 cases (24/303 s) . . . . . 2002 . . . . .	9	X	S	48 839
	1997 . . . . .	9	X	8 052.4	60 374
311421D3	Canned salsa . . . . . 2002 . . . . .	N	X	X	557 521
	1997 . . . . .	N	X	X	318 823

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311421	Fruit and vegetable canning—Con.				
311421D	Canned catsup and other tomato based sauces—Con.				
311421D3	Canned salsa—Con.				
311421D3A1	Canned salsa, 16 oz . . . . . 1,000 cases of 24 . . . . . 2002 . .	17	X	S	406 121
		31	X	11 264.6	192 198
311421D3B1	Canned salsa, 7 oz to 12 oz . . . . . 1,000 cases of 24 . . . . . 2002 . .	5	X	D	D
		17	X	3 566.1	45 793
311421D3C1	Canned salsa, other sizes . . . . . 1,000 cases (12/12 glass) . . . . . 2002 . .	19	X	D	D
		26	X	5 184.8	80 832
311421DY	Canned catsup and other tomato based sauces, nsk . . . . . 2002 . .	N	X	X	80 262
		N	X	X	24 409
311421DYWV	Canned catsup and other tomato based sauces, nsk . . . . . 2002 . .	N	X	X	80 262
		N	X	X	24 409
311421G	Canned jams, jellies, and preserves . . . . . 2002 . .	N	X	X	969 550
		N	X	X	1 007 148
311421G1	Canned jams, jellies, and preserves . . . . . 2002 . .	N	X	X	926 539
		N	X	X	974 222
311421G111	Canned strawberry jams and preserves, pure . . . . . mil lb . . . . . 2002 . .	12	X	D	D
		23	X	343.2	263 390
311421G121	Canned raspberry jams and preserves, pure . . . . . mil lb . . . . . 2002 . .	8	X	S	143 444
		17	X	211.8	151 590
311421G131	Other canned jams and preserves, pure . . . . . mil lb . . . . . 2002 . .	17	X	S	231 083
		29	X	144.1	96 676
311421G141	Canned grape jelly, pure . . . . . mil lb . . . . . 2002 . .	10	X	S	145 333
		18	X	236.8	158 247
311421G151	Other canned jellies, pure . . . . . mil lb . . . . . 2002 . .	10	X	S	28.9
		23	X	141.9	109 295
311421G161	Fruit spread . . . . . mil lb . . . . . 2002 . .	12	X	\$16.0	29 445
		9	X	D	17 556
311421G171	Canned imitation jellies, jams, and preserves . . . . . mil lb . . . . . 2002 . .	4	X	D	58 588
		7	X	D	D
311421G181	Canned marmalades . . . . . mil lb . . . . . 2002 . .	3	X	D	D
		10	X	26.7	23 551
311421G191	Canned fruit butter . . . . . mil lb . . . . . 2002 . .	8	X	S	37 266
		15	X	S	46 812
311421G1A1	Canned maraschino cherries, excluding glace and candied . . . . . mil gal . . . . . 2002 . .	5	X	\$28.8	58 344
		7	X	10.6	60 517
311421GY	Canned jams, jellies, and preserves, nsk . . . . . 2002 . .	N	X	X	43 011
		N	X	X	32 926
311421GYWV	Canned jams, jellies, and preserves, nsk . . . . . 2002 . .	N	X	X	43 011
		N	X	X	32 926
311421J	Canned fruit juices, nectars, and concentrates . . . . . 2002 . .	N	X	X	3 283 334
		N	X	X	2 915 653
311421J1	Canned orange juice, single strength . . . . . 2002 . .	N	X	X	1 593 435
		N	X	X	1 433 361
311421J111	Canned orange juice, single strength . . . . . mil gal . . . . . 2002 . .	32	X	S	1 593 435
		36	X	494.1	1 433 361
311421J2	Canned fruit juices, except orange . . . . . 2002 . .	N	X	X	1 626 820
		N	X	X	1 458 638
311421J221	Canned apple juice, single-strength . . . . . mil gal . . . . . 2002 . .	22	X	S	413 335
		34	X	235.8	491 595
311421J231	Canned grapefruit juice, single strength . . . . . mil gal . . . . . 2002 . .	17	X	S	176 608
		20	X	\$61.3	188 923
311421J241	Canned prune juice, single strength . . . . . mil gal . . . . . 2002 . .	13	X	S	86 534
		8	X	D	D
311421J251	Other canned whole fruit juices and mixtures of whole fruit juices . . . . . mil gal . . . . . 2002 . .	22	X	S	709 627
		33	X	146.5	495 555
311421J261	Canned nectars, single strength . . . . . mil gal . . . . . 2002 . .	4	X	S	11 002
		3	X	D	D
311421J271	Fruit juices, concentrated, hot pack . . . . . mil gal snl st equiv . . . . . 2002 . .	14	X	S	229 714
		18	X	\$58.7	191 130
311421JY	Canned fruit juices, nectars, and concentrates, nsk . . . . . 2002 . .	N	X	X	63 079
		N	X	X	23 654
311421JYWV	Canned fruit juices, nectars, and concentrates, nsk . . . . . 2002 . .	N	X	X	63 079
		N	X	X	23 654
311421M	Fresh fruit juices and nectars . . . . . 2002 . .	N	X	X	1 741 920
		N	X	X	1 416 120
311421M1	Fresh fruit juices and nectars . . . . . 2002 . .	N	X	X	1 717 201
		N	X	X	1 400 590
311421M111	Fresh orange juices and nectars, single strength . . . . . mil gal . . . . . 2002 . .	63	X	S	805 709
		110	X	\$340.9	714 703
311421M121	Other fresh juices and nectars, single strength . . . . . mil gal . . . . . 2002 . .	32	X	S	613 529
		58	X	158.2	401 392
311421M131	Concentrated fruit juice, except for fountain use . . . . . mil gal snl st equiv . . . . . 2002 . .	11	X	S	297 963
		16	X	103.4	284 495
311421MY	Fresh fruit juices and nectars, nsk . . . . . 2002 . .	N	X	X	24 719
		N	X	X	15 530
311421MYWV	Fresh fruit juices and nectars, nsk . . . . . 2002 . .	N	X	X	24 719
		N	X	X	15 530
311421P	Pickles and other pickled products . . . . . 2002 . .	N	X	X	1 475 140
		N	X	X	1 232 949
311421P1	Pickles and other pickled products . . . . . 2002 . .	N	X	X	1 412 319
		N	X	X	1 231 331
311421P111	Pickles, dill cucumber, finished . . . . . mil gal . . . . . 2002 . .	12	X	S	503 727
		20	X	131.3	501 433
311421P121	Pickles, sour cucumber, finished . . . . . mil gal . . . . . 2002 . .	4	X	D	D
		5	X	D	D
311421P131	Pickles, sweet cucumber, finished . . . . . mil gal . . . . . 2002 . .	7	X	S	156 049
		14	X	122.1	197 155
311421P141	Pickles, cucumber, finished, refrigerated (overnight, half-sour, artificially acidified, etc.) . . . . . mil gal . . . . . 2002 . .	7	X	S	147 550
		16	X	44.7	152 248
311421P151	Other pickles and pickled products, finished (mushrooms, peppers, onions, etc.) . . . . . mil gal . . . . . 2002 . .	19	X	S	177 514
		20	X	20.5	86 040
311421P161	Horseradish, finished, excluding sauce . . . . . mil gal . . . . . 2002 . .	3	X	1.3	15 476

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311421	Fruit and vegetable canning—Con.				
311421P	Pickles and other pickled products—Con.				
311421P1	Pickles and other pickled products—Con.				
311421P161	Horseradish, finished, excluding sauce—Con.				
		1997..	X	3.8	24 052
311421P171	Relishes, finished .....	2002..	X	S	129 170
		1997..	X	33.4	134 309
311421P181	Sauerkraut, finished .....	2002..	X	S	21 606
		1997..	X	9.5	20 492
311421P191	Other pickled products, finished .....	2002..	X	S	135 866
		1997..	X	23.2	51 270
311421P1A1	Pickles, unfinished (salt stock) .....	2002..	X	D	D
		1997..	X	22.7	20 644
311421P1B1	Cherries, brined, unfinished .....	2002..	X	D	D
		1997..	X	4.1	19 145
311421P1C1	Other pickled products (mushrooms, sauerkraut, etc.), bulk, unfinished .....	2002..	X	283.1	21 901
		1997..	X	D	D
311421PY	Pickles and other pickled products, nsk .....	2002..	X	X	62 821
		1997..	X	X	1 618
311421PYWV	Pickles and other pickled products, nsk .....	2002..	X	X	62 821
		1997..	X	X	1 618
311421W	Fruit and vegetable canning, nsk, total .....	2002..	X	X	1 379 320
		1997..	X	X	505 741
311421WY	Fruit and vegetable canning, nsk, total .....	2002..	X	X	1 379 320
		1997..	X	X	505 741
311421WYWW	Fruit and vegetable canning, nsk, for nonadministrative-record establishments .....	2002..	X	X	910 610
		1997..	X	X	265 216
311421WYWY	Fruit and vegetable canning, nsk, for administrative-record establishments .....	2002..	X	X	468 710
		1997..	X	X	240 525
311422	Specialty canning .....	2002..	X	X	6 528 654
		1997..	X	X	6 408 152
3114221	Canned baby foods, except cereal and biscuits .....	2002..	X	X	560 251
		1997..	X	X	929 732
31142211	Canned baby foods, except cereal and biscuits .....	2002..	X	X	560 251
		1997..	X	X	929 732
3114221100	Canned baby foods, except cereal and biscuits .....	2002..	X	S	560 251
		1997..	X	701.3	929 732
3114224	Canned soups and stews, except frozen and seafood .....	2002..	X	X	3 316 050
		1997..	X	X	2 684 750
31142241	Canned soups and stews, except frozen and seafood .....	2002..	X	X	3 316 050
		1997..	X	X	2 684 750
3114224100	Canned soups and stews, except frozen and seafood .....	2002..	X	X	3 316 050
		1997..	X	X	2 684 750
3114227	Canned dry beans .....	2002..	X	X	1 175 484
		1997..	X	X	1 052 447
31142271	Canned dry beans .....	2002..	X	X	971 640
		1997..	X	X	1 051 871
3114227111	Canned dry beans, containing pork, including baked, 7.1 oz to 13 oz (8 oz short, 8 oz tall, no. 1, picnic, etc.) .....	2002..	X	S	32 413
		1997..	X	4 742.0	39 862
3114227121	Canned dry beans, containing pork, including baked, 13.1 oz to 22 oz (No. 300, No. 303, No. 2, etc.) .....	2002..	X	P21 087.3	363 794
		1997..	X	28 108.7	320 149
3114227131	Canned dry beans, containing pork, including baked, 22.1 oz to 27 oz (jumbo, etc.) .....	2002..	X	—	—
		1997..	X	D	D
3114227141	Canned dry beans, containing pork, including baked, 27.1 oz to 40 oz (no. 2 one-half quart glass, etc.) .....	2002..	X	S	26 468
		1997..	X	D	D
3114227151	Canned dry beans, containing pork, including baked, other sizes .....	2002..	X	X	46 124
		1997..	X	X	63 698
3114227161	Canned dry beans, containing sauce, vegetarian style, including baked, 13.1 oz to 18 oz (no. 300, no. 303, etc.) .....	2002..	X	P12 151.9	58 618
		1997..	X	7 684.4	67 033
3114227171	Canned dry beans, containing sauce, vegetarian style, including baked, other sizes .....	2002..	X	X	46 335
		1997..	X	X	54 653
3114227181	Canned dry beans, all other types, including chili con carne containing less than 20 percent meat, 13.1 oz to 18 oz (no. 300, no. 303, etc.) .....	2002..	X	S	249 504
		1997..	X	42 120.3	359 616
3114227191	Canned dry beans, all other types, including chili con carne containing less than 20 percent meat, all other sizes .....	2002..	X	X	148 384
		1997..	X	X	126 938
3114227Y	Canned dry beans, nsk .....	2002..	X	X	203 844
		1997..	X	X	576
3114227YWV	Canned dry beans, nsk .....	2002..	X	X	203 844
		1997..	X	X	576
311422B	Other canned specialties and nationality foods .....	2002..	X	X	776 119
		1997..	X	X	N
311422B1	Other canned specialties and nationality foods .....	2002..	X	X	776 119
		1997..	X	X	N
311422B111	Canned spaghetti, with or without meat and ravioli .....	2002..	X	X	268 435
		1997..	X	X	N
311422B121	Canned mincemeat .....	2002..	X	2.7	5 655
		1997..	X	N	N
311422B131	Canned Spanish foods (Mexican rice, tortillas, enchiladas) .....	2002..	X	X	167 947
		1997..	X	X	N
311422B141	Canned specialties, other types, except canned meats .....	2002..	X	X	334 082
		1997..	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311422	Specialty canning—Con.				
311422B	Other canned specialties and nationality foods—Con.				
311422BY	Other canned specialties and nationality foods, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
311422BYWV	Other canned specialties and nationality foods, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
311422W	Specialty canning, nsk, total	2002.. N	X	X	700 750
		1997.. N	X	X	277 979
311422WY	Specialty canning, nsk, total	2002.. N	X	X	700 750
		1997.. N	X	X	277 979
311422WYWW	Specialty canning, nsk, for nonadministrative-record establishments	2002.. N	X	X	591 905
		1997.. N	X	X	258 200
311422WYWY	Specialty canning, nsk, for administrative-record establishments	2002.. N	X	X	108 845
		1997.. N	X	X	19 779
311423	Dried and dehydrated food manufacturing	2002.. N	X	X	4 553 355
		1997.. N	X	X	3 225 732
3114231	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon	2002.. N	X	X	1 077 242
		1997.. N	X	X	718 921
31142311	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon	2002.. N	X	X	908 378
		1997.. N	X	X	680 891
3114231113	Soup mixes (including oriental, dried and dehydrated, and freeze-dried), except packaged with purchased dehydrated ingredients	2002.. 7	X	S	525 578
		1997.. N	X	N	N
3114231115	Soup mixes, packaged with purchased dehydrated ingredients	2002.. 7	X	S	326 437
		1997.. N	X	N	N
3114231121	Bouillon	2002.. 10	X	S	56 363
		1997.. 3	X	D	D
3114231Y	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon, nsk	2002.. N	X	X	168 864
		1997.. N	X	X	38 030
3114231YWV	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon, nsk	2002.. N	X	X	168 864
		1997.. N	X	X	38 030
3114235	Dried and dehydrated fruits and vegetables, including freeze-dried	2002.. N	X	X	2 533 441
		1997.. N	X	X	N
31142351	Dried and dehydrated fruits and vegetables, including freeze-dried	2002.. N	X	X	2 076 871
		1997.. N	X	X	N
3114235111	Raisins, dried and dehydrated	2002.. 4	X	S	226 584
		1997.. N	X	N	N
3114235121	Prunes, dried and dehydrated	2002.. 6	X	D	D
		1997.. N	X	N	N
3114235131	Apples, dried and dehydrated	2002.. 6	X	D	D
		1997.. N	X	N	N
3114235143	Other dried and dehydrated fruits and fruit peels (except fruit flour), including meal and powder	2002.. 29	X	S	335 941
		1997.. N	X	N	N
3114235151	Potatoes (except potato flour), dried and dehydrated, except packaged with other ingredients	2002.. 8	X	534.1	431 280
		1997.. N	X	N	N
3114235161	Onions, dried and dehydrated	2002.. 4	X	230.5	241 758
		1997.. N	X	N	N
3114235181	Other dried and dehydrated vegetables	2002.. 22	X	S	428 493
		1997.. N	X	N	N
3114235Y	Dried and dehydrated fruits and vegetables, including freeze-dried, nsk	2002.. N	X	X	456 570
		1997.. N	X	X	N
3114235YWV	Dried and dehydrated fruits and vegetables, including freeze-dried, nsk	2002.. N	X	X	456 570
		1997.. N	X	X	N
3114237	Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen	2002.. N	X	X	129 457
		1997.. N	X	X	N
31142371	Macaroni products (spaghetti, vermicelli, etc.), purchased, dry (less than 14 percent moisture), packaged with other ingredients mitse, except canned or frozen	2002.. N	X	X	D
		1997.. N	X	X	N
3114237100	Macaroni products (spaghetti, vermicelli, etc.), purchased, dry (less than 14 percent moisture), packaged with other ingredients mitse, except canned or frozen	2002.. 4	X	D	D
		1997.. N	X	N	N
31142372	Macaroni products (spaghetti, vermicelli, etc.), purchased, fresh (14 percent or more moisture), packaged with other ingredients mitse, except canned, frozen, or refrigerated	2002.. N	X	X	D
		1997.. N	X	X	N
3114237211	Macaroni products (spaghetti, vermicelli, etc.), purchased, fresh (14 percent or more moisture), packaged with other ingredients mitse, except canned, frozen, or refrigerated	2002.. 5	X	D	D
		1997.. N	X	N	N
31142373	Noodle products, all shapes, sizes, and types (except Chinese), purchased, dry (less than 14 percent moisture), packaged with other ingredients mitse, except canned or frozen	2002.. N	X	X	1 459
		1997.. N	X	X	N
3114237311	Noodle products, all shapes, sizes, and types (except Chinese), purchased, dry (less than 14 percent moisture), packaged with other ingredients mitse, except canned or frozen	2002.. 3	X	.2	1 459
		1997.. N	X	N	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311423	Dried and dehydrated food manufacturing—Con.				
3114237	Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen—Con.				
31142374	Noodle products, all shapes, sizes, and types (except Chinese), purchased, fresh (14 percent or more moisture), packaged with other ingredients mitse, except canned, frozen, or refrigerated .....	2002.. N 1997.. N	X X	X X	D N
3114237411	Noodle products, all shapes, sizes, and types (except Chinese), purchased, fresh (14 percent or more moisture), packaged with other ingredients mitse, except canned, frozen, or refrigerated .....	mil lb. 2002.. 2 1997.. N	X X	D N	D N
3114237Y	Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen, nsk .....	2002.. N 1997.. N	X X	X X	— N
3114237YVV	Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen, nsk .....	2002.. N 1997.. N	X X	X X	— N
3114238	Other purchased products packaged with dried and dehydrated ingredients mitse .....	2002.. N 1997.. N	X X	X X	394 989 N
31142381	Other purchased products packaged with dried and dehydrated ingredients mitse .....	2002.. N 1997.. N	X X	X X	393 537 N
3114238111	Potatoes, purchased, dried and dehydrated, packaged with other dried and dehydrated ingredients mitse .....	mil lb. 2002.. 4 1997.. N	X X	S N	39 302 N
3114238121	Head rice, purchased, packaged with dried and dehydrated ingredients mitse .....	mil lb. 2002.. 6 1997.. N	X X	132.7 N	105 032 N
3114238131	Other dried and dehydrated products, purchased, except pasta and dehydrated dairy mixes, packaged with dried and dehydrated ingredients mitse .....	mil lb. 2002.. 13 1997.. N	X X	295.5 N	249 203 N
3114238Y	Other purchased products packaged with dried and dehydrated ingredients mitse, nsk .....	2002.. N 1997.. N	X X	X X	1 452 N
3114238YVV	Other purchased products packaged with dried and dehydrated ingredients mitse, nsk .....	2002.. N 1997.. N	X X	X X	1 452 N
311423W	Dried and dehydrated food manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	418 226 86 806
311423WY	Dried and dehydrated food manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	418 226 86 806
311423WYWWW	Dried and dehydrated food manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	325 460 56 812
311423WYWY	Dried and dehydrated food manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	92 766 29 994
311511	Fluid milk manufacturing .....	2002.. N 1997.. N	X X	X X	21 614 069 19 468 685
31151111	Fluid milk and cream, bulk sales .....	2002.. N 1997.. N	X X	X X	3 715 643 3 115 437
311511111	Fluid milk, whole, bulk sales .....	2002.. N 1997.. N	X X	X X	1 817 868 1 665 606
3115111111	Fluid milk, whole, bulk sales .....	mil lb. 2002.. 87 1997.. 114	X X	S X	1 817 868 1 665 606
311511112	Fluid milk and cream, other types (except whole), bulk sales .....	2002.. N 1997.. N	X X	X X	1 889 341 1 427 104
3115111221	Fluid milk, skim, bulk sales .....	mil lb. 2002.. 25 1997.. 41	X X	S S	352 870 186 627
3115111231	Fluid cream and buttermilk, bulk sales .....	mil lb. 2002.. 115 1997.. 181	X X	S p2 255.8	1 320 647 1 094 280
3115111241	Other fluid milk and cream (eggnog, lowfat, etc.), bulk sales .....	mil lb. 2002.. 21 1997.. 31	X X	p646.6 432.8	215 824 146 197
3115111Y	Fluid milk and cream, bulk sales, nsk .....	2002.. N 1997.. N	X X	X X	8 434 22 727
3115111YVV	Fluid milk and cream, bulk sales, nsk .....	2002.. N 1997.. N	X X	X X	8 434 22 727
3115115	Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T. ....	2002.. N 1997.. N	X X	X X	12 164 224 N
31151151	Fluid milk, whole, packaged, except U.H.T. ....	2002.. N 1997.. N	X X	X X	4 553 678 N
3115115111	Fluid milk, whole, packaged, except U.H.T. ....	mil qt. 2002.. 115 1997.. N	X X	S N	4 553 678 N
31151152	Fluid milk, lowfat, packaged, except U.H.T. ....	2002.. N 1997.. N	X X	X X	4 176 981 N
3115115211	Fluid milk, lowfat, packaged, except U.H.T. ....	mil qt. 2002.. 106 1997.. N	X X	p8 166.2 N	4 176 981 N
31151153	Fluid milk, skim, packaged, except U.H.T. ....	2002.. N 1997.. N	X X	X X	1 395 733 N
3115115311	Fluid milk, skim, packaged, except U.H.T. ....	mil qt. 2002.. 101 1997.. N	X X	S N	1 395 733 N
31151154	Other fluid milk related products, packaged (including cartons, bottles, cans, and dispenser cans) .....	2002.. N 1997.. N	X X	X X	1 890 663 N
3115115441	Heavy cream (whipping cream containing 36 percent butterfat or more), packaged .....	mil qt. 2002.. 59 1997.. N	X X	S N	350 328 N
3115115451	Light cream (coffee cream containing less than 36 percent butterfat), packaged .....	mil qt. 2002.. 31 1997.. N	X X	S N	182 577 N
3115115461	Sour cream, unflavored, packaged .....	mil qt. 2002.. 64	X	S	743 594

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311511	Fluid milk manufacturing—Con.				
3115115	Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T.—Con.				
31151154	Other fluid milk related products, packaged (including cartons, bottles, cans, and dispenser cans)—Con.				
3115115461	Sour cream, unflavored, packaged—Con.				
3115115471	Half and half, packaged . . . . . mil qt.	1997.. N 2002.. 60	X X	N 449.8	N 461 995
3115115481	Whipped topping, butterfat base, packaged . . . . . mil qt.	1997.. N 2002.. 14	X X	N S	N 152 169
3115115Y	Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T., nsk . . . . .	2002.. N 1997.. N	X X	X X	147 169 N
3115115YWV	Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T., nsk . . . . .	2002.. N 1997.. N	X X	X X	147 169 N
3115117	Cottage cheese (including bakers', pot, and farmers' cheese) . . . . .	2002.. N 1997.. N	X X	X X	770 882 720 202
31151171	Cottage cheese (including bakers', pot, and farmers' cheese) . . . . .	2002.. N 1997.. N	X X	X X	743 775 708 721
3115117111	Cottage cheese (including bakers', pot, and farmers' cheese), manufactured and creamed in same establishment . . . . . mil lb.	2002.. 39 1997.. 66	X X	730.6 668.2	623 011 603 866
3115117121	Cottage cheese (including bakers', pot, and farmers' cheese), manufactured in same establishment, sold as curd (not creamed) . . . . . mil lb.	2002.. 13 1997.. 13	X X	S 67.0	75 359 72 517
3115117131	Cottage cheese (including bakers', pot, and farmers' cheese), creamed in same establishment from purchased curd . . . . . mil lb.	2002.. 7 1997.. 8	X X	S 32.8	45 405 32 338
3115117Y	Cottage cheese (including bakers', pot, and farmers' cheese), nsk . . . . .	2002.. N 1997.. N	X X	X X	27 107 11 481
3115117YWV	Cottage cheese (including bakers', pot, and farmers' cheese), nsk . . . . .	2002.. N 1997.. N	X X	X X	27 107 11 481
311511A	Yogurt, except frozen . . . . .	2002.. N 1997.. N	X X	X X	2 162 718 1 334 927
311511A1	Yogurt, except frozen . . . . .	2002.. N 1997.. N	X X	X X	2 085 376 1 217 336
311511A111	Yogurt, regular and lowfat, except frozen . . . . . mil lb.	2002.. 44 1997.. 38	X X	S 1 297.7	1 639 355 1 023 329
311511A121	Yogurt, nonfat, except frozen . . . . . mil lb.	2002.. 23 1997.. 20	X X	S 272.9	446 021 194 007
311511AY	Yogurt, except frozen, nsk . . . . .	2002.. N 1997.. N	X X	X X	77 342 117 591
311511AYWV	Yogurt, except frozen, nsk . . . . .	2002.. N 1997.. N	X X	X X	77 342 117 591
311511D	Perishable dairy product substitutes . . . . .	2002.. N 1997.. N	X X	X X	766 216 477 766
311511D1	Perishable dairy product substitutes . . . . .	2002.. N 1997.. N	X X	X X	738 537 477 309
311511D111	Perishable flavored dip substitutes . . . . . mil qt.	2002.. 10 1997.. 9	X X	S 40.9	104 559 40 523
311511D121	Perishable whipped topping (including pressure can type), nonbutterfat base . . . . . mil lb.	2002.. 10 1997.. 16	X X	P40.8 26.2	47 637 28 960
311511D131	Perishable coffee whitener substitutes . . . . . mil qt.	2002.. 16 1997.. 23	X X	214.5 S	375 642 244 462
311511D141	Perishable sour cream substitutes . . . . .	2002.. 9 1997.. 10	X X	X X	14 291 11 274
311511D151	Perishable flavored milk drink substitutes (chocolate, etc.) . . . . . mil qt.	2002.. 15 1997.. 21	X X	S 111.9	69 616 57 757
311511D161	Other perishable dairy product substitutes . . . . .	2002.. 9 1997.. 18	X X	X X	126 792 94 333
311511DY	Perishable dairy product substitutes, nsk . . . . .	2002.. N 1997.. N	X X	X X	27 679 457
311511DYWV	Perishable dairy product substitutes, nsk . . . . .	2002.. N 1997.. N	X X	X X	27 679 457
311511G	Other packaged milk products . . . . .	2002.. N 1997.. N	X X	X X	1 436 658 1 054 079
311511G1	Other packaged milk products . . . . .	2002.. N 1997.. N	X X	X X	1 390 514 1 050 772
311511G111	Flavored sour cream dips . . . . . mil qt.	2002.. 26 1997.. 40	X X	S S	131 363 120 344
311511G121	Flavored milks (chocolate, etc.) . . . . . mil qt.	2002.. 70 1997.. 122	X X	P1 279.8 985.2	885 704 620 137
311511G131	Other milk products (eggnog, buttermilk, acidophilus milk, reconstituted milk, etc.) . . . . . mil qt.	2002.. 68 1997.. 100	X X	S P453.7	373 447 310 291
311511GY	Other packaged milk products, nsk . . . . .	2002.. N 1997.. N	X X	X X	46 144 3 307
311511GYWV	Other packaged milk products, nsk . . . . .	2002.. N 1997.. N	X X	X X	46 144 3 307
311511W	Fluid milk manufacturing, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	597 728 298 236
311511WY	Fluid milk manufacturing, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	597 728 298 236
311511WYWV	Fluid milk manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	260 853 201 311
311511WYWV	Fluid milk manufacturing, nsk, for administrative-record establishments . . . . .	2002.. N	X	X	336 875

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
311511	Fluid milk manufacturing—Con.					
311511W	Fluid milk manufacturing, nsk, total—Con.					
311511WY	Fluid milk manufacturing, nsk, total—Con.					
311511WYWY	Fluid milk manufacturing, nsk, for administrative-record establishments—Con.					
		1997..	N	X	X	96 925
311512	Creamery butter manufacturing .....	2002..	N	X	X	1 996 863
		1997..	N	X	X	1 636 080
3115120	Creamery butter manufacturing .....	2002..	N	X	X	1 996 863
		1997..	N	X	X	1 636 080
31151201	Creamery butter .....	2002..	N	X	X	1 946 700
		1997..	N	X	X	1 635 473
3115120111	Creamery butter, shipped in bulk (containers more than 3 lb) .....	mil lb. 2002..	33	X	<sup>9</sup> 760.8	1 011 642
		1997..	57	X	<sup>6</sup> 684.3	758 255
3115120121	Creamery butter, shipped in consumer packages (containers 3 lb or less) .....	mil lb. 2002..	26	X	<sup>6</sup> 685.0	853 505
		1997..	34	X	<sup>6</sup> 67.0	805 768
3115120131	Creamery butter, anhydrous milkfat (butteroil) .....	mil lb. 2002..	8	X	<sup>5</sup> 55.3	81 553
		1997..	5	X	48.6	71 450
3115120Y	Creamery butter manufacturing, nsk, total .....	2002..	N	X	X	50 163
		1997..	N	X	X	607
3115120YWW	Creamery butter manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	30 406
		1997..	N	X	X	—
3115120YWY	Creamery butter manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	19 757
		1997..	N	X	X	607
311513	Cheese manufacturing .....	2002..	N	X	X	20 075 599
		1997..	N	X	X	18 221 638
3115131	Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried, etc.), except cottage cheese .....	2002..	N	X	X	13 719 763
		1997..	N	X	X	13 102 105
31151311	Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried, etc.), except cottage cheese .....	2002..	N	X	X	13 688 158
		1997..	N	X	X	13 085 286
3115131111	Natural cheese, except lowfat and cottage cheese, shipped in consumer packages or containers (3 lb or less) .....	mil lb. 2002..	79	X	S	4 322 559
		1997..	106	X	<sup>2</sup> 319.0	3 973 946
3115131121	Natural cheese, except lowfat and cottage cheese, shipped in packages or containers (more than 3 lb) or in bulk .....	mil lb. 2002..	118	X	<sup>5</sup> 998.1	8 267 861
		1997..	168	X	<sup>5</sup> 726.0	8 027 082
3115131131	Natural cheese, lowfat, except cottage cheese, shipped in consumer packages or containers (3 lb or less) .....	mil lb. 2002..	25	X	S	343 950
		1997..	28	X	<sup>2</sup> 00.4	367 985
3115131141	Natural cheese, lowfat, except cottage cheese, shipped in packages or containers (more than 3 lb) or in bulk .....	mil lb. 2002..	29	X	<sup>5</sup> 32.7	753 788
		1997..	42	X	471.4	716 273
3115131Y	Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried, etc.), except cottage cheese, nsk .....	2002..	N	X	X	31 605
		1997..	N	X	X	16 819
3115131YWW	Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried, etc.), except cottage cheese, nsk .....	2002..	N	X	X	31 605
		1997..	N	X	X	16 819
3115134	Process cheese and related products .....	2002..	N	X	X	5 158 468
		1997..	N	X	X	4 325 684
31151341	Process cheese, shipped in consumer packages or containers (3 lb or less) .....	2002..	N	X	X	1 480 088
		1997..	N	X	X	1 402 853
3115134111	Process cheese, shipped in consumer packages or containers (3 lb or less) .....	mil lb. 2002..	32	X	S	1 480 088
		1997..	28	X	<sup>7</sup> 61.0	1 402 853
31151342	All other process cheese and related products .....	2002..	N	X	X	3 643 328
		1997..	N	X	X	2 912 167
3115134221	Process cheese, shipped in packages or containers (more than 3 lb) or in bulk .....	mil lb. 2002..	24	X	<sup>1</sup> 443.8	1 987 815
		1997..	32	X	<sup>1</sup> 465.8	1 996 697
3115134231	Cheese food .....	mil lb. 2002..	17	X	<sup>8</sup> 65.8	929 453
		1997..	22	X	<sup>2</sup> 52.4	451 161
3115134241	Cheese spread .....	mil lb. 2002..	18	X	S	274 017
		1997..	19	X	S	273 491
3115134251	Other related cheese products, including flavored cheese dips .....	mil lb. 2002..	18	X	<sup>4</sup> 16.6	452 043
		1997..	24	X	<sup>1</sup> 12.8	190 818
3115134Y	Process cheese and related products, nsk .....	2002..	N	X	X	35 052
		1997..	N	X	X	10 664
3115134YWW	Process cheese and related products, nsk .....	2002..	N	X	X	35 052
		1997..	N	X	X	10 664
3115137	Cheese substitutes and imitations .....	2002..	N	X	X	489 267
		1997..	N	X	X	345 514
31151371	Cheese substitutes and imitations .....	2002..	N	X	X	457 733
		1997..	N	X	X	345 514
3115137111	Products substituting for natural cheese .....	mil lb. 2002..	9	X	S	178 106
		1997..	10	X	<sup>1</sup> 73.5	175 123
3115137121	Products substituting for processed cheese and related products .....	mil lb. 2002..	9	X	227.0	279 627
		1997..	10	X	S	170 391
3115137Y	Cheese substitutes and imitations, nsk .....	2002..	N	X	X	31 534
		1997..	N	X	X	—
3115137YWW	Cheese substitutes and imitations, nsk .....	2002..	N	X	X	31 534
		1997..	N	X	X	—
311513A	Raw liquid whey .....	2002..	N	X	X	118 285
		1997..	N	X	X	113 249

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311513	Cheese manufacturing—Con.				
311513A	Raw liquid whey—Con.				
311513A1	Raw liquid whey . . . . .	2002 . . . . . N	X	X	118 285
		1997 . . . . . N	X	X	113 249
311513A100	Raw liquid whey . . . . . mil lb.	2002 . . . . . 33	X	S	118 285
		1997 . . . . . 32	X	S	113 249
311513W	Cheese manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	589 816
		1997 . . . . . N	X	X	335 086
311513WY	Cheese manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	589 816
		1997 . . . . . N	X	X	335 086
311513WYWW	Cheese manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N	X	X	119 228
		1997 . . . . . N	X	X	144 123
311513WYWY	Cheese manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N	X	X	470 588
		1997 . . . . . N	X	X	190 963
311514	Dry, condensed, and evaporated dairy product manufacturing . . . . .	2002 . . . . . N	X	X	9 734 613
		1997 . . . . . N	X	X	8 570 999
3115141	Dry milk products and mixtures . . . . .	2002 . . . . . N	X	X	4 191 750
		1997 . . . . . N	X	X	3 538 811
31151411	Dry milk, nonfat, shipped in consumer type packages (3 lb or less) . . . . .	2002 . . . . . N	X	X	118 721
		1997 . . . . . N	X	X	100 569
3115141111	Dry milk, nonfat, shipped in consumer type packages (3 lb or less) . . . . . mil lb.	2002 . . . . . 9	X	S	118 721
		1997 . . . . . 7	X	S	100 569
31151412	Dry milk, infants' formula, shipped in consumer type packages (3 lb or less) . . . . .	2002 . . . . . N	X	X	1 205 547
		1997 . . . . . N	X	X	646 386
3115141221	Dry milk, infants' formula, shipped in consumer type packages (3 lb or less) . . . . . mil lb.	2002 . . . . . 8	X	S	1 205 547
		1997 . . . . . 6	X	S	646 386
31151413	Dry milk, other types (instant chocolate milk, weight control products, whole milk powder, malted milk powder, etc.), shipped in consumer type packages (3 lb or less) . . . . .	2002 . . . . . N	X	X	392 766
		1997 . . . . . N	X	X	405 374
3115141331	Dry milk, other types (instant chocolate milk, weight control products, whole milk powder, malted milk powder, etc.), shipped in consumer type packages (3 lb or less) . . . . . mil lb.	2002 . . . . . 15	X	S	392 766
		1997 . . . . . 12	X	S	405 374
31151414	Dry milk, whole, food grade (bakeries, confectioners, meat packers, etc.), shipped in bulk (more than 3 lb) . . . . .	2002 . . . . . N	X	X	150 409
		1997 . . . . . N	X	X	132 495
3115141441	Dry milk, whole, food grade (bakeries, confectioners, meat packers, etc.), shipped in bulk (more than 3 lb) . . . . . mil lb.	2002 . . . . . 13	X	S	150 409
		1997 . . . . . 12	X	S	132 495
31151415	Dry milk, nonfat, food grade (bakeries, confectioners, meat packers, etc.), shipped in bulk (more than 3 lb) . . . . .	2002 . . . . . N	X	X	1 317 582
		1997 . . . . . N	X	X	1 310 156
3115141551	Dry milk, nonfat, food grade (bakeries, confectioners, meat packers, etc.), shipped in bulk (more than 3 lb) . . . . . mil lb.	2002 . . . . . 24	X	S	1 317 582
		1997 . . . . . 34	X	S	1 310 156
31151416	Dry and modified dry whey products (including dry lactose), food grade (bakeries, confectioners, meat packers, etc.) shipped in bulk (more than 3 lb) . . . . .	2002 . . . . . N	X	X	633 420
		1997 . . . . . N	X	X	572 844
3115141661	Dry whey, food grade (bakeries, confectioners, meat packers, etc.), shipped in bulk (more than 3 lb) . . . . . mil lb.	2002 . . . . . 24	X	S	304 627
		1997 . . . . . 37	X	S	284 206
3115141671	Modified dry whey products (whey protein concentrates, etc.), food grade (bakeries, confectioners, meat packers, etc.), shipped in bulk (more than 3 lb) . . . . . mil lb.	2002 . . . . . 19	X	S	248 693
		1997 . . . . . 24	X	S	212 865
3115141681	Dry lactose, food grade (bakeries, confectioners, meat packers, etc.), shipped in bulk (more than 3 lb) . . . . . mil lb.	2002 . . . . . 15	X	S	80 100
		1997 . . . . . 18	X	S	75 773
31151417	Dry milk products, other types, food grade, shipped in bulk (more than 3 lb) . . . . .	2002 . . . . . N	X	X	261 268
		1997 . . . . . N	X	X	300 789
3115141791	Dry milk products, other types, food grade, shipped in bulk (more than 3 lb) . . . . . mil lb.	2002 . . . . . 26	X	S	261 268
		1997 . . . . . 30	X	S	300 789
31151418	Dry milk products and mixtures (dry milk, dry buttermilk, dry whey, etc.), feed grade, shipped in bulk (more than 3 lb) . . . . .	2002 . . . . . N	X	X	74 255
		1997 . . . . . N	X	X	61 537
31151418A1	Dry milk products and mixtures (dry milk, dry buttermilk, dry whey, etc.), feed grade, shipped in bulk (more than 3 lb) . . . . . mil lb.	2002 . . . . . 16	X	S	74 255
		1997 . . . . . 26	X	S	61 537
3115141Y	Dry milk products and mixtures, nsk . . . . .	2002 . . . . . N	X	X	37 782
		1997 . . . . . N	X	X	8 661
3115141YWV	Dry milk products and mixtures, nsk . . . . .	2002 . . . . . N	X	X	37 782
		1997 . . . . . N	X	X	8 661
3115145	Milk products, shipped in consumer-type cans, except substitutes . . . . .	2002 . . . . . N	X	X	2 117 680
		1997 . . . . . N	X	X	N
31151451	Evaporated milk, condensed milk, and milk-based dietary supplements and weight control products, shipped in consumer-type cans, except substitutes . . . . .	2002 . . . . . N	X	X	861 110
		1997 . . . . . N	X	X	N
3115145111	Evaporated milk, shipped in consumer-type cans, except substitutes . . . . . mil lb.	2002 . . . . . 7	X	D	D
		1997 . . . . . N	X	N	N
3115145121	Condensed milk, shipped in consumer-type cans, except substitutes . . . . . mil lb.	2002 . . . . . 6	X	D	D
		1997 . . . . . N	X	N	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311514	Dry, condensed, and evaporated dairy product manufacturing—Con.				
3115145	Milk products, shipped in consumer-type cans, except substitutes—Con.				
31151451	Evaporated milk, condensed milk, and milk-based dietary supplements and weight control products, shipped in consumer-type cans, except substitutes—Con.				
3115145131	Milk-based dietary supplements and weight control products, shipped in consumer-type cans, except substitutes . . . . . mil lb. .2002..	7	X	S	494 643
		N	X	N	N
31151452	Milk-based infants' formula, liquid, consumer-type cans, except substitutes . . . . . 2002..	N	X	X	625 857
		N	X	X	N
3115145241	Milk-based infants' formula, liquid, consumer-type cans, except substitutes . . . . . mil lb. .2002..	7	X	S	625 857
		N	X	N	N
31151453	Other milk products, including whole milk, consumer-type cans, except substitutes . . . . . 2002..	N	X	X	D
		N	X	X	N
3115145351	Other milk products, including whole milk, consumer-type cans, except substitutes . . . . . mil lb. .2002..	3	X	D	D
		N	X	N	N
31151454	U.H.T. fluid milk . . . . . 2002..	N	X	X	D
		N	X	X	N
3115145441	U.H.T. fluid milk, whole . . . . . mil qt. .2002..	15	X	S	129 627
		N	X	N	N
3115145442	U.H.T. fluid milk, lowfat, packaged . . . . . mil qt. .2002..	15	X	S	216 922
		N	X	N	N
3115145443	U.H.T. fluid milk, skim, packaged . . . . . mil qt. .2002..	12	X	D	D
		N	X	N	N
3115145Y	Milk products, shipped in consumer-type cans, except substitutes, nsk . . . . . 2002..	N	X	X	—
		N	X	X	N
3115145YVV	Milk products, shipped in consumer-type cans, except substitutes, nsk . . . . . 2002..	N	X	X	—
		N	X	X	N
3115147	Concentrated milk products, shipped in bulk (barrels, drums, and tanks) . . . . . 2002..	N	X	X	558 277
		N	X	X	747 841
31151471	Concentrated milk products, shipped in bulk (barrels, drums, and tanks) . . . . . 2002..	N	X	X	546 356
		N	X	X	747 841
3115147111	Concentrated milk products, including concentrated whey and buttermilk, shipped in bulk (barrels, drums, and tanks), feed grade . . . . . mil lb. .2002..	9	X	S	57 673
		9	X	S	40 962
3115147121	Concentrated milk products, whey (solids), shipped in bulk (barrels, drums, and tanks), food grade (except all types of ice cream mixes) . . . . . mil lb. .2002..	15	X	S	135 904
		28	X	¶1 438.7	137 706
3115147131	Concentrated milk products, all other types, shipped in bulk (drums, barrels, and tanks), food grade (except ice cream and ice cream mixes) . . . . . mil lb. .2002..	23	X	¶633.7	352 779
		29	X	1 339.6	569 173
3115147Y	Concentrated milk products, shipped in bulk (barrels, drums, and tanks), nsk . . . . . 2002..	N	X	X	11 921
		N	X	X	—
3115147YVV	Concentrated milk products, shipped in bulk (barrels, drums, and tanks), nsk . . . . . 2002..	N	X	X	11 921
		N	X	X	—
311514A	Ice cream mixes and related products . . . . . 2002..	N	X	X	871 351
		N	X	X	876 668
311514A1	Ice cream mixes and related products . . . . . 2002..	N	X	X	630 498
		N	X	X	589 050
311514A111	Ice cream mix, excluding lowfat and nonfat . . . . . mil gal. .2002..	68	X	S	443 098
		97	X	¶127.3	441 970
311514A121	Ice cream mix, lowfat . . . . . mil gal. .2002..	37	X	S	160 882
		54	X	¶47.8	142 111
311514A131	Ice cream mix, nonfat . . . . . mil gal. .2002..	9	X	7.7	26 518
		8	X	S	4 969
311514A2	Other milk-based mixes (sherbet, yogurt, milkshake, etc.) . . . . . 2002..	N	X	X	240 688
		N	X	X	285 920
311514A241	Sherbet mix . . . . . mil gal. .2002..	6	X	S	6 157
		14	X	¶4.7	14 969
311514A251	Yogurt mix . . . . . mil gal. .2002..	21	X	S	71 220
		39	X	¶16.8	51 679
311514A261	Milkshake mix . . . . . mil gal. .2002..	27	X	S	103 272
		45	X	46.4	119 786
311514A271	Other milk-based mixes . . . . . mil gal. .2002..	25	X	S	60 039
		31	X	S	99 486
311514AY	Ice cream mixes and related products, nsk . . . . . 2002..	N	X	X	165
		N	X	X	1 698
311514AYVV	Ice cream mixes and related products, nsk . . . . . 2002..	N	X	X	165
		N	X	X	1 698
311514D	Dairy product substitutes . . . . . 2002..	N	X	X	1 874 117
		N	X	X	1 899 881
311514D1	Dairy product substitutes . . . . . 2002..	N	X	X	1 853 713
		N	X	X	1 896 324
311514D111	Dry coffee whitener . . . . . mil lb. .2002..	10	X	¶612.0	514 613
		19	X	515.4	346 163
311514D121	Dry infants' formula . . . . . mil lb. .2002..	4	X	D	D
		4	X	D	D
311514D131	Dry sour cream . . . . . mil lb. .2002..	3	X	D	D
		2	X	D	D
311514D141	Other dry dairy substitutes (whipped topping, etc.) . . . . . 2002..	6	X	X	19 299
		15	X	X	76 278
311514D151	Canned liquid infants' formula . . . . . mil lb. .2002..	5	X	D	D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311514	Dry, condensed, and evaporated dairy product manufacturing—Con.				
311514D	Dairy product substitutes—Con.				
311514D1	Dairy product substitutes—Con.				
311514D151	Canned liquid infants' formula—Con.	1997..	2	X	D
311514D161	Other canned dairy product substitutes, including dietary supplements and weight control products .....	mil lb. 2002..	20	X	S
		1997..	23	X	P814.9
311514DY	Dairy product substitutes, nsk .....	2002..	N	X	X
		1997..	N	X	X
311514DYWV	Dairy product substitutes, nsk .....	2002..	N	X	X
		1997..	N	X	X
311514W	Dry, condensed, and evaporated dairy product manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
311514WY	Dry, condensed, and evaporated dairy product manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
311514WYWW	Dry, condensed, and evaporated dairy product manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
311514WYWY	Dry, condensed, and evaporated dairy product manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
311520	Ice cream and frozen dessert manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3115200	Ice cream and frozen dessert manufacturing .....	2002..	N	X	X
		1997..	N	X	X
31152001	Ice cream, including custards (except lowfat and nonfat), shipped in bulk (containers 3 gallons or more) .....	2002..	N	X	X
		1997..	N	X	X
3115200111	Ice cream, including custards (except lowfat and nonfat), shipped in bulk (containers 3 gallons or more) .....	mil gal. 2002..	77	X	S
		1997..	135	X	¶138.7
31152002	Ice cream, including custards (except lowfat and nonfat), shipped in container sizes less than 3 gallons .....	2002..	N	X	X
		1997..	N	X	X
3115200221	Ice cream, including custards (except lowfat and nonfat), shipped in container sizes less than 3 gallons .....	mil gal. 2002..	80	X	¶771.7
		1997..	143	X	¶748.9
31152003	Ice cream, including custards (except lowfat and nonfat), novelty forms .....	2002..	N	X	X
		1997..	N	X	X
3115200331	Ice cream, including custards (except lowfat and nonfat), novelty forms .....	mil gal. 2002..	51	X	¶355.4
		1997..	89	X	¶163.0
31152004	Ice cream, including custards, lowfat and nonfat .....	2002..	N	X	X
		1997..	N	X	X
3115200441	Ice cream, including custards, lowfat, shipped in bulk (containers 3 gallons or more) .....	mil gal. 2002..	16	X	S
		1997..	17	X	S
3115200451	Ice cream, including custards, lowfat, shipped in container sizes less than 3 gallons .....	mil gal. 2002..	40	X	S
		1997..	65	X	¶77.7
3115200461	Ice cream, including custards, lowfat, novelty forms .....	mil gal. 2002..	20	X	¶10.6
		1997..	30	X	S
3115200471	Ice cream, including custards, nonfat, shipped in bulk (containers 3 gallons or more) .....	mil gal. 2002..	3	X	S
		1997..	6	X	¶1.0
3115200481	Ice cream, including custards, nonfat, shipped in container sizes less than 3 gallons .....	mil gal. 2002..	14	X	S
		1997..	23	X	18.9
3115200491	Ice cream, including custards, nonfat, novelty forms .....	mil gal. 2002..	5	X	3.5
		1997..	6	X	.8
31152005	Other frozen desserts (yogurt, sherbet, water ices, mellorine, frozen pudding, etc.) .....	2002..	N	X	X
		1997..	N	X	X
31152005A1	Frozen yogurt, regular and lowfat .....	mil gal. 2002..	33	X	S
		1997..	65	X	¶58.1
31152005B1	Frozen yogurt, nonfat .....	mil gal. 2002..	16	X	S
		1997..	32	X	S
31152005C1	Sherbet, shipped in bulk (containers 3 gallons or more) .....	mil gal. 2002..	20	X	S
		1997..	36	X	S
31152005D1	Sherbet, shipped in all other sizes, including novelty forms .....	mil gal. 2002..	36	X	S
		1997..	62	X	¶31.9
31152005E1	Water ices, containing no real fruit or fruit juice .....	mil gal. 2002..	18	X	¶106.3
		1997..	45	X	¶63.1
31152005F1	Water ices, containing some real fruit or fruit juice .....	mil gal. 2002..	19	X	S
		1997..	42	X	¶51.4
31152005G1	Mellorine and similar frozen desserts, including tofu-type, containing fats (except butterfat) .....	mil gal. 2002..	6	X	S
		1997..	8	X	S
31152005H1	Other frozen desserts (frozen pudding, etc.) .....	mil gal. 2002..	12	X	S
		1997..	19	X	S
3115200Y	Ice cream and frozen dessert manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
3115200YWW	Ice cream and frozen dessert manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
3115200YWY	Ice cream and frozen dessert manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
311611	Animal (except poultry) slaughtering .....	2002..	N	X	X
		1997..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
311611	Animal (except poultry) slaughtering—Con.					
3116111	Beef, not canned or made into sausage, made in slaughtering plants .....	2002..	N	X	X	32 121 801
		1997..	N	X	X	28 133 566
31161111	Beef, fresh and frozen whole carcass and half carcass, not canned or made into sausage, made in slaughtering plants .....	2002..	N	X	X	3 364 379
		1997..	N	X	X	6 733 819
311611111	Beef, fresh and frozen whole carcass and half carcass, not canned or made into sausage, made in slaughtering plants .....	mil lb. 2002..	82	X	S	3 364 379
		1997..	77	X	S	6 733 819
31161112	Beef, fresh and frozen primal cuts, not canned or made into sausage, made in slaughtering plants .....	2002..	N	X	X	1 989 490
		1997..	N	X	X	1 127 657
311611221	Beef, fresh and frozen primal cuts, not canned or made into sausage, made in slaughtering plants .....	mil lb. 2002..	25	X	S	1 989 490
		1997..	41	X	S	1 127 657
31161113	Beef, fresh and frozen subprimal and fabricated cuts packaged in plastics (boxed beef), not canned or made into sausage, made in slaughtering plants .....	2002..	N	X	X	18 267 147
		1997..	N	X	X	15 406 921
3116111331	Beef, fresh and frozen subprimal and fabricated cuts packaged in plastics (boxed beef), not canned or made into sausage, made in slaughtering plants .....	mil lb. 2002..	57	X	10 515.9	18 267 147
		1997..	74	X	910 360.9	15 406 921
31161114	Beef, other fresh and frozen subprimal and fabricated cuts, not canned or made into sausage, made in slaughtering plants .....	2002..	N	X	X	341 800
		1997..	N	X	X	155 518
311611441	Beef, other fresh and frozen subprimal and fabricated cuts, not canned or made into sausage, made in slaughtering plants .....	mil lb. 2002..	25	X	S	341 800
		1997..	23	X	89.7	155 518
31161115	Beef, fresh and frozen boneless (including hamburger), not canned or made into sausage, made in slaughtering plants .....	2002..	N	X	X	6 814 073
		1997..	N	X	X	3 257 140
311611551	Beef, fresh and frozen boneless (including hamburger), not canned or made into sausage, made in slaughtering plants .....	mil lb. 2002..	69	X	95 579.4	6 814 073
		1997..	100	X	P3 069.6	3 257 140
31161116	Beef, fresh and frozen variety meats (edible organs) and other meats, not canned or made into sausage, made in slaughtering plants .....	2002..	N	X	X	1 033 042
		1997..	N	X	X	1 105 503
311611661	Beef, fresh and frozen variety meats (edible organs), not canned or made into sausage, made in slaughtering plants .....	mil lb. 2002..	32	X	S	948 833
		1997..	40	X	1 427.5	947 912
311611671	Beef, other fresh and frozen edible meats (including corned beef), not canned or made into sausage, made in slaughtering plants .....	mil lb. 2002..	7	X	S	84 209
		1997..	18	X	108.4	157 591
3116111Y	Beef, not canned or made into sausage, made in slaughtering plants, nsk .....	2002..	N	X	X	311 870
		1997..	N	X	X	347 008
3116111YWV	Beef, not canned or made into sausage, made in slaughtering plants, nsk .....	2002..	N	X	X	311 870
		1997..	N	X	X	347 008
3116114	Veal, not canned or made into sausage, made in slaughtering plants .....	2002..	N	X	X	476 889
		1997..	N	X	X	355 320
31161141	Veal, not canned or made into sausage, made in slaughtering plants .....	2002..	N	X	X	471 742
		1997..	N	X	X	347 848
311611411	Veal, fresh and frozen whole carcass and half carcass, not canned or made into sausage, made in slaughtering plants .....	mil lb. 2002..	16	X	66.3	98 056
		1997..	16	X	71.9	116 435
3116114121	Veal, fresh and frozen primal, subprimal, fabricated cuts, and boneless, not canned or made into sausage, made in slaughtering plants .....	mil lb. 2002..	23	X	148.8	361 131
		1997..	22	X	116.1	217 631
3116114131	Veal, other fresh and frozen edible meats (including edible organs), not canned or made into sausage, made in slaughtering plants .....	mil lb. 2002..	8	X	S	12 555
		1997..	11	X	S	13 782
3116114Y	Veal, not canned or made into sausage, made in slaughtering plants, nsk .....	2002..	N	X	X	5 147
		1997..	N	X	X	7 472
3116114YWV	Veal, not canned or made into sausage, made in slaughtering plants, nsk .....	2002..	N	X	X	5 147
		1997..	N	X	X	7 472
3116117	Lamb and mutton, not canned or made into sausage, made in slaughtering plants .....	2002..	N	X	X	281 392
		1997..	N	X	X	375 767
31161171	Lamb and mutton, not canned or made into sausage, made in slaughtering plants .....	2002..	N	X	X	278 016
		1997..	N	X	X	373 023
3116117111	Lamb and mutton, fresh and frozen whole carcass and half carcass, not canned or made into sausage, made in slaughtering plants .....	mil lb. 2002..	10	X	P114.6	160 490
		1997..	15	X	S	233 244
3116117121	Lamb and mutton, fresh and frozen primal cuts and all other edible meats, not canned or made into sausage, made in slaughtering plants .....	mil lb. 2002..	12	X	S	117 526
		1997..	14	X	65.3	139 779
3116117Y	Lamb and mutton, not canned or made into sausage, made in slaughtering plants, nsk .....	2002..	N	X	X	3 376

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311611	Animal (except poultry) slaughtering—Con.				
3116117	Lamb and mutton, not canned or made into sausage, made in slaughtering plants—Con.				
3116117Y	Lamb and mutton, not canned or made into sausage, made in slaughtering plants, nsk—Con.				
3116117YWV	Lamb and mutton, not canned or made into sausage, made in slaughtering plants, nsk	1997..	N	X	X 2 744
		2002..	N	X	X 3 376
		1997..	N	X	X 2 744
311611A	Pork, not canned or made into sausage, made in slaughtering plants	2002..	N	X	X 12 140 264
		1997..	N	X	X 11 806 893
311611A1	Pork, not canned or made into sausage, made in slaughtering plants	2002..	N	X	X 12 130 099
		1997..	N	X	X 11 777 787
311611A111	Pork, fresh and frozen whole carcass and half carcass, not canned or made into sausage, made in slaughtering plants	mil lb. 2002..	36	X	S 465 598
		1997..	34	X	1 410.3 1 270 903
311611A121	Pork, fresh and frozen primal and fabricated cuts (including trimmings), not canned or made into sausage, made in slaughtering plants	mil lb. 2002..	64	X	P13 742.5 11 364 913
		1997..	86	X	S 10 249 430
311611A131	Pork, fresh and frozen variety meats (edible organs), not canned or made into sausage, made in slaughtering plants	mil lb. 2002..	24	X	S 299 588
		1997..	30	X	S 257 454
311611AY	Pork, not canned or made into sausage, made in slaughtering plants, nsk	2002..	N	X	X 10 165
		1997..	N	X	X 29 106
311611AYWV	Pork, not canned or made into sausage, made in slaughtering plants, nsk	2002..	N	X	X 10 165
		1997..	N	X	X 29 106
311611D	Lard, made in slaughtering plants	2002..	N	X	X 43 679
		1997..	N	X	X D
311611D1	Lard, made in slaughtering plants	2002..	N	X	X 43 679
		1997..	N	X	X D
311611D111	Lard, consumer sizes (containers 3 pounds or less), made in slaughtering plants	mil lb. 2002..	4	X	P16.8 5 157
		1997..	3	X	D D
311611D121	Lard, commercial sizes (containers 3 pounds or more), made in slaughtering plants	mil lb. 2002..	8	X	P205.4 38 522
		1997..	9	X	D D
311611DY	Lard, made in slaughtering plants, nsk	2002..	N	X	X —
		1997..	N	X	X 284
311611DYWV	Lard, made in slaughtering plants, nsk	2002..	N	X	X —
		1997..	N	X	X 284
311611G	Pork, processed or cured, not canned or made into sausage, made in slaughtering plants	2002..	N	X	X 2 253 712
		1997..	N	X	X 2 972 828
311611G1	Pork, processed or cured, not canned or made into sausage, made in slaughtering plants	2002..	N	X	X 2 184 958
		1997..	N	X	X 2 928 028
311611G111	Pork, sweet-pickled or dry-cured (not smoked, cooked, canned, or made into sausage), made in slaughtering plants	mil lb. 2002..	7	X	S 84 573
		1997..	4	X	D D
311611G121	Pork, dry salt, not canned or made into sausage, made in slaughtering plants	mil lb. 2002..	10	X	S 15 652
		1997..	11	X	D D
311611G131	Pork, smoked hams and picnics, except canned, made in slaughtering plants	mil lb. 2002..	40	X	S 975 740
		1997..	31	X	S 1 675 740
311611G141	Pork, smoked slab bacon, made in slaughtering plants	mil lb. 2002..	17	X	187.9 201 861
		1997..	22	X	263.8 256 375
311611G151	Pork, smoked sliced bacon, made in slaughtering plants	mil lb. 2002..	22	X	S 661 969
		1997..	25	X	418.7 608 995
311611G161	Pork, other smoked meats, not canned or made into sausage, made in slaughtering plants	mil lb. 2002..	18	X	S 124 616
		1997..	16	X	S 73 952
311611G171	Pork, boiled ham, barbecue pork, and other cooked, except canned meats and sausage, made in slaughtering plants	mil lb. 2002..	9	X	P74.7 120 547
		1997..	8	X	132.8 216 881
311611GY	Pork, processed or cured, not canned or made into sausage, made in slaughtering plants, nsk	2002..	N	X	X 68 754
		1997..	N	X	X 44 800
311611GYWV	Pork, processed or cured, not canned or made into sausage, made in slaughtering plants, nsk	2002..	N	X	X 68 754
		1997..	N	X	X 44 800
311611J	Sausage and similar products, except canned, made in slaughtering plants	2002..	N	X	X 2 006 968
		1997..	N	X	X 1 997 959
311611J1	Sausage and similar products, except canned, made in slaughtering plants	2002..	N	X	X 2 006 968
		1997..	N	X	X 1 980 907
311611J111	Sausage, fresh (pork sausage, breakfast links, etc.), except canned, made in slaughtering plants	mil lb. 2002..	47	X	P835.7 925 294
		1997..	64	X	S 857 571
311611J121	Sausage, dry or semidry (salami, cervelat, beef jerky, pepperoni, summer sausage, pork roll, etc.), made in slaughtering plants	mil lb. 2002..	15	X	D D
		1997..	13	X	D D
311611J131	Frankfurters, including wieners, except canned, made in slaughtering plants	mil lb. 2002..	14	X	S 207 239
		1997..	18	X	S 336 828

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311611	Animal (except poultry) slaughtering—Con.				
311611J	Sausage and similar products, except canned, made in slaughtering plants—Con.				
311611J1	Sausage and similar products, except canned, made in slaughtering plants—Con.				
311611J141	Other sausage, smoked or cooked (bologna, liverwurst, Polish sausage, etc.), except canned, made in slaughtering plants .....	mil lb. 2002.. 20 1997.. 43	X X	9521.5 384.0	688 854 595 556
311611J151	Jellied goods and similar preparations (headcheese, meat loaves, scrapple, puddings, chili con carne, etc.), except canned, made in slaughtering plants .....	mil lb. 2002.. 2 1997.. 9	X X	D D	D D
311611JY	Sausage and similar products, except canned, made in slaughtering plants, nsk .....	2002.. N 1997.. N	X X	X X	— 17 052
311611JYWV	Sausage and similar products, except canned, made in slaughtering plants, nsk .....	2002.. N 1997.. N	X X	X X	— 17 052
311611M	Canned meats (except dog, cat, and baby food), made in slaughtering plants .....	2002.. N 1997.. N	X X	X X	169 049 D
311611M1	Canned meats (except dog, cat, and baby food), made in slaughtering plants .....	2002.. N 1997.. N	X X	X X	169 049 D
311611M100	Canned meats (except dog, cat, and baby food), made in slaughtering plants .....	mil lb. 2002.. 5 1997.. 3	X X	S D	169 049 D
311611P	Hides, skins, and pelts, made in slaughtering plants .....	2002.. N 1997.. N	X X	X X	1 950 652 2 065 175
311611P1	Hides, skins, and pelts, made in slaughtering plants .....	2002.. N 1997.. N	X X	X X	1 931 728 2 053 379
311611P111	Hides, skins, and pelts, cattle (including kip), made in slaughtering plants .....	millions. 2002.. 56 1997.. 85	X X	S 35.8	1 850 041 1 957 886
311611P121	Hides, skins, and pelts, calf (except kip), made in slaughtering plants .....	millions. 2002.. 8 1997.. 16	X X	S S	17 213 33 954
311611P131	Hides, skins, and pelts, sheep and lamb, made in slaughtering plants .....	millions. 2002.. 4 1997.. 5	X X	1 446.4 S	18 815 18 805
311611P141	Hides, skins, and pelts, other types (except kip), made in slaughtering plants .....	millions. 2002.. 23 1997.. 22	X X	S S	45 659 42 734
311611PY	Hides, skins, and pelts, made in slaughtering plants, nsk .....	2002.. N 1997.. N	X X	X X	18 924 11 796
311611PYWV	Hides, skins, and pelts, made in slaughtering plants, nsk .....	2002.. N 1997.. N	X X	X X	18 924 11 796
311611R	Miscellaneous byproducts of slaughtering plants .....	2002.. N 1997.. N	X X	X X	957 648 N
311611R1	Miscellaneous byproducts of slaughtering plants .....	2002.. N 1997.. N	X X	X X	957 400 N
311611R111	Other fresh and frozen meats, including horsemeat for human consumption, made in slaughtering plants .....	mil lb. 2002.. 8 1997.. N	X X	S N	69 874 N
311611R121	Pork rind pellets, including pork cracklings, made in slaughtering plants .....	2002.. 5 1997.. N	X X	X X	44 720 N
311611R131	Edible tallow and stearin, made in slaughtering plants <sup>3</sup> .....	mil lb. 2002.. 11 1997.. N	X X	S N	224 566 N
311611R141	Natural sausage casings (beef, hog, etc.), made in slaughtering plants .....	mil lb. 2002.. 12 1997.. N	X X	S N	94 882 N
311611R151	Killing floor offal, scrap, and bones, made in slaughtering plants .....	2002.. 46 1997.. N	X X	X X	248 339 N
311611R161	Other miscellaneous byproducts of slaughtering plants, including pulled wool and glue stock (except sausage casings) .....	2002.. 20 1997.. N	X X	X X	107 766 N
311611R171	Animals slaughtered for pet food .....	2002.. 8 1997.. N	X X	X X	19 700 N
311611R181	Custom slaughtering of animals .....	mil lb. 2002.. 28 1997.. N	X X	S N	147 553 N
311611RY	Miscellaneous byproducts of slaughtering plants, nsk .....	2002.. N 1997.. N	X X	X X	248 N
311611RYWV	Miscellaneous byproducts of slaughtering plants, nsk .....	2002.. N 1997.. N	X X	X X	248 N
311611W	Animal (except poultry) slaughtering, nsk, total .....	2002.. N 1997.. N	X X	X X	1 557 511 1 632 232
311611WY	Animal (except poultry) slaughtering, nsk, total .....	2002.. N 1997.. N	X X	X X	1 557 511 1 632 232
311611WYWW	Animal (except poultry) slaughtering, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	360 715 726 597
311611WYWY	Animal (except poultry) slaughtering, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	1 196 796 905 635
311612	Meat processed from carcasses .....	2002.. N 1997.. N	X X	X X	23 919 865 21 786 024
3116121	Pork, processed or cured, not canned or made into sausage, made from purchased carcasses .....	2002.. N 1997.. N	X X	X X	5 228 805 4 865 074
31161211	Pork, sweet-pickled, dry salt, or dry-cured (except smoked, cooked, canned, or pork made into sausage), made from purchased carcasses .....	2002.. N	X	X	D

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311612	Meat processed from carcasses—Con.				
3116121	Pork, processed or cured, not canned or made into sausage, made from purchased carcasses—Con.				
31161211	Pork, sweet-pickled, dry salt, or dry-cured (except smoked, cooked, canned, or pork made into sausage), made from purchased carcasses—Con.				
		1997..	N	X	X
3116121111	Pork, sweet-pickled or dry-cured (except smoked, cooked, canned, or pork made into sausage), made from purchased carcasses	2002..	24	X	S
		1997..	39	X	71.4
3116121121	Pork, dry salt, not canned or made into sausage, made from purchased carcasses	2002..	14	X	D
		1997..	10	X	10.3
31161212	Pork, smoked hams and picnics, except canned, made from purchased carcasses	2002..	N	X	X
		1997..	N	X	X
3116121231	Pork, smoked hams and picnics, except canned, made from purchased carcasses	2002..	112	X	119.9
		1997..	111	X	188.3
311612123	Pork, smoked slab bacon, made from purchased carcasses	2002..	N	X	X
		1997..	N	X	X
3116121341	Pork, smoked slab bacon, made from purchased carcasses	2002..	33	X	192.2
		1997..	36	X	43.9
31161214	Pork, smoked sliced bacon, made from purchased carcasses	2002..	N	X	X
		1997..	N	X	X
3116121451	Pork, smoked sliced bacon, made from purchased carcasses	2002..	56	X	52.4
		1997..	59	X	91.7
31161215	Pork, oth. smoked meats, not can/sausage, purch. carcasses	2002..	N	X	X
		1997..	N	X	X
3116121561	Pork, oth. smoked meats, not can/sausage, purch. carcasses	2002..	40	X	240.1
		1997..	49	X	77.2
31161216	Pork, boiled ham, barbecue pork, and other cooked meats, except canned meats and sausage, made from purchased carcasses	2002..	N	X	X
		1997..	N	X	X
3116121671	Pork, boiled ham, barbecue pork, and other cooked meats, except canned meats and sausage, made from purchased carcasses	2002..	45	X	357.2
		1997..	51	X	231.0
31161217	Pork, lard, except canned, made from purchased carcasses	2002..	N	X	X
		1997..	N	X	X
3116121781	Pork, lard, except canned, made from purchased carcasses	2002..	3	X	D
		1997..	11	X	173.5
3116121Y	Pork, processed or cured, not canned or made into sausage, made from purchased carcasses, nsk	2002..	N	X	X
		1997..	N	X	X
3116121YWV	Pork, processed or cured, not canned or made into sausage, made from purchased carcasses, nsk	2002..	N	X	X
		1997..	N	X	X
3116124	Sausage and similar products, except canned, made from purchased carcasses	2002..	N	X	X
		1997..	N	X	X
31161241	Sausage, fresh (pork sausage, breakfast links, etc.), except canned, made from purchased carcasses	2002..	N	X	X
		1997..	N	X	X
3116124111	Sausage, fresh (pork sausage, breakfast links, etc.), except canned, made from purchased carcasses	2002..	130	X	S
		1997..	140	X	624.5
31161242	Sausage, dry or semidry (salami, cervelat, beef jerky, pepperoni, summer sausage, pork roll, etc.), made from purchased carcasses	2002..	N	X	X
		1997..	N	X	X
3116124221	Sausage, dry or semidry (salami, cervelat, beef jerky, pepperoni, summer sausage, pork roll, etc.), made from purchased carcasses	2002..	81	X	S
		1997..	73	X	576.2
31161243	Frankfurters, including wieners, except canned, made from purchased carcasses	2002..	N	X	X
		1997..	N	X	X
3116124331	Frankfurters, including wieners, except canned, made from purchased carcasses	2002..	95	X	107.6
		1997..	112	X	749.1
31161244	Other sausage (smoked or cooked) and jellied goods and similar preparations, except canned, made from purchased carcasses	2002..	N	X	X
		1997..	N	X	X
3116124441	Other sausage, smoked or cooked (bologna, liverwurst, Polish sausage, etc.), except canned, made from purchased carcasses	2002..	156	X	182.0
		1997..	175	X	546.9
3116124451	Jellied goods and similar preparations (headcheese, meat loaves, scrapple, puddings, chili con carne, etc.), except canned, made from purchased carcasses	2002..	33	X	S
		1997..	39	X	34.0
3116124Y	Sausage and similar products, except canned, made from purchased carcasses, nsk	2002..	N	X	X
		1997..	N	X	X
3116124YWV	Sausage and similar products, except canned, made from purchased carcasses, nsk	2002..	N	X	X
		1997..	N	X	X
3116127	Canned meats (except dog, cat, and baby food), made from purchased carcasses	2002..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
311612	Meat processed from carcasses—Con.					
3116127	Canned meats (except dog, cat, and baby food), made from purchased carcasses—Con.					
		1997..	N	X	X	1 142 179
31161271	Canned meats (except dog, cat, and baby food), made from purchased carcasses	2002..	N	X	X	1 148 081
		1997..	N	X	X	1 142 179
3116127100	Canned meats (except dog, cat, and baby food), made from purchased carcasses	mil lb. 2002..	22	X	9877.9	1 148 081
		1997..	26	X	S	1 142 179
311612A	Other processed, frozen, or cooked meats, made from purchased carcasses	2002..	N	X	X	10 317 236
		1997..	N	X	X	7 713 136
311612A1	Boxed meat (beef, pork, lamb, etc.), made from purchased carcasses	2002..	N	X	X	3 830 351
		1997..	N	X	X	1 463 427
311612A111	Boxed meat (beef, pork, lamb, etc.), made from purchased carcasses	mil lb. 2002..	91	X	S	3 830 351
		1997..	80	X	486.9	1 463 427
311612A2	Frozen ground meat patties, made from purchased carcasses	2002..	N	X	X	1 992 086
		1997..	N	X	X	1 759 429
311612A221	Frozen ground meat patties, made from purchased carcasses	mil lb. 2002..	77	X	11 761.1	1 992 086
		1997..	76	X	1 447.2	1 759 429
311612A3	Frozen portion control meats, made from purchased carcasses	2002..	N	X	X	1 081 784
		1997..	N	X	X	1 060 563
311612A331	Frozen portion control meats, made from purchased carcasses	mil lb. 2002..	59	X	S	1 081 784
		1997..	49	X	S	1 060 563
311612A4	Pork rind pellets (including pork cracklings), other processed, frozen or cooked meats, and collagen sausage casings, made from purchased carcasses	2002..	N	X	X	3 306 452
		1997..	N	X	X	3 216 729
311612A441	Pork rind pellets, including pork cracklings, made from purchased carcasses	mil lb. 2002..	12	X	S	151 467
		1997..	7	X	123.7	120 206
311612A451	Other processed, frozen, or cooked meats (corned beef, frozen primal and fabricated cuts, frozen variety meats, etc.), made from purchased carcasses	2002..	167	X	X	3 078 223
		1997..	185	X	X	2 970 019
311612A461	Collagen sausage casings, made from purchased carcasses	mil lb. 2002..	10	X	S	76 762
		1997..	9	X	S	126 504
311612AY	Other processed, frozen, or cooked meats, made from purchased carcasses, nsk	2002..	N	X	X	106 563
		1997..	N	X	X	212 988
311612AYWV	Other processed, frozen, or cooked meats, made from purchased carcasses, nsk	2002..	N	X	X	106 563
		1997..	N	X	X	212 988
311612W	Meat processed from carcasses, nsk, total	2002..	N	X	X	917 742
		1997..	N	X	X	1 971 389
311612WY	Meat processed from carcasses, nsk, total	2002..	N	X	X	917 742
		1997..	N	X	X	1 971 389
311612WYWW	Meat processed from carcasses, nsk, for nonadministrative-record establishments	2002..	N	X	X	363 000
		1997..	N	X	X	1 467 926
311612WYWY	Meat processed from carcasses, nsk, for administrative-record establishments	2002..	N	X	X	554 742
		1997..	N	X	X	503 463
311613	Rendering and meat byproduct processing	2002..	N	X	X	2 793 416
		1997..	N	X	X	3 820 977
3116131	Lard and other greases, except wool grease	2002..	N	X	X	878 762
		1997..	N	X	X	1 207 143
31161311	Lard and other greases, except wool grease	2002..	N	X	X	870 837
		1997..	N	X	X	1 139 823
3116131111	Rendered lard, except canned, not made in meat packing plants <sup>3</sup>	mil lb. 2002..	53	4 281.2	S	515 511
		1997..	73	S	S	821 136
3116131121	Animal and marine grease, except wool grease <sup>3</sup>	mil lb. 2002..	42	3 436.6	S	355 326
		1997..	48	S	S	318 687
3116131Y	Lard and other greases, except wool grease, nsk	2002..	N	X	X	7 925
		1997..	N	X	X	67 320
3116131YWV	Lard and other greases, except wool grease, nsk	2002..	N	X	X	7 925
		1997..	N	X	X	67 320
3116135	Animal and marine feed and fertilizer byproducts	2002..	N	X	X	1 863 465
		1997..	N	X	X	N
31161351	Meat and bone meal	2002..	N	X	X	653 663
		1997..	N	X	X	N
3116135111	Meat and bone meal <sup>3</sup>	mil lb. 2002..	66	6 753.3	S	653 663
		1997..	N	N	N	N
31161352	Animal and marine feed and fertilizer byproducts, except meat and bone meal	2002..	N	X	X	1 061 872
		1997..	N	X	X	N
3116135221	Dry rendered tankage <sup>3</sup>	mil lb. 2002..	16	1 215.6	P1 180.8	117 369
		1997..	N	N	N	N
3116135243	Other feed and fertilizer byproducts <sup>3</sup>	mil lb. 2002..	57	6 542.6	S	896 334
		1997..	N	N	N	N
3116135251	Animal oil mill products, including all other animal oils, except fatty acids	mil lb. 2002..	6	D	209.3	30 247
		1997..	N	N	N	N
3116135261	Foats, animal oil and acidulated soap stock	mil lb. 2002..	5	—	—	12 817
		1997..	N	N	N	N
3116135271	Foats, vegetable oil	2002..	3	X	X	5 105
		1997..	N	X	X	N
3116135Y	Animal and marine feed and fertilizer byproducts, nsk	2002..	N	X	X	147 930

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311613	Rendering and meat byproduct processing—Con.				
3116135	Animal and marine feed and fertilizer byproducts—Con.				
3116135Y	Animal and marine feed and fertilizer byproducts, nsk—Con.				
3116135YWV	Animal and marine feed and fertilizer byproducts, nsk	1997.. N	X	X	N
		2002.. N	X	X	147 930
		1997.. N	X	X	N
311613W	Rendering and meat byproduct processing, nsk, total	2002.. N	X	X	51 189
		1997.. N	X	X	223 901
311613WY	Rendering and meat byproduct processing, nsk, total	2002.. N	X	X	51 189
		1997.. N	X	X	223 901
311613WYWW	Rendering and meat byproduct processing, nsk, for nonadministrative-record establishments	2002.. N	X	X	39 091
		1997.. N	X	X	204 130
311613WYWY	Rendering and meat byproduct processing, nsk, for administrative-record establishments	2002.. N	X	X	12 098
		1997.. N	X	X	19 771
311615	Poultry processing	2002.. N	X	X	36 970 020
		1997.. N	X	X	31 241 473
3116151	Young chickens (usually under 20 weeks of age), including bulk, chilled, frozen, whole, and parts	2002.. N	X	X	23 817 348
		1997.. N	X	X	16 780 364
31161511	Young chickens, wet ice pack broilers and fryers (usually under 20 weeks of age), bulk	2002.. N	X	X	7 204 106
		1997.. N	X	X	6 945 969
3116151111	Young chickens, wet ice pack broilers and fryers (usually under 20 weeks of age), bulk	2002.. 54	X	S	7 204 106
	mil lb.	1997.. 63	X	P12 242.9	6 945 969
31161512	Young chickens, dry ice pack broilers and fryers (usually under 20 weeks of age), bulk	2002.. N	X	X	2 850 396
		1997.. N	X	X	1 310 549
3116151221	Young chickens, dry ice pack broilers and fryers (usually under 20 weeks of age), bulk	2002.. 32	X	q4 473.3	2 850 396
	mil lb.	1997.. 22	X	P1 800.2	1 310 549
31161513	Young chickens, tray pack (consumer packaged) broilers and fryers (usually under 20 weeks of age), chilled	2002.. N	X	X	4 845 411
		1997.. N	X	X	4 029 625
3116151331	Young chickens, tray pack (consumer packaged) broilers and fryers (usually under 20 weeks of age), chilled	2002.. 37	X	q5 673.3	4 845 411
	mil lb.	1997.. 53	X	S	4 029 625
31161514	Young chickens, other broilers and fryers (usually under 20 weeks of age), including frozen	2002.. N	X	X	7 783 234
		1997.. N	X	X	3 449 136
3116151441	Young chickens, other broilers and fryers (usually under 20 weeks of age), including frozen	2002.. 48	X	S	7 783 234
	mil lb.	1997.. 47	X	q5 996.0	3 449 136
31161515	Young chickens, roasters and capons (usually under 20 weeks of age), including frozen	2002.. N	X	X	953 190
		1997.. N	X	X	778 339
3116151551	Young chickens, roasters and capons (usually under 20 weeks of age), including frozen	2002.. 18	X	S	953 190
	mil lb.	1997.. 14	X	q1 111.2	778 339
3116151Y	Young chickens (usually under 20 weeks of age), including bulk, chilled, frozen, whole, and parts, nsk	2002.. N	X	X	181 011
		1997.. N	X	X	266 746
3116151YWV	Young chickens (usually under 20 weeks of age), including bulk, chilled, frozen, whole, and parts, nsk	2002.. N	X	X	181 011
		1997.. N	X	X	266 746
3116154	Hens and fowl, including frozen, whole, and parts	2002.. N	X	X	281 293
		1997.. N	X	X	317 900
31161541	Hens and fowl, including frozen, whole, and parts	2002.. N	X	X	281 293
		1997.. N	X	X	316 925
3116154111	Hens and fowl, egg producing, including frozen, whole, and parts	2002.. 13	X	P255.9	90 303
	mil lb.	1997.. 11	X	S	174 481
3116154121	Hens and fowl, breeder, including frozen, whole, and parts	2002.. 9	X	S	190 990
	mil lb.	1997.. 11	X	P244.5	142 444
3116154Y	Hens and fowl, including frozen, whole, and parts, nsk	2002.. N	X	X	—
		1997.. N	X	X	975
3116154YWV	Hens and fowl, including frozen, whole, and parts, nsk	2002.. N	X	X	—
		1997.. N	X	X	975
3116157	Turkeys, including frozen, whole, and parts	2002.. N	X	X	3 619 753
		1997.. N	X	X	3 794 162
31161571	Turkeys, fryer-roaster (usually under 16 weeks of age), whole, including frozen	2002.. N	X	X	115 958
		1997.. N	X	X	176 297
3116157111	Turkeys, fryer-roaster (usually under 16 weeks of age), whole, including frozen	2002.. 9	X	S	115 958
	mil lb.	1997.. 6	X	110.2	176 297
31161572	Turkeys, mature young (usually 4 to 7 months of age), whole, including frozen	2002.. N	X	X	1 127 432
		1997.. N	X	X	1 783 743
3116157221	Turkeys, mature young (usually 4 to 7 months of age), whole, including frozen	2002.. 28	X	S	1 127 432
	mil lb.	1997.. 28	X	P1 995.9	1 783 743
31161573	Turkeys, old (breeders) (usually over 12 months of age), whole and parts, including frozen	2002.. N	X	X	2 376 363
		1997.. N	X	X	1 828 487
3116157331	Turkeys, old (breeders) (usually over 12 months of age), whole, including frozen	2002.. 2	X	D	D
	mil lb.	1997.. 7	X	S	28 581
3116157341	Turkey parts (ground, cutlets, etc.), including frozen	2002.. 21	X	D	D
	mil lb.	1997.. 26	X	P2 169.0	1 799 906
3116157Y	Turkeys, including frozen, whole, and parts, nsk	2002.. N	X	X	—
		1997.. N	X	X	5 635
3116157YWV	Turkeys, including frozen, whole, and parts, nsk	2002.. N	X	X	—
		1997.. N	X	X	5 635

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311615	Poultry processing—Con.				
311615A	Other poultry and small game, including frozen, whole, and parts .....	2002.. N 1997.. N	X X	X X	216 549 68 672
311615A1	Other poultry and small game, including frozen, whole, and parts .....	2002.. N 1997.. N	X X	X X	216 521 68 391
311615A111	Ducks, including frozen, whole, and parts .....	mil lb. 2002.. 5 1997.. 5	X X	D S	D 45 903
311615A121	Other poultry and small game (geese, rabbits, etc.), including frozen, whole, and parts .....	2002.. 10 1997.. 6	X X	X X	D 22 488
311615AY	Other poultry and small game, including frozen, whole, and parts, nsk .....	2002.. N 1997.. N	X X	X X	28 281
311615AYWV	Other poultry and small game, including frozen, whole, and parts, nsk .....	2002.. N 1997.. N	X X	X X	28 281
311615D	Processed poultry and small game (except soups), containing 20 percent or more poultry or meat .....	2002.. N 1997.. N	X X	X X	8 735 931 9 148 518
311615D1	Processed poultry and small game (except soups), containing 20 percent or more poultry or meat .....	2002.. N 1997.. N	X X	X X	8 659 782 8 904 660
311615D111	Canned poultry .....	1,000 cases. 2002.. 7 1997.. 4	X X	S S	322 392 107 470
311615D121	Cooked or smoked turkey, including frozen (except frankfurters, hams, and luncheon meats), containing 20 percent or more poultry .....	mil lb. 2002.. 69 1997.. 56	X X	S 848.8	1 563 737 1 403 084
311615D131	Cooked or smoked chicken, including frozen (except frankfurters, hams, and luncheon meats), containing 20 percent or more poultry .....	mil lb. 2002.. 81 1997.. 76	X X	S P2 960.3	3 162 274 4 165 768
311615D141	Cooked or smoked poultry frankfurters (including wieners), including frozen, containing 20 percent or more poultry .....	2002.. 30 1997.. 37	X X	X X	457 054 481 935
311615D151	Cooked or smoked poultry hams and luncheon meats, including frozen, containing 20 percent or more poultry .....	2002.. 43 1997.. 49	X X	X X	1 627 655 1 745 885
311615D161	Other cooked or smoked poultry, including frozen, containing 20 percent or more poultry .....	2002.. 20 1997.. 7	X X	X X	649 055 237 105
311615D171	Other processed poultry and small game (dehydrated, raw-boned, etc.), including frozen, containing 20 percent or more poultry .....	2002.. 28 1997.. 24	X X	X X	877 615 763 413
311615DY	Processed poultry and small game (except soups), containing 20 percent or more poultry or meat, nsk .....	2002.. N 1997.. N	X X	X X	76 149 243 858
311615DYWV	Processed poultry and small game (except soups), containing 20 percent or more poultry or meat, nsk .....	2002.. N 1997.. N	X X	X X	76 149 243 858
311615W	Poultry processing, nsk, total .....	2002.. N 1997.. N	X X	X X	299 146 1 131 857
311615WY	Poultry processing, nsk, total .....	2002.. N 1997.. N	X X	X X	299 146 1 131 857
311615WYWW	Poultry processing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	258 256 1 094 674
311615WYWY	Poultry processing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	40 890 37 183
311711	Seafood canning .....	2002.. N 1997.. N	X X	X X	1 369 256 1 044 636
3117110	Seafood canning .....	2002.. N 1997.. N	X X	X X	1 369 256 1 044 636
31171101	Canned tuna (except soups, stews, and chowders) .....	2002.. N 1997.. N	X X	X X	D D
3117110111	Canned tuna (except soups, stews, and chowders) .....	mil lb. 2002.. 4 1997.. 3	X X	D D	D D
31171102	Canned salmon (except soups, stews, and chowders) .....	2002.. N 1997.. N	X X	X X	271 684 239 488
3117110221	Canned salmon (except soups, stews, and chowders) .....	mil lb. 2002.. 16 1997.. 19	X X	S 188.4	271 684 239 488
31171103	Canned sardines, clams, and shrimp (except soups, stews, and chowders) .....	2002.. N 1997.. N	X X	X X	337 355 160 199
3117110331	Canned sardines (except soups, stews, and chowders) .....	mil lb. 2002.. 3 1997.. 5	X X	P23.7 25.6	24 412 35 245
3117110341	Canned clams (except soups, stews, and chowders) .....	mil lb. 2002.. 7 1997.. 10	X X	S 58.7	121 395 79 978
3117110351	Canned shrimp (except soups, stews, and chowders) .....	mil lb. 2002.. 6 1997.. 8	X X	S P21.3	191 548 44 976
31171104	Canned fish and marine animal products (oil, scrap and meal, etc.) .....	2002.. N 1997.. N	X X	X X	D D
3117110461	Canned fish and marine animal oil .....	mil lb. 2002.. 1 1997.. 1	X X	D D	D D
3117110471	Canned fish scrap and meal .....	mil lb. 2002.. 3 1997.. 6	X X	S 63.5	15 227 16 605
3117110481	Other canned fish and marine animal oil products .....	mil lb. 2002.. 7 1997.. —	X X	D —	D —
31171105	Other canned fish and other seafood (gefille fish, fish roe, fishcakes, surimi-based products, etc.), except soups, stews, and chowders .....	2002.. N 1997.. N	X X	X X	56 806 98 869

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311711	Seafood canning—Con.				
3117110	Seafood canning—Con.				
31171105	Other canned fish and other seafood (gefilte fish, fish roe, fishcakes, surimi-based products, etc.), except soups, stews, and chowders—Con.				
3117110591	Other canned fish and other seafood (gefilte fish, fish roe, fishcakes, surimi-based products, etc.), except soups, stews, and chowders	2002.. 15 1997.. 14	X X	X X	56 806 98 869
31171106	Canned seafood soups, stews, and chowders (clam chowder, oyster stew, turtle soup, etc.)	2002.. N 1997.. N	X X	X X	164 398 138 151
31171106A1	Canned seafood soups, stews, and chowders (clam chowder, oyster stew, turtle soup, etc.)	mil lb. 2002.. 14 1997.. 13	X X	P123.3 140.8	164 398 138 151
31171107	Cured seafood (smoked, salted, sun-dried, pickled fish, etc.)	2002.. N 1997.. N	X X	X X	210 166 185 679
31171107B1	Smoked salmon	mil lb. 2002.. 21 1997.. 22	X X	S 16.5	150 617 117 593
31171107C1	Other smoked fish (herring, whitefish, chub, cisco, etc.)	2002.. 15 1997.. 13	X X	X X	42 139 32 419
31171107D1	Salted and pickled fish, including sun-dried	mil lb. 2002.. 5 1997.. 9	X X	S 14.3	5 118 20 179
31171107E1	Other cured seafood, except fish	2002.. 7 1997.. 6	X X	X X	12 292 15 488
3117110Y	Seafood canning, nsk, total	2002.. N 1997.. N	X X	X X	99 155 82 850
3117110YWW	Seafood canning, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	60 529 35 838
3117110YWY	Seafood canning, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	38 626 47 012
311712	Fresh and frozen seafood processing	2002.. N 1997.. N	X X	X X	6 930 236 5 518 382
3117121	Prepared fresh fish and other fresh seafood	2002.. N 1997.. N	X X	X X	1 248 061 953 350
31171211	Prepared fresh fish and other fresh seafood, including surimi and surimi-based products	2002.. N 1997.. N	X X	X X	1 166 127 866 369
3117121111	Prepared fresh fish, ground fish (cod, cusk, haddock, etc.), fillets and steaks	mil lb. 2002.. 19 1997.. 17	X X	S P28.3	120 731 47 855
3117121121	Prepared fresh fish, ground fish (cod, cusk, haddock, etc.), other	mil lb. 2002.. 8 1997.. 11	X X	S P11.6	19 520 22 275
3117121131	Prepared fresh fish (flounder, halibut, and sole), fillets and steaks	mil lb. 2002.. 12 1997.. 12	X X	S P8.6	61 517 23 171
3117121141	Prepared fresh fish (flounder, halibut, and sole), other	mil lb. 2002.. 13 1997.. 14	X X	P8.2 7.3	22 709 20 563
3117121151	Prepared fresh fish, Alaska pollock, fillets and steaks	mil lb. 2002.. 1 1997.. 2	X X	D .4	D 614
3117121161	Prepared fresh fish, Alaska pollock, other	mil lb. 2002.. 1 1997.. —	X X	D —	D —
3117121171	Prepared fresh fish, catfish, fillets and steaks	mil lb. 2002.. 12 1997.. 11	X X	P73.7 78.8	123 475 142 804
3117121181	Prepared fresh fish, catfish, other	mil lb. 2002.. 9 1997.. 5	X X	S 13.3	90 992 22 112
3117121191	Prepared fresh fish, other types, fillets and steaks	mil lb. 2002.. 13 1997.. 14	X X	S 20.2	54 825 70 996
31171211A1	Prepared fresh fish, other types, other	mil lb. 2002.. 23 1997.. 21	X X	S S	88 426 55 571
31171211B1	Prepared fresh crab meat, blue	2002.. 19 1997.. 28	X X	X X	34 851 49 907
31171211C1	Prepared fresh crab meat, rock	2002.. 2 1997.. —	X X	X D	D D
31171211D1	Prepared fresh crab meat, snow	2002.. 1 1997.. 1	X X	X D	D D
31171211E1	Prepared fresh crab meat, other types	2002.. 6 1997.. 7	X X	X X	39 323 13 216
31171211F1	Prepared fresh shellfish, shrimp	mil lb. 2002.. 7 1997.. 18	X X	S S	26 157 36 470
31171211G1	Prepared fresh shellfish, oysters	2002.. 20 1997.. 30	X X	X X	81 796 90 957
31171211H1	Prepared fresh shellfish, clams	mil lb. 2002.. 12 1997.. 9	X X	*35.1 *27.3	53 860 44 502
31171211J1	Prepared fresh shellfish, other types, except surimi and surimi-based products	mil lb. 2002.. 16 1997.. 15	X X	S 11.6	91 802 47 346
31171211K1	Prepared fresh surimi, except surimi-based products	mil lb. 2002.. 1 1997.. 4	X X	D D	D D
31171211L1	Prepared fresh surimi-based products	mil lb. 2002.. 6 1997.. 3	X X	*38.3 D	39 934 D
31171211M1	Other prepared fresh seafood (roe, squid, etc.)	2002.. 17 1997.. 33	X X	X X	112 490 92 301
3117121Y	Prepared fresh fish and other fresh seafood, nsk	2002.. N 1997.. N	X X	X X	81 934 86 981
3117121YWW	Prepared fresh fish and other fresh seafood, nsk	2002.. N 1997.. N	X X	X X	81 934 86 981
3117122	Prepared frozen fish	2002.. N 1997.. N	X X	X X	2 512 965 1 807 733
31171221	Prepared frozen fish, groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), fillets and steaks, breaded or battered	2002.. N 1997.. N	X X	X X	270 996 54 786

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311712	Fresh and frozen seafood processing—Con.				
3117122	Prepared frozen fish—Con.				
31171221	Prepared frozen fish, groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), fillets and steaks, breaded or battered—Con.				
3117122111	Prepared frozen fish, groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), fillets and steaks, breaded or battered .....	mil lb. .2002.. 14	X	S	270 996
		1997.. 8	X	31.9	54 786
31171222	Prepared frozen fish, groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), fillets and steaks, plain .....	.2002.. N	X	X	179 946
		1997.. N	X	X	90 392
3117122221	Prepared frozen fish, groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), fillets and steaks, plain .....	mil lb. .2002.. 17	X	S	179 946
		1997.. 18	X	46.9	90 392
31171223	Prepared frozen fish, groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), sticks and portions, breaded or battered .....	.2002.. N	X	X	70 445
		1997.. N	X	X	266 134
3117122331	Prepared frozen fish, groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), sticks and portions, breaded or battered .....	mil lb. .2002.. 5	X	57.4	70 445
		1997.. 8	X	171.0	266 134
31171224	Prepared frozen fish, groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), sticks and portions, plain .....	.2002.. N	X	X	D
		1997.. N	X	X	D
3117122441	Prepared frozen fish, groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), sticks and portions, plain .....	mil lb. .2002.. 1	X	D	D
		1997.. 3	X	D	D
31171225	Prepared frozen fish, groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), other forms .....	.2002.. N	X	X	45 232
		1997.. N	X	X	143 359
3117122551	Prepared frozen fish, groundfish (cod, cusk, haddock, hake, perch, pollock, and whiting), other forms .....	mil lb. .2002.. 16	X	922.0	45 232
		1997.. 25	X	70.4	143 359
31171226	Prepared frozen fish (flounder, halibut, and sole), fillets, steaks, and other forms .....	.2002.. N	X	X	102 433
		1997.. N	X	X	142 975
3117122661	Prepared frozen fish (flounder, halibut, and sole), fillets and steaks .....	mil lb. .2002.. 22	X	S	45 018
		1997.. 17	X	112.6	31 932
3117122671	Prepared frozen fish (flounder, halibut, and sole), other forms .....	mil lb. .2002.. 23	X	117.1	57 415
		1997.. 29	X	42.6	111 043
31171227	Prepared frozen fish, Alaska pollock, fillets and steaks, breaded or battered .....	.2002.. N	X	X	255 744
		1997.. N	X	X	275 337
3117122771	Prepared frozen fish, Alaska pollock, fillets and steaks, breaded or battered .....	mil lb. .2002.. 7	X	S	255 744
		1997.. 8	X	212.4	275 337
31171228	Prepared frozen fish, Alaska pollock, fillets, steaks, and other forms, plain .....	.2002.. N	X	X	236 551
		1997.. N	X	X	180 669
3117122881	Prepared frozen fish, Alaska pollock, fillets and steaks, plain .....	mil lb. .2002.. 9	X	103.1	105 416
		1997.. 12	X	28.4	45 276
3117122891	Prepared frozen fish, Alaska pollock, other forms, plain .....	mil lb. .2002.. 13	X	66.4	131 135
		1997.. 13	X	72.0	135 393
31171229	Prepared frozen fish, catfish, fillets and steaks, breaded or battered .....	.2002.. N	X	X	215 709
		1997.. N	X	X	D
3117122991	Prepared frozen fish, catfish, fillets and steaks, breaded or battered .....	mil lb. .2002.. 8	X	101.8	215 709
		1997.. 5	X	D	D
3117122A	Prepared frozen fish, catfish, fillets, steaks, and other forms, plain or seasoned .....	.2002.. N	X	X	156 290
		1997.. N	X	X	130 761
3117122AA1	Prepared frozen fish, catfish, fillets and steaks, plain or seasoned .....	mil lb. .2002.. 10	X	52.5	123 216
		1997.. 6	X	54.4	122 698
3117122AB1	Prepared frozen fish, catfish, other forms, plain or seasoned .....	mil lb. .2002.. 12	X	S	33 074
		1997.. 3	X	4.8	8 063
3117122B	Prepared frozen fish, all other types, fillets and steaks, breaded or battered .....	.2002.. N	X	X	D
		1997.. N	X	X	18 749
3117122BC1	Prepared frozen fish, all other types, fillets and steaks, breaded or battered .....	mil lb. .2002.. 6	X	D	D
		1997.. 7	X	9.5	18 749
3117122C	Prepared frozen fish, all other types, fillets, steaks, and other forms, plain .....	.2002.. N	X	X	383 992
		1997.. N	X	X	338 010
3117122CD1	Prepared frozen fish, all other types, fillets and steaks, plain .....	mil lb. .2002.. 22	X	S	102 099
		1997.. 16	X	62.5	110 180
3117122CE1	Prepared frozen fish, all other types, other forms, plain .....	mil lb. .2002.. 36	X	S	281 893
		1997.. 43	X	157.4	227 830
3117122Y	Prepared frozen fish, nsk .....	.2002.. N	X	X	536 894
		1997.. N	X	X	75 974
3117122YVW	Prepared frozen fish, nsk .....	.2002.. N	X	X	536 894
		1997.. N	X	X	75 974
3117123	Prepared frozen shellfish .....	.2002.. N	X	X	1 679 782
		1997.. N	X	X	1 461 943
31171231	Prepared frozen shellfish, shrimp (raw, cooked, and breaded) .....	.2002.. N	X	X	1 075 225
		1997.. N	X	X	861 808
3117123111	Prepared frozen shellfish, shrimp, headless, raw .....	mil lb. .2002.. 22	X	S	183 452
		1997.. 24	X	34.0	148 493
3117123121	Prepared frozen shellfish, shrimp, peeled, raw .....	mil lb. .2002.. 18	X	S	203 392

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311712	Fresh and frozen seafood processing—Con.				
3117123	Prepared frozen shellfish—Con.				
31171231	Prepared frozen shellfish, shrimp (raw, cooked, and breaded)—Con.				
3117123121	Prepared frozen shellfish, shrimp, peeled, raw—Con.				
3117123131	Prepared frozen shellfish, shrimp, peeled, cooked . . . . . mil lb. . . . .	1997.. 26 2002.. 18	X X	P40.2 S	158 988 247 558
3117123141	Prepared frozen shellfish, shrimp, breaded . . . . . mil lb. . . . .	1997.. 17 2002.. 12	X X	42.8 113.4	211 671 440 823
31171232	Prepared frozen shellfish (lobster, crab, other shrimp products) . . . . .	1997.. 14	X	107.4	342 656
3117123251	Prepared frozen shellfish, other shrimp products, 100 percent frozen . . . . .	2002.. N 1997.. N	X X	X X	450 713 510 974
3117123261	Prepared frozen shellfish, lobster tails . . . . .	2002.. 7 1997.. 9	X X	X X	15 196 28 065
3117123271	Prepared frozen shellfish, crab meat, blue . . . . .	2002.. 5 1997.. 5	X X	X X	15 184 17 461
3117123281	Prepared frozen shellfish, crab meat, rock . . . . .	2002.. 13 1997.. 12	X X	X X	18 436 16 935
3117123291	Prepared frozen shellfish, crab meat, snow . . . . .	2002.. 1 1997.. 1	X X	X X	D D
31171232A1	Prepared frozen shellfish, crab meat, dungeness . . . . .	2002.. 7 1997.. 4	X X	X X	26 424 34 384
31171232B1	Prepared frozen shellfish, crab meat, king, cooked . . . . . mil lb. . . . .	2002.. 6 1997.. 8	X X	X X	10 773 22 018
31171232C1	Prepared frozen shellfish, crab, king, sections . . . . . mil lb. . . . .	2002.. 3 1997.. 4	X X	D D	D D
31171232D1	Prepared frozen shellfish, crabs and crab parts . . . . . mil lb. . . . .	2002.. 11 1997.. 9	X X	21.7 37.0	110 882 127 923
31171232E1	Prepared frozen shellfish, other types (including oysters, clams, and lobster parts), except lobster tails . . . . .	2002.. 13 1997.. 13	X X	31.5	108 835 92 060
3117123Y	Prepared frozen shellfish, nsk . . . . .	2002.. 23 1997.. 23	X X	X X	134 300 163 020
3117123YV	Prepared frozen shellfish, nsk . . . . .	2002.. N 1997.. N	X X	X X	153 844 89 161
3117124	Other prepared fresh and frozen seafood . . . . .	2002.. N 1997.. N	X X	X X	879 583 657 271
31171241	Other prepared frozen seafood, including surimi . . . . .	2002.. N 1997.. N	X X	X X	579 382 498 499
3117124111	Other prepared frozen seafood, surimi, except surimi-based products . . . . . mil lb. . . . .	2002.. 14 1997.. 12	X X	S 203.4	234 790 218 811
3117124121	Other prepared frozen seafood, surimi-based products . . . . . mil lb. . . . .	2002.. 11 1997.. 11	X X	S 103.0	158 086 137 093
3117124131	Other prepared frozen seafood (soups, stews, chowders, pies, fishcakes, crabcakes, shrimpcakes, etc.), except surimi . . . . . mil lb. . . . .	2002.. 29 1997.. 31	X X	S P74.3	186 506 142 595
31171242	Fresh and frozen fish and marine animal oil, scrap, and meal . . . . .	2002.. N 1997.. N	X X	X X	D 156 938
3117124211	Fresh and frozen fish and marine animal oil <sup>3</sup> . . . . . mil lb. . . . .	2002.. 6 1997.. 2	X X	D D	D D
3117124221	Fresh and frozen fish scrap and meal . . . . . mil lb. . . . .	2002.. 17 1997.. 13	X X	S 255.8	202 936 112 907
3117124231	Fresh and frozen fish and marine animal oil products, all other types . . . . . mil lb. . . . .	2002.. 2 1997.. 2	X X	D D	D D
31171243	Foats, marine oil (fish, etc.) . . . . .	2002.. N 1997.. N	X X	X X	— —
3117124311	Foats, marine oil (fish, etc.) . . . . .	2002.. 1 1997.. —	X X	X X	D —
3117124Y	Other prepared fresh and frozen seafood, nsk . . . . .	2002.. N 1997.. N	X X	X X	57 897 1 834
3117124YV	Other prepared fresh and frozen seafood, nsk . . . . .	2002.. N 1997.. N	X X	X X	57 897 1 834
311712W	Fresh and frozen seafood processing, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	609 845 638 085
311712WY	Fresh and frozen seafood processing, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	609 845 638 085
311712WYV	Fresh and frozen seafood processing, nsk, for nonadministrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	469 982 402 434
311712WYVY	Fresh and frozen seafood processing, nsk, for administrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	139 863 235 651
311811	Retail bakeries . . . . .	2002.. N 1997.. N	X X	X X	2 396 390 1 913 718
3118110	Retail bakery products . . . . .	2002.. N 1997.. N	X X	X X	2 396 390 1 913 718
31181101	Retail bakery products . . . . .	2002.. N 1997.. N	X X	X X	856 187 919 220
3118110111	Breads and rolls, excluding bagels . . . . .	2002.. 483 1997.. 673	X X	X X	268 394 289 598
3118110121	Bagels . . . . .	2002.. 38 1997.. 51	X X	X X	17 778 18 684
3118110131	Cakes . . . . .	2002.. 440 1997.. 648	X X	X X	199 702 231 852
3118110141	Cookies . . . . .	2002.. 209 1997.. 244	X X	X X	95 509 113 252
3118110151	Doughnuts . . . . .	2002.. 156 1997.. 163	X X	X X	76 866 51 726
3118110161	Pies . . . . .	2002.. 88 1997.. 102	X X	X X	49 934 46 024

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311811	Retail bakeries—Con.				
3118110	Retail bakery products—Con.				
31181101	Retail bakery products—Con.				
31181101V1	Other sweet goods (sweet rolls, coffeecake, pastries, danishes, muffins, etc.)	2002.. 319 1997.. 434	X X	X X	148 004 168 084
3118110Y	Retail bakery products, nsk, total	2002.. N 1997.. N	X X	X X	1 540 203 994 498
3118110YWW	Retail bakery products, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	1 121 391 561 374
3118110YWY	Retail bakery products, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	418 812 433 124
311812	Commercial bakeries	2002.. N 1997.. N	X X	X X	21 414 569 18 524 712
3118121	Bread (white, wheat, rye, etc.), including frozen	2002.. N 1997.. N	X X	X X	7 978 287 7 176 712
31181211	White pan bread	2002.. N 1997.. N	X X	X X	3 839 355 3 586 903
3118121111	White pan bread, except frozen	2002.. mil lb. 92 1997.. 151	X X	S S	3 675 421 3 480 995
3118121121	White pan bread, frozen	2002.. mil lb. 22 1997.. 17	X X	S P273.4	163 934 105 908
31181212	White hearth bread (French, Italian, etc.)	2002.. N 1997.. N	X X	X X	1 302 266 1 275 686
3118121231	White hearth bread (French, Italian, etc.), except frozen	2002.. mil lb. 141 1997.. 201	X X	S S	1 087 676 967 567
3118121241	White hearth bread (French, Italian, etc.), frozen	2002.. mil lb. 38 1997.. 50	X X	q1337.4 403.1	214 590 308 119
31181213	Dark wheat breads (whole wheat, cracked wheat, multigrain, etc.)	2002.. N 1997.. N	X X	X X	1 381 124 1 312 829
3118121351	Dark wheat breads (whole wheat, cracked wheat, multigrain, etc.), except frozen	2002.. mil lb. 89 1997.. 141	X X	q1 464.3 P1 581.7	1 275 023 1 268 830
3118121361	Dark wheat breads (whole wheat, cracked wheat, multigrain, etc.), frozen	2002.. mil lb. 34 1997.. 19	X X	S P63.9	106 101 43 999
31181214	Other variety breads (rye, unleavened, muffins, bagels, and croissants)	2002.. N 1997.. N	X X	X X	1 158 332 867 073
3118121471	Rye bread, including pumpernickel, except frozen	2002.. mil lb. 71 1997.. 99	X X	X P385.1	281.6 307 850
3118121481	Rye bread, including pumpernickel, frozen	2002.. mil lb. 18 1997.. 15	X X	S D	21 199 D
3118121491	Unleavened bread, except frozen	2002.. mil lb. 6 1997.. -	X X	D D	D D
31181214A1	Unleavened bread, frozen	2002.. mil lb. 1 1997.. -	X X	D D	D D
31181214G1	Other variety breads (raisin, potato, self-rising, salt-free, canned, etc.), except frozen	2002.. mil lb. 81 1997.. 136	X X	S P497.9	522 717 467 008
31181214J1	Other variety breads (raisin, potato, self-rising, salt-free, canned, etc.), frozen	2002.. mil lb. 49 1997.. 38	X X	S q124.0	282 518 76 198
3118121Y	Bread (white, wheat, rye, etc.), including frozen, nsk	2002.. N 1997.. N	X X	X X	297 210 134 221
3118121YWW	Bread (white, wheat, rye, etc.), including frozen, nsk	2002.. N 1997.. N	X X	X X	297 210 134 221
3118125	Rolls, bread-type (including muffins, bagels, and croissants)	2002.. N 1997.. N	X X	X X	5 807 574 N
31181251	Rolls, hamburger and wiener	2002.. N 1997.. N	X X	X X	2 767 803 N
3118125111	Rolls, hamburger and wiener, except frozen	2002.. mil lb. 92 1997.. N	X X	S N	2 549 432 N
3118125121	Rolls, hamburger and wiener, frozen	2002.. mil lb. 28 1997.. N	X X	S N	218 371 N
31181252	All other rolls, bread-type (including muffins, bagels, and croissants)	2002.. N 1997.. N	X X	X X	2 851 718 N
3118125231	Rolls, brown-and-serve, except frozen	2002.. mil lb. 38 1997.. N	X X	S N	222 371 N
3118125241	Rolls, brown-and-serve, frozen	2002.. mil lb. 11 1997.. N	X X	S N	69 185 N
3118125251	English muffins, except frozen	2002.. mil lb. 22 1997.. N	X X	P309.3 N	421 390 N
3118125261	English muffins, frozen	2002.. mil lb. 6 1997.. N	X X	D N	D N
3118125271	Rolls, hearth, except frozen	2002.. mil lb. 63 1997.. N	X X	S N	245 070 N
3118125281	Rolls, hearth, frozen	2002.. mil lb. 22 1997.. N	X X	S N	127 565 N
3118125291	Bagels, except frozen	2002.. mil lb. 60 1997.. N	X X	S N	188 665 N
31181252A1	Bagels, frozen	2002.. mil lb. 32 1997.. N	X X	P560.0 N	481 136 N
31181252B1	Croissants, except frozen	2002.. mil lb. 26 1997.. N	X X	P79.8 N	102 721 N
31181252C1	Croissants, frozen	2002.. mil lb. 20 1997.. N	X X	87.2 N	106 415 N
31181252D1	Other rolls, bread-type, including kaiser (except hearth-type, parkerhouse, etc.), except frozen	2002.. mil lb. 53 1997.. N	X X	S N	388 250 N
31181252E1	Other rolls, bread-type, including kaiser (except hearth-type, parkerhouse, etc.), frozen	2002.. mil lb. 29 1997.. N	X X	q137.0 N	65 886 N

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311812	Commercial bakeries—Con.				
3118125	Rolls, bread-type (including muffins, bagels, and croissants)—Con.				
31181252	All other rolls, bread-type (including muffins, bagels, and croissants)—Con.				
31181252F1	Bread stuffing, croutons, and bread crumbs (plain and seasoned) .....	mil lb. 2002..	24	X	S 323 688
		1997..	N	X	N
31181252G1	Soft pretzels .....	mil lb. 2002..	11	X	D
		1997..	N	X	N
3118125Y	Rolls (bread-type), muffins, bagels, and croissants, nsk .....	2002..	N	X	X 188 053
		1997..	N	X	N
3118125YWW	Rolls (bread-type), muffins, bagels, and croissants, nsk .....	2002..	N	X	X 188 053
		1997..	N	X	N
3118127	Soft cakes, except frozen .....	2002..	N	X	X 2 376 948
		1997..	N	X	X 2 270 619
31181271	Soft cakes, except frozen .....	2002..	N	X	X 2 315 855
		1997..	N	X	X 2 261 004
3118127111	Snack cakes, except frozen .....	mil lb. 2002..	31	X	S 1 989 838
		1997..	52	X	1 732 094
3118127121	Fruit cakes, holiday-type, except frozen .....	mil lb. 2002..	16	X	S 26 221
		1997..	26	X	P60.0 139 878
3118127131	All other soft cakes (pound, layer, sheet, cheese, etc.), except frozen .....	mil lb. 2002..	72	X	S 299 796
		1997..	130	X	P223.5 389 032
3118127Y	Soft cakes, except frozen, nsk .....	2002..	N	X	X 61 093
		1997..	N	X	X 9 615
3118127YWW	Soft cakes, except frozen, nsk .....	2002..	N	X	X 61 093
		1997..	N	X	X 9 615
311812A	Pies (fruit, cream, and custard), except frozen .....	2002..	N	X	X 463 657
		1997..	N	X	X 544 407
311812A1	Pies (fruit, cream, and custard), except frozen .....	2002..	N	X	X 417 723
		1997..	N	X	X 531 971
311812A111	Snack pies (fruit, cream, and custard), except frozen .....	mil lb. 2002..	21	X	S 324 252
		1997..	24	X	232.1 313 234
311812A121	All other pies (fruit, cream, and custard), except frozen .....	mil lb. 2002..	28	X	S 93 471
		1997..	67	X	116.4 218 737
311812AY	Pies (fruit, cream, and custard), except frozen, nsk .....	2002..	N	X	X 45 934
		1997..	N	X	X 12 436
311812AYWW	Pies (fruit, cream, and custard), except frozen, nsk .....	2002..	N	X	X 45 934
		1997..	N	X	X 12 436
311812D	Other sweet goods, except frozen .....	2002..	N	X	X 2 269 524
		1997..	N	X	X 2 046 923
311812D1	Other sweet goods except frozen .....	2002..	N	X	X 2 097 143
		1997..	N	X	X 2 020 919
311812D111	Doughnuts, yeast-raised, except frozen .....	mil lb. 2002..	58	X	S 389 166
		1997..	86	X	228.8 308 632
311812D131	Doughnuts, cake-type, except frozen .....	mil lb. 2002..	53	X	521.8 717 253
		1997..	85	X	P415.5 578 508
311812D151	Pastries (including cream puffs, eclairs, lady fingers, French pastry, and puff pastry), except frozen .....	mil lb. 2002..	56	X	S 229 837
		1997..	87	X	P148.9 265 987
311812D181	All other sweet goods containing yeast (including sweet rolls and coffeecake), except frozen .....	mil lb. 2002..	55	X	P299.9 395 818
		1997..	81	X	P454.5 563 879
311812D191	All other sweet goods, except sweet goods containing yeast (including danishes and muffins), except frozen .....	mil lb. 2002..	70	X	S 365 069
		1997..	84	X	P226.1 303 913
311812DY	Other sweet goods, except frozen, nsk .....	2002..	N	X	X 172 381
		1997..	N	X	X 26 004
311812DYWW	Other sweet goods, except frozen, nsk .....	2002..	N	X	X 172 381
		1997..	N	X	X 26 004
311812W	Commercial bakeries, nsk, total .....	2002..	N	X	X 2 518 579
		1997..	N	X	X 1 228 023
311812WY	Commercial bakeries, nsk, total .....	2002..	N	X	X 2 518 579
		1997..	N	X	X 1 228 023
311812WYWW	Commercial bakeries, nsk, for nonadministrative-record establishments .....	2002..	N	X	X 2 017 171
		1997..	N	X	X 579 988
311812WYWY	Commercial bakeries, nsk, for administrative-record establishments .....	2002..	N	X	X 501 408
		1997..	N	X	X 648 035
311813	Frozen cakes, pies, and other pastries manufacturing .....	2002..	N	X	X 3 859 917
		1997..	N	X	X 2 600 710
3118130	Frozen bakery product manufacturing .....	2002..	N	X	X 3 859 917
		1997..	N	X	X 2 600 710
31181301	Frozen soft cakes (pound, layer, sheet, cheese, etc.) .....	2002..	N	X	X 936 650
		1997..	N	X	X 648 833
3118130111	Frozen soft cakes (pound, layer, sheet, cheese, etc.) .....	mil lb. 2002..	57	X	S 936 650
		1997..	79	X	430.7 648 833
31181302	Frozen pies .....	2002..	N	X	X 912 700
		1997..	N	X	X 836 301
3118130221	Frozen pies .....	mil lb. 2002..	37	X	P943.9 912 700
		1997..	46	X	P801.0 836 301
31181303	All other frozen pastries .....	2002..	N	X	X 1 596 850
		1997..	N	X	X 999 781
3118130331	Frozen doughnuts, yeast-raised .....	mil lb. 2002..	13	X	127.8 91 825
		1997..	19	X	130.0 76 921
3118130341	Frozen doughnuts, cake-type .....	mil lb. 2002..	21	X	107.2 91 797
		1997..	19	X	58.9 57 748
3118130351	Frozen pastries (cream puffs, eclairs, lady fingers, French pastry, puff pastry, etc.) .....	mil lb. 2002..	26	X	117.7 163 216
		1997..	38	X	P151.0 191 133
3118130361	All other frozen sweet goods containing yeast (including sweet rolls and coffeecake) .....	mil lb. 2002..	29	X	S 247 300
		1997..	31	X	90.5 98 690

See footnotes at end of table.

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				Quantity	Value (\$1,000)
311813	Frozen cakes, pies, and other pastries manufacturing—Con.				
3118130	Frozen bakery product manufacturing—Con.				
31181303	All other frozen pastries—Con.				
3118130371	All other frozen sweet goods, except sweet goods containing yeast (including danishes and muffins) . . . . . mil lb. .2002 . . . . .	41	X	S	161 031
		1997 . . . . .	X		186 262
3118130391	Frozen cookie and cracker products . . . . . mil lb. .2002 . . . . .	28	X	S	328 056
		1997 . . . . .	X		26 194
31181303V1	All other frozen bakery products . . . . .	51	X	X	513 625
		1997 . . . . .	X		362 833
3118130Y	Frozen bakery product manufacturing, nsk, total . . . . .	N	X	X	413 717
		1997 . . . . .	X		115 795
3118130YWV	Frozen bakery product manufacturing, nsk, for nonadministrative-record establishments . . . . .	N	X	X	353 356
		1997 . . . . .	X		80 785
3118130YWY	Frozen bakery product manufacturing, nsk, for administrative-record establishments . . . . .	N	X	X	60 361
		1997 . . . . .	X		35 010
311821	Cookie and cracker manufacturing . . . . .	N	X	X	9 379 510
		1997 . . . . .	X		8 322 533
3118212	Crackers, biscuits, and related products . . . . .	N	X	X	3 767 729
		1997 . . . . .	X		N
31182121	Saltine crackers . . . . .	N	X	X	740 816
		1997 . . . . .	X		N
3118212111	Saltine crackers . . . . . mil lb. .2002 . . . . .	11	X	P554.8	740 816
		1997 . . . . .	X		N
31182122	Cracker sandwiches, made from crackers produced in same plant . . . . .	N	X	X	455 145
		1997 . . . . .	X		N
3118212221	Cracker sandwiches, made from crackers produced in same plant . . . . . mil lb. .2002 . . . . .	6	X	Q381.7	455 145
		1997 . . . . .	X		N
31182123	All other crackers, cracker meal and crumbs, biscuits, and related products . . . . .	N	X	X	2 571 768
		1997 . . . . .	X		N
3118212331	Graham crackers . . . . . mil lb. .2002 . . . . .	9	X	P188.7	306 799
		1997 . . . . .	X		N
3118212341	Cracker meal and crumbs . . . . . mil lb. .2002 . . . . .	7	X	Q69.0	131 687
		1997 . . . . .	X		N
3118212391	Other crackers and related products (sponge, sprayed, low-sugar biscuits, melba toast, unsalted soda crackers, taco shells, etc.) . . . . . mil lb. .2002 . . . . .	29	X	P1 050.4	2 133 282
		1997 . . . . .	X		N
3118212Y	Crackers, biscuits, and related products, nsk . . . . .	N	X	X	—
		1997 . . . . .	X		N
3118212YWV	Crackers, biscuits, and related products, nsk . . . . .	N	X	X	—
		1997 . . . . .	X		N
3118214	Cookies, wafers, and ice cream cones and cups (except frozen) . . . . .	N	X	X	4 971 593
		1997 . . . . .	X		4 610 958
31182141	Sandwich cookies, made from cookies made in same plant, except frozen . . . . .	N	X	X	1 072 321
		1997 . . . . .	X		773 250
3118214111	Sandwich cookies, made from cookies made in same plant, except frozen . . . . . mil lb. .2002 . . . . .	18	X	Q759.2	1 072 321
		1997 . . . . .	X	Q691.4	773 250
31182142	Chocolate chip cookies, except frozen . . . . .	N	X	X	552 229
		1997 . . . . .	X		821 569
3118214221	Chocolate chip cookies, except frozen . . . . . mil lb. .2002 . . . . .	58	X	S	552 229
		1997 . . . . .	X	P493.6	821 569
31182143	Cookies (marshmallow, creme-filled, and oatmeal), wafers, toaster pastries, and ice cream cones and cups (except frozen) . . . . .	N	X	X	3 210 816
		1997 . . . . .	X		2 969 675
3118214331	Cookies, marshmallow, except frozen . . . . . mil lb. .2002 . . . . .	6	X	Q43.9	61 308
		1997 . . . . .	X		60 278
3118214341	Cookies, creme-filled, except frozen . . . . . mil lb. .2002 . . . . .	12	X	S	276 057
		1997 . . . . .	X		184.1
3118214351	Cookies, oatmeal, except frozen . . . . . mil lb. .2002 . . . . .	49	X	S	85 389
		1997 . . . . .	X	P160.5	226 206
3118214361	Other cookies and wafers, excluding wafers for making ice cream sandwiches, except frozen . . . . . mil lb. .2002 . . . . .	94	X	S	2 106 212
		1997 . . . . .	X	P1 305.5	1 871 690
3118214371	Toaster pastries, except frozen . . . . . mil lb. .2002 . . . . .	6	X	D	D
		1997 . . . . .	X	Q356.8	301 909
3118214381	Wafers for making ice cream sandwiches, except frozen . . . . . mil lb. .2002 . . . . .	4	X	D	D
		1997 . . . . .	X		D
3118214391	Ice cream cones and cups, except frozen . . . . . millions. .2002 . . . . .	10	X	S	236 950
		1997 . . . . .	X		132 673
3118214Y	Cookies, wafers, and ice cream cones and cups (except frozen), nsk . . . . .	N	X	X	136 227
		1997 . . . . .	X		46 464
3118214YWV	Cookies, wafers, and ice cream cones and cups (except frozen), nsk . . . . .	N	X	X	136 227
		1997 . . . . .	X		46 464
311821W	Cookie and cracker manufacturing, nsk, total . . . . .	N	X	X	640 188
		1997 . . . . .	X		162 225
311821WY	Cookie and cracker manufacturing, nsk, total . . . . .	N	X	X	640 188
		1997 . . . . .	X		162 225
311821WYWV	Cookie and cracker manufacturing, nsk, for nonadministrative-record establishments . . . . .	N	X	X	534 532
		1997 . . . . .	X		112 567
311821WYWY	Cookie and cracker manufacturing, nsk, for administrative-record establishments . . . . .	N	X	X	105 656
		1997 . . . . .	X		49 658

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311822	Flour mixes and dough manufacturing from purchased flour .....	2002.. N 1997.. N	X X	X X	4 545 366 5 018 526
3118220	Prepared flour mixes, including refrigerated and frozen doughs and batters, made from purchased flour .....	2002.. N 1997.. N	X X	X X	4 545 366 5 018 526
31182201	Cake mixes, including gingerbread, made from purchased flour .....	2002.. N 1997.. N	X X	X X	586 823 808 694
3118220121	Cake mixes, including gingerbread, made from purchased flour .....	1,000 sacks (cwt) 2002.. 18 1997.. 26	X X	S 97 316.3	586 823 808 694
31182202	Flour mixes, including refrigerated and frozen doughs and batters, except cake mixes, made from purchased flour .....	2002.. N 1997.. N	X X	X X	3 284 250 4 049 072
3118220211	Pancake and waffle mixes, made from purchased flour .....	1,000 sacks (cwt) 2002.. 13 1997.. 19	X X	S S	226 786 162 024
3118220231	Biscuit mixes, made from purchased flour .....	1,000 sacks (cwt) 2002.. 16 1997.. 14	X X	S S	47 341 72 019
3118220241	Other prepared flour mixes (including cookie, piecrust, doughnut, and other sweet yeast goods mixes), made from purchased flour .....	1,000 sacks (cwt) 2002.. 27 1997.. 43	X X	S S	587 901 833 994
3118220251	Bread and bread-type roll mixes, made from purchased flour .....	1,000 sacks (cwt) 2002.. 19 1997.. 22	X X	S S	99 594 262 730
3118220261	Refrigerated doughs and batters (cookie, biscuit, bread and bread-type roll, pasta, pizza, coffeecake, pancake, etc.), made from purchased flour .....	mil lb. 2002.. 17 1997.. 25	X X	P787.1 P1 350.8	1 176 190 996 826
3118220271	Frozen doughs and batters (cookie, biscuit, bread and bread-type roll, pasta, pizza, coffeecake, pancake, etc.), made from purchased flour .....	mil lb. 2002.. 59 1997.. 89	X X	S P2 277.1	1 146 438 1 721 479
3118220Y	Prepared flour mixes, including refrigerated and frozen doughs and batters, made from purchased flour, nsk .....	2002.. N 1997.. N	X X	X X	674 293 160 760
3118220YWW	Prepared flour mixes, including refrigerated and frozen doughs and batters, made from purchased flour, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	592 443 74 151
3118220YWY	Prepared flour mixes, including refrigerated and frozen doughs and batters, made from purchased flour, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	81 850 86 609
311823	Dry pasta manufacturing .....	2002.. N 1997.. N	X X	X X	1 629 159 1 627 289
3118230	Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen) .....	2002.. N 1997.. N	X X	X X	1 629 159 1 627 289
31182301	Dry macaroni, spaghetti, vermicelli, and other pasta products (water content less than 14 percent), mitse .....	2002.. N 1997.. N	X X	X X	1 070 730 1 234 393
3118230111	Dry macaroni, spaghetti, vermicelli, and other pasta products (water content less than 14 percent), except noodles, mitse .....	mil lb. 2002.. 23 1997.. 29	X X	S 2 099.6	1 054 815 1 234 393
3118230121	Dry noodle products, including all shapes, sizes, and types (water content of less than 14 percent), except Chinese noodles, mitse .....	mil lb. 2002.. 7 1997.. N	X X	P28.2 N	15 915 N
31182302	Dry macaroni and noodle products, packaged with other purchased ingredients, except canned or frozen .....	2002.. N 1997.. N	X X	X X	218 040 D
3118230211	Dry macaroni, spaghetti, vermicelli, and other macaroni products (water content less than 14 percent), packaged with other purchased ingredients, except canned or frozen, mitse .....	mil lb. 2002.. 7 1997.. N	X X	D N	D N
3118230231	Dry noodle products, including all shapes, sizes, and types (water content less than 14 percent), except Chinese, packaged with other purchased ingredients, except canned or frozen, mitse .....	mil lb. 2002.. 7 1997.. N	X X	D N	D N
3118230Y	Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen), nsk, total .....	2002.. N 1997.. N	X X	X X	340 389 163 909
3118230YWW	Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen), nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	268 820 42 029
3118230YWY	Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen), nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	71 569 121 880
311830	Tortilla manufacturing .....	2002.. N 1997.. N	X X	X X	1 373 649 961 273
3118300	Tortillas, sold in bulk or packages, except frozen or canned .....	2002.. N 1997.. N	X X	X X	1 373 649 961 273
311830001	Tortillas, sold in bulk or packages, except frozen or canned .....	2002.. N 1997.. N	X X	X X	1 180 303 926 182
3118300100	Tortillas, sold in bulk or packages, except frozen or canned .....	2002.. 108 1997.. 141	X X	X X	1 180 303 926 182
3118300Y	Tortillas, sold in bulk or packages, except frozen or canned, nsk, total .....	2002.. N 1997.. N	X X	X X	193 346 35 091

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311830	Tortilla manufacturing—Con.				
3118300	Tortillas, sold in bulk or packages, except frozen or canned—Con.				
3118300Y	Tortillas, sold in bulk or packages, except frozen or canned, nsk, total—Con.				
3118300YWW	Tortillas, sold in bulk or packages, except frozen or canned, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	156 916 —
3118300YWY	Tortillas, sold in bulk or packages, except frozen or canned, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	36 430 35 091
311911	Roasted nuts and peanut butter manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	4 984 241 3 814 733
3119111	Nuts and seeds (salted, roasted, cooked, or blanched) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 812 389 2 814 998
31191111	Nuts (salted, roasted, cooked, or blanched), sold in bulk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 854 384 1 394 156
3119111111	Peanuts (salted, roasted, cooked, or blanched), shipped separately, sold in bulk . . . . . mil lb.	2002 . . . . . 22 1997 . . . . . 23	X X	P443.3 P472.2	630 075 383 518
3119111121	Mixed nuts (salted, roasted, cooked, or blanched), including 4 or more varieties of nuts, sold in bulk . . . . . mil lb.	2002 . . . . . 29 1997 . . . . . 18	X X	112.5 S	162 745 40 558
3119111131	Other nuts (salted, roasted, cooked, or blanched), shipped separately or with 3 varieties of nuts or less, sold in bulk . . . . . mil lb.	2002 . . . . . 32 1997 . . . . . 31	X X	9485.4 440.9	1 061 564 970 080
311911112	Canned nuts (salted, roasted, cooked, or blanched) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 004 052 661 342
3119111241	Canned peanuts (salted, roasted, cooked, or blanched), shipped separately . . . . . mil lb.	2002 . . . . . 9 1997 . . . . . 15	X X	D S	D 149 956
3119111251	Canned mixed nuts (salted, roasted, cooked, or blanched), including 4 or more varieties of nuts . . . . . mil lb.	2002 . . . . . 17 1997 . . . . . 14	X X	S 958.3	450 262 204 853
3119111261	Other canned nuts (salted, roasted, cooked, or blanched), canned separately or with 3 varieties of nuts or less . . . . . mil lb.	2002 . . . . . 10 1997 . . . . . 16	X X	D P98.1	D 306 533
311911113	All other packaged nuts, including all types of seeds (salted, roasted, cooked, or blanched) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	839 995 759 500
3119111371	Other packaged peanuts (salted, roasted, cooked, or blanched), shipped separately . . . . . mil lb.	2002 . . . . . 22 1997 . . . . . 21	X X	S P129.0	186 302 167 022
3119111381	Other packaged mixed nuts (salted, roasted, cooked, or blanched), including 4 or more varieties of nuts . . . . . mil lb.	2002 . . . . . 31 1997 . . . . . 20	X X	982.0 913.0	181 629 44 468
3119111391	Other packaged nuts (salted, roasted, cooked, or blanched), packaged separately or with 3 varieties of nuts or less . . . . . mil lb.	2002 . . . . . 35 1997 . . . . . 40	X X	969.8 P127.4	267 916 357 423
31191113A1	Seeds (sunflower, pumpkin, etc.) (salted, roasted, cooked, or blanched) . . . . . mil lb.	2002 . . . . . 26 1997 . . . . . 23	X X	S 357.9	204 148 190 587
3119111Y	Nuts and seeds (salted, roasted, cooked, or blanched), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	113 958 —
3119111YWV	Nuts and seeds (salted, roasted, cooked, or blanched), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	113 958 —
3119114	Peanut butter . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	992 486 847 176
31191141	Peanut butter . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	872 223 841 444
3119114111	Peanut butter, consumer sizes . . . . . mil lb.	2002 . . . . . 18 1997 . . . . . 16	X X	P675.1 9562.2	785 714 742 419
3119114121	Peanut butter, commercial sizes and bulk . . . . . mil lb.	2002 . . . . . 16 1997 . . . . . 15	X X	108.2 P106.2	86 509 99 025
3119114Y	Peanut butter, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	120 263 5 732
3119114YWV	Peanut butter, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	120 263 5 732
311911W	Roasted nuts and peanut butter manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	179 366 152 559
311911WY	Roasted nuts and peanut butter manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	179 366 152 559
311911WYWW	Roasted nuts and peanut butter manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	112 848 97 831
311911WYWY	Roasted nuts and peanut butter manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	66 518 54 728
311919	Other snack food manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	12 443 679 9 813 788
3119191	Potato chips and sticks, plain and flavored . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	4 878 075 4 036 503
31191911	Potato chips and sticks, plain and flavored . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	4 878 075 4 036 503
3119191100	Potato chips and sticks, plain and flavored . . . . . mil lb.	2002 . . . . . 59 1997 . . . . . 67	X X	S 1 659.3	4 878 075 4 036 503
3119194	Corn chips and related products . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	5 616 568 4 428 299
31191941	Tortilla chips . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 388 642 2 999 126
3119194111	Tortilla chips . . . . . mil lb.	2002 . . . . . 86 1997 . . . . . 85	X X	S 1 454.3	3 388 642 2 999 126

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311919	Other snack food manufacturing—Con.				
3119194	Corn chips and related products—Con.				
31191942	Other chips .....	2002.. N	X	X	1 875 046
		1997.. N	X	X	1 010 173
3119194221	Other chips .....	2002.. 23	X	S	1 875 046
		1997.. 35	X	X	1 010 173
31191943	Corn curls and related products .....	2002.. N	X	X	306 059
		1997.. N	X	X	404 863
3119194331	Corn curls and related products .....	2002.. 25	X	S	306 059
		1997.. 32	X	X	404 863
3119194Y	Corn chips and related products, nsk .....	2002.. N	X	X	46 821
		1997.. N	X	X	14 137
3119194YVW	Corn chips and related products, nsk .....	2002.. N	X	X	46 821
		1997.. N	X	X	14 137
3119197	Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.), excluding crackers, soft pretzels, and nuts .....	2002.. N	X	X	1 748 765
		1997.. N	X	X	1 166 889
31191971	Hard pretzels .....	2002.. N	X	X	521 396
		1997.. N	X	X	652 680
3119197111	Hard pretzels .....	2002.. 32	X	S	521 396
		1997.. 38	X	X	652 680
31191972	Other chips, sticks, etc. (bacon rinds, popcorn (except candied), etc.), excluding crackers, soft pretzels, and nuts .....	2002.. N	X	X	1 134 250
		1997.. N	X	X	514 209
3119197221	Other chips, sticks, etc. (bacon rinds, popcorn (except candied), etc.), excluding crackers, soft pretzels, and nuts .....	2002.. 55	X	S	1 134 250
		1997.. 66	X	X	514 209
3119197Y	Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.), excluding crackers, soft pretzels, and nuts, nsk .....	2002.. N	X	X	93 119
		1997.. N	X	X	—
3119197YVW	Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.), excluding crackers, soft pretzels, and nuts, nsk .....	2002.. N	X	X	93 119
		1997.. N	X	X	—
311919W	Other snack food manufacturing, nsk, total .....	2002.. N	X	X	200 271
		1997.. N	X	X	182 097
311919WY	Other snack food manufacturing, nsk, total .....	2002.. N	X	X	200 271
		1997.. N	X	X	182 097
311919WYVW	Other snack food manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	52 049
		1997.. N	X	X	28 010
311919WYVY	Other snack food manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	148 222
		1997.. N	X	X	154 087
311920	Coffee and tea manufacturing .....	2002.. N	X	X	5 179 716
		1997.. N	X	X	7 287 191
3119201	Roasted coffee .....	2002.. N	X	X	3 592 114
		1997.. N	X	X	5 564 573
31192011	Roasted coffee, whole bean .....	2002.. N	X	X	520 495
		1997.. N	X	X	825 080
3119201111	Roasted coffee, whole bean .....	2002.. 46	X	S	520 495
		1997.. 62	X	X	825 080
31192012	Roasted coffee, ground, including extended yield .....	2002.. N	X	X	2 843 482
		1997.. N	X	X	4 492 316
3119201211	Roasted coffee, ground, including extended yield .....	2002.. 82	X	S	2 843 482
		1997.. 65	X	X	4 492 316
31192013	Roasted coffee, ground mixtures (mixed with grain, chicory, etc.) .....	2002.. N	X	X	31 718
		1997.. N	X	X	34 204
3119201331	Roasted coffee, ground mixtures (mixed with grain, chicory, etc.) .....	2002.. 6	X	S	31 718
		1997.. 6	X	X	34 204
3119201Y	Roasted coffee, nsk .....	2002.. N	X	X	196 419
		1997.. N	X	X	212 973
3119201YVW	Roasted coffee, nsk .....	2002.. N	X	X	196 419
		1997.. N	X	X	212 973
3119205	Coffee, concentrated (freeze-dried, spray-dried, frozen or liquid concentrated, mixtures, etc.), including coffee substitutes .....	2002.. N	X	X	590 034
		1997.. N	X	X	N
31192051	Coffee, concentrated (freeze-dried, spray-dried, frozen or liquid concentrated, mixtures, etc.), including coffee substitutes .....	2002.. N	X	X	590 034
		1997.. N	X	X	N
3119205111	Coffee, concentrated (freeze-dried, spray-dried, frozen or liquid concentrated, mixtures, etc.) .....	2002.. 11	X	D	D
		1997.. N	X	N	N
3119205121	Coffee substitutes, made from grain .....	2002.. —	X	—	—
		1997.. N	X	N	N
3119205131	Coffee extracts .....	2002.. 8	X	D	D
		1997.. N	X	N	N
3119205Y	Coffee, concentrated (freeze-dried, spray-dried, frozen or liquid concentrated, mixtures, etc.), including coffee substitutes, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
3119205YVW	Coffee, concentrated (freeze-dried, spray-dried, frozen or liquid concentrated, mixtures, etc.), including coffee substitutes, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
3119207	Tea, consumer packages .....	2002.. N	X	X	853 994
		1997.. N	X	X	779 886
31192071	Tea, consumer packages, packed in tea bags .....	2002.. N	X	X	626 580
		1997.. N	X	X	589 685
3119207111	Tea, consumer packages, packed in tea bags .....	2002.. 29	X	S	626 580
		1997.. 33	X	X	589 685

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311920	Coffee and tea manufacturing—Con.				
3119207	Tea, consumer packages—Con.				
31192072	Tea, instant soluble and other types, with or without added flavoring and/or sweetener, consumer packages	2002.. N 1997.. N	X X	X X	227 414 186 779
3119207221	Tea, instant soluble, with or without added flavoring and/or sweetener, consumer packages	2002.. 12 1997.. 8	X X	98.7 95.9	188 572 168 330
3119207231	Tea, other types, consumer packages	2002.. 13 1997.. 9	X X	S 5.5	38 842 18 449
3119207Y	Tea, consumer packages, nsk	2002.. N 1997.. N	X X	X X	— 3 422
3119207YVW	Tea, consumer packages, nsk	2002.. N 1997.. N	X X	X X	— 3 422
311920W	Coffee and tea manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	143 574 139 607
311920WY	Coffee and tea manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	143 574 139 607
311920WYVW	Coffee and tea manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	53 279 21 164
311920WYVY	Coffee and tea manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	90 295 118 443
311930	Flavoring syrup and concentrate manufacturing	2002.. N 1997.. N	X X	X X	9 316 495 6 647 019
3119301	Liquid beverage bases, excluding use by soft drink bottlers	2002.. N 1997.. N	X X	X X	313 891 243 083
31193011	Liquid beverage bases, excluding use by soft drink bottlers	2002.. N 1997.. N	X X	X X	293 698 171 609
3119301111	Liquid beverage bases, cocktail mixes, excluding use by soft drink bottlers	2002.. 17 1997.. 23	X X	S S	84 667 62 770
3119301121	Liquid beverage bases, other types, excluding use by soft drink bottlers	2002.. 28 1997.. 21	X X	S S	209 031 108 839
3119301Y	Liquid beverage bases, excluding use by soft drink bottlers, nsk	2002.. N 1997.. N	X X	X X	20 193 71 474
3119301YVW	Liquid beverage bases, excluding use by soft drink bottlers, nsk	2002.. N 1997.. N	X X	X X	20 193 71 474
3119304	Liquid beverage bases, concentrates and syrups, for sale by soft drink bottlers to trade or nonbottler distributors	2002.. N 1997.. N	X X	X X	3 943 655 3 570 847
31193041	Liquid beverage bases, concentrates and syrups, for sale by soft drink bottlers to trade or nonbottler distributors	2002.. N 1997.. N	X X	X X	3 906 303 3 502 510
3119304111	Liquid beverage bases, concentrates containing some juice content, for sale by soft drink bottlers	2002.. 12 1997.. 17	X X	S S	333 313 368 061
3119304121	Liquid beverage bases, other concentrates, for sale by soft drink bottlers	2002.. 8 1997.. 12	X X	D D	D D
3119304131	Liquid beverage bases, syrups, for sale by soft drink bottlers	2002.. 12 1997.. 9	X X	D S	D 249 832
3119304141	Liquid beverage bases, concentrates containing some juice content, for sale to trade or nonbottler distributors	2002.. 10 1997.. 5	X X	D 1.3	D 18 714
3119304151	Liquid beverage bases, other concentrates, for sale to trade or nonbottler distributors	2002.. 8 1997.. 5	X X	D S	11 949 D
3119304161	Liquid beverage bases, syrups, for sale to trade or nonbottler distributors	2002.. 6 1997.. 11	X X	15.6 S	36 645 174 328
3119304Y	Liquid beverage bases, concentrates and syrups, for sale by soft drink bottlers to trade or nonbottler distributors, nsk	2002.. N 1997.. N	X X	X X	37 352 68 337
3119304YVW	Liquid beverage bases, concentrates and syrups, for sale by soft drink bottlers to trade or nonbottler distributors, nsk	2002.. N 1997.. N	X X	X X	37 352 68 337
3119305	Soft drink flavoring syrup, sold in bulk	2002.. N 1997.. N	X X	X X	940 811 N
31193051	Soft drink flavoring syrup, sold in bulk	2002.. N 1997.. N	X X	X X	940 811 N
3119305111	Soft drink flavoring syrup, sold in bulk, postmix	2002.. 47 1997.. N	X X	S N	809 963 N
3119305121	Soft drink flavoring syrup, sold in bulk, premix	2002.. 42 1997.. N	X X	939.4 N	130 848 N
3119305Y	Soft drink flavoring syrup, sold in bulk, nsk	2002.. N 1997.. N	X X	X X	— N
3119305YVW	Soft drink flavoring syrup, sold in bulk, nsk	2002.. N 1997.. N	X X	X X	— N
3119308	Other flavoring agents, except chocolate syrups	2002.. N 1997.. N	X X	X X	3 773 890 N
31193081	Other flavoring agents, except chocolate syrups	2002.. N 1997.. N	X X	X X	3 761 436 N
3119308111	Flavoring syrups for fountain, ice cream, and home beverage use (except liquid beverage bases, soft drinks in bulk, and chocolate syrups)	2002.. 26 1997.. N	X X	D N	D N
3119308121	Fruit, crushed or whole, for fountain and ice cream flavoring agent use	2002.. 17 1997.. N	X X	D N	D N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311930	Flavoring syrup and concentrate manufacturing—Con.				
3119308	Other flavoring agents, except chocolate syrups—Con.				
31193081	Other flavoring agents, except chocolate syrups—Con.				
3119308141	Concentrated fruit juice products, for fountain flavoring agent use, except frozen or hot pack .....	mil gal. 2002..	16	X	S
		1997..	N	X	N
3119308Y	Other flavoring agents, except chocolate syrups, nsk .....	2002..	N	X	X
		1997..	N	X	X
3119308YVW	Other flavoring agents, except chocolate syrups, nsk .....	2002..	N	X	X
		1997..	N	X	X
311930W	Flavoring syrup and concentrate manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
311930WY	Flavoring syrup and concentrate manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
311930WYWW	Flavoring syrup and concentrate manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
311930WYWY	Flavoring syrup and concentrate manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
311941	Mayonnaise, dressing, and other prepared sauce manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3119411	Vinegar and cider .....	2002..	N	X	X
		1997..	N	X	X
31194111	Vinegar and cider .....	2002..	N	X	X
		1997..	N	X	X
3119411111	Cider .....	mil gal. 2002..	11	X	30.2
		1997..	18	X	28.7
3119411121	Vinegar, fermented (basis equivalent to 40 grain) .....	mil gal. 2002..	15	X	P48.3
		1997..	15	X	57.9
3119411131	Vinegar, distilled (basis equivalent to 100 grain) .....	mil gal. 2002..	27	X	S
		1997..	20	X	155.4
3119411Y	Vinegar and cider, nsk .....	2002..	N	X	X
		1997..	N	X	X
3119411YVW	Vinegar and cider, nsk .....	2002..	N	X	X
		1997..	N	X	X
3119414	Prepared sauces, except tomato .....	2002..	N	X	X
		1997..	N	X	X
31194141	Prepared mustard .....	2002..	N	X	X
		1997..	N	X	X
3119414111	Prepared mustard .....	mil gal. 2002..	42	X	110.3
		1997..	48	X	131.9
31194142	Other prepared sauces, except tomato (worcestershire, soy, horseradish, meat, vegetable, seafood, etc.) .....	2002..	N	X	X
		1997..	N	X	X
3119414221	Other prepared sauces, except tomato (worcestershire, soy, horseradish, meat, vegetable, seafood, etc.) .....	mil gal. 2002..	124	X	P285.2
		1997..	121	X	P329.1
3119414Y	Prepared sauces, except tomato, nsk .....	2002..	N	X	X
		1997..	N	X	X
3119414YVW	Prepared sauces, except tomato, nsk .....	2002..	N	X	X
		1997..	N	X	X
3119417	Mayonnaise, salad dressings, and sandwich spreads .....	2002..	N	X	X
		1997..	N	X	X
31194171	Salad dressing, spoon-type .....	2002..	N	X	X
		1997..	N	X	X
3119417111	Salad dressing, spoon-type .....	mil gal. 2002..	38	X	S
		1997..	49	X	220.0
31194172	Mayonnaise, spoon-type .....	2002..	N	X	X
		1997..	N	X	X
3119417221	Mayonnaise, spoon-type .....	mil gal. 2002..	39	X	P118.6
		1997..	32	X	227.2
31194173	Other dressing, spoon-type, including sandwich spreads, refrigerated dressings, and all other semisolid-type dressings .....	2002..	N	X	X
		1997..	N	X	X
3119417331	Other dressing, spoon-type, including sandwich spreads, refrigerated dressings, and all other semisolid-type dressings .....	mil gal. 2002..	21	X	68.1
		1997..	39	X	112.0
31194174	Salad dressing, pourable (reduced calorie, cheese, vinegar and oil, etc.) .....	2002..	N	X	X
		1997..	N	X	X
3119417441	Salad dressing, pourable (reduced calorie, cheese, vinegar and oil, etc.) .....	mil gal. 2002..	35	X	211.5
		1997..	41	X	193.4
3119417Y	Mayonnaise, salad dressings, and sandwich spreads, nsk .....	2002..	N	X	X
		1997..	N	X	X
3119417YVW	Mayonnaise, salad dressings, and sandwich spreads, nsk .....	2002..	N	X	X
		1997..	N	X	X
311941W	Mayonnaise, dressing, and other prepared sauce manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
311941WY	Mayonnaise, dressing, and other prepared sauce manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
311941WYWW	Mayonnaise, dressing, and other prepared sauce manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
311941WYWY	Mayonnaise, dressing, and other prepared sauce manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
311942	Spice and extract manufacturing .....	2002..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311942	Spice and extract manufacturing—Con.				
		1997..	N	X	X
3119421	Table salt (evaporated), pepper (white and black), and other spices .....	2002..	N	X	X
		1997..	N	X	X
31194211	Table salt (evaporated), pepper (white and black) .....	2002..	N	X	X
		1997..	N	X	X
3119421111	Table salt .....	1,000 s tons. 2002..	9	X	S
		1997..	4	X	115.9
3119421121	Pepper, white and black, in consumer sizes (less than 1 pound) .....	mil lb. 2002..	16	X	21.8
		1997..	10	X	78.7
3119421131	Pepper, white and black, in commercial sizes (1 lb or more) .....	mil lb. 2002..	19	X	S
		1997..	21	X	34.7
31194212	Other spices, consumer sizes (less than 1 lb) .....	2002..	21	X	X
		1997..	N	X	X
3119421241	Other spices, consumer sizes (less than 1 lb) .....	mil lb. 2002..	45	X	P191.9
		1997..	28	X	232.1
31194213	Other spices, commercial sizes (1 lb or more) .....	2002..	N	X	X
		1997..	N	X	X
3119421351	Other spices, commercial sizes (1 lb or more) .....	mil lb. 2002..	49	X	S
		1997..	43	X	P381.0
3119421Y	Table salt (evaporated), pepper (white and black), and other spices, nsk .....	2002..	N	X	X
		1997..	N	X	X
3119421YVW	Table salt (evaporated), pepper (white and black), and other spices, nsk .....	2002..	N	X	X
		1997..	N	X	X
3119425	Flavoring extracts, emulsions, and other liquid flavors and colorings (except synthetic) .....	2002..	N	X	X
		1997..	N	X	X
31194251	Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic) .....	2002..	N	X	X
		1997..	N	X	X
3119425111	Flavoring extracts, emulsions, and other liquid flavors, natural or true, containers 8 oz or less .....	mil gal. 2002..	18	X	S
		1997..	N	X	N
3119425121	Flavoring extracts, emulsions, and other liquid flavors, natural or true, containers more than 8 oz .....	mil gal. 2002..	52	X	S
		1997..	N	X	N
3119425131	Flavoring extracts, emulsions, and other liquid flavors, imitation .....	mil gal. 2002..	40	X	S
		1997..	N	X	N
3119425151	Food colorings, except synthetic .....	2002..	15	X	X
		1997..	N	X	X
3119425Y	Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic), nsk .....	2002..	N	X	X
		1997..	N	X	X
3119425YVW	Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic), nsk .....	2002..	N	X	X
		1997..	N	X	X
3119427	Dry mix food preparations .....	2002..	N	X	X
		1997..	N	X	X
31194271	Dry dip, salad dressing, and seasoning mixes .....	2002..	N	X	X
		1997..	N	X	X
3119427111	Dry dip mixes .....	mil lb. 2002..	12	X	93.4
		1997..	9	X	D
3119427121	Dry salad dressing mixes .....	mil lb. 2002..	11	X	19.4
		1997..	9	X	D
3119427131	Dry seasoning mixes .....	mil lb. 2002..	65	X	S
		1997..	61	X	P796.5
31194272	Dry gravy, sauce, and frosting mixes .....	2002..	N	X	X
		1997..	N	X	X
3119427241	Dry gravy and sauce mixes .....	mil lb. 2002..	31	X	120.8
		1997..	34	X	137.1
3119427251	Dry frosting mixes .....	mil lb. 2002..	15	X	S
		1997..	14	X	P312.5
3119427Y	Dry mix food preparations, nsk .....	2002..	N	X	X
		1997..	N	X	X
3119427YVW	Dry mix food preparations, nsk .....	2002..	N	X	X
		1997..	N	X	X
311942W	Spice and extract manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
311942WY	Spice and extract manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
311942WYVW	Spice and extract manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
311942WYVY	Spice and extract manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
311991	Perishable prepared food manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3119910	Perishable prepared food manufacturing .....	2002..	N	X	X
		1997..	N	X	X
31199101	Salads, except frozen or canned, sold in bulk or packages .....	2002..	N	X	X
		1997..	N	X	X
3119910111	Salads, except frozen or canned, sold in bulk or packages .....	2002..	61	X	X
		1997..	72	X	X
31199102	Sandwiches, made from bread, except frozen or canned, sold in bulk or packages .....	2002..	N	X	X
		1997..	N	X	X
3119910221	Sandwiches, made from bread, except frozen or canned, sold in bulk or packages .....	2002..	49	X	X
		1997..	57	X	X

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311991	Perishable prepared food manufacturing—Con.				
3119910	Perishable prepared food manufacturing—Con.				
31199103	Vegetables and potatoes, peeled or cut for the trade, except frozen or canned, sold in bulk or packages	2002.. N 1997.. N	X X	X X	925 551 416 377
3119910331	Vegetables and potatoes, peeled or cut for the trade, except frozen or canned, sold in bulk or packages	2002.. 33 1997.. 30	X X	X X	925 551 416 377
31199104	Tamales and other Mexican food specialties, not frozen or canned, sold in bulk or packages	2002.. N 1997.. N	X X	X X	100 416 150 541
3119910441	Tamales and other Mexican food specialties, not frozen or canned, sold in bulk or packages	2002.. 29 1997.. 42	X X	X X	100 416 150 541
31199105	Prepared meals (including meat and poultry pies) and tofu, not frozen or canned, sold in bulk or packages	2002.. N 1997.. N	X X	X X	777 955 662 532
3119910551	Prepared meals, including meat and poultry pies, not frozen or canned, sold in bulk or packages	2002.. 25 1997.. 23	X X	X X	727 355 D
3119910561	Tofu (bean curd), not frozen or canned, sold in bulk or packages	mil lb. 2002.. 17 1997.. 26	X X	S D	50 600 D
31199106	Pizza, not frozen or canned, sold in bulk or packages	2002.. N 1997.. N	X X	X X	47 706 71 630
3119910671	Pizza, not frozen or canned, sold in bulk or packages	mil lb. 2002.. 15 1997.. 22	X X	S S	47 706 71 630
31199107	Other perishable prepared foods	2002.. N 1997.. N	X X	X X	1 086 297 450 337
3119910781	Other perishable prepared foods	2002.. 88 1997.. 86	X X	X X	1 086 297 450 337
31199108	Fresh macaroni, spaghetti, vermicelli, and other pasta products, except noodles, water content 14 percent or more, mitse	2002.. N 1997.. N	X X	X X	57 961 N
3119910811	Fresh macaroni, spaghetti, vermicelli, and other pasta products, except noodles, water content 14 percent or more, mitse	mil lb. 2002.. 12 1997.. N	X X	S N	57 961 N
31199109	Fresh noodle products, including all shapes, sizes, and types (except Chinese), not packaged with other ingredients, water content 14 percent or more, mitse	2002.. N 1997.. N	X X	X X	D N
3119910911	Fresh noodle products, including all shapes, sizes, and types (except Chinese), not packaged with other ingredients, water content 14 percent or more, mitse	mil lb. 2002.. 2 1997.. N	X X	D N	D N
3119910A	Fresh noodle products, packaged with other purchased ingredients, 14 percent or more moisture, mitse	2002.. N 1997.. N	X X	X X	D N
3119910A11	Fresh macaroni, spaghetti, vermicelli, and other macaroni products, packaged with other purchased ingredients, 14 percent or more moisture, mitse	mil lb. 2002.. 4 1997.. N	X X	D N	D N
3119910A21	Fresh purchased noodle products, including all shapes, sizes, and types (except Chinese), packaged with other purchased ingredients, 14 percent or more moisture, mitse	mil lb. 2002.. 6 1997.. N	X X	S N	46 693 N
3119910Y	Perishable prepared food manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	1 033 526 118 801
3119910YWV	Perishable prepared food manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	908 929 50 721
3119910WY	Perishable prepared food manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	124 597 68 080
311999	All other miscellaneous food manufacturing	2002.. N 1997.. N	X X	X X	10 197 107 9 331 297
3119991	Desserts, ready-to-mix	2002.. N 1997.. N	X X	X X	612 501 512 820
31199911	Desserts, ready-to-mix	2002.. N 1997.. N	X X	X X	612 501 502 000
3119991111	Desserts, ready-to-mix, cornstarch base, consumer sizes (less than 1 lb)	mil lb. 2002.. 8 1997.. 10	X X	D 101.1	D 151 846
3119991121	Desserts, ready-to-mix, cornstarch base, commercial sizes (1 lb or more)	mil lb. 2002.. 9 1997.. 6	X X	122.5 P6.3	86 053 8 706
3119991131	Desserts, ready-to-mix, gelatin base, consumer sizes (less than 1 lb)	mil lb. 2002.. 12 1997.. 11	X X	91.5 119.0	71 277 156 942
3119991141	Desserts, ready-to-mix, gelatin base, commercial sizes (1 lb or more)	mil lb. 2002.. 11 1997.. 6	X X	S 5.2	45 446 5 860
3119991151	Desserts, ready-to-mix, other bases	2002.. 13 1997.. 17	X X	X X	D 178 646
3119991Y	Desserts, ready-to-mix, nsk	2002.. N 1997.. N	X X	X X	— 10 820
3119991YWV	Desserts, ready-to-mix, nsk	2002.. N 1997.. N	X X	X X	— 10 820
3119994	Sweetening syrups and molasses	2002.. N 1997.. N	X X	X X	513 167 627 456
31199941	Sweetening syrups and molasses	2002.. N 1997.. N	X X	X X	454 790 612 366
3119994121	Sweetening syrups and molasses, not containing corn syrup	mil lb. 2002.. 23 1997.. 27	X X	S 275.6	154 846 189 029

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311999	All other miscellaneous food manufacturing—Con.				
3119994	Sweetening syrups and molasses—Con.				
31199941	Sweetening syrups and molasses—Con.				
3119994111	Sweetening syrups and molasses, containing corn syrup .....	38	X	S	299 944
	1997 .....	37	X	913.5	423 337
3119994Y	Sweetening syrups and molasses, nsk .....	N	X	X	58 377
	1997 .....	N	X	X	15 090
3119994YVW	Sweetening syrups and molasses, nsk .....	N	X	X	58 377
	1997 .....	N	X	X	15 090
3119997	Baking powder and yeast .....	N	X	X	363 344
	1997 .....	N	X	X	373 875
31199971	Baking powder and yeast .....	N	X	X	363 344
	1997 .....	N	X	X	371 691
3119997111	Baking powder .....	9	X	D	D
	1997 .....	7	X	P114.7	45 777
3119997121	Yeast, compressed .....	6	X	474.4	176 519
	1997 .....	5	X	495.3	160 539
3119997131	Yeast, active dry .....	4	X	D	D
	1997 .....	5	X	42.9	65 739
3119997141	Other yeast products (brewers', primary grown yeast (including torule), extracts, and other yeast products) .....	8	X	954.6	117 135
	1997 .....	9	X	251.0	99 636
3119997Y	Baking powder and yeast, nsk .....	N	X	X	—
	1997 .....	N	X	X	2 184
3119997YVW	Baking powder and yeast, nsk .....	N	X	X	—
	1997 .....	N	X	X	2 184
311999B	Purchased macaroni and noodle products, packaged with other purchased ingredients .....	N	X	X	787 697
	1997 .....	N	X	X	N
311999B1	Purchased macaroni and noodle products, packaged with other purchased ingredients .....	N	X	X	770 035
	1997 .....	N	X	X	N
311999B111	Purchased macaroni, spaghetti, vermicelli, and other macaroni products, packaged with other purchased ingredients, dry (less than 14 percent moisture), not frozen or canned .....	17	X	S	367 419
	1997 .....	N	X	N	N
311999B121	Purchased macaroni, spaghetti, vermicelli, and other macaroni products, packaged with other purchased ingredients, fresh (14 percent or more moisture), except frozen, canned, or refrigerated .....	16	X	S	255 454
	1997 .....	N	X	N	N
311999B131	Purchased noodle products, including all shapes, sizes, and types (except Chinese), packaged with other purchased ingredients, dry (less than 14 percent moisture), except frozen or canned .....	14	X	S	137 408
	1997 .....	N	X	N	N
311999B141	Purchased noodle products, including all shapes, sizes, and types (except Chinese), packaged with other purchased ingredients, fresh (14% or more moisture), except frozen, canned, or refrigerated .....	5	X	6.6	9 754
	1997 .....	N	X	N	N
311999BY	Purchased macaroni and noodle products, packaged with other purchased ingredients, nsk .....	N	X	X	17 662
	1997 .....	N	X	X	N
311999BYVW	Purchased macaroni and noodle products, packaged with other purchased ingredients, nsk .....	N	X	X	17 662
	1997 .....	N	X	X	N
311999G	Egg processing .....	N	X	X	1 460 559
	1997 .....	N	X	X	1 461 611
311999G1	Eggs (dried, frozen, or liquid) .....	N	X	X	1 313 057
	1997 .....	N	X	X	1 345 194
311999G111	Egg whites, dried .....	9	X	960.4	72 965
	1997 .....	9	X	P24.2	66 625
311999G121	Egg yolks, dried .....	6	X	17.1	29 083
	1997 .....	6	X	P27.4	43 921
311999G131	Dried eggs, whole .....	10	X	S	75 912
	1997 .....	8	X	931.8	55 464
311999G141	Dried eggs, mixed .....	7	X	P80.9	55 619
	1997 .....	7	X	S	86 674
311999G151	Egg whites, frozen or liquid .....	14	X	9139.4	84 444
	1997 .....	15	X	395.0	261 229
311999G161	Egg yolks, frozen or liquid .....	10	X	9109.8	83 121
	1997 .....	13	X	956.6	44 117
311999G171	Eggs, whole, frozen or liquid .....	15	X	P824.7	494 413
	1997 .....	16	X	P667.9	345 086
311999G181	Eggs, mixed, frozen or liquid .....	14	X	P562.9	417 500
	1997 .....	17	X	635.2	442 078
311999GY	Egg processing, nsk .....	N	X	X	147 502
	1997 .....	N	X	X	116 417
311999GYVW	Egg processing, nsk .....	N	X	X	147 502
	1997 .....	N	X	X	116 417
311999J	Flavoring powders, tablets, and paste (including dry mix cocktails) .....	N	X	X	1 668 180
	1997 .....	N	X	X	867 251
311999J1	Flavoring powders, tablets, and paste (including dry mix cocktails) .....	N	X	X	1 613 656
	1997 .....	N	X	X	867 251
311999J111	Soft drink flavoring powders, tablets, and pastes (effervescent and noneffervescent) .....	22	X	S	308 980
	1997 .....	21	X	116.0	466 631
311999J121	Other flavoring powders, tablets, and paste (including dry mix cocktails) .....	87	X	S	1 304 676
	1997 .....	54	X	9114.3	400 620
311999JY	Flavoring powders, tablets, etc. (incl. dry mix cocktails), nsk .....	N	X	X	54 524
	1997 .....	N	X	X	—

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
311999	All other miscellaneous food manufacturing—Con.				
311999J	Flavoring powders, tablets, and paste (including dry mix cocktails)—Con.				
311999JY	Flavoring powders, tablets, etc. (incl. dry mix cocktails), nsk—Con.				
311999JYVW	Flavoring powders, tablets, etc. (incl. dry mix cocktails), nsk	2002.. N 1997.. N	X X	X X	54 524 -
311999P	Other food preparations	2002.. N 1997.. N	X X	X X	2 303 123 N
311999P1	Other food preparations	2002.. N 1997.. N	X X	X X	2 300 652 N
311999P101	Canned puddings	2002.. 10 1997.. N	X X	X X	327 562 N
311999P105	Frosting, ready-to-spread, all varieties, canned	2002.. 11 1997.. N	X X	X X	438 301 N
311999P111	Coconut, sweetened, creamed, and toasted	2002.. 3 1997.. N	X X	D N	D D
311999P121	Blended honey, including churned	2002.. 14 1997.. N	X X	228.0 N	288 001 N
311999P131	Chinese noodles, except canned and frozen	2002.. 30 1997.. N	X X	S N	70 575 N
311999P141	Pectin (100 grade), dry basis	2002.. 1 1997.. N	X X	D N	D N
311999P151	Unpopped popcorn, consumer packages	2002.. 9 1997.. N	X X	S N	658 053 N
311999P161	Cracker sandwiches, made from purchased crackers	2002.. 1 1997.. N	X X	D N	D N
311999P171	All other miscellaneous food preparations	2002.. 38 1997.. N	X X	X X	511 258 N
311999PY	Other food preparations, nsk	2002.. N 1997.. N	X X	X X	2 471 N
311999PYVW	Other food preparations, nsk	2002.. N 1997.. N	X X	X X	2 471 N
311999W	All other miscellaneous food manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	2 488 536 1 147 881
311999WY	All other miscellaneous food manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	2 488 536 1 147 881
311999WYVW	All other miscellaneous food manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	1 463 877 998 247
311999WYVY	All other miscellaneous food manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	1 024 659 149 634
312111	Soft drink manufacturing	2002.. N 1997.. N	X X	X X	29 173 600 28 778 316
31211111	Soft drinks, bottled, carbonated	2002.. N 1997.. N	X X	X X	10 601 992 9 094 971
312111112	Soft drinks, bottled, carbonated, regular and diet, refillable glass	2002.. N 1997.. N	X X	X X	421 592 N
3121111200	Soft drinks, bottled, carbonated, regular and diet, refillable glass (value of quantity detail)	2002.. N 1997.. N	X X	S N	421 592 N
3121111221	Soft drinks, bottled, carbonated, regular, containing some real juice, refillable glass	2002.. N 1997.. N	X X	S D	X X
3121111231	Soft drinks, bottled, carbonated, regular, containing kola extract (except soft drinks containing some real juice), refillable glass	2002.. N 1997.. N	X X	S S	X X
3121111241	Soft drinks, bottled, carbonated, regular (containing lemon, lime, and lemon-lime combinations (except soft drinks containing some real juice)), refillable glass	2002.. N 1997.. N	X X	S S	X X
3121111251	Soft drinks, bottled, carbonated, regular, other flavors (including carbonated and sparkling waters and club soda (except soft drinks containing some real juice)), refillable glass	2002.. N 1997.. N	X X	S S	X X
3121111261	Soft drinks, bottled, carbonated, diet, containing some real juice, refillable glass	2002.. N 1997.. N	X X	S S	X X
3121111271	Soft drinks, bottled, carbonated, diet, containing kola extract (except soft drinks containing some real juice), refillable glass	2002.. N 1997.. N	X X	S D	X X
3121111281	Soft drinks, bottled, carbonated, diet (containing lemon, lime, and lemon-lime combinations (except soft drinks containing some real juice)), refillable glass	2002.. N 1997.. N	X X	S D	X X
3121111291	Soft drinks, bottled, carbonated, diet, other flavors (including carbonated and sparkling waters and club soda (except soft drinks containing some real juice)), refillable glass	2002.. N 1997.. N	X X	S S	X X
31211114	Soft drinks, bottled, carbonated, regular and diet, non-refillable glass	2002.. N 1997.. N	X X	X X	323 026 N
3121111400	Soft drinks, bottled, carbonated, regular and diet, non-refillable glass (value of quantity detail)	2002.. 40 1997.. N	X X	S N	323 026 N
31211114B1	Soft drinks, bottled, carbonated, regular, containing some real juice, non-refillable glass	2002.. N 1997.. N	X X	S S	X X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
312111	Soft drink manufacturing—Con.				
3121111	Soft drinks, bottled, carbonated—Con.				
31211114	Soft drinks, bottled, carbonated, regular and diet, non-refillable glass—Con.				
31211114C1	Soft drinks, bottled, carbonated, regular, containing kola extract (except soft drinks containing some real juice), non-refillable glass . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	S	X
31211114D1	Soft drinks, bottled, carbonated, regular (containing lemon, lime, and lemon-lime combinations (except soft drinks containing some real juice)), non-refillable glass . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	S	X
31211114E1	Soft drinks, bottled, carbonated, regular (carbonated and sparkling waters and club soda (except soft drinks containing some real juice)), non-refillable glass . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	D	X
31211114F1	Soft drinks, bottled, carbonated, regular, other flavors (except soft drinks containing some real juice), non-refillable glass . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	D	X
31211114G1	Soft drinks, bottled, carbonated, diet, containing some real juice, non-refillable glass . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	S	X
31211114H1	Soft drinks, bottled, carbonated, diet, containing kola extract (except soft drinks containing some real juice), non-refillable glass . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	D	X
31211114J1	Soft drinks, bottled, carbonated, diet (containing lemon, lime, and lemon-lime combinations (except soft drinks containing some real juice)), non-refillable glass . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	S	X
31211114K1	Soft drinks, bottled, carbonated, diet, other flavors (including carbonated and sparkling waters and club soda (except soft drinks containing some real juice)), non-refillable glass . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	D	X
31211116	Soft drinks, bottled, carbonated, regular and diet, plastics . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	9 779 744
		1997..	X	X	N
3121111600	Soft drinks, bottled, carbonated, regular and diet, plastics (value of quantity detail) . . . . . mil cases, 192 oz case equiv. .2002..	81	X	S	9 779 744
		1997..	X	N	N
31211116L1	Soft drinks, bottled, carbonated, regular, containing some real juice, plastics . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	D	X
31211116M1	Soft drinks, bottled, carbonated, regular, containing kola extract (except soft drinks containing some real juice), plastics . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	S	X
31211116N1	Soft drinks, bottled, carbonated, regular (containing lemon, lime, and lemon-lime combinations (except soft drinks containing some real juice)), plastics . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	S	X
31211116P1	Soft drinks, bottled, carbonated, regular (carbonated and sparkling waters and club soda (except soft drinks containing some real juice)), plastics . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	D	X
31211116Q1	Soft drinks, bottled, carbonated, regular, other flavors (except soft drinks containing some real juice), plastics . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	S	X
31211116R1	Soft drinks, bottled, carbonated, diet, containing some real juice, plastics . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	S	X
31211116T1	Soft drinks, bottled, carbonated, diet, containing kola extract (except soft drinks containing some real juice), plastics . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	S	X
31211116U1	Soft drinks, bottled, carbonated, diet (containing lemon, lime, and lemon-lime combinations (except soft drinks containing some real juice)), plastics . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	D	X
31211116V1	Soft drinks, bottled, carbonated, diet, other flavors (including carbonated and sparkling waters and club soda (except soft drinks containing some real juice)), plastics . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	D	X
3121111Y	Soft drinks, bottled, carbonated, nsk . . . . .	N	X	D	77 630
		2002..	X	X	165 584
		1997..	X	X	77 630
3121111YVW	Soft drinks, bottled, carbonated, nsk . . . . .	N	X	X	165 584
		2002..	X	X	
		1997..	X	X	
3121114	Soft drinks, canned, carbonated . . . . .	N	X	X	8 879 733
		2002..	X	X	11 762 928
31211141	Soft drinks, canned, carbonated, regular and diet . . . . .	N	X	X	8 794 261
		2002..	X	X	11 762 928
		1997..	X	X	
3121114100	Soft drinks, canned, carbonated, regular and diet (value of quantity detail) . . . . . mil cases, 192 oz case equiv. .2002..	71	X	S	8 794 261
		1997..	118	S	11 713 994
3121114111	Soft drinks, canned, carbonated, regular, containing some real juice . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	D	X
3121114121	Soft drinks, canned, carbonated, regular, containing kola extract (except soft drinks containing some real juice) . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	S	X
3121114131	Soft drinks, canned, carbonated, regular, containing lemon, lime, and lemon-lime combinations (except soft drinks containing some real juice) . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	X	S	X
3121114141	Soft drinks, canned, carbonated, regular, carbonated and sparkling waters and club soda (except those with some real juice) . . . . . mil cases, 192 oz case equiv. .2002..	N	X	S	X
		1997..	N	S	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
312111	Soft drink manufacturing—Con.				
3121114	Soft drinks, canned, carbonated—Con.				
31211141	Soft drinks, canned, carbonated, regular and diet—Con.				
3121114151	Soft drinks, canned, carbonated, regular, other flavors (except soft drinks containing some real juice) . . . . . mil cases, 192 oz case equiv. . . . .	2002 . . . . . N 1997 . . . . . N	X X	S D	X X
3121114161	Soft drinks, canned, carbonated, diet, containing some real juice . . . . . mil cases, 192 oz case equiv. . . . .	2002 . . . . . N 1997 . . . . . N	X X	S S	X X
3121114171	Soft drinks, canned, carbonated, diet, containing kola extracts (except soft drinks containing some real juice) . . . . . mil cases, 192 oz case equiv. . . . .	2002 . . . . . N 1997 . . . . . N	X X	S S	X X
3121114181	Soft drinks, canned, carbonated, diet, containing lemon, lime, and lemon-lime combinations (except soft drinks containing some real juice) . . . . . mil cases, 192 oz case equiv. . . . .	2002 . . . . . N 1997 . . . . . N	X X	S S	X X
3121114191	Soft drinks, canned carbonated, diet, carbonated and sparkling waters and club soda (except soft drinks containing some real juice) . . . . . mil cases, 192 oz case equiv. . . . .	2002 . . . . . N 1997 . . . . . N	X X	S S	X X
31211141A1	Soft drinks, canned, carbonated, other flavors (except soft drinks containing some real juice) . . . . . mil cases, 192 oz case equiv. . . . .	2002 . . . . . N 1997 . . . . . N	X X	S S	X X
3121114Y	Soft drinks, canned, carbonated, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	85 472 N
3121114YV	Soft drinks, canned, carbonated, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	85 472 N
312111A	Soft drinks, non-carbonated . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	6 407 418 5 817 078
312111A1	Soft drinks, non-carbonated, fruit drinks, cocktails, and ades, containing some real juice, 16.9 oz (1/2 liter) or less container, except concentrates . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 479 894 1 187 495
312111A111	Soft drinks, non-carbonated, fruit drinks, cocktails, and ades, containing some real juice, 16.9 oz (1/2 liter) or less container, except concentrates . . . . . mil gal. . . . .	2002 . . . . . 74 1997 . . . . . 80	X X	S S	1 479 894 1 187 495
312111A2	Soft drinks, non-carbonated, fruit drinks, cocktails, and ades, containing some real juice, other container sizes, except concentrates . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 949 796 2 096 786
312111A221	Soft drinks, non-carbonated, fruit drinks, cocktails, and ades, containing some real juice, other container sizes, except concentrates . . . . . mil gal. . . . .	2002 . . . . . 89 1997 . . . . . 140	X X	S S	2 949 796 2 096 786
312111A3	Soft drinks, non-carbonated, all other types . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 965 965 2 532 797
312111A331	Soft drinks, non-carbonated, fruit drinks, cocktails, and ades, containing some real juice, concentrates . . . . . mil gal. . . . .	2002 . . . . . 31 1997 . . . . . 39	X X	S P133.4	328 430 531 719
312111A341	Soft drinks, non-carbonated, fruit drinks, cocktails, and ades (except soft drinks containing some real juice), 16.9 oz (1/2 liter) or less container, except concentrates . . . . . mil gal. . . . .	2002 . . . . . 16 1997 . . . . . 24	X X	93.4 P83.8	318 893 208 924
312111A351	Soft drinks, non-carbonated, fruit drinks, cocktails, and ades (except soft drinks containing some real juice), other container sizes, except concentrates . . . . . mil gal. . . . .	2002 . . . . . 21 1997 . . . . . 29	X X	158.4 P156.2	809 459 552 945
312111A361	Soft drinks, non-carbonated, fruit drinks, cocktails, and ades (except soft drinks containing some real juice), concentrates . . . . . mil gal. . . . .	2002 . . . . . 5 1997 . . . . . 6	X X	D 13.1	D 32 506
312111A371	Soft drinks, non-carbonated, iced tea, with or without flavorings, canned . . . . . mil gal. . . . .	2002 . . . . . 23 1997 . . . . . 30	X X	S S	170 951 211 214
312111A381	Soft drinks, non-carbonated, iced tea, with or without flavorings, bottled . . . . . mil gal. . . . .	2002 . . . . . 27 1997 . . . . . 32	X X	D P58.7	D 102 818
312111A391	Soft drinks, non-carbonated, all other types . . . . . mil gal. . . . .	2002 . . . . . 26 1997 . . . . . 39	X X	S S	172 468 892 671
312111AY	Soft drinks, non-carbonated, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	11 763 —
312111AYV	Soft drinks, non-carbonated, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	11 763 —
312111W	Soft drink manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 284 457 964 092
312111WY	Soft drink manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 284 457 964 092
312111WYV	Soft drink manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 127 204 742 252
312111WYVY	Soft drink manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	157 253 221 840
312112	Bottled water manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 582 035 836 529
3121120	Bottled water manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 582 035 836 529
31211201	Bottled water . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 411 504 781 063
3121120100	Bottled water, non-carbonated, processed or pasteurized, except artificially carbonated and sterile . . . . . mil gal. . . . .	2002 . . . . . 120 1997 . . . . . 101	X X	S P486.9	2 411 504 781 063
3121120Y	Bottled water manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	170 531 55 466
3121120YV	Bottled water manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N	X	X	112 113

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
312112	Bottled water manufacturing—Con.				
3121120	Bottled water manufacturing—Con.				
3121120Y	Bottled water manufacturing, nsk, total—Con.				
3121120YWW	Bottled water manufacturing, nsk, for nonadministrative-record establishments—Con.				
3121120YWY	Bottled water manufacturing, nsk, for administrative-record establishments	1997.. N	X	X	144
		2002.. N	X	X	58 418
		1997.. N	X	X	55 322
312113	Ice manufacturing	2002.. N	X	X	588 398
		1997.. N	X	X	406 254
3121130	Ice manufacturing	2002.. N	X	X	588 398
		1997.. N	X	X	406 254
31211301	Ice manufacturing	2002.. N	X	X	429 630
		1997.. N	X	X	304 594
3121130111	Ice, manufactured, can or block	1,000 s tons.. 2002.. 50	X	S	53 558
		1997.. 45	X	S	34 722
3121130121	Ice, manufactured (cubed, crushed, etc.), except can or block	1,000 s tons.. 2002.. 118	X	S	376 072
		1997.. 146	X	S	269 872
3121130Y	Ice manufacturing, nsk, total	2002.. N	X	X	158 768
		1997.. N	X	X	101 660
3121130YWW	Ice manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	91 123
		1997.. N	X	X	51 906
3121130YWY	Ice manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	67 645
		1997.. N	X	X	49 754
312120	Breweries	2002.. N	X	X	17 789 150
		1997.. N	X	X	18 162 490
3121201	Beer and ale, canned, case goods	2002.. N	X	X	9 221 705
		1997.. N	X	X	9 694 616
31212011	Beer and ale, canned, case goods, 12 oz	2002.. N	X	X	7 731 708
		1997.. N	X	X	8 369 236
3121201111	Beer and ale, canned, case goods, 12 oz	1,000 cases.. 2002.. 13	X	S	7 731 708
		1997.. 20	X	S	8 369 236
31212012	Beer and ale, canned, case goods, other sizes	2002.. N	X	X	1 358 181
		1997.. N	X	X	1 227 675
3121201221	Beer and ale, canned, case goods, 16 oz	1,000 cases.. 2002.. 10	X	S	627 549
		1997.. 11	X	S	730 009
3121201231	Beer and ale, canned, case goods, all other sizes	1,000 cases.. 2002.. 4	X	S	730 632
		1997.. 6	X	S	497 666
3121201Y	Beer and ale, canned, case goods, nsk	2002.. N	X	X	131 816
		1997.. N	X	X	97 705
3121201YWV	Beer and ale, canned, case goods, nsk	2002.. N	X	X	131 816
		1997.. N	X	X	97 705
3121204	Beer and ale, bottled, case goods	2002.. N	X	X	6 737 874
		1997.. N	X	X	6 209 755
31212041	Beer, bottled, case goods, returnable	2002.. N	X	X	345 092
		1997.. N	X	X	854 278
3121204111	Beer, bottled, case goods, returnable, less than 12 oz	1,000 cases.. 2002.. 3	X	D	D
		1997.. 6	X	S	43 371
3121204121	Beer, bottled, case goods, returnable, 12 oz	1,000 cases.. 2002.. 22	X	S	296 516
		1997.. 21	X	S	778 401
3121204131	Beer, bottled, case goods, returnable, 32 oz	1,000 cases.. 2002.. 1	X	D	D
		1997.. 9	X	D	D
3121204141	Beer, bottled, case goods, returnable, all other sizes	1,000 cases.. 2002.. 10	X	D	D
		1997.. N	X	X	6 230 003
31212042	Beer and ale, bottled, case goods, non-returnable	2002.. N	X	X	5 229 563
		1997.. N	X	X	100 198
3121204251	Beer, bottled, case goods, non-returnable, less than 12 oz	1,000 cases.. 2002.. 5	X	S	124 863
		1997.. 8	X	S	25 733.9
3121204261	Beer, bottled, case goods, non-returnable, 12 oz	1,000 cases.. 2002.. 40	X	S	5 512 799
		1997.. 41	X	S	4 263 786
3121204271	Beer, bottled, case goods, non-returnable, 32 oz	1,000 cases.. 2002.. 6	X	D	D
		1997.. 8	X	D	D
3121204281	Beer, bottled, case goods, non-returnable, all other sizes	1,000 cases.. 2002.. 18	X	S	36 106.8
		1997.. 19	X	S	452 551.5
3121204291	Ale, bottled, case goods, non-returnable, all sizes	1,000 cases.. 2002.. 14	X	D	495 914
		1997.. 19	X	D	D
3121204Y	Beer and ale, bottled, case goods, nsk	2002.. N	X	X	5 713.4
		1997.. N	X	X	162 779
3121204YWV	Beer and ale, bottled, case goods, nsk	2002.. N	X	X	125 914
		1997.. N	X	X	162 779
		1997.. N	X	X	125 914
3121207	Beer and ale, barrels and kegs	2002.. N	X	X	1 084 752
		1997.. N	X	X	1 113 941
31212071	Beer and ale, barrels and kegs	2002.. N	X	X	1 030 014
		1997.. N	X	X	1 058 645
3121207111	Beer and ale, barrels, one-half	1,000 bbl.. 2002.. 61	X	X	869 791
		1997.. 59	X	X	18 832.8
3121207121	Beer and ale, barrels, all other sizes	1,000 bbl.. 2002.. 36	X	X	160 223
		1997.. 25	X	X	966.2
3121207Y	Beer and ale, barrels and kegs, nsk	2002.. N	X	X	55 618
		1997.. N	X	X	54 738
3121207YWV	Beer and ale, barrels and kegs, nsk	2002.. N	X	X	55 296
		1997.. N	X	X	54 738
		1997.. N	X	X	55 296
3121209	All other malt beverages and brewing products	2002.. N	X	X	321 335
		1997.. N	X	X	N
31212091	All other malt beverages and brewing products	2002.. N	X	X	321 335
		1997.. N	X	X	N
3121209111	Beer, nonalcoholic	1,000 cases.. 2002.. 1	X	D	D
		1997.. N	X	N	N
3121209121	Malt liquors, cans or bottles	1,000 cases.. 2002.. 7	X	S	141 915
		1997.. N	X	N	N
3121209131	Brewers' spent grains, dry	1,000 s tons.. 2002.. 2	X	D	D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
312120	Breweries—Con.				
3121209	All other malt beverages and brewing products—Con.				
31212091	All other malt beverages and brewing products—Con.				
3121209131	Brewers' spent grains, dry—Con.				
		1997..	N	X	N
3121209141	Brewers' spent grains, wet .....	1,000 s tons..2002..	9	X	S
		1997..	N	X	N
3121209153	Malt extracts .....	2002..	3	X	X
		1997..	N	X	D
3121209155	All other malt beverages and brewing products (porter, stout, etc., bulk transfers, malt syrup) .....	mil lb..2002..	4	X	P577.8
		1997..	N	X	N
3121209Y	All other malt beverages and brewing products, nsk .....	2002..	N	X	X
		1997..	N	X	N
3121209YVW	All other malt beverages and brewing products, nsk .....	2002..	N	X	X
		1997..	N	X	N
312120W	Breweries, nsk, total .....	2002..	N	X	X
		1997..	N	X	423 484
312120WY	Breweries, nsk, total .....	2002..	N	X	X
		1997..	N	X	539 022
312120WYVW	Breweries, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	124 237
312120WYVY	Breweries, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	60 609
					299 247
					478 413
312130	Wineries .....	2002..	N	X	X
		1997..	N	X	9 025 982
3121300	Wine, brandy, and brandy spirits .....	2002..	N	X	X
		1997..	N	X	6 144 389
31213001	Wines, white grape, 14 percent or less alcohol content .....	2002..	N	X	X
		1997..	N	X	3 098 149
3121300111	Wines, white grape, 14 percent or less alcohol content .....	mil wine gal..2002..	255	X	466.3
		1997..	188	X	398.2
31213002	Wines, red grape, 14 percent or less alcohol content .....	2002..	N	X	X
		1997..	N	X	2 508 360
3121300221	Wines, red grape, 14 percent or less alcohol content .....	mil wine gal..2002..	252	X	P263.5
		1997..	191	X	184.1
31213003	Wines, rose grape, 14 percent or less alcohol content .....	2002..	N	X	X
		1997..	N	X	1 234 898
3121300331	Wines, rose grape, 14 percent or less alcohol content .....	mil wine gal..2002..	45	X	651 190
		1997..	34	X	447 677
31213004	Wines, other fruit and berry, 14 percent or less alcohol content .....	2002..	N	X	X
		1997..	N	X	D
3121300441	Wines, other fruit and berry, 14 percent or less alcohol content .....	mil wine gal..2002..	19	X	D
		1997..	12	X	D
31213005	Wines, dessert, excluding specialties .....	2002..	N	X	X
		1997..	N	X	647 795
3121300551	Wines, dessert, excluding specialties .....	mil wine gal..2002..	38	X	P68.9
		1997..	30	X	36.0
31213006	Wines, effervescent, including sparkling (naturally and artificially carbonated) .....	2002..	N	X	X
		1997..	N	X	475 433
3121300661	Wines, effervescent, including sparkling (naturally and artificially carbonated) .....	mil wine gal..2002..	26	X	59.4
		1997..	30	X	69.3
31213007	Wine coolers .....	2002..	N	X	X
		1997..	N	X	D
3121300771	Wine coolers .....	mil wine gal..2002..	3	X	D
		1997..	3	X	D
3121300A	All other wines, brandy, and brandy spirits .....	2002..	N	X	X
		1997..	N	X	707 781
3121300AB1	Brandy, beverage and neutral, including neutral fruit spirits, excluding neutral citrus residue brandy .....	mil tax gal..2002..	9	X	D
		1997..	N	X	N
3121300AD1	Applejack .....	2002..	3	X	X
		1997..	N	X	3 743
3121300AE1	All other wines, brandy, and brandy spirits, including mermouth, nonalcoholic wines, and other specialty wines .....	mil wine gal..2002..	32	X	D
		1997..	N	N	N
3121300Y	Wine, brandy, and brandy spirits, nsk, total .....	2002..	N	X	X
		1997..	N	X	725 715
3121300YVW	Wine, brandy, and brandy spirits, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	404 717
3121300YVY	Wine, brandy, and brandy spirits, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	384 402
					191 054
3121300YVY	Wine, brandy, and brandy spirits, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	341 313
					213 663
312140	Distilleries .....	2002..	N	X	X
		1997..	N	X	4 211 838
3121402	Distilled liquor, except brandy .....	2002..	N	X	X
		1997..	N	X	968 543
31214021	Distilled whiskey, raw (bourbon, rye, etc.) .....	2002..	N	X	X
		1997..	N	X	419 023
3121402111	Distilled whiskey, raw (bourbon, rye, etc.) .....	mil proof gal..2002..	8	X	S
		1997..	N	X	N
31214023	Distillers' dried grains (dark and light) and dried solubles .....	2002..	N	X	X
		1997..	N	X	D
3121402351	Distillers' dried grains (dark and light) and dried solubles .....	1,000 s tons..2002..	19	D	D
		1997..	N	N	N
31214024	All other distilled liquor, except brandy .....	2002..	N	X	X
		1997..	N	X	D
3121402421	Distilled grain neutral spirits, including neutral citrus residue brandy .....	mil proof gal..2002..	—	X	D
		1997..	N	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
312140	Distilleries—Con.				
3121402	Distilled liquor, except brandy—Con.				
31214024	All other distilled liquor, except brandy—Con.				
3121402423	Distilled vodka, including original and continuous distillation or processing operations . . . . . mil proof gal. . . . .	2002 . . . . . 3 1997 . . . . . N	X X	S N	40 186 N
3121402443	Other distilled liquors (including rum, gin, and cane neutral spirits), except applejack . . . . .	2002 . . . . . 3 1997 . . . . . N	X X	X X	D N
3121402Y	Distilled liquor, except brandy, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	240 827 N
3121402YVW	Distilled liquor, except brandy, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	240 827 N
3121404	Bottled liquor, except brandy . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 088 267 2 621 726
31214041	Bottled whiskey, unprocessed . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D 650 865
3121404111	Bottled whiskey, unprocessed . . . . . mil wine gal. . . . .	2002 . . . . . 6 1997 . . . . . 8	X X	D 46.0	D 650 865
31214042	Bottled whiskey, blends, not containing neutral spirits . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D 110 719
3121404221	Bottled whiskey, blends, not containing neutral spirits . . . . . mil wine gal. . . . .	2002 . . . . . 6 1997 . . . . . 8	X X	D P4.4	D 110 719
31214043	Bottled blends of whiskey with neutral spirits . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D 47 885
3121404331	Bottled blends of whiskey with neutral spirits . . . . . mil wine gal. . . . .	2002 . . . . . 5 1997 . . . . . 8	X X	D 96.5	D 47 885
31214044	Bottled whiskey, other types . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D 309 620
3121404441	Bottled whiskey, other types . . . . . mil wine gal. . . . .	2002 . . . . . 8 1997 . . . . . 13	X X	D 27.7	D 309 620
31214045	Bottled gin . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	287 259 67 724
3121404551	Bottled gin . . . . . mil wine gal. . . . .	2002 . . . . . 11 1997 . . . . . 12	X X	S 13.2	X 67 724
31214046	Bottled cordials (liqueurs) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	391 794 431 630
3121404661	Bottled cordials (liqueurs) . . . . . mil wine gal. . . . .	2002 . . . . . 9 1997 . . . . . 14	X X	27.0 928.4	391 794 431 630
31214047	Bottled cocktails and similar compounds . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	49 145 42 643
3121404771	Bottled cocktails and similar compounds . . . . . mil wine gal. . . . .	2002 . . . . . 3 1997 . . . . . 5	X X	S X	49 145 42 643
31214048	Bottled vodka . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D 382 801
3121404881	Bottled vodka . . . . . mil wine gal. . . . .	2002 . . . . . 10 1997 . . . . . 15	X X	D P33.6	D 382 801
31214049	Bottled liquor, all other types, except brandy . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	660 495 385 027
3121404991	Bottled rum . . . . . mil wine gal. . . . .	2002 . . . . . 9 1997 . . . . . 9	X X	D S	D 95 339
31214049A1	Bottled liquor, all other types, except bottled in bond . . . . . mil wine gal. . . . .	2002 . . . . . 6 1997 . . . . . 10	X X	D 14.3	D 142 092
31214049B1	Bottled liquor, bottled in bond . . . . . mil wine gal. . . . .	2002 . . . . . 7 1997 . . . . . 3	X X	D S	D 147 596
3121404Y	Bottled liquor, except brandy, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	— 192 812
3121404YVW	Bottled liquor, except brandy, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	— 192 812
312140W	Distilleries, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	155 028 54 524
312140WY	Distilleries, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	155 028 54 524
312140WYVW	Distilleries, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	127 015 41 828
312140WYVWY	Distilleries, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	28 013 12 696
312210	Tobacco stemming and redrying . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 056 811 3 129 196
3122101	Tobacco, unstemmed leaf, redried before packing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	414 341 104 353
31221011	Tobacco, unstemmed leaf, redried before packing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	414 341 104 353
3122101100	Tobacco, unstemmed leaf, redried before packing . . . . . mil lb. . . . .	2002 . . . . . 8 1997 . . . . . 8	X X	S 42.2	414 341 104 353
3122104	Tobacco, stemmed . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	639 289 3 024 843
31221041	Tobacco, stemmed . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	639 289 3 024 843
3122104111	Tobacco, stemmed, aged leaf, packed for sale as such . . . . . mil lb. . . . .	2002 . . . . . 4 1997 . . . . . 6	X X	255.2 231.9	254 206 406 290
3122104121	Tobacco, stemmed, not aged leaf, packed for sale as such . . . . . mil lb. . . . .	2002 . . . . . 4 1997 . . . . . 7	X X	S 815.2	335 802 2 162 638
3122104131	Tobacco, stemmed, including aged and not aged leaf, packed for use in own manufacturing (interplant transfers) . . . . . mil lb. . . . .	2002 . . . . . 4 1997 . . . . . 7	X X	S 210.5	49 281 455 915
3122104Y	Tobacco, stemmed, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	— —
3122104YVW	Tobacco, stemmed, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	— —
312210W	Tobacco stemming and redrying, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 181 —

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
312210	Tobacco stemming and redrying—Con.				
312210W	Tobacco stemming and redrying, nsk, total—Con.				
312210WY	Tobacco stemming and redrying, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
312210WYWW	Tobacco stemming and redrying, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
312210WYWY	Tobacco stemming and redrying, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
312221	Cigarette manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3122210	Cigarettes, including nontobacco .....	2002..	N	X	X
		1997..	N	X	X
31222101	Cigarettes, including nontobacco .....	2002..	N	X	X
		1997..	N	X	X
3122210111	Cigarettes, including nontobacco, filter tip, 80 millimeters long or less .....	billions..	11	X	S
		1997..	3	X	D
3122210121	Cigarettes, including nontobacco, filter tip, 85 millimeters long .....	billions..	8	X	273.2
		1997..	8	X	368.3
3122210131	Cigarettes, including nontobacco, filter tip, 100 millimeters long or more .....	billions..	6	X	198.6
		1997..	7	X	D
3122210141	Cigarettes, including nontobacco, nonfilter tip .....	billions..	5	X	S
		1997..	6	X	10.2
3122210Y	Cigarettes, including nontobacco, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
3122210YWW	Cigarettes, including nontobacco, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
3122210YWY	Cigarettes, including nontobacco, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
312229	Other tobacco product manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3122291	Cigars .....	2002..	N	X	X
		1997..	N	X	X
31222911	Cigars .....	2002..	N	X	X
		1997..	N	X	X
3122291111	Cigars, cigarette-size, weighing less than 3 lb per 1,000 cigars .....	millions..	4	X	D
		1997..	8	X	D
3122291121	Cigarillos, weighing 3 to 10 lb per 1,000 cigars .....	millions..	3	X	D
		1997..	14	X	D
3122291131	Cigars, weighing more than 10 lb per 1,000 cigars .....	millions..	10	X	S
		1997..	19	X	3 311.3
3122291Y	Cigars, nsk .....	2002..	N	X	X
		1997..	N	X	X
3122291YWV	Cigars, nsk .....	2002..	N	X	X
		1997..	N	X	X
3122294	Chewing and smoking tobacco .....	2002..	N	X	X
		1997..	N	X	X
31222941	Smoking tobacco .....	2002..	N	X	X
		1997..	N	X	X
3122294111	Smoking tobacco .....	mil lb..	10	X	43.8
		1997..	13	X	75.9
31222942	Chewing tobacco (looseleaf), snuff, and all other chewing tobacco .....	2002..	N	X	X
		1997..	N	X	X
3122294221	Chewing tobacco, looseleaf .....	mil lb..	6	X	D
		1997..	6	X	D
3122294231	Snuff, dry and moist .....	mil lb..	5	X	D
		1997..	6	X	D
3122294241	All other chewing tobacco (fine cut, twist, plug, etc.) .....	mil lb..	3	X	S
		1997..	5	X	15.7
3122294Y	Chewing and smoking tobacco, nsk .....	2002..	N	X	X
		1997..	N	X	X
3122294YWV	Chewing and smoking tobacco, nsk .....	2002..	N	X	X
		1997..	N	X	X
3122297	Reconstituted tobacco, processed sheet and homogenized .....	2002..	N	X	X
		1997..	N	X	X
31222971	Reconstituted tobacco, processed sheet and homogenized .....	2002..	N	X	X
		1997..	N	X	X
3122297100	Reconstituted tobacco, processed sheet and homogenized .....	mil lb..	4	X	D
		1997..	4	X	D
312229W	Other tobacco product manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
312229WY	Other tobacco product manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
312229WYWW	Other tobacco product manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
312229WYWY	Other tobacco product manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
313111	Yarn spinning mills .....	2002..	N	X	X
		1997..	N	X	X
3131111	Yarns, carded, cotton .....	2002..	N	X	X
		1997..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
313111	Yarn spinning mills—Con.				
3131111	Yarns, carded, cotton—Con.				
31311111	Yarns, carded, cotton, gray	2002.. N	X	X	1 901 962
		1997.. N	X	X	2 199 053
313111111	Yarns, carded, cotton, gray <sup>5</sup>	2002.. 46	3 256.6	1 555.0	1 901 962
		1997.. 55	3 858.7	1 621.6	2 199 053
31311112	Yarns, carded, cotton, spun and finished in the same establishment	2002.. N	X	X	386 358
		1997.. N	X	X	1 433 994
313111221	Yarns, carded, cotton, spun and finished in the same establishment	2002.. 14	X	S	386 358
		1997.. 18	X	S	1 433 994
3131111Y	Yarns, carded, cotton, nsk	2002.. N	X	X	18 952
		1997.. N	X	X	19
3131111YWV	Yarns, carded, cotton, nsk	2002.. N	X	X	18 952
		1997.. N	X	X	19
3131113	Yarns, combed, cotton	2002.. N	X	X	627 203
		1997.. N	X	X	645 919
31311131	Yarns, combed, cotton	2002.. N	X	X	627 172
		1997.. N	X	X	645 570
313111311	Yarns, combed, cotton, gray <sup>5</sup>	2002.. 17	264.0	S	550 371
		1997.. 24	469.4	318.5	578 422
313111312	Yarns, combed, cotton, spun and finished in the same establishment	2002.. 4	X	68.2	76 801
		1997.. 6	X	40.2	67 148
3131113Y	Yarns, combed, cotton, nsk	2002.. N	X	X	31
		1997.. N	X	X	349
3131113YWV	Yarns, combed, cotton, nsk	2002.. N	X	X	31
		1997.. N	X	X	349
3131115	Yarns, spun, rayon, acetate, and lyocell	2002.. N	X	X	173 909
		1997.. N	X	X	247 992
31311151	Yarns, spun, rayon, acetate, and lyocell	2002.. N	X	X	172 016
		1997.. N	X	X	247 042
313111511	Yarns, spun, rayon, acetate, and lyocell, gray <sup>5</sup>	2002.. 16	59.4	926.9	96 596
		1997.. 28	129.9	68.6	238 506
313111512	Yarns, spun, rayon, acetate, and lyocell, spun and finished in the same establishment	2002.. 6	X	S	75 420
		1997.. 7	X	3.2	8 536
3131115Y	Yarns, spun, rayon, acetate, and lyocell, nsk	2002.. N	X	X	1 893
		1997.. N	X	X	950
3131115YWV	Yarns, spun, rayon, acetate, and lyocell, nsk	2002.. N	X	X	1 893
		1997.. N	X	X	950
3131116	Yarns, spun, noncellulosic fiber and other natural fibers	2002.. N	X	X	2 904 535
		1997.. N	X	X	N
31311161	Yarns, spun, polyester, gray	2002.. N	X	X	1 068 141
		1997.. N	X	X	N
313111611	Yarns, spun, polyester, gray <sup>5</sup>	2002.. 40	1 440.5	9813.9	1 068 141
		1997.. N	N	N	N
31311162	Yarns, spun, polyester, spun and finished in the same establishment	2002.. N	X	X	304 342
		1997.. N	X	X	N
3131116221	Yarns, spun, polyester, spun and finished in the same establishment	2002.. 18	X	S	304 342
		1997.. N	X	N	N
31311163	Yarns, spun, other noncellulosic fiber and other natural fibers, gray	2002.. N	X	X	984 394
		1997.. N	X	X	N
3131116331	Yarns, spun, other noncellulosic fiber and other natural fibers, gray <sup>5</sup>	2002.. 35	S	S	984 394
		1997.. N	N	N	N
31311164	Yarns, spun, other noncellulosic fiber and other natural fibers, spun and finished in the same establishment	2002.. N	X	X	514 261
		1997.. N	X	X	N
3131116451	Yarns, spun, other noncellulosic fibers and other natural yarns, spun and finished in the same establishment	2002.. 17	X	S	514 261
		1997.. N	X	N	N
3131116Y	Yarns, spun, noncellulosic fiber and other natural fibers, nsk	2002.. N	X	X	33 397
		1997.. N	X	X	N
3131116YWV	Yarns, spun, noncellulosic fiber and other natural fibers, nsk	2002.. N	X	X	33 397
		1997.. N	X	X	N
3131119	Yarns, wool, including new, reused, and reprocessed	2002.. N	X	X	159 454
		1997.. N	X	X	265 659
31311191	Yarns, wool, including new, reused, and reprocessed	2002.. N	X	X	159 454
		1997.. N	X	X	262 842
3131119100	Yarns, wool, including new, reused, and reprocessed <sup>5</sup>	2002.. 23	40.5	948.0	159 454
		1997.. N	N	N	N
313111C	Scouring and combing mill products	2002.. N	X	X	131 019
		1997.. N	X	X	D
313111C1	Scouring and combing mill products	2002.. N	X	X	131 019
		1997.. N	X	X	D
313111C111	Tops and noils, including top or sliver converted from tow without combing	2002.. 3	X	X	D
		1997.. 6	X	X	D
313111C121	Scoured wool and other scouring and combing mill products (nubs and slubs, etc.)	2002.. 3	X	X	D
		1997.. 8	X	X	D
313111CY	Scouring and combing mill products, nsk	2002.. N	X	X	—
		1997.. N	X	X	—
313111CYWV	Scouring and combing mill products, nsk	2002.. N	X	X	—
		1997.. N	X	X	—
313111W	Yarn spinning mills, nsk, total	2002.. N	X	X	97 910
		1997.. N	X	X	105 040
313111WY	Yarn spinning mills, nsk, total	2002.. N	X	X	97 910
		1997.. N	X	X	105 040

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
313111	Yarn spinning mills—Con.				
313111W	Yarn spinning mills, nsk, total—Con.				
313111WY	Yarn spinning mills, nsk, total—Con.				
313111WYWW	Yarn spinning mills, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	47 674 52 616
313111WYWY	Yarn spinning mills, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	50 236 52 424
313112	Yarn texturizing, throwing, and twisting mills	2002.. N 1997.. N	X X	X X	4 262 180 4 421 632
3131121	Yarns, novelty and plied, except wool, not spun or thrown at the same establishment	2002.. N 1997.. N	X X	X X	146 416 156 841
31311211	Yarns, novelty and plied, except wool, not spun or thrown at the same establishment	2002.. N 1997.. N	X X	X X	146 416 156 841
3131121111	Yarns, novelty, except wool, not spun or thrown at the same establishment	2002.. 6 1997.. 7	X X	X X	71 075 65 141
3131121121	Yarns, plied, except wool, not spun or thrown at the same establishment	mil lb. 2002.. 8 1997.. 9	X X	S S	75 341 91 700
3131121Y	Yarns, novelty and plied, except wool, not spun or thrown at the same establishment, nsk	2002.. N 1997.. N	X X	X X	— —
3131121YWW	Yarns, novelty and plied, except wool, not spun or thrown at the same establishment, nsk	2002.. N 1997.. N	X X	X X	— —
3131123	Yarns, thrown, filament, except textured	2002.. N 1997.. N	X X	X X	1 300 154 1 023 930
31311231	Yarns, thrown, filament, except textured, nylon	2002.. N 1997.. N	X X	X X	966 647 723 458
3131123111	Yarns, thrown, filament, except textured, nylon	mil lb. 2002.. 24 1997.. 32	X X	S S	966 647 723 458
31311232	Yarns, thrown, filament, except textured, all other types (except nylon)	2002.. N 1997.. N	X X	X X	333 507 292 601
3131123221	Yarns, thrown, filament, except textured, polyester	mil lb. 2002.. 22 1997.. 28	X X	D 83.8	D 168 997
3131123231	Yarns, thrown, filament, except textured, all other types (except nylon and polyester)	mil lb. 2002.. 9 1997.. 13	X X	D 63.7	D 123 604
3131123Y	Yarns, thrown, filament, except textured, nsk	2002.. N 1997.. N	X X	X X	— 7 871
3131123YWW	Yarns, thrown, filament, except textured, nsk	2002.. N 1997.. N	X X	X X	— 7 871
3131125	Yarns, textured, crimped, and bulked, filament, including stretch, made from purchased yarn	2002.. N 1997.. N	X X	X X	2 615 028 3 092 822
31311251	Yarns, textured, crimped, and bulked, filament, including stretch, made from purchased yarn	2002.. N 1997.. N	X X	X X	2 615 028 3 092 822
3131125100	Yarns, textured, crimped, and bulked, filament, including stretch, made from purchased yarn	mil lb. 2002.. 30 1997.. 44	3 038.9 3 609.4	<sup>p</sup> 1 792.0 2 223.6	2 615 028 3 092 822
3131128	Yarns, filament, commission receipts for throwing, texturing, or winding	2002.. N 1997.. N	X X	X X	127 764 N
31311281	Yarns, filament, commission receipts for throwing, texturing, or winding (including winding, warping, etc.)	2002.. N 1997.. N	X X	X X	127 764 N
3131128111	Yarns, filament, commission receipts for throwing, texturing, or winding	2002.. 11 1997.. N	X X	X X	20 511 N
3131128122	Yarns, filament, commission receipts for winding, warping, etc., yarns not thrown or spun in the same establishment	2002.. 8 1997.. N	X X	X X	107 253 N
3131128Y	Yarns, filament, commission receipts for throwing, texturing, or winding, nsk	2002.. N 1997.. N	X X	X X	— N
3131128YWW	Yarns, filament, commission receipts for throwing, texturing, or winding, nsk	2002.. N 1997.. N	X X	X X	— N
313112W	Yarn texturizing, throwing, and twisting mills, nsk, total	2002.. N 1997.. N	X X	X X	72 818 104 826
313112WY	Yarn texturizing, throwing, and twisting mills, nsk, total	2002.. N 1997.. N	X X	X X	72 818 104 826
313112WYWW	Yarn texturizing, throwing, and twisting mills, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	48 698 77 738
313112WYWY	Yarn texturizing, throwing, and twisting mills, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	24 120 27 088
313113	Thread mills	2002.. N 1997.. N	X X	X X	307 118 702 519
3131130	Thread mills	2002.. N 1997.. N	X X	X X	307 118 702 519
31311301	Thread mills	2002.. N 1997.. N	X X	X X	260 835 688 581
3131130112	Thread, spun, finished, except cordage products (bag thread, string, twine, rope, etc.), all types (except cotton)	2002.. 7 1997.. N	X X	X X	D N
3131130132	Thread, spun, finished, except cordage products (bag thread, string, twine, rope, etc.), cotton	2002.. 16	X	X	143 124

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
313113	Thread mills—Con.				
3131130	Thread mills—Con.				
31311301	Thread mills—Con.				
3131130132	Thread, spun, finished, except cordage products (bag thread, string, twine, rope, etc.), cotton—Con.	1997..	N	X	X N
3131130152	Thread, filament, finished, except cordage products (bag thread, string, twine, rope, etc.), including silk	2002..	9	X	X 70 776
		1997..	N	X	X N
3131130172	Thread, finished, core, except cordage products (bag thread, string, twine, rope, etc.), cotton or manmade sheath	2002..	4	X	X 19 914
		1997..	N	X	X N
31311301C1	Thread, unfinished, shipped or transferred to other plants for finishing	2002..	2	X	X D
		1997..	1	X	X D
3131130Y	Thread mills, nsk, total	2002..	N	X	X 46 283
		1997..	N	X	X 13 938
3131130YWW	Thread mills, nsk, for nonadministrative-record establishments	2002..	N	X	X 24 549
		1997..	N	X	X 6 327
3131130YWY	Thread mills, nsk, for administrative-record establishments	2002..	N	X	X 21 734
		1997..	N	X	X 7 611
313210	Broadwoven fabric mills	2002..	N	X	X 10 825 366
		1997..	N	X	X 17 405 307
3132101	Broadwoven fabrics, cotton, plain weave (except pile), gray goods	2002..	N	X	X 959 518
		1997..	N	X	X 975 740
31321011	Broadwoven fabrics, cotton, plain weave (except pile), gray goods	2002..	N	X	X 959 518
		1997..	N	X	X 975 740
3132101100	Broadwoven fabrics, cotton, plain weave (except pile), gray goods <sup>6</sup>	mil sq yd. 2002..	32	1 938.2	<sup>q1</sup> 514.3 959 518
		1997..	43	<sup>p2</sup> 474.2	2 336.8 975 740
3132103	Broadwoven fabrics, cotton, twill weave (except pile), gray goods	2002..	N	X	X 822 951
		1997..	N	X	X 2 193 692
31321031	Broadwoven fabrics, cotton, twill weave (except pile), gray goods	2002..	N	X	X 822 951
		1997..	N	X	X 2 193 692
3132103100	Broadwoven fabrics, cotton, twill weave (except pile), gray goods <sup>6</sup>	mil sq yd. 2002..	18	674.7	577.4 822 951
		1997..	29	<sup>p1</sup> 818.3	1 521.3 2 193 692
3132105	Broadwoven fabrics, cotton, all other weaves (except plain, twill, or pile), gray goods	2002..	N	X	X 193 768
		1997..	N	X	X 427 642
31321051	Broadwoven fabrics, cotton, all other weaves (except plain, twill, or pile), gray goods	2002..	N	X	X 193 768
		1997..	N	X	X 427 642
3132105100	Broadwoven fabrics, cotton, all other weaves (except plain, twill, or pile), gray goods <sup>6</sup>	mil sq yd. 2002..	21	185.1	<sup>p178.7</sup> 193 768
		1997..	40	<sup>q373.4</sup>	<sup>q338.8</sup> 427 642
3132107	Broadwoven fabrics, cotton, pile, gray goods	2002..	N	X	X D
		1997..	N	X	X 375 689
31321071	Broadwoven fabrics, cotton, pile, gray goods	2002..	N	X	X D
		1997..	N	X	X 375 689
3132107100	Broadwoven fabrics, cotton, pile, gray goods <sup>6</sup>	mil sq yd. 2002..	4	D	D D
		1997..	9	<sup>q433.5</sup>	S 375 689
3132109	Broadwoven fabrics, cotton, finished in weaving mills	2002..	N	X	X 538 804
		1997..	N	X	X 682 361
31321091	Broadwoven fabrics, cotton, finished in weaving mills	2002..	N	X	X 485 427
		1997..	N	X	X 680 319
3132109112	Broadwoven fabrics, cotton, plain weave (except pile), finished in weaving mills	2002..	13	X	X 101 786
		1997..	N	X	X N
3132109161	Broadwoven fabrics, cotton, twill weave (except pile), finished in weaving mills	2002..	7	X	X 258 350
		1997..	7	X	X 387 280
3132109171	Broadwoven fabrics, cotton, all other weaves (including sateens, oxfords, table damask, jacquard, and dobby shirting), (except plain, twill, and pile), finished in weaving mills	2002..	3	X	X D
		1997..	4	X	X 40 482
3132109181	Broadwoven fabrics, cotton, pile (including velvets, plushes, corduroy, terry toweling, and terry cloth), finished in weaving mills	2002..	4	X	X D
		1997..	6	X	X 98 599
3132109Y	Broadwoven fabrics, cotton, finished in weaving mills, nsk	2002..	N	X	X 53 377
		1997..	N	X	X 2 042
3132109YWW	Broadwoven fabrics, cotton, finished in weaving mills, nsk	2002..	N	X	X 53 377
		1997..	N	X	X 2 042
313210D	Fabricated textile products, made in weaving mills	2002..	N	X	X 1 362 943
		1997..	N	X	X N
313210D1	Fabricated textile products, made in weaving mills	2002..	N	X	X 1 335 466
		1997..	N	X	X N
313210D111	Towels and washcloths, made in weaving mills	2002..	8	X	X 559 673
		1997..	N	X	X N
313210D121	Sheets and pillowcases, made in weaving mills	2002..	4	X	X D
		1997..	N	X	X N
313210D131	Bedspreads, made in weaving mills	2002..	3	X	X D
		1997..	N	X	X N
313210D141	Comforters and quilts, made in weaving mills	2002..	3	X	X D
		1997..	N	X	X N
313210D151	Blankets, made in weaving mills	2002..	13	X	X 267 209
		1997..	N	X	X N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
313210	Broadwoven fabric mills—Con.				
313210D	Fabricated textile products, made in weaving mills—Con.				
313210D1	Fabricated textile products, made in weaving mills—Con.				
313210D161	Other fabricated textile products, made in weaving mills	2002.. 9	X	X	136 462
		1997.. N	X	X	N
313210DY	Fabricated textile products, made in weaving mills, nsk	2002.. N	X	X	27 477
		1997.. N	X	X	N
313210DYWV	Fabricated textile products, made in weaving mills, nsk	2002.. N	X	X	27 477
		1997.. N	X	X	N
313210E	Broadwoven fabrics, manmade fiber, 85 percent or more filament yarns (chiefly rayon, acetate, and lyocell), gray goods	2002.. N	X	X	532 258
		1997.. N	X	X	540 475
313210E1	Broadwoven fabrics, manmade fiber, 85 percent or more filament yarns (chiefly rayon, acetate, and lyocell), gray goods	2002.. N	X	X	532 258
		1997.. N	X	X	540 475
313210E100	Broadwoven fabrics, manmade fiber, 85 percent or more filament yarns (chiefly rayon, acetate, and lyocell), gray goods <sup>5</sup>	2002.. 21	628.4	627.8	532 258
		1997.. 26	632.4	569.2	540 475
313210G	Broadwoven fabrics, manmade fiber, 85 percent or more filament yarns (except rayon, acetate, and lyocell), gray goods	2002.. N	X	X	1 364 684
		1997.. N	X	X	3 167 653
313210G1	Broadwoven fabrics, manmade fiber, 85 percent or more filament yarns (except rayon, acetate, and lyocell), gray goods	2002.. N	X	X	1 364 684
		1997.. N	X	X	3 167 653
313210G100	Broadwoven fabrics, manmade fiber, 85 percent or more filament yarns (except rayon, acetate, and lyocell), gray goods <sup>6</sup>	2002.. 42	S	S	1 364 684
		1997.. 67	P5 321.2	4 785.1	3 167 653
313210H	Broadwoven fabrics, manmade fiber, plain weave (except pile), 85 percent or more spun yarns (except wool blends), gray goods	2002.. N	X	X	1 029 502
		1997.. N	X	X	1 166 604
313210H1	Broadwoven fabrics, manmade fiber, plain weave (except pile), 85 percent or more spun yarns (except wool blends), gray goods	2002.. N	X	X	1 029 502
		1997.. N	X	X	1 166 604
313210H100	Broadwoven fabrics, manmade fiber, plain weave (except pile), 85 percent or more spun yarns (except wool blends), gray goods <sup>5</sup>	2002.. 27	1 995.4	P1 761.7	1 029 502
		1997.. 35	P2 094.9	P1 906.2	1 166 604
313210J	Broadwoven fabrics, manmade fiber, twill weave (except pile), 85 percent or more spun yarns (except wool blends), gray goods	2002.. N	X	X	176 684
		1997.. N	X	X	199 999
313210J1	Broadwoven fabrics, manmade fiber, twill weave (except pile), 85 percent or more spun yarns (except wool blends), gray goods	2002.. N	X	X	176 684
		1997.. N	X	X	199 999
313210J100	Broadwoven fabrics, manmade fiber, twill weave (except pile), 85 percent or more spun yarns (except wool blends), gray goods <sup>5</sup>	2002.. 11	205.1	205.5	176 684
		1997.. 20	P299.8	P232.8	199 999
313210L	Broadwoven fabrics, manmade fiber, all other weaves (except plain, twill, and pile), 85 percent or more spun yarn (except wool blends), gray goods	2002.. N	X	X	345 813
		1997.. N	X	X	718 496
313210L1	Broadwoven fabrics, manmade fiber, all other weaves (except plain, twill, and pile), 85 percent or more spun yarn (except wool blends), gray goods	2002.. N	X	X	345 813
		1997.. N	X	X	718 496
313210L100	Broadwoven fabrics, manmade fiber, all other weaves (except plain, twill, and pile), 85 percent or more spun yarn (except wool blends), gray goods <sup>5</sup>	2002.. 21	S	S	345 813
		1997.. 36	S	S	718 496
313210M	Broadwoven fabrics, manmade fiber, combinations of spun and filament yarns, each less than 85 percent of total fiber content (except wool blends), gray goods	2002.. N	X	X	595 922
		1997.. N	X	X	1 497 959
313210M1	Broadwoven fabrics, manmade fiber, combinations of spun and filament yarns, each less than 85 percent of total fiber content (except wool blends), gray goods	2002.. N	X	X	595 922
		1997.. N	X	X	1 497 959
313210M100	Broadwoven fabrics, manmade fiber, combinations of spun and filament yarns, each less than 85 percent of total fiber content (except wool blends), gray goods <sup>5</sup>	2002.. 20	S	S	595 922
		1997.. 35	S	P1 883.6	1 497 959
313210N	Broadwoven fabrics, manmade fiber, including silk and natural fibers (except cotton), all other weaves (including pile), gray goods	2002.. N	X	X	284 805
		1997.. N	X	X	375 539
313210N1	Broadwoven fabrics, manmade fiber, including silk and natural fibers (except cotton), all other weaves (including pile), gray goods	2002.. N	X	X	284 805
		1997.. N	X	X	375 539
313210N111	Broadwoven fabrics, manmade fiber and silk, pile, gray goods <sup>6</sup>	2002.. 6	D	S	170 249
		1997.. 7	69.4	922.0	98 382
313210N121	Broadwoven fabrics, manmade fiber, including silk and natural fibers (except cotton), all other weaves (except pile), gray goods <sup>5</sup>	2002.. 9	X	S	114 556
		1997.. 11	X	172.0	277 157

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
313210	Broadwoven fabric mills—Con.				
313210N	Broadwoven fabrics, manmade fiber, including silk and natural fibers (except cotton), all other weaves (including pile), gray goods—Con.				
313210NY	Broadwoven fabrics, manmade fiber, including silk and natural fibers (except cotton), all other weaves (including pile), gray goods, nsk	2002.. N 1997.. N	X X	X X	— —
313210NYWV	Broadwoven fabrics, manmade fiber, including silk and natural fibers (except cotton), all other weaves (including pile), gray goods, nsk	2002.. N 1997.. N	X X	X X	— —
313210P	Broadwoven fabrics, manmade fiber and silk, finished in weaving mills	2002.. N 1997.. N	X X	X X	1 394 156 1 789 850
313210P1	Broadwoven fabrics, manmade fiber and silk, finished in weaving mills	2002.. N 1997.. N	X X	X X	1 299 077 1 635 267
313210P111	Broadwoven fabrics, manmade fiber and silk, print cloth, 85 percent or more spun yarn, finished in weaving mills	2002.. 7 1997.. 9	X X	X X	384 540 261 437
313210P143	Broadwoven fabrics, manmade fiber and silk, plain weave (except print cloth), 85 percent or more spun yarn, finished in weaving mills	2002.. 5 1997.. N	X X	X X	96 513 N
313210P151	Broadwoven fabrics, manmade fiber and silk, twill weave (except pile), 85 percent or more spun yarn, finished in weaving mills	2002.. 4 1997.. 3	X X	X X	36 191 D
313210P159	Broadwoven fabrics, manmade fiber and silk, other weaves, 85 percent or more spun yarn, finished in weaving mills	2002.. 5 1997.. N	X X	X X	27 652 N
313210P181	Broadwoven fabrics, manmade fiber and silk, pile (including velvets, plushes, and corduroys), 85 percent or more spun yarn, finished in weaving mills	2002.. 5 1997.. 8	X X	X X	57 367 168 983
313210P1B1	Broadwoven fabrics, polyester, 85 percent or more filament yarn, finished in weaving mills	2002.. 12 1997.. 12	X X	X X	290 708 356 450
313210P1D5	Broadwoven fabrics, other manmade fiber and silk, 85 percent or more filament yarn, finished in weaving mills	2002.. 16 1997.. N	X X	X X	308 205 N
313210P1F1	Broadwoven fabrics, all other manmade fiber and silk (including combinations of spun and filament yarns, blends with wool, silk, and blends with silk), finished in weaving mills	2002.. 8 1997.. 7	X X	X X	97 901 323 644
313210PY	Broadwoven fabrics, manmade fiber and silk, finished in weaving mills, nsk	2002.. N 1997.. N	X X	X X	95 079 154 583
313210PYWV	Broadwoven fabrics, manmade fiber and silk, finished in weaving mills, nsk	2002.. N 1997.. N	X X	X X	95 079 154 583
313210T	Broadwoven fabrics, wool, gray goods	2002.. N 1997.. N	X X	X X	D 258 345
313210T1	Broadwoven fabrics, wool, gray goods	2002.. N 1997.. N	X X	X X	D 258 345
313210T100	Broadwoven fabrics, wool, gray goods <sup>6</sup> mil sq yd.	2002.. 6 1997.. 14	19.8 163.3	D 85.2	D 258 345
313210U	Broadwoven fabrics, including felts, wool, finished in weaving mills	2002.. N 1997.. N	X X	X X	173 639 682 535
313210U1	Broadwoven fabrics, including felts, wool, finished in weaving mills	2002.. N 1997.. N	X X	X X	173 639 682 535
313210U100	Broadwoven fabrics, including felts, wool, finished in weaving mills	2002.. 10 1997.. 10	X X	X X	173 639 682 535
313210W	Broadwoven fabric mills, nsk, total	2002.. N 1997.. N	X X	X X	583 555 542 159
313210WY	Broadwoven fabric mills, nsk, total	2002.. N 1997.. N	X X	X X	583 555 542 159
313210WYWW	Broadwoven fabric mills, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	321 039 338 907
313210WYWY	Broadwoven fabric mills, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	262 516 203 252
313221	Narrow fabric mills	2002.. N 1997.. N	X X	X X	1 117 825 1 355 063
3132211	Narrow fabrics (12 inches or less in width), woven	2002.. N 1997.. N	X X	X X	808 078 930 998
313221111	Narrow fabrics (12 inches or less in width), woven, elastic	2002.. N 1997.. N	X X	X X	148 779 187 968
3132211111	Narrow fabrics (12 inches or less in width), woven, elastic, for underwear, corsets, and other apparel	2002.. 10 1997.. 14	X X	X X	128 863 170 038
3132211121	Narrow fabrics (12 inches or less in width), woven, elastic, for other uses (except underwear, corsets, and apparel)	2002.. 10 1997.. 8	X X	X X	19 916 17 930
313221112	Narrow fabrics (12 inches or less in width), woven, nonelastic (labels, ribbons, and tape)	2002.. N 1997.. N	X X	X X	366 115 420 789
3132211231	Narrow fabrics (12 inches or less in width), woven, nonelastic, labels	2002.. 24 1997.. 21	X X	X X	151 094 197 153

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
313221	Narrow fabric mills—Con.				
3132211	Narrow fabrics (12 inches or less in width), woven—Con.				
31322112	Narrow fabrics (12 inches or less in width), woven, nonelastic (labels, ribbons, and tape)—Con.				
3132211241	Narrow fabrics (12 inches or less in width), woven, nonelastic, ribbons, woven edge	20	X	X	119 389
		16	X	X	121 283
3132211251	Narrow fabrics (12 inches or less in width), woven, nonelastic, apparel tape (including zipper)	7	X	X	8 242
		9	X	X	13 209
3132211261	Narrow fabrics (12 inches or less in width), woven, nonelastic, tape (except apparel and zipper)	22	X	X	87 390
		19	X	X	89 144
31322113	Narrow fabrics (12 inches or less in width), woven, nonelastic, webbing (except labels), woven edge ribbons, and tape	N	X	X	287 663
		N	X	X	273 086
3132211371	Narrow fabrics (12 inches or less in width), woven, nonelastic, webbing (except labels), woven edge ribbons, and tape	49	X	X	287 663
		55	X	X	273 086
3132211Y	Narrow fabrics (12 inches or less in width), woven, nsk	N	X	X	5 521
		N	X	X	49 155
3132211YVV	Narrow fabrics (12 inches or less in width), woven, nsk	N	X	X	5 521
		N	X	X	49 155
3132213	Narrow fabrics (12 inches or less in width), braided	N	X	X	183 418
		N	X	X	206 032
31322131	Narrow fabrics (12 inches or less in width), braided	N	X	X	183 312
		N	X	X	206 032
3132213111	Narrow fabrics (12 inches or less in width), braided, elastic (flat, round, or tubular)	12	X	9964.6	71 123
		12	X	576.0	40 709
3132213121	Narrow fabrics (12 inches or less in width), braided, nonelastic, laces (shoe and corset)	6	X	253.2	20 213
		8	X	260.0	19 015
3132213131	Narrow fabrics (12 inches or less in width), braided, nonelastic, all other types (except shoe and corset laces)	22	X	S	91 976
		25	X	35.2	146 308
3132213Y	Narrow fabrics (12 inches or less in width), braided, nsk	N	X	X	106
		N	X	X	—
3132213YVV	Narrow fabrics (12 inches or less in width), braided, nsk	N	X	X	106
		N	X	X	—
3132215	Covered rubber thread, made in narrow fabric mills	N	X	X	82 254
		N	X	X	157 853
31322151	Covered rubber thread, made in narrow fabric mills	N	X	X	82 254
		N	X	X	157 853
3132215100	Covered rubber thread, made in narrow fabric mills	5	X	X	82 254
		12	X	X	157 853
313221W	Narrow fabric mills, nsk, total	N	X	X	44 075
		N	X	X	60 180
313221WY	Narrow fabric mills, nsk, total	N	X	X	44 075
		N	X	X	60 180
313221WYVV	Narrow fabric mills, nsk, for nonadministrative-record establishments	N	X	X	15 858
		N	X	X	19 173
313221WYVY	Narrow fabric mills, nsk, for administrative-record establishments	N	X	X	28 217
		N	X	X	41 007
313222	Schiffli machine embroidery	N	X	X	129 345
		N	X	X	179 995
3132220	Schiffli machine embroideries	N	X	X	129 345
		N	X	X	179 995
31322201	Schiffli machine embroideries	N	X	X	129 345
		N	X	X	163 374
3132220100	Schiffli machine embroideries	104	X	X	129 345
		113	X	X	163 374
3132220Y	Schiffli machine embroideries, nsk, total	N	X	X	—
		N	X	X	16 621
3132220YVV	Schiffli machine embroideries, nsk, for nonadministrative-record establishments	N	X	X	—
		N	X	X	10
3132220YVY	Schiffli machine embroideries, nsk, for administrative-record establishments	N	X	X	—
		N	X	X	16 611
313230	Nonwoven fabric mills	N	X	X	4 923 532
		N	X	X	4 236 062
3132301	Nonwoven fabrics	N	X	X	3 232 463
		N	X	X	2 784 259
31323011	Nonwoven fabrics	N	X	X	3 199 988
		N	X	X	2 740 152
3132301111	Nonwoven fabrics, dry laid, carded	36	X	X	732 431
		28	X	X	728 936
3132301121	Nonwoven fabrics, air laid	11	X	X	123 242
		8	X	X	101 483
3132301131	Nonwoven fabrics, wet laid	13	X	X	937 221
		16	X	X	511 930
3132301141	Nonwoven fabrics, spunbonded	15	X	X	748 970
		20	X	X	751 889
3132301151	Nonwoven fabrics, melt blown	6	X	X	167 699
		8	X	X	140 513
3132301161	Nonwoven fabrics, other types	38	X	X	490 425
		24	X	X	505 401
3132301Y	Nonwoven fabrics, nsk	N	X	X	32 475
		N	X	X	44 107
3132301YVV	Nonwoven fabrics, nsk	N	X	X	32 475
		N	X	X	44 107

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
313230	Nonwoven fabric mills—Con.				
3132303	Fabricated nonwoven products .....	2002.. N	X	X	868 838
		1997.. N	X	X	838 357
31323031	Blankets, wipers, and ribbons, made from nonwoven fabrics .....	2002.. N	X	X	386 139
		1997.. N	X	X	376 335
3132303111	Blankets, made from nonwoven fabrics .....	2002.. 10	X	X	124 525
		1997.. 6	X	X	135 847
3132303141	Wipers (including windshield, industrial, and lithographic), made from nonwoven fabrics .....	2002.. 9	X	X	106 948
		1997.. 16	X	X	D
3132303151	Ribbons, laminated and nonlaminated gift tyings (decorative string, bows, rosettes, etc.), made from nonwoven fabrics .....	2002.. 8	X	X	154 666
		1997.. N	X	X	N
31323032	All other fabricated nonwoven products, except diapers and orthopedic, prosthetic, and surgical supplies .....	2002.. N	X	X	476 718
		1997.. N	X	X	457 480
3132303251	All other fabricated nonwoven products, except diapers and orthopedic, prosthetic, and surgical supplies .....	2002.. 24	X	X	476 718
		1997.. 27	X	X	457 480
3132303Y	Fabricated nonwoven products, nsk .....	2002.. N	X	X	5 981
		1997.. N	X	X	4 542
3132303YVV	Fabricated nonwoven products, nsk .....	2002.. N	X	X	5 981
		1997.. N	X	X	4 542
3132305	Pressed, punched, or needled felts (except hats) .....	2002.. N	X	X	695 574
		1997.. N	X	X	537 688
31323051	Pressed felts, except hats .....	2002.. N	X	X	71 515
		1997.. N	X	X	101 209
3132305111	Pressed felts, except hats .....	2002.. 9	X	X	71 515
		1997.. 14	X	X	101 209
31323052	Punched or needled felts (including stitch bonded and carpet and rug linings and cushions), hair and/or jute, except hats .....	2002.. N	X	X	47 818
		1997.. N	X	X	27 468
3132305221	Punched or needled felts (including stitch bonded and carpet and rug linings and cushions), hair and/or jute, except hats .....	2002.. 9	X	X	47 818
		1997.. 7	X	X	27 468
31323053	Punched or needled felts, including stitch bonded (except carpet and rugs suitable for outdoor use (indoor-outdoor)), wool and manmade fibers, except hats .....	2002.. N	X	X	561 731
		1997.. N	X	X	402 441
3132305331	Punched or needled felts, including stitch bonded (except carpet and rugs suitable for outdoor use (indoor-outdoor)), wool and manmade fibers, except hats .....	2002.. 21	X	X	561 731
		1997.. 30	X	X	402 441
3132305Y	Pressed, punched, or needled felts (except hats), nsk .....	2002.. N	X	X	14 510
		1997.. N	X	X	6 570
3132305YVV	Pressed, punched, or needled felts (except hats), nsk .....	2002.. N	X	X	14 510
		1997.. N	X	X	6 570
313230W	Nonwoven fabric mills, nsk, total .....	2002.. N	X	X	126 657
		1997.. N	X	X	75 758
313230WY	Nonwoven fabric mills, nsk, total .....	2002.. N	X	X	126 657
		1997.. N	X	X	75 758
313230WYVV	Nonwoven fabric mills, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	65 475
		1997.. N	X	X	36 723
313230WYVY	Nonwoven fabric mills, nsk, for administrative-record establishments .....	2002.. N	X	X	61 182
		1997.. N	X	X	39 035
313241	Weft knit fabric mills .....	2002.. N	X	X	1 731 757
		1997.. N	X	X	3 177 558
3132411	Weft (circular) knit fabrics, greige goods (except hosiery) .....	2002.. N	X	X	646 667
		1997.. N	X	X	1 218 064
31324111	Weft (circular) knit fabrics, greige goods (except hosiery), narrow (12 inches wide or less) .....	2002.. N	X	X	103 955
		1997.. N	X	X	64 423
3132411111	Weft (circular) knit fabrics, greige goods (except hosiery), narrow (12 inches wide or less) <sup>7</sup> .....	mil lb.. 2002.. 21	75.0	S	103 955
		1997.. 17	S	P19.3	64 423
31324112	Weft (circular) knit fabrics, greige goods (except hosiery), broad (more than 12 inches wide) .....	2002.. N	X	X	534 790
		1997.. N	X	X	1 152 231
3132411221	Weft (circular) knit fabrics, greige goods (except hosiery), broad (more than 12 inches wide) <sup>7</sup> .....	mil lb.. 2002.. 50	S	S	534 790
		1997.. 81	1 691.8	628.7	1 152 231
3132411Y	Weft (circular) knit fabrics, greige goods (except hosiery), nsk .....	2002.. N	X	X	7 922
		1997.. N	X	X	1 410
3132411YVV	Weft (circular) knit fabrics, greige goods (except hosiery), nsk .....	2002.. N	X	X	7 922
		1997.. N	X	X	1 410
3132413	Weft (circular) knit fabrics, finished (except hosiery) .....	2002.. N	X	X	901 015
		1997.. N	X	X	1 585 100
31324131	Weft (circular) knit fabrics, finished (except hosiery) .....	2002.. N	X	X	901 015
		1997.. N	X	X	1 545 100
3132413111	Weft (circular) knit fabrics, knit and finished in the same establishment (except hosiery), narrow (12 inches wide or less) .....	mil fin lin yd.. 2002.. 14	X	S	44 150
		1997.. 15	X	S	64 962
3132413121	Weft (circular) knit fabrics, knit and finished in the same establishment (except hosiery), broad (more than 12 inches wide) .....	mil fin lin yd.. 2002.. 36	X	S	856 865
		1997.. 65	X	P647.1	1 480 138
3132413Y	Weft (circular) knit fabrics, finished (except hosiery), nsk .....	2002.. N	X	X	—
		1997.. N	X	X	40 000
3132413YVV	Weft (circular) knit fabrics, finished (except hosiery), nsk .....	2002.. N	X	X	—
		1997.. N	X	X	40 000

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
313241	Weft knit fabric mills—Con.				
3132416	Weft (circular) knit fabrics, nonapparel type, including commission receipts for knitting only or knitting and finishing (except hosiery) . . . . .	2002.. N 1997.. N	X X	X X	118 166 N
31324161	Weft (circular) knit fabrics, nonapparel type, including commission receipts for knitting only or knitting and finishing (except hosiery) . . . . .	2002.. N 1997.. N	X X	X X	118 166 N
3132416100	Weft (circular) knit fabrics, nonapparel type, including commission receipts for knitting only or knitting and finishing (except hosiery) . . . . .	2002.. 26 1997.. N	X X	X X	118 166 N
313241W	Weft knit fabric mills, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	65 909 77 963
313241WY	Weft knit fabric mills, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	65 909 77 963
313241WYWW	Weft knit fabric mills, nsk, for nonadministrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	6 295 45 494
313241WYWY	Weft knit fabric mills, nsk, for administrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	59 614 32 469
313249	Other knit fabric and lace mills . . . . .	2002.. N 1997.. N	X X	X X	1 515 850 2 405 105
3132491	Warp knit fabrics, greige goods . . . . .	2002.. N 1997.. N	X X	X X	380 644 633 654
31324911	Warp knit fabrics, greige goods . . . . .	2002.. N 1997.. N	X X	X X	380 644 633 654
3132491111	Warp knit fabrics, greige goods, narrow (12 inches wide or less) <sup>7</sup> . . . . . mil lb.	2002.. 11 1997.. 20	X S	S S	58 920 105 040
3132491121	Warp knit fabrics, greige goods, broad (more than 12 inches wide) <sup>7</sup> . . . . . mil lb.	2002.. 29 1997.. 56	S P553.8	S 268.0	321 724 528 614
3132491Y	Warp knit fabrics, greige goods, nsk . . . . .	2002.. N 1997.. N	X X	X X	— —
3132491YWW	Warp knit fabrics, greige goods, nsk . . . . .	2002.. N 1997.. N	X X	X X	— —
3132493	Warp knit fabrics, finished . . . . .	2002.. N 1997.. N	X X	X X	911 590 1 486 521
31324931	Warp knit fabrics, finished . . . . .	2002.. N 1997.. N	X X	X X	909 097 1 481 394
3132493111	Warp knit fabrics, knit and finished in the same establishment, narrow (12 inches wide or less) . . . . . mil fin lin yd.	2002.. 16 1997.. 26	X X	S S	105 796 198 991
3132493121	Warp knit fabrics, knit and finished in the same establishment, broad (more than 12 inches wide) . . . . . mil fin lin yd.	2002.. 35 1997.. 35	X X	S P476.3	803 301 1 282 403
3132493Y	Warp knit fabrics, finished, nsk . . . . .	2002.. N 1997.. N	X X	X X	2 493 5 127
3132493YWW	Warp knit fabrics, finished, nsk . . . . .	2002.. N 1997.. N	X X	X X	2 493 5 127
3132495	Warp knit fabrics, lace and net goods, all leavers and nottingham lace machine products, including bobbins and barmen laces . . . . .	2002.. N 1997.. N	X X	X X	42 178 43 182
31324951	Warp knit fabrics, lace and net goods, all leavers and nottingham lace machine products, including bobbins and barmen laces . . . . .	2002.. N 1997.. N	X X	X X	42 178 43 182
3132495100	Warp knit fabrics, lace and net goods, all leavers and nottingham lace machine products, including bobbins and barmen laces . . . . .	2002.. 7 1997.. 12	X X	X X	42 178 43 182
3132497	Warp knit fabrics, lace and net goods, contract and commission receipts for knitting only or knitting and finishing . . . . .	2002.. N 1997.. N	X X	X X	71 784 82 093
31324971	Warp knit fabrics, lace and net goods, contract and commission receipts for knitting only or knitting and finishing . . . . .	2002.. N 1997.. N	X X	X X	71 784 80 807
3132497100	Warp knit fabrics, lace and net goods, contract and commission receipts for knitting only or knitting and finishing . . . . .	2002.. 22 1997.. N	X X	X X	71 784 N
313249A	Warp knit fabrics, other nonapparel products (including knitted towels and washcloths), except fabrics, lace, and net goods . . . . .	2002.. N 1997.. N	X X	X X	26 039 N
313249A1	Warp knit fabrics, other nonapparel products (including knitted towels and washcloths), except fabrics, lace, and net goods . . . . .	2002.. N 1997.. N	X X	X X	26 039 N
313249A100	Warp knit fabrics, other nonapparel products (including knitted towels and washcloths), except fabrics, lace, and net goods . . . . .	2002.. 9 1997.. N	X X	X X	26 039 N
313249W	Other knit fabric and lace mills, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	83 615 50 654
313249WY	Other knit fabric and lace mills, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	83 615 50 654
313249WYWW	Other knit fabric and lace mills, nsk, for nonadministrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	32 206 24 397
313249WYWY	Other knit fabric and lace mills, nsk, for administrative-record establishments . . . . .	2002.. N	X	X	51 409

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
313249	Other knit fabric and lace mills—Con.					
313249W	Other knit fabric and lace mills, nsk, total—Con.					
313249WY	Other knit fabric and lace mills, nsk, total—Con.					
313249WYWY	Other knit fabric and lace mills, nsk, for administrative-record establishments—Con.					
		1997..	N	X	X	26 257
313311	Broadwoven fabric finishing mills .....	2002..	N	X	X	6 638 421
		1997..	N	X	X	9 107 244
3133111	Broadwoven fabrics, cotton, finished in finishing mills .....	2002..	N	X	X	1 748 242
		1997..	N	X	X	1 856 811
31331111	Broadwoven fabrics, cotton, finished in finishing mills .....	2002..	N	X	X	1 717 193
		1997..	N	X	X	1 758 477
3133111161	Broadwoven fabrics, cotton, twill weave (except pile), finished in finishing mills .....	2002..	12	X	X	D
		1997..	11	X	X	328 855
3133111171	Broadwoven fabrics, cotton, including sateens, oxfords, table damask, jacquard, and dobby shirting (except plain, twill, and pile), finished in finishing mills .....	2002..	14	X	X	350 086
		1997..	16	X	X	116 390
3133111181	Broadwoven fabrics, cotton, pile (including velvets, plushes, corduroy, terry toweling, and terry cloth), finished in finishing mills .....	2002..	5	X	X	D
		1997..	6	X	X	D
3133111191	Broadwoven fabrics, cotton, plain weave (except pile), finished in finishing mills .....	2002..	54	X	X	1 135 199
		1997..	N	X	X	N
3133111Y	Broadwoven fabrics, cotton, finished in finishing mills, nsk .....	2002..	N	X	X	31 049
		1997..	N	X	X	98 334
3133111YWV	Broadwoven fabrics, cotton, finished in finishing mills, nsk .....	2002..	N	X	X	31 049
		1997..	N	X	X	98 334
3133113	Broadwoven fabrics, cotton, job or commission finishing .....	2002..	N	X	X	954 650
		1997..	N	X	X	1 359 146
31331131	Broadwoven fabrics, cotton, print cloth, job or commission finishing .....	2002..	N	X	X	406 531
		1997..	N	X	X	455 222
3133113111	Broadwoven fabrics, cotton, print cloth, job or commission finishing .....	2002..	44	X	X	406 531
		1997..	45	X	X	455 222
31331132	Broadwoven fabrics, cotton, plain weave (except print cloth), job or commission finishing .....	2002..	N	X	X	242 347
		1997..	N	X	X	264 715
3133113221	Broadwoven fabrics, cotton, poplin and broadcloth, job or commission finishing .....	2002..	21	X	X	113 498
		1997..	24	X	X	70 841
3133113231	Broadwoven fabrics, cotton, plain weave, sheeting (including bedsheeting and osnaburgs), job or commission finishing .....	2002..	14	X	X	98 730
		1997..	24	X	X	102 219
3133113251	Broadwoven fabrics, cotton duck, job or commission finishing .....	2002..	13	X	X	26 196
		1997..	20	X	X	57 509
3133113271	Broadwoven fabrics, cotton, other plain weaves (including lawns, voiles, and batistes), except pile, job or commission finishing .....	2002..	5	X	X	3 923
		1997..	N	X	X	N
31331133	Broadwoven fabrics, cotton, twill weave (except pile), job or commission finishing .....	2002..	N	X	X	81 397
		1997..	N	X	X	379 474
3133113371	Broadwoven fabrics, cotton, twill weave (except pile), job or commission finishing .....	2002..	12	X	X	81 397
		1997..	26	X	X	379 474
31331134	Broadwoven fabrics, cotton (except plain and twill weaves), job or commission finishing .....	2002..	N	X	X	83 763
		1997..	N	X	X	71 581
3133113492	Broadwoven fabrics, cotton, other weaves (including sateens, oxfords, table damask, jacquard and dobby shirting, and birdseye diaper cloth), except pile, job or commission finishing .....	2002..	14	X	X	D
		1997..	N	X	X	N
31331134B1	Broadwoven fabrics, cotton, pile (velvets, plushes, corduroy, terry toweling and cloth, etc.), job or commission finishing .....	2002..	3	X	X	D
		1997..	6	X	X	21 300
3133113Y	Broadwoven fabrics, cotton, job or commission finishing, nsk .....	2002..	N	X	X	140 612
		1997..	N	X	X	188 154
3133113YWV	Broadwoven fabrics, cotton, job or commission finishing, nsk .....	2002..	N	X	X	140 612
		1997..	N	X	X	188 154
3133115	Broadwoven fabrics, manmade fiber and silk, finished in finishing mills .....	2002..	N	X	X	2 210 982
		1997..	N	X	X	2 857 139
31331151	Broadwoven fabrics, manmade fiber and silk, print cloth, 85 percent or more spun yarn, finished in finishing mills .....	2002..	N	X	X	41 505
		1997..	N	X	X	102 029
3133115111	Broadwoven fabrics, manmade fiber and silk, print cloth, 85 percent or more spun yarn, finished in finishing mills .....	2002..	10	X	X	41 505
		1997..	9	X	X	102 029
31331152	Broadwoven fabrics, manmade fiber and silk, plain weave (except print cloth), 85 percent or more spun yarn, finished in finishing mills .....	2002..	N	X	X	752 374
		1997..	N	X	X	666 674
3133115251	Broadwoven fabrics, manmade fiber and silk, plain weave (except print cloth), 85 percent or more spun yarn, finished in finishing mills .....	2002..	13	X	X	752 374
		1997..	N	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
313311	Broadwoven fabric finishing mills—Con.				
3133115	Broadwoven fabrics, manmade fiber and silk, finished in finishing mills—Con.				
31331153	Broadwoven fabrics, manmade fiber and silk, twill weave (except pile), 85 percent or more spun yarn, finished in finishing mills .....	2002.. N 1997.. N	X X	X X	16 495 160 830
3133115351	Broadwoven fabrics, manmade fiber and silk, twill weave (except pile), 85 percent or more spun yarn, finished in finishing mills .....	2002.. 5 1997.. 5	X X	X X	16 495 160 830
31331159	Broadwoven fabrics, manmade fiber and silk, other weaves, 85 percent or more spun yarn, finished in finishing mills .....	2002.. N 1997.. N	X X	X X	373 851 N
3133115911	Broadwoven fabrics, manmade fiber and silk, other weaves, 85 percent or more spun yarn, finished in finishing mills .....	2002.. 11 1997.. N	X X	X X	373 851 N
31331156	Broadwoven fabrics, manmade fiber and silk, pile (including velvets, plushes, and corduroys), 85 percent or more spun yarn, finished in finishing mills .....	2002.. N 1997.. N	X X	X X	77 051 92 872
3133115681	Broadwoven fabrics, manmade fiber and silk, pile (including velvets, plushes, and corduroys), 85 percent or more spun yarn, finished in finishing mills .....	2002.. 6 1997.. 3	X X	X X	77 051 92 872
31331157	Broadwoven fabrics, polyester, 85 percent or more filament yarn, finished in finishing mills .....	2002.. N 1997.. N	X X	X X	482 345 709 999
3133115791	Broadwoven fabrics, polyester, 85 percent or more filament yarn, finished in finishing mills .....	2002.. 22 1997.. 19	X X	X X	482 345 709 999
31331158	Broadwoven fabrics, manmade fiber and silk, all other types, finished in finishing mills .....	2002.. N 1997.. N	X X	X X	306 659 355 970
31331158A1	Broadwoven fabrics, manmade fiber and silk, other types, 85 percent or more filament yarn, finished in finishing mills .....	2002.. 20 1997.. N	X X	X X	249 029 N
31331158F1	Broadwoven fabrics, manmade fiber and silk, all other types (including combinations of spun and filament yarns, blends with wool, silk, and blends with silk), finished in finishing mills .....	2002.. 5 1997.. 3	X X	X X	57 630 D
3133115Y	Broadwoven fabrics, manmade fiber and silk, finished in finishing mills, nsk .....	2002.. N 1997.. N	X X	X X	160 702 130 481
3133115YVW	Broadwoven fabrics, manmade fiber and silk, finished in finishing mills, nsk .....	2002.. N 1997.. N	X X	X X	160 702 130 481
3133117	Broadwoven fabrics, manmade fiber and silk, job or commission finishing .....	2002.. N 1997.. N	X X	X X	D 1 160 036
31331171	Broadwoven fabrics, manmade fiber, print cloth, 85 percent or more spun yarns, job or commission finishing .....	2002.. N 1997.. N	X X	X X	94 400 184 554
3133117111	Broadwoven fabrics, manmade fiber, print cloth, 85 percent or more spun yarns, job or commission finishing .....	2002.. 18 1997.. 25	X X	X X	94 400 184 554
31331172	Broadwoven fabrics, manmade fiber, all other types (except print cloth), 85 percent or more spun yarns, job or commission finishing .....	2002.. N 1997.. N	X X	X X	254 953 374 492
3133117221	Broadwoven fabrics, manmade fiber, poplin and broadcloth (except pile), 85 percent or more spun yarns, job or commission finishing .....	2002.. 8 1997.. 10	X X	X X	26 286 34 661
3133117231	Broadwoven fabrics, manmade fiber, plain weave, sheeting (including bedsheets and osnaburgs), except pile, 85 percent or more spun yarns, job or commission finishing .....	2002.. 3 1997.. 4	X X	X X	2 653 24 560
3133117241	Broadwoven fabrics, manmade fiber, plain weave (except print cloth, poplin, broadcloth, and sheeting), 85 percent or more spun yarns, job or commission finishing .....	2002.. 5 1997.. 9	X X	X X	D 103 184
3133117251	Broadwoven fabrics, manmade fiber, twill weave (except pile), 85 percent or more spun yarns, job or commission finishing .....	2002.. 5 1997.. 7	X X	X X	D 21 608
3133117261	Broadwoven fabrics, manmade fiber, other types (except plain and twill weaves and pile), 85 percent or more spun yarn, job or commission finishing .....	2002.. 10 1997.. 20	X X	X X	113 003 159 409
3133117271	Broadwoven fabrics, manmade fiber, pile, 85 percent or more spun yarns, job or commission finishing .....	2002.. 3 1997.. 6	X X	X X	9 772 31 070
31331173	Broadwoven fabrics, chiefly polyester, 85 percent or more filament yarns, job or commission finishing .....	2002.. N 1997.. N	X X	X X	180 871 182 012
3133117381	Broadwoven fabrics, chiefly polyester, 85 percent or more filament yarns, job or commission finishing .....	2002.. 26 1997.. 26	X X	X X	180 871 182 012
31331174	Broadwoven fabrics, chiefly rayon, acetate, and lyocell, 85 percent or more filament yarns, job or commission finishing .....	2002.. N 1997.. N	X X	X X	94 408 277 851
3133117491	Broadwoven fabrics, chiefly rayon, acetate, and lyocell, 85 percent or more filament yarns, job or commission finishing .....	2002.. 16 1997.. 23	X X	X X	94 408 277 851

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
313311	Broadwoven fabric finishing mills—Con.				
3133117	Broadwoven fabrics, manmade fiber and silk, job or commission finishing—Con.				
31331175	Broadwoven fabrics, manmade fiber (except rayon, acetate, lyocell, and polyester), 85 percent or more filament yarns (including combinations of spun-filament yarns), job or commission finishing .....	2002.. N 1997.. N	X X	X X	D 112 246
31331175B1	Broadwoven fabrics, manmade fiber (except rayon, acetate, lyocell, and polyester), 85 percent or more filament yarns, job or commission finishing .....	2002.. 16 1997.. 10	X X	X X	41 761 85 896
31331175D1	Broadwoven fabrics, manmade fiber, other types (including combinations of spun and filament yarns, blends with wool, silk, and blends with silk), job or commission finishing .....	2002.. 6 1997.. 6	X X	X X	D 26 350
3133117Y	Broadwoven fabrics, manmade fiber and silk, job or commission finishing, nsk .....	2002.. N 1997.. N	X X	X X	80 292 28 881
3133117YV	Broadwoven fabrics, manmade fiber and silk, job or commission finishing, nsk .....	2002.. N 1997.. N	X X	X X	80 292 28 881
3133119	Broadwoven fabrics, finished, wool (including felts), not finished in weaving mills .....	2002.. N 1997.. N	X X	X X	D 90 657
31331191	Broadwoven fabrics, finished, wool (including felts), not finished in weaving mills .....	2002.. N 1997.. N	X X	X X	D 90 657
3133119100	Broadwoven fabrics, finished, wool (including felts), not finished in weaving mills .....	2002.. 3 1997.. 8	X X	X X	D 90 657
313311W	Broadwoven fabric finishing mills, nsk, total .....	2002.. N 1997.. N	X X	X X	953 823 1 783 455
313311WY	Broadwoven fabric finishing mills, nsk, total .....	2002.. N 1997.. N	X X	X X	953 823 1 783 455
313311WYV	Broadwoven fabric finishing mills, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	759 885 1 492 692
313311WYVY	Broadwoven fabric finishing mills, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	193 938 290 763
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	2002.. N 1997.. N	X X	X X	3 398 789 4 403 742
3133120	Finished fabrics (except broadwoven) and other finished textiles .....	2002.. N 1997.. N	X X	X X	3 398 789 4 403 742
31331201	Finished yarn, raw stock, and narrow fabrics (except knit), not spun, thrown, woven, or braided in the same establishment .....	2002.. N 1997.. N	X X	X X	1 090 830 1 522 051
3133120111	Yarns (except wool), bleached, not spun or thrown in the same establishment .....	2002.. 8 1997.. 8	X X	X X	45 834 62 998
3133120121	Yarns, cotton, carded, dyed, not spun in the same establishment .....	2002.. 14 1997.. 14	X X	X X	78 149 124 971
3133120131	Yarns, cotton, combed, dyed, not spun in the same establishment .....	2002.. 11 1997.. 13	X X	X X	123 234 130 410
3133120141	Yarns, rayon, acetate, and/or lyocell, dyed, not spun or thrown in the same establishment .....	2002.. 9 1997.. 7	X X	X X	56 166 34 539
3133120151	Yarns, acrylic and/or modacrylic, dyed, not spun or thrown in the same establishment .....	2002.. 7 1997.. 7	X X	X X	94 421 59 606
3133120161	Yarns, polyester blends with cotton, dyed, not spun or thrown in the same establishment .....	2002.. 11 1997.. 13	X X	X X	70 608 75 285
3133120171	Yarns, polyester (except blends with cotton), dyed, not spun or thrown in the same establishment .....	2002.. 17 1997.. 12	X X	X X	231 340 152 306
3133120181	Yarns, other manmade fibers and silk (except cotton, wool, cellulosic, acrylic, and polyester), dyed, not spun or thrown in the same establishment .....	2002.. 19 1997.. 12	X X	X X	233 279 114 637
31331201F1	Narrow fabrics (excluding wool), braided or woven, finished, not braided or woven in the same establishment .....	2002.. 4 1997.. 13	X X	X X	25 995 55 969
31331201H1	Yarns, wool (including winding, tops, and raw stock), finished, not combed or spun in the same establishment .....	2002.. 7 1997.. 14	X X	X X	62 141 98 389
31331201K1	Other textile and fabric finishing, except broadwoven and knit, not finished in the same establishment .....	2002.. 12 1997.. N	X X	X X	69 663 N
31331203	Garments and hosiery, finished (including stone washed and tie dyed), not cut and sewn or knit in the same establishment .....	2002.. N 1997.. N	X X	X X	463 404 1 385 498
31331203M1	Garments and hosiery, finished (including stone washed and tie dyed), not cut and sewn or knit in the same establishment .....	2002.. 34 1997.. N	X X	X X	463 404 N
31331205	Knit fabrics, narrow (12 inches wide or less), purchased, finished .....	2002.. N 1997.. N	X X	X X	69 361 152 136
3133120511	Knit fabrics, weft, narrow (12 inches wide or less), purchased, finished .....	2002.. 4	X	D	D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
313312	Textile and fabric finishing (except broadwoven fabric) mills—Con.				
3133120	Finished fabrics (except broadwoven) and other finished textiles—Con.				
31331205	Knit fabrics, narrow (12 inches wide or less), purchased, finished—Con.				
3133120511	Knit fabrics, weft, narrow (12 inches wide or less), purchased, finished—Con.	1997..	5	X	P20.3 36 468
3133120521	Knit fabrics, warp, narrow (12 inches wide or less), purchased, finished	mil fin lin yd..2002..	4	X	D D
		1997..	6	X	86.8 115 668
31331206	Knit fabrics, weft, owned by others, commission receipts for finishing	2002..	N	X	X 211 108
		1997..	N	X	X 224 470
3133120611	Knit fabrics, weft, broad (more than 12 inches wide), owned by others, commission receipts for finishing	2002..	18	X	X 191 875
		1997..	28	X	X D
3133120621	Knit fabrics, weft, narrow (12 inches wide or less), owned by others, commission receipts for finishing	2002..	5	X	X 19 233
		1997..	2	X	X D
31331207	Knit fabrics, warp, owned by others, commission receipts for finishing	2002..	N	X	X 145 893
		1997..	N	X	X 223 610
3133120711	Knit fabrics, warp, broad (more than 12 inches wide), owned by others, commission receipts for finishing	2002..	12	X	X D
		1997..	18	X	X 204 630
3133120721	Knit fabrics, warp, narrow (12 inches wide or less), owned by others, commission receipts for finishing	2002..	1	X	X D
		1997..	-	X	X -
3133120731	Lace and net goods, except raschel and burned-out lace, contract and commission receipts for dyeing and finishing	2002..	2	X	X D
		1997..	5	X	X 18 980
3133120A	Knit fabrics, broad (more than 12 inches wide), purchased, finished	2002..	N	X	X 1 154 724
		1997..	N	X	X N
3133120A11	Knit fabrics, weft (circular), broad (more than 12 inches wide), purchased, finished	mil fin lin yd..2002..	33	X	9512.6 778 377
		1997..	N	X	N N
3133120A21	Knit fabrics, warp, broad (more than 12 inches wide), purchased, finished	mil fin lin yd..2002..	18	X	190.1 376 347
		1997..	N	X	N N
3133120Y	Finished fabrics (except broadwoven) and other finished textiles, nsk, total	2002..	N	X	X 263 469
		1997..	N	X	X 399 451
3133120YWW	Finished fabrics (except broadwoven) and other finished textiles, nsk, for nonadministrative-record establishments	2002..	N	X	X 159 696
		1997..	N	X	X 357 991
3133120YWY	Finished fabrics (except broadwoven) and other finished textiles, nsk, for administrative-record establishments	2002..	N	X	X 103 773
		1997..	N	X	X 41 460
313320	Fabric coating mills	2002..	N	X	X 2 151 364
		1997..	N	X	X 2 127 092
3133201	Vinyl coated fabrics, including expanded vinyl coated	2002..	N	X	X 673 601
		1997..	N	X	X 635 244
31332011	Vinyl coated fabrics, including expanded vinyl coated, lightweight (10 oz or less per sq yd finished weight)	2002..	N	X	X 190 522
		1997..	N	X	X 184 245
3133201111	Vinyl coated fabrics, including expanded vinyl coated, lightweight (10 oz or less per sq yd finished weight), woven fabrics base	2002..	14	X	X 74 326
		1997..	13	X	X 65 035
3133201121	Vinyl coated fabrics, including expanded vinyl coated, lightweight (10 oz or less per sq yd finished weight), knit fabrics base	2002..	9	X	X 44 404
		1997..	11	X	X 60 193
3133201131	Vinyl coated fabrics, including expanded vinyl coated, lightweight (10 oz or less per sq yd finished weight), nonwoven base	2002..	6	X	X 71 792
		1997..	5	X	X 59 017
31332012	Vinyl coated fabrics, including expanded vinyl coated, mediumweight (more than 10 oz up to 16 oz per sq yd finished weight)	2002..	N	X	X 95 075
		1997..	N	X	X 185 267
3133201241	Vinyl coated fabrics, including expanded vinyl coated, mediumweight (more than 10 oz up to 16 oz per sq yd finished weight), woven fabrics base	2002..	15	X	X 56 744
		1997..	12	X	X 80 915
3133201251	Vinyl coated fabrics, including expanded vinyl coated, mediumweight (more than 10 oz up to 16 oz per sq yd finished weight), knit fabrics base	2002..	7	X	X 23 890
		1997..	12	X	X 65 174
3133201261	Vinyl coated fabrics, including expanded vinyl coated, mediumweight (more than 10 oz up to 16 oz per sq yd finished weight), nonwoven base	2002..	9	X	X 14 441
		1997..	6	X	X 39 178
31332013	Vinyl-coated fabrics, including expanded vinyl-coated, heavyweight (more than 16 oz per sq yd finished weight)	2002..	N	X	X 368 974
		1997..	N	X	X 250 836
3133201371	Vinyl-coated fabrics, including expanded vinyl-coated, heavyweight (more than 16 oz per sq yd finished weight), woven fabrics base	2002..	18	X	X 185 075
		1997..	11	X	X 138 190
3133201381	Vinyl coated fabrics, including expanded vinyl coated, heavyweight (more than 16 oz per sq yd finished weight), knit fabrics base	2002..	10	X	X 151 810
		1997..	10	X	X 70 618
3133201391	Vinyl coated fabrics, including expanded vinyl coated, heavyweight (more than 16 oz per sq yd finished weight), nonwoven base	2002..	6	X	X 32 089

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**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
313320	Fabric coating mills—Con.				
3133201	Vinyl coated fabrics, including expanded vinyl coated—Con.				
31332013	Vinyl-coated fabrics, including expanded vinyl-coated, heavyweight (more than 16 oz per sq yd finished weight)—Con.				
3133201391	Vinyl coated fabrics, including expanded vinyl coated, heavyweight (more than 16 oz per sq yd finished weight), nonwoven base—Con.				
3133201Y	Vinyl coated fabrics, including expanded vinyl coated, nsk	1997.. 7	X	X	42 028
		2002.. N	X	X	19 030
		1997.. N	X	X	14 896
3133201YVV	Vinyl coated fabrics, including expanded vinyl coated, nsk	2002.. N	X	X	19 030
		1997.. N	X	X	14 896
3133204	Rubber coated fabrics and garments	2002.. N	X	X	204 208
		1997.. N	X	X	N
31332041	Rubber coated fabrics and garments	2002.. N	X	X	192 606
		1997.. N	X	X	N
3133204111	Rubber coated fabrics, garment and footwear	2002.. 5	X	X	13 391
		1997.. N	X	X	N
3133204121	Rubber coated fabrics, inflatable	2002.. 5	X	X	24 963
		1997.. N	X	X	N
3133204131	Rubber coated fabrics, other types	2002.. 22	X	X	154 252
		1997.. N	X	X	N
3133204Y	Rubber coated fabrics and garments, nsk	2002.. N	X	X	11 602
		1997.. N	X	X	N
3133204YVV	Rubber coated fabrics and garments, nsk	2002.. N	X	X	11 602
		1997.. N	X	X	N
3133205	Other coated or laminated fabrics and coated yarns	2002.. N	X	X	1 046 804
		1997.. N	X	X	1 105 889
31332051	Coated fabrics, pyroxylin and polyurethane	2002.. N	X	X	72 281
		1997.. N	X	X	159 539
3133205131	Coated fabrics, pyroxylin and polyurethane	2002.. 10	X	X	72 281
		1997.. N	X	X	N
31332052	Other coated or laminated fabrics	2002.. N	X	X	573 222
		1997.. N	X	X	805 023
3133205231	Fiber coated fabrics	2002.. 7	X	X	50 631
		1997.. 6	X	X	86 894
3133205241	Impregnated fabrics	2002.. 6	X	X	145 708
		1997.. 12	X	X	125 173
3133205251	Laminated fabrics, lightweight (10 oz or less per sq yd finished weight)	2002.. 19	X	X	172 243
		1997.. 20	X	X	160 097
3133205261	Laminated fabrics, mediumweight (more than 10 oz up to and including 16 oz per sq yd finished weight)	2002.. 14	X	X	77 378
		1997.. 23	X	X	230 623
3133205271	Laminated fabrics, heavyweight (more than 16 oz per sq yd finished weight)	2002.. 14	X	X	127 262
		1997.. 22	X	X	202 236
31332054	All other coated fabrics and yarns	2002.. N	X	X	371 301
		1997.. N	X	X	136 513
3133205481	All other coated fabrics and yarns	2002.. 31	X	X	371 301
		1997.. 26	X	X	136 513
3133205Y	Other coated or laminated fabrics and coated yarns, nsk	2002.. N	X	X	30 000
		1997.. N	X	X	4 814
3133205YVV	Other coated or laminated fabrics and coated yarns, nsk	2002.. N	X	X	30 000
		1997.. N	X	X	4 814
313320W	Fabric coating mills, nsk, total	2002.. N	X	X	226 751
		1997.. N	X	X	223 274
313320WY	Fabric coating mills, nsk, total	2002.. N	X	X	226 751
		1997.. N	X	X	223 274
313320WYVV	Fabric coating mills, nsk, for nonadministrative-record establishments	2002.. N	X	X	161 827
		1997.. N	X	X	135 193
313320WYVY	Fabric coating mills, nsk, for administrative-record establishments	2002.. N	X	X	64 924
		1997.. N	X	X	88 081
314110	Carpet and rug mills	2002.. N	X	X	13 413 346
		1997.. N	X	X	10 977 111
3141101	Carpet and rugs, woven	2002.. N	X	X	769 819
		1997.. N	X	X	345 497
31411011	Carpet and rugs, woven	2002.. N	X	X	769 819
		1997.. N	X	X	345 497
3141101100	Carpet and rugs, woven <sup>9</sup> mil sq yd	2002.. 17	X	S	769 819
		1997.. 14	X	23.9	345 497
3141103	Carpet and rugs, tufted	2002.. N	X	X	11 402 313
		1997.. N	X	X	9 968 548
31411031	Carpet and rugs, tufted only or tufted and finished in same plant	2002.. N	X	X	10 781 115
		1997.. N	X	X	9 346 272
3141103110	Carpet and rugs, tufted only or tufted and finished in same plant <sup>9</sup> mil sq yd	2002.. 68	X	S	10 781 115
		1997.. 106	X	1 422.1	9 346 272
31411032	Carpet and rugs, finishing only	2002.. N	X	X	616 335
		1997.. N	X	X	615 640
3141103220	Carpet and rugs, finishing only mil sq yd	2002.. 10	X	S	616 335
		1997.. 28	X	94.8	615 640
3141103Y	Carpet and rugs, tufted, nsk	2002.. N	X	X	4 863
		1997.. N	X	X	6 636
3141103YVV	Carpet and rugs, tufted, nsk	2002.. N	X	X	4 863
		1997.. N	X	X	6 636
3141105	Other carpet, rugs, and mats	2002.. N	X	X	417 693
		1997.. N	X	X	414 121
31411051	Other carpet, rugs, and mats	2002.. N	X	X	417 693
		1997.. N	X	X	414 121
3141105100	Other carpet, rugs, and mats <sup>9</sup> mil sq yd	2002.. 35	X	S	417 693

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
314110	Carpet and rug mills—Con.					
3141105	Other carpet, rugs, and mats—Con.					
31411051	Other carpet, rugs, and mats—Con.					
3141105100	Other carpet, rugs, and mats <sup>8</sup> —Con.					
		1997..	31	X	S	414 121
314110W	Carpet and rug mills, nsk, total .....	2002..	N	X	X	823 521
		1997..	N	X	X	248 945
314110WY	Carpet and rug mills, nsk, total .....	2002..	N	X	X	823 521
		1997..	N	X	X	248 945
314110WYWW	Carpet and rug mills, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	612 070
		1997..	N	X	X	76 295
314110WYWY	Carpet and rug mills, nsk, for administrative-record establishments .....	2002..	N	X	X	211 451
		1997..	N	X	X	172 650
314121	Curtain and drapery mills .....	2002..	N	X	X	1 484 985
		1997..	N	X	X	1 676 510
3141210	Curtains and draperies .....	2002..	N	X	X	1 484 985
		1997..	N	X	X	1 676 510
31412105	Curtains and draperies, knit, including lace curtains made from purchased fabric .....	2002..	N	X	X	110 448
		1997..	N	X	X	N
3141210512	Curtains and draperies, knit, including lace curtains made from purchased fabric .....	2002..	42	X	X	110 448
		1997..	N	X	X	N
31412102	Curtains, woven, window (except custom), all fabrics (including glass) .....	2002..	N	X	X	382 969
		1997..	N	X	X	398 816
3141210221	Curtains, woven, window (except custom), wholly or chiefly cotton .....	2002..	34	X	X	203 297
		1997..	48	X	X	117 587
3141210231	Curtains, woven, window (except custom), rayon and/or acetate .....	2002..	22	X	X	24 113
		1997..	22	X	X	103 934
3141210241	Curtains, woven, window (except custom), all other manmade fibers (including glass) .....	2002..	28	X	X	98 045
		1997..	30	X	X	147 688
3141210251	Curtains, woven, window (except custom), all other materials .....	2002..	13	X	X	57 514
		1997..	12	X	X	29 607
31412103	Draperies, woven (except custom), all lengths, all fabrics (including glass) .....	2002..	N	X	X	321 200
		1997..	N	X	X	567 174
3141210361	Draperies, woven (except custom), all lengths, wholly or chiefly cotton .....	2002..	19	X	X	66 109
		1997..	101	X	X	107 693
3141210371	Draperies, woven (except custom), all lengths, rayon and/or acetate .....	2002..	12	X	X	55 215
		1997..	43	X	X	110 403
3141210381	Draperies, woven (except custom), all lengths, all other manmade fibers (including glass) .....	2002..	20	X	X	171 239
		1997..	73	X	X	281 790
3141210391	Draperies, woven (except custom), all lengths, all other materials .....	2002..	6	X	X	28 637
		1997..	28	X	X	67 288
31412104	Curtains and drapes, custom .....	2002..	N	X	X	236 071
		1997..	N	X	X	267 252
31412104A1	Curtains and drapes, custom .....	2002..	271	X	X	236 071
		1997..	533	X	X	267 252
3141210Y	Curtains and draperies, nsk, total .....	2002..	N	X	X	434 297
		1997..	N	X	X	335 566
3141210YWW	Curtains and draperies, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	280 156
		1997..	N	X	X	221 438
3141210YWY	Curtains and draperies, nsk, for administrative-record establishments .....	2002..	N	X	X	154 141
		1997..	N	X	X	114 128
314129	Other household textile product mills .....	2002..	N	X	X	6 058 176
		1997..	N	X	X	6 600 210
3141291	Bedspreads, made from purchased materials .....	2002..	N	X	X	190 292
		1997..	N	X	X	272 015
31412911	Bedspreads, made from purchased materials .....	2002..	N	X	X	190 292
		1997..	N	X	X	204 674
3141291100	Bedspreads, made from purchased materials .....	2002..	70	X	X	190 292
		1997..	N	X	X	N
3141293	Sheets and pillowcases, made from purchased materials .....	2002..	N	X	X	1 363 386
		1997..	N	X	X	1 444 112
31412931	Sheets and pillowcases, made from purchased materials .....	2002..	N	X	X	1 363 386
		1997..	N	X	X	1 444 112
3141293100	Sheets and pillowcases, made from purchased materials .....	2002..	40	X	X	1 363 386
		1997..	48	X	X	1 444 112
3141295	Towels and washcloths, made from purchased materials .....	2002..	N	X	X	587 024
		1997..	N	X	X	849 293
31412951	Towels and washcloths, made from purchased materials .....	2002..	N	X	X	587 024
		1997..	N	X	X	813 840
3141295100	Towels and washcloths, made from purchased materials .....	2002..	17	X	X	587 024
		1997..	N	X	X	N
3141296	Other household furnishings, made from purchased materials .....	2002..	N	X	X	3 486 900
		1997..	N	X	X	N
31412961	Shower bath curtains, including plastics (unsupported film), coated fabrics, and all other types of materials .....	2002..	N	X	X	210 545
		1997..	N	X	X	N
3141296101	Shower bath curtains, including plastics (unsupported film), coated fabrics, and all other types of materials .....	2002..	20	X	X	210 545
		1997..	N	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
314129	Other household textile product mills—Con.				
3141296	Other household furnishings, made from purchased materials—Con.				
31412962	Comforters and quilts, including downfilled, made from purchased materials.....	2002.. N 1997.. N	X X	X X	980 748 N
3141296240	Comforters and quilts, including downfilled, made from purchased materials <sup>9</sup> .....	2002.. 61 1997.. N	X X	X X	980 748 N
31412965	All other household furnishings (including blankets, mattress protectors and covers, other quilted products, table linen, and slip covers).....	2002.. N 1997.. N	X X	X X	1 072 081 N
3141296501	Table linen (tablecloths, napkins, placemats, etc.), knitted or crocheted, made from purchased fabric.....	2002.. 12 1997.. N	X X	X X	64 876 N
3141296503	Table linen (tablecloths, napkins, placemats and placemat sets, etc.), cotton, except knit.....	2002.. 8 1997.. N	X X	X X	45 501 N
3141296505	Table linen (tablecloths, napkins, placemats and placemat sets, etc.), linen, except knit.....	2002.. 6 1997.. N	X X	X X	21 196 N
3141296507	Table linen (tablecloths, napkins, placemats and placemat sets, etc.), manmade fibers, except knit.....	2002.. 11 1997.. N	X X	X X	67 001 N
3141296509	Table linen (tablecloths, napkins, placemats and placemat sets, etc.), other materials (including plastics), except knit.....	2002.. 8 1997.. N	X X	X X	68 317 N
3141296511	Slipcovers, furniture (except custom), fabrics, plastics, and other materials (except paper).....	2002.. 12 1997.. N	X X	X X	D N
3141296513	Mattress covers, nonquilted.....	2002.. 6 1997.. N	X X	X X	D N
3141296515	Slipcovers, other types (except custom).....	2002.. 9 1997.. N	X X	X X	8 701 N
3141296516	Slipcovers, custom.....	2002.. 8 1997.. N	X X	X X	D N
3141296517	Blankets, made from purchased materials.....	2002.. 28 1997.. N	X X	X X	146 358 N
3141296521	Mattress protectors, including covers, quilted, wholly or chiefly cotton.....	2002.. 9 1997.. N	X X	X X	36 580 N
3141296523	Mattress protectors, including covers, quilted, all other fabrics (except cotton).....	2002.. 8 1997.. N	X X	X X	141 661 N
3141296525	Other quilted products.....	2002.. 11 1997.. N	X X	X X	15 676 N
3141296541	All other household furnishings.....	2002.. 40 1997.. N	X X	X X	270 995 N
31412966	Pillows and cushions.....	2002.. N 1997.. N	X X	X X	1 221 404 N
3141296611	Pillows, bed, manmade fiber-filled.....	2002.. 35 1997.. N	X X	X X	570 413 N
3141296613	Pillows, bed, other materials, including foam.....	2002.. 30 1997.. N	X X	X X	133 458 N
3141296615	Pillows and cushions, fancy, foam rubber.....	2002.. 15 1997.. N	X X	X X	41 546 N
3141296617	Pillows and cushions, fancy, other materials, except foam.....	2002.. 48 1997.. N	X X	X X	241 183 N
3141296619	Pillows and cushions, all other types (except bed and fancy), foam rubber.....	2002.. 24 1997.. N	X X	X X	82 426 N
3141296621	Pillows and cushions, all other types (except bed and fancy), other materials.....	2002.. 33 1997.. N	X X	X X	152 378 N
3141296Y	Other household furnishings, nsk.....	2002.. N 1997.. N	X X	X X	2 122 N
3141296YVW	Other household furnishings, nsk.....	2002.. N 1997.. N	X X	X X	2 122 N
314129W	Other household textile product mills, nsk, total.....	2002.. N 1997.. N	X X	X X	430 574 231 706
314129WY	Other household textile product mills, nsk, total.....	2002.. N 1997.. N	X X	X X	430 574 231 706
314129WYWW	Other household textile product mills, nsk, for nonadministrative-record establishments.....	2002.. N 1997.. N	X X	X X	223 400 108 356
314129WYWY	Other household textile product mills, nsk, for administrative-record establishments.....	2002.. N 1997.. N	X X	X X	207 174 123 350
314911	Textile bag mills.....	2002.. N 1997.. N	X X	X X	657 408 919 967
3149110	Textile bags.....	2002.. N 1997.. N	X X	X X	657 408 919 967
31491101	Duffle bags and knapsacks.....	2002.. N 1997.. N	X X	X X	166 814 154 190
3149110111	Duffle bags and knapsacks, wholly or chiefly cotton (including canvas and open-mesh).....	2002.. 31 1997.. 35	X X	X X	82 839 37 663
3149110151	Duffle bags and knapsacks, wholly or chiefly manmade fibers.....	2002.. 31 1997.. 38	X X	X X	83 975 116 527
31491102	All other textile bags.....	2002.. N 1997.. N	X X	X X	379 474 622 796
3149110221	Bags, all types (except laundry, wardrobe, and shoe), wholly or chiefly cotton (including canvas and open-mesh).....	2002.. 22 1997.. 68	X X	X X	21 103 98 638

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
314911	Textile bag mills—Con.				
3149110	Textile bags—Con.				
31491102	All other textile bags—Con.				
3149110231	Bags (laundry, wardrobe, and shoe), including textile storage bags with or without external supporting frames .....	2002.. 17 1997.. 16	X X	X X	13 198 20 239
3149110241	Bags, all types (except laundry, wardrobe, and shoe), burlap .....	2002.. 14 1997.. 15	X X	X X	23 333 42 891
3149110261	Bags, all types (except duffle, laundry, wardrobe, and shoe), split polyethylene or polypropylene strip, standard .....	2002.. 25 1997.. 9	X X	X X	48 853 32 946
3149110271	Bags, all types (except duffle, laundry, wardrobe, and shoe), split polyethylene or polypropylene strip, bulk .....	2002.. 11 1997.. 16	X X	X X	42 561 109 060
3149110281	Bags, all types (except duffle, laundry, wardrobe, and shoe), split polyethylene or polypropylene strip, mesh .....	2002.. 17 1997.. 9	X X	X X	50 722 44 039
3149110291	Bags, all types (except duffle, laundry, wardrobe, and shoe), other manmade fibers .....	2002.. 18 1997.. 60	X X	X X	44 908 137 481
31491102A1	Textile bags, all other fabrics, including spun paper .....	2002.. 26 1997.. 24	X X	X X	134 796 137 502
3149110Y	Textile bags, nsk, total .....	2002.. N 1997.. N	X X	X X	111 120 142 981
3149110YWW	Textile bags, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	86 941 88 657
3149110YWY	Textile bags, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	24 179 54 324
314912	Canvas and related product mills .....	2002.. N 1997.. N	X X	X X	1 696 259 1 464 525
3149120	Canvas and related products .....	2002.. N 1997.. N	X X	X X	1 696 259 1 464 525
31491201	Canvas products, awnings .....	2002.. N 1997.. N	X X	X X	371 278 267 463
3149120111	Canvas products, awnings .....	2002.. 286 1997.. 285	X X	X X	371 278 267 463
31491202	Canvas products, tents, camping .....	2002.. N 1997.. N	X X	X X	34 286 29 124
3149120221	Canvas products, tents, camping .....	2002.. 18 1997.. 23	X X	X X	34 286 29 124
31491203	Canvas products, tents, other types (including air supported and tension structures) .....	2002.. N 1997.. N	X X	X X	204 866 133 087
3149120331	Canvas products, tents, other types (including air supported and tension structures) .....	2002.. 54 1997.. 59	X X	X X	204 866 133 087
31491204	Canvas products, tarpaulins and other covers (including truck and boat), flat .....	2002.. N 1997.. N	X X	X X	127 287 131 119
3149120441	Canvas products, tarpaulins and other covers (including truck and boat), flat .....	2002.. 98 1997.. 120	X X	X X	127 287 131 119
31491205	Canvas products, tarpaulins and other covers (including truck and boat), fitted .....	2002.. N 1997.. N	X X	X X	221 038 186 132
3149120551	Canvas products, tarpaulins and other covers (including truck and boat), fitted .....	2002.. 127 1997.. 125	X X	X X	221 038 186 132
31491207	Canvas products, all other types, except bags .....	2002.. N 1997.. N	X X	X X	300 940 N
3149120761	Canvas products, sails .....	2002.. 34 1997.. N	X X	X X	96 085 N
3149120777	All other canvas and related products .....	2002.. 113 1997.. N	X X	X X	204 855 N
3149120Y	Canvas and related products, nsk, total .....	2002.. N 1997.. N	X X	X X	436 564 445 862
3149120YWW	Canvas and related products, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	267 854 311 363
3149120YWY	Canvas and related products, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	168 710 134 499
314991	Rope, cordage, and twine mills .....	2002.. N 1997.. N	X X	X X	602 538 695 624
3149911	Cordage and twine, hard fiber .....	2002.. N 1997.. N	X X	X X	74 320 49 323
31499111	Cordage and twine, hard fiber .....	2002.. N 1997.. N	X X	X X	74 320 42 847
3149911111	Cordage, rope, and cable, hard fiber, including products of 3 strands or more, each strand composed of 2 yarns or more .....	2002.. 24 1997.. 9	X X	X X	46 863 20 684
3149911121	Twine, hard fiber (including products laid or twisted and hard fiber and paper combinations), except stranded .....	2002.. 13 1997.. 6	X X	X X	27 457 22 163
3149911Y	Cordage and twine, hard fiber, nsk .....	2002.. N 1997.. N	X X	X X	6 476 N
3149911YWV	Cordage and twine, hard fiber, nsk .....	2002.. N 1997.. N	X X	X X	6 476 N
3149913	Cordage and twine, soft fiber, except cotton .....	2002.. N 1997.. N	X X	X X	412 234 503 547
31499131	Fishing line and fish netting, manmade fiber, commercial and recreational .....	2002.. N 1997.. N	X X	X X	80 801 78 003
3149913112	Fishing line, manmade fiber, commercial and recreational .....	2002.. 8	X	X	D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
314991	Rope, cordage, and twine mills—Con.				
3149913	Cordage and twine, soft fiber, except cotton—Con.				
31499131	Fishing line and fish netting, manmade fiber, commercial and recreational—Con.				
3149913112	Fishing line, manmade fiber, commercial and recreational—Con.				
		1997..	N	X	N
3149913132	Fish nets and netting, manmade fiber, commercial and recreational .....	2002..	11	X	D
		1997..	N	X	N
31499132	Rope, manmade fiber, three-sixteenths of an inch in diameter and larger .....	2002..	N	X	126 990
		1997..	N	X	201 918
3149913251	Rope, manmade fiber, three-sixteenths of an inch in diameter and larger .....	2002..	22	X	126 990
		1997..	28	X	201 918
31499133	Twine, manmade fiber, less than three-sixteenths of an inch in diameter, industrial and agriculture .....	2002..	N	X	80 463
		1997..	N	X	90 820
3149913361	Twine, manmade fiber, less than three-sixteenths of an inch in diameter, industrial and agriculture .....	2002..	7	X	80 463
		1997..	12	X	90 820
31499134	Cordage and twine, manmade fiber, all other types .....	2002..	N	X	96 587
		1997..	N	X	100 832
3149913471	Cordage and twine, manmade fiber, all other types .....	2002..	23	X	96 587
		1997..	29	X	100 832
31499135	Cordage and twine, soft fiber (including hemp, jute, and paper), except cotton and manmade fiber .....	2002..	N	X	24 553
		1997..	N	X	D
3149913581	Cordage and twine, soft fiber (including hemp, jute, and paper), except cotton and manmade fiber .....	2002..	3	X	24 553
		1997..	4	X	D
3149913Y	Cordage and twine, soft fiber, except cotton, nsk .....	2002..	N	X	2 840
		1997..	N	X	D
3149913YVW	Cordage and twine, soft fiber, except cotton, nsk .....	2002..	N	X	2 840
		1997..	N	X	D
3149915	Cordage and twine, cotton .....	2002..	N	X	45 220
		1997..	N	X	59 002
31499151	Cordage and twine, cotton .....	2002..	N	X	45 220
		1997..	N	X	55 525
3149915111	Cordage, cotton, braided, any size .....	2002..	13	X	26 280
		1997..	7	X	27 874
3149915121	Wrapping, seine, and other twine, cotton .....	2002..	4	X	9 772
		1997..	7	X	13 604
3149915131	Cordage and twine, cotton, all other types .....	2002..	8	X	9 168
		1997..	9	X	14 047
3149915Y	Cordage and twine, cotton, nsk .....	2002..	N	X	—
		1997..	N	X	3 477
3149915YVW	Cordage and twine, cotton, nsk .....	2002..	N	X	—
		1997..	N	X	3 477
314991W	Rope, cordage, and twine mills, nsk, total .....	2002..	N	X	70 764
		1997..	N	X	83 752
314991WY	Rope, cordage, and twine mills, nsk, total .....	2002..	N	X	70 764
		1997..	N	X	83 752
314991WYVW	Rope, cordage, and twine mills, nsk, for nonadministrative-record establishments .....	2002..	N	X	34 807
		1997..	N	X	48 689
314991WYWY	Rope, cordage, and twine mills, nsk, for administrative-record establishments .....	2002..	N	X	35 957
		1997..	N	X	35 063
314992	Tire cord and tire fabric mills .....	2002..	N	X	1 251 925
		1997..	N	X	1 294 525
3149920	Tire cord and tire fabrics .....	2002..	N	X	1 251 925
		1997..	N	X	1 294 525
31499201	Tire cord and tire fabrics .....	2002..	N	X	1 251 925
		1997..	N	X	1 294 525
3149920100	Tire cord and tire fabrics <sup>6</sup> .....	2002..	23	716.7	1 251 925
		1997..	16	N	636.1
3149920Y	Tire cord and tire fabrics, nsk, total .....	2002..	N	X	—
		1997..	N	X	—
3149920YVW	Tire cord and tire fabrics, nsk, for nonadministrative-record establishments .....	2002..	N	X	—
		1997..	N	X	—
3149920YWY	Tire cord and tire fabrics, nsk, for administrative-record establishments .....	2002..	N	X	—
		1997..	N	X	—
314999	All other miscellaneous textile product mills .....	2002..	N	X	4 965 136
		1997..	N	X	6 089 265
3149991	Recovered fibers, processed mill waste and related products .....	2002..	N	X	187 128
		1997..	N	X	436 925
31499911	Recovered fibers, processed mill waste and related products .....	2002..	N	X	174 444
		1997..	N	X	416 252
3149991111	Recovered fibers, from mill waste, manmade fibers .....	2002..	9	X	D
		1997..	20	X	99 158
3149991121	Recovered fibers, from mill waste, all other types, including oakum .....	2002..	3	X	D
		1997..	10	X	88 686
3149991131	Flock, all fibers (new stock, waste, and reclaimed) .....	2002..	5	X	103 772
		1997..	7	X	228 408
3149991Y	Recovered fibers, processed mill waste and related products, nsk .....	2002..	N	X	12 684
		1997..	N	X	20 673
3149991YVW	Recovered fibers, processed mill waste and related products, nsk .....	2002..	N	X	12 684
		1997..	N	X	20 673

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
314999	All other miscellaneous textile product mills—Con.				
3149993	Paddings and upholstery filling, batting, and wadding (except foam rubber and plastics) .....	2002.. N	X	X	508 604
		1997.. N	X	X	562 674
31499931	Paddings and upholstery filling, batting, and wadding (except foam rubber and plastics) .....	2002.. N	X	X	416 967
		1997.. N	X	X	549 497
3149993111	Pads, automotive, except foam rubber and plastics .....	2002.. 5	X	X	31 877
		1997.. 12	X	X	102 505
3149993121	Paddings, all other types, except foam rubber and plastics .....	2002.. 19	X	X	107 546
		1997.. 24	X	X	90 321
3149993131	Paddings and upholstery filling, batting, and wadding, cotton and all other natural fibers, except foam rubber and plastics .....	2002.. 14	X	X	46 998
		1997.. 26	X	X	95 425
3149993141	Batting, wadding, and mattress felts, manmade fibers, except foam rubber and plastics .....	2002.. 16	X	X	185 147
		1997.. 22	X	X	195 616
3149993151	Upholstery filling, except foam rubber and plastics .....	2002.. 8	X	X	45 399
		1997.. 13	X	X	65 630
3149993Y	Paddings and upholstery filling, batting, and wadding (except foam rubber and plastics), nsk .....	2002.. N	X	X	91 637
		1997.. N	X	X	13 177
3149993YVV	Paddings and upholstery filling, batting, and wadding (except foam rubber and plastics), nsk .....	2002.. N	X	X	91 637
		1997.. N	X	X	13 177
3149995	Embroideries, except Schiffli machine products .....	2002.. N	X	X	539 957
		1997.. N	X	X	556 538
31499952	Embroideries, except Schiffli machine products .....	2002.. N	X	X	539 957
		1997.. N	X	X	N
3149995200	Embroideries, except Schiffli machine products .....	2002.. 225	X	X	539 957
		1997.. N	X	X	N
3149997	Trimmings and findings, other types .....	2002.. N	X	X	242 972
		1997.. N	X	X	263 810
31499971	Trimmings and findings, other types .....	2002.. N	X	X	235 197
		1997.. N	X	X	202 666
3149997111	Trimmings, nonapparel, including furniture, except automotive .....	2002.. 15	X	X	96 739
		1997.. 22	X	X	72 686
3149997121	Bias binding, apparel and notion trade, except fused and sealed edge .....	2002.. 14	X	X	75 069
		1997.. 34	X	X	68 221
3149997131	Ribbons, fused and sealed edge (not woven with fast edges) .....	2002.. 6	X	X	63 389
		1997.. 28	X	X	61 759
3149997Y	Trimmings and findings, other types, nsk .....	2002.. N	X	X	7 775
		1997.. N	X	X	61 144
3149997YVV	Trimmings and findings, other types, nsk .....	2002.. N	X	X	7 775
		1997.. N	X	X	61 144
3149998	All other miscellaneous fabricated textile products .....	2002.. N	X	X	2 404 902
		1997.. N	X	X	N
31499982	Fabricated flags, banners, and similar emblems .....	2002.. N	X	X	345 719
		1997.. N	X	X	N
3149998231	Fabricated flags, banners, and similar emblems .....	2002.. 95	X	X	345 719
		1997.. N	X	X	N
31499983	Fabricated carpet and rugs, made from carpeting not made in same plant (cutting, sewing, and binding only) .....	2002.. N	X	X	420 067
		1997.. N	X	X	N
3149998371	Fabricated carpet and rugs, made from carpeting not made in same plant (cutting, sewing, and binding only) .....	2002.. 24	X	X	420 067
		1997.. N	X	X	N
31499984	Fabricated textile products (including sleeping bags, parachutes, industrial shop towels and carpet tiles) .....	2002.. N	X	X	1 610 081
		1997.. N	X	X	N
3149998421	Fabricated sleeping bags .....	2002.. 8	X	X	129 776
		1997.. N	X	X	N
3149998441	Fabricated parachutes .....	2002.. 11	X	X	66 818
		1997.. N	X	X	N
3149998451	Fabricated industrial shop towels .....	2002.. 6	X	X	D
		1997.. N	X	X	N
3149998461	Fabricated carpet tiles, tufted and needlepunched, cut from broadloom .....	2002.. 6	X	X	393 779
		1997.. N	X	X	N
3149998471	Textile fire hoses .....	2002.. 1	X	X	D
		1997.. N	X	X	N
3149998475	Fabricated dust rags .....	2002.. 6	X	X	13 301
		1997.. N	X	X	N
3149998481	Fabricated textile products, all other types .....	2002.. 274	X	X	992 020
		1997.. N	X	X	N
3149998Y	All other miscellaneous fabricated textile products, nsk .....	2002.. N	X	X	29 035
		1997.. N	X	X	N
3149998YVV	All other miscellaneous fabricated textile products, nsk .....	2002.. N	X	X	29 035
		1997.. N	X	X	N
314999W	All other miscellaneous textile product mills, nsk, total .....	2002.. N	X	X	1 081 573
		1997.. N	X	X	1 003 960
314999WY	All other miscellaneous textile product mills, nsk, total .....	2002.. N	X	X	1 081 573
		1997.. N	X	X	1 003 960
314999WYVV	All other miscellaneous textile product mills, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	799 611
		1997.. N	X	X	890 468
314999WYVY	All other miscellaneous textile product mills, nsk, for administrative-record establishments .....	2002.. N	X	X	281 962
		1997.. N	X	X	113 492
315111	Sheer hosiery mills .....	2002.. N	X	X	886 348
		1997.. N	X	X	1 572 367

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315111	Sheer hosiery mills—Con.				
3151111	Sheer hosiery, women's, misses', and girls', finished, full-length, knee-length, and below the knee	2002.. N 1997.. N	X X	X X	229 248 292 425
315111111	Sheer hosiery, women's, misses', and girls', finished, full-length, knee-length, and below the knee	2002.. N 1997.. N	X X	X X	222 213 259 287
3151111111	Sheer hosiery, women's, misses', and girls', finished, knee-length, stretch and nonstretch	2002.. 19 1997.. 29	X X	X X	107 564 175 804
3151111121	Sheer hosiery, women's, misses', and girls', finished, below the knee (including foot, anklets, midcalf, and crew socks)	2002.. 19 1997.. 10	X X	X X	69 787 39 600
3151111193	Sheer hosiery, women's, misses', and girls', finished, full-length, including stretch and support	2002.. 14 1997.. N	X X	X X	44 862 N
3151111Y	Sheer hosiery, women's, misses', and girls', finished, full-length, knee-length, and below the knee, nsk	2002.. N 1997.. N	X X	X X	7 035 33 138
3151111YVW	Sheer hosiery, women's, misses', and girls', finished, full-length, knee-length, and below the knee, nsk	2002.. N 1997.. N	X X	X X	7 035 33 138
3151113	Sheer pantyhose, including tights, women's, misses', and girls', finished, all needles	2002.. N 1997.. N	X X	X X	517 180 1 132 563
31511131	Sheer pantyhose, including tights, women's, misses', and girls', finished, less than 30 denier, sheer stretch	2002.. N 1997.. N	X X	X X	292 165 575 365
3151113111	Sheer pantyhose, including tights, women's, misses', and girls', finished, less than 30 denier, sheer stretch	2002.. 13 1997.. 21	X X	X X	292 165 575 365
31511136	Sheer pantyhose, including tights, women's, misses', and girls', finished, 30 denier or heavier, opaque stretch	2002.. N 1997.. N	X X	X X	105 280 N
3151113621	Sheer pantyhose, including tights, women's, misses', and girls', finished, 30 denier or heavier, opaque stretch	2002.. 12 1997.. N	X X	X X	105 280 N
31511137	Sheer pantyhose, including tights, women's, misses', and girls', finished, elastomer, control top, without leg support	2002.. N 1997.. N	X X	X X	36 456 N
3151113731	Sheer pantyhose, including tights, women's, misses', and girls', finished, elastomer, control top, without leg support	2002.. 8 1997.. N	X X	X X	36 456 N
31511134	Sheer pantyhose, including tights, women's, misses', and girls', finished, elastomer, leg support, all needles	2002.. N 1997.. N	X X	X X	66 908 N
3151113441	Sheer pantyhose, including tights, women's, misses', and girls', finished, elastomer, leg support, less than 35 denier	2002.. 6 1997.. N	X X	X X	41 099 N
3151113451	Sheer pantyhose, including tights, women's, misses', and girls', finished, elastomer, leg support, 35 denier or heavier	2002.. 7 1997.. N	X X	X X	25 809 N
31511135	Sheer pantyhose, all other types (fancies, sewed on, waist connected and replaceable legs, nonstretch, etc.), women's, misses', and girls'	2002.. N 1997.. N	X X	X X	16 371 N
3151113591	Sheer pantyhose, all other types (fancies, sewed on, waist connected and replaceable legs, nonstretch, etc.), women's, misses', and girls'	2002.. 5 1997.. N	X X	X X	16 371 N
3151113Y	Sheer pantyhose, including tights, women's, misses', and girls', finished, all needles, nsk	2002.. N 1997.. N	X X	X X	— —
3151113YVW	Sheer pantyhose, including tights, women's, misses', and girls', finished, all needles, nsk	2002.. N 1997.. N	X X	X X	— —
3151115	Sheer hosiery, except socks, women's, misses', and girls', shipped in the greige	2002.. N 1997.. N	X X	X X	109 237 91 169
31511151	Sheer hosiery, except socks, women's, misses', and girls', shipped in the greige	2002.. N 1997.. N	X X	X X	109 237 91 169
3151115121	Sheer hosiery, except pantyhose and socks, women's, misses', and girls', shipped in the greige, full-fashioned and seamless, full- and knee-length	2002.. 4 1997.. 7	X X	X X	18 903 27 988
3151115131	Sheer pantyhose, women's, misses', and girls', shipped in the greige	2002.. 5 1997.. 6	X X	X X	90 334 63 181
3151115Y	Sheer hosiery, except socks, women's, misses', and girls', shipped in the greige, nsk	2002.. N 1997.. N	X X	X X	— —
3151115YVW	Sheer hosiery, except socks, women's, misses', and girls', shipped in the greige, nsk	2002.. N 1997.. N	X X	X X	— —
315111W	Sheer hosiery mills, nsk, total	2002.. N 1997.. N	X X	X X	30 683 56 210
315111WY	Sheer hosiery mills, nsk, total	2002.. N 1997.. N	X X	X X	30 683 56 210
315111WYVW	Sheer hosiery mills, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	7 219 24 381
315111WYVY	Sheer hosiery mills, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	23 464 31 829

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315119	Other hosiery and sock mills	2002.. N 1997.. N	X X	X X	2 346 036 2 777 069
3151191	Hosiery and socks, men's, finished, seamless, sizes 10 and up	2002.. N 1997.. N	X X	X X	1 265 617 1 300 278
31511911	Hosiery and socks, men's, finished, seamless, sizes 10 and up, anklets (including slack, crew, and athletic socks), natural fibers	2002.. N 1997.. N	X X	X X	539 650 737 224
315119111	Hosiery and socks, men's, finished, seamless, sizes 10 and up, anklets (including slack, crew, and athletic socks), natural fibers	2002.. 73 1997.. 100	X X	X X	539 650 737 224
31511912	Hosiery and socks, men's, finished, seamless, sizes 10 and up, anklets (including slack, crew, and athletic socks), manmade fibers	2002.. N 1997.. N	X X	X X	205 953 134 154
3151191221	Hosiery and socks, men's, finished, seamless, sizes 10 and up, anklets (including slack, crew, and athletic socks), manmade fibers	2002.. 37 1997.. 36	X X	X X	205 953 134 154
31511913	Hosiery and socks, men's, finished, seamless, sizes 10 and up, midcalf (including half hose), natural fibers	2002.. N 1997.. N	X X	X X	254 937 220 088
3151191331	Hosiery and socks, men's, finished, seamless, sizes 10 and up, midcalf (including half hose), natural fibers	2002.. 29 1997.. 29	X X	X X	254 937 220 088
31511914	Hosiery and socks, men's, finished, seamless, sizes 10 and up, midcalf (including half hose), manmade fibers	2002.. N 1997.. N	X X	X X	67 712 73 100
3151191441	Hosiery and socks, men's, finished, seamless, sizes 10 and up, midcalf (including half hose), manmade fibers	2002.. 13 1997.. 11	X X	X X	67 712 73 100
31511915	Hosiery and socks, except anklets and midcalf, men's, finished, seamless, sizes 10 and up	2002.. N 1997.. N	X X	X X	151 923 126 357
3151191551	Hosiery and socks, men's, finished, seamless, sizes 10 and up, knee (bermuda, campus, etc.), natural fibers	2002.. 10 1997.. 13	X X	X X	32 553 39 198
3151191561	Hosiery and socks, men's, finished, seamless, sizes 10 and up, knee (bermuda, campus, etc.), manmade fibers	2002.. 7 1997.. 9	X X	X X	12 839 51 335
3151191591	Hosiery and socks, men's, finished, seamless, sizes 10 and up, all other types (except anklets, midcalf, and knee)	2002.. 11 1997.. 14	X X	X X	106 531 35 824
3151191Y	Hosiery and socks, men's, finished, seamless, sizes 10 and up, nsk	2002.. N 1997.. N	X X	X X	45 442 9 355
3151191YWV	Hosiery and socks, men's, finished, seamless, sizes 10 and up, nsk	2002.. N 1997.. N	X X	X X	45 442 9 355
3151193	Hosiery, all other types, except sheer, finished	2002.. N 1997.. N	X X	X X	856 939 1 100 974
31511934	Anklets (slack, crew, athletic, etc.), except sheer, women's, misses', girls', and boys', finished	2002.. N 1997.. N	X X	X X	562 781 N
3151193421	Anklets (slack, crew, athletic, etc.), except sheer, women's and misses', finished, natural fibers	2002.. 51 1997.. N	X X	X X	284 965 N
3151193424	Anklets (slack, crew, athletic, etc.), except sheer, women's and misses', finished, manmade fibers	2002.. 29 1997.. N	X X	X X	78 651 N
3151193425	Anklets (slack, crew, athletic, etc.), except sheer, girls' and boys', finished, natural fibers	2002.. 28 1997.. N	X X	X X	129 105 N
3151193433	Anklets (slack, crew, athletic, etc.), except sheer, girls' and boys', finished, manmade fibers	2002.. 11 1997.. N	X X	X X	70 060 N
31511936	Knee highs, women's, misses', girls', and boys'	2002.. N 1997.. N	X X	X X	130 936 N
3151193611	Knee highs, women's and misses', natural fibers	2002.. 9 1997.. N	X X	X X	114 026 N
3151193613	Knee highs, women's and misses', manmade fibers	2002.. 7 1997.. N	X X	X X	11 362 N
3151193621	Knee highs, girls' and boys', natural fibers	2002.. 4 1997.. N	X X	X X	D N
3151193623	Knee highs, girls' and boys', manmade fibers	2002.. 1 1997.. N	X X	X X	D N
31511937	Hosier, all other types (except anklets and knee highs), except sheer, women's, misses', girls', and boys, finished	2002.. N 1997.. N	X X	X X	43 311 N
3151193711	Hosier, all other types (except anklets and knee highs), except sheer, women's, misses', girls', and boys, finished	2002.. 6 1997.. N	X X	X X	43 311 N
31511933	Hosiery, all other types, except sheer, infants' and children's (sizes 3 through 8.5), finished, all fibers	2002.. N 1997.. N	X X	X X	105 907 239 924
3151193371	Anklets, infants' and children's (sizes 3 through 8.5), finished, natural fibers	2002.. 18 1997.. 37	X X	X X	84 820 207 248
3151193381	Anklets, infants' and children's (sizes 3 through 8.5), finished, manmade fibers	2002.. 3 1997.. 7	X X	X X	D 8 960
3151193391	Knee highs, infants' and children's (sizes 3 through 8.5), finished	2002.. 2 1997.. 4	X X	X X	D 7 013
31511933B1	Hosiery, all other types (except anklets and knee highs), infants' and children's (sizes 3 through 8.5), finished	2002.. 3 1997.. 7	X X	X X	3 949 16 703
3151193Y	Hosiery, all other types, except sheer, finished, nsk	2002.. N	X	X	14 004

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315119	Other hosiery and sock mills—Con.				
3151193	Hosiery, all other types, except sheer, finished—Con.				
3151193Y	Hosiery, all other types, except sheer, finished, nsk—Con.				
3151193YVV	Hosiery, all other types, except sheer, finished, nsk	1997.. N	X	X	3 457
		2002.. N	X	X	14 004
		1997.. N	X	X	3 457
3151195	Hosiery, except sheer, seamless, shipped in the greige	2002.. N	X	X	127 230
		1997.. N	X	X	224 767
31511951	Hosiery, except sheer, seamless, shipped in the greige	2002.. N	X	X	124 160
		1997.. N	X	X	218 134
3151195111	Hosiery, except sheer, seamless, men's (sizes 10 and up), shipped in the greige, all types	2002.. 19	X	X	59 591
		1997.. 50	X	X	106 313
3151195121	Hosiery, except sheer, seamless, women's, misses', girls', and boys', shipped in the greige, all types	2002.. 17	X	X	34 518
		1997.. 35	X	X	82 005
3151195131	Hosiery, except sheer, seamless, children's and infants', shipped in the greige, all types	2002.. 10	X	X	30 051
		1997.. 14	X	X	29 816
3151195Y	Hosiery, except sheer, seamless, shipped in the greige, nsk	2002.. N	X	X	3 070
		1997.. N	X	X	6 633
3151195YVV	Hosiery, except sheer, seamless, shipped in the greige, nsk	2002.. N	X	X	3 070
		1997.. N	X	X	6 633
315119W	Other hosiery and sock mills, nsk, total	2002.. N	X	X	96 250
		1997.. N	X	X	151 050
315119WY	Other hosiery and sock mills, nsk, total	2002.. N	X	X	96 250
		1997.. N	X	X	151 050
315119WYVV	Other hosiery and sock mills, nsk, for nonadministrative-record establishments	2002.. N	X	X	29 096
		1997.. N	X	X	95 874
315119WYVY	Other hosiery and sock mills, nsk, for administrative-record establishments	2002.. N	X	X	67 154
		1997.. N	X	X	55 176
315191	Outerwear knitting mills	2002.. N	X	X	1 570 814
		1997.. N	X	X	3 927 154
3151912	Sweaters, men's and boys', made in knitting mills	2002.. N	X	X	59 532
		1997.. N	X	X	N
31519121	Sweaters, men's and boys', made in knitting mills	2002.. N	X	X	59 532
		1997.. N	X	X	N
3151912100	Sweaters, men's and boys', made in knitting mills <sup>10</sup>	2002.. 18	X	X	59 532
		1997.. N	X	X	N
3151914	Sweaters, women's, girls', and infants', made in knitting mills	2002.. N	X	X	310 107
		1997.. N	X	X	N
31519141	Sweaters, women's, girls', and infants', made in knitting mills	2002.. N	X	X	310 107
		1997.. N	X	X	N
3151914100	Sweaters, women's, girls', and infants', made in knitting mills <sup>10</sup>	2002.. 38	X	X	310 107
		1997.. N	X	X	N
3151917	Shirts, dress and sport (including polo, tank tops, sweat and t-shirts), knit, men's and boys', made in knitting mills	2002.. N	X	X	454 825
		1997.. N	X	X	1 657 225
31519172	Shirts, dress and sport (including polo, tank tops, sweat and t-shirts), knit, men's and boys', made in knitting mills	2002.. N	X	X	454 825
		1997.. N	X	X	N
3151917200	Shirts, dress and sport (including polo, tank tops, sweat and t-shirts), knit, men's and boys', made in knitting mills	2002.. 28	X	X	454 825
		1997.. N	X	X	N
315191B	Shirts and blouses (including polo, tank tops, sweat and t-shirts), knit, women's, girls', and infants', made in knitting mills	2002.. N	X	X	201 338
		1997.. N	X	X	N
315191B1	Shirts and blouses (including polo, tank tops, sweat and t-shirts), knit, women's, girls', and infants', made in knitting mills	2002.. N	X	X	201 338
		1997.. N	X	X	N
315191B100	Shirts and blouses (including polo, tank tops, sweat and t-shirts), knit, women's, girls', and infants', made in knitting mills <sup>10</sup>	2002.. 24	X	X	201 338
		1997.. N	X	X	N
315191D	Outerwear (except sweaters, shirts and blouses), knit, made in knitting mills	2002.. N	X	X	106 419
		1997.. N	X	X	N
315191D1	Outerwear (except sweaters, shirts and blouses), knit, made in knitting mills	2002.. N	X	X	105 431
		1997.. N	X	X	N
315191D110	Outerwear (except sweaters, shirts, and blouses), women's, girls', and infants', knit, made in knitting mills	2002.. 14	X	X	63 370
		1997.. N	X	X	N
315191D120	Outerwear, except sweaters and shirts, men's and boys', knit, made in knitting mills	2002.. 12	X	X	42 061
		1997.. N	X	X	N
315191DY	Outerwear (except sweaters, shirts and blouses), knit, made in knitting mills, nsk	2002.. N	X	X	988
		1997.. N	X	X	N
315191DYVV	Outerwear (except sweaters, shirts and blouses), knit, made in knitting mills, nsk	2002.. N	X	X	988
		1997.. N	X	X	N
315191E	Contract receipts for knitting only or knitting and finishing knitting mill products, except underwear and nightwear	2002.. N	X	X	80 472
		1997.. N	X	X	251 542

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315191	Outerwear knitting mills—Con.				
315191E	Contract receipts for knitting only or knitting and finishing				
315191E1	knitting mill products, except underwear and nightwear—Con.				
	Contract receipts for knitting only or knitting and finishing				
	knitting mill products, except underwear and nightwear .....	2002.. N	X	X	80 472
		1997.. N	X	X	251 542
315191E100	Contract receipts for knitting only or knitting and finishing				
	knitting mill products, except underwear and nightwear .....	2002.. 23	X	X	80 472
		1997.. 174	X	X	251 542
315191G	Gloves and mittens, made in knitting mills .....	2002.. N	X	X	54 562
		1997.. N	X	X	89 166
315191G1	Gloves and mittens, made in knitting mills .....	2002.. N	X	X	54 562
		1997.. N	X	X	89 166
315191G100	Gloves and mittens, made in knitting mills .....	2002.. 16	X	X	54 562
		1997.. 14	X	X	89 166
315191H	Apparel products (except outerwear, gloves and mittens,				
	underwear, and nightwear), other types (hats, mufflers,				
	scarves, etc.), made in knitting mills .....	2002.. N	X	X	39 204
		1997.. N	X	X	N
315191H1	Apparel products (except outerwear, gloves and mittens,				
	underwear, and nightwear), other types (hats, mufflers,				
	scarves, etc.), made in knitting mills .....	2002.. N	X	X	39 204
		1997.. N	X	X	N
315191H100	Apparel products (except outerwear, gloves and mittens,				
	underwear, and nightwear), other types (hats, mufflers,				
	scarves, etc.), made in knitting mills .....	2002.. 8	X	X	39 204
		1997.. N	X	X	N
315191W	Outerwear knitting mills, nsk, total .....	2002.. N	X	X	264 355
		1997.. N	X	X	485 709
315191WY	Outerwear knitting mills, nsk, total .....	2002.. N	X	X	264 355
		1997.. N	X	X	485 709
315191WYWW	Outerwear knitting mills, nsk, for nonadministrative-record				
	establishments .....	2002.. N	X	X	215 046
		1997.. N	X	X	354 929
315191WYWY	Outerwear knitting mills, nsk, for administrative-record				
	establishments .....	2002.. N	X	X	49 309
		1997.. N	X	X	130 780
315192	Underwear and nightwear knitting mills .....	2002.. N	X	X	783 592
		1997.. N	X	X	785 521
3151921	Underwear, nightwear, and robes, men's and boys', knit, made				
	in knitting mills .....	2002.. N	X	X	338 232
		1997.. N	X	X	514 835
31519211	Underwear, nightwear, and robes (including thermal,				
	undershirts, undershorts and briefs, and woven boxer shorts)				
	, men's and boys', knit, made in knitting mills .....	2002.. N	X	X	338 232
		1997.. N	X	X	514 835
3151921100	Underwear, nightwear, and robes (including thermal,				
	undershirts, undershorts and briefs, and woven boxer				
	shorts), men's and boys', knit, made in knitting mills .....	2002.. 6	X	X	338 232
		1997.. N	X	X	N
3151924	Underwear and nightwear, women's, girls', and infants', knit,				
	made in knitting mills .....	2002.. N	X	X	434 039
		1997.. N	X	X	N
31519241	Underwear and nightwear, women's, girls', and infants', knit,				
	made in knitting mills .....	2002.. N	X	X	434 039
		1997.. N	X	X	N
3151924110	Underwear, including foundation garments, women's, girls',				
	and infants', knit, made in knitting mills .....	2002.. 11	X	X	241 961
		1997.. N	X	X	N
3151924120	Nightwear, including robes, women's, girls', and infants',				
	knit, made in knitting mills .....	2002.. 6	X	X	192 078
		1997.. N	X	X	N
3151924Y	Underwear and nightwear, women's, girls', and infants', knit,				
	made in knitting mills, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
3151924YVV	Underwear and nightwear, women's, girls', and infants',				
	knit, made in knitting mills, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
315192E	Contract receipts for knitting only or knitting and finishing				
	underwear and nightwear .....	2002.. N	X	X	—
		1997.. N	X	X	N
315192E1	Contract receipts for knitting only or knitting and finishing				
	underwear and nightwear .....	2002.. N	X	X	—
		1997.. N	X	X	N
315192E100	Contract receipts for knitting only or knitting and finishing				
	underwear and nightwear .....	2002.. —	X	X	—
		1997.. N	X	X	N
315192W	Underwear and nightwear knitting mills, nsk, total .....	2002.. N	X	X	11 321
		1997.. N	X	X	D
315192WY	Underwear and nightwear knitting mills, nsk, total .....	2002.. N	X	X	11 321
		1997.. N	X	X	D
315192WYWW	Underwear and nightwear knitting mills, nsk, for				
	nonadministrative-record establishments .....	2002.. N	X	X	396
		1997.. N	X	X	D
315192WYWY	Underwear and nightwear knitting mills, nsk, for				
	administrative-record establishments .....	2002.. N	X	X	10 925
		1997.. N	X	X	D
315211	Men's and boys' cut and sew apparel contractors .....	2002.. N	X	X	927 436
		1997.. N	X	X	1 832 910

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315211	Men's and boys' cut and sew apparel contractors—Con.				
3152111	Contract receipts for men's and boys' tailored suits, coats, jackets, and vests .....	2002.. N	X	X	94 602
		1997.. N	X	X	317 987
31521111	Contract receipts for men's and boys' tailored suits, coats, jackets, and vests .....	2002.. N	X	X	94 602
		1997.. N	X	X	317 987
3152111100	Contract receipts for men's and boys' tailored suits, coats, jackets, and vests .....	2002.. 67	X	X	94 602
		1997.. 71	X	X	317 987
3152113	Contract receipts for men's and boys' shirts, except work shirts .....	2002.. N	X	X	216 448
		1997.. N	X	X	536 523
31521131	Contract receipts for men's and boys' shirts, except work shirts .....	2002.. N	X	X	216 448
		1997.. N	X	X	536 523
3152113100	Contract receipts for men's and boys' shirts, except work shirts .....	2002.. 75	X	X	216 448
		1997.. 161	X	X	536 523
3152116	Contract receipts for men's and boys' underwear and nightwear, including robes .....	2002.. N	X	X	28 044
		1997.. N	X	X	N
31521161	Contract receipts for men's and boys' underwear and nightwear, including robes .....	2002.. N	X	X	28 044
		1997.. N	X	X	N
3152116100	Contract receipts for men's and boys' underwear and nightwear, including robes .....	2002.. 19	X	X	28 044
		1997.. N	X	X	N
3152118	Contract receipts for men's and boys' pants, work apparel, and other outerwear .....	2002.. N	X	X	375 322
		1997.. N	X	X	N
31521181	Contract receipts for men's and boys' trousers, slacks, jeans, and jean-cut casual slacks (except sweatpants and workpants) .....	2002.. N	X	X	159 758
		1997.. N	X	X	N
3152118110	Contract receipts for men's and boys' trousers, slacks, jeans, and jean-cut casual slacks (except sweatpants and workpants) .....	2002.. 58	X	X	159 758
		1997.. N	X	X	N
31521182	Contract receipts for men's and boys' coveralls, washable service apparel, work shirts and workpants (except jeans) .....	2002.. N	X	X	42 966
		1997.. N	X	X	N
3152118220	Contract receipts for men's and boys' coveralls, washable service apparel, work shirts and workpants (except jeans) .....	2002.. 26	X	X	42 966
		1997.. N	X	X	N
31521183	Contract receipts for men's and boys' nontailored coats, jackets and vests, shorts, swimwear, sweaters, sweatpants, and other outerwear .....	2002.. N	X	X	167 270
		1997.. N	X	X	N
3152118330	Contract receipts for men's and boys' nontailored coats, jackets and vests, shorts, swimwear, sweaters, sweatpants, and other outerwear .....	2002.. 79	X	X	167 270
		1997.. N	X	X	N
3152118Y	Contract receipts for men's and boys' pants, work apparel, and other outerwear, nsk .....	2002.. N	X	X	5 328
		1997.. N	X	X	N
3152118YVW	Contract receipts for men's and boys' pants, work apparel, and other outerwear, nsk .....	2002.. N	X	X	5 328
		1997.. N	X	X	N
315211A	Contract receipts for men's and boys' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories .....	2002.. N	X	X	81 009
		1997.. N	X	X	N
315211A1	Contract receipts for men's and boys' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories .....	2002.. N	X	X	81 009
		1997.. N	X	X	N
315211A100	Contract receipts for men's and boys' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories .....	2002.. 99	X	X	81 009
		1997.. N	X	X	N
315211W	Men's and boys' cut and sew apparel contractors, nsk, total .....	2002.. N	X	X	132 011
		1997.. N	X	X	6 673
315211WY	Men's and boys' cut and sew apparel contractors, nsk, total .....	2002.. N	X	X	132 011
		1997.. N	X	X	6 673
315211WYVW	Men's and boys' cut and sew apparel contractors, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	45 260
		1997.. N	X	X	—
315211WYVY	Men's and boys' cut and sew apparel contractors, nsk, for administrative-record establishments .....	2002.. N	X	X	86 751
		1997.. N	X	X	6 673
315212	Women's, girls', and infants' cut and sew apparel contractors .....	2002.. N	X	X	2 591 890
		1997.. N	X	X	3 993 291
3152121	Contract receipts for women's, misses', girls', and infants' shirts and blouses .....	2002.. N	X	X	442 951
		1997.. N	X	X	511 214
31521211	Contract receipts for women's, misses', girls', and infants' shirts and blouses .....	2002.. N	X	X	442 951
		1997.. N	X	X	511 214
3152121100	Contract receipts for women's, misses', girls', and infants' shirts and blouses .....	2002.. 425	X	X	442 951
		1997.. 742	X	X	511 214
3152123	Contract receipts for women's, girls', and infants' dresses .....	2002.. N	X	X	446 386
		1997.. N	X	X	1 027 767

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315212	Women's, girls', and infants' cut and sew apparel contractors— Con.				
3152123	Contract receipts for women's, girls', and infants' dresses—Con.				
31521231	Contract receipts for women's, girls', and infants' dresses .....	2002.. N	X	X	446 386
		1997.. N	X	X	1 027 767
3152123100	Contract receipts for women's, girls', and infants' dresses .....	2002.. 355	X	X	446 386
		1997.. 1 362	X	X	1 027 767
3152125	Contract receipts for women's, girls', and infants' skirts, tailored suits, coats, jackets, and vests .....	2002.. N	X	X	258 597
		1997.. N	X	X	372 099
31521251	Contract receipts for women's, girls', and infants' skirts, tailored suits, coats, jackets, and vests .....	2002.. N	X	X	258 597
		1997.. N	X	X	372 099
3152125100	Contract receipts for women's, girls', and infants' skirts, tailored suits, coats, jackets, and vests .....	2002.. 216	X	X	258 597
		1997.. 376	X	X	372 099
3152127	Contract receipts for women's, girls', and infants' nontailored coats, jackets, and vests, pants, shorts, swimwear, sweaters, and other outerwear .....	2002.. N	X	X	702 434
		1997.. N	X	X	1 779 161
31521271	Contract receipts for women's, girls', and infants' nontailored coats, jackets, and vests, pants, shorts, swimwear, sweaters, and other outerwear .....	2002.. N	X	X	702 434
		1997.. N	X	X	1 779 161
3152127100	Contract receipts for women's, girls', and infants' nontailored coats, jackets, and vests, pants, shorts, swimwear, sweaters, and other outerwear .....	2002.. 535	X	X	702 434
		1997.. 2 137	X	X	1 779 161
3152128	Contract receipts for women's, girls', and infants' underwear and nightwear, including robes and foundation garments .....	2002.. N	X	X	25 725
		1997.. N	X	X	N
31521281	Contract receipts for women's, girls', and infants' underwear and nightwear, including robes and foundation garments .....	2002.. N	X	X	25 725
		1997.. N	X	X	N
3152128100	Contract receipts for women's, girls', and infants' underwear and nightwear, including robes and foundation garments .....	2002.. 24	X	X	25 725
		1997.. N	X	X	N
315212A	Contract receipts for women's, girls', and infants' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories .....	2002.. N	X	X	35 474
		1997.. N	X	X	N
315212A1	Contract receipts for women's, girls', and infants' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories .....	2002.. N	X	X	35 474
		1997.. N	X	X	N
315212A100	Contract receipts for women's, girls', and infants' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories .....	2002.. 62	X	X	35 474
		1997.. N	X	X	N
315212W	Women's, girls', and infants' cut and sew apparel contractors, nsk, total .....	2002.. N	X	X	680 323
		1997.. N	X	X	43 148
315212WY	Women's, girls', and infants' cut and sew apparel contractors, nsk, total .....	2002.. N	X	X	680 323
		1997.. N	X	X	43 148
315212WYWW	Women's, girls', and infants' cut and sew apparel contractors, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	121 789
		1997.. N	X	X	947
315212WYWY	Women's, girls', and infants' cut and sew apparel contractors, nsk, for administrative-record establishments .....	2002.. N	X	X	558 534
		1997.. N	X	X	42 201
315221	Men's and boys' cut and sew underwear and nightwear manufacturing .....	2002.. N	X	X	246 151
		1997.. N	X	X	1 592 367
3152210	Men's and boys' knit underwear, nightwear, and robes, made from purchased fabrics .....	2002.. N	X	X	246 151
		1997.. N	X	X	N
31522101	Men's and boys' knit underwear, nightwear, and robes (including thermal, undershirts, undershorts and briefs, and woven boxer shorts), made from purchased fabrics .....	2002.. N	X	X	246 151
		1997.. N	X	X	N
3152210100	Men's and boys' knit underwear, nightwear, and robes (including thermal, undershirts, undershorts and briefs, and woven boxer shorts), made from purchased fabrics .....	2002.. 45	X	X	246 151
		1997.. N	X	X	N
3152210Y	Men's and boys' cut and sew underwear and nightwear manufacturing, nsk, total .....	2002.. N	X	X	—
		1997.. N	X	X	N
3152210YWW	Men's and boys' cut and sew underwear and nightwear manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	—
		1997.. N	X	X	N
3152210YWY	Men's and boys' cut and sew underwear and nightwear manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	—
		1997.. N	X	X	N
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing .....	2002.. N	X	X	947 309
		1997.. N	X	X	1 895 567

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing—Con.				
3152222	Men's and boys' tailored suits, including dress uniforms (firefighter, military, police, etc.), made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	519 685 N
31522221	Men's and boys' tailored suits, including dress uniforms (firefighter, military, police, etc.), made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	519 685 N
3152222100	Men's and boys' tailored suits, including dress uniforms (firefighter, military, police, etc.), made from purchased fabrics <sup>10</sup> .....	2002.. 104 1997.. N	X X	X X	519 685 N
3152224	Men's and boys' tailored overcoats, topcoats, car and suburban coats (including water-repellent), made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	96 928 N
31522241	Men's and boys' tailored overcoats, topcoats, car and suburban coats (including water-repellent), made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	96 928 N
3152224100	Men's and boys' tailored overcoats, topcoats, car and suburban coats (including water-repellent), made from purchased fabrics <sup>10</sup> .....	2002.. 18 1997.. N	X X	X X	96 928 N
3152226	Men's and boys' tailored dress and sport coats and vests, made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	293 564 N
31522261	Men's and boys' tailored dress and sport coats and vests, made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	293 564 N
3152226100	Men's and boys' tailored dress and sport coats and vests, made from purchased fabrics <sup>10</sup> .....	2002.. 41 1997.. N	X X	X X	293 564 N
315222W	Men's and boys' cut and sew suit, coat, and overcoat manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	37 132 62 273
315222WY	Men's and boys' cut and sew suit, coat, and overcoat manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	37 132 62 273
315222WYWW	Men's and boys' cut and sew suit, coat, and overcoat manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	24 199 46 788
315222WYWY	Men's and boys' cut and sew suit, coat, and overcoat manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	12 933 15 485
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing .....	2002.. N 1997.. N	X X	X X	1 543 380 5 289 588
3152231	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	1 081 535 4 079 816
31522311	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	1 081 535 N
3152231100	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics .....	2002.. 134 1997.. N	X X	X X	1 081 535 N
3152233	Men's and boys' woven dress and sport shirts, made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	368 761 984 106
31522331	Men's and boys' woven dress and sport shirts, made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	368 761 N
3152233100	Men's and boys' woven dress and sport shirts, made from purchased fabrics <sup>10</sup> .....	2002.. 66 1997.. N	X X	X X	368 761 N
315223W	Men's and boys' cut and sew shirts (except work shirts) manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	93 084 225 666
315223WY	Men's and boys' cut and sew shirts (except work shirts) manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	93 084 225 666
315223WYWW	Men's and boys' cut and sew shirts (except work shirts) manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	60 129 188 817
315223WYWY	Men's and boys' cut and sew shirts (except work shirts) manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	32 955 36 849
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing .....	2002.. N 1997.. N	X X	X X	4 136 331 6 593 077
3152242	Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	1 424 033 N
31522421	Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics .....	2002.. N	X	X	1 424 033

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing—Con.					
3152242	Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics—Con.					
31522421	Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics—Con.					
3152242100	Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics <sup>10</sup> .....	1997..	N	X	X	N
3152244	Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics .....	2002..	74	X	X	1 424 033
31522441	Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics .....	1997..	N	X	X	N
3152244100	Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics <sup>10</sup> .....	2002..	N	X	X	2 584 804
3152244100	Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics <sup>10</sup> .....	1997..	N	X	X	N
315224W	Men's and boys' cut and sew trouser, slack, and jean manufacturing, nsk, total .....	2002..	N	X	X	127 494
315224WY	Men's and boys' cut and sew trouser, slack, and jean manufacturing, nsk, total .....	1997..	N	X	X	21 906
315224WYWW	Men's and boys' cut and sew trouser, slack, and jean manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	107 850
315224WYWY	Men's and boys' cut and sew trouser, slack, and jean manufacturing, nsk, for administrative-record establishments .....	1997..	N	X	X	11 589
315225	Men's and boys' cut and sew work clothing manufacturing .....	2002..	N	X	X	1 741 803
3152251	Men's and boys' work shirts, made from purchased fabrics .....	1997..	N	X	X	1 910 155
31522511	Men's and boys' work shirts, made from purchased fabrics .....	2002..	N	X	X	450 921
3152251100	Men's and boys' work shirts, made from purchased fabrics <sup>10</sup> .....	1997..	N	X	X	481 142
3152254	Men's and boys' workpants (except jeans), work jackets, coveralls, overalls, jumpsuits, and washable service apparel, including hospital patient wear (except disposable), made from purchased fabrics .....	2002..	N	X	X	450 921
31522541	Men's and boys' workpants (except jeans), work jackets, coveralls, overalls, jumpsuits, and washable service apparel, including hospital patient wear (except disposable), made from purchased fabrics .....	1997..	N	X	X	481 142
3152254100	Men's and boys' workpants (except jeans), work jackets, coveralls, overalls, jumpsuits, and washable service apparel, including hospital patient wear (except disposable), made from purchased fabrics <sup>10</sup> .....	2002..	80	X	X	1 232 344
315225W	Men's and boys' cut and sew work clothing manufacturing, nsk, total .....	1997..	N	X	X	N
315225WY	Men's and boys' cut and sew work clothing manufacturing, nsk, total .....	2002..	N	X	X	58 538
315225WYWW	Men's and boys' cut and sew work clothing manufacturing, nsk, for nonadministrative-record establishments .....	1997..	N	X	X	69 396
315225WYWY	Men's and boys' cut and sew work clothing manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	58 538
315228	Men's and boys' cut and sew other outerwear manufacturing .....	1997..	N	X	X	69 396
3152282	Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics .....	2002..	N	X	X	51 667
31522821	Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics .....	1997..	N	X	X	47 823
3152282110	Men's and boys' heavyweight nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics <sup>10</sup> .....	2002..	N	X	X	6 871
3152282120	Men's and boys' lightweight nontailored coats, jackets, and vests (except ski apparel and work jackets), made from purchased fabrics <sup>10</sup> .....	1997..	N	X	X	21 573
3152282Y	Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics, nsk .....	2002..	N	X	X	1 134 203
		1997..	N	X	X	2 264 032

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315228	Men's and boys' cut and sew other outerwear manufacturing— Con.				
3152282	Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics—Con.				
3152282Y	Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics, nsk—Con.	1997..	N	X	X
3152282YVV	Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics, nsk.....	2002..	N	X	X
		1997..	N	X	X
3152284	Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
31522841	Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
3152284100	Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics <sup>10</sup> .....	2002..	69	X	X
		1997..	N	X	X
3152286	Men's and boys' sweaters, sweatpants, jogging and warm-up suits, playsuits, beachwear (except swimsuits), and ski apparel, made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
31522861	Men's and boys' sweaters, sweatpants, jogging and warm-up suits, playsuits, beachwear (except swimsuits), and ski apparel, made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
3152286100	Men's and boys' sweaters, sweatpants, jogging and warm- up suits, playsuits, beachwear (except swimsuits), and ski apparel, made from purchased fabrics <sup>10</sup> .....	2002..	56	X	X
		1997..	N	X	X
315228W	Men's and boys' cut and sew other outerwear manufacturing, nsk, total.....	2002..	N	X	X
		1997..	N	X	X
315228WY	Men's and boys' cut and sew other outerwear manufacturing, nsk, total.....	2002..	N	X	X
		1997..	N	X	X
315228WYWW	Men's and boys' cut and sew other outerwear manufacturing, nsk, for nonadministrative-record establishments.....	2002..	N	X	X
		1997..	N	X	X
315228WYWY	Men's and boys' cut and sew other outerwear manufacturing, nsk, for administrative-record establishments.....	2002..	N	X	X
		1997..	N	X	X
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing.....	2002..	N	X	X
		1997..	N	X	X
3152311	Women's and girls' underwear, except foundation garments, made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
31523111	Women's and girls' underwear, including slips and teddies (except foundation garments), made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
3152311100	Women's and girls' underwear, including slips and teddies (except foundation garments), made from purchased fabrics.....	2002..	37	X	X
		1997..	N	X	X
3152313	Women's and girls' nightwear, except robes, made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
31523131	Women's and girls' nightwear, except robes, made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
3152313100	Women's and girls' nightwear, except robes, made from purchased fabrics.....	2002..	36	X	X
		1997..	N	X	X
3152315	Women's and girls' brassieres, bra-lettes, and bandeaux, made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
31523151	Women's and girls' brassieres, bra-lettes, and bandeaux, made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
3152315100	Women's and girls' brassieres, bra-lettes, and bandeaux, made from purchased fabrics.....	2002..	27	X	X
		1997..	33	X	X
3152318	Women's and girls' corsets (except surgical), girdles, and combinations, made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
31523181	Women's and girls' corsets (except surgical), girdles, and combinations, made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
3152318100	Women's and girls' corsets (except surgical), girdles, and combinations, made from purchased fabrics.....	2002..	14	X	X
		1997..	N	X	X
3152319	Women's and girls' robes and dressing gowns, made from purchased fabrics.....	2002..	N	X	X
		1997..	N	X	X
31523191	Women's and girls' robes and dressing gowns, made from purchased fabrics.....	2002..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing—Con.				
3152319	Women's and girls' robes and dressing gowns, made from purchased fabrics—Con.				
31523191	Women's and girls' robes and dressing gowns, made from purchased fabrics—Con.	1997..	N	X	230 611
3152319100	Women's and girls' robes and dressing gowns, made from purchased fabrics .....	2002..	16	X	66 783
		1997..	46	X	230 611
315231W	Women's and girls' cut and sew lingerie, loungewear and nightwear manufacturing, nsk, total .....	2002..	N	X	109 676
		1997..	N	X	102 945
315231WY	Women's and girls' cut and sew lingerie, loungewear and nightwear manufacturing, nsk, total .....	2002..	N	X	109 676
		1997..	N	X	102 945
315231WYWW	Women's and girls' cut and sew lingerie, loungewear and nightwear manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	72 110
		1997..	N	X	72 286
315231WYWY	Women's and girls' cut and sew lingerie, loungewear and nightwear manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	37 566
		1997..	N	X	30 659
315232	Women's and girls' cut and sew blouse and shirt manufacturing .....	2002..	N	X	3 114 363
		1997..	N	X	4 149 397
3152321	Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics .....	2002..	N	X	1 614 339
		1997..	N	X	2 243 507
31523212	Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics .....	2002..	N	X	1 614 339
		1997..	N	X	N
3152321200	Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics <sup>10</sup> .....	2002..	234	X	1 614 339
		1997..	N	X	N
3152323	Women's and girls' woven shirts and blouses, made from purchased fabrics .....	2002..	N	X	1 232 060
		1997..	N	X	1 826 263
31523231	Women's and girls' woven shirts and blouses, made from purchased fabrics .....	2002..	N	X	1 232 060
		1997..	N	X	N
3152323100	Women's and girls' woven shirts and blouses, made from purchased fabrics <sup>10</sup> .....	2002..	145	X	1 232 060
		1997..	N	X	N
315232W	Women's and girls' cut and sew blouse and shirt manufacturing, nsk, total .....	2002..	N	X	267 964
		1997..	N	X	79 627
315232WY	Women's and girls' cut and sew blouse and shirt manufacturing, nsk, total .....	2002..	N	X	267 964
		1997..	N	X	79 627
315232WYWW	Women's and girls' cut and sew blouse and shirt manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	178 504
		1997..	N	X	21 416
315232WYWY	Women's and girls' cut and sew blouse and shirt manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	89 460
		1997..	N	X	58 211
315233	Women's and girls' cut and sew dress manufacturing .....	2002..	N	X	3 013 378
		1997..	N	X	4 607 780
3152330	Women's and girls' dresses, made from purchased fabrics .....	2002..	N	X	3 013 378
		1997..	N	X	4 607 780
31523301	Women's and girls' dresses, made from purchased fabrics .....	2002..	N	X	2 613 109
		1997..	N	X	N
3152330100	Women's and girls' dresses, made from purchased fabrics <sup>10</sup> .....	2002..	282	X	2 613 109
		1997..	N	X	N
3152330Y	Women's and girls' dresses, made from purchased fabrics, nsk, total .....	2002..	N	X	400 269
		1997..	N	X	224 515
3152330YWW	Women's and girls' dresses, made from purchased fabrics, nsk, for nonadministrative-record establishments .....	2002..	N	X	225 996
		1997..	N	X	182 112
3152330YWY	Women's and girls' dresses, made from purchased fabrics, nsk, for administrative-record establishments .....	2002..	N	X	174 273
		1997..	N	X	42 403
315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing .....	2002..	N	X	1 518 564
		1997..	N	X	3 423 450
3152342	Women's and girls' tailored coats and capes, including water-repellent (except fur, leather, down- and feather-filled), made from purchased fabrics .....	2002..	N	X	234 298
		1997..	N	X	N
31523421	Women's and girls' tailored coats and capes, including water-repellent (except fur, leather, down- and feather-filled), made from purchased fabrics .....	2002..	N	X	234 298
		1997..	N	X	N
3152342100	Women's and girls' tailored coats and capes, including water-repellent (except fur, leather, down- and feather-filled), made from purchased fabrics <sup>10</sup> .....	2002..	30	X	234 298
		1997..	N	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing—Con.				
3152344	Women's and girls' tailored suits and pantsuits, including dress uniforms (firefighter, military, police, etc), made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
31523441	Women's and girls' tailored suits and pantsuits, including dress uniforms (firefighter, military, police, etc), made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
3152344100	Women's and girls' tailored suits and pantsuits, including dress uniforms (firefighter, military, police, etc), made from purchased fabrics <sup>10</sup> .....	2002..	47	X	X
		1997..	N	X	X
3152346	Women's and girls' skirts, made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
31523461	Women's and girls' skirts, made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
3152346100	Women's and girls' skirts, made from purchased fabrics <sup>10</sup> .....	2002..	134	X	X
		1997..	N	X	X
3152348	Women's and girls' tailored jackets and vests, except fur and leather, made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
31523481	Women's and girls' tailored jackets and vests, except fur and leather, made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
3152348100	Women's and girls' tailored jackets and vests, except fur and leather, made from purchased fabrics <sup>10</sup> .....	2002..	66	X	X
		1997..	N	X	X
315234W	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
315234WY	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
315234WYWW	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
315234WYWY	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
315239	Women's and girls' cut and sew other outerwear manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3152392	Women's and girls' sweaters, including sweater vests, made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
31523921	Women's and girls' sweaters, including sweater vests, made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
3152392100	Women's and girls' sweaters, including sweater vests, made from purchased fabrics <sup>10</sup> .....	2002..	54	X	X
		1997..	N	X	X
3152394	Women's and girls' shorts, including tennis skirts, made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
31523941	Women's and girls' shorts, including tennis skirts, made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
3152394100	Women's and girls' shorts, including tennis skirts, made from purchased fabrics <sup>10</sup> .....	2002..	69	X	X
		1997..	N	X	X
3152396	Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
31523961	Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
3152396100	Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics <sup>10</sup> .....	2002..	205	X	X
		1997..	N	X	X
3152398	Women's and girls' sweatpants, bodysuits and bodyshirts, jogging and warm-up suits, playsuits, rompers, and beachwear (except swimwear), made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
31523981	Women's and girls' sweatpants, bodysuits and bodyshirts, jogging and warm-up suits, playsuits, rompers, and beachwear (except swimwear), made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
3152398100	Women's and girls' sweatpants, bodysuits and bodyshirts, jogging and warm-up suits, playsuits, rompers, and beachwear (except swimwear), made from purchased fabrics <sup>10</sup> .....	2002..	43	X	X
		1997..	N	X	X
315239A	Women's and girls' swimwear, made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
315239A1	Women's and girls' swimwear, made from purchased fabrics .....	2002..	N	X	X
		1997..	N	X	X
315239A100	Women's and girls' swimwear, made from purchased fabrics <sup>10</sup> .....	2002..	50	X	X
		1997..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315239	Women's and girls' cut and sew other outerwear manufacturing— Con.				
315239C	Women's and girls' nontailored coats, jackets, and vests (including water-repellent, down- and feather-filled, and ski apparel), made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	164 841 N
315239C1	Women's and girls' nontailored coats, jackets, and vests (including water-repellent, down- and feather-filled, and ski apparel), made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	164 841 N
315239C100	Women's and girls' nontailored coats, jackets, and vests (including water-repellent, down- and feather-filled, and ski apparel), made from purchased fabrics <sup>10</sup> .....	2002.. 73 1997.. N	X X	X X	164 841 N
315239E	Women's and girls' washable service apparel (including hospital patient wear (except disposable), coveralls, overalls, and jumpsuits), made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	413 504 N
315239E1	Women's and girls' washable service apparel (including hospital patient wear (except disposable), coveralls, overalls, and jumpsuits), made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	413 504 N
315239E100	Women's and girls' washable service apparel (including hospital patient wear (except disposable), coveralls, overalls, and jumpsuits), made from purchased fabrics <sup>10</sup> .....	2002.. 45 1997.. N	X X	X X	413 504 N
315239W	Women's and girls' cut and sew other outerwear manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	362 243 241 223
315239WY	Women's and girls' cut and sew other outerwear manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	362 243 241 223
315239WYWW	Women's and girls' cut and sew other outerwear manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	243 213 178 181
315239WYWY	Women's and girls' cut and sew other outerwear manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	119 030 63 042
315291	Infants' cut and sew apparel manufacturing .....	2002.. N 1997.. N	X X	X X	240 606 794 910
3152910	Infants' apparel, made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	240 606 794 910
31529101	Infants' underwear and nightwear, made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	69 976 294 202
3152910110	Infants' underwear, made from purchased fabrics .....	2002.. 4 1997.. 5	X X	X X	13 365 71 538
3152910120	Infants' nightwear (including pajamas, gowns, and robes), made from purchased fabrics .....	2002.. 11 1997.. 12	X X	X X	56 611 222 664
31529102	Infants' apparel, except underwear and nightwear, made from purchased fabrics .....	2002.. N 1997.. N	X X	X X	161 052 497 917
3152910231	Infants' knit and woven shirts, made from purchased fabrics <sup>10</sup> .....	2002.. 4 1997.. N	X X	X X	4 927 N
3152910250	Infants' dresses, made from purchased fabrics <sup>10</sup> .....	2002.. 16 1997.. 26	X X	X X	33 258 63 525
3152910270	Infants' play garments (playsuits, shorts, slacks, jeans, coveralls, creepers, rompers, sets, etc.), made from purchased fabrics <sup>10</sup> .....	2002.. 24 1997.. 37	X X	X X	118 934 323 853
3152910290	Infants' outerwears (sweaters, swimwear, coats, jackets, vests, etc.), made from purchased fabrics <sup>10</sup> .....	2002.. 7 1997.. N	X X	X X	3 933 N
3152910Y	Infants' apparel, made from purchased fabrics, nsk, total .....	2002.. N 1997.. N	X X	X X	9 578 2 791
3152910YWW	Infants' apparel, made from purchased fabrics, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	— 1 436
3152910YWY	Infants' apparel, made from purchased fabrics, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	9 578 1 355
315292	Fur and leather apparel manufacturing .....	2002.. N 1997.. N	X X	X X	189 893 232 538
3152921	Fur garments, accessories, and trimmings (coats, capes, jackets, neck pieces, fur linings, etc.) .....	2002.. N 1997.. N	X X	X X	42 663 94 647
31529211	Fur garments, accessories, and trimmings (coats, capes, jackets, neck pieces, fur linings, etc.) .....	2002.. N 1997.. N	X X	X X	42 663 94 647
3152921100	Fur garments, accessories, and trimmings (coats, capes, jackets, neck pieces, fur linings, etc.) .....	2002.. 34 1997.. 56	X X	X X	42 663 94 647
3152925	Leather and sheep-lined clothing .....	2002.. N 1997.. N	X X	X X	125 556 108 192
31529253	Leather and sheep-lined clothing .....	2002.. N 1997.. N	X X	X X	115 101 N
3152925310	Leather and sheep-lined clothing, men's and boys' .....	2002.. 28 1997.. N	X X	X X	72 863 N
3152925320	Leather and sheep-lined clothing, women's, girls', and infants' .....	2002.. 23 1997.. N	X X	X X	42 238 N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315292	Fur and leather apparel manufacturing—Con.				
3152925	Leather and sheep-lined clothing—Con.				
3152925Y	Leather and sheep-lined clothing, nsk	2002.. N	X	X	10 455
		1997.. N	X	X	6 606
3152925YWV	Leather and sheep-lined clothing, nsk	2002.. N	X	X	10 455
		1997.. N	X	X	6 606
315292W	Fur and leather apparel manufacturing, nsk, total	2002.. N	X	X	21 674
		1997.. N	X	X	29 699
315292WY	Fur and leather apparel manufacturing, nsk, total	2002.. N	X	X	21 674
		1997.. N	X	X	29 699
315292WYWW	Fur and leather apparel manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	8 305
		1997.. N	X	X	1 356
315292WYWY	Fur and leather apparel manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	13 369
		1997.. N	X	X	28 343
315299	All other cut and sew apparel manufacturing	2002.. N	X	X	967 603
		1997.. N	X	X	863 948
3152991	Team sport uniforms, men's and boys'	2002.. N	X	X	217 991
		1997.. N	X	X	206 515
31529911	Team sport uniforms, men's and boys'	2002.. N	X	X	217 991
		1997.. N	X	X	206 515
3152991100	Team sport uniforms, men's and boys' <sup>10</sup>	2002.. 58	X	X	217 991
		1997.. 51	X	X	206 515
3152993	Team sport uniforms, women's and girls'	2002.. N	X	X	71 256
		1997.. N	X	X	72 986
31529931	Team sport uniforms, women's and girls'	2002.. N	X	X	71 256
		1997.. N	X	X	72 986
3152993100	Team sport uniforms, women's and girls' <sup>10</sup>	2002.. 34	X	X	71 256
		1997.. 37	X	X	72 986
3152995	Vestments and costumes	2002.. N	X	X	504 835
		1997.. N	X	X	410 785
31529951	Vestments and costumes	2002.. N	X	X	501 904
		1997.. N	X	X	410 785
3152995110	Costumes, including theatrical and dancewear	2002.. 60	X	X	380 109
		1997.. N	X	X	N
3152995120	Academic caps and gowns and vestments (including judicial, burial, choir, fraternal, and ecclesiastical)	2002.. 27	X	X	121 795
		1997.. N	X	X	N
3152995Y	Vestments and costumes, nsk	2002.. N	X	X	2 931
		1997.. N	X	X	—
3152995YWV	Vestments and costumes, nsk	2002.. N	X	X	2 931
		1997.. N	X	X	—
3152997	Apparel, plastic or rubber (50% or greater), including raincoats and rubber pants (except wet suits)	2002.. N	X	X	38 236
		1997.. N	X	X	N
31529971	Apparel, plastic or rubber (50% or greater), including raincoats and rubber pants (except wet suits)	2002.. N	X	X	38 236
		1997.. N	X	X	N
3152997110	Apparel, plastic or rubber (50% or greater), including raincoats and rubber pants (except wet suits), men's and boys' <sup>10</sup>	2002.. 10	X	X	D
		1997.. N	X	X	N
3152997120	Apparel, plastic or rubber (50% or greater), including raincoats and rubber pants (except wet suits), women's and girls' <sup>10</sup>	2002.. 1	X	X	D
		1997.. N	X	X	N
3152997Y	Apparel, plastic or rubber (50% or greater), including raincoats and rubber pants (except wet suits), nsk	2002.. N	X	X	—
		1997.. N	X	X	N
3152997YWV	Apparel, plastic or rubber (50% or greater), including raincoats and rubber pants (except wet suits), nsk	2002.. N	X	X	—
		1997.. N	X	X	N
315299W	All other cut and sew apparel manufacturing, nsk, total	2002.. N	X	X	135 285
		1997.. N	X	X	173 662
315299WY	All other cut and sew apparel manufacturing, nsk, total	2002.. N	X	X	135 285
		1997.. N	X	X	173 662
315299WYWW	All other cut and sew apparel manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	101 453
		1997.. N	X	X	148 055
315299WYWY	All other cut and sew apparel manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	33 832
		1997.. N	X	X	25 607
315991	Hat, cap, and millinery manufacturing	2002.. N	X	X	538 383
		1997.. N	X	X	861 088
3159912	Hats and caps, fabric, straw, and felt, men's and boys'	2002.. N	X	X	166 042
		1997.. N	X	X	N
31599121	Hats, fabric (except felt), men's and boy's	2002.. N	X	X	49 442
		1997.. N	X	X	N
3159912112	Hats, fabric (except felt), men's and boy's	2002.. 15	X	X	49 442
		1997.. N	X	X	N
31599122	Hats, straw, men's and boys'	2002.. N	X	X	37 071
		1997.. N	X	X	N
3159912216	Hats, straw, men's and boys'	2002.. 15	X	X	37 071
		1997.. N	X	X	N
31599123	Hats, felt, men's and boys'	2002.. N	X	X	76 724
		1997.. N	X	X	N
3159912318	Hats, felt, wool, men's and boys'	2002.. 10	X	X	29 562
		1997.. N	X	X	N
3159912320	Hats, felt (except wool), men's and boys'	2002.. 11	X	X	47 162
		1997.. N	X	X	N

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315991	Hat, cap, and millinery manufacturing—Con.				
3159912	Hats and caps, fabric, straw, and felt, men's and boys'—Con.				
3159912Y	Hats and caps, fabric, straw, and felt, men's and boys', nsk	2002.. N	X	X	2 805
		1997.. N	X	X	N
3159912YWV	Hats and caps, fabric, straw, and felt, men's and boys', nsk	2002.. N	X	X	2 805
		1997.. N	X	X	N
3159915	Hats and caps (fabric, straw, and felt), women's, girls', and infants'	2002.. N	X	X	36 008
		1997.. N	X	X	102 084
31599151	Hats, fabric (except felt), women's, girls', and infants'	2002.. N	X	X	8 936
		1997.. N	X	X	102 084
3159915114	Hats, fabric (except felt), women's, girls', and infants'	2002.. 11	X	X	8 936
		1997.. N	X	X	N
31599152	Hats, straw, women's, girls', and infants'	2002.. N	X	X	21 222
		1997.. N	X	X	N
3159915216	Hats, straw, women's, girls', and infants'	2002.. 11	X	X	21 222
		1997.. N	X	X	N
31599153	Hats, felt (including wool), women's, girls', and infants'	2002.. N	X	X	5 600
		1997.. N	X	X	N
3159915318	Hats, felt (including wool), women's, girls', and infants'	2002.. 9	X	X	5 600
		1997.. N	X	X	N
3159915Y	Hats and caps (fabric, straw, and felt), women's, girls', and infants', nsk	2002.. N	X	X	250
		1997.. N	X	X	-
3159915YWV	Hats and caps (fabric, straw, and felt), women's, girls', and infants', nsk	2002.. N	X	X	250
		1997.. N	X	X	-
3159916	Hat bodies and fabric caps	2002.. N	X	X	249 944
		1997.. N	X	X	N
31599161	Hat bodies, except hat bodies finished into hats in the same establishment	2002.. N	X	X	13 038
		1997.. N	X	X	N
3159916110	Hat bodies, except hat bodies finished into hats in the same establishment	2002.. 9	X	X	13 038
		1997.. N	X	X	N
31599162	Fabric caps	2002.. N	X	X	226 714
		1997.. N	X	X	N
3159916220	Fabric caps	2002.. 56	X	X	226 714
		1997.. N	X	X	N
3159916Y	Hat bodies and fabric caps, nsk	2002.. N	X	X	10 192
		1997.. N	X	X	N
3159916YWV	Hat bodies and fabric caps, nsk	2002.. N	X	X	10 192
		1997.. N	X	X	N
315991W	Hat, cap, and millinery manufacturing, nsk, total	2002.. N	X	X	86 389
		1997.. N	X	X	57 786
315991WY	Hat, cap, and millinery manufacturing, nsk, total	2002.. N	X	X	86 389
		1997.. N	X	X	57 786
315991WYWW	Hat, cap, and millinery manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	59 057
		1997.. N	X	X	32 764
315991WYWY	Hat, cap, and millinery manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	27 332
		1997.. N	X	X	25 022
315992	Glove and mitten manufacturing	2002.. N	X	X	157 034
		1997.. N	X	X	456 260
3159921	Gloves and mittens, made from purchased fabrics	2002.. N	X	X	58 979
		1997.. N	X	X	310 970
31599211	Gloves and mittens, made from purchased fabrics	2002.. N	X	X	58 979
		1997.. N	X	X	310 970
3159921100	Gloves and mittens, made from purchased fabrics	2002.. 20	X	X	58 979
		1997.. 37	X	X	310 970
3159923	Gloves and mittens, leather-and-fabric combinations, made from purchased leather and fabrics	2002.. N	X	X	13 317
		1997.. N	X	X	29 764
31599231	Gloves and mittens, leather-and-fabric combinations, made from purchased leather and fabrics	2002.. N	X	X	13 317
		1997.. N	X	X	29 764
3159923100	Gloves and mittens, leather-and-fabric combinations, made from purchased leather and fabrics	2002.. 14	X	X	13 317
		1997.. 22	X	X	29 764
3159925	Gloves and mittens, all leather, made from purchased leather	2002.. N	X	X	46 607
		1997.. N	X	X	90 291
31599251	Gloves and mittens, all leather, made from purchased leather	2002.. N	X	X	46 607
		1997.. N	X	X	90 291
3159925100	Gloves and mittens, all leather, made from purchased leather	2002.. 29	X	X	46 607
		1997.. 37	X	X	90 291
315992W	Glove and mitten manufacturing, nsk, total	2002.. N	X	X	38 131
		1997.. N	X	X	25 235
315992WY	Glove and mitten manufacturing, nsk, total	2002.. N	X	X	38 131
		1997.. N	X	X	25 235
315992WYWW	Glove and mitten manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	29 447
		1997.. N	X	X	14 079
315992WYWY	Glove and mitten manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	8 684
		1997.. N	X	X	11 156
315993	Men's and boys' neckwear manufacturing	2002.. N	X	X	344 965
		1997.. N	X	X	539 871

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315993	Men's and boys' neckwear manufacturing—Con.				
3159930	Men's and boys' neckwear .....	2002.. N	X	X	344 965
		1997.. N	X	X	539 871
31599301	Men's, juniors', and little boys' neckties, silk and polyester .....	2002.. N	X	X	312 287
		1997.. N	X	X	497 990
3159930111	Men's, juniors', and little boys' neckties, all silk, woven .....	2002.. 28	X	X	274 881
		1997.. 60	X	X	440 775
3159930121	Men's, juniors', and little boys' neckties, all polyester, woven .....	2002.. 9	X	X	37 406
		1997.. 21	X	X	57 215
31599302	Men's, juniors', and little boys' neckties and other neckwear, all other fabrics, including leather neckties and knit or woven mufflers and scarves .....	2002.. N	X	X	11 635
		1997.. N	X	X	21 925
3159930251	Men's, juniors', and little boys' neckties and other neckwear, all other fabrics, including leather neckties and knit or woven mufflers and scarves .....	2002.. 6	X	X	11 635
		1997.. N	X	X	N
3159930Y	Men's and boys' neckwear, nsk, total .....	2002.. N	X	X	21 043
		1997.. N	X	X	19 956
3159930YWW	Men's and boys' neckwear, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	3 224
		1997.. N	X	X	1 617
3159930YWY	Men's and boys' neckwear, nsk, for administrative record establishments .....	2002.. N	X	X	17 819
		1997.. N	X	X	18 339
315999	Other apparel accessories and other apparel manufacturing .....	2002.. N	X	X	1 206 684
		1997.. N	X	X	1 979 028
3159991	Neckware (scarfs, dickies, etc.), women's and girls' .....	2002.. N	X	X	19 494
		1997.. N	X	X	29 856
31599911	Neckware (scarfs, dickies, etc.), women's and girls' .....	2002.. N	X	X	19 494
		1997.. N	X	X	29 856
3159991100	Neckware (scarfs, dickies, etc.), women's and girls' .....	2002.. 5	X	X	19 494
		1997.. 25	X	X	29 856
3159995	Leather belts .....	2002.. N	X	X	426 871
		1997.. N	X	X	408 874
31599951	Leather belts .....	2002.. N	X	X	391 143
		1997.. N	X	X	351 385
3159995111	Leather belts, made for sale to apparel companies, women's and girls' .....	2002.. 11	X	X	66 202
		1997.. 19	X	X	51 912
3159995121	Leather belts, made for sale separately, women's and girls' .....	2002.. 15	X	X	75 813
		1997.. 15	X	X	113 292
3159995131	Leather belts, made for sale to apparel companies, men's and boys' .....	2002.. 10	X	X	117 160
		1997.. 18	X	X	126 020
3159995141	Leather belts, made for sale separately, men's and boys' .....	2002.. 10	X	X	131 968
		1997.. 14	X	X	60 161
3159995Y	Leather belts, nsk .....	2002.. N	X	X	35 728
		1997.. N	X	X	57 489
3159995YWW	Leather belts, nsk .....	2002.. N	X	X	35 728
		1997.. N	X	X	57 489
3159997	Belts, except leather .....	2002.. N	X	X	46 108
		1997.. N	X	X	50 941
31599971	Belts, except leather .....	2002.. N	X	X	32 992
		1997.. N	X	X	41 638
3159997125	Belts, except leather, women's and girls' .....	2002.. 10	X	X	24 228
		1997.. N	X	X	N
3159997135	Belts, except leather, men's and boys' .....	2002.. 4	X	X	8 764
		1997.. N	X	X	N
3159997Y	Belts, except leather, nsk .....	2002.. N	X	X	13 116
		1997.. N	X	X	9 303
3159997YWW	Belts, except leather, nsk .....	2002.. N	X	X	13 116
		1997.. N	X	X	9 303
3159999	Apparel accessories (including aprons, bibs, rainhats, and shower and bathing caps), plastic or rubber (50 percent or greater) .....	2002.. N	X	X	58 602
		1997.. N	X	X	N
31599991	Apparel accessories (including aprons, bibs, rainhats, and shower and bathing caps), plastic or rubber (50 percent or greater) .....	2002.. N	X	X	58 602
		1997.. N	X	X	N
3159999100	Apparel accessories (including aprons, bibs, rainhats, and shower and bathing caps), plastic or rubber (50 percent or greater) .....	2002.. 22	X	X	58 602
		1997.. N	X	X	N
315999A	Hose supporters, arm bands, suspenders, and handkerchiefs .....	2002.. N	X	X	43 988
		1997.. N	X	X	53 624
315999A3	Hose supporters, arm bands, suspenders, and handkerchiefs .....	2002.. N	X	X	43 988
		1997.. N	X	X	N
315999A300	Hose supporters, arm bands, suspenders, and handkerchiefs .....	2002.. 5	X	X	43 988
		1997.. N	X	X	N
315999D	Apparel accessories, all other types (apparel findings, trimmings, etc.), fabricated .....	2002.. N	X	X	279 090
		1997.. N	X	X	N
315999D1	Apparel accessories, all other types (apparel findings, trimmings, etc.), fabricated .....	2002.. N	X	X	225 369
		1997.. N	X	X	N
315999D110	Apparel findings (coat, suit, and trouser), men's and junior boys' .....	2002.. 9	X	X	95 983
		1997.. N	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
315999	Other apparel accessories and other apparel manufacturing—Con.				
315999D	Apparel accessories, all other types (apparel findings, trimmings, etc.), fabricated—Con.				
315999D1	Apparel accessories, all other types (apparel findings, trimmings, etc.), fabricated—Con.				
315999D120	Apparel findings and trimmings, all other types (except men's and junior boys' coat, suit, and trouser findings) .....	2002.. 26 1997.. N	X X	X X	104 890 N
315999D130	Apparel accessories, all other types (hat bands and linings, cap fronts, tip printing and stamping on fabric articles, sweatbands, hatters' fur (cut or blown), etc.), fabricated .....	2002.. 12 1997.. N	X X	X X	24 496 N
315999DY	Apparel accessories, all other types (apparel findings, trimmings, etc.), fabricated .....	2002.. N 1997.. N	X X	X X	53 721 N
315999DYWV	Apparel accessories, all other types (apparel findings, trimmings, etc.), fabricated, nsk .....	2002.. N 1997.. N	X X	X X	53 721 N
315999W	Other apparel accessories and other apparel manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	332 531 352 806
315999WY	Other apparel accessories and other apparel manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	332 531 352 806
315999WYWW	Other apparel accessories and other apparel manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	219 870 251 715
315999WYWY	Other apparel accessories and other apparel manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	112 661 101 091
316110	Leather and hide tanning and finishing .....	2002.. N 1997.. N	X X	X X	2 061 392 3 716 635
3161101	Leather, finished and unfinished .....	2002.. N 1997.. N	X X	X X	1 879 475 3 205 197
31611011	Leather (sole, bag, case, and strap), except offal and wetling, cattle hide and kip side, full grain and grain split .....	2002.. N 1997.. N	X X	X X	115 514 161 306
3161101111	Leather, sole (except offal and wetling), cattle hide and kip side, full grain and grain split .....	2002.. 7 1997.. 16	X X	25.3 34.7	71 801 96 576
3161101121	Leather (bag, case, and strap), except offal and wetling, cattle hide and kip side, full grain and grain split .....	2002.. 9 1997.. 13	X X	S 20.6	43 713 64 730
31611012	Leather, upholstery (top grains and machine buffs), except offal and wetling, cattle hide and kip side, full grain and grain split .....	2002.. N 1997.. N	X X	X X	387 574 1 030 265
3161101231	Leather, upholstery (top grains and machine buffs), except offal and wetling, cattle hide and kip side, full grain and grain split .....	2002.. 17 1997.. 14	X X	S 349.9	387 574 1 030 265
31611013	Leather, upper (except offal and wetling), cattle hide and kip side, patent (sides), full grain, and grain split .....	2002.. N 1997.. N	X X	X X	455 071 718 722
3161101341	Leather, upper (except offal and wetling), cattle hide and kip side, patent (sides), full grain, and grain split .....	2002.. 15 1997.. 20	X X	145.4 302.7	455 071 718 722
31611014	Leather, garment, cattle hide and kip side offal, finished leather splits, and other leather grains .....	2002.. N 1997.. N	X X	X X	217 136 271 070
3161101451	Leather, garment (sides), except offal and wetling, cattle hide and kip side, full grain and grain split .....	2002.. 5 1997.. 8	X X	D 18.1	D 32 316
3161101461	Leather, other grains (including flat and handbag, lining (sides), and belting and mechanical), cattle hide and kip side .....	2002.. 10 1997.. 22	X X	S 44.5	68 105 123 436
3161101471	Leather, cattle hide and kip side offal (heads, shoulders, bellies, etc.) and wetling, finished .....	2002.. 8 1997.. 13	X X	D 25.7	D 54 836
3161101481	Leather, splits (including shoulder, deep buffs, buffing, and fleshers), cattle hide and kip side, finished .....	2002.. 11 1997.. 12	X X	S 61.8	40 867 60 482
31611015	Leathers, other types (including wet blues), cattle hide and kip side, unfinished .....	2002.. N 1997.. N	X X	X X	593 098 849 644
3161101591	Leathers, wet blues, cattle hide and kip side, unfinished ... 1,000 hides (whole hide equiv) ..	2002.. 5 1997.. 14	X X	D 1 862.2	D 714 685
31611015A1	Leathers, all other types, cattle hide and kip side, unfinished .....	2002.. 10 1997.. 19	X X	D 202.8	D 134 959
31611016	Leathers, other animal types (calf, sheep, lamb, etc.), finished and unfinished .....	2002.. N 1997.. N	X X	X X	110 854 166 813
31611016B1	Leathers, all calf and whole kip, finished and unfinished .....	2002.. 2 1997.. 4	X X	D D	D D
31611016C1	Leathers, garment, sheep and lamb, finished and unfinished .....	2002.. 1 1997.. 6	X X	D 28.3	D 38 183
31611016D1	Leathers, other types (including glove, shoe, fleshers, skivers, and shearlings), except garment, sheep and lamb, finished and unfinished .....	2002.. 8 1997.. 6	X X	S 20.7	25 172 34 784
31611016E1	Leathers, other animal types (including horse, goat, pigskin, colt, mule, donkey, and pony), finished and unfinished .....	2002.. 11	X	X	54 793

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
316110	Leather and hide tanning and finishing—Con.				
3161101	Leather, finished and unfinished—Con.				
31611016	Leathers, other animal types (calf, sheep, lamb, etc.), finished and unfinished—Con.				
31611016E1	Leathers, other animal types (including horse, goat, pigskin, colt, mule, donkey, and pony), finished and unfinished—Con.				
3161101Y	Leather, finished and unfinished, nsk	1997.. 12 2002.. N	X X	X X	D 228
3161101YVW	Leather, finished and unfinished, nsk	1997.. N 2002.. N 1997.. N	X X X	X X X	7 377 228 7 377
3161104	Contract and commission receipts for tanning or finishing leather owned by others	2002.. N 1997.. N	X X	X X	89 930 131 233
31611041	Contract and commission receipts for tanning or finishing leather owned by others	2002.. N 1997.. N	X X	X X	89 930 131 233
3161104100	Contract and commission receipts for tanning or finishing leather owned by others	2002.. 20 1997.. 28	X X	X X	89 930 131 233
3161107	Furs, dressed and dyed or bleached	2002.. N 1997.. N	X X	X X	11 487 19 875
31611071	Furs, dressed and dyed or bleached	2002.. N 1997.. N	X X	X X	11 487 19 875
3161107121	Furs, dressed and dyed or bleached	2002.. 3 1997.. 8	X X	X X	6 878 8 866
3161107131	Receipts for dressing and dyeing or bleaching furs done in same plant on materials owned by others	2002.. 3 1997.. 6	X X	X X	4 609 12 009
3161107Y	Furs, dressed and dyed or bleached, nsk	2002.. N 1997.. N	X X	X X	— —
3161107YVW	Furs, dressed and dyed or bleached, nsk	2002.. N 1997.. N	X X	X X	— —
316110W	Leather and hide tanning and finishing, nsk, total	2002.. N 1997.. N	X X	X X	80 500 360 330
316110WY	Leather and hide tanning and finishing, nsk, total	2002.. N 1997.. N	X X	X X	80 500 360 330
316110WYVW	Leather and hide tanning and finishing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	19 830 240 502
316110WYVY	Leather and hide tanning and finishing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	60 670 119 828
316211	Rubber and plastics footwear manufacturing	2002.. N 1997.. N	X X	X X	480 428 899 620
3162111	Rubber and plastics footwear, protective	2002.. N 1997.. N	X X	X X	120 051 265 161
31621111	Rubber and plastics footwear, protective	2002.. N 1997.. N	X X	X X	120 051 N
3162111100	Rubber and plastics footwear, protective <sup>11</sup> mil pairs	2002.. 26 1997.. N	8.0 N	<sup>8</sup> 8.1 N	120 051 N
3162114	Rubber and plastics shoes (except sandals and slippers), soles vulcanized, molded, or cemented to fabric uppers	2002.. N 1997.. N	X X	X X	348 657 614 260
31621141	Rubber and plastics shoes (except sandals and slippers), athletic (tennis, running, basketball, etc.), soles vulcanized, molded, or cemented to fabric uppers	2002.. N 1997.. N	X X	X X	300 770 536 161
3162114110	Rubber and plastics shoes (except sandals and slippers), athletic (tennis, running, basketball, etc.), soles vulcanized, molded, or cemented to fabric uppers <sup>11</sup> mil pairs	2002.. 9 1997.. 20	9.5 X	9.6 28.8	300 770 536 161
31621142	Rubber and plastics shoes (except sandals and slippers), all other types (except athletic), soles vulcanized, molded, or cemented to fabric uppers	2002.. N 1997.. N	X X	X X	47 887 78 099
3162114210	Rubber and plastics shoes (except sandals and slippers), all other types (except athletic), soles vulcanized, molded, or cemented to fabric uppers <sup>11</sup> mil pairs	2002.. 6 1997.. 7	2.8 X	2.6 13.2	47 887 78 099
3162114Y	Rubber and plastics shoes (except sandals and slippers), soles vulcanized, molded, or cemented to fabric uppers, nsk	2002.. N 1997.. N	X X	X X	— —
3162114YVW	Rubber and plastics shoes (except sandals and slippers), soles vulcanized, molded, or cemented to fabric uppers, nsk	2002.. N 1997.. N	X X	X X	— —
316211W	Rubber and plastics footwear manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	11 720 20 199
316211WY	Rubber and plastics footwear manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	11 720 20 199
316211WYVW	Rubber and plastics footwear manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	3 579 11 764
316211WYVY	Rubber and plastics footwear manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	8 141 8 435
316212	House slipper manufacturing	2002.. N 1997.. N	X X	X X	84 618 192 446

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
316212	House slipper manufacturing—Con.				
3162120	House slippers and slipper socks .....	2002.. N	X	X	84 618
		1997.. N	X	X	192 446
31621201	Slipper socks, made from purchased socks .....	2002.. N	X	X	—
		1997.. N	X	X	D
3162120121	Slipper socks, made from purchased socks .....	2002.. —	X	—	—
	mil pairs .....	1997.. 2	X	D	D
31621202	House slippers, all types, except slipper socks .....	2002.. N	X	X	81 990
		1997.. N	X	X	N
3162120210	House slippers, all types, except slipper socks <sup>11</sup> .....	2002.. 9	20.7	20.7	81 990
	mil pairs .....	1997.. N	N	N	N
3162120Y	House slippers and slipper socks, nsk, total .....	2002.. N	X	X	2 628
		1997.. N	X	X	16 990
3162120YWW	House slippers and slipper socks, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	1 068
		1997.. N	X	X	12 753
3162120YWY	House slippers and slipper socks, nsk, for administrative-record establishments .....	2002.. N	X	X	1 560
		1997.. N	X	X	4 237
316213	Men's footwear (except athletic) manufacturing .....	2002.. N	X	X	956 807
		1997.. N	X	X	1 679 921
3162130	Men's footwear (size 6 and larger), except athletic .....	2002.. N	X	X	956 807
		1997.. N	X	X	1 679 921
31621301	Men's footwear (size 6 and larger), except athletic .....	2002.. N	X	X	925 155
		1997.. N	X	X	1 655 480
3162130100	Men's footwear (size 6 and larger), except athletic <sup>11</sup> .....	2002.. 45	16.6	P16.7	925 155
	mil pairs .....	1997.. 78	N	P33.8	1 655 480
3162130Y	Men's footwear (size 6 and larger), except athletic, nsk, total .....	2002.. N	X	X	31 652
		1997.. N	X	X	24 441
3162130YWW	Men's footwear (size 6 and larger), except athletic, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	20 213
		1997.. N	X	X	19
3162130YWY	Men's footwear (size 6 and larger), except athletic, nsk, for administrative-record establishments .....	2002.. N	X	X	11 439
		1997.. N	X	X	24 422
316214	Women's footwear (except athletic) manufacturing .....	2002.. N	X	X	263 398
		1997.. N	X	X	744 752
3162140	Women's footwear (size 4 and larger), except athletic .....	2002.. N	X	X	263 398
		1997.. N	X	X	744 752
31621401	Women's footwear (size 4 and larger), except athletic .....	2002.. N	X	X	257 577
		1997.. N	X	X	735 779
3162140100	Women's footwear (size 4 and larger), except athletic <sup>11</sup> .....	2002.. 41	8.2	S	257 577
	mil pairs .....	1997.. 76	X	28.6	735 779
3162140Y	Women's footwear (size 4 and larger), except athletic, nsk, total .....	2002.. N	X	X	5 821
		1997.. N	X	X	8 973
3162140YWW	Women's footwear (size 4 and larger), except athletic, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	1 790
		1997.. N	X	X	—
3162140YWY	Women's footwear (size 4 and larger), except athletic, nsk, for administrative-record establishments .....	2002.. N	X	X	4 031
		1997.. N	X	X	8 973
316219	Other footwear manufacturing .....	2002.. N	X	X	135 233
		1997.. N	X	X	219 630
3162190	Other footwear, except rubber .....	2002.. N	X	X	135 233
		1997.. N	X	X	219 630
31621903	Athletic shoes, except rubber sole-fabric upper combinations .....	2002.. N	X	X	37 964
		1997.. N	X	X	N
3162190311	Athletic shoes, except rubber sole-fabric upper combinations <sup>11</sup> .....	2002.. 6	D	.9	37 964
	mil pairs .....	1997.. N	N	N	N
31621904	All other footwear, except rubber footwear and slippers .....	2002.. N	X	X	88 612
		1997.. N	X	X	N
3162190411	All other footwear, except rubber footwear and slippers <sup>11</sup> .....	2002.. 24	7.7	S	88 612
	mil pairs .....	1997.. N	N	N	N
3162190Y	Other footwear, except rubber, nsk, total .....	2002.. N	X	X	8 657
		1997.. N	X	X	39 063
3162190YWW	Other footwear, except rubber, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	906
		1997.. N	X	X	28 155
3162190YWY	Other footwear, except rubber, nsk, for administrative-record establishments .....	2002.. N	X	X	7 751
		1997.. N	X	X	10 908
316991	Luggage manufacturing .....	2002.. N	X	X	508 453
		1997.. N	X	X	1 096 427
3169910	Luggage .....	2002.. N	X	X	508 453
		1997.. N	X	X	1 096 427
31699101	Suitcases, briefcases, and garment bags, made of leather, textile, vinyl, and plastic .....	2002.. N	X	X	461 607
		1997.. N	X	X	1 020 910
3169910111	Suitcases (Pullmans), structured, 22 inches and larger, outer surface of all or mostly leather .....	2002.. 7	X	S	20 060
	thousands .....	1997.. 13	X	1 122.6	82 138
3169910121	Suitcases (Pullmans), structured, 22 inches and larger, outer surface of all or mostly textile materials .....	2002.. 15	X	S	30 396
	thousands .....	1997.. 13	X	3 639.7	136 472
3169910131	Suitcases (Pullmans), structured, 22 inches and larger, outer surface of supported vinyl or plastics .....	2002.. 3	X	17.2	3 845
	thousands .....	1997.. 7	X	D	D
3169910141	Suitcases (Pullmans), structured, 22 inches and larger, molded and semimolded .....	2002.. 1	X	D	D
	thousands .....	1997.. 1	X	D	D
3169910143	Suitcases (Pullmans), structured, 22 inches and larger, all other materials .....	2002.. 3	X	17.5	1 843
	thousands .....	1997.. 4	X	10.1	1 017

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments			
				Quantity	Value (\$1,000)		
316991	Luggage manufacturing—Con.						
3169910	Luggage—Con.						
31699101	Suitcases, briefcases, and garment bags, made of leather, textile, vinyl, and plastic—Con.						
3169910144	Suitcases, structured, less than 22 inches, outer surface of all or mostly leather . . . . .	thousands . . . . .	2002 . . . . .	5	X	43.1	2 043
			1997 . . . . .	2	X	D	D
3169910149	Suitcases, structured, less than 22 inches, outer surface of all or mostly textile materials . . . . .	thousands . . . . .	2002 . . . . .	4	X	S	5 168
			1997 . . . . .	4	X	202.3	14 658
3169910152	Suitcases, structured, less than 22 inches, outer surface of supported vinyl or plastics . . . . .	thousands . . . . .	2002 . . . . .	1	X	D	D
			1997 . . . . .	3	X	129.7	1 774
3169910154	Suitcases, structured, less than 22 inches, molded and semimolded . . . . .	thousands . . . . .	2002 . . . . .	—	X	—	—
			1997 . . . . .	1	X	D	D
3169910156	Suitcases, structured, less than 22 inches, all other materials . . . . .	thousands . . . . .	2002 . . . . .	—	X	—	—
			1997 . . . . .	2	X	D	D
3169910159	Travel bags (including casual, unstructured totes, soft carry-ons, overnight, duffels, and roll), except suitcases, outer surface of all or mostly leather materials . . . . .	thousands . . . . .	2002 . . . . .	12	X	S	23 036
			1997 . . . . .	N	X	N	N
3169910161	Travel bags (including casual, unstructured totes, soft carry-ons, overnight, duffels, and roll), except suitcases, all other materials (including textile) . . . . .	thousands . . . . .	2002 . . . . .	23	X	S	49 029
			1997 . . . . .	N	X	N	N
3169910162	Garment bags (suit bags), outer surface of all or mostly textile materials . . . . .	thousands . . . . .	2002 . . . . .	5	X	S	8 329
			1997 . . . . .	9	X	901.9	53 392
3169910175	Garment bags (suit bags), all other materials . . . . .	thousands . . . . .	2002 . . . . .	3	X	S	2 579
			1997 . . . . .	3	X	59.0	3 435
3169910191	Sports bags, including bags dedicated to a particular sport and general purpose gym bags, outer surface of all or mostly leather . . . . .	thousands . . . . .	2002 . . . . .	3	X	46.7	1 453
			1997 . . . . .	N	X	N	N
3169910196	Sports bags, including bags dedicated to a particular sport and general purpose gym bags, all other materials (including textile) . . . . .	thousands . . . . .	2002 . . . . .	17	X	S	17 683
			1997 . . . . .	N	X	N	N
31699101B1	Backpacks (daypacks), outer surface of all or mostly leather . . . . .	thousands . . . . .	2002 . . . . .	4	X	S	7 517
			1997 . . . . .	N	X	N	N
31699101B6	Backpacks (daypacks), all other materials (including textile) . . . . .	thousands . . . . .	2002 . . . . .	24	X	P2 360.3	51 285
			1997 . . . . .	N	X	N	N
31699101D1	Computer bags, outer surface of all or mostly leather . . . . .	thousands . . . . .	2002 . . . . .	3	X	S	3 444
			1997 . . . . .	N	X	N	N
31699101D6	Computer bags, all other materials (including textile) . . . . .	thousands . . . . .	2002 . . . . .	9	X	S	23 889
			1997 . . . . .	N	X	N	N
31699101F2	Business cases (including attaches, briefcases, and portfolios), outer surface of all or mostly leather . . . . .	thousands . . . . .	2002 . . . . .	11	X	S	13 354
			1997 . . . . .	26	X	454.8	35 340
31699101F3	Business cases (including attaches, briefcases, and portfolios), outer surface of all or mostly textile materials . . . . .	thousands . . . . .	2002 . . . . .	8	X	S	23 455
			1997 . . . . .	24	X	912.3	33 323
31699101F5	Business cases (including attaches, briefcases, and portfolios), molded or semimolded . . . . .	thousands . . . . .	2002 . . . . .	4	X	D	D
			1997 . . . . .	9	X	778.9	32 205
31699101F6	Business cases (including attaches, briefcases, and portfolios), all other materials . . . . .	thousands . . . . .	2002 . . . . .	10	X	S	13 890
			1997 . . . . .	18	X	P2 188.3	35 035
31699101G1	Luggage, all other types, outer surface of all or mostly leather . . . . .	thousands . . . . .	2002 . . . . .	8	X	2 498.3	62 420
			1997 . . . . .	18	X	8 715.4	90 266
31699101G2	Luggage, all other types, outer surface of all or mostly textile materials . . . . .	thousands . . . . .	2002 . . . . .	7	X	S	31 229
			1997 . . . . .	28	X	2 198.0	45 356
31699101G3	Luggage, all other types, molded and semimolded . . . . .	thousands . . . . .	2002 . . . . .	6	X	909.1	14 517
			1997 . . . . .	10	X	3 251.1	49 999
31699101G4	Luggage, all other types, all other materials . . . . .	thousands . . . . .	2002 . . . . .	10	X	S	29 977
			1997 . . . . .	20	X	13 355.2	51 638
3169910Y	Luggage, nsk, total . . . . .	thousands . . . . .	2002 . . . . .	N	X	X	46 846
			1997 . . . . .	N	X	X	75 517
3169910YWW	Luggage, nsk, for nonadministrative-record establishments . . . . .	thousands . . . . .	2002 . . . . .	N	X	X	16 943
			1997 . . . . .	N	X	X	42 681
3169910YWY	Luggage, nsk, for administrative-record establishments . . . . .	thousands . . . . .	2002 . . . . .	N	X	X	29 903
			1997 . . . . .	N	X	X	32 836
316992	Women's handbag and purse manufacturing . . . . .	thousands . . . . .	2002 . . . . .	N	X	X	211 113
			1997 . . . . .	N	X	X	250 951
3169920	Women's and children's handbags and purses . . . . .	thousands . . . . .	2002 . . . . .	N	X	X	211 113
			1997 . . . . .	N	X	X	250 951
31699201	Women's and children's handbags and purses, leather, plastic, and vinyl (except precious metal) . . . . .	thousands . . . . .	2002 . . . . .	N	X	X	201 365
			1997 . . . . .	N	X	X	213 671
3169920111	Women's and children's handbags and purses, outer surface of all or mostly leather . . . . .	thousands . . . . .	2002 . . . . .	24	X	P3 428.2	129 717
			1997 . . . . .	36	X	9 757.0	158 360
3169920121	Women's and children's handbags and purses, outer surface of all or mostly plastics (including vinyl) . . . . .	thousands . . . . .	2002 . . . . .	7	X	S	6 487
			1997 . . . . .	12	X	2 377.3	21 099
3169920131	Women's and children's handbags and purses, all other materials (except precious metals) . . . . .	thousands . . . . .	2002 . . . . .	14	X	P3 083.1	65 161
			1997 . . . . .	8	X	2 766.2	34 212
3169920Y	Women's and children's handbags and purses, nsk, total . . . . .	thousands . . . . .	2002 . . . . .	N	X	X	9 748
			1997 . . . . .	N	X	X	37 280
3169920YWW	Women's and children's handbags and purses, nsk, for nonadministrative-record establishments . . . . .	thousands . . . . .	2002 . . . . .	N	X	X	3 649
			1997 . . . . .	N	X	X	24 322

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
316992	Women's handbag and purse manufacturing—Con.				
3169920	Women's and children's handbags and purses—Con.				
3169920Y	Women's and children's handbags and purses, nsk, total—Con.				
3169920YWY	Women's and children's handbags and purses, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	6 099 12 958
316993	Personal leather good (except women's handbag and purse) manufacturing	2002.. N 1997.. N	X X	X X	289 282 494 453
3169930	All other personal leather goods	2002.. N 1997.. N	X X	X X	289 282 494 453
31699301	Billfolds, wallets, French purses, clutches and instrument cases	2002.. N 1997.. N	X X	X X	108 570 239 603
3169930111	Billfolds, wallets, French purses, and clutches, all or mostly leather	..thousands.. 2002.. 28 1997.. 46	X X	S 20 253.8	80 603 221 787
3169930121	Billfolds, wallets, French purses, and clutches, all other materials (plastics, fiber, etc.)	..thousands.. 2002.. 11 1997.. 14	X X	S 3 695.5	27 967 17 816
31699302	Other personal leather goods (travel kits, jewelry boxes and cases, compacts, vanity cases, etc.)	2002.. N 1997.. N	X X	X X	147 343 238 318
3169930231	Personal travel kits, fitted and unfitted, leather	..thousands.. 2002.. 12 1997.. 13	X X	S 2 639.7	54 100 24 751
3169930241	Personal jewelry boxes and cases, pocket size, leather	..thousands.. 2002.. 10 1997.. 11	X X	D D	D D
3169930251	Personal compacts and vanity cases, outer surface of all or mostly leather	..thousands.. 2002.. — 1997.. 1	X X	D D	D D
3169930265	Other personal goods, all other types (including key, cigarette, eyeglass, and pass-cardcases), all or mostly leather	2002.. 22 1997.. N	X X	X X	23 448 N
3169930275	Other personal goods, all other types (including key, cigarette, eyeglass, and pass card cases), all other materials (except leather)	2002.. 16 1997.. N	X X	X X	33 021 N
3169930281	Instrument cases, all types	2002.. 13 1997.. N	X X	X X	18 458 N
3169930Y	All other personal leather goods, nsk, total	2002.. N 1997.. N	X X	X X	33 369 16 532
3169930YWW	All other personal leather goods, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	14 998 6 834
3169930YWY	All other personal leather goods, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	18 371 9 698
316999	All other leather good manufacturing	2002.. N 1997.. N	X X	X X	637 209 791 121
3169991	Boot and shoe cut stock and findings	2002.. N 1997.. N	X X	X X	78 345 165 174
31699911	Boot and shoe cut stock and findings	2002.. N 1997.. N	X X	X X	78 345 165 174
3169991111	Boot and shoe cut stock and findings, outer soles and innersoles of leather	..mil dozen pairs.. 2002.. 13 1997.. 11	X X	9.8 1.3	39 549 57 389
3169991121	Boot and shoe cut stock, other types (heels, counters, box toes, taps, etc.), leather	2002.. 13 1997.. 12	X X	X X	14 418 D
3169991131	Heel blocks, wood, sold as such	2002.. 5 1997.. 2	X X	X X	13 869 D
3169991141	Boot and shoe cut stock and finding, all other types (shanks, welting, etc.), all other materials	2002.. 7 1997.. 15	X X	X X	10 509 42 547
3169991Y	Boot and shoe cut stock and findings, nsk	2002.. N 1997.. N	X X	X X	— —
3169991YWV	Boot and shoe cut stock and findings, nsk	2002.. N 1997.. N	X X	X X	— —
3169994	All other miscellaneous leather goods	2002.. N 1997.. N	X X	X X	478 157 574 335
31699941	Pet accessories (saddlery, harness and accouterment, dog collars, leashes, etc.), leather	2002.. N 1997.. N	X X	X X	235 129 222 006
3169994121	Saddlery, harness, and accouterments, leather	2002.. 51 1997.. 65	X X	X X	137 395 108 070
3169994141	Household pet accessories (dog collars, leashes, etc.), leather	2002.. 17 1997.. 24	X X	X X	97 734 113 936
31699942	Other leather goods (novelties, belting, desk sets, holsters, etc.)	2002.. N 1997.. N	X X	X X	240 667 352 329
3169994211	Novelties, leather	2002.. 13 1997.. 28	X X	X X	56 100 101 915
3169994231	Industrial belting and other industrial products, made wholly or mostly of leather	2002.. 14 1997.. 21	X X	X X	52 253 123 504
3169994251	Other leather goods, all other types (desk sets, holsters, etc.)	2002.. 36 1997.. 60	X X	X X	132 314 126 910
3169994Y	All other miscellaneous leather goods, nsk	2002.. N 1997.. N	X X	X X	2 361 —
3169994YWV	All other miscellaneous leather goods, nsk	2002.. N 1997.. N	X X	X X	2 361 —
316999W	All other leather good manufacturing, nsk, total	2002.. N	X	X	80 707

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**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
316999	All other leather good manufacturing—Con.				
316999W	All other leather good manufacturing, nsk, total—Con.				
		1997..	N	X	X 51 612
316999WY	All other leather good manufacturing, nsk, total	2002..	N	X	X 80 707
		1997..	N	X	X 51 612
316999WYWW	All other leather good manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	X 38 939
		1997..	N	X	X 21 927
316999WYWY	All other leather good manufacturing, nsk, for administrative-record establishments	2002..	N	X	X 41 768
		1997..	N	X	X 29 685
321113	Sawmills	2002..	N	X	X 20 236 097
		1997..	N	X	X 23 320 321
3211131	Lumber, hardwood, made in sawmills	2002..	N	X	X 3 783 369
		1997..	N	X	X 3 954 467
32111311	Lumber, hardwood, made in sawmills	2002..	N	X	X 3 138 446
		1997..	N	X	X 3 001 601
3211131111	Lumber, rough, beech, not edge worked, made in sawmills	2002..	37	X	X 54 654
		1997..	64	X	X 58 003
3211131121	Lumber, rough, oak, not edge worked, made in sawmills	2002..	429	X	<sup>q1</sup> 686.1 1 101 486
		1997..	664	X	<sup>q1</sup> 940.2 1 226 107
3211131131	Lumber, rough, other hardwood, not edge worked, made in sawmills	2002..	546	X	S 1 625 219
		1997..	696	X	<sup>q2</sup> 428.4 1 342 571
3211131141	Lumber, hardwood, dressed, not edge worked, made in sawmills	2002..	80	X	S 357 087
		1997..	85	X	<sup>q538.7</sup> 374 920
3211131Y	Lumber, hardwood, made in sawmills, nsk	2002..	N	X	X 644 923
		1997..	N	X	X 952 866
3211131YWV	Lumber, hardwood, made in sawmills, nsk	2002..	N	X	X 644 923
		1997..	N	X	X 952 866
3211133	Lumber, softwood, made in sawmills	2002..	N	X	X 11 128 870
		1997..	N	X	X 14 038 252
32111331	Lumber, softwood, made in sawmills	2002..	N	X	X 3 153 376
		1997..	N	X	X 2 729 306
3211133111	Lumber, softwood, rough, less than 2 inches in nominal thickness, not edge worked, made in sawmills	2002..	204	X	S 713 187
		1997..	262	X	D D
3211133121	Lumber, softwood, rough, 2 inches in nominal thickness, not edge worked, made in sawmills	2002..	160	X	<sup>p6</sup> 139.1 1 917 210
		1997..	160	X	D D
3211133131	Lumber, including timbers, softwood, rough, greater than 2 inches in nominal thickness, not edge worked, made in sawmills	2002..	149	X	<sup>q1</sup> 381.3 522 979
		1997..	175	X	S 444 830
32111332	Lumber, softwood, dressed, less than 2 inches in nominal thickness, not edge worked, made in sawmills	2002..	N	X	X 1 231 838
		1997..	N	X	X 1 866 654
3211133241	Lumber, softwood, dressed, less than 2 inches in nominal thickness, not edge worked, made in sawmills	2002..	156	X	2 740.5 1 231 838
		1997..	193	X	3 638.3 1 866 654
32111333	Lumber, softwood, dressed, 2 inches in nominal thickness, not edge worked, made in sawmills	2002..	N	X	X 5 224 628
		1997..	N	X	X 6 351 987
3211133351	Lumber, softwood, dressed, 2 inches in nominal thickness, not edge worked, made in sawmills	2002..	157	X	16 968.7 5 224 628
		1997..	185	X	16 178.2 6 351 987
32111334	Lumber, including timbers, softwood, dressed, greater than 2 inches in nominal thickness, not edge worked, made in sawmills	2002..	N	X	X 716 053
		1997..	N	X	X 984 059
3211133461	Lumber, including timbers, softwood, dressed, greater than 2 inches in nominal thickness, not edge worked, made in sawmills	2002..	101	X	1 902.3 716 053
		1997..	116	X	2 139.7 984 059
3211133Y	Lumber, softwood, made in sawmills, nsk	2002..	N	X	X 802 975
		1997..	N	X	X 2 106 246
3211133YWV	Lumber, softwood, made in sawmills, nsk	2002..	N	X	X 802 975
		1997..	N	X	X 2 106 246
3211135	Wood chips, except field	2002..	N	X	X 1 769 824
		1997..	N	X	X 2 593 967
32111351	Wood chips, except field, measured in short tons	2002..	N	X	X 1 290 224
		1997..	N	X	X 1 663 958
3211135111	Wood chips, softwood, except field, measured in short tons	2002..	251	X	<sup>q34</sup> 793.5 930 906
		1997..	329	X	<sup>p39</sup> 407.6 1 166 449
3211135121	Wood chips, hardwood, except field, measured in short tons	2002..	291	X	S 359 318
		1997..	400	X	S 497 509
32111352	Wood chips, except field, measured in standard units (one standard unit, 200 cu ft of gravity packed chips, one standard cord)	2002..	N	X	X 338 518
		1997..	N	X	X 694 110
3211135231	Wood chips, except field, softwood, measured in standard units (one standard unit, 200 cu ft of gravity packed chips, one standard cord)	2002..	82	X	S 282 651
		1997..	145	X	S 509 589
3211135241	Wood chips, except field, hardwood, measured in standard units (one standard unit, 200 cu ft of gravity packed chips, one standard cord)	2002..	42	X	S 55 867
		1997..	80	X	S 184 521
3211135Y	Wood chips, except field, nsk	2002..	N	X	X 141 082
		1997..	N	X	X 235 899
3211135YWV	Wood chips, except field, nsk	2002..	N	X	X 141 082
		1997..	N	X	X 235 899
3211137	Wood ties, siding, shingles, shakes and contract sawing of logs owned by others	2002..	N	X	X 252 102

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
321113	Sawmills—Con.					
3211137	Wood ties, siding, shingles, shakes and contract sawing of logs owned by others—Con.					
		1997..	N	X	X	239 072
32111371	Wood ties, siding, shingles, shakes and contract sawing of logs owned by others .....	2002..	N	X	X	250 450
		1997..	N	X	X	180 094
3211137111	Wood railway crossties and mine ties, untreated .....	2002..	101	X	S	99 958
		1997..	79	X	S	64 285
3211137121	Wood siding, weatherboards and clapboards, including drilled and treated, except treated with permanent wood preservatives .....	2002..	8	X	S	9 351
		1997..	21	X	S	75 357
3211137131	Wood shingles and shakes .....	2002..	12	X	S	14 522
		1997..	16	X	S	11 138
3211137141	Receipts for contract or custom sawing of logs owned by others .....	2002..	19	X	X	126 619
		1997..	33	X	X	29 314
3211137Y	Wood ties, siding, shingles, shakes and contract sawing of logs owned by others, nsk .....	2002..	N	X	X	1 652
		1997..	N	X	X	58 978
3211137YV	Wood ties, siding, shingles, shakes and contract sawing of logs owned by others, nsk .....	2002..	N	X	X	1 652
		1997..	N	X	X	58 978
321113W	Sawmills, nsk, total .....	2002..	N	X	X	3 301 932
		1997..	N	X	X	2 494 563
321113WY	Sawmills, nsk, total .....	2002..	N	X	X	3 301 932
		1997..	N	X	X	2 494 563
321113WYV	Sawmills, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	2 570 962
		1997..	N	X	X	1 982 747
321113WYVY	Sawmills, nsk, for administrative-record establishments .....	2002..	N	X	X	730 970
		1997..	N	X	X	511 816
321114	Wood preservation .....	2002..	N	X	X	4 179 455
		1997..	N	X	X	4 377 047
3211141	Wood poles, piles, and posts, owned and treated by the same establishment .....	2002..	N	X	X	920 410
		1997..	N	X	X	561 544
32111411	Wood poles, piles, and posts, owned and treated by the same establishment .....	2002..	N	X	X	840 720
		1997..	N	X	X	401 735
3211141121	Wood poles, piles, and posts, owned and treated with arsenical chemicals by the same establishment, less than or equal to 15 feet in length .....	2002..	39	X	S	413 991
		1997..	23	X	97.7	44 542
3211141133	Wood poles, piles, and posts, owned and treated with pentachlorophenol or other chemicals by the same establishment, less than or equal to 15 feet in length .....	2002..	13	X	S	25 907
		1997..	N	X	N	N
3211141141	Wood poles, piles, and posts, owned and treated with pentachlorophenol by the same establishment, greater than 15 feet in length .....	2002..	18	X	S	165 341
		1997..	16	X	P16.5	151 086
3211141151	Wood poles, piles, and posts, owned and treated with arsenical chemicals by the same establishment, greater than 15 feet in length .....	2002..	29	X	P20.2	139 641
		1997..	27	X	12.3	86 616
3211141161	Wood poles, piles, and posts, owned and treated with creosote by the same establishment, greater than 15 feet in length .....	2002..	12	X	96.6	54 892
		1997..	14	X	98.6	63 122
3211141171	Wood poles, piles, and posts owned and treated with other chemicals by the same establishment, greater than 15 feet in length .....	2002..	10	X	S	40 948
		1997..	5	X	S	33 963
3211141Y	Wood poles, piles, and posts, owned and treated by the same establishment, nsk .....	2002..	N	X	X	79 690
		1997..	N	X	X	159 809
3211141YV	Wood poles, piles, and posts, owned and treated by the same establishment, nsk .....	2002..	N	X	X	79 690
		1997..	N	X	X	159 809
3211145	Other wood products, owned and treated by the same establishment .....	2002..	N	X	X	2 823 627
		1997..	N	X	X	3 339 717
32111451	Other wood products, owned and treated by the same establishment .....	2002..	N	X	X	2 585 909
		1997..	N	X	X	2 888 085
3211145111	Wood railway crossties and mine ties, except switch and bridge, owned and treated by the same establishment .....	2002..	27	X	S	457 283
		1997..	17	X	P433.3	223 225
3211145121	Lumber, not edge worked, rough and dressed, interior and exterior, owned and treated with fire-retardant by the same establishment .....	2002..	21	X	S	176 336
		1997..	9	X	95.3	68 347
3211145131	Lumber, not edge worked, rough and dressed, owned and treated with pentachlorophenol by the same establishment .....	2002..	8	X	S	43 396
		1997..	8	X	9103.1	56 994
3211145141	Lumber, not edge worked, rough and dressed, owned and treated with arsenical chemicals by the same establishment .....	2002..	60	X	92 960.9	1 389 190
		1997..	90	X	4 090.1	2 266 669
3211145151	Lumber, not edge worked, rough and dressed, owned and treated with other chemicals by the same establishment .....	2002..	24	X	X	168 872
		1997..	12	X	X	55 913
3211145161	Wood siding, flooring, and other edge worked lumber, owned and treated by the same establishment .....	2002..	9	X	S	30 744
		1997..	13	X	84.2	66 730

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321114	Wood preservation—Con.				
3211145	Other wood products, owned and treated by the same establishment—Con.				
32111451	Other wood products, owned and treated by the same establishment—Con.				
3211145171	Wood switch and bridge ties, owned and treated by the same establishment . . . . . mil bd ft. . . . .	2002 . . . . . 9 1997 . . . . . 9	X X	S 52.2	62 451 41 761
3211145191	Other wood products, including plywood and sawn wood fence pickets, paling, and rails, owned and treated by the same establishment . . . . .	2002 . . . . . 29 1997 . . . . . 33	X X	X X	257 637 108 446
3211145Y	Other wood products, owned and treated by the same establishment, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	237 718 451 632
3211145YVV	Other wood products, owned and treated by the same establishment, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	237 718 451 632
3211149	Contract wood preservation . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	165 571 125 584
32111491	Contract wood preservation . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	162 617 123 043
3211149111	Receipts for treating wood owned by others with arsenical chemicals . . . . .	2002 . . . . . 31 1997 . . . . . 42	X X	X X	37 826 42 117
3211149121	Receipts for treating wood owned by others with creosote . . . . .	2002 . . . . . 6 1997 . . . . . 7	X X	X X	96 819 64 423
3211149191	Receipts for treating wood owned by others with other chemicals, including fire-retardant and pentachlorophenol . . . . .	2002 . . . . . 16 1997 . . . . . 16	X X	X X	27 972 16 503
3211149Y	Contract wood preservation, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 954 2 541
3211149YVV	Contract wood preservation, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 954 2 541
321114W	Wood preservation, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	269 847 350 202
321114WY	Wood preservation, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	269 847 350 202
321114WYVV	Wood preservation, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	99 918 210 399
321114WYVY	Wood preservation, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	169 929 139 803
321211	Hardwood veneer and plywood manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 988 408 2 741 916
3212111	Hardwood veneer, including veneer backed with paper, cloth, or other flexible material . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 121 230 967 784
32121111	Oak veneer, including veneer backed with paper, cloth, or other flexible material . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	314 616 301 239
3212111111	Oak veneer, including veneer backed with paper, cloth, or other flexible material . . . . . mil sq ft sm. . . . .	2002 . . . . . 67 1997 . . . . . 64	X X	<sup>q1</sup> 881.3 S	314 616 301 239
321211112	Hardwood veneer, except oak, including veneer backed with paper, cloth, or other flexible material . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	712 279 512 150
3212111221	Birch veneer, including veneer backed with paper, cloth, or other flexible material . . . . . mil sq ft sm. . . . .	2002 . . . . . 21 1997 . . . . . 19	X X	S S	60 714 54 455
3212111231	Maple veneer, including veneer backed with paper, cloth, or other flexible material . . . . . mil sq ft sm. . . . .	2002 . . . . . 47 1997 . . . . . 39	X X	S S	179 567 113 308
3212111241	Walnut veneer, including veneer backed with paper, cloth, or other flexible material . . . . . mil sq ft sm. . . . .	2002 . . . . . 28 1997 . . . . . 26	X X	S S	34 691 28 572
3212111251	Other domestic hardwood veneers, including veneers backed with paper, cloth, or other flexible material . . . . . mil sq ft sm. . . . .	2002 . . . . . 71 1997 . . . . . 83	X X	S S	418 434 299 203
3212111261	Imported hardwood veneers, including veneers backed with paper, cloth, or other flexible material . . . . . mil sq ft sm. . . . .	2002 . . . . . 16 1997 . . . . . 13	X X	<sup>q46.5</sup> S	18 873 16 612
3212111Y	Hardwood veneer, including veneer backed with paper, cloth, or other flexible material, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	94 335 154 395
3212111YVV	Hardwood veneer, including veneer backed with paper, cloth, or other flexible material, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	94 335 154 395
3212113	Hardwood plywood, except prefinished made from purchased . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 049 725 1 178 478
32121131	Hardwood plywood, veneer core, except prefinished made from purchased . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	779 048 841 484
3212113111	Hardwood plywood, veneer core, except prefinished made from purchased . . . . . mil sq ft sm. . . . .	2002 . . . . . 42 1997 . . . . . 46	X X	<sup>P1</sup> 000.4 S	779 048 841 484
32121132	Hardwood plywood, except veneer core and prefinished made from purchased . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	227 760 311 276
3212113221	Hardwood plywood, particleboard core, except prefinished made from purchased . . . . . mil sq ft sm. . . . .	2002 . . . . . 22 1997 . . . . . 23	X X	S S	104 972 153 628
3212113231	Hardwood plywood, medium density fiberboard (MDF) core, except prefinished made from purchased . . . . . mil sq ft sm. . . . .	2002 . . . . . 23 1997 . . . . . 23	X X	<sup>q121.3</sup> S	106 806 139 729

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321211	Hardwood veneer and plywood manufacturing—Con.				
3212113	Hardwood plywood, except prefinished made from purchased—Con.				
3212113Z	Hardwood plywood, except veneer core and prefinished made from purchased—Con.				
3212113Z91	Hardwood plywood (including lumber, hardboard, oriented strand board and wafer board), except core and prefinished made from purchased . . . . . mil sq ft sm. . . . .	2002 . . . . . 12 1997 . . . . . 13	X X	S S	15 982 17 919
3212113Y	Hardwood plywood, except prefinished made from purchased, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	42 917 25 718
3212113YWV	Hardwood plywood, except prefinished made from purchased, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	42 917 25 718
3212115	Hardwood plywood, prefinished, made from purchased . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	131 971 153 347
32121151	Hardwood plywood, prefinished, made from purchased . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	131 971 153 347
3212115100	Hardwood plywood, prefinished, made from purchased . . . . . mil sq ft sm. . . . .	2002 . . . . . 11 1997 . . . . . 22	X X	S S	131 971 153 347
3212117	Hardwood plywood-type products . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	476 011 215 480
32121171	Hardwood veneered panels, including two-ply veneers . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	358 167 151 711
3212117111	Hardwood veneered panels, including two-ply veneers . . . . . mil sq ft sm. . . . .	2002 . . . . . 48 1997 . . . . . 24	X X	S S	358 167 151 711
32121172	Hardwood plywood-type products, other types, including cellular panels and curved and molded plywood . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	113 143 48 155
3212117291	Hardwood plywood-type products, other types, including cellular panels and curved and molded plywood . . . . . mil sq ft sm. . . . .	2002 . . . . . 18 1997 . . . . . 21	X X	S S	113 143 48 155
3212117Y	Hardwood plywood-type products, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	4 701 15 614
3212117YWV	Hardwood plywood-type products, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	4 701 15 614
321211W	Hardwood veneer and plywood manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	209 471 226 827
321211WY	Hardwood veneer and plywood manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	209 471 226 827
321211WYWW	Hardwood veneer and plywood manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	130 756 141 407
321211WYWY	Hardwood veneer and plywood manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	78 715 85 420
321212	Softwood veneer and plywood manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	4 491 503 5 023 144
3212121	Softwood veneer, including veneer backed with paper, cloth, or other flexible material . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	867 204 754 456
32121211	Softwood veneer, including veneer backed with paper, cloth, or other flexible material . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	867 204 754 456
3212121100	Softwood veneer, including veneer backed with paper, cloth, or other flexible material . . . . . mil sq ft (1 in. basis) . . . . .	2002 . . . . . 48 1997 . . . . . 58	X X	S ¶1 585.8	867 204 754 456
3212123	Softwood plywood, rough, including touch sanded, interior and exterior . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 308 338 2 957 731
32121231	Softwood plywood, rough, including touch sanded, interior, C-D exterior glue . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 067 235 1 399 845
3212123111	Softwood plywood, rough, including touch sanded, interior, C-D exterior glue . . . . . mil sq ft (3/8 in. basis) . . . . .	2002 . . . . . 23 1997 . . . . . 26	X X	¶5 407.6 6 752.9	1 067 235 1 399 845
32121232	Softwood plywood, rough, including touch sanded, interior, underlayment exterior glue . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	436 683 669 793
3212123221	Softwood plywood, rough, including touch sanded, interior, underlayment exterior glue . . . . . mil sq ft (3/8 in. basis) . . . . .	2002 . . . . . 20 1997 . . . . . 22	X X	2 024.5 2 944.2	436 683 669 793
32121233	Softwood plywood, rough, including touch sanded, interior, other types . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	312 185 223 408
3212123331	Softwood plywood, rough, including touch sanded, interior, other types . . . . . mil sq ft (3/8 in. basis) . . . . .	2002 . . . . . 16 1997 . . . . . 14	X X	S ¶1 019.4	312 185 223 408
32121235	Softwood plywood, rough, including touch sanded, exterior . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	199 124 N
3212123541	Softwood plywood, rough, including touch sanded, exterior, C-C . . . . . mil sq ft (3/8 in. basis) . . . . .	2002 . . . . . 13 1997 . . . . . N	X X	168.9 N	38 475 N
3212123551	Softwood plywood, rough, including touch sanded, exterior, C-C plugged . . . . . mil sq ft (3/8 in. basis) . . . . .	2002 . . . . . 14 1997 . . . . . N	X X	¶122.9 N	34 504 N
3212123561	Softwood plywood, rough, including touch sanded, exterior, other types . . . . . mil sq ft (3/8 in. basis) . . . . .	2002 . . . . . 9 1997 . . . . . N	X X	¶608.8 N	126 145 N
3212123Y	Softwood plywood, rough, including touch sanded, interior and exterior, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	293 111 392 265
3212123YWV	Softwood plywood, rough, including touch sanded, interior and exterior, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	293 111 392 265

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321212	Softwood veneer and plywood manufacturing—Con.				
3212125	Softwood plywood, sanded, interior and exterior .....	2002.. N	X	X	647 967
		1997.. N	X	X	805 030
32121251	Softwood plywood, sanded, interior and exterior .....	2002.. N	X	X	597 330
		1997.. N	X	X	731 293
3212125111	Softwood plywood, sanded, interior .....	2002.. 8	X	P410.3	128 602
		1997.. 1	X	D	D
3212125121	Softwood plywood, sanded, exterior, A-C .....	2002.. 14	X	P412.2	117 089
		1997.. 17	X	870.4	278 628
3212125131	Softwood plywood, sanded, exterior, B-B plyform .....	2002.. 13	X	P254.2	66 602
		1997.. 16	X	274.0	77 299
3212125141	Softwood plywood, sanded, exterior, B-C .....	2002.. 13	X	939.1	216 536
		1997.. 17	X	1 001.4	260 637
3212125151	Softwood plywood, sanded, exterior, other types .....	2002.. 13	X	S	68 501
		1997.. 13	X	D	D
3212125Y	Softwood plywood, sanded, interior and exterior, nsk .....	2002.. N	X	X	50 637
		1997.. N	X	X	73 737
3212125YVV	Softwood plywood, sanded, interior and exterior, nsk .....	2002.. N	X	X	50 637
		1997.. N	X	X	73 737
3212128	Softwood plywood specialties .....	2002.. N	X	X	624 683
		1997.. N	X	X	N
32121281	Softwood plywood specialties .....	2002.. N	X	X	624 683
		1997.. N	X	X	N
3212128111	Softwood plywood siding .....	2002.. 18	X	953.1	314 562
		1997.. N	X	N	N
3212128121	Softwood plywood overlays .....	2002.. 12	X	469.8	155 250
		1997.. N	X	N	N
3212128191	Softwood plywood specialties, other types .....	2002.. 20	X	9459.8	154 871
		1997.. N	X	N	N
3212128Y	Softwood plywood specialties, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
3212128YVV	Softwood plywood specialties, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
321212W	Softwood veneer and plywood manufacturing, nsk, total .....	2002.. N	X	X	43 311
		1997.. N	X	X	57 302
321212WY	Softwood veneer and plywood manufacturing, nsk, total .....	2002.. N	X	X	43 311
		1997.. N	X	X	57 302
321212WYWW	Softwood veneer and plywood manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	24 022
		1997.. N	X	X	28 818
321212WYWY	Softwood veneer and plywood manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	19 289
		1997.. N	X	X	28 484
321213	Engineered wood member (except truss) manufacturing .....	2002.. N	X	X	2 051 486
		1997.. N	X	X	1 326 062
3212130	Engineered wood members, except trusses .....	2002.. N	X	X	2 051 486
		1997.. N	X	X	1 326 062
32121301	Laminated veneer lumber .....	2002.. N	X	X	566 542
		1997.. N	X	X	314 631
3212130111	Laminated veneer lumber .....	2002.. 44	X	S	566 542
		1997.. 6	X	20.3	314 631
32121302	Engineered wood members, structural, other types, except trusses and laminated veneer lumber .....	2002.. N	X	X	1 383 695
		1997.. N	X	X	1 011 431
3212130221	Glued laminated timber, beams .....	2002.. 44	X	S	202 892
		1997.. 29	X	326.4	333 364
3212130231	Wood I-joists, I-beams .....	2002.. 66	X	S	845 405
		1997.. 8	X	520.9	515 751
3212130241	Engineered wood members, structural, all other types .....	2002.. 40	X	S	335 398
		1997.. 9	X	S	162 316
3212130Y	Engineered wood members, except trusses, nsk, total .....	2002.. N	X	X	101 249
		1997.. N	X	X	—
3212130YWW	Engineered wood members, except trusses, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	78 797
		1997.. N	X	X	—
3212130YWY	Engineered wood members, except trusses, nsk, for administrative-record establishments .....	2002.. N	X	X	22 452
		1997.. N	X	X	—
321214	Truss manufacturing .....	2002.. N	X	X	4 218 869
		1997.. N	X	X	3 487 428
3212140	Wood trusses .....	2002.. N	X	X	4 218 869
		1997.. N	X	X	3 487 428
32121401	Wood trusses .....	2002.. N	X	X	3 333 871
		1997.. N	X	X	2 653 757
3212140111	Wood trusses, roof, metal plate connected .....	2002.. 498	X	X	2 841 522
		1997.. 542	X	X	2 278 358
3212140121	Wood trusses, floor, metal plate connected .....	2002.. 261	X	X	474 297
		1997.. 239	X	X	364 410
3212140131	Wood trusses, other types .....	2002.. 18	X	X	18 052
		1997.. 12	X	X	10 989
3212140Y	Wood trusses, nsk, total .....	2002.. N	X	X	884 998
		1997.. N	X	X	833 671
3212140YWW	Wood trusses, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	756 142
		1997.. N	X	X	756 227
3212140YWY	Wood trusses, nsk, for administrative-record establishments .....	2002.. N	X	X	128 856
		1997.. N	X	X	77 444
321219	Reconstituted wood product manufacturing .....	2002.. N	X	X	5 670 063
		1997.. N	X	X	5 159 801
3212191	Particleboard, made from particleboard produced at the same establishment .....	2002.. N	X	X	1 203 134
		1997.. N	X	X	1 270 675

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321219	Reconstituted wood product manufacturing—Con.				
3212191	Particleboard, made from particleboard produced at the same establishment—Con.				
32121911	Particleboard, industrial, including commercial and shelving, made from particleboard produced at the same establishment	2002.. N 1997.. N	X X	X X	945 293 1 040 834
3212191111	Particleboard, industrial, including commercial and shelving, made from particleboard produced at the same establishment	2002.. 24 1997.. 20	X X	P3 738.8 3 723.0	945 293 1 040 834
32121912	Particleboard, non-industrial, made from particleboard produced at the same establishment	2002.. N 1997.. N	X X	X X	174 005 161 936
3212191221	Particleboard, flooring, including underlayment and manufactured (mobile) home decking, made from particleboard produced at the same establishment	2002.. 14 1997.. 9	X X	P491.0 399.8	114 464 108 043
3212191291	Particleboard, other non-industrial types (including stepping, siding, sheathing, and door core), made from particleboard produced at the same establishment	2002.. 12 1997.. 7	X X	S 140.8	59 541 53 893
3212191Y	Particleboard, made from particleboard produced at the same establishment, nsk	2002.. N 1997.. N	X X	X X	83 836 67 905
3212191YVV	Particleboard, made from particleboard produced at the same establishment, nsk	2002.. N 1997.. N	X X	X X	83 836 67 905
3212192	Waferboard and oriented strandboard	2002.. N 1997.. N	X X	X X	1 933 582 1 249 636
32121921	Waferboard and oriented strandboard	2002.. N 1997.. N	X X	X X	1 915 406 1 208 794
3212192111	Waferboard and oriented strandboard, sheathing	2002.. 14 1997.. 13	X X	P9 292.1 6 882.1	1 262 040 796 045
3212192121	Waferboard and oriented strandboard, underlayment	2002.. 10 1997.. 8	X X	2 302.1 1 155.4	377 988 146 499
3212192191	Waferboard and oriented strandboard, other types	2002.. 11 1997.. 8	X X	P1 093.4 266 250	275 378 266 250
3212192Y	Waferboard and oriented strandboard, nsk	2002.. N 1997.. N	X X	X X	18 176 40 842
3212192YVV	Waferboard and oriented strandboard, nsk	2002.. N 1997.. N	X X	X X	18 176 40 842
3212193	Medium density fiberboard (MDF), made from MDF produced at the same establishment	2002.. N 1997.. N	X X	X X	657 842 454 350
32121931	Medium density fiberboard (MDF), made from MDF produced at the same establishment	2002.. N 1997.. N	X X	X X	657 842 431 795
3212193111	Medium density fiberboard (MDF), industrial, made from MDF produced at the same establishment	2002.. 12 1997.. 10	X X	P950.9 884.9	333 367 301 860
3212193191	Medium density fiberboard (MDF), other types, made from MDF produced at the same establishment	2002.. 13 1997.. 6	X X	1 474.0 349.0	324 475 129 935
3212193Y	Medium density fiberboard (MDF), made from MDF produced at the same establishment, nsk	2002.. N 1997.. N	X X	X X	— 22 555
3212193YVV	Medium density fiberboard (MDF), made from MDF produced at the same establishment, nsk	2002.. N 1997.. N	X X	X X	— 22 555
3212194	Hardboard, made from hardboard produced at the same establishment	2002.. N 1997.. N	X X	X X	475 013 945 403
32121941	Hardboard, made from hardboard produced at the same establishment	2002.. N 1997.. N	X X	X X	475 013 931 258
3212194115	Hardboard, except machined or coated, basic (standard, service, tempered, etc.), made from hardboard produced at the same establishment	2002.. 7 1997.. N	X X	996.7 N	116 012 N
3212194165	Hardboard, machined, coated, or laminated (molded, cut to size, perforated, panel stock, interior paneling, siding, furniture stock, etc.), made from hardboard produced at the same establishment	2002.. 14 1997.. N	X X	S N	359 001 N
3212194Y	Hardboard, made from hardboard produced at the same establishment, nsk	2002.. N 1997.. N	X X	X X	— 14 145
3212194YVV	Hardboard, made from hardboard produced at the same establishment, nsk	2002.. N 1997.. N	X X	X X	— 14 145
3212195	Cellulosic fiberboard (insulating board)	2002.. N 1997.. N	X X	X X	117 793 140 535
32121951	Cellulosic fiberboard (insulating board)	2002.. N 1997.. N	X X	X X	117 793 140 535
3212195100	Cellulosic fiberboard (insulating board)	2002.. 5 1997.. 7	X X	P1 024.2 1 113.3	117 793 140 535
3212197	Hardboard, made from purchased hardboard	2002.. N 1997.. N	X X	X X	319 961 207 125
32121971	Hardboard, made from purchased hardboard	2002.. N 1997.. N	X X	X X	319 961 197 644
3212197115	Hardboard, machined, coated, or laminated (molded, cut to size, perforated, panel stock, doorskins, garage door panels, siding, and furniture stock, etc.), made from purchased hardboard	2002.. 24 1997.. N	X X	S N	156 690 N

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321219	Reconstituted wood product manufacturing—Con.				
3212197	Hardboard, made from purchased hardboard—Con.				
32121971	Hardboard, made from purchased hardboard—Con.				
3212197121	Hardboard, interior paneling, coated or laminated, made from purchased hardboard . . . . . mil sq ft (1/8 in. basis) . . . . .	2002 . . . . . 21	X	S	163 271
		1997 . . . . . 10	X	S	116 068
3212197Y	Hardboard, made from purchased hardboard, nsk . . . . .	2002 . . . . . N	X	X	—
		1997 . . . . . N	X	X	9 481
3212197YV	Hardboard, made from purchased hardboard, nsk . . . . .	2002 . . . . . N	X	X	—
		1997 . . . . . N	X	X	9 481
3212198	Particleboard and medium density fiberboard (MDF), prefinished, made from purchased particleboard and MDF . . . . .	2002 . . . . . N	X	X	753 549
		1997 . . . . . N	X	X	678 788
32121981	Particleboard and medium density fiberboard (MDF), prefinished, made from purchased particleboard and MDF . . . . .	2002 . . . . . N	X	X	731 002
		1997 . . . . . N	X	X	578 035
3212198111	Particleboard, prefinished, made from purchased particleboard . . . . . mil sq ft (3/4 in. basis) . . . . .	2002 . . . . . 31	X	S	549 055
		1997 . . . . . 45	X	S	447 659
3212198121	Medium density fiberboard (MDF), prefinished or coated, made from purchased MDF . . . . . mil sq ft (3/4 in. basis) . . . . .	2002 . . . . . 27	X	S	181 947
		1997 . . . . . 32	X	S	130 376
3212198Y	Particleboard and medium density fiberboard (MDF), prefinished, made from purchased particleboard and MDF, nsk . . . . .	2002 . . . . . N	X	X	22 547
		1997 . . . . . N	X	X	100 753
3212198YV	Particleboard and medium density fiberboard (MDF), prefinished, made from purchased particleboard and MDF, nsk . . . . .	2002 . . . . . N	X	X	22 547
		1997 . . . . . N	X	X	100 753
321219W	Reconstituted wood product manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	209 189
		1997 . . . . . N	X	X	213 289
321219WY	Reconstituted wood product manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	209 189
		1997 . . . . . N	X	X	213 289
321219WYV	Reconstituted wood product manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N	X	X	88 109
		1997 . . . . . N	X	X	117 562
321219WYV	Reconstituted wood product manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N	X	X	121 080
		1997 . . . . . N	X	X	95 727
321911	Wood window and door manufacturing . . . . .	2002 . . . . . N	X	X	10 071 135
		1997 . . . . . N	X	X	8 012 652
3219111	Wood window units . . . . .	2002 . . . . . N	X	X	2 998 536
		1997 . . . . . N	X	X	2 568 504
32191111	Wood window units, double hung . . . . .	2002 . . . . . N	X	X	1 260 827
		1997 . . . . . N	X	X	878 831
3219111111	Wood window units, double hung, clad . . . . . thousands . . . . .	2002 . . . . . 45	X	P5 856.1	995 448
		1997 . . . . . 56	X	P4 120.5	693 283
3219111121	Wood window units, double hung, other types . . . . . thousands . . . . .	2002 . . . . . 49	X	Q1 389.6	265 379
		1997 . . . . . 64	X	P1 415.7	185 548
32191112	Wood window units, casement . . . . .	2002 . . . . . N	X	X	1 056 949
		1997 . . . . . N	X	X	911 740
3219111231	Wood window units, casement, clad . . . . . thousands . . . . .	2002 . . . . . 40	X	P5 244.6	918 089
		1997 . . . . . 58	X	P4 244.9	758 667
3219111241	Wood window units, casement, other types . . . . . thousands . . . . .	2002 . . . . . 49	X	P605.6	138 860
		1997 . . . . . 59	X	P879.5	153 073
32191113	Wood window units, other types (including horizontal sliding, awning and single hung) . . . . .	2002 . . . . . N	X	X	491 998
		1997 . . . . . N	X	X	359 183
3219111351	Wood window units, horizontal sliding, clad . . . . . thousands . . . . .	2002 . . . . . 18	X	401.3	84 289
		1997 . . . . . 21	X	148.9	34 534
3219111361	Wood window units, horizontal sliding, other types . . . . . thousands . . . . .	2002 . . . . . 18	X	P207.1	28 971
		1997 . . . . . 20	X	S	15 564
3219111391	Wood window units, all other types, including awning and single hung . . . . . thousands . . . . .	2002 . . . . . 64	X	P1 322.7	378 738
		1997 . . . . . 55	X	P1 859.9	309 085
3219111Y	Wood window units, nsk . . . . .	2002 . . . . . N	X	X	188 762
		1997 . . . . . N	X	X	418 750
3219111YV	Wood window units, nsk . . . . .	2002 . . . . . N	X	X	188 762
		1997 . . . . . N	X	X	418 750
3219113	Wood sash, except sash shipped in window units . . . . .	2002 . . . . . N	X	X	81 040
		1997 . . . . . N	X	X	137 073
32191131	Wood sash, except sash shipped in window units . . . . .	2002 . . . . . N	X	X	72 623
		1997 . . . . . N	X	X	122 008
3219113111	Wood sash, except sash shipped in window units, knockdown and open . . . . .	2002 . . . . . 15	X	X	38 824
		1997 . . . . . 9	X	X	53 416
3219113121	Wood sash, except sash shipped in window units, glazed . . . . . thousands . . . . .	2002 . . . . . 21	X	S	33 799
		1997 . . . . . 20	X	924.1	68 592
3219113Y	Wood sash, except sash shipped in window units, nsk . . . . .	2002 . . . . . N	X	X	8 417
		1997 . . . . . N	X	X	15 065
3219113YV	Wood sash, except sash shipped in window units, nsk . . . . .	2002 . . . . . N	X	X	8 417
		1997 . . . . . N	X	X	15 065
3219115	Wood frames, window (except window frames shipped in window units) and door (including door frames shipped in door units) . . . . .	2002 . . . . . N	X	X	532 855
		1997 . . . . . N	X	X	462 800
32191151	Wood frames, window (except window frames shipped in window units) and door (including door frames shipped in door units) . . . . .	2002 . . . . . N	X	X	519 817
		1997 . . . . . N	X	X	457 666
3219115111	Wood frames, window, except window frames shipped in window units . . . . .	2002 . . . . . 46	X	X	178 216
		1997 . . . . . 30	X	X	100 092
3219115121	Wood frames, door, including door frames shipped in door units . . . . .	2002 . . . . . 104	X	X	341 601

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321911	Wood window and door manufacturing—Con.				
3219115	Wood frames, window (except window frames shipped in window units) and door (including door frames shipped in door units)—Con.				
32191151	Wood frames, window (except window frames shipped in window units) and door (including door frames shipped in door units)—Con.				
3219115121	Wood frames, door, including door frames shipped in door units—Con.				
3219115Y	Wood frames, window (except window frames shipped in window units) and door (including door frames shipped in door units), nsk	1997.. 115	X	X	357 574
3219115YV	Wood frames, window (except window frames shipped in window units) and door (including door frames shipped in door units), nsk	2002.. N	X	X	13 038
3219115YVW	Wood frames, window (except window frames shipped in window units) and door (including door frames shipped in door units), nsk	1997.. N	X	X	5 134
3219117	Wood doors (including panel, flush, and molded face), interior and exterior, including doors with glazed sections	2002.. N	X	X	3 334 572
32191171	Wood doors (including panel, flush, and molded face), interior and exterior, including doors with glazed sections	1997.. N	X	X	2 044 489
3219117111	Wood doors, panel, Douglas fir, interior and exterior, including doors with glazed sections	2002.. thousands 51	X	S	123 983
3219117115	Wood doors, panel, western pine, interior and exterior, including doors with glazed sections	1997.. thousands 49	X	S	143 988
3219117121	Wood doors, panel, other types, interior and exterior, including doors with glazed sections	2002.. thousands 33	X	S	283 504
3219117122	Wood doors, panel, other types, interior and exterior, including doors with glazed sections	1997.. thousands 36	X	S	157 916
3219117131	Wood doors, flush, hollow core, softwood faced, interior and exterior, including doors with glazed sections	2002.. thousands 134	X	S	590 076
3219117133	Wood doors, flush, hollow core, softwood faced, interior and exterior, including doors with glazed sections	1997.. thousands 153	X	S	218 895
3219117135	Wood doors, flush, hollow core, hardwood faced (lauan, birch, oak, etc.), interior and exterior, including doors with glazed sections	2002.. thousands 24	X	X	186 660
3219117141	Wood doors, flush, hollow core, hardwood faced, interior and exterior, including doors with glazed sections	1997.. thousands 16	X	X	14 589
3219117144	Wood doors, flush, hollow core, hardboard faced, interior and exterior, including doors with glazed sections	2002.. thousands 46	X	S	519 955
3219117145	Wood doors, flush, hollow core, hardboard faced, interior and exterior, including doors with glazed sections	1997.. thousands 53	X	S	119 527
3219117145	Wood doors, flush, hollow core, other faced, interior and exterior, including doors with glazed sections	2002.. thousands 40	X	S	54 400
3219117145	Wood doors, flush, hollow core, other faced, interior and exterior, including doors with glazed sections	1997.. thousands 38	X	S	118 439
3219117151	Wood doors, flush, solid wood stave core, hardwood faced (lauan, birch, oak, etc.), interior and exterior, including doors with glazed sections	2002.. thousands 15	X	°2 S	86 110
3219117151	Wood doors, flush, solid wood stave core, hardwood faced (lauan, birch, oak, etc.), interior and exterior, including doors with glazed sections	1997.. thousands 11	X	S	14 902
3219117155	Wood doors, flush, solid composition core, hardwood faced (lauan, birch, oak, etc.), interior and exterior, including doors with glazed sections	2002.. thousands 56	X	S	425 509
3219117161	Wood doors, flush, solid core, other faced, interior and exterior, including doors with glazed sections	1997.. thousands 55	X	S	292 007
3219117171	Wood doors, molded face, interior and exterior, including doors with glazed sections	2002.. thousands 18	X	°295.3 S	33 678
3219117171	Wood doors, molded face, interior and exterior, including doors with glazed sections	1997.. thousands 17	X	S	11 655
3219117Y	Wood doors (including panel, flush, and molded face), interior and exterior, including doors with glazed sections, nsk	2002.. N	X	X	537 457
3219117YV	Wood doors (including panel, flush, and molded face), interior and exterior, including doors with glazed sections, nsk	1997.. N	X	X	694 085
3219119	Wood doors, other types (including garage, patio, bifold, cabinet, screen, storm, and louver)	2002.. N	X	X	1 608 848
32191191	Wood doors, other types (including garage, patio, bifold, cabinet, screen, storm, and louver)	1997.. N	X	X	1 339 481
3219119111	Wood doors, garage	2002.. N	X	X	1 601 976
3219119121	Wood doors, bifold	1997.. N	X	X	1 247 561
3219119131	Wood doors, patio, sliding	2002.. 12	X	X	36 518
3219119141	Wood doors, patio, swinging	1997.. 28	X	X	77 972
3219119151	Wood doors, cabinet	2002.. 36	X	X	67 255
3219119191	Wood doors, other types (including screen, storm, and louver)	1997.. 42	X	X	61 010
3219119Y	Wood doors, other types (including garage, patio, bifold, cabinet, screen, storm, and louver), nsk	2002.. 29	X	X	323 506
3219119YV	Wood doors, other types (including garage, patio, bifold, cabinet, screen, storm, and louver), nsk	1997.. 44	X	X	251 561
3219119YVW	Wood doors, other types (including garage, patio, bifold, cabinet, screen, storm, and louver), nsk	2002.. 34	X	X	391 304
3219119YVW	Wood doors, other types (including garage, patio, bifold, cabinet, screen, storm, and louver), nsk	1997.. 41	X	X	321 238
321911W	Wood window and door manufacturing, nsk, total	2002.. 188	X	X	628 464
321911WY	Wood window and door manufacturing, nsk, total	1997.. 115	X	X	423 632
321911WYV	Wood window and door manufacturing, nsk, total	2002.. 50	X	X	154 929
321911WYVW	Wood window and door manufacturing, nsk, total	1997.. 49	X	X	112 148
321911WYVW	Wood window and door manufacturing, nsk, total	2002.. N	X	X	6 872
321911WYVW	Wood window and door manufacturing, nsk, total	1997.. N	X	X	91 920
321911WYVW	Wood window and door manufacturing, nsk, total	2002.. N	X	X	6 872
321911WYVW	Wood window and door manufacturing, nsk, total	1997.. N	X	X	91 920
321911WYVW	Wood window and door manufacturing, nsk, total	2002.. N	X	X	1 515 284
321911WYVW	Wood window and door manufacturing, nsk, total	1997.. N	X	X	1 460 305
321911WYVW	Wood window and door manufacturing, nsk, total	2002.. N	X	X	1 515 284
321911WYVW	Wood window and door manufacturing, nsk, total	1997.. N	X	X	1 460 305
321911WYVW	Wood window and door manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	1 232 090

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**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321911	Wood window and door manufacturing—Con.				
321911W	Wood window and door manufacturing, nsk, total—Con.				
321911WY	Wood window and door manufacturing, nsk, total—Con.				
321911WYWW	Wood window and door manufacturing, nsk, for nonadministrative-record establishments—Con.				
321911WYWW	Wood window and door manufacturing, nsk., for administrative-record establishments	1997.. N	X	X	1 353 287
		2002.. N	X	X	283 194
		1997.. N	X	X	107 018
321912	Cut stock, resawing lumber, and planing	2002.. N	X	X	5 380 075
		1997.. N	X	X	5 572 374
3219121	Lumber, hardwood, made from purchased lumber	2002.. N	X	X	1 084 139
		1997.. N	X	X	884 650
32191211	Lumber, hardwood, made from purchased lumber	2002.. N	X	X	991 230
		1997.. N	X	X	700 031
3219121111	Lumber, beech, rough, not edge worked, made from purchased lumber	2002.. 14	X	X	43 420
		1997.. 5	X	X	1 942
3219121121	Lumber, oak, rough, not edge worked, made from purchased lumber	2002.. 73	X	S	187 802
		1997.. 72	X	P136.1	133 807
3219121131	Lumber, other hardwood, rough, not edge worked, made from purchased lumber	2002.. 101	X	Q407.6	328 148
		1997.. 74	X	P242.6	206 478
3219121141	Lumber, hardwood, dressed, not edge worked, made from purchased lumber	2002.. 57	X	S	214 042
		1997.. 48	X	Q294.2	329 156
3219121151	Lumber, hardwood, edge worked (tongued, grooved, rabbeted, etc.), made from purchased lumber	2002.. 36	X	S	217 818
		1997.. 24	X	S	28 648
3219121Y	Lumber, hardwood, made from purchased lumber, nsk	2002.. N	X	X	92 909
		1997.. N	X	X	184 619
3219121YWW	Lumber, hardwood, made from purchased lumber, nsk	2002.. N	X	X	92 909
		1997.. N	X	X	184 619
3219123	Lumber, softwood, made from purchased lumber	2002.. N	X	X	1 723 623
		1997.. N	X	X	1 738 525
32191231	Lumber, softwood, made from purchased lumber	2002.. N	X	X	1 333 421
		1997.. N	X	X	1 166 893
3219123111	Lumber, softwood, rough, not edge worked, less than 2 inches in nominal thickness, made from purchased lumber	2002.. 36	X	X	105 442
		1997.. 25	X	X	D
3219123121	Lumber, softwood, rough, not edge worked, 2 inches in nominal thickness only, made from purchased lumber	2002.. 29	X	X	226 602
		1997.. 16	X	X	D
3219123131	Lumber and timbers, softwood, rough, not edge worked, greater than 2 inches in nominal thickness, made from purchased lumber	2002.. 12	X	X	19 756
		1997.. 10	X	X	13 214
3219123141	Lumber, softwood, dressed, not edge worked, less than 2 inches in nominal thickness, made from purchased lumber	2002.. 52	X	406.8	223 412
		1997.. 48	X	Q384.0	220 235
3219123151	Lumber, softwood, dressed, not edge worked, 2 inches in nominal thickness only, made from purchased lumber	2002.. 42	X	900.6	307 067
		1997.. 46	X	493.9	206 542
3219123161	Lumber and timbers, softwood, dressed, not edge worked, greater than 2 inches in nominal thickness, made from purchased lumber	2002.. 28	X	238.4	96 291
		1997.. 28	X	Q151.2	80 402
3219123171	Lumber, softwood, edge worked (tongued, grooved, rabbeted, etc.), made from purchased lumber	2002.. 28	X	S	354 851
		1997.. 49	X	P407.4	224 813
3219123Y	Lumber, softwood, made from purchased lumber, nsk	2002.. N	X	X	390 202
		1997.. N	X	X	571 632
3219123YWW	Lumber, softwood, made from purchased lumber, nsk	2002.. N	X	X	390 202
		1997.. N	X	X	571 632
3219126	Cut stock and dimension, hardwood	2002.. N	X	X	966 281
		1997.. N	X	X	N
32191261	Cut stock, hardwood, furniture	2002.. N	X	X	312 326
		1997.. N	X	X	N
3219126111	Cut stock, hardwood, cabinets, rough or surfaced, cut-to-size	2002.. 52	X	S	186 918
		1997.. N	X	N	N
3219126115	Cut stock, hardwood, furniture (except cabinets), rough or surfaced, cut-to-size	2002.. 62	X	S	125 408
		1997.. N	X	N	N
32191262	Dimensions, hardwood, furniture, semimachined, including edge and face glued parts	2002.. N	X	X	327 674
		1997.. N	X	X	N
3219126221	Dimensions, hardwood, cabinets, semimachined, including edge and face glued parts	2002.. 36	X	P68.2	236 939
		1997.. N	X	N	N
3219126225	Dimensions, hardwood, furniture (except cabinets), semimachined, including edge and face glued parts	2002.. 38	X	P35.7	90 735
		1997.. N	X	N	N
32191264	Cut stock, hardwood, industrial, rough or surfaced, cut-to-size and semi- and fully machined, ready for assembly	2002.. N	X	X	277 219
		1997.. N	X	X	N
3219126441	Cut stock, hardwood, industrial, rough or surfaced, cut to size	2002.. 59	X	X	148 116
		1997.. N	X	X	N
3219126449	Cut stock, hardwood, industrial, semi- and fully machined, ready for assembly	2002.. 17	X	X	129 103
		1997.. N	X	X	N
3219126Y	Cut stock and dimension, hardwood, nsk	2002.. N	X	X	49 062
		1997.. N	X	X	N

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321912	Cut stock, resawing lumber, and planing—Con.				
3219126	Cut stock and dimension, hardwood—Con.				
3219126Y	Cut stock and dimension, hardwood, nsk—Con.				
3219126YVW	Cut stock and dimension, hardwood, nsk	2002.. N	X	X	49 062
		1997.. N	X	X	N
3219128	Cut stock and dimension, softwood	2002.. N	X	X	641 738
		1997.. N	X	X	N
32191281	Cut stock and dimension, softwood	2002.. N	X	X	608 925
		1997.. N	X	X	N
3219128111	Cut stock, softwood, furniture	2002.. 17	X	S	42 056
	mil bd ft.	1997.. N	X	N	N
3219128121	Cut stock, softwood, industrial	2002.. 55	X	S	494 790
	mil bd ft.	1997.. N	X	N	N
3219128132	Dimensions, softwood, furniture and industrial, semi- and fully machined	2002.. 18	X	X	72 079
		1997.. N	X	X	N
3219128Y	Cut stock and dimension, softwood, nsk	2002.. N	X	X	32 813
		1997.. N	X	X	N
3219128YVW	Cut stock and dimension, softwood, nsk	2002.. N	X	X	32 813
		1997.. N	X	X	N
3219129	Sawn wood fence stock, wood lath, and contract resawing and planing	2002.. N	X	X	112 082
		1997.. N	X	X	135 572
32191291	Sawn wood fence stock, wood lath, and contract resawing and planing	2002.. N	X	X	112 082
		1997.. N	X	X	132 589
3219129111	Sawn wood fence pickets, posts, and rails, not assembled into fence sections	2002.. 22	X	X	73 053
		1997.. 20	X	X	45 425
3219129121	Wood lath	2002.. 15	X	X	13 726
		1997.. 11	X	X	12 140
3219129131	Receipts for contract resawing and planing	2002.. 31	X	X	25 303
		1997.. 90	X	X	75 024
3219129Y	Sawn wood fence stock, wood lath, and contract resawing and planing, nsk	2002.. N	X	X	—
		1997.. N	X	X	2 983
3219129YVW	Sawn wood fence stock, wood lath, and contract resawing and planing, nsk	2002.. N	X	X	—
		1997.. N	X	X	2 983
321912W	Cut stock, resawn lumber, and planing, nsk, total	2002.. N	X	X	852 212
		1997.. N	X	X	610 044
321912WY	Cut stock, resawn lumber, and planing, nsk, total	2002.. N	X	X	852 212
		1997.. N	X	X	610 044
321912WYVW	Cut stock, resawn lumber, and planing, nsk, for nonadministrative-record establishments	2002.. N	X	X	691 978
		1997.. N	X	X	481 337
321912WYVY	Cut stock, resawn lumber, and planing, nsk, for administrative-record establishments	2002.. N	X	X	160 234
		1997.. N	X	X	128 707
321918	Other millwork (including flooring)	2002.. N	X	X	5 688 730
		1997.. N	X	X	4 273 985
3219181	Wood moldings, except prefinished made from purchased moldings, including covered (metal, plastics, etc.)	2002.. N	X	X	2 021 818
		1997.. N	X	X	1 504 625
32191811	Wood moldings, except prefinished made from purchased moldings, including covered (metal, plastics, etc.)	2002.. N	X	X	1 889 940
		1997.. N	X	X	1 353 809
3219181111	Moldings, pine, except prefinished made from purchased moldings, including covered (metal, plastics, etc.)	2002.. 295	X	X	1 148 514
		1997.. 78	X	X	830 077
3219181121	Moldings, other softwoods (except pine), except prefinished made from purchased moldings, including covered (metal, plastics, etc.)	2002.. 86	X	X	185 683
		1997.. 37	X	X	87 813
3219181131	Moldings, hardwood, except prefinished made from purchased moldings, including covered (metal, plastics, etc.)	2002.. 270	X	X	555 743
		1997.. 168	X	X	435 919
3219181Y	Wood moldings, except prefinished made from purchased moldings, including covered (metal, plastics, etc.), nsk	2002.. N	X	X	131 878
		1997.. N	X	X	150 816
3219181YVW	Wood moldings, except prefinished made from purchased moldings, including covered (metal, plastics, etc.), nsk	2002.. N	X	X	131 878
		1997.. N	X	X	150 816
3219183	Wood moldings, prefinished made from purchased moldings, including covered with metal and plastics	2002.. N	X	X	93 436
		1997.. N	X	X	64 823
32191831	Wood moldings, prefinished made from purchased moldings, including covered with metal and plastics	2002.. N	X	X	93 436
		1997.. N	X	X	44 153
3219183100	Wood moldings, prefinished made from purchased moldings, including covered with metal and plastics	2002.. 62	X	X	93 436
		1997.. N	X	X	N
3219185	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	2002.. N	X	X	1 534 377
		1997.. N	X	X	1 157 870
32191851	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	2002.. N	X	X	1 277 886
		1997.. N	X	X	971 573
3219185111	Stairwork (treads, risers, balusters, brackets, crooks, newels, rails, etc.), softwood	2002.. 85	X	X	266 857
		1997.. 62	X	X	83 459
3219185121	Stairwork (treads, risers, balusters, brackets, crooks, newels, rails, etc.), hardwood	2002.. 175	X	X	372 044
		1997.. 142	X	X	250 744

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321918	Other millwork (including flooring)—Con.				
3219185	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring—Con.				
32191851	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring—Con.				
3219185131	Wood millwork, exterior (including porch columns and rails, newels, trellises, and entrances) .....	2002.. 67 1997.. 43	X X	X X	114 878 112 197
3219185141	Moldings, carvings, and ornaments, nonstandard or specialty, softwood .....	2002.. 33 1997.. 24	X X	X X	41 720 19 303
3219185151	Moldings, carvings, and ornaments, nonstandard or specialty, hardwood .....	2002.. 63 1997.. 65	X X	X X	97 588 55 530
3219185181	Other wood millwork products, including shutters, interior millwork, and softwood flooring .....	2002.. 110 1997.. N	X X	X X	384 799 N
3219185Y	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring, nsk .....	2002.. N 1997.. N	X X	X X	256 491 186 297
3219185YVW	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring, nsk .....	2002.. N 1997.. N	X X	X X	256 491 186 297
3219187	Flooring, hardwood .....	2002.. N 1997.. N	X X	X X	1 579 068 1 215 573
32191871	Flooring, oak .....	2002.. N 1997.. N	X X	X X	893 357 810 657
3219187111	Flooring, oak, 3/4, 1/2, and 3/8 inch nominal thickness tongue and groove (T&G) and end matched (EM) strip, including 5/16 inch nominally thick square edge strip .....	2002.. 34 1997.. 42	X X	Q315.6 P409.7	561 055 657 958
3219187121	Parquetry, oak .....	2002.. 6 1997.. 8	X X	S Q22.3	21 713 31 384
3219187131	Flooring, other types, oak .....	2002.. 18 1997.. 13	X X	P122.9 49.1	310 589 121 315
32191872	Flooring, hardwood, except oak .....	2002.. N 1997.. N	X X	X X	510 570 187 382
3219187241	Flooring, maple .....	2002.. 17 1997.. 18	X X	D P26.7	D 58 095
3219187251	Flooring, truck trailer and railroad car decking, glued laminated hardwood .....	2002.. 4 1997.. 8	X X	D 48.6	D 103 480
3219187291	Other hardwood flooring .....	2002.. 62 1997.. 24	X X	X X	387 235 25 807
3219187Y	Flooring, hardwood, nsk .....	2002.. N 1997.. N	X X	X X	175 141 217 534
3219187YVW	Flooring, hardwood, nsk .....	2002.. N 1997.. N	X X	X X	175 141 217 534
321918W	Other millwork (including flooring), nsk, total .....	2002.. N 1997.. N	X X	X X	460 031 331 094
321918WY	Other millwork (including flooring), nsk, total .....	2002.. N 1997.. N	X X	X X	460 031 331 094
321918WYVW	Other millwork (including flooring), nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	133 451 153 543
321918WYVY	Other millwork (including flooring), nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	326 580 177 551
321920	Wood container and pallet manufacturing .....	2002.. N 1997.. N	X X	X X	4 808 511 4 309 881
3219201	Wood boxes, nailed and lock-corner .....	2002.. N 1997.. N	X X	X X	329 856 195 944
32192011	Wood boxes, nailed and lock-corner .....	2002.. N 1997.. N	X X	X X	320 732 162 469
3219201111	Wood boxes, nailed and lock-corner, made from lumber .....	2002.. 136 1997.. 110	X X	X X	247 224 102 545
3219201121	Wood boxes, nailed and lock-corner, made from veneer, plywood, and wood and fiber combinations (including wood and part wood cigar boxes) .....	2002.. 61 1997.. 62	X X	X X	73 508 59 924
3219201Y	Wood boxes, nailed and lock-corner, nsk .....	2002.. N 1997.. N	X X	X X	9 124 33 475
3219201YVW	Wood boxes, nailed and lock-corner, nsk .....	2002.. N 1997.. N	X X	X X	9 124 33 475
3219203	Wood box and crate shook .....	2002.. N 1997.. N	X X	X X	146 153 173 159
32192031	Wood box and crate shook .....	2002.. N 1997.. N	X X	X X	134 429 155 969
3219203111	Wood box and crate shook, for fruits and vegetables, made from lumber .....	2002.. 18 1997.. 28	X X	X X	48 090 41 179
3219203121	Wood box and crate shook, all other types (except fruit and vegetable), made from lumber .....	2002.. 70 1997.. 89	X X	X X	56 521 72 132
3219203131	Wood box and crate shook, made from veneer and plywood .....	2002.. 41 1997.. 51	X X	X X	29 818 42 658
3219203Y	Wood box and crate shook, nsk .....	2002.. N 1997.. N	X X	X X	11 724 17 190
3219203YVW	Wood box and crate shook, nsk .....	2002.. N 1997.. N	X X	X X	11 724 17 190
3219205	Wood pallets and pallet containers, wood and metal combination .....	2002.. N 1997.. N	X X	X X	3 034 275 3 092 738

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321920	Wood container and pallet manufacturing—Con.				
3219205	Wood pallets and pallet containers, wood and metal combination—Con.				
32192051	Wood pallets, except skids	2002.. N	X	X	2 341 964
		1997.. N	X	X	2 281 516
3219205111	Wood pallets, except skids	2002.. 982	X	X	2 341 964
		1997.. 1 089	X	X	2 281 516
32192052	Wood skids, wood and metal combination pallets, and wood and wood and metal combination pallet containers	2002.. N	X	X	305 458
		1997.. N	X	X	216 066
3219205221	Wood skids	2002.. 180	X	X	172 620
		1997.. 201	X	X	144 888
3219205231	Pallets, wood and metal combination	2002.. 57	X	X	75 225
		1997.. 14	X	X	10 978
3219205241	Pallet containers, wood and wood and metal combination	2002.. 35	X	X	57 613
		1997.. 37	X	X	60 200
3219205Y	Wood pallets and pallet containers, wood and metal combination, nsk.	2002.. N	X	X	386 853
		1997.. N	X	X	595 156
3219205YVV	Wood pallets and pallet containers, wood and metal combination, nsk.	2002.. N	X	X	386 853
		1997.. N	X	X	595 156
3219207	Wood containers and parts, other types	2002.. N	X	X	613 272
		1997.. N	X	X	546 122
32192071	Wood containers and parts, other types	2002.. N	X	X	481 153
		1997.. N	X	X	434 106
3219207111	Wood boxes, wirebound, made from lumber	2002.. 20	X	X	84 642
		1997.. 13	X	X	27 847
3219207121	Wood boxes, wirebound, for fruits and vegetables, made from veneer and plywood	2002.. 8	X	X	73 972
		1997.. 9	X	X	70 418
3219207131	Wood boxes, wirebound, other types (except fruit and vegetable), made from veneer and plywood	2002.. 3	X	X	18 929
		1997.. 4	X	X	18 663
3219207141	Wood slack and tight cooperage (hogsheads, barrels, kegs, tubs, etc.), new and re Coopered used	2002.. 20	X	X	144 266
		1997.. 32	X	X	171 314
3219207151	Wood boxes, cases, and chests (jewelry boxes, silverware chests, instrument cases, cigar and cigarette boxes, microscope cases, tool or utility cases, etc.)	2002.. 53	X	X	40 073
		1997.. 53	X	X	66 204
3219207191	Wood containers and parts, all other types	2002.. 60	X	X	119 271
		1997.. 31	X	X	79 660
3219207Y	Wood containers and parts, other types, nsk	2002.. N	X	X	132 119
		1997.. N	X	X	112 016
3219207YVV	Wood containers and parts, other types, nsk	2002.. N	X	X	132 119
		1997.. N	X	X	112 016
321920W	Wood container and pallet manufacturing, nsk, total	2002.. N	X	X	684 955
		1997.. N	X	X	301 918
321920WY	Wood container and pallet manufacturing, nsk, total	2002.. N	X	X	684 955
		1997.. N	X	X	301 918
321920WYWWW	Wood container and pallet manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	470 874
		1997.. N	X	X	49 797
321920WYVY	Wood container and pallet manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	214 081
		1997.. N	X	X	252 121
321991	Manufactured home (mobile home) manufacturing	2002.. N	X	X	6 632 008
		1997.. N	X	X	10 064 087
3219911	Manufactured homes (mobile homes)	2002.. N	X	X	6 122 376
		1997.. N	X	X	9 651 119
321991111	Manufactured homes (mobile homes), 13 feet 11 inches or less in width	2002.. N	X	X	165 489
		1997.. N	X	X	815 707
3219911111	Manufactured homes (mobile homes), 11 feet 11 inches or less in width	1,000 units.. 2002.. 8	X	P3.4	60 947
		1997.. 6	X	P4.8	87 186
3219911121	Manufactured homes (mobile homes), 12 feet to 13 feet 11 inches in width	1,000 units.. 2002.. 10	X	5.0	104 542
		1997.. 15	X	29.9	728 521
32199112	Manufactured homes (mobile homes), 14 feet or more in width	2002.. N	X	X	705 131
		1997.. N	X	X	2 779 790
3219911231	Manufactured homes (mobile homes), 14 feet to 15 feet 11 inches in width	1,000 units.. 2002.. 26	X	116.0	292 072
		1997.. 36	X	67.6	1 269 302
3219911241	Manufactured homes (mobile homes), 16 feet or more in width	1,000 units.. 2002.. 32	X	20.5	413 059
		1997.. 34	X	67.9	1 510 488
32199113	Manufactured homes (mobile homes), multisection	2002.. N	X	X	4 650 784
		1997.. N	X	X	5 156 277
3219911351	Manufactured homes (mobile homes), multisection	1,000 units.. 2002.. 56	X	144.5	4 650 784
		1997.. 48	X	160.4	5 156 277
3219911Y	Manufactured homes (mobile homes), nsk	2002.. N	X	X	600 972
		1997.. N	X	X	899 345
3219911YVV	Manufactured homes (mobile homes), nsk	2002.. N	X	X	600 972
		1997.. N	X	X	899 345
3219915	Mobile buildings, nonresidential	2002.. N	X	X	348 551
		1997.. N	X	X	349 800
32199151	Mobile buildings, nonresidential	2002.. N	X	X	309 151
		1997.. N	X	X	321 684
3219915111	Mobile buildings, nonresidential, office and other commercial type	1,000 units.. 2002.. 31	X	S	158 312
		1997.. 28	X	11.6	166 781
3219915121	Mobile buildings, nonresidential, other types, including classroom and industrial	1,000 units.. 2002.. 14	X	S	150 839
		1997.. 22	X	S	154 903

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321991	Manufactured home (mobile home) manufacturing—Con.				
3219915	Mobile buildings, nonresidential—Con.				
3219915Y	Mobile buildings, nonresidential, nsk	2002.. N	X	X	39 400
		1997.. N	X	X	28 116
3219915YVW	Mobile buildings, nonresidential, nsk	2002.. N	X	X	39 400
		1997.. N	X	X	28 116
321991W	Manufactured home (mobile home) manufacturing, nsk, total	2002.. N	X	X	161 081
		1997.. N	X	X	63 168
321991WY	Manufactured home (mobile home) manufacturing, nsk, total	2002.. N	X	X	161 081
		1997.. N	X	X	63 168
321991WYVW	Manufactured home (mobile home) manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	65 915
		1997.. N	X	X	30 364
321991WYVY	Manufactured home (mobile home) manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	95 166
		1997.. N	X	X	32 804
321992	Prefabricated wood building manufacturing	2002.. N	X	X	3 578 308
		1997.. N	X	X	2 858 640
3219921	Prefabricated stationary wood buildings, components (not sold as complete units)	2002.. N	X	X	423 675
		1997.. N	X	X	230 146
32199211	Prefabricated stationary wood buildings, components (not sold as complete units)	2002.. N	X	X	394 826
		1997.. N	X	X	196 733
3219921111	Prefabricated stationary buildings, components (not sold as complete units), residential (including homes, townhouses, and apartments)	2002.. 74	X	X	317 300
		1997.. 81	X	X	179 112
3219921121	Prefabricated stationary wood buildings, components (not sold as complete units), nonresidential, including motels and hotels	2002.. 33	X	X	77 526
		1997.. 21	X	X	17 621
3219921Y	Prefabricated stationary wood buildings, components (not sold as complete units), nsk	2002.. N	X	X	28 849
		1997.. N	X	X	33 413
3219921YVW	Prefabricated stationary wood buildings, components (not sold as complete units), nsk	2002.. N	X	X	28 849
		1997.. N	X	X	33 413
3219923	Prefabricated stationary wood buildings, precut packages (complete units)	2002.. N	X	X	668 504
		1997.. N	X	X	596 241
32199231	Prefabricated stationary wood buildings, precut packages (complete units)	2002.. N	X	X	646 591
		1997.. N	X	X	581 107
3219923111	Prefabricated stationary wood buildings, precut packages (complete units), residential, log homes	2002.. 56	X	S	309 352
		1997.. 77	X	S	234 594
3219923121	Prefabricated stationary wood buildings, precut packages (complete units), residential, other types (including homes, townhouses, and apartments)	2002.. 24	X	S	145 597
		1997.. 16	X	S	135 157
3219923131	Prefabricated stationary wood buildings, precut packages (complete units), nonresidential, including motels and hotels	2002.. 14	X	X	191 642
		1997.. 14	X	X	211 356
3219923Y	Prefabricated stationary wood buildings, precut packages (complete units), nsk	2002.. N	X	X	21 913
		1997.. N	X	X	15 134
3219923YVW	Prefabricated stationary wood buildings, precut packages (complete units), nsk	2002.. N	X	X	21 913
		1997.. N	X	X	15 134
3219925	Prefabricated stationary wood buildings, shipped in panel form (complete units)	2002.. N	X	X	724 428
		1997.. N	X	X	442 965
32199251	Prefabricated stationary wood buildings, shipped in panel form (complete units)	2002.. N	X	X	660 681
		1997.. N	X	X	413 591
3219925115	Prefabricated stationary wood buildings, shipped in panel form (complete units), residential, single and multifamily, including townhouses	2002.. 53	X	S	632 943
		1997.. N	X	N	N
3219925131	Prefabricated stationary wood buildings, shipped in panel form (complete units), nonresidential, including motels and hotels	2002.. 14	X	S	27 738
		1997.. 12	X	S	74 891
3219925Y	Prefabricated stationary wood buildings, shipped in panel form (complete units), nsk	2002.. N	X	X	63 747
		1997.. N	X	X	29 374
3219925YVW	Prefabricated stationary wood buildings, shipped in panel form (complete units), nsk	2002.. N	X	X	63 747
		1997.. N	X	X	29 374
3219927	Prefabricated stationary wood buildings, shipped in three-dimensional assemblies	2002.. N	X	X	1 293 760
		1997.. N	X	X	1 178 019
32199271	Prefabricated stationary wood buildings, shipped in three-dimensional assemblies, residential (including homes, townhouses, and apartments)	2002.. N	X	X	1 001 535
		1997.. N	X	X	814 337
3219927111	Prefabricated stationary wood buildings, shipped in three-dimensional assemblies, residential (including homes, townhouses, and apartments)	2002.. 58	X	S	1 001 535
		1997.. 62	X	S	814 337

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturing (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321992	Prefabricated wood building manufacturing—Con.				
3219927	Prefabricated stationary wood buildings, shipped in three-dimensional assemblies—Con.				
32199272	Prefabricated stationary wood buildings, shipped in three-dimensional assemblies, nonresidential, including motels and hotels	2002.. N 1997.. N	X X	X X	203 053 298 920
3219927221	Prefabricated stationary wood buildings, shipped in three-dimensional assemblies, nonresidential, including motels and hotels	1,000 units. 2002.. 41 1997.. 65	X X	S S	203 053 298 920
3219927Y	Prefabricated stationary wood buildings, shipped in three-dimensional assemblies, nsk	2002.. N 1997.. N	X X	X X	89 172 64 762
3219927YWW	Prefabricated stationary wood buildings, shipped in three-dimensional assemblies, nsk	2002.. N 1997.. N	X X	X X	89 172 64 762
321992W	Prefabricated wood building manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	467 941 411 269
321992WY	Prefabricated wood building manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	467 941 411 269
321992WYWW	Prefabricated wood building manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	363 471 339 814
321992WYWY	Prefabricated wood building manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	104 470 71 455
321999	All other miscellaneous wood product manufacturing	2002.. N 1997.. N	X X	X X	4 165 054 3 844 186
3219990	All other miscellaneous wood product manufacturing	2002.. N 1997.. N	X X	X X	4 165 054 3 844 186
32199901	All other miscellaneous wood product manufacturing	2002.. N 1997.. N	X X	X X	3 264 506 3 139 574
3219990111	Finished wood moldings, mirrors and pictures	2002.. 72 1997.. 45	X X	X X	158 184 101 393
3219990114	Cork and cork products (except gaskets), natural, waste (including granulated and ground), and composition cork	2002.. 12 1997.. 19	X X	X X	93 343 76 473
3219990121	Wood statuettes and other ornaments, including ashtrays, bookends, plaques, and trophies	2002.. 80 1997.. 58	X X	X X	68 677 74 211
3219990124	Wood tableware and kitchenware	2002.. 39 1997.. 30	X X	X X	31 771 51 900
3219990127	Wood fence pickets, posts, and rails assembled into fence sections	2002.. 56 1997.. 36	X X	X X	105 879 53 806
3219990131	Wood wares, small (toothpicks, skewers, candy sticks, ice cream sticks, tongue depressors, drink mixers, etc.)	2002.. 7 1997.. 10	X X	X X	54 867 87 208
3219990134	Firewood and fuel wood containing an added binder, including compressed logs	2002.. 29 1997.. 13	X X	X X	64 456 119 541
3219990137	Wood basketwork, wickerwork, and related products, except furniture and laundry hampers, fibrous vegetable substances (including bamboo, rattan, willow, and chip)	2002.. 6 1997.. 11	X X	X X	D 32 376
3219990144	Wood handles, striking tools (axe, pick, hammer, etc.)	2002.. 8 1997.. 16	X X	X X	24 488 30 096
3219990147	Wood handles, other handtools (spade, shovel, rake, scythe, and other mechanics, farm, garden, household, etc.)	2002.. 9 1997.. 15	X X	X X	31 591 35 615
3219990151	Wood handles, broom, mop, and paintbrush	2002.. 11 1997.. 14	X X	X X	D 28 539
3219990154	Other wood handles, tools, tool bodies, and backs for brooms, mops, and brushes	2002.. 19 1997.. 13	X X	X X	15 356 21 202
3219990157	Wood dowels and dowel pins (plained or sanded, grooved, or otherwise advanced in condition)	2002.. 23 1997.. 30	X X	X X	50 653 67 920
3219990161	Wood stepladders	2002.. 4 1997.. 11	X X	X X	2 723 54 500
3219990164	Wood rung ladders (nonextension, extension, and scaffolding)	2002.. 7 1997.. 9	X X	X X	15 852 6 556
3219990167	Wood reels, wire and cable	2002.. 31 1997.. 42	X X	X X	317 198 325 578
3219990171	Wood flour	2002.. 4 1997.. 7	X X	X X	D 42 167
3219990174	Wood toilet seats, including molded wood	2002.. 20 1997.. 9	X X	X X	317 756 153 998
3219990193	Kiln-dried lumber, made from purchased lumber	2002.. 129 1997.. N	X X	X X	562 934 N
3219990194	Receipts for contract kiln drying	2002.. 43 1997.. N	X X	X X	31 180 N
3219990195	Wood products, all other types	2002.. 364 1997.. N	X X	X X	1 004 651 N
3219990Y	All other miscellaneous wood product manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	900 548 704 612
3219990YWW	All other miscellaneous wood product manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	662 486 557 839
3219990YWY	All other miscellaneous wood product manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	238 062 146 773
322110	Pulp mills	2002.. N	X	X	5 245 723

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322110	Pulp mills—Con.				
		1997..	N	X	X 6 371 092
3221101	Woodpulp, special alpha and dissolving (sulfite and sulfate for chemical conversion, papermaking, and other uses) .....	2002..	N	X	X 895 538
		1997..	N	X	X 842 210
32211011	Woodpulp, special alpha and dissolving (sulfite and sulfate for chemical conversion, papermaking, and other uses) .....	2002..	N	X	X 895 538
		1997..	N	X	X 842 210
3221101100	Woodpulp, special alpha and dissolving (sulfite and sulfate for chemical conversion, papermaking, and other uses) .....	1,000 s tons (dry basis) .....	2002..	5	2 416.8 1 414.2 895 538
			1997..	6	1 039.3 1 073.2 842 210
3221103	Woodpulp, sulfate, including soda .....		2002..	N	X 3 693 501
			1997..	N	X 4 638 302
32211031	Woodpulp, sulfate, including soda .....		2002..	N	X 3 689 411
			1997..	N	X 4 638 302
3221103111	Woodpulp, sulfate, including soda, bleached and semibleached .....	1,000 s tons (dry basis) .....	2002..	19	23 702.6 P8 648.4 3 499 879
			1997..	28	27 302.7 10 069.2 4 387 129
3221103121	Woodpulp, sulfate, unbleached .....	1,000 s tons (dry basis) .....	2002..	8	22 782.1 S 189 532
			1997..	9	25 766.6 909.0 251 173
3221103Y	Woodpulp, sulfate, including soda, nsk .....		2002..	N	X 4 090
			1997..	N	X —
3221103YVW	Woodpulp, sulfate, including soda, nsk .....		2002..	N	X 4 090
			1997..	N	X —
3221105	Woodpulp, sulfite and other types .....		2002..	N	X 169 371
			1997..	N	X 251 393
32211051	Woodpulp, sulfite and other types .....		2002..	N	X 169 371
			1997..	N	X 251 393
3221105111	Woodpulp, sulfite, bleached and unbleached .....	1,000 s tons (dry basis) .....	2002..	3	1 920.9 D D
			1997..	7	1 813.8 456.6 208 426
3221105121	Groundwood pulp (stone, refiner, and thermomechanical) .....	1,000 s tons (dry basis) .....	2002..	1	5 277.6 D D
			1997..	1	6 710.7 D D
3221105131	Woodpulp, semichemical .....	1,000 s tons (dry basis) .....	2002..	1	3 902.9 D D
			1997..	2	P4 584.2 D D
3221105141	Woodpulp, other types (defibrated or exploded, screenings, damaged, etc.) .....	1,000 s tons (dry basis) .....	2002..	5	1 412.4 D D
			1997..	—	D —
3221105Y	Woodpulp, sulfite and other types, nsk .....		2002..	N	X —
			1997..	N	X —
3221105YVW	Woodpulp, sulfite and other types, nsk .....		2002..	N	X —
			1997..	N	X —
3221107	Pulp, all other types (except wood) and pulp mill byproducts .....		2002..	N	X 484 116
			1997..	N	X 639 187
32211071	Pulp, all other types (except wood) and pulp mill byproducts .....		2002..	N	X 484 005
			1997..	N	X 639 187
3221107123	Pulp, other types (cotton linters, straw, rag, flax, deinked paper, bagasse, etc.), except wood .....	1,000 s tons (dry basis) .....	2002..	14	2 533.9 P1 171.3 452 687
			1997..	N	N —
3221107131	Turpentine, sulfate .....	mil gal. ....	2002..	16	131.0 P18.2 12 104
			1997..	30	P30.8 27.0 41 133
3221107141	Pulp mill cooking liquor byproducts, other types (skimmings, binders, fuel, etc.) .....	1,000 s tons (dry basis) .....	2002..	10	1 408.1 415.7 19 214
			1997..	12	P1 827.2 1 546.0 79 413
3221107Y	Pulp, all other types (except wood) and pulp mill byproducts, nsk .....		2002..	N	X 111
			1997..	N	X —
3221107YVW	Pulp, all other types (except wood) and pulp mill byproducts, nsk .....		2002..	N	X 111
			1997..	N	X —
322110W	Pulp mills, nsk, total .....		2002..	N	X 3 197
			1997..	N	X —
322110WY	Pulp mills, nsk, total .....		2002..	N	X 3 197
			1997..	N	X —
322110WYVW	Pulp mills, nsk, for nonadministrative-record establishments .....		2002..	N	X 3 197
			1997..	N	X —
322110WYVY	Pulp mills, nsk, for administrative-record establishments .....		2002..	N	X —
			1997..	N	X —
322121	Paper (except newsprint) mills .....		2002..	N	X 40 651 847
			1997..	N	X 39 984 666
3221211	Paper, printing and converting, clay-coated .....		2002..	N	X 7 693 273
			1997..	N	X 8 452 880
32212111	Paper, printing and converting, clay-coated, groundwood (containing more than 10 percent mechanical fiber), including prime-coated body stock .....		2002..	N	X 3 462 765
			1997..	N	X 3 706 540
3221211111	Paper, printing and converting, clay-coated, groundwood (containing more than 10 percent mechanical fiber), including prime-coated body stock .....	1,000 s tons .....	2002..	13	X P5 163.4 3 462 765
			1997..	12	X 4 818.5 3 706 540
32212112	Paper, printing and converting, clay-coated, freesheet (containing 10 percent mechanical fiber or less), including prime-coated body stock .....		2002..	N	X 4 230 508
			1997..	N	X 4 746 340
3221211221	Paper, printing and converting, clay-coated, freesheet (containing 10 percent mechanical fiber or less), including prime-coated body stock, one side coated .....	1,000 s tons .....	2002..	12	X P804.2 810 723
			1997..	16	X 983.1 955 531
3221211231	Paper, printing and converting, clay-coated, freesheet (containing 10 percent mechanical fiber or less), including prime-coated body stock, two sides coated .....	1,000 s tons .....	2002..	15	X P3 917.0 3 419 785
			1997..	16	X 4 007.3 3 790 809
3221211Y	Paper, printing and converting, clay-coated, nsk .....		2002..	N	X —
			1997..	N	X —
3221211YVW	Paper, printing and converting, clay-coated, nsk .....		2002..	N	X —

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
322121 3221211 3221211Y 3221211YWV	Paper (except newsprint) mills—Con. Paper, printing and converting, clay-coated—Con. Paper, printing and converting, clay-coated, nsk—Con. Paper, printing and converting, clay-coated, nsk—Con.	1997..	N	X	X	—
3221213	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less) .....	2002.. 1997..	N N	X X	X X	10 095 840 11 633 314
32212131	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), bond and writing, including form bond in rolls .....	2002.. 1997..	N N	X X	X X	2 924 380 3 472 714
3221213111	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), bond and writing, including protective check .....	1,000 s tons..2002.. 1997..	18 18	X X	2 723.3 3 050.4	2 160 125 2 287 119
3221213115	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), form bond in rolls .....	1,000 s tons..2002.. 1997..	10 15	X X	1 072.7 1 866.3	764 255 1 185 595
32212132	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), writing, other types (body stock for communication papers, technical and reproduction, tablet, ledger, onion skin, etc.) .....	2002.. 1997..	N N	X X	X X	2 771 911 2 095 580
3221213221	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), writing, body stock (communication, copying, etc.) .....	1,000 s tons..2002.. 1997..	10 9	X X	2 983.5 1 090.5	2 086 620 787 854
3221213225	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), writing, other technical and reproduction types, including mimeograph and gelatin and spirit process duplicating .....	1,000 s tons..2002.. 1997..	8 10	X X	358.9 1 134.3	479 926 848 845
3221213231	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), writing tablets .....	1,000 s tons..2002.. 1997..	13 11	X X	225.2 P327.8	148 186 216 922
3221213235	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), writing, other types (ledger, onion skin, papeterie and wedding, etc.) .....	1,000 s tons..2002.. 1997..	8 10	X X	78.8 351.0	57 179 241 959
32212133	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), publication and printing, all types .....	2002.. 1997..	N N	X X	X X	2 438 350 2 776 755
3221213341	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), publication and printing, plain (including machine and English finish, antique, bulking, eggshell, and supercalendered) .....	1,000 s tons..2002.. 1997..	11 7	X X	663.4 257.7	622 250 214 668
3221213345	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), publication and printing, offset .....	1,000 s tons..2002.. 1997..	18 23	X X	P1 531.8 2 231.6	1 080 985 1 730 654
3221213351	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), publication and printing, other types .....	1,000 s tons..2002.. 1997..	23 21	X X	Q940.4 P894.5	735 115 831 433
32212134	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), all other types (cover and text papers, envelope, body stock for coating, etc.) .....	2002.. 1997..	N N	X X	X X	1 961 199 3 288 265
3221213461	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), cover and text .....	1,000 s tons..2002.. 1997..	19 18	X X	S 548.8	674 280 899 380
3221213471	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), envelope, white wove .....	1,000 s tons..2002.. 1997..	11 13	X X	1 312.1 1 043.4	831 133 673 392
3221213481	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), envelope, kraft, bleached and brown .....	1,000 s tons..2002.. 1997..	7 10	X X	S Q243.5	179 131 177 234
3221213491	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), all other types, including body stock for coating (base or raw stock for conversion of off-machine coating) .....	1,000 s tons..2002.. 1997..	11 12	X X	310.4 P1 261.4	276 655 1 538 259
3221213Y	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), nsk .....	2002.. 1997..	N N	X X	X X	— —
3221213YWV	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less), nsk .....	2002.. 1997..	N N	X X	X X	— —
3221215	Bristols (weight greater than 150g per square meter), bleached, except cotton fiber index and bogus .....	2002.. 1997..	N N	X X	X X	1 186 783 1 230 728
32212151	Bristols (weight greater than 150g per square meter), bleached, except cotton fiber index and bogus .....	2002.. 1997..	N N	X X	X X	1 186 783 1 230 728
3221215111	Bristols (weight greater than 150g per square meter), bleached, uncoated, tag stock .....	1,000 s tons..2002.. 1997..	7 10	X X	D S	D 150 667
3221215121	Bristols (weight greater than 150g per square meter), bleached, uncoated, file folder stock .....	1,000 s tons..2002.. 1997..	8 10	X X	386.4 311.2	306 389 231 124
3221215131	Bristols (weight greater than 150g per square meter), bleached, uncoated, other types (including tabulating card, index, printing, and postcard stock), except cotton fiber index and bogus .....	1,000 s tons..2002.. 1997..	13 14	X X	336.0 301.9	280 840 269 369
3221215141	Bristols (weight greater than 150g per square meter), bleached, coated, except cotton fiber index and bogus .....	1,000 s tons..2002..	3	X	D	D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322121	Paper (except newsprint) mills—Con.				
3221215	Bristols (weight greater than 150g per square meter), bleached, except cotton fiber index and bogus—Con.				
32212151	Bristols (weight greater than 150g per square meter), bleached, except cotton fiber index and bogus—Con.				
3221215141	Bristols (weight greater than 150g per square meter), bleached, coated, except cotton fiber index and bogus—Con.				
3221215Y	Bristols (weight greater than 150g per square meter), bleached, except cotton fiber index and bogus, nsk	1997.. 5	X	720.0	579 568
3221215YWV	Bristols (weight greater than 150g per square meter), bleached, except cotton fiber index and bogus, nsk	2002.. N 1997.. N	X X	X X	— —
3221217	Paper, cotton fiber (containing 25 percent or more cotton or similar fibers) and thin	2002.. N 1997.. N	X X	X X	533 844 762 448
32212171	Paper, cotton fiber (containing 25 percent or more cotton or similar fibers) and thin	2002.. N 1997.. N	X X	X X	465 683 691 127
3221217111	Paper, cotton fiber (containing 25 percent or more cotton or similar fibers)	1,000 s tons. 2002.. 9 1997.. 11	X X	D 141.5	D 334 311
3221217121	Paper, thin (carbonizing, Bible, mimeograph and duplicating stencil tissue, India, tipping, condenser, cigarette, etc.)	1,000 s tons. 2002.. 4 1997.. 6	X X	D 133.3	D 356 816
3221217Y	Paper, cotton fiber (containing 25 percent or more cotton or similar fibers) and thin, nsk	2002.. N 1997.. N	X X	X X	68 161 71 321
3221217YWV	Paper, cotton fiber (containing 25 percent or more cotton or similar fibers) and thin, nsk	2002.. N 1997.. N	X X	X X	68 161 71 321
3221219	Paper, unbleached, kraft (greater than or equal to 80 percent), packaging and industrial converting type	2002.. N 1997.. N	X X	X X	954 175 1 292 969
32212191	Paper, unbleached, kraft (greater than or equal to 80 percent), packaging and industrial converting type	2002.. N 1997.. N	X X	X X	954 175 1 280 676
3221219111	Paper, unbleached, kraft (greater than or equal to 80 percent), shipping sack, including paper meeting minimum Federal specifications UU-S-48	1,000 s tons. 2002.. 8 1997.. 4	X X	459.4 440.5	199 937 219 367
3221219121	Paper, unbleached, kraft (greater than or equal to 80 percent), bag and sack (grocers', notion, millinery, etc.), except shipping	1,000 s tons. 2002.. 12 1997.. 16	X X	P526.8 1 252.9	225 575 625 092
3221219131	Paper, unbleached, kraft (greater than or equal to 80 percent), wrapping and specialty packaging (flour, sugar, dog and fast foods, dairy products, etc.), 92 lb or less	1,000 s tons. 2002.. 12 1997.. 10	X X	P200.1 156.6	163 919 97 575
3221219191	Paper, unbleached, kraft (greater than or equal to 80 percent), other converting paper (creping (92 lb or less), asphaltting, coating and laminating, gumming, etc.)	1,000 s tons. 2002.. 11 1997.. 11	X X	¶603.7 913.6	364 744 338 642
3221219Y	Paper, unbleached, kraft (greater than or equal to 80 percent), packaging and industrial converting type, nsk	2002.. N 1997.. N	X X	X X	— 12 293
3221219YWV	Paper, unbleached, kraft (greater than or equal to 80 percent), packaging and industrial converting type, nsk	2002.. N 1997.. N	X X	X X	— 12 293
322121A	Paper, packaging and industrial converting type, except unbleached kraft	2002.. N 1997.. N	X X	X X	876 648 1 098 365
322121A1	Paper, packaging and industrial converting type, except unbleached kraft	2002.. N 1997.. N	X X	X X	876 648 1 080 132
322121A111	Paper, shipping sack paper (including combination kraft and rope, bleached and semibleached), except unbleached kraft	1,000 s tons. 2002.. 6 1997.. 3	X X	54.1 32.7	50 500 26 655
322121A121	Paper, bag and sack, other types (grocers', liquor, millinery, notion, variety, etc.), except unbleached kraft and shipping	1,000 s tons. 2002.. 8 1997.. 8	X X	155.9 178.1	121 161 118 656
322121A131	Paper, specialty packaging (92 lbs or less) and wrapping (butcher, flour, sugar, fast foods, confectionery, etc.), except unbleached kraft	1,000 s tons. 2002.. 21 1997.. 16	X X	¶457.6 ¶626.6	455 065 687 977
322121A141	Paper, converting stock, other types (including asphaltting and creping stocks (<= 92 lb), coating and laminating, gummed, twisting and spinning stock (>= 19 lb), and waxing stock (>= 18 lb)	1,000 s tons. 2002.. 12 1997.. 11	X X	159.0 ¶165.3	138 706 189 982
322121A151	Paper, glassine, greaseproof, and vegetable parchment, all grades regardless of end use (92 lb or less)	1,000 s tons. 2002.. 10 1997.. 6	X X	¶96.0 45.1	111 216 56 862
322121AY	Paper, packaging and industrial converting type, except unbleached kraft, nsk	2002.. N 1997.. N	X X	X X	— 18 233
322121AYWV	Paper, packaging and industrial converting type, except unbleached kraft, nsk	2002.. N 1997.. N	X X	X X	— 18 233
322121C	Paper, industrial, special type (absorbent, battery separator, electrical, etc.), except specialty packaging	2002.. N 1997.. N	X X	X X	1 692 695 1 843 513

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322121	Paper (except newsprint) mills—Con.				
322121C	Paper, industrial, special type (absorbent, battery separator, electrical, etc.), except specialty packaging—Con.				
322121C1	Paper, industrial, special type (absorbent, battery separator, electrical, etc.), except specialty packaging . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 692 695 1 843 513
322121C100	Paper, industrial, special type (absorbent, battery separator, electrical, etc.), except specialty packaging . . . . . 1,000 s tons . . . . .	2002 . . . . . 34 1997 . . . . . 35	X X	S P987.9	1 692 695 1 843 513
322121E	Paper, construction . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D D
322121E1	Paper, construction . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D D
322121E111	Paper, construction, felts, roofing, saturating and dry . . . . . 1,000 s tons . . . . .	2002 . . . . . 9 1997 . . . . . 12	X X	284.1 340.7	138 515 93 423
322121E121	Paper, construction, other types (sheathing, floor covering felts, automotive, insulating blankets, etc.) . . . . . 1,000 s tons . . . . .	2002 . . . . . 11 1997 . . . . . 9	X X	D S	D D
322121EY	Paper, construction, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	— —
322121EYVW	Paper, construction, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	— —
322121G	Paper, tissue and other machine-creped types . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 036 448 2 364 687
322121G1	Paper, tissue, toilet stock . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	706 459 753 376
322121G111	Paper, tissue, toilet stock . . . . . 1,000 s tons . . . . .	2002 . . . . . 14 1997 . . . . . 20	X X	P719.2 841.5	706 459 753 376
322121G2	Paper, toweling stock, except wiper . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	567 808 786 040
322121G221	Paper, toweling stock, except wiper . . . . . 1,000 s tons . . . . .	2002 . . . . . 12 1997 . . . . . 19	X X	726.0 914.8	567 808 786 040
322121G3	Paper, tissue and other machine-creped, other types, except toilet and toweling stock . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	762 181 825 271
322121G331	Paper, tissue, facial stock (except toweling, napkin, and toilet) . . . . . 1,000 s tons . . . . .	2002 . . . . . 6 1997 . . . . . 7	X X	S 20.5	52 380 21 440
322121G341	Paper, napkin stock, except sanitary wadding . . . . . 1,000 s tons . . . . .	2002 . . . . . 11 1997 . . . . . 18	X X	433.2 293.6	287 217 281 974
322121G351	Paper, wiper stock (regular, facial, and wadding) . . . . . 1,000 s tons . . . . .	2002 . . . . . 4 1997 . . . . . 3	X X	35.7 6.4	43 273 10 361
322121G361	Paper, sanitary stock, other types (napkin wadding, aseptic, reinforced, etc.) . . . . . 1,000 s tons . . . . .	2002 . . . . . 13 1997 . . . . . 13	D N	S 273.9	202 975 264 603
322121G371	Paper, wrapping tissue (florist stock, hosiery, interleaving, antitarnish, etc.) . . . . . 1,000 s tons . . . . .	2002 . . . . . 7 1997 . . . . . 8	X X	P63.4 S	109 680 116 987
322121G391	Paper, tissue stock, all other types (except sanitary and thin), including waxing and creped wadding for interior packaging . . . . . 1,000 s tons . . . . .	2002 . . . . . 5 1997 . . . . . 9	X X	S 120.1	66 656 129 906
322121GY	Paper, tissue and other machine-creped types, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	— —
322121GYVW	Paper, tissue and other machine-creped types, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	— —
322121K	Paper, disposable diapers and similar products, made in paper mills . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D N
322121K1	Paper, disposable diapers and similar products (including sanitary napkins, tampons, training pants, and incontinent pads), made in paper mills . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D N
322121K100	Paper, disposable diapers and similar products (including sanitary napkins, tampons, training pants, and incontinent pads), made in paper mills . . . . . millions . . . . .	2002 . . . . . 5 1997 . . . . . N	X X	D N	D N
322121N	Paper, sanitary tissue products, made in paper mills . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	12 560 475 9 293 076
322121N1	Paper, facial tissues and handkerchiefs, including sputum wipes, made in paper mills . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 099 125 795 176
322121N111	Paper, facial tissues and handkerchiefs, including sputum wipes, made in paper mills . . . . . 1,000 s tons . . . . .	2002 . . . . . 10 1997 . . . . . 9	X X	S 258.0	2 099 125 795 176
322121N2	Paper, table napkins, industrial and retail packages, bulk and dispenser types, made in paper mills . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	908 082 D
322121N201	Paper, table napkins, industrial and retail packages, bulk and dispenser types, made in paper mills . . . . . 1,000 s tons . . . . .	2002 . . . . . 10 1997 . . . . . N	X X	P522.3 N	908 082 N
322121N3	Paper, toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more, made in paper mills . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 544 136 1 282 722
322121N331	Paper, toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more, made in paper mills . . . . . 1,000 s tons . . . . .	2002 . . . . . 8 1997 . . . . . 9	X X	S P644.7	3 544 136 1 282 722
322121N4	Paper, toilet tissue, retail packages, rolls and ovals, regular type, single-ply, made in paper mills . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	803 473 D
322121N433	Paper, toilet tissue, retail packages, rolls and ovals, regular type, single-ply, made in paper mills . . . . . 1,000 s tons . . . . .	2002 . . . . . 6 1997 . . . . . 9	X X	S D	803 473 D
322121N6	Paper, towels, industrial packages (rolled, folded, and interfolded), made in paper mills . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 223 767 791 194

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
322121	Paper (except newsprint) mills—Con.					
322121N	Paper, sanitary tissue products, made in paper mills—Con.					
322121N6	Paper, towels, industrial packages (rolled, folded, and interfolded), made in paper mills—Con.					
322121N661	Paper, towels, industrial packages (rolled, folded, and interfolded), made in paper mills	1,000 s tons	2002.. 7 1997.. 6	X X	S P579.5	2 223 767 791 194
322121N7	Paper, towels, retail packages (rolled, folded, and interfolded), made in paper mills		2002.. N 1997.. N	X X	X X	2 106 632 D
322121N701	Paper, towels, retail packages (rolled, folded, and interfolded), made in paper mills	1,000 s tons	2002.. 8 1997.. N	X X	S N	2 106 632 N
322121N9	Paper, sanitary tissue products, other types (toilet (industrial packaged, all types), paper wipers (except nonwoven), absorbent pads, etc.), made in paper mills		2002.. N 1997.. N	X X	X X	826 988 N
322121N901	Paper, sanitary tissue products, other types (toilet (industrial packaged, all types), paper wipers (except nonwoven), absorbent pads, etc.), made in paper mills	1,000 s tons	2002.. 8 1997.. N	X X	S N	826 988 N
322121NY	Paper, sanitary tissue products, made in paper mills, nsk		2002.. N 1997.. N	X X	X X	48 272 70 255
322121NYWV	Paper, sanitary tissue products, made in paper mills, nsk		2002.. N 1997.. N	X X	X X	48 272 70 255
322121W	Paper (except newsprint) mills, nsk, total		2002.. N 1997.. N	X X	X X	31 293 47 078
322121WY	Paper (except newsprint) mills, nsk, total		2002.. N 1997.. N	X X	X X	31 293 47 078
322121WYWW	Paper (except newsprint) mills, nsk, for nonadministrative-record establishments		2002.. N 1997.. N	X X	X X	31 293 47 078
322121WYWY	Paper (except newsprint) mills, nsk, for administrative-record establishments		2002.. N 1997.. N	X X	X X	— —
322122	Newsprint mills		2002.. N 1997.. N	X X	X X	3 419 229 5 045 995
3221221	Newsprint		2002.. N 1997.. N	X X	X X	2 533 179 3 712 495
32212211	Newsprint		2002.. N 1997.. N	X X	X X	2 533 179 3 712 495
3221221100	Newsprint	1,000 s tons	2002.. 14 1997.. 21	X X	S 7 146.9	2 533 179 3 712 495
3221223	Groundwood paper (containing more than 10 percent mechanical fiber), uncoated, made from pulp		2002.. N 1997.. N	X X	X X	883 787 1 333 500
32212231	Groundwood paper (containing more than 10 percent mechanical fiber), uncoated, made from pulp		2002.. N 1997.. N	X X	X X	883 787 1 333 500
3221223111	Groundwood paper, uncoated, publication and printing, including supercalendered	1,000 s tons	2002.. 11 1997.. 16	X X	P1 212.2 1 820.4	748 818 1 250 761
3221223121	Groundwood paper, uncoated, other types (including converting, form bond, wallpaper base, and body stock for coating)	1,000 s tons	2002.. 4 1997.. 7	X X	173.3 111.4	134 969 82 739
3221223Y	Groundwood paper (containing more than 10 percent mechanical fiber), uncoated, made from pulp, nsk		2002.. N 1997.. N	X X	X X	— —
3221223YWV	Groundwood paper (containing more than 10 percent mechanical fiber), uncoated, made from pulp, nsk		2002.. N 1997.. N	X X	X X	— —
322122W	Newsprint mills, nsk, total		2002.. N 1997.. N	X X	X X	2 263 —
322122WY	Newsprint mills, nsk, total		2002.. N 1997.. N	X X	X X	2 263 —
322122WYWW	Newsprint mills, nsk, for nonadministrative-record establishments		2002.. N 1997.. N	X X	X X	1 620 —
322122WYWY	Newsprint mills, nsk, for administrative-record establishments		2002.. N 1997.. N	X X	X X	643 —
322130	Paperboard mills		2002.. N 1997.. N	X X	X X	19 762 669 18 681 404
3221301	Unbleached kraft packaging and industrial converting paperboard (80 percent or more virgin woodpulp)		2002.. N 1997.. N	X X	X X	8 075 890 7 443 912
32213011	Unbleached kraft linerboard		2002.. N 1997.. N	X X	X X	6 770 515 6 195 050
3221301111	Unbleached kraft linerboard	1,000 s tons	2002.. 18 1997.. 22	X X	P17 096.7 18 560.3	6 770 515 6 195 050
32213012	Other unbleached kraft packaging and industrial converting paperboard, including tube, can, and drum paperboard, corrugating medium, folding carton-type board, etc.		2002.. N 1997.. N	X X	X X	1 304 751 1 248 862
3221301221	Other unbleached kraft packaging and industrial converting paperboard, including tube, can, and drum paperboard, corrugating medium, folding carton-type board, etc.	1,000 s tons	2002.. 14 1997.. 11	X X	S 2 962.4	1 304 751 1 248 862
3221301Y	Unbleached kraft packaging and industrial converting paperboard (80 percent or more virgin woodpulp), nsk		2002.. N 1997.. N	X X	X X	624 —
3221301YWV	Unbleached kraft packaging and industrial converting paperboard (80 percent or more virgin woodpulp), nsk		2002.. N 1997.. N	X X	X X	624 —

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322130	Paperboard mills—Con.				
3221303	Bleached packaging and industrial converting paperboard (80 percent or more virgin bleached woodpulp) .....	2002 . . . . . N	X	X	4 234 184
		1997 . . . . . N	X	X	3 971 630
32213031	Bleached folding carton-type paperboard .....	2002 . . . . . N	X	X	1 559 984
		1997 . . . . . N	X	X	1 848 375
3221303111	Bleached folding carton-type paperboard .....	2002 . . . . . 9	X	2 310.0	1 559 984
		1997 . . . . . 11	X	2 585.4	1 848 375
32213032	Bleached milk carton board .....	2002 . . . . . N	X	X	820 967
		1997 . . . . . N	X	X	923 553
3221303221	Bleached milk carton board .....	2002 . . . . . 6	X	1 192.4	820 967
		1997 . . . . . 5	X	1 166.1	923 553
32213033	Other solid bleached paperboard, including linerboard, heavyweight cup and round nested food container board, plate, dish, and tray stock, and paperboard for moist, liquid, and oily foods .....	2002 . . . . . N	X	X	1 593 861
		1997 . . . . . N	X	X	1 199 702
3221303331	Bleached linerboard .....	2002 . . . . . 8	X	451.1	277 548
		1997 . . . . . 9	X	275.9	193 337
3221303341	Bleached heavyweight cup and round nested food container paperboard .....	2002 . . . . . 6	X	648.4	423 205
		1997 . . . . . 10	X	856.8	564 273
3221303351	Bleached plate, dish, and tray paperboard stock .....	2002 . . . . . 9	X	397.3	214 073
		1997 . . . . . 9	X	362.5	211 968
3221303361	Other solid bleached paperboard, including paperboard for moist, liquid, and oily foods .....	2002 . . . . . 11	X	S	679 035
		1997 . . . . . 6	X	376.7	230 124
3221303Y	Bleached packaging and industrial converting paperboard (80 percent or more virgin bleached woodpulp), nsk .....	2002 . . . . . N	X	X	259 372
		1997 . . . . . N	X	X	—
3221303YVW	Bleached packaging and industrial converting paperboard (80 percent or more virgin bleached woodpulp), nsk .....	2002 . . . . . N	X	X	259 372
		1997 . . . . . N	X	X	—
3221305	Semichemical paperboard, including corrugating medium (75 percent or more virgin woodpulp) .....	2002 . . . . . N	X	X	1 049 286
		1997 . . . . . N	X	X	815 423
32213051	Semichemical paperboard, including corrugating medium (75 percent or more virgin woodpulp) .....	2002 . . . . . N	X	X	1 049 286
		1997 . . . . . N	X	X	815 423
3221305100	Semichemical paperboard, including corrugating medium (75 percent or more virgin woodpulp) .....	2002 . . . . . 9	X	146.9	1 049 286
		1997 . . . . . 9	X	475.7	815 423
3221307	Recycled paperboard .....	2002 . . . . . N	X	X	6 362 711
		1997 . . . . . N	X	X	6 362 406
32213071	Recycled corrugating medium .....	2002 . . . . . N	X	X	1 573 708
		1997 . . . . . N	X	X	1 405 449
3221307111	Recycled corrugating medium .....	2002 . . . . . 27	X	557.4	1 573 708
		1997 . . . . . 34	X	722.1	1 405 449
32213072	Recycled linerboard and container chip and filler board .....	2002 . . . . . N	X	X	1 813 226
		1997 . . . . . N	X	X	1 854 183
3221307221	Recycled linerboard .....	2002 . . . . . 18	X	519.1	1 773 521
		1997 . . . . . 25	X	433.3	1 800 003
3221307231	Recycled container chip and filler board .....	2002 . . . . . 5	X	98.4	39 705
		1997 . . . . . 5	X	S	54 180
32213073	Recycled clay-coated folding carton board .....	2002 . . . . . N	X	X	982 166
		1997 . . . . . N	X	X	1 046 000
3221307341	Recycled clay-coated folding carton board .....	2002 . . . . . 8	X	210.0	982 166
		1997 . . . . . 11	X	219.4	1 046 000
32213074	Recycled unlined folding carton chipboard, and lined, including kraft and white .....	2002 . . . . . N	X	X	482 746
		1997 . . . . . N	X	X	478 890
3221307451	Recycled unlined folding carton chipboard .....	2002 . . . . . 10	X	S	251 635
		1997 . . . . . 15	X	788.5	292 992
3221307461	Recycled lined folding carton board, including kraft and white .....	2002 . . . . . 9	X	437.8	231 111
		1997 . . . . . 13	X	434.6	185 898
32213075	Other recycled paperboard, including setup, tube, can, and drum stock, gypsum linerboard, panelboard and wallboard stock, and other special combination packaging and converting paperboard .....	2002 . . . . . N	X	X	1 326 040
		1997 . . . . . N	X	X	1 567 273
3221307571	Recycled setup board .....	2002 . . . . . 6	X	S	115 207
		1997 . . . . . 6	X	175.5	77 582
3221307575	Recycled tube, can, and drum paperboard stock .....	2002 . . . . . 8	X	214.2	483 446
		1997 . . . . . 14	X	754.4	699 169
3221307581	Recycled gypsum linerboard .....	2002 . . . . . 8	X	914.4	393 432
		1997 . . . . . 6	X	870.5	390 640
3221307591	Other recycled paperboard, including panelboard and wallboard stock and other special combination packaging and industrial converting paperboard .....	2002 . . . . . 17	X	S	333 955
		1997 . . . . . 19	X	1 030.1	399 882
3221307Y	Recycled paperboard, nsk .....	2002 . . . . . N	X	X	184 825
		1997 . . . . . N	X	X	10 611
3221307YVW	Recycled paperboard, nsk .....	2002 . . . . . N	X	X	184 825
		1997 . . . . . N	X	X	10 611
3221309	Wet machine board, including binders' board and shoe board .....	2002 . . . . . N	X	X	28 486
		1997 . . . . . N	X	X	86 373
32213091	Wet machine board, including binders' board and shoe board .....	2002 . . . . . N	X	X	28 486
		1997 . . . . . N	X	X	86 373
3221309100	Wet machine board, including binders' board and shoe board .....	2002 . . . . . 4	X	52.4	28 486
		1997 . . . . . 7	X	S	86 373
322130W	Paperboard mills, nsk, total .....	2002 . . . . . N	X	X	12 112
		1997 . . . . . N	X	X	D
322130WY	Paperboard mills, nsk, total .....	2002 . . . . . N	X	X	12 112
		1997 . . . . . N	X	X	1 660

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322130	Paperboard mills—Con.				
322130W	Paperboard mills, nsk, total—Con.				
322130WY	Paperboard mills, nsk, total—Con.				
322130WYWW	Paperboard mills, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	12 112
		1997.. N	X	X	1 660
322130WYWY	Paperboard mills, nsk, for administrative-record establishments .....	2002.. N	X	X	—
		1997.. N	X	X	—
322211	Corrugated and solid fiber box manufacturing .....	2002.. N	X	X	27 900 717
		1997.. N	X	X	24 075 306
3222110	Corrugated and solid fiber boxes, including pallets .....	2002.. N	X	X	27 900 717
		1997.. N	X	X	24 075 306
32221101	Corrugated shipping containers for food and beverages and carryout boxes for retail food .....	2002.. N	X	X	6 390 447
		1997.. N	X	X	5 503 790
3222110111	Corrugated shipping containers for food and beverages .....	2002.. 162	X	P118 126.5	5 810 495
	mil sq ft .....	1997.. 207	X	P119 535.0	5 100 492
3222110114	Corrugated carryout boxes for retail food .....	2002.. 45	X	S	579 952
	mil sq ft .....	1997.. 63	X	98 721.9	403 298
32221102	Corrugated shipping containers for paper and allied products .....	2002.. N	X	X	1 860 496
		1997.. N	X	X	2 293 320
3222110221	Corrugated shipping containers for paper and allied products .....	2002.. 146	X	936 519.5	1 860 496
	mil sq ft .....	1997.. 209	X	951 061.8	2 293 320
32221103	Corrugated shipping containers for metal and electrical machinery, equipment, supplies, products, and appliances .....	2002.. N	X	X	2 277 794
		1997.. N	X	X	2 261 142
3222110341	Corrugated shipping containers for metal products, machinery, equipment, and supplies, except electrical .....	2002.. 176	X	S	1 215 755
	mil sq ft .....	1997.. 242	X	919 292.5	1 297 515
3222110345	Corrugated shipping containers for electrical machinery, equipment, supplies, and appliances .....	2002.. 145	X	S	1 062 039
	mil sq ft .....	1997.. 194	X	914 190.0	963 627
32221104	Other corrugated shipping containers for all other end uses .....	2002.. N	X	X	5 435 842
		1997.. N	X	X	6 655 483
3222110431	Corrugated shipping containers for glass, clay, and stone products .....	2002.. 77	X	96 168.0	319 737
	mil sq ft .....	1997.. 115	X	12 196.2	565 839
3222110433	Corrugated shipping containers for chemicals and drugs, including paints, varnishes, cosmetics, and soaps .....	2002.. 109	X	S	771 102
	mil sq ft .....	1997.. 168	X	917 705.3	923 363
3222110435	Corrugated shipping containers for lumber and wood products, including furniture .....	2002.. 105	X	S	536 549
	mil sq ft .....	1997.. 164	X	911 913.9	679 856
3222110437	Corrugated shipping containers for all other end uses (leather, rubber, plastics, petroleum, etc.) .....	2002.. 168	X	X	3 808 454
		1997.. 260	X	X	4 486 425
32221105	Corrugated paperboard in sheets and rolls, lined and unlined .....	2002.. N	X	X	2 995 707
		1997.. N	X	X	2 281 883
3222110551	Corrugated paperboard in sheets and rolls, lined and unlined .....	2002.. 111	X	X	2 995 707
		1997.. 97	X	X	2 281 883
32221106	Other corrugated and solid fiber products, including containers, pallets, pads, partitions, point-of-purchase displays, etc. ....	2002.. N	X	X	6 211 008
		1997.. N	X	X	2 361 850
3222110661	Corrugated solid fiber containers .....	2002.. 55	X	X	687 579
		1997.. 51	X	X	429 938
3222110665	Corrugated and solid fiber pallets, pads, and partitions .....	2002.. 113	X	X	2 761 986
		1997.. 136	X	X	597 084
3222110691	Other corrugated and solid fiber products, including point-of-purchase displays, etc. ....	2002.. 178	X	X	2 761 443
		1997.. 184	X	X	1 334 828
3222110Y	Corrugated and solid fiber boxes, including pallets, nsk, total .....	2002.. N	X	X	2 729 423
		1997.. N	X	X	2 717 838
3222110YWW	Corrugated and solid fiber boxes, including pallets, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	1 858 024
		1997.. N	X	X	2 194 725
3222110YWY	Corrugated and solid fiber boxes, including pallets, nsk, for administrative-record establishments .....	2002.. N	X	X	871 399
		1997.. N	X	X	523 113
322212	Folding paperboard box manufacturing .....	2002.. N	X	X	8 204 074
		1997.. N	X	X	8 564 381
3222120	Folding paperboard boxes, packaging, and packaging components .....	2002.. N	X	X	8 204 074
		1997.. N	X	X	8 564 381
32221201	Folding paperboard boxes for dry food and produce, including pet and animal food .....	2002.. N	X	X	1 173 657
		1997.. N	X	X	869 959
3222120111	Folding paperboard boxes for dry food and produce, including pet and animal food .....	2002.. 74	X	S	1 173 657
	1,000 s tons .....	1997.. 74	X	9683.3	869 959
32221202	Folding paperboard boxes for bottled and canned beverages, including carriers for alcoholic and nonalcoholic beverages .....	2002.. N	X	X	1 253 401
		1997.. N	X	X	888 345
3222120221	Folding paperboard boxes for bottled and canned beverages, including carriers for alcoholic and nonalcoholic beverages .....	2002.. 31	X	S	1 253 401
	1,000 s tons .....	1997.. 34	X	9762.7	888 345
32221203	Folding paperboard boxes for cosmetics and medicinal products .....	2002.. N	X	X	569 016
		1997.. N	X	X	752 134
3222120331	Folding paperboard boxes for cosmetics .....	2002.. 63	X	X	258 915
		1997.. 73	X	X	298 555
3222120335	Folding paperboard boxes for medicinal products .....	2002.. 70	X	X	310 101
		1997.. 85	X	X	453 579

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322212	Folding paperboard box manufacturing—Con.				
3222120	Folding paperboard boxes, packaging, and packaging components—Con.				
32221204	Folding paperboard boxes for paper goods or products, including book mailers .....	2002 . . . . . N 1997 . . . . . N	X X	X X	447 697 383 201
3222120441	Folding paperboard boxes for paper goods or products, including book mailers .....	1,000 s tons . . . . . 2002 . . . . . 59 1997 . . . . . 83	X X	S S	447 697 383 201
32221205	Folding paperboard boxes for fresh bakery products, butter, and ice cream and food pails .....	2002 . . . . . N 1997 . . . . . N	X X	X X	441 649 537 496
3222120551	Folding paperboard boxes for fresh bakery products .....	1,000 s tons . . . . . 2002 . . . . . 43 1997 . . . . . 57	X X	S S	284 569 254 949
3222120555	Folding paperboard boxes for butter and ice cream and food pails .....	1,000 s tons . . . . . 2002 . . . . . 22 1997 . . . . . 38	X X	S S	157 080 282 547
32221206	Folding paperboard boxes and packaging components for all other end uses .....	2002 . . . . . N 1997 . . . . . N	X X	X X	3 144 921 4 105 083
3222120661	Folding paperboard boxes for biscuits and crackers .....	1,000 s tons . . . . . 2002 . . . . . 24 1997 . . . . . 39	X X	S S	149 883 230 122
3222120663	Folding paperboard boxes for candy .....	2002 . . . . . 64 1997 . . . . . 73	X X	X X	180 662 230 058
3222120665	Folding paperboard boxes for processed meats, margarine, lard, and shortening .....	1,000 s tons . . . . . 2002 . . . . . 36 1997 . . . . . 30	X X	S S	132 128 146 010
3222120667	Folding paperboard boxes for frozen foods .....	1,000 s tons . . . . . 2002 . . . . . 50 1997 . . . . . 53	X X	S S	698 517 426 159
3222120671	Folding paperboard carryout boxes and trays for retail food .....	1,000 s tons . . . . . 2002 . . . . . 34 1997 . . . . . 39	X X	S S	327 134 395 806
3222120673	Folding paperboard boxes for sporting goods, toys, and photographic equipment .....	1,000 s tons . . . . . 2002 . . . . . 56 1997 . . . . . 58	X X	S S	126 692 165 488
3222120675	Folding paperboard boxes for soaps and detergents .....	1,000 s tons . . . . . 2002 . . . . . 25 1997 . . . . . 40	X X	S S	139 897 308 885
3222120677	Folding paperboard boxes for tobacco .....	1,000 s tons . . . . . 2002 . . . . . 18 1997 . . . . . 18	X X	S S	133 954 365 543
3222120681	Folding paperboard boxes for hardware and household supplies .....	2002 . . . . . 82 1997 . . . . . 117	X X	X X	337 972 523 133
3222120683	Paperboard backs for blister and skin packaging .....	2002 . . . . . 26 1997 . . . . . 37	X X	X X	102 589 160 350
3222120691	Folding paperboard boxes, packaging, and packaging components for all other end uses .....	2002 . . . . . 125 1997 . . . . . 187	X X	X X	815 493 1 153 529
3222120Y	Folding paperboard boxes, packaging, and packaging components, nsk, total .....	2002 . . . . . N 1997 . . . . . N	X X	X X	1 173 733 1 028 163
3222120YWW	Folding paperboard boxes, packaging, and packaging components, nsk, for nonadministrative-record establishments .....	2002 . . . . . N 1997 . . . . . N	X X	X X	992 914 886 199
3222120YWY	Folding paperboard boxes, packaging, and packaging components, nsk, for administrative-record establishments .....	2002 . . . . . N 1997 . . . . . N	X X	X X	180 819 141 964
322213	Setup paperboard box manufacturing .....	2002 . . . . . N 1997 . . . . . N	X X	X X	746 051 635 310
3222130	Setup (rigid) paperboard boxes .....	2002 . . . . . N 1997 . . . . . N	X X	X X	746 051 635 310
32221301	Setup (rigid) paperboard boxes, classified by end use .....	2002 . . . . . N 1997 . . . . . N	X X	X X	656 128 559 068
3222130111	Setup (rigid) paperboard boxes for textiles, wearing apparel, and hosiery .....	2002 . . . . . 34 1997 . . . . . 47	X X	X X	84 837 62 446
3222130121	Setup (rigid) paperboard boxes for department stores and other retail stores .....	2002 . . . . . 37 1997 . . . . . 48	X X	X X	147 890 108 368
3222130131	Setup (rigid) paperboard boxes for confections .....	2002 . . . . . 30 1997 . . . . . 42	X X	X X	31 309 64 143
3222130141	Setup (rigid) paperboard boxes for cosmetics, including soap .....	2002 . . . . . 24 1997 . . . . . 27	X X	X X	63 624 67 553
3222130191	Setup (rigid) paperboard boxes for all other end uses (including stationery and office supplies, and hardware and household supplies) .....	2002 . . . . . 97 1997 . . . . . 110	X X	X X	328 468 256 558
3222130Y	Setup (rigid) paperboard boxes, nsk, total .....	2002 . . . . . N 1997 . . . . . N	X X	X X	89 923 76 242
3222130YWW	Setup (rigid) paperboard boxes, nsk, for nonadministrative-record establishments .....	2002 . . . . . N 1997 . . . . . N	X X	X X	83 571 58 250
3222130YWY	Setup (rigid) paperboard boxes, nsk, for administrative-record establishments .....	2002 . . . . . N 1997 . . . . . N	X X	X X	6 352 17 992
322214	Fiber can, tube, drum, and similar products manufacturing .....	2002 . . . . . N 1997 . . . . . N	X X	X X	1 947 307 2 144 548
3222141	Paperboard fiber drums with ends of any material .....	2002 . . . . . N 1997 . . . . . N	X X	X X	352 992 374 327
32221411	Paperboard fiber drums with ends of any material .....	2002 . . . . . N 1997 . . . . . N	X X	X X	352 992 374 327
3222141100	Paperboard fiber drums with ends of any material .....	2002 . . . . . 18 1997 . . . . . 14	X X	X X	352 992 374 327

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322214	Fiber can, tube, drum, and similar products manufacturing—Con.				
3222143	Fiber cans, tubes, and similar fiber products .....	2002.. N	X	X	1 529 199
		1997.. N	X	X	1 657 352
32221431	Fiber cans, all fiber and composite .....	2002.. N	X	X	D
		1997.. N	X	X	512 859
3222143111	Fiber cans, all fiber and composite .....	2002.. 16	X	X	D
		1997.. 16	X	X	512 859
32221432	Fiber cores and tubes .....	2002.. N	X	X	922 081
		1997.. N	X	X	1 021 670
3222143221	Fiber cores and tubes .....	2002.. 47	X	X	922 081
	1,000 s tons .....	1997.. 54	X	91 212.6	1 021 670
32221433	Paperboard cones, reels, spools, bobbins, blocks, and all vulcanized fiber products .....	2002.. N	X	X	D
		1997.. N	X	X	87 706
3222143301	Paperboard cones, reels, spools, bobbins, blocks, and all vulcanized fiber products .....	2002.. 10	X	X	D
		1997.. N	X	X	N
3222143Y	Fiber cans, tubes, and similar fiber products, nsk .....	2002.. N	X	X	29 159
		1997.. N	X	X	35 117
3222143YVW	Fiber cans, tubes, and similar fiber products, nsk .....	2002.. N	X	X	29 159
		1997.. N	X	X	35 117
322214W	Fiber can, tube, drum, and similar products manufacturing, nsk, total .....	2002.. N	X	X	65 116
		1997.. N	X	X	112 869
322214WY	Fiber can, tube, drum, and similar products manufacturing, nsk, total .....	2002.. N	X	X	65 116
		1997.. N	X	X	112 869
322214WYWW	Fiber can, tube, drum, and similar products manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	14 631
		1997.. N	X	X	18 737
322214WYWY	Fiber can, tube, drum, and similar products manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	50 485
		1997.. N	X	X	94 132
322215	Nonfolding sanitary food container manufacturing .....	2002.. N	X	X	2 973 261
		1997.. N	X	X	2 482 816
3222151	Milk and milk-type paperboard cartons, including juice, beverage, and other products .....	2002.. N	X	X	735 001
		1997.. N	X	X	672 333
32221511	Milk and milk-type paperboard cartons, including juice, beverage, and other products .....	2002.. N	X	X	735 001
		1997.. N	X	X	672 333
3222151100	Milk and milk-type paperboard cartons, including juice, beverage, and other products .....	2002.. 6	X	S	735 001
	1,000 s tons .....	1997.. 7	X	486.1	672 333
3222153	Cups and liquid-tight paper and paperboard containers .....	2002.. N	X	X	1 428 315
		1997.. N	X	X	1 132 893
32221531	Cups and liquid-tight paper and paperboard containers .....	2002.. N	X	X	1 301 553
		1997.. N	X	X	1 112 955
3222153111	Liquid-tight and round-nested paperboard food containers, including lids and tops .....	2002.. 5	X	S	339 946
	1,000 s tons .....	1997.. 5	X	S	217 801
3222153121	Paperboard drinking cups and portion serving cups .....	2002.. 18	X	S	961 607
	1,000 s tons .....	1997.. 20	X	S	895 154
3222153Y	Cups and liquid-tight paper and paperboard containers, nsk .....	2002.. N	X	X	126 782
		1997.. N	X	X	19 938
3222153YVW	Cups and liquid-tight paper and paperboard containers, nsk .....	2002.. N	X	X	126 782
		1997.. N	X	X	19 938
3222155	Other sanitary paper and paperboard food containers, boards, and trays, except folding .....	2002.. N	X	X	754 327
		1997.. N	X	X	651 125
32221551	Other sanitary paper and paperboard food containers, boards, and trays, except folding .....	2002.. N	X	X	747 261
		1997.. N	X	X	635 683
3222155111	Pressed paperboard plates, dishes, spoons, and similar products .....	2002.. 10	X	S	645 530
	1,000 s tons .....	1997.. 16	X	S	441 475
3222155121	Other sanitary paper and paperboard items, including tablecloths, soda straws, and ovenable paperboard food trays .....	2002.. 18	X	X	101 731
		1997.. 16	X	X	194 208
3222155Y	Other sanitary paper and paperboard food containers, boards, and trays, except folding, nsk .....	2002.. N	X	X	7 066
		1997.. N	X	X	15 442
3222155YVW	Other sanitary paper and paperboard food containers, boards, and trays, except folding, nsk .....	2002.. N	X	X	7 066
		1997.. N	X	X	15 442
322215W	Nonfolding sanitary food container manufacturing, nsk, total .....	2002.. N	X	X	55 618
		1997.. N	X	X	26 465
322215WY	Nonfolding sanitary food container manufacturing, nsk, total .....	2002.. N	X	X	55 618
		1997.. N	X	X	26 465
322215WYWW	Nonfolding sanitary food container manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	39 537
		1997.. N	X	X	11 248
322215WYWY	Nonfolding sanitary food container manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	16 081
		1997.. N	X	X	15 217
322221	Coated and laminated packaging paper and plastics film manufacturing .....	2002.. N	X	X	1 314 690
		1997.. N	X	X	1 473 582
3222211	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses .....	2002.. N	X	X	776 580
		1997.. N	X	X	981 949
32222111	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses .....	2002.. N	X	X	712 668

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments			
				Quantity	Value (\$1,000)		
322221	Coated and laminated packaging paper and plastics film manufacturing—Con.						
3222211	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses—Con.						
32222111	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses—Con.						
		1997..	N	X	X	968 073	
3222211111	Plastics-coated single-web paper, rolls and sheets, for flexible packaging uses .....	1,000 s tons..	2002..	29	X	P113.2	230 166
			1997..	32	X	P193.3	373 263
3222211121	Single-web paper (other than plastics-coated), rolls and sheets, including waxed, for flexible packaging uses .....	1,000 s tons..	2002..	39	X	Q224.7	482 502
			1997..	41	X	P231.7	594 810
3222211Y	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses, nsk .....		2002..	N	X	X	63 912
			1997..	N	X	X	13 876
3222211YVW	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses, nsk .....		2002..	N	X	X	63 912
			1997..	N	X	X	13 876
3222213	Multiweb laminated rolls and sheets, except foil, for flexible packaging uses .....		2002..	N	X	X	426 192
			1997..	N	X	X	461 466
32222131	Paper/paper multiweb laminated rolls and sheets, for flexible packaging uses .....		2002..	N	X	X	221 911
			1997..	N	X	X	267 623
3222213111	Paper/paper multiweb laminated rolls and sheets, for flexible packaging uses .....	1,000 s tons..	2002..	21	X	S	221 911
			1997..	18	X	Q160.3	267 623
32222132	Film/paper multiweb laminated rolls and sheets, for flexible packaging uses .....		2002..	N	X	X	142 345
			1997..	N	X	X	155 937
3222213221	Film/paper multiweb laminated rolls and sheets, for flexible packaging uses .....	1,000 s tons..	2002..	20	X	P23.7	142 345
			1997..	16	X	P37.3	155 937
3222213Y	Multiweb laminated rolls and sheets, except foil, for flexible packaging uses, nsk .....		2002..	N	X	X	61 936
			1997..	N	X	X	37 906
3222213YVW	Multiweb laminated rolls and sheets, except foil, for flexible packaging uses, nsk .....		2002..	N	X	X	61 936
			1997..	N	X	X	37 906
322221W	Coated and laminated packaging paper and plastics film manufacturing, nsk, total .....		2002..	N	X	X	111 918
			1997..	N	X	X	30 167
322221WY	Coated and laminated packaging paper and plastics film manufacturing, nsk, total .....		2002..	N	X	X	111 918
			1997..	N	X	X	30 167
322221WYVW	Coated and laminated packaging paper and plastics film manufacturing, nsk, for nonadministrative-record establishments .....		2002..	N	X	X	43 183
			1997..	N	X	X	3 874
322221WYVY	Coated and laminated packaging paper and plastics film manufacturing, nsk, for administrative-record establishments .....		2002..	N	X	X	68 735
			1997..	N	X	X	26 293
322222	Coated and laminated paper manufacturing .....		2002..	N	X	X	10 912 465
			1997..	N	X	X	11 192 036
3222221	Printing paper, coated at establishments other than where paper was produced .....		2002..	N	X	X	463 450
			1997..	N	X	X	498 250
32222211	Printing paper, coated at establishments other than where paper was produced .....		2002..	N	X	X	427 379
			1997..	N	X	X	449 205
3222221111	Printing paper, coated one side (for labels and similar uses) coated at establishments other than where paper was produced .....		2002..	37	X	X	293 993
			1997..	32	X	X	344 298
3222221121	Printing paper, coated two sides (for printing of magazines, directories, catalogs, and similar uses), coated at establishments other than where paper was produced .....		2002..	14	X	X	133 386
			1997..	12	X	X	104 907
3222221Y	Printing paper, coated at establishments other than where paper was produced, nsk .....		2002..	N	X	X	36 071
			1997..	N	X	X	49 045
3222221YVW	Printing paper, coated at establishments other than where paper was produced, nsk .....		2002..	N	X	X	36 071
			1997..	N	X	X	49 045
3222223	Gummed products .....		2002..	N	X	X	275 735
			1997..	N	X	X	249 377
32222231	Gummed products .....		2002..	N	X	X	248 720
			1997..	N	X	X	221 441
3222223111	Gummed sealing tape, paper base and reinforced base, used for sealing and securing .....		2002..	14	X	X	177 907
			1997..	8	X	X	175 301
3222223121	Other gummed paper products, including flat gummed papers, unprinted stock labels, corrugators' kraft tapes, etc. ....		2002..	11	X	X	70 813
			1997..	5	X	X	46 140
3222223Y	Gummed products, nsk .....		2002..	N	X	X	27 015
			1997..	N	X	X	27 936
3222223YVW	Gummed products, nsk .....		2002..	N	X	X	27 015
			1997..	N	X	X	27 936
3222225	Pressure-sensitive products .....		2002..	N	X	X	6 780 297
			1997..	N	X	X	7 118 564

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322222	Coated and laminated paper manufacturing—Con.				
3222225	Pressure-sensitive products—Con.				
32222251	Pressure-sensitive single-faced tape, paper backing, excluding electrical . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	818 424 783 259
3222225111	Pressure-sensitive single-faced tape, paper backing, excluding electrical . . . . .	2002 . . . . . 31 1997 . . . . . 34	X X	X X	818 424 783 259
32222252	Pressure-sensitive single-faced tape, film backing, excluding electrical . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 594 092 1 423 396
3222225221	Pressure-sensitive single-faced tape, film backing, excluding electrical . . . . .	2002 . . . . . 40 1997 . . . . . 27	X X	X X	1 594 092 1 423 396
32222253	All other pressure-sensitive tape, excluding surgical and rubber-backed . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	801 678 1 154 129
3222225331	Pressure-sensitive single-faced tape, cloth backing, excluding surgical and electrical . . . . .	2002 . . . . . 11 1997 . . . . . 16	X X	X X	125 460 174 172
3222225341	Pressure-sensitive single-faced tape, electrical, all backings (except rubber) . . . . .	2002 . . . . . 13 1997 . . . . . 13	X X	X X	152 955 194 327
3222225351	Pressure-sensitive single-faced tape, reinforced and laminated, all backings, except surgical and rubber-backed . . . . .	2002 . . . . . 19 1997 . . . . . 17	X X	X X	221 667 261 895
3222225361	Pressure-sensitive single-faced tape, other, excluding surgical and rubber-backed . . . . .	2002 . . . . . 21 1997 . . . . . 21	X X	X X	145 307 157 238
3222225371	Pressure-sensitive double-faced tape, excluding surgical and rubber-backed . . . . .	2002 . . . . . 19 1997 . . . . . 18	X X	X X	156 289 366 497
32222254	Pressure-sensitive base stock for labels . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 273 868 2 178 932
3222225475	Pressure-sensitive base stock for labels . . . . .	2002 . . . . . 46 1997 . . . . . 53	X X	X X	2 273 868 2 178 932
32222255	All other pressure-sensitive products, unprinted . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	906 767 1 202 105
3222225581	Pressure-sensitive base stock for other than labels . . . . .	2002 . . . . . 11 1997 . . . . . 16	X X	X X	258 723 421 518
3222225585	Pressure-sensitive labels, unprinted . . . . .	2002 . . . . . 19 1997 . . . . . 25	X X	X X	341 408 290 782
3222225591	All other pressure-sensitive products, unprinted . . . . .	2002 . . . . . 23 1997 . . . . . 22	X X	X X	306 636 489 805
3222225Y	Pressure-sensitive products, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	385 468 376 743
3222225YVV	Pressure-sensitive products, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	385 468 376 743
3222226	Wallcoverings . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	342 359 456 830
32222261	Wallcoverings . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	338 873 450 713
3222226111	Wallcoverings, paper with less than 2 mils of coating . . . . .	2002 . . . . . 11 1997 . . . . . 15	X X	X X	74 980 93 158
3222226121	Wallcoverings, paper-coated or laminated with 2 mils or more of plastics, including prepasted and nonpasted . . . . .	2002 . . . . . 4 1997 . . . . . 11	X X	X X	32 027 114 237
3222226131	Wallcoverings, fabric-backed, coated or laminated, woven . . . . .	2002 . . . . . 6 1997 . . . . . 10	X X	X X	116 923 169 319
3222226141	Wallcoverings, fabric-backed, coated or laminated, nonwoven . . . . .	2002 . . . . . 9 1997 . . . . . 8	X X	X X	99 251 64 531
3222226191	Other wallcoverings, including scenic and panel decorations (excluding rigid panels or tile form wallcoverings and wallcoverings that do not contain some paper or fabrics) . . . . .	2002 . . . . . 7 1997 . . . . . 7	X X	X X	15 692 9 468
3222226Y	Wallcoverings, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 486 6 117
3222226YVV	Wallcoverings, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 486 6 117
322222A	Gift wrap paper . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	419 359 N
322222A1	Gift wrap paper . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	419 359 N
322222A111	Gift wrap paper, retail counter items, all types and weights, in rolls . . . . .	2002 . . . . . 7 1997 . . . . . N	X X	X X	333 836 N
322222A121	Gift wrap paper, retail counter items, all types and weights, in folds . . . . .	2002 . . . . . 2 1997 . . . . . N	X X	X X	D N
322222A131	Laminated aluminum foil gift wrap . . . . . mil lb.	2002 . . . . . 4 1997 . . . . . N	X X	D N	D N
322222A191	Other paper gift wrapping (including counter rolls and flat sheets for stores' own use, and paper gift wrap materials shipped to other manufacturers for further processing) . . . . .	2002 . . . . . 4 1997 . . . . . N	X X	X X	D N
322222AY	Gift wrap paper, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	— N
322222AYVV	Gift wrap paper, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	— N
3222228	Converted foil for nonpackaging applications . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	555 090 N
32222281	Converted foil for nonpackaging applications . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	554 786 N
3222228101	Converted aluminum foil, unmounted or coated, plain or printed, for nonpackaging applications . . . . . mil lb.	2002 . . . . . 16 1997 . . . . . N	X X	P31.0 N	64 617 N

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322222	Coated and laminated paper manufacturing—Con.				
3222228	Converted foil for nonpackaging applications—Con.				
3222281	Converted foil for nonpackaging applications—Con.				
322228106	Converted aluminum foil, laminated to other materials, for nonpackaging applications . . . . . mil lb. .2002 . . . . .	13	X	<sup>9</sup> 85.8	196 057
		N	X	N	N
322228111	Other converted foil, including composition (combination of two metals or more) for nonpackaging applications, and metal leaf (including aluminum leaf) . . . . . mil lb. .2002 . . . . .	15	X	<sup>9</sup> 101.8	294 112
		N	X	N	N
322228Y	Converted foil for nonpackaging applications, nsk . . . . .	N	X	X	304
		N	X	X	N
322228YVW	Converted foil for nonpackaging applications, nsk . . . . .	N	X	X	304
		N	X	X	N
3222229	Other coated and processed papers, except for packaging uses . . . . .	N	X	X	1 593 257
		N	X	X	2 025 694
32222291	Other coated and processed papers, except for packaging uses . . . . .	N	X	X	1 517 319
		N	X	X	1 902 205
3222229111	Processed papers (embossed, leatherette, etc.), except for packaging uses . . . . .	11	X	X	580 200
		11	X	X	211 629
3222229121	Waxed and wax-laminated paper for nonpackaging uses, including household . . . . .	5	X	X	43 551
		12	X	X	78 012
3222229141	Plastics-coated paper, except for packaging uses . . . . .	10	X	X	36 508
		18	X	X	72 551
3222229161	Other coated and processed papers, except for packaging uses, including carbonless, oiled, soap impregnated, treated, etc., but excluding sensitized paper . . . . .	18	X	X	857 060
		N	X	X	N
3222229Y	Other coated and processed papers, except for packaging uses, nsk . . . . .	N	X	X	75 938
		N	X	X	123 489
3222229YVW	Other coated and processed papers, except for packaging uses, nsk . . . . .	N	X	X	75 938
		N	X	X	123 489
322222W	Coated and laminated paper manufacturing, nsk, total . . . . .	N	X	X	482 918
		N	X	X	431 312
322222WY	Coated and laminated paper manufacturing, nsk, total . . . . .	N	X	X	482 918
		N	X	X	431 312
322222WYVW	Coated and laminated paper manufacturing, nsk, for nonadministrative-record establishments . . . . .	N	X	X	178 225
		N	X	X	162 633
322222WYVY	Coated and laminated paper manufacturing, nsk, for administrative-record establishments . . . . .	N	X	X	304 693
		N	X	X	268 679
322223	Plastics, foil, and coated paper bag manufacturing . . . . .	N	X	X	610 501
		N	X	X	561 838
3222231	Specialty bags, pouches, and liners, coated and single-web paper . . . . .	N	X	X	164 361
		N	X	X	143 081
32222311	Specialty bags, pouches, and liners, coated and single-web paper . . . . .	N	X	X	164 361
		N	X	X	143 081
3222231100	Specialty bags, pouches, and liners, coated and single-web paper . . . . . 1,000 s tons. .2002 . . . . .	30	X	<sup>9</sup> 52.6	164 361
		30	X	<sup>9</sup> 75.1	143 081
3222233	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film . . . . .	N	X	X	426 318
		N	X	X	399 077
32222331	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film . . . . .	N	X	X	422 320
		N	X	X	399 077
3222233111	Paper/film multiweb specialty bags, pouches, and liners . . . . . 1,000 s tons. .2002 . . . . .	19	X	S	200 163
		17	X	S	146 491
3222233121	Foil specialty bags, pouches, and liners, and all paper or film combinations with foil . . . . . 1,000 s tons. .2002 . . . . .	14	X	<sup>9</sup> 24.4	86 987
		18	X	S	69 931
3222233131	Other multiweb specialty bags, pouches, and liners, including paper/paper . . . . . 1,000 s tons. .2002 . . . . .	12	X	<sup>9</sup> 56.6	135 170
		17	X	S	182 655
3222233Y	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film, nsk . . . . .	N	X	X	3 998
		N	X	X	—
3222233YVW	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film, nsk . . . . .	N	X	X	3 998
		N	X	X	—
322223W	Plastics, foil, and coated paper bag manufacturing, nsk, total . . . . .	N	X	X	19 822
		N	X	X	19 680
322223WY	Plastics, foil, and coated paper bag manufacturing, nsk, total . . . . .	N	X	X	19 822
		N	X	X	19 680
322223WYVW	Plastics, foil, and coated paper bag manufacturing, nsk, for nonadministrative-record establishments . . . . .	N	X	X	5 754
		N	X	X	3 827
322223WYVY	Plastics, foil, and coated paper bag manufacturing, nsk, for administrative-record establishments . . . . .	N	X	X	14 068
		N	X	X	15 853
322224	Uncoated paper and multiwall bag manufacturing . . . . .	N	X	X	2 097 491
		N	X	X	2 594 761

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322224	Uncoated paper and multiwall bag manufacturing—Con.				
3222241	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags .....	2002.. N	X	X	790 978
		1997.. N	X	X	1 010 846
32222411	Uncoated paper grocers' bags and sacks .....	2002.. N	X	X	379 664
		1997.. N	X	X	552 393
3222241111	Uncoated paper grocers' bags and sacks .....	1,000 s tons. 2002.. 15	X	P460.9	379 664
		1997.. 14	X	681.0	552 393
32222412	Uncoated paper variety bags and pouches (merchandise) and shopping bags .....	2002.. N	X	X	227 263
		1997.. N	X	X	197 415
3222241221	Uncoated paper variety bags and pouches (merchandise) .....	1,000 s tons. 2002.. 14	X	S	118 949
		1997.. 14	X	P56.9	94 176
3222241231	Uncoated paper shopping bags .....	1,000 s tons. 2002.. 10	X	P63.2	108 314
		1997.. 7	X	P45.3	103 239
32222413	All other uncoated paper bags and pouches (including specialty bags, mothproof bags, etc.) .....	2002.. N	X	X	169 495
		1997.. N	X	X	210 957
3222241341	All other uncoated paper bags and pouches (including specialty bags, mothproof bags, etc.) .....	1,000 s tons. 2002.. 15	X	Q59.4	169 495
		1997.. 23	X	71.2	210 957
3222241Y	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags, nsk .....	2002.. N	X	X	14 556
		1997.. N	X	X	50 081
3222241YVW	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags, nsk .....	2002.. N	X	X	14 556
		1997.. N	X	X	50 081
3222243	Shipping sacks and multiwall bags, all materials, except textiles .....	2002.. N	X	X	1 274 327
		1997.. N	X	X	1 538 505
32222431	Single and double wall shipping sacks and bags, all materials, except textiles .....	2002.. N	X	X	212 187
		1997.. N	X	X	211 834
3222243111	Single and double wall shipping sacks and bags, all materials, except textiles .....	1,000 s tons. 2002.. 16	X	S	212 187
		1997.. 36	X	Q166.7	211 834
32222432	Multiwall (three-ply or more) shipping sacks and bags, all materials, except textiles .....	2002.. N	X	X	1 029 045
		1997.. N	X	X	1 279 457
3222243221	Multiwall (three-ply or more) shipping sacks and bags, all materials, except textiles .....	1,000 s tons. 2002.. 16	X	Q589.4	1 029 045
		1997.. 28	X	864.1	1 279 457
3222243Y	Shipping sacks and multiwall bags, all materials, except textiles, nsk .....	2002.. N	X	X	33 095
		1997.. N	X	X	47 214
3222243YVW	Shipping sacks and multiwall bags, all materials, except textiles, nsk .....	2002.. N	X	X	33 095
		1997.. N	X	X	47 214
322224W	Uncoated paper and multiwall bag manufacturing, nsk, total .....	2002.. N	X	X	32 186
		1997.. N	X	X	45 410
322224WY	Uncoated paper and multiwall bag manufacturing, nsk, total .....	2002.. N	X	X	32 186
		1997.. N	X	X	45 410
322224WYVW	Uncoated paper and multiwall bag manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	8 077
		1997.. N	X	X	23 077
322224WYVY	Uncoated paper and multiwall bag manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	24 109
		1997.. N	X	X	22 333
322225	Laminated aluminum foil manufacturing for flexible packaging uses .....	2002.. N	X	X	1 459 949
		1997.. N	X	X	1 411 708
3222250	Laminated aluminum foil rolls and sheets for flexible packaging uses (converting and printing or converting only) .....	2002.. N	X	X	1 459 949
		1997.. N	X	X	1 411 708
32222501	Laminated aluminum film/foil (without paper) multiweb combinations, rolls and sheets for flexible packaging uses .....	2002.. N	X	X	499 379
		1997.. N	X	X	444 679
3222250101	Laminated aluminum film/foil (without paper) multiweb combinations, rolls and sheets for flexible packaging uses .....	mil lb. 2002.. 31	X	S	499 379
		1997.. 26	X	S	444 679
32222502	Extrusion laminated aluminum foil/paper combinations, rolls and sheets for flexible packaging uses .....	2002.. N	X	X	232 963
		1997.. N	X	X	226 872
3222250206	Extrusion laminated aluminum foil/paper combinations, rolls and sheets for flexible packaging uses .....	mil lb. 2002.. 17	X	P96.1	232 963
		1997.. 21	X	94.9	226 872
32222503	Adhesive or wax laminated aluminum foil/paper combinations, rolls and sheets for flexible packaging uses .....	2002.. N	X	X	324 460
		1997.. N	X	X	368 136
3222250311	Adhesive or wax laminated aluminum foil/paper combinations, rolls and sheets for flexible packaging uses .....	mil lb. 2002.. 17	X	P179.8	324 460
		1997.. 19	X	P184.1	368 136
32222505	Other laminated aluminum foils, including laminated aluminum paper/poly and foil/poly combinations (including foil/foil), rolls and sheets for flexible packaging uses .....	2002.. N	X	X	279 811
		1997.. N	X	X	N
3222250516	Other laminated aluminum foils, including laminated aluminum paper/poly and foil/poly combinations (including foil/foil), rolls and sheets for flexible packaging uses .....	mil lb. 2002.. 18	X	Q131.6	279 811
		1997.. N	X	N	N
3222250Y	Laminated aluminum foil rolls and sheets for flexible packaging uses, nsk, total .....	2002.. N	X	X	123 336
		1997.. N	X	X	26 084
3222250YVW	Laminated aluminum foil rolls and sheets for flexible packaging uses, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	90 698
		1997.. N	X	X	23 723

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**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322225	Laminated aluminum foil manufacturing for flexible packaging uses—Con.				
3222250	Laminated aluminum foil rolls and sheets for flexible packaging uses (converting and printing or converting only)—Con.				
3222250Y	Laminated aluminum foil rolls and sheets for flexible packaging uses, nsk, total—Con.				
3222250YWY	Laminated aluminum foil rolls and sheets for flexible packaging uses, nsk, for administrative-record establishments	2002 . . . . . N 1997 . . . . . N	X X	X X	32 638 2 361
322226	Surface-coated paperboard manufacturing	2002 . . . . . N 1997 . . . . . N	X X	X X	873 155 1 138 806
3222260	Pasted, lined, laminated, or surface-coated paperboard	2002 . . . . . N 1997 . . . . . N	X X	X X	873 155 1 138 806
32222601	Pasted, lined, laminated, or surface-coated paperboard	2002 . . . . . N 1997 . . . . . N	X X	X X	870 316 1 138 277
3222260100	Pasted, lined, laminated, or surface-coated paperboard . . . . . 1,000 s tons.	2002 . . . . . 68 1997 . . . . . 61	X X	*1 198.5 1 428.4	870 316 1 138 277
3222260Y	Pasted, lined, laminated, or surface-coated paperboard, nsk, total	2002 . . . . . N 1997 . . . . . N	X X	X X	2 839 529
3222260YWW	Pasted, lined, laminated, or surface-coated paperboard, nsk, for nonadministrative-record establishments	2002 . . . . . N 1997 . . . . . N	X X	X X	2 839 529
3222260YWY	Pasted, lined, laminated, or surface-coated paperboard, nsk, for administrative-record establishments	2002 . . . . . N 1997 . . . . . N	X X	X X	— —
322231	Die-cut paper and paperboard office supplies manufacturing	2002 . . . . . N 1997 . . . . . N	X X	X X	2 696 707 2 287 708
3222311	Die-cut paper and paperboard office supplies	2002 . . . . . N 1997 . . . . . N	X X	X X	1 228 115 1 192 411
32223111	Hanging and expandable file folders, all types and materials	2002 . . . . . N 1997 . . . . . N	X X	X X	131 827 374 363
3222311111	Hanging file folders, all types and materials . . . . . mil units.	2002 . . . . . 12 1997 . . . . . 23	X X	S S	82 898 241 406
3222311121	Expanding file folders (including wallets), all types and materials . . . . . mil units.	2002 . . . . . 18 1997 . . . . . 17	X X	S S	48 929 132 957
32223112	Other file folders (including file jackets and file pockets), all types and materials	2002 . . . . . N 1997 . . . . . N	X X	X X	520 802 395 200
3222311231	Other file folders (including file jackets and file pockets), all types and materials . . . . . mil units.	2002 . . . . . 39 1997 . . . . . 41	X X	S S	520 802 395 200
32223113	Other die-cut paper and paperboard office supplies, including index, guide, and tabulating cards (including guide cards for file folders), presentation and report covers (except looseleaf), etc.	2002 . . . . . N 1997 . . . . . N	X X	X X	466 449 306 698
3222311391	Other die-cut paper and paperboard office supplies, including index, guide, and tabulating cards (including guide cards for file folders), presentation and report covers (except looseleaf), etc. . . . . mil units.	2002 . . . . . 52 1997 . . . . . 78	X X	S X	466 449 306 698
3222311Y	Die-cut paper and paperboard office supplies, nsk	2002 . . . . . N 1997 . . . . . N	X X	X X	109 037 116 150
3222311YWV	Die-cut paper and paperboard office supplies, nsk	2002 . . . . . N 1997 . . . . . N	X X	X X	109 037 116 150
3222313	Paper supplies for business machines and other miscellaneous unprinted paper office supplies	2002 . . . . . N 1997 . . . . . N	X X	X X	1 183 692 853 149
32223131	Paper supplies for business machines and other miscellaneous unprinted paper office supplies	2002 . . . . . N 1997 . . . . . N	X X	X X	1 150 148 786 491
3222313111	Paper rolls for adding and other business machines, except rolls for facsimile and photocopy machines	2002 . . . . . 22 1997 . . . . . 21	X X	X X	336 588 233 958
3222313191	Other unprinted paper supplies, including photocopy, laser, safety, facsimile, teletype, etc. (excluding sensitized paper)	2002 . . . . . 30 1997 . . . . . 23	X X	X X	813 560 552 533
3222313Y	Paper supplies for business machines and other miscellaneous unprinted paper office supplies, nsk	2002 . . . . . N 1997 . . . . . N	X X	X X	33 544 66 658
3222313YWV	Paper supplies for business machines and other miscellaneous unprinted paper office supplies, nsk	2002 . . . . . N 1997 . . . . . N	X X	X X	33 544 66 658
322231W	Die-cut paper and paperboard office supplies manufacturing, nsk, total	2002 . . . . . N 1997 . . . . . N	X X	X X	284 900 242 148
322231WY	Die-cut paper and paperboard office supplies manufacturing, nsk, total	2002 . . . . . N 1997 . . . . . N	X X	X X	284 900 242 148
322231WYWW	Die-cut paper and paperboard office supplies manufacturing, nsk, for nonadministrative-record establishments	2002 . . . . . N 1997 . . . . . N	X X	X X	260 628 124 514
322231WYWY	Die-cut paper and paperboard office supplies manufacturing, nsk, for administrative-record establishments	2002 . . . . . N 1997 . . . . . N	X X	X X	24 272 117 634
322232	Envelope manufacturing	2002 . . . . . N 1997 . . . . . N	X X	X X	3 161 180 3 478 408

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322232	Envelope manufacturing—Con.				
3222320	Envelopes, commercial, all types and materials . . . . .	2002 . . . . . N	X	X	3 161 180
		1997 . . . . . N	X	X	3 478 408
32223201	Envelopes, commercial, all types and materials . . . . .	2002 . . . . . N	X	X	2 915 720
		1997 . . . . . N	X	X	2 812 407
3222320111	Envelopes, commercial, clasp and string-and-button types, including mailing . . . . . mil units . . . . .	2002 . . . . . 25	X	P2 733.8	101 524
		1997 . . . . . 23	X	2 726.2	72 988
3222320121	Envelopes, commercial, white or colored mailing, except clasp and string-and-button types . . . . . mil units . . . . .	2002 . . . . . 61	X	P126 744.4	1 933 992
		1997 . . . . . 101	X	128 336.8	2 116 074
3222320131	Envelopes, commercial, kraft mailing, except clasp and string-and-button types . . . . . mil units . . . . .	2002 . . . . . 42	X	P10 483.7	211 677
		1997 . . . . . 47	X	12 831.5	231 532
3222320141	Envelopes, commercial, all other types, including padded shipping envelopes . . . . . mil units . . . . .	2002 . . . . . 21	X	Q39 792.3	668 527
		1997 . . . . . 34	X	P13 067.0	391 813
3222320Y	Envelopes, commercial, all types and materials, nsk, total . . . . .	2002 . . . . . N	X	X	245 460
		1997 . . . . . N	X	X	666 001
3222320YWW	Envelopes, commercial, all types and materials, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N	X	X	171 728
		1997 . . . . . N	X	X	605 809
3222320YWY	Envelopes, commercial, all types and materials, nsk, for administrative-record establishments . . . . .	2002 . . . . . N	X	X	73 732
		1997 . . . . . N	X	X	60 192
322233	Stationery, tablet, and related product manufacturing . . . . .	2002 . . . . . N	X	X	1 521 514
		1997 . . . . . N	X	X	1 507 044
3222331	Stationery . . . . .	2002 . . . . . N	X	X	359 300
		1997 . . . . . N	X	X	214 646
32223311	Stationery . . . . .	2002 . . . . . N	X	X	341 965
		1997 . . . . . N	X	X	201 028
3222331111	Boxed stationery and portfolios . . . . .	2002 . . . . . 13	X	X	57 319
		1997 . . . . . 21	X	X	57 894
3222331121	Wedding and social announcements, paper, cards, and envelopes . . . . .	2002 . . . . . 9	X	X	228 462
		1997 . . . . . 18	X	X	90 493
3222331131	All other stationery products, including packaged paper and envelopes, noncommercial . . . . .	2002 . . . . . 14	X	X	56 184
		1997 . . . . . 27	X	X	52 641
3222331Y	Stationery, nsk . . . . .	2002 . . . . . N	X	X	17 335
		1997 . . . . . N	X	X	13 618
3222331YWW	Stationery, nsk . . . . .	2002 . . . . . N	X	X	17 335
		1997 . . . . . N	X	X	13 618
3222333	Tablets, pads, and related products . . . . .	2002 . . . . . N	X	X	1 030 707
		1997 . . . . . N	X	X	1 226 382
32223331	Tablets and pads, 8 1/2 in. x 11 in. and 8 1/2 in. x 14 in., except columnar . . . . .	2002 . . . . . N	X	X	D
		1997 . . . . . N	X	X	57 050
3222333111	Tablets and pads, 8 1/2 in. x 11 in. and 8 1/2 in. x 14 in., except columnar . . . . .	2002 . . . . . 24	X	X	D
		1997 . . . . . 19	X	X	57 050
32223332	All other tablets and pads, including columnar . . . . .	2002 . . . . . N	X	X	117 765
		1997 . . . . . N	X	X	95 711
3222333221	All other tablets and pads, including columnar . . . . .	2002 . . . . . 26	X	X	117 765
		1997 . . . . . 32	X	X	95 711
32223333	Notebooks, bound with wire (except columnar), staples, thread, or plastics (including composition, memo, and stenographic but excluding case made) . . . . .	2002 . . . . . N	X	X	281 932
		1997 . . . . . N	X	X	309 208
3222333331	Notebooks, bound with wire (except columnar), staples, thread, or plastics (including composition, memo, and stenographic but excluding case made) . . . . .	2002 . . . . . 29	X	X	281 932
		1997 . . . . . 44	X	X	309 208
32223334	Looseleaf paper fillers, school and commercial types . . . . .	2002 . . . . . N	X	X	110 692
		1997 . . . . . N	X	X	130 465
3222333441	Looseleaf paper fillers, school and commercial types . . . . .	2002 . . . . . 13	X	X	110 692
		1997 . . . . . 20	X	X	130 465
32223335	Wrapped ream paper (exclude looseleaf fillers, photographic and photocopy paper, and paper for fax machines) . . . . .	2002 . . . . . N	X	X	D
		1997 . . . . . N	X	X	430 819
3222333551	Wrapped ream paper (exclude looseleaf fillers, photographic and photocopy paper, and paper for fax machines) . . . . .	2002 . . . . . 15	X	X	D
		1997 . . . . . 19	X	X	430 819
32223336	All other miscellaneous tablets, pads, and related products . . . . .	2002 . . . . . N	X	X	126 062
		1997 . . . . . N	X	X	173 712
3222333691	All other miscellaneous tablets, pads, and related products . . . . .	2002 . . . . . 15	X	X	126 062
		1997 . . . . . 19	X	X	173 712
3222333Y	Tablets, pads, and related products, nsk . . . . .	2002 . . . . . N	X	X	26 585
		1997 . . . . . N	X	X	29 417
3222333YWW	Tablets, pads, and related products, nsk . . . . .	2002 . . . . . N	X	X	26 585
		1997 . . . . . N	X	X	29 417
322233W	Stationery, tablet, and related product manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	131 507
		1997 . . . . . N	X	X	66 016
322233WY	Stationery, tablet, and related product manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	131 507
		1997 . . . . . N	X	X	66 016
322233WYWW	Stationery, tablet, and related product manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N	X	X	48 330
		1997 . . . . . N	X	X	17 851
322233WYWY	Stationery, tablet, and related product manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N	X	X	83 177
		1997 . . . . . N	X	X	48 165
322291	Sanitary paper product manufacturing . . . . .	2002 . . . . . N	X	X	8 831 656
		1997 . . . . . N	X	X	7 478 370

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322291	Sanitary paper product manufacturing—Con.				
3222912	Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding	2002.. N 1997.. N	X X	X X	4 843 482 N
32229121	Disposable diapers and similar disposable products (including sanitary napkins, tampons, training pants, and incontinent pads), made from purchased sanitary paper stock or wadding	2002.. N 1997.. N	X X	X X	4 843 482 N
3222912100	Disposable diapers and similar disposable products (including sanitary napkins, tampons, training pants, and incontinent pads), made from purchased sanitary paper stock or wadding	millions..2002.. N 1997.. N	X X	S N	4 843 482 N
3222912Y	Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding, nsk	2002.. N 1997.. N	X X	X X	— N
3222912YVV	Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding, nsk	2002.. N 1997.. N	X X	X X	— N
3222915	Sanitary tissue paper products, made from purchased sanitary paper stock or wadding	2002.. N 1997.. N	X X	X X	3 850 388 1 648 240
32229151	Facial tissues and handkerchiefs, including sputum wipes, made from purchased sanitary paper stock or wadding	2002.. N 1997.. N	X X	X X	D 36 205
3222915111	Facial tissues and handkerchiefs, including sputum wipes, made from purchased sanitary paper stock or wadding	1,000 s tons..2002.. 6 1997.. 4	X X	D 12.1	D 36 205
32229152	Paper table napkins, industrial and retail packages, bulk and dispenser types, made from purchased sanitary paper stock or wadding	2002.. N 1997.. N	X X	X X	760 389 D
3222915215	Paper table napkins, industrial and retail packages, bulk and dispenser types, made from purchased sanitary paper stock or wadding	1,000 s tons..2002.. 21 1997.. N	X X	S N	760 389 N
32229153	Toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more, made from purchased sanitary paper stock or wadding	2002.. N 1997.. N	X X	X X	373 511 228 108
3222915331	Toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more, made from purchased sanitary paper stock or wadding	1,000 s tons..2002.. 8 1997.. 8	X X	P185.7 S	373 511 228 108
32229154	Toilet tissue, retail packages, rolls and ovals, regular type, single-ply, made from purchased sanitary paper stock or wadding	2002.. N 1997.. N	X X	X X	D D
3222915433	Toilet tissue, retail packages, rolls and ovals, regular type, single-ply, made from purchased sanitary paper stock or wadding	1,000 s tons..2002.. 4 1997.. 5	X X	D D	D D
32229156	Paper towels, industrial packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding	2002.. N 1997.. N	X X	X X	421 935 317 758
3222915661	Paper towels, industrial packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding	1,000 s tons..2002.. 19 1997.. 10	X X	P265.3 S	421 935 317 758
32229157	Paper towels, retail packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding	2002.. N 1997.. N	X X	X X	695 102 D
3222915701	Paper towels, retail packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding	1,000 s tons..2002.. 9 1997.. N	X X	S N	695 102 N
32229159	Other sanitary paper products (including industrial packaged toilet tissue (all types), paper wipers (except nonwoven), absorbent pads, etc.), made from purchased sanitary paper stock or wadding	2002.. N 1997.. N	X X	X X	1 392 586 N
3222915901	Other sanitary paper products (including industrial packaged toilet tissue (all types), paper wipers (except nonwoven), absorbent pads, etc.), made from purchased sanitary paper stock or wadding	1,000 s tons..2002.. 30 1997.. N	X X	S N	1 392 586 N
3222915Y	Sanitary tissue paper products, made from purchased sanitary paper stock or wadding, nsk	2002.. N 1997.. N	X X	X X	8 934 16 944
3222915YVV	Sanitary tissue paper products, made from purchased sanitary paper stock or wadding, nsk	2002.. N 1997.. N	X X	X X	8 934 16 944
322291W	Sanitary paper product manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	137 786 115 542
322291WY	Sanitary paper product manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	137 786 115 542
322291WYWW	Sanitary paper product manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	S 25 367
322291WYWY	Sanitary paper product manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	144 041 90 175
322299	All other converted paper product manufacturing	2002.. N 1997.. N	X X	X X	4 224 657 3 564 365

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322299	All other converted paper product manufacturing—Con.				
3222991	Molded pulp goods, including egg cartons, florist pots, food trays, etc. ....	2002.. N 1997.. N	X X	X X	390 854 466 042
32229911	Molded pulp goods, including egg cartons, florist pots, food trays, etc. ....	2002.. N 1997.. N	X X	X X	390 854 466 042
3222991100	Molded pulp goods, including egg cartons, florist pots, food trays, etc. ....	2002.. 22 1997.. 18	X X	X X	390 854 466 042
3222993	Miscellaneous converted paper and paperboard products .....	2002.. N 1997.. N	X X	X X	3 349 705 2 647 945
32229931	Paper party and holiday goods and accessories, including novelties, displays, decorations (except crepe paper), party hats, etc. ....	2002.. N 1997.. N	X X	X X	245 959 195 425
3222993111	Paper party and holiday goods and accessories, including novelties, displays, decorations (except crepe paper), party hats, etc. ....	2002.. 19 1997.. 12	X X	X X	245 959 195 425
32229932	Cellulose insulation, paper doilies, placemats, tray doilies, and paper folders and mounts, all types, except file folders .....	2002.. N 1997.. N	X X	X X	223 250 199 907
3222993221	Cellulose insulation .....	2002.. 14 1997.. 24	X X	X X	155 240 62 670
3222993231	Paper doilies, placemats, and tray doilies (or tray covers) .....	2002.. 7 1997.. 8	X X	X X	40 715 73 192
3222993241	Paper folders and mounts, all types, except file folders .....	2002.. 8 1997.. 9	X X	X X	27 295 64 045
32229933	All other paper filters and paper wrapping products, including creped wadding and crepe paper (except fine crepe paper) .....	2002.. N 1997.. N	X X	X X	309 391 245 802
3222993351	Paper filters, including coffee .....	2002.. 8 1997.. 8	X X	X X	187 118 138 400
3222993361	All other paper wrapping products, including creped wadding and crepe paper (except fine crepe paper) .....	2002.. 28 1997.. 26	X X	X X	122 273 107 402
32229934	Die-cut paper and paperboard products, except office products, including fillers and flats for egg cases (except molded pulp), bottle caps, closures and lids, unprinted cards .....	2002.. N 1997.. N	X X	X X	235 283 217 390
3222993471	Die-cut paper and paperboard products, except office products, including fillers and flats for egg cases (except molded pulp), bottle caps, closures and lids, unprinted cards .....	2002.. 31 1997.. 58	X X	X X	235 283 217 390
32229935	Other miscellaneous paper and paperboard products, including fine crepe paper; unprinted tags, tickets, and labels; cigarette paper; paper draperies and table skirts; etc. ....	2002.. N 1997.. N	X X	X X	2 113 272 1 602 525
3222993591	Other miscellaneous paper and paperboard products, including fine crepe paper; unprinted tags, tickets, and labels; cigarette paper; paper draperies and table skirts; etc. ....	2002.. 149 1997.. 207	X X	X X	2 113 272 1 602 525
3222993Y	Miscellaneous converted paper and paperboard products, nsk .....	2002.. N 1997.. N	X X	X X	222 550 186 896
3222993YVW	Miscellaneous converted paper and paperboard products, nsk .....	2002.. N 1997.. N	X X	X X	222 550 186 896
322299W	All other converted paper product manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	484 098 450 378
322299WY	All other converted paper product manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	484 098 450 378
322299WYWW	All other converted paper product manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	359 491 404 759
322299WYWY	All other converted paper product manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	124 607 45 619
323110	Commercial lithographic printing .....	2002.. N 1997.. N	X X	X X	46 515 845 47 430 013
3231101	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts) .....	2002.. N 1997.. N	X X	X X	6 389 734 5 232 685
32311011	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts) .....	2002.. N 1997.. N	X X	X X	5 659 510 4 724 288
3231101111	Magazine and periodical printing (lithographic), excluding magazine and comic supplements for Sunday newspapers, sheet-fed .....	2002.. 700 1997.. 677	X X	X X	1 510 855 953 347
3231101113	Magazine and periodical printing (lithographic), excluding magazine and comic supplements for Sunday newspapers, web-fed .....	2002.. 243 1997.. 249	X X	X X	3 968 558 3 597 164
3231101121	Magazine and comic supplement printing for Sunday newspapers (lithographic) (excluding printing of newspaper advertising inserts) .....	2002.. 23 1997.. 16	X X	X X	180 097 173 777
3231101Y	Magazine and periodical printing (lithographic), nsk .....	2002.. N 1997.. N	X X	X X	730 224 508 397

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323110	Commercial lithographic printing—Con.				
3231101	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)—Con.				
3231101Y	Magazine and periodical printing (lithographic), nsk—Con.				
3231101YVW	Magazine and periodical printing (lithographic), nsk	2002.. N 1997.. N	X X	X X	730 224 508 397
3231103	Label and wrapper printing (lithographic)	2002.. N 1997.. N	X X	X X	2 138 806 1 940 329
32311031	Label and wrapper printing (lithographic)	2002.. N 1997.. N	X X	X X	1 743 957 1 693 597
3231103111	Label printing (lithographic), custom and stock labels, including bordered, made of paper, flat (except pressure-sensitive)	2002.. 197 1997.. 311	X X	X X	574 667 814 052
3231103116	Label printing (lithographic), custom and stock labels, including bordered, made of paper, rolls (except pressure-sensitive)	2002.. 41 1997.. 29	X X	X X	147 843 41 000
3231103121	Label printing (lithographic), custom and stock labels, including bordered, made of paper, pressure-sensitive (self-adhesive)	2002.. 184 1997.. 201	X X	X X	567 685 321 457
3231103126	Label printing (lithographic), custom and stock labels, including bordered, made of materials other than paper (including cloth)	2002.. 32 1997.. 38	X X	X X	140 192 109 914
3231103131	Printed rolls and sheets for packaging purposes (printing only) (lithographic), made of paper (single-web)	2002.. 68 1997.. 87	X X	X X	201 767 321 513
3231103136	Printed rolls and sheets for packaging purposes (printing only) (lithographic), made of materials other than paper, including multiweb structures	2002.. 15 1997.. 31	X X	X X	111 803 85 661
3231103Y	Label and wrapper printing (lithographic), nsk	2002.. N 1997.. N	X X	X X	394 849 246 732
3231103YVW	Label and wrapper printing (lithographic), nsk	2002.. N 1997.. N	X X	X X	394 849 246 732
3231105	Catalog and directory printing (lithographic)	2002.. N 1997.. N	X X	X X	4 455 550 5 063 520
32311051	Catalog and directory printing (lithographic)	2002.. N 1997.. N	X X	X X	3 835 149 4 618 381
3231105111	Catalog printing (lithographic), including direct mail catalogs, sheet-fed	2002.. 608 1997.. 892	X X	X X	629 021 860 242
3231105113	Catalog printing (lithographic), including direct mail catalogs, web-fed	2002.. 173 1997.. 240	X X	X X	2 019 352 2 319 386
3231105121	Telephone directory printing (lithographic)	2002.. 27 1997.. 46	X X	X X	1 002 908 1 228 124
3231105126	Other directory printing (lithographic), including business reference services, sheet-fed	2002.. 91 1997.. 103	X X	X X	85 569 112 934
3231105128	Other directory printing (lithographic), including business reference services, web-fed	2002.. 43 1997.. 44	X X	X X	98 299 97 695
3231105Y	Catalog and directory printing (lithographic), nsk	2002.. N 1997.. N	X X	X X	620 401 445 139
3231105YVW	Catalog and directory printing (lithographic), nsk	2002.. N 1997.. N	X X	X X	620 401 445 139
3231107	Financial and legal printing (lithographic)	2002.. N 1997.. N	X X	X X	2 373 358 2 613 461
32311071	Financial and legal printing (lithographic)	2002.. N 1997.. N	X X	X X	1 905 240 2 356 966
3231107111	SEC filing and prospectus printing (lithographic), sheet-fed	2002.. 112 1997.. 61	X X	X X	231 429 106 205
3231107113	SEC filing and prospectus printing (lithographic), web-fed	2002.. 29 1997.. 36	X X	X X	313 932 481 431
3231107121	Annual report and other corporate financial printing (lithographic), sheet-fed	2002.. 309 1997.. 497	X X	X X	266 084 474 225
3231107123	Annual report and other corporate financial printing (lithographic), web-fed	2002.. 51 1997.. 64	X X	X X	204 942 399 545
3231107131	Other financial and legal printing (lithographic), including insurance forms, briefs, etc. (except checkbooks), sheet-fed	2002.. 118 1997.. 164	X X	X X	95 112 149 045
3231107133	Other financial and legal printing (lithographic), including insurance forms, briefs, etc. (except checkbooks), web-fed	2002.. 25 1997.. 30	X X	X X	215 871 94 870
3231107141	Bank printing (lithographic), excluding bank forms and checkbooks, sheet-fed	2002.. 128 1997.. 86	X X	X X	405 923 407 658
3231107143	Bank printing (lithographic), excluding bank forms and checkbooks, web-fed	2002.. 37 1997.. 58	X X	X X	56 268 116 884
3231107151	Bank form printing (lithographic), including passbooks, debit-credit slips, ledger and statement sheets, installment-loan coupons, etc. (except checkbooks)	2002.. 27 1997.. 59	X X	X X	115 679 127 103
3231107Y	Financial and legal printing (lithographic), nsk	2002.. N 1997.. N	X X	X X	468 118 256 495
3231107YVW	Financial and legal printing (lithographic), nsk	2002.. N 1997.. N	X X	X X	468 118 256 495
3231109	Advertising printing (lithographic)	2002.. N	X	X	13 922 002

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323110	Commercial lithographic printing—Con.				
3231109	Advertising printing (lithographic)—Con.				
		1997..	N	X	X
		2002..	N	X	X
		1997..	N	X	X
32311091	Direct mail advertising printing (lithographic) . . . . .	2002..	1 165	X	X
		1997..	1 496	X	X
3231109111	Direct mail advertising printing (lithographic), including circulars, letters, pamphlets, cards, etc., sheet-fed . . . . .	2002..	245	X	X
		1997..	301	X	X
3231109113	Direct mail advertising printing (lithographic), including circulars, letters, pamphlets, cards, etc., web-fed . . . . .	2002..	N	X	X
		1997..	N	X	X
32311092	Advertising printing except direct mail (lithographic) . . . . .	2002..	N	X	X
		1997..	N	X	X
3231109221	Display advertising poster printing (lithographic), including outdoor advertising, car cards, window, etc. . . . .	2002..	259	X	X
		1997..	325	X	X
3231109226	Counter, floor display, point-of-purchase, and other advertising display material printing (lithographic), sheet-fed . . . . .	2002..	282	X	X
		1997..	502	X	X
3231109228	Counter, floor display, point-of-purchase, and other advertising display material printing (lithographic), web-fed . . . . .	2002..	25	X	X
		1997..	41	X	X
3231109236	Preprinted newspaper advertising insert printing (lithographic) (advertising supplements not regularly issued), rolls, including hi-fi and spectacular . . . . .	2002..	15	X	X
		1997..	57	X	X
3231109241	Preprinted newspaper advertising insert printing (lithographic) (advertising supplements not regularly issued), sections (two pages or more) . . . . .	2002..	39	X	X
		1997..	73	X	X
3231109246	Shopping news printing (lithographic) . . . . .	2002..	35	X	X
		1997..	73	X	X
3231109251	Book jacket printing (lithographic) . . . . .	2002..	40	X	X
		1997..	53	X	X
3231109256	Other advertising printing (lithographic), including brochures, pamphlets, magazine inserts, etc., sheet-fed . . . . .	2002..	1 022	X	X
		1997..	1 469	X	X
3231109258	Other advertising printing (lithographic), including brochures, pamphlets, magazine inserts, etc., web-fed . . . . .	2002..	147	X	X
		1997..	272	X	X
3231109Y	Advertising printing (lithographic), nsk . . . . .	2002..	N	X	X
		1997..	N	X	X
3231109YVW	Advertising printing (lithographic), nsk . . . . .	2002..	N	X	X
		1997..	N	X	X
323110B	Other commercial and general job printing (lithographic) . . . . .	2002..	N	X	X
		1997..	N	X	X
323110B1	Other commercial and general job printing (lithographic) . . . . .	2002..	N	X	X
		1997..	N	X	X
323110B111	Newspaper printing (lithographic) . . . . .	2002..	124	X	X
		1997..	186	X	X
323110B116	Scientific and technical recording chart and chart paper printing (lithographic) . . . . .	2002..	17	X	X
		1997..	37	X	X
323110B121	Map, atlas, and globe cover printing (lithographic), including road maps and strip maps . . . . .	2002..	55	X	X
		1997..	73	X	X
323110B126	Calendar and calendar pad printing (lithographic), sheet-fed . . . . .	2002..	165	X	X
		1997..	221	X	X
323110B128	Calendar and calendar pad printing (lithographic), web-fed . . . . .	2002..	41	X	X
		1997..	28	X	X
323110B136	Ticket, coupon, and food and beverage check printing (lithographic), including transportation and amusement . . . . .	2002..	51	X	X
		1997..	96	X	X
323110B141	Playing card printing (lithographic) . . . . .	2002..	10	X	X
		1997..	13	X	X
323110B146	Printed decalcomanias and pressure-sensitives (self-adhesive) (lithographic), including bumper stickers, etc., excluding labels . . . . .	2002..	21	X	X
		1997..	33	X	X
323110B151	Lithographic printing on metal . . . . .	2002..	13	X	X
		1997..	22	X	X
323110B156	Credit and identification card printing (lithographic) (plastics, paper laminations, etc.) . . . . .	2002..	33	X	X
		1997..	35	X	X
323110B161	Business card printing (lithographic) . . . . .	2002..	293	X	X
		1997..	378	X	X
323110B166	Business form printing, (lithographic), excluding manifold, financial, and legal forms, blankbooks, and looseleaf forms, sheet-fed . . . . .	2002..	333	X	X
		1997..	474	X	X
323110B168	Business form printing, (lithographic), excluding manifold, financial, and legal forms, blankbooks, and looseleaf forms, web-fed . . . . .	2002..	92	X	X
		1997..	126	X	X
323110B176	Art reproduction and picture print printing (lithographic) . . . . .	2002..	72	X	X
		1997..	153	X	X
323110B181	Greeting cards, printed for publication by others (lithographic) . . . . .	2002..	107	X	X
		1997..	76	X	X
323110B191	All other commercial and general job printing (lithographic), including customized stationary, sheet-fed . . . . .	2002..	587	X	X
		1997..	733	X	X
323110B193	All other commercial and general job printing (lithographic), including customized stationary, web-fed . . . . .	2002..	104	X	X
		1997..	256	X	X
323110BY	Other commercial and general job printing (lithographic), nsk . . . . .	2002..	N	X	X

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323110	Commercial lithographic printing—Con.				
323110B	Other commercial and general job printing (lithographic)—Con.				
323110BY	Other commercial and general job printing (lithographic), nsk —Con.				
	1997..	N	X	X	2 652 040
323110BYWV	Other commercial and general job printing (lithographic), nsk .....	2002..	N	X	2 198 105
	1997..	N	X	X	2 652 040
323110W	Commercial lithographic printing, nsk, total .....	2002..	N	X	9 109 808
	1997..	N	X	X	7 501 792
323110WY	Commercial lithographic printing, nsk, total .....	2002..	N	X	9 109 808
	1997..	N	X	X	7 501 792
323110WYWV	Commercial lithographic printing, nsk, for nonadministrative-record establishments .....	2002..	N	X	7 923 925
	1997..	N	X	X	6 523 461
323110WYWY	Commercial lithographic printing, nsk, for administrative-record establishments .....	2002..	N	X	1 185 883
	1997..	N	X	X	978 331
323111	Commercial gravure printing .....	2002..	N	X	3 338 595
	1997..	N	X	X	3 927 548
3231111	Magazine and periodical printing (gravure), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts) .....	2002..	N	X	614 236
	1997..	N	X	X	780 767
32311111	Magazine and periodical printing (gravure), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts) .....	2002..	N	X	614 236
	1997..	N	X	X	780 767
3231111100	Magazine and periodical printing (gravure), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts) .....	2002..	6	X	614 236
	1997..	N	X	X	N
3231113	Label and wrapper printing (gravure) .....	2002..	N	X	659 575
	1997..	N	X	X	736 982
32311131	Label printing (gravure) .....	2002..	N	X	530 111
	1997..	N	X	X	492 619
3231113111	Label printing (gravure), custom and stock labels, including bordered, made of paper, flat (except pressure-sensitive) .....	2002..	26	X	203 115
	1997..	8	X	X	141 554
3231113116	Label printing (gravure), custom and stock labels, including bordered, made of paper, rolls (except pressure-sensitive) .....	2002..	12	X	188 368
	1997..	13	X	X	206 365
3231113121	Label printing (gravure), custom and stock labels, including bordered, made of paper, pressure-sensitive (self-adhesive) .....	2002..	20	X	89 910
	1997..	12	X	X	45 012
3231113126	Label printing (gravure), custom and stock labels, including bordered, made of materials other than paper (including cloth) .....	2002..	6	X	48 718
	1997..	8	X	X	99 688
32311132	Printed rolls and sheets for packaging purposes (printing only) (gravure) .....	2002..	N	X	112 286
	1997..	N	X	X	197 730
3231113231	Printed rolls and sheets for packaging purposes (printing only) (gravure), made of paper (single-web) .....	2002..	6	X	49 555
	1997..	6	X	X	120 781
3231113236	Printed rolls and sheets for packaging purposes (printing only) (gravure), made of materials other than paper, including multiweb structures .....	2002..	6	X	62 731
	1997..	4	X	X	76 949
3231113Y	Label and wrapper printing (gravure), nsk .....	2002..	N	X	17 178
	1997..	N	X	X	46 633
3231113YWV	Label and wrapper printing (gravure), nsk .....	2002..	N	X	17 178
	1997..	N	X	X	46 633
3231115	Catalog and directory printing (gravure) .....	2002..	N	X	732 353
	1997..	N	X	X	837 823
32311151	Catalog and directory printing (gravure) .....	2002..	N	X	732 353
	1997..	N	X	X	837 823
3231115100	Catalog and directory printing (gravure) .....	2002..	13	X	732 353
	1997..	6	X	X	837 823
3231117	Advertising printing (gravure) .....	2002..	N	X	956 410
	1997..	N	X	X	702 355
32311171	Advertising printing (gravure) .....	2002..	N	X	951 504
	1997..	N	X	X	700 975
3231117111	Direct mail advertising printing (gravure), including circulars, letters, pamphlets, cards, and printed envelopes .....	2002..	52	X	D
	1997..	23	X	X	258 061
3231117116	Preprinted newspaper advertising insert printing (gravure) (advertising supplements not regularly issued) .....	2002..	6	X	D
	1997..	4	X	X	249 135
3231117121	Other advertising printing (gravure), including advertising display materials, shopping news, brochures, pamphlets, book jackets, magazine inserts, etc. ....	2002..	47	X	386 422
	1997..	19	X	X	193 779
3231117Y	Advertising printing (gravure), nsk .....	2002..	N	X	4 906
	1997..	N	X	X	1 380
3231117YWV	Advertising printing (gravure), nsk .....	2002..	N	X	4 906
	1997..	N	X	X	1 380
3231119	Other commercial and general job printing (gravure) .....	2002..	N	X	186 683
	1997..	N	X	X	556 474
32311191	Other commercial and general job printing (gravure) .....	2002..	N	X	186 683
	1997..	N	X	X	462 698
3231119100	All other commercial and general job printing (gravure), including customized stationary .....	2002..	21	X	186 683

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323111	Commercial gravure printing—Con.				
3231119	Other commercial and general job printing (gravure)—Con.				
32311191	Other commercial and general job printing (gravure)—Con.				
3231119100	All other commercial and general job printing (gravure), including customized stationary—Con.				
	1997..	N	X	X	N
323111W	Commercial gravure printing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
323111WY	Commercial gravure printing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
323111WYWW	Commercial gravure printing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
323111WYWY	Commercial gravure printing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
323112	Commercial flexographic printing .....	2002..	N	X	X
		1997..	N	X	X
3231121	Label and wrapper printing (flexographic) .....	2002..	N	X	X
		1997..	N	X	X
32311211	Label printing (flexographic), custom and stock labels, including bordered, made of paper, flat (except pressure-sensitive) .....	2002..	N	X	X
		1997..	N	X	X
3231121111	Label printing (flexographic), custom and stock labels, including bordered, made of paper, flat (except pressure-sensitive) .....	2002..	29	X	X
		1997..	44	X	X
32311212	Label printing (flexographic), custom and stock labels, including bordered, made of paper, rolls (except pressure-sensitive) .....	2002..	N	X	X
		1997..	N	X	X
3231121216	Label printing (flexographic), custom and stock labels, including bordered, made of paper, rolls (except pressure-sensitive) .....	2002..	64	X	X
		1997..	73	X	X
32311213	Label printing (flexographic), custom and stock labels, including bordered, made of paper, pressure-sensitive, flat .....	2002..	N	X	X
		1997..	N	X	X
3231121321	Label printing (flexographic), custom and stock labels, including bordered, made of paper, pressure-sensitive, flat .....	2002..	87	X	X
		1997..	92	X	X
32311214	Label printing (flexographic), custom and stock labels, including bordered, made of paper, pressure-sensitive, rolls .....	2002..	N	X	X
		1997..	N	X	X
3231121426	Label printing (flexographic), custom and stock labels, including bordered, made of paper, pressure-sensitive, rolls .....	2002..	271	X	X
		1997..	321	X	X
32311215	Label printing (flexographic), custom and stock labels, including bordered, made of materials other than paper (including cloth) .....	2002..	N	X	X
		1997..	N	X	X
3231121531	Label printing (flexographic), custom and stock labels, including bordered, made of materials other than paper (including cloth) .....	2002..	58	X	X
		1997..	62	X	X
32311216	Printed rolls and sheets for packaging purposes (printing only) (flexographic), made of paper (single-web) .....	2002..	N	X	X
		1997..	N	X	X
3231121636	Printed rolls and sheets for packaging purposes (printing only) (flexographic), made of paper (single-web) .....	2002..	23	X	X
		1997..	30	X	X
32311217	Printed rolls and sheets for packaging purposes (printing only) (flexographic), made of polyethylene (single-web) .....	2002..	N	X	X
		1997..	N	X	X
3231121741	Printed rolls and sheets for packaging purposes (printing only) (flexographic), made of polyethylene (single-web) .....	2002..	26	X	X
		1997..	29	X	X
32311218	Other printed rolls and sheets for packaging purposes (printing only) (flexographic), including multiweb structures .....	2002..	N	X	X
		1997..	N	X	X
3231121846	Other printed rolls and sheets for packaging purposes (printing only) (flexographic), including multiweb structures .....	2002..	20	X	X
		1997..	22	X	X
3231121Y	Label and wrapper printing (flexographic), nsk .....	2002..	N	X	X
		1997..	N	X	X
3231121YWV	Label and wrapper printing (flexographic), nsk .....	2002..	N	X	X
		1997..	N	X	X
3231123	Other commercial and general job printing (flexographic) .....	2002..	N	X	X
		1997..	N	X	X
32311233	Other commercial and general job printing (flexographic) .....	2002..	N	X	X
		1997..	N	X	X
3231123321	Financial and legal printing (flexographic), including annual corporate reports, bank printing, etc. ....	2002..	10	X	X
		1997..	N	X	X
3231123326	Advertising printing (flexographic), including direct mail, display, magazine and preprinted newspaper inserts, brochures, pamphlets, etc. ....	2002..	15	X	X
		1997..	N	X	X
3231123392	All other commercial and general job printing (flexographic), including customized stationary .....	2002..	53	X	X
		1997..	N	X	X
3231123Y	Other commercial and general job printing (flexographic), nsk .....	2002..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323112	Commercial flexographic printing—Con.				
3231123	Other commercial and general job printing (flexographic)—Con.				
3231123Y	Other commercial and general job printing (flexographic), nsk—Con.				
		1997..	N	X	X
3231123YVW	Other commercial and general job printing (flexographic), nsk .....	2002..	N	X	X
		1997..	N	X	X
323112W	Commercial flexographic printing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
323112WY	Commercial flexographic printing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
323112WYVW	Commercial flexographic printing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
323112WYVY	Commercial flexographic printing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
323113	Commercial screen printing .....	2002..	N	X	X
		1997..	N	X	X
3231132	Screen printed labels .....	2002..	N	X	X
		1997..	N	X	X
32311321	Screen printed labels .....	2002..	N	X	X
		1997..	N	X	X
3231132111	Screen printed labels, made of paper, custom and stock, including bordered, pressure-sensitive, flat .....	2002..	81	X	X
		1997..	N	X	X
3231132116	Screen printed labels, made of paper, custom and stock, including bordered, pressure-sensitive, rolls .....	2002..	27	X	X
		1997..	N	X	X
3231132121	Screen printed labels, made of paper, custom and stock, including bordered, except pressure-sensitive .....	2002..	17	X	X
		1997..	N	X	X
3231132126	Screen printed labels, made of materials other than paper (including cloth), custom and stock, including bordered .....	2002..	72	X	X
		1997..	N	X	X
3231132Y	Screen printed labels, nsk .....	2002..	N	X	X
		1997..	N	X	X
3231132YVW	Screen printed labels, nsk .....	2002..	N	X	X
		1997..	N	X	X
3231134	Screen printing on garments, apparel accessories, and other fabric articles, except labels .....	2002..	N	X	X
		1997..	N	X	X
32311341	Screen printing on garments, apparel accessories, and other fabric articles, except labels .....	2002..	N	X	X
		1997..	N	X	X
3231134111	Screen printing on apparel and apparel accessories, made of any material .....	2002..	375	X	X
		1997..	N	X	X
3231134116	Screen printing on fabric articles other than apparel and apparel accessories, except labels .....	2002..	49	X	X
		1997..	N	X	X
3231134121	Stamped art goods for embroidering, punching, and needlework .....	2002..	17	X	X
		1997..	N	X	X
3231134Y	Screen printing on garments, apparel accessories, and other fabric articles, except labels, nsk .....	2002..	N	X	X
		1997..	N	X	X
3231134YVW	Screen printing on garments, apparel accessories, and other fabric articles, except labels, nsk .....	2002..	N	X	X
		1997..	N	X	X
3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels) .....	2002..	N	X	X
		1997..	N	X	X
32311362	Screen printed advertising materials .....	2002..	N	X	X
		1997..	N	X	X
3231136231	Screen printed advertising display posters (including outdoor advertising, car cards, window, etc.) .....	2002..	171	X	X
		1997..	N	X	X
3231136236	Screen printed advertising display material (including counter, floor display, point-of-purchase, and other printed advertising display material), except display posters .....	2002..	146	X	X
		1997..	N	X	X
3231136241	Other screen printed advertising material (including book jackets, brochures, pamphlets, etc.), except display .....	2002..	68	X	X
		1997..	N	X	X
32311363	Screen printed decalcomanias and pressure-sensitives (self-adhesive) (including bumper stickers, etc.), except labels .....	2002..	N	X	X
		1997..	N	X	X
3231136346	Screen printed decalcomanias and pressure-sensitives (self-adhesive) (including bumper stickers, etc.), except labels .....	2002..	140	X	X
		1997..	N	X	X
32311366	Other commercial and general job printing (screen) .....	2002..	N	X	X
		1997..	N	X	X
3231136651	Screen printing on metal .....	2002..	73	X	X
		1997..	N	X	X
3231136656	Screen printing on glass or plastics containers for others .....	2002..	40	X	X
		1997..	N	X	X
3231136691	All other commercial and general job printing (screen), except on textiles, including customized stationary .....	2002..	103	X	X
		1997..	N	X	X
3231136Y	Screen printing (except on textiles, apparel, apparel accessories, and labels), nsk .....	2002..	N	X	X
		1997..	N	X	X
3231136YVW	Screen printing (except on textiles, apparel, apparel accessories, and labels), nsk .....	2002..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323113	Commercial screen printing—Con.				
3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels)—Con.				
3231136Y	Screen printing (except on textiles, apparel, apparel accessories, and labels), nsk—Con.				
3231136YVW	Screen printing (except on textiles, apparel, apparel accessories, and labels), nsk—Con.				
		1997..	N	X	X
					N
323113W	Commercial screen printing, nsk, total	2002..	N	X	X
		1997..	N	X	X
323113WY	Commercial screen printing, nsk, total	2002..	N	X	X
		1997..	N	X	X
323113WYVW	Commercial screen printing, nsk, for nonadministrative-record establishments	2002..	N	X	X
		1997..	N	X	X
323113WYVY	Commercial screen printing, nsk, for administrative-record establishments	2002..	N	X	X
		1997..	N	X	X
323114	Quick printing	2002..	N	X	X
		1997..	N	X	X
3231140	Quick printing	2002..	N	X	X
		1997..	N	X	X
32311401	Quick printing	2002..	N	X	X
		1997..	N	X	X
3231140100	Quick printing	2002..	2 936	X	X
		1997..	3 702	X	X
3231140Y	Quick printing, nsk, total	2002..	N	X	X
		1997..	N	X	X
3231140YVW	Quick printing, nsk, for nonadministrative-record establishments	2002..	N	X	X
		1997..	N	X	X
3231140YVY	Quick printing, nsk, for administrative-record establishments	2002..	N	X	X
		1997..	N	X	X
323115	Digital printing	2002..	N	X	X
		1997..	N	X	X
3231150	Digital printing	2002..	N	X	X
		1997..	N	X	X
32311501	Digital printing	2002..	N	X	X
		1997..	N	X	X
3231150100	Digital printing	2002..	1 374	X	X
		1997..	519	X	X
3231150Y	Digital printing, nsk, total	2002..	N	X	X
		1997..	N	X	X
3231150YVW	Digital printing, nsk, for nonadministrative-record establishments	2002..	N	X	X
		1997..	N	X	X
3231150YVY	Digital printing, nsk, for administrative-record establishments	2002..	N	X	X
		1997..	N	X	X
323116	Manifold business forms printing	2002..	N	X	X
		1997..	N	X	X
3231161	Unit set business forms, loose or bound	2002..	N	X	X
		1997..	N	X	X
32311611	Unit set business forms, loose or bound, label/form combination and stock forms	2002..	N	X	X
		1997..	N	X	X
3231161111	Unit set label/form combination business forms, loose or bound	2002..	29	X	X
		1997..	21	X	X
3231161121	Unit set business forms, loose or bound, stock (including imprinted), with one-time carbon	2002..	22	X	X
		1997..	30	X	X
3231161126	Unit set business forms, loose or bound, stock (including imprinted), carbonless	2002..	46	X	X
		1997..	55	X	X
32311612	Unit set business forms, loose or bound, custom-printed, with one-time carbon	2002..	N	X	X
		1997..	N	X	X
3231161231	Unit set business forms, loose or bound, custom-printed, with one-time carbon	2002..	64	X	X
		1997..	147	X	X
32311613	Unit set business forms, loose or bound, custom-printed, carbonless	2002..	N	X	X
		1997..	N	X	X
3231161336	Unit set business forms, loose or bound, custom-printed, carbonless	2002..	163	X	X
		1997..	266	X	X
32311619	All other unit set business forms, including tabulating card sets	2002..	N	X	X
		1997..	N	X	X
3231161991	All other unit set business forms, including tabulating card sets	2002..	33	X	X
		1997..	N	X	X
3231161Y	Unit set business forms, loose or bound, nsk	2002..	N	X	X
		1997..	N	X	X
3231161YVW	Unit set business forms, loose or bound, nsk	2002..	N	X	X
		1997..	N	X	X
3231163	Manifold books and pegboard accounting systems	2002..	N	X	X
		1997..	N	X	X
32311631	Manifold books and pegboard accounting systems	2002..	N	X	X
		1997..	N	X	X
3231163111	Pegboard accounting systems	2002..	8	X	X
		1997..	18	X	X
3231163116	Sales and other manifold books	2002..	15	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323116	Manifold business forms printing—Con.				
3231163	Manifold books and pegboard accounting systems—Con.				
32311631	Manifold books and pegboard accounting systems—Con.				
3231163116	Sales and other manifold books—Con.				
		1997..	39	X	X
		2002..	N	X	X
3231163Y	Manifold books and pegboard accounting systems, nsk .....	1997..	N	X	X
		2002..	N	X	X
3231163YVW	Manifold books and pegboard accounting systems, nsk .....	1997..	N	X	X
		2002..	N	X	X
3231165	Custom continuous business forms .....	2002..	N	X	X
		1997..	N	X	X
32311651	Custom continuous business forms, label/form combination, jumbo roll-feed, and self-mailer types .....	2002..	N	X	X
		1997..	N	X	X
3231165111	Custom continuous label/form combination business forms .....	2002..	40	X	X
		1997..	44	X	X
3231165116	Custom continuous jumbo roll-feed business forms .....	2002..	33	X	X
		1997..	29	X	X
3231165121	Custom continuous peel-back self-mailer business forms .....	2002..	10	X	X
		1997..	20	X	X
3231165126	Custom continuous insert self-mailer business forms .....	2002..	15	X	X
		1997..	18	X	X
3231165131	All other custom continuous self-mailer business forms .....	2002..	11	X	X
		1997..	8	X	X
32311652	Custom continuous business forms, one-part, with or without product affixed .....	2002..	N	X	X
		1997..	N	X	X
3231165236	Custom continuous business forms, one-part, with product affixed .....	2002..	17	X	X
		1997..	24	X	X
3231165241	All other custom continuous business forms, one-part, with no product affixed .....	2002..	78	X	X
		1997..	138	X	X
32311653	All other custom continuous business forms, multiple-part, with one-time carbon .....	2002..	N	X	X
		1997..	N	X	X
3231165346	All other custom continuous business forms, multiple-part, with one-time carbon .....	2002..	45	X	X
		1997..	122	X	X
32311654	All other custom continuous multiple-part business forms, carbonless .....	2002..	N	X	X
		1997..	N	X	X
3231165451	All other custom continuous multiple-part business forms, carbonless .....	2002..	137	X	X
		1997..	212	X	X
3231165Y	Custom continuous business forms, nsk .....	2002..	N	X	X
		1997..	N	X	X
3231165YVW	Custom continuous business forms, nsk .....	2002..	N	X	X
		1997..	N	X	X
3231167	Stock continuous business forms .....	2002..	N	X	X
		1997..	N	X	X
32311671	Stock continuous business forms .....	2002..	N	X	X
		1997..	N	X	X
3231167111	Stock continuous label/form combination business forms .....	2002..	6	X	X
		1997..	7	X	X
3231167116	Stock continuous jumbo roll-feed business forms .....	2002..	6	X	X
		1997..	5	X	X
3231167121	All other stock continuous business forms, one-part .....	2002..	20	X	X
		1997..	25	X	X
3231167126	All other stock continuous business forms, multiple-part, with one-time carbon .....	2002..	9	X	X
		1997..	17	X	X
3231167131	All other stock continuous business forms, multiple-part, carbonless .....	2002..	20	X	X
		1997..	26	X	X
3231167Y	Stock continuous business forms, nsk .....	2002..	N	X	X
		1997..	N	X	X
3231167YVW	Stock continuous business forms, nsk .....	2002..	N	X	X
		1997..	N	X	X
3231169	Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut) .....	2002..	N	X	X
		1997..	N	X	X
32311691	Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut) .....	2002..	N	X	X
		1997..	N	X	X
3231169100	Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut) .....	2002..	26	X	X
		1997..	42	X	X
323116W	Manifold business forms printing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
323116WY	Manifold business forms printing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
323116WYVW	Manifold business forms printing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
323116WYVY	Manifold business forms printing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
323117	Books printing .....	2002..	N	X	X
		1997..	N	X	X
3231171	Textbook printing and binding .....	2002..	N	X	X
		1997..	N	X	X
32311711	Hardbound elementary and high school (grades K through 12) textbook printing and binding, including teachers' editions .....	2002..	N	X	X
		1997..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323117	Books printing—Con.				
3231171	Textbook printing and binding—Con.				
32311711	Hardbound elementary and high school (grades K through 12) textbook printing and binding, including teachers' editions—Con.				
3231171111	Hardbound elementary and high school (grades K through 12) textbook printing and binding, including teachers' editions .....	2002.. 24	X	X	435 019
		1997.. 17	X	X	225 473
32311712	Paperbound elementary and high school (grades K through 12) textbook printing and binding, including teachers' editions .....	2002.. N	X	X	266 227
		1997.. N	X	X	299 551
3231171216	Paperbound elementary and high school (grades K through 12) textbook printing and binding, including teachers' editions .....	2002.. 48	X	X	266 227
		1997.. 58	X	X	299 551
32311713	Hardbound college (grades 13 and up, for any post high school level courses) textbook printing and binding .....	2002.. N	X	X	152 264
		1997.. N	X	X	172 610
3231171321	Hardbound college (grades 13 and up, for any post high school level courses) textbook printing and binding .....	2002.. 16	X	X	152 264
		1997.. 25	X	X	172 610
32311714	Paperbound college (grades 13 and up, for any post high school level courses) textbook printing and binding .....	2002.. N	X	X	154 915
		1997.. N	X	X	220 139
3231171426	Paperbound college (grades 13 and up, for any post high school level courses) textbook printing and binding .....	2002.. 36	X	X	154 915
		1997.. 66	X	X	220 139
32311715	Workbook and standardized test printing and binding, all grade levels .....	2002.. N	X	X	118 611
		1997.. N	X	X	67 552
3231171531	Workbook and standardized test printing and binding, all grade levels .....	2002.. 28	X	X	118 611
		1997.. 45	X	X	67 552
3231171Y	Textbook printing and binding, nsk .....	2002.. N	X	X	25 661
		1997.. N	X	X	14 484
3231171YWV	Textbook printing and binding, nsk .....	2002.. N	X	X	25 661
		1997.. N	X	X	14 484
3231173	Technical, scientific, and professional book printing and binding .....	2002.. N	X	X	552 767
		1997.. N	X	X	946 619
32311731	Technical, scientific, and professional book printing and binding .....	2002.. N	X	X	505 918
		1997.. N	X	X	904 467
3231173111	Hardbound technical, scientific, and professional book printing and binding .....	2002.. 25	X	X	96 661
		1997.. 40	X	X	150 779
3231173116	Paperbound technical, scientific, and professional book printing and binding .....	2002.. 125	X	X	409 257
		1997.. 223	X	X	753 688
3231173Y	Technical, scientific, and professional book printing and binding, nsk .....	2002.. N	X	X	46 849
		1997.. N	X	X	42 152
3231173YWV	Technical, scientific, and professional book printing and binding, nsk .....	2002.. N	X	X	46 849
		1997.. N	X	X	42 152
3231175	Religious book printing and binding .....	2002.. N	X	X	327 717
		1997.. N	X	X	339 078
32311751	Religious book printing and binding .....	2002.. N	X	X	309 210
		1997.. N	X	X	334 697
3231175111	Hardbound (including flexible cover) religious book printing and binding .....	2002.. 27	X	X	176 857
		1997.. 38	X	X	206 626
3231175116	Paperbound religious book printing and binding .....	2002.. 53	X	X	132 353
		1997.. 81	X	X	128 071
3231175Y	Religious book printing and binding, nsk .....	2002.. N	X	X	18 507
		1997.. N	X	X	4 381
3231175YWV	Religious book printing and binding, nsk .....	2002.. N	X	X	18 507
		1997.. N	X	X	4 381
3231177	General book (trade, etc.) printing and binding .....	2002.. N	X	X	1 237 810
		1997.. N	X	X	1 316 352
32311771	Hardbound book club and mail order book printing and binding .....	2002.. N	X	X	175 205
		1997.. N	X	X	196 455
3231177111	Hardbound book club and mail order book printing and binding .....	2002.. 17	X	X	175 205
		1997.. 19	X	X	196 455
32311772	Paperbound book club and mail order book printing and binding .....	2002.. N	X	X	163 305
		1997.. N	X	X	96 381
3231177216	Paperbound book club and mail order book printing and binding .....	2002.. 48	X	X	163 305
		1997.. 50	X	X	96 381
32311773	Mass market rack-size paperbound book printing and binding, distributed predominantly to mass market outlets .....	2002.. N	X	X	149 650
		1997.. N	X	X	218 790
3231177321	Mass market rack-size paperbound book printing and binding, distributed predominantly to mass market outlets .....	2002.. 13	X	X	149 650
		1997.. 30	X	X	218 790
32311774	Hardbound adult trade book printing and binding, sold primarily through retail or wholesale book sellers .....	2002.. N	X	X	264 476
		1997.. N	X	X	335 481
3231177426	Hardbound adult trade book printing and binding, sold primarily through retail or wholesale book sellers .....	2002.. 21	X	X	264 476
		1997.. 33	X	X	335 481
32311775	Paperbound adult trade book printing and binding, sold primarily through retail or wholesale book sellers .....	2002.. N	X	X	187 842
		1997.. N	X	X	248 643

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323117	Books printing—Con.				
3231177	General book (trade, etc.) printing and binding—Con.				
32311775	Paperbound adult trade book printing and binding, sold primarily through retail or wholesale book sellers—Con.				
3231177531	Paperbound adult trade book printing and binding, sold primarily through retail or wholesale book sellers	2002.. 39	X	X	187 842
		1997.. 68	X	X	248 643
32311776	Hardbound juvenile book printing and binding (fiction and nonfiction, including toy and coloring books)	2002.. N	X	X	118 408
		1997.. N	X	X	76 347
3231177636	Hardbound juvenile book printing and binding (fiction and nonfiction, including toy and coloring books)	2002.. 14	X	X	118 408
		1997.. 15	X	X	76 347
32311777	Paperbound juvenile book printing and binding (fiction and nonfiction, including toy and coloring books)	2002.. N	X	X	150 644
		1997.. N	X	X	79 402
3231177741	Paperbound juvenile book printing and binding (fiction and nonfiction, including toy and coloring books)	2002.. 32	X	X	150 644
		1997.. 45	X	X	79 402
32311777Y	General book (trade, etc.) printing and binding, nsk	2002.. N	X	X	28 280
		1997.. N	X	X	64 853
32311777YV	General book (trade, etc.) printing and binding, nsk	2002.. N	X	X	28 280
		1997.. N	X	X	64 853
3231179	Other book printing and binding	2002.. N	X	X	870 791
		1997.. N	X	X	901 400
32311791	Other book printing and binding	2002.. N	X	X	813 498
		1997.. N	X	X	844 789
3231179118	Hardbound reference book printing and binding (including encyclopedias, dictionaries, thesauruses, etc.)	2002.. 9	X	X	99 130
		1997.. N	X	X	N
3231179123	Paperbound reference book printing and binding (including encyclopedias, dictionaries, thesauruses, etc.)	2002.. 26	X	X	59 106
		1997.. N	X	X	N
3231179126	All other hardbound book printing and binding (including music books, university press books, etc.)	2002.. 41	X	X	386 740
		1997.. 41	X	X	276 481
3231179131	All other paperbound book printing and binding (including music books, university press books, etc.)	2002.. 103	X	X	268 522
		1997.. 133	X	X	267 853
3231179Y	Other book printing and binding, nsk	2002.. N	X	X	57 293
		1997.. N	X	X	56 611
3231179YV	Other book printing and binding, nsk	2002.. N	X	X	57 293
		1997.. N	X	X	56 611
323117A	Books, printing only, not bound	2002.. N	X	X	62 825
		1997.. N	X	X	114 774
323117A1	Books, printing only, not bound	2002.. N	X	X	62 825
		1997.. N	X	X	114 774
323117A100	Books, printing only, not bound	2002.. 49	X	X	62 825
		1997.. 116	X	X	114 774
323117C	Pamphlets, printing only or printing and binding (excluding advertising pamphlets)	2002.. N	X	X	103 659
		1997.. N	X	X	471 886
323117C1	Pamphlets, printing only or printing and binding (excluding advertising pamphlets)	2002.. N	X	X	103 659
		1997.. N	X	X	471 886
323117C100	Pamphlets, printing only or printing and binding (excluding advertising pamphlets)	2002.. 112	X	X	103 659
		1997.. 421	X	X	471 886
323117W	Books printing, nsk, total	2002.. N	X	X	483 794
		1997.. N	X	X	512 526
323117WY	Books printing, nsk, total	2002.. N	X	X	483 794
		1997.. N	X	X	512 526
323117WYV	Books printing, nsk, for nonadministrative-record establishments	2002.. N	X	X	327 982
		1997.. N	X	X	355 675
323117WYVY	Books printing, nsk, for administrative-record establishments	2002.. N	X	X	155 812
		1997.. N	X	X	156 851
323118	Blankbook, looseleaf binders, and devices manufacturing	2002.. N	X	X	1 505 329
		1997.. N	X	X	2 322 741
3231181	Blankbook making, except checkbooks	2002.. N	X	X	380 592
		1997.. N	X	X	475 826
32311811	Blankbook making, except checkbooks	2002.. N	X	X	369 972
		1997.. N	X	X	469 289
3231181111	Albums and scrapbooks, including photograph, stamp, and all other bound books used for storage, excluding looseleaf	2002.. 16	X	X	221 749
		1997.. 28	X	X	207 237
3231181116	Diaries, time planners-organizers, and appointment books, including refills, excluding looseleaf	2002.. 14	X	X	93 265
		1997.. 18	X	X	200 692
3231181121	All other blankbooks, including ledger and account books, columnar books, memo books, and address books	2002.. 11	X	X	54 958
		1997.. 20	X	X	61 360
3231181Y	Blankbook making, except checkbooks, nsk	2002.. N	X	X	10 620
		1997.. N	X	X	6 537
3231181YV	Blankbook making, except checkbooks, nsk	2002.. N	X	X	10 620
		1997.. N	X	X	6 537
3231183	Looseleaf binders, devices, and forms	2002.. N	X	X	937 615
		1997.. N	X	X	1 638 364
32311831	Looseleaf binders, devices, and forms	2002.. N	X	X	850 427
		1997.. N	X	X	1 474 143
3231183111	Stock (cataloged) three-ring looseleaf binders	2002.. 39	X	X	324 692
		1997.. 42	X	X	537 990
3231183116	Custom (including decorated) three-ring looseleaf binders	2002.. 64	X	X	194 752

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323118 3231183 32311831 3231183116	Blankbook, looseleaf binders, and devices manufacturing—Con. Looseleaf binders, devices, and forms—Con. Looseleaf binders, devices, and forms—Con. Custom (including decorated) three-ring looseleaf binders—Con.	1997.. 96	X	X	440 024
3231183121	Flexible prong, plastics channel, presentation, report, and brief cover binders .....	2002.. 11 1997.. 16	X X	X X	74 301 153 686
3231183132	All other looseleaf binders, including post, rigid prong, post-and-sleeve, and ring other than three-ring .....	2002.. 23 1997.. N	X X	X X	36 791 N
3231183136	Looseleaf devices and forms, including indexes, sheet protectors, looseleaf refills for time planners, organizers, photo albums, etc., metals, and other looseleaf binder components and devices .....	2002.. 52 1997.. 76	X X	X X	219 891 225 957
3231183Y	Looseleaf binders, devices, and forms, nsk .....	2002.. N 1997.. N	X X	X X	87 188 164 221
3231183YVW	Looseleaf binders, devices, and forms, nsk .....	2002.. N 1997.. N	X X	X X	87 188 164 221
323118W	Blankbook, looseleaf binders and devices manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	187 122 208 551
323118WY	Blankbook, looseleaf binders and devices manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	187 122 208 551
323118WYVW	Blankbook, looseleaf binders, and devices manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	125 605 131 705
323118WYWY	Blankbook, looseleaf binders, and devices manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	61 517 76 846
323119	Other commercial printing .....	2002.. N 1997.. N	X X	X X	2 556 218 3 458 992
3231193	Label and wrapper printing (letterpress) .....	2002.. N 1997.. N	X X	X X	343 919 716 576
32311931	Label and wrapper printing (letterpress) .....	2002.. N 1997.. N	X X	X X	252 646 556 928
3231193117	Label printing (letterpress), custom and stock labels, including bordered, made of paper, pressure-sensitive .....	2002.. 47 1997.. N	X X	X X	167 225 N
3231193119	Label printing, (letterpress), custom and stock labels, including bordered, made of paper, except pressure-sensitive .....	2002.. 23 1997.. N	X X	X X	42 657 N
3231193131	Label printing (letterpress), custom and stock labels, including bordered, made of materials other than paper (including cloth) .....	2002.. 9 1997.. 11	X X	X X	40 194 15 983
3231193139	Printed rolls and sheets for packaging purposes (printing only) (letterpress), including single-web and multi-web structures .....	2002.. 2 1997.. N	X X	X X	2 570 N
3231193Y	Label and wrapper printing (letterpress), nsk .....	2002.. N 1997.. N	X X	X X	91 273 159 648
3231193YVW	Label and wrapper printing (letterpress), nsk .....	2002.. N 1997.. N	X X	X X	91 273 159 648
3231199	Advertising printing (letterpress) .....	2002.. N 1997.. N	X X	X X	320 334 244 225
32311991	Advertising printing (letterpress) .....	2002.. N 1997.. N	X X	X X	263 761 164 315
3231199111	Direct mail advertising printing (letterpress), including circulars, letters, pamphlets, cards, and printed envelopes .....	2002.. 42 1997.. 66	X X	X X	151 910 54 493
3231199119	Display advertising printing (letterpress), including posters, floor, counter, point-of-purchase, window, and outdoor advertising materials .....	2002.. 76 1997.. N	X X	X X	68 814 N
3231199143	All other advertising printing (letterpress), including newspaper and magazine inserts, brochures, pamphlets, circular folders, etc. ....	2002.. 26 1997.. N	X X	X X	43 037 N
3231199Y	Advertising printing (letterpress), nsk .....	2002.. N 1997.. N	X X	X X	56 573 79 910
3231199YVW	Advertising printing (letterpress), nsk .....	2002.. N 1997.. N	X X	X X	56 573 79 910
323119C	Other commercial and general job printing (letterpress) .....	2002.. N 1997.. N	X X	X X	550 418 N
323119C1	Magazine, periodical, catalog, directory, financial, and legal printing (letterpress) .....	2002.. N 1997.. N	X X	X X	77 624 N
323119C112	Magazine and periodical printing (letterpress) .....	2002.. 37 1997.. N	X X	X X	28 326 N
323119C118	Catalog and directory printing (letterpress) .....	2002.. 38 1997.. N	X X	X X	16 053 N
323119C122	Financial and legal printing (letterpress) .....	2002.. 24 1997.. N	X X	X X	33 245 N
323119C2	Other commercial and general job printing (letterpress) .....	2002.. N 1997.. N	X X	X X	339 940 N
323119C227	Printed decalcomanias and pressure-sensitives (self-adhesive) (letterpress), including bumper stickers, etc., excluding labels .....	2002.. 36 1997.. N	X X	X X	21 369 N

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323119	Other commercial printing—Con.				
323119C	Other commercial and general job printing (letterpress)—Con.				
323119C2	Other commercial and general job printing (letterpress)—Con.				
323119C229	Business form printing (letterpress), excluding manifold, financial, and legal forms, blankbooks, and looseleaf forms .....	2002.. 29	X	X	30 067
		1997.. N	X	X	N
323119C231	Tag printing (letterpress), including embossed .....	2002.. 18	X	X	48 184
		1997.. N	X	X	N
323119C233	Ticket, coupon, and food and beverage check printing (letterpress), including transportation and amusement .....	2002.. 14	X	X	22 882
		1997.. N	X	X	N
323119C235	Calendar and calendar pad printing (letterpress) .....	2002.. 14	X	X	20 170
		1997.. N	X	X	N
323119C241	Embossing or embossing and printing plastics cards (credit, ID, etc.) .....	2002.. 18	X	X	85 657
		1997.. N	X	X	N
323119C292	All other commercial and general job printing (letterpress), including customized stationery .....	2002.. 70	X	X	111 611
		1997.. N	X	X	N
323119CY	Other commercial and general job printing (letterpress), nsk .....	2002.. N	X	X	132 854
		1997.. N	X	X	N
323119CYWV	Other commercial and general job printing (letterpress), nsk .....	2002.. N	X	X	132 854
		1997.. N	X	X	N
323119E	Engraving (printing) .....	2002.. N	X	X	141 208
		1997.. N	X	X	247 625
323119E1	Engraving (printing) .....	2002.. N	X	X	111 762
		1997.. N	X	X	201 027
323119E111	Security engraving .....	2002.. 9	X	X	23 256
		1997.. 4	X	X	D
323119E116	Social engraving .....	2002.. 5	X	X	D
		1997.. 8	X	X	D
323119E121	Business card engraving .....	2002.. 20	X	X	D
		1997.. 31	X	X	31 988
323119E126	Other commercial engraving .....	2002.. 38	X	X	47 097
		1997.. 47	X	X	75 569
323119EY	Engraving (printing), nsk .....	2002.. N	X	X	29 446
		1997.. N	X	X	46 598
323119EYWV	Engraving (printing), nsk .....	2002.. N	X	X	29 446
		1997.. N	X	X	46 598
323119J	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing) .....	2002.. N	X	X	105 621
		1997.. N	X	X	N
323119J1	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing) .....	2002.. N	X	X	105 621
		1997.. N	X	X	N
323119J100	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing) .....	2002.. 147	X	X	105 621
		1997.. N	X	X	N
323119W	Other commercial printing, nsk, total .....	2002.. N	X	X	1 094 718
		1997.. N	X	X	1 241 013
323119WY	Other commercial printing, nsk, total .....	2002.. N	X	X	1 094 718
		1997.. N	X	X	1 241 013
323119WYWW	Other commercial printing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	890 009
		1997.. N	X	X	917 105
323119WYWY	Other commercial printing, nsk, for administrative-record establishments .....	2002.. N	X	X	204 709
		1997.. N	X	X	323 908
323121	Tradebinding and related work .....	2002.. N	X	X	2 388 225
		1997.. N	X	X	1 915 223
3231211	Edition, library, and other hardcover binding of books (printed elsewhere) .....	2002.. N	X	X	343 172
		1997.. N	X	X	294 603
32312111	Hardcover edition binding of books (printed elsewhere) .....	2002.. N	X	X	86 492
		1997.. N	X	X	82 194
3231211111	Hardbound edition binding of elementary, high school, and college textbooks, and technical, scientific, business, and professional books (printed elsewhere) .....	2002.. 22	X	X	33 470
		1997.. 17	X	X	11 038
3231211116	Hardbound edition binding of general consumer and trade books (including adult and juvenile trade books, book club, and direct mail books) (printed elsewhere) .....	2002.. 20	X	X	36 359
		1997.. 28	X	X	44 959
3231211121	Hardbound edition binding of all other books, including religious and reference books (printed elsewhere) .....	2002.. 23	X	X	16 663
		1997.. 25	X	X	26 197
32312112	Library binding, hardcover binding of periodicals and records, and other hardcover binding (except edition) (printed elsewhere) .....	2002.. N	X	X	243 271
		1997.. N	X	X	181 577
3231211226	Library binding, hardcover binding of periodicals and records, and other hardcover binding (except edition) (printed elsewhere) .....	2002.. 38	X	X	243 271
		1997.. 44	X	X	181 577
3231211Y	Edition, library, and other hardcover binding of books, nsk .....	2002.. N	X	X	13 409
		1997.. N	X	X	30 832
3231211YWV	Edition, library, and other hardcover binding of books, nsk .....	2002.. N	X	X	13 409
		1997.. N	X	X	30 832

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323121	Tradebinding and related work—Con.				
3231215	Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere	2002.. N 1997.. N	X X	X X	670 910 N
32312151	Softcover binding of books (49 pages or more, exclusive of the covers) (printed elsewhere), adhesive binding	2002.. N 1997.. N	X X	X X	85 071 N
3231215111	Softcover binding of books (49 pages or more, exclusive of the covers) (printed elsewhere), adhesive binding	2002.. 77 1997.. N	X X	X X	85 071 N
32312152	Softcover binding of books (49 pages or more, exclusive of the covers) (printed elsewhere), mechanical binding	2002.. N 1997.. N	X X	X X	66 118 N
3231215216	Softcover binding of books (49 pages or more, exclusive of the covers) (printed elsewhere), mechanical binding	2002.. 71 1997.. N	X X	X X	66 118 N
32312153	Pamphlet and other softcover binding (printed elsewhere)	2002.. N 1997.. N	X X	X X	182 395 N
3231215321	Pamphlet and other softcover binding (printed elsewhere), adhesive binding	2002.. 51 1997.. N	X X	X X	79 699 N
3231215326	Pamphlet and other softcover binding (printed elsewhere), mechanical binding	2002.. 107 1997.. N	X X	X X	102 696 N
32312155	Sample books, swatches, and cards (color, carpet, upholstery, drapery, etc.), including sample mounting	2002.. N 1997.. N	X X	X X	271 181 N
3231215531	Sample books, swatches, and cards (color, carpet, upholstery, drapery, etc.), including sample mounting	2002.. 74 1997.. N	X X	X X	271 181 N
3231215Y	Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere, nsk	2002.. N 1997.. N	X X	X X	66 145 N
3231215YVV	Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere, nsk	2002.. N 1997.. N	X X	X X	66 145 N
3231217	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.	2002.. N 1997.. N	X X	X X	983 157 N
32312171	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.	2002.. N 1997.. N	X X	X X	983 157 N
3231217100	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.	2002.. 849 1997.. N	X X	X X	983 157 N
323121W	Tradebinding and related work, nsk, total	2002.. N 1997.. N	X X	X X	390 986 371 655
323121WY	Tradebinding and related work, nsk, total	2002.. N 1997.. N	X X	X X	390 986 371 655
323121WYWW	Tradebinding and related work, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	339 332 297 123
323121WYWY	Tradebinding and related work, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	51 654 74 532
323122	Prepress services	2002.. N 1997.. N	X X	X X	4 054 230 5 165 549
3231221	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	2002.. N 1997.. N	X X	X X	2 539 595 3 533 395
32312211	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	2002.. N 1997.. N	X X	X X	2 539 595 3 533 395
3231221100	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	2002.. 1 457 1997.. 1 821	X X	X X	2 539 595 3 533 395
3231223	Printing plates, prepared for printing (excluding blank plates)	2002.. N 1997.. N	X X	X X	841 366 721 759
32312231	Printing plates, prepared for printing (excluding blank plates)	2002.. N 1997.. N	X X	X X	783 804 617 998
3231223106	Lithographic plates, prepared for printing (excluding blank plates)	2002.. 357 1997.. 185	X X	X X	324 967 211 092
3231223116	Flexographic plates, prepared for printing, natural and synthetic rubber (excluding blank plates)	2002.. 48 1997.. 70	X X	X X	59 526 86 774
3231223121	Flexographic plates, prepared for printing, photopolymer (excluding blank plates)	2002.. 123 1997.. 118	X X	X X	237 974 177 312
3231223126	Gravure plates, prepared for printing (excluding blank plates)	2002.. 28 1997.. 21	X X	X X	115 747 72 485
3231223192	All other printing plates prepared for printing (excluding blank plates)	2002.. 67 1997.. N	X X	X X	45 590 N
3231223Y	Printing plates, prepared for printing (excluding blank plates), nsk	2002.. N 1997.. N	X X	X X	57 562 103 761
3231223YVV	Printing plates, prepared for printing (excluding blank plates), nsk	2002.. N 1997.. N	X X	X X	57 562 103 761

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323122	Prepress services—Con.				
323122W	Prepress services, nsk, total	2002.. N	X	X	673 269
		1997.. N	X	X	910 395
323122WY	Prepress services, nsk, total	2002.. N	X	X	673 269
		1997.. N	X	X	910 395
323122WYWW	Prepress services, nsk, for nonadministrative-record establishments	2002.. N	X	X	526 544
		1997.. N	X	X	694 625
323122WYWY	Prepress services, nsk, for administrative-record establishments	2002.. N	X	X	146 725
		1997.. N	X	X	215 770
324110	Petroleum refineries	2002.. N	X	X	186 760 748
		1997.. N	X	X	152 755 956
3241101	Gasoline, including finished base stocks and blending agents	2002.. N	X	X	96 063 543
		1997.. N	X	X	77 557 632
32411011	Gasoline, including finished base stocks and blending agents	2002.. N	X	X	96 063 543
		1997.. N	X	X	76 888 379
3241101111	Aviation gasoline (excluding jet fuel), including finished base stocks and blending agents	mil bbl. 2002.. 24	X	987.0	3 072 674
		1997.. 17	X	21.6	1 013 731
3241101121	Motor gasoline, including finished base stocks and blending agents	mil bbl. 2002.. 52	X	P2 911.0	92 990 869
		1997.. 62	X	2 816.1	75 874 648
3241101Y	Gasoline, including finished base stocks and blending agents, nsk	2002.. N	X	X	—
		1997.. N	X	X	669 253
3241101YWV	Gasoline, including finished base stocks and blending agents, nsk	2002.. N	X	X	—
		1997.. N	X	X	669 253
3241104	Jet fuel	2002.. N	X	X	16 730 551
		1997.. N	X	X	14 017 775
32411041	Jet fuel	2002.. N	X	X	16 730 551
		1997.. N	X	X	13 835 166
3241104111	Jet fuel, naphtha-type	mil bbl. 2002.. 13	X	P68.5	2 053 081
		1997.. 22	X	S	2 641 296
3241104121	Jet fuel, kerosene-type	mil bbl. 2002.. 34	X	483.4	14 677 470
		1997.. 47	X	470.4	11 193 870
3241104Y	Jet fuel, nsk	2002.. N	X	X	—
		1997.. N	X	X	182 609
3241104YWV	Jet fuel, nsk	2002.. N	X	X	—
		1997.. N	X	X	182 609
3241107	Kerosene, excluding jet fuel	2002.. N	X	X	749 518
		1997.. N	X	X	960 019
32411071	Kerosene, excluding jet fuel	2002.. N	X	X	749 518
		1997.. N	X	X	960 019
3241107100	Kerosene, excluding jet fuel	mil bbl. 2002.. 24	X	24.6	749 518
		1997.. 26	X	37.3	960 019
324110A	Light fuel oils	2002.. N	X	X	38 714 479
		1997.. N	X	X	28 941 405
324110A1	Light fuel oils	2002.. N	X	X	38 706 563
		1997.. N	X	X	28 643 819
324110A111	Distillate light fuel oil, including grades No. 1, 2, light diesel-type, light gas-enrichment oils, etc.	mil bbl. 2002.. 54	X	P1 272.0	37 160 902
		1997.. 70	X	1 142.9	27 377 088
324110A121	No. 4 type light fuel oil	mil bbl. 2002.. 13	X	S	1 545 661
		1997.. 14	X	59.5	1 266 731
324110AY	Light fuel oils, nsk	2002.. N	X	X	7 916
		1997.. N	X	X	297 586
324110AYWV	Light fuel oils, nsk	2002.. N	X	X	7 916
		1997.. N	X	X	297 586
324110D	Heavy fuel oils, including grades No. 5, 6, heavy diesel-type, heavy gas-enrichment oils, etc.	2002.. N	X	X	6 132 764
		1997.. N	X	X	4 295 288
324110D1	Heavy fuel oils, including grades No. 5, 6, heavy diesel-type, heavy gas-enrichment oils, etc.	2002.. N	X	X	6 132 764
		1997.. N	X	X	4 295 288
324110D100	Heavy fuel oils, including grades No. 5, 6, heavy diesel-type, heavy gas-enrichment oils, etc.	mil bbl. 2002.. 40	X	284.4	6 132 764
		1997.. 57	X	262.6	4 295 288
324110G	Petroleum lubricating oils and greases, made in a refinery	2002.. N	X	X	1 332 180
		1997.. N	X	X	704 035
324110G1	Petroleum lubricating oils and greases, made in a refinery	2002.. N	X	X	1 332 180
		1997.. N	X	X	667 596
324110G111	Lubricating oils (including hydraulic fluids, quenching and cutting oils, transformer oils, liquid rust preventives, etc.), made in a refinery	mil bbl. 2002.. 15	X	23.8	1 226 922
		1997.. 16	X	P11.7	556 138
324110G121	Lubricating greases, made in a refinery	mil bbl. 2002.. 6	X	S	105 258
		1997.. 8	X	S	111 458
324110GY	Lubricating oils and greases, made in a refinery, nsk	2002.. N	X	X	—
		1997.. N	X	X	36 439
324110GYWV	Lubricating oils and greases, made in a refinery, nsk	2002.. N	X	X	—
		1997.. N	X	X	36 439
324110J	Unfinished oils and lubricating oil base stock	2002.. N	X	X	8 291 328
		1997.. N	X	X	8 219 990
324110J1	Unfinished oils and lubricating oil base stock	2002.. N	X	X	8 291 328
		1997.. N	X	X	7 826 566
324110J111	Unfinished oils, naphthenic and paraffinic	mil bbl. 2002.. 34	X	117.7	2 952 035
		1997.. 33	X	129.5	3 298 305
324110J121	Naphtha and other unfinished oils for use as petrochemical feedstocks, excluding carbon black	mil bbl. 2002.. 25	X	P83.4	2 446 589
		1997.. 29	X	65.2	2 161 763
324110J131	Carbon black feedstock (unfinished oils)	mil bbl. 2002.. 17	X	P35.9	700 412
		1997.. 14	X	S	154 226
324110J141	Lubricating oil petroleum-base bright stock	mil bbl. 2002.. 6	X	D	D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
324110	Petroleum refineries—Con.				
324110J	Unfinished oils and lubricating oil base stock—Con.				
324110J1	Unfinished oils and lubricating oil base stock—Con.				
324110J141	Lubricating oil petroleum-base bright stock—Con.				
		1997..	11	X	9.3
		2002..	12	X	S
		1997..	16	X	32.1
324110J151	Lubricating oil petroleum-base neutral stock .....	mil bbl.	2002..	X	D
			1997..	X	D
324110J161	Lubricating oil petroleum-base red and pale oils .....	mil bbl.	2002..	X	P4.6
			1997..	X	184 531
324110J171	Other lubricating oil petroleum-base stocks .....	mil bbl.	2002..	X	21.1
			1997..	X	15.7
324110JY	Unfinished oils and lubricating oil base stock, nsk .....		2002..	N	X
			1997..	N	X
324110JYWV	Unfinished oils and lubricating oil base stock, nsk .....		2002..	N	X
			1997..	N	X
324110M	Asphalt .....		2002..	N	X
			1997..	N	X
324110M1	Asphalt .....		2002..	N	X
			1997..	N	X
324110M111	Paving grade asphalts .....	mil bbl.	2002..	41	X
			1997..	51	X
324110M121	Roofing grade asphalts .....	mil bbl.	2002..	21	X
			1997..	22	X
324110M131	All other miscellaneous asphalts .....	mil bbl.	2002..	21	X
			1997..	20	X
324110MY	Asphalt, nsk .....		2002..	N	X
			1997..	N	X
324110MYWV	Asphalt, nsk .....		2002..	N	X
			1997..	N	X
324110P	Liquefied refinery gases (aliphatics), made in a refinery .....		2002..	N	X
			1997..	N	X
324110P1	Liquefied refinery gases (aliphatics), made in a refinery .....		2002..	N	X
			1997..	N	X
324110P111	Liquefied refinery gases (aliphatics), for use as a chemical raw material, made in a refinery .....		2002..	25	X
			1997..	34	X
324110P121	Liquefied refinery gases (aliphatics), for other uses, made in a refinery .....		2002..	25	X
			1997..	29	X
324110PY	Liquefied refinery gases (aliphatics), made in a refinery, nsk .....		2002..	N	X
			1997..	N	X
324110PYWV	Liquefied refinery gases (aliphatics), made in a refinery, nsk .....		2002..	N	X
			1997..	N	X
324110T	Other finished petroleum products, including waxes, made in a refinery .....		2002..	N	X
			1997..	N	X
324110T1	Other finished petroleum products, including waxes, made in a refinery .....		2002..	N	X
			1997..	N	X
324110T111	Petrolatum .....	mil bbl.	2002..	8	X
			1997..	8	X
324110T121	Petroleum coke .....	1,000 s tons.	2002..	17	X
			1997..	23	X
324110T131	Calcined petroleum coke, made in a refinery .....	1,000 s tons.	2002..	12	X
			1997..	8	X
324110T141	Road oil, made in a refinery .....	mil bbl.	2002..	2	X
			1997..	4	X
324110T151	Still gas (refinery gas) .....	bil cu ft.	2002..	6	X
			1997..	5	X
324110T161	Special petroleum naphthas .....	mil bbl.	2002..	6	X
			1997..	7	X
324110T171	Aromatics (benzene, toluene, xylene, etc.), for use as a chemical raw material, made in a refinery <sup>12</sup> .....		2002..	17	X
			1997..	17	X
324110T181	Aromatics (benzene, toluene, xylene, etc.), for other uses, made in a refinery <sup>13</sup> .....		2002..	4	X
			1997..	7	X
324110T191	Microcrystalline petroleum waxes, made in a refinery .....	mil bbl.	2002..	4	X
			1997..	7	X
324110T1A1	Fully refined crystalline petroleum waxes, made in a refinery .....	mil bbl.	2002..	6	X
			1997..	13	X
324110T1B1	Other crystalline petroleum waxes, made in a refinery .....	mil bbl.	2002..	6	X
			1997..	10	X
324110T1C1	Other finished petroleum products, made in a refinery .....	mil bbl.	2002..	20	X
			1997..	24	X
324110TY	Other finished petroleum products, including waxes, made in a refinery, nsk .....		2002..	N	X
			1997..	N	X
324110TYWV	Other finished petroleum products, including waxes, made in a refinery, nsk .....		2002..	N	X
			1997..	N	X
324110W	Petroleum refineries, nsk, total .....		2002..	N	X
			1997..	N	X
324110WY	Petroleum refineries, nsk, total .....		2002..	N	X
			1997..	N	X
324110WYWV	Petroleum refineries, nsk, for nonadministrative-record establishments .....		2002..	N	X
			1997..	N	X
324110WYWY	Petroleum refineries, nsk, for administrative-record establishments .....		2002..	N	X
			1997..	N	X
324121	Asphalt paving mixture and block manufacturing .....		2002..	N	X
			1997..	N	X
3241210	Asphalt paving mixtures and blocks .....		2002..	N	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
324121	Asphalt paving mixture and block manufacturing—Con.				
3241210	Asphalt paving mixtures and blocks—Con.				
		1997..	N	X	5 561 898
32412101	Asphalt paving mixtures and blocks .....	2002..	N	X	6 160 720
		1997..	N	X	4 275 524
3241210111	Emulsified asphalt, including liquid additives .....	2002..	108	X	1 152 956
		1997..	83	X	790 945
3241210121	Other liquid asphalt and tar paving materials, including cut-backs .....	2002..	43	X	288 121
		1997..	39	X	390 519
3241210131	Asphalt and tar paving mixtures (excluding liquid), including bituminous or asphaltic concrete, and asphaltic paving cements .....	2002..	271	X	4 612 946
		1997..	313	X	3 020 060
3241210141	Other asphalt paving mixtures, excluding brick, concrete, granite, or stone .....	2002..	23	X	106 697
		1997..	18	X	74 000
3241210Y	Asphalt paving mixtures and blocks, nsk, total .....	2002..	N	X	1 106 608
		1997..	N	X	1 286 374
3241210YWW	Asphalt paving mixtures and blocks, nsk, for nonadministrative-record establishments .....	2002..	N	X	952 780
		1997..	N	X	1 058 996
3241210YWY	Asphalt paving mixtures and blocks, nsk, for administrative-record establishments .....	2002..	N	X	153 828
		1997..	N	X	227 378
324122	Asphalt shingle and coating materials manufacturing .....	2002..	N	X	5 677 126
		1997..	N	X	4 724 254
3241221	Roofing asphalts and pitches, coatings, and cements .....	2002..	N	X	920 825
		1997..	N	X	857 622
32412211	Roofing asphalt .....	2002..	N	X	512 544
		1997..	N	X	456 517
3241221111	Roofing asphalt .....	2002..	23	X	512 544
	1,000 s tons..	1997..	22	X	456 517
32412212	Fibrated and nonfibrated asphaltic roofing coatings .....	2002..	N	X	191 118
		1997..	N	X	167 379
3241221221	Fibrated asphaltic roofing coatings .....	2002..	12	X	146 258
	mil gal..	1997..	13	X	105 569
3241221231	Nonfibrated asphaltic roofing coatings .....	2002..	5	X	44 860
	mil gal..	1997..	11	X	61 810
32412213	Other roofing asphalts and pitches, coatings, and cements .....	2002..	N	X	208 181
		1997..	N	X	210 558
3241221341	Asphaltic roofing cements .....	2002..	6	X	31 676
		1997..	12	X	56 139
3241221351	Other roofing asphalts and pitches, coatings, and cements, including coal tar base coatings, cements, and roofing pitch .....	2002..	16	X	176 505
		1997..	22	X	154 419
3241221Y	Roofing asphalts and pitches, coatings, and cements, nsk .....	2002..	N	X	8 982
		1997..	N	X	23 168
3241221YWV	Roofing asphalts and pitches, coatings, and cements, nsk .....	2002..	N	X	8 982
		1997..	N	X	23 168
3241222	Prepared asphalt and tar roofing and siding products, including saturated felts and boards for nonbuilding use .....	2002..	N	X	4 607 855
		1997..	N	X	3 588 157
32412221	Asphalt smooth-surfaced roll roofing and cap sheets, organic and fiberglass base .....	2002..	N	X	711 364
		1997..	N	X	243 658
3241222121	Asphalt smooth-surfaced roll roofing and cap sheets, organic base .....	2002..	9	X	529 536
	mil sales sq..	1997..	11	X	88 586
3241222131	Asphalt smooth-surfaced roll roofing and cap sheets, fiberglass base .....	2002..	14	X	181 828
	mil sales sq..	1997..	10	X	155 072
32412222	Asphalt mineral-surfaced roll roofing and cap sheets, organic and fiberglass base .....	2002..	N	X	136 019
		1997..	N	X	163 691
3241222241	Asphalt mineral-surfaced roll roofing and cap sheets, organic base .....	2002..	4	X	D
	mil sales sq..	1997..	9	X	62 443
3241222251	Asphalt mineral-surfaced roll roofing and cap sheets, fiberglass base .....	2002..	11	X	D
	mil sales sq..	1997..	13	X	101 248
32412223	Asphalt strip shingles, organic base (excluding laminated), all weights .....	2002..	N	X	280 053
		1997..	N	X	301 708
3241222361	Asphalt strip shingles, organic base (excluding laminated), 235 to 240 lb-sales sq .....	2002..	4	X	63 236
	mil sales sq..	1997..	7	X	115 960
3241222371	Asphalt strip shingles, organic base (excluding laminated), all other weights .....	2002..	6	X	216 817
	mil sales sq..	1997..	7	X	185 748
32412224	Asphalt strip shingles, inorganic base (excluding laminated), 215 to 235 lb-sales sq .....	2002..	N	X	473 560
		1997..	N	X	587 203
3241222481	Asphalt strip shingles, inorganic base (excluding laminated), 215 to 235 lb-sales sq .....	2002..	7	X	473 560
	mil sales sq..	1997..	13	X	587 203
32412225	Asphalt strip shingles, inorganic base (excluding laminated), all other weights .....	2002..	N	X	502 342
		1997..	N	X	610 722
3241222591	Asphalt strip shingles, inorganic base (excluding laminated), all other weights .....	2002..	7	X	502 342
	mil sales sq..	1997..	10	X	610 722
32412226	Laminated or multilayered asphalt strip shingles, and individual shingles .....	2002..	N	X	1 534 271
		1997..	N	X	882 986
32412226A1	Laminated or multilayered asphalt strip shingles, organic or inorganic base .....	2002..	9	X	999 159

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
324122	Asphalt shingle and coating materials manufacturing—Con.				
3241222	Prepared asphalt and tar roofing and siding products, including saturated felts and boards for nonbuilding use—Con.				
32412226	Laminated or multilayered asphalt strip shingles, and individual shingles—Con.				
32412226A1	Laminated or multilayered asphalt strip shingles, organic or inorganic base—Con.	1997..	15	X	D D
32412226B1	Asphalt and tar individual shingles, organic or inorganic base, all styles .....	mil sales sq. 2002..	7	X	S 535 112
		1997..	4	X	D
32412227	Other prepared asphalt and tar products for roofing and siding .....	2002..	N	X	X 812 063
		1997..	N	X	X 770 906
3241222711	Asphalt and tar saturated felts and boards for nonbuilding use .....	2002..	8	X	X 122 547
		1997..	1	X	X D
32412227C1	Modified bitumen membranes, styrene butadiene styrene (SBS) .....	mil sales sq. 2002..	14	X	S 161 526
		1997..	10	X	5.2 144 853
32412227D1	Modified bitumen membranes, atactic polypropylene (APP) .....	mil sales sq. 2002..	7	X	S 113 937
		1997..	10	X	4.0 107 512
32412227E1	Saturated asphalt and tar building ply felts, organic base .....	2002..	4	X	X 38 832
		1997..	5	X	X 46 228
32412227F1	Saturated asphalt and tar building ply felts, fiberglass base .....	2002..	4	X	X 43 632
		1997..	9	X	X D
32412227G1	Other saturated asphalt and tar building felts, organic base .....	2002..	9	X	X 214 605
		1997..	12	X	X 171 231
32412227H1	Other saturated asphalt and tar building felts, fiberglass base .....	2002..	5	X	X 14 870
		1997..	6	X	X 58 580
32412227J1	Other prepared asphalt and tar products for roofing and siding .....	2002..	9	X	X 102 114
		1997..	20	X	X 170 355
3241222Y	Prepared asphalt and tar roofing and siding products, including saturated felts and boards for nonbuilding use, nsk .....	2002..	N	X	X 158 183
		1997..	N	X	X 27 283
3241222YVW	Prepared asphalt and tar roofing and siding products, including saturated felts and boards for nonbuilding use, nsk .....	2002..	N	X	X 158 183
		1997..	N	X	X 27 283
324122W	Asphalt shingle and coating materials manufacturing, nsk, total .....	2002..	N	X	X 148 446
		1997..	N	X	X 278 475
324122WY	Asphalt shingle and coating materials manufacturing, nsk, total .....	2002..	N	X	X 148 446
		1997..	N	X	X 278 475
324122WYWW	Asphalt shingle and coating materials manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X 48 535
		1997..	N	X	X 168 863
324122WYWY	Asphalt shingle and coating materials manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X 99 911
		1997..	N	X	X 109 612
324191	Petroleum lubricating oil and grease manufacturing .....	2002..	N	X	X 6 425 890
		1997..	N	X	X 5 991 493
3241910	Petroleum lubricating oils and greases, made from refined petroleum .....	2002..	N	X	X 6 425 890
		1997..	N	X	X 5 991 493
32419101	Petroleum lubricating oils and greases, made from refined petroleum .....	2002..	N	X	X 5 844 814
		1997..	N	X	X 4 960 840
3241910111	Lubricating oils (including hydraulic fluids, quenching and cutting oils, transformer oils, liquid rust preventives, etc.), made from refined petroleum .....	mil bbl. 2002..	184	X	S 5 100 813
		1997..	157	X	950.6 4 563 073
3241910121	Lubricating greases, made from refined petroleum .....	mil bbl. 2002..	50	X	S 744 001
		1997..	48	X	S 397 767
3241910Y	Petroleum lubricating oils and greases, made from refined petroleum, nsk, total .....	2002..	N	X	X 581 076
		1997..	N	X	X 1 030 653
3241910YVW	Petroleum lubricating oils and greases, made from refined petroleum, nsk, for nonadministrative-record establishments .....	2002..	N	X	X 385 419
		1997..	N	X	X 558 816
3241910YWY	Petroleum lubricating oils and greases, made from refined petroleum, nsk, for administrative-record establishments .....	2002..	N	X	X 195 657
		1997..	N	X	X 471 837
324199	All other petroleum and coal products manufacturing .....	2002..	N	X	X 1 919 436
		1997..	N	X	X 1 632 114
3241991	Coke oven and blast furnace products, made in coke oven establishments .....	2002..	N	X	X 541 361
		1997..	N	X	X 450 235
32419911	Coke oven and blast furnace products, made in coke oven establishments .....	2002..	N	X	X 541 361
		1997..	N	X	X 450 235
3241991111	Coke oven products, coke (excluding screenings and breeze), made in coke oven establishments .....	1,000 s tons. 2002..	16	X	S 523 652
		1997..	7	3 208.8	3 244.2 411 766
3241991121	Coke oven products, screenings and breeze, made in coke oven establishments .....	1,000 s tons. 2002..	2	X	D
		1997..	4	325.3	255.6 13 958
3241991131	Coke oven products, crude tar, made in coke oven establishments .....	mil gal. 2002..	4	X	11.9 5 656
		1997..	5	29.4	29.5 16 779
3241991141	Coke oven products, crude light oil, made in coke oven establishments .....	mil gal. 2002..	6	X	18.4 9 045

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
324199	All other petroleum and coal products manufacturing—Con.					
3241991	Coke oven and blast furnace products, made in coke oven establishments—Con.					
32419911	Coke oven and blast furnace products, made in coke oven establishments—Con.					
3241991141	Coke oven products, crude light oil, made in coke oven establishments—Con.					
		1997..	4	8.7	8.8	5 146
3241991151	Coke oven products, other (including tar derivatives, ammonia, light oil derivations, and coke oven gas), made in coke oven establishments	2002..	3	X	X	D
		1997..	5	X	X	2 586
3241991Y	Coke oven and blast furnace products, made in coke oven establishments, nsk	2002..	N	X	X	—
		1997..	N	X	X	—
3241991YV	Coke oven and blast furnace products, made in coke oven establishments, nsk	2002..	N	X	X	—
		1997..	N	X	X	—
3241992	All other petroleum and coal products (excluding coke oven products), made in coke oven establishments	2002..	N	X	X	1 311 341
		1997..	N	X	X	1 083 135
32419921	Calcined petroleum coke, made in coke oven establishments	2002..	N	X	X	502 461
		1997..	N	X	X	762 010
3241992131	Calcined petroleum coke, made in coke oven establishments	2002..	10	X	S	502 461
	1,000 s tons.	1997..	11	X	5 120.4	762 010
32419922	All other petroleum and coal products, made in coke oven establishments	2002..	N	X	X	734 503
		1997..	N	X	X	321 125
3241992211	Microcrystalline petroleum waxes, made from refined petroleum	2002..	10	X	S	214 556
	mil bbl.	1997..	5	X	S	37 568
3241992221	Crystalline petroleum waxes, made from refined petroleum	2002..	8	X	S	217 147
	mil bbl.	1997..	5	X	S	29 764
3241992241	All other petroleum and coal products (including packaged fuel and fuel briquettes), made in coke oven establishments	2002..	14	X	S	302 800
	1,000 s tons.	1997..	17	X	S	253 793
3241992Y	All other petroleum and coal products (excluding coke oven products), made in coke oven establishments, nsk	2002..	N	X	X	74 377
		1997..	N	X	X	—
3241992YV	All other petroleum and coal products (excluding coke oven products), made in coke oven establishments, nsk	2002..	N	X	X	74 377
		1997..	N	X	X	—
324199W	All other petroleum and coal products manufacturing, nsk, total	2002..	N	X	X	66 734
		1997..	N	X	X	98 744
324199WY	All other petroleum and coal products manufacturing, nsk, total	2002..	N	X	X	66 734
		1997..	N	X	X	98 744
324199WYV	All other petroleum and coal products manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	X	15 759
		1997..	N	X	X	81 237
324199WYVY	All other petroleum and coal products manufacturing, nsk, for administrative-record establishments	2002..	N	X	X	50 975
		1997..	N	X	X	17 507
325110	Petrochemical manufacturing	2002..	N	X	X	16 105 958
		1997..	N	X	X	17 349 259
3251101	Aromatics (benzene, toluene, xylene, etc.), made in petrochemical plants	2002..	N	X	X	7 803 306
		1997..	N	X	X	4 526 855
32511011	Aromatics (benzene, toluene, xylene, etc.), made in petrochemical plants	2002..	N	X	X	7 803 014
		1997..	N	X	X	4 371 009
3251101111	Aromatics (benzene, toluene, xylene, etc.), for use as a chemical raw material, made in petrochemical plants <sup>14</sup>	2002..	23	X	X	5 344 662
		1997..	28	X	X	3 894 159
3251101121	Aromatics (benzene, toluene, xylene, etc.), for other uses, made in petrochemical plants <sup>15</sup>	2002..	15	X	X	2 458 352
		1997..	11	X	X	476 850
3251101Y	Aromatics (benzene, toluene, xylene, etc.), made in petrochemical plants, nsk	2002..	N	X	X	292
		1997..	N	X	X	155 846
3251101YV	Aromatics (benzene, toluene, xylene, etc.), made in petrochemical plants, nsk	2002..	N	X	X	292
		1997..	N	X	X	155 846
3251104	Liquefied refinery gases (aliphatics), made in petrochemical plants	2002..	N	X	X	8 163 068
		1997..	N	X	X	12 616 055
32511041	Liquefied refinery gases (aliphatics), made in petrochemical plants	2002..	N	X	X	8 163 068
		1997..	N	X	X	12 518 721
3251104111	Liquefied refinery gases (aliphatics), for use as a chemical raw material, made in petrochemical plants	2002..	19	X	X	7 885 397
		1997..	28	X	X	10 874 937
3251104121	Liquefied refinery gases (aliphatics), for other uses, made in petrochemical plants	2002..	9	X	X	277 671
		1997..	9	X	X	1 643 784
3251104Y	Liquefied refinery gases (aliphatics), made in petrochemical plants, nsk	2002..	N	X	X	—
		1997..	N	X	X	97 334
3251104YV	Liquefied refinery gases (aliphatics), made in petrochemical plants, nsk	2002..	N	X	X	—
		1997..	N	X	X	97 334
325110W	Petrochemical manufacturing nsk, total	2002..	N	X	X	139 584
		1997..	N	X	X	206 349
325110WY	Petrochemical manufacturing nsk, total	2002..	N	X	X	139 584

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**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
325110	Petrochemical manufacturing—Con.					
325110W	Petrochemical manufacturing nsk, total—Con.					
325110WY	Petrochemical manufacturing nsk, total—Con.					
		1997..	N	X	X	206 349
325110WYWW	Petrochemical manufacturing nsk, for nonadministrative-record establishments .....	2002..	N	X	X	137 615
		1997..	N	X	X	189 458
325110WYWY	Petrochemical manufacturing nsk, for administrative-record establishments .....	2002..	N	X	X	1 969
		1997..	N	X	X	16 891
325120	Industrial gas manufacturing .....	2002..	N	X	X	5 898 777
		1997..	N	X	X	5 239 133
3251201	Acetylene .....	2002..	N	X	X	79 811
		1997..	N	X	X	139 751
32512011	Acetylene .....	2002..	N	X	X	79 811
		1997..	N	X	X	139 751
3251201100	Acetylene <sup>16</sup> .....	2002..	17	X	X	79 811
		1997..	24	X	X	139 751
3251204	Carbon dioxide .....	2002..	N	X	X	481 665
		1997..	N	X	X	363 123
32512041	Carbon dioxide .....	2002..	N	X	X	481 665
		1997..	N	X	X	363 123
3251204100	Carbon dioxide <sup>16</sup> .....	2002..	35	X	X	481 665
		1997..	34	X	X	363 123
3251207	Nitrogen .....	2002..	N	X	X	1 181 877
		1997..	N	X	X	1 198 873
32512071	Nitrogen .....	2002..	N	X	X	1 181 877
		1997..	N	X	X	1 198 873
3251207100	Nitrogen <sup>16</sup> .....	2002..	17	X	X	1 181 877
		1997..	22	X	X	1 198 873
325120A	Oxygen .....	2002..	N	X	X	800 677
		1997..	N	X	X	993 637
325120A1	Oxygen .....	2002..	N	X	X	800 677
		1997..	N	X	X	993 637
325120A100	Oxygen <sup>16</sup> .....	2002..	19	X	X	800 677
		1997..	18	X	X	993 637
325120C	Argon and hydrogen .....	2002..	N	X	X	1 633 768
		1997..	N	X	X	N
325120C1	Argon and hydrogen .....	2002..	N	X	X	1 633 768
		1997..	N	X	X	N
325120C100	Argon and hydrogen <sup>16</sup> .....	2002..	24	X	X	1 633 768
		1997..	N	X	X	N
325120G	Fluorocarbon gases .....	2002..	N	X	X	694 756
		1997..	N	X	X	N
325120G1	Fluorocarbon gases .....	2002..	N	X	X	694 756
		1997..	N	X	X	N
325120G100	Fluorocarbon gases .....	2002..	12	X	X	694 756
		1997..	N	X	X	N
325120U	Other industrial gases .....	2002..	N	X	X	640 618
		1997..	N	X	X	N
325120U1	Other industrial gases .....	2002..	N	X	X	640 618
		1997..	N	X	X	N
325120U100	Other industrial gases (including helium, nitrous oxide, elemental, and other compressed gases) .....	2002..	18	X	X	640 618
		1997..	N	X	X	N
325120W	Industrial gas manufacturing, nsk, total .....	2002..	N	X	X	385 605
		1997..	N	X	X	333 826
325120WY	Industrial gas manufacturing, nsk, total .....	2002..	N	X	X	385 605
		1997..	N	X	X	333 826
325120WYWW	Industrial gas manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	336 028
		1997..	N	X	X	245 573
325120WYWY	Industrial gas manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	49 577
		1997..	N	X	X	88 253
325131	Inorganic dye and pigment manufacturing .....	2002..	N	X	X	3 727 849
		1997..	N	X	X	3 909 940
3251311	Titanium dioxide, composite and pure .....	2002..	N	X	X	2 551 674
		1997..	N	X	X	2 499 187
32513111	Titanium dioxide, composite and pure .....	2002..	N	X	X	2 551 674
		1997..	N	X	X	2 499 187
3251311100	Titanium dioxide, composite and pure .....	2002..	9	X	X	2 551 674
		1997..	5	X	X	2 499 187
3251314	Other white opaque pigments .....	2002..	N	X	X	185 383
		1997..	N	X	X	363 246
32513141	Other white opaque pigments .....	2002..	N	X	X	185 383
		1997..	N	X	X	363 246
3251314111	Zinc oxide pigments .....	1,000 s tons. 2002..	5	X	D	D
		1997..	7	X	112.7	146 045
3251314121	Titanium pigment preparations .....	1,000 s tons. 2002..	3	X	D	D
		1997..	5	X	S	84 264
3251314131	All other inorganic white opaque pigments .....	1,000 s tons. 2002..	6	X	S	91 715
		1997..	6	X	S	132 937
3251314Y	Other white opaque pigments, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
3251314YWV	Other white opaque pigments, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325131	Inorganic dye and pigment manufacturing—Con.				
3251317	Chrome colors and other inorganic pigments	2002.. N	X	X	925 121
		1997.. N	X	X	932 639
32513171	Chrome colors	2002.. N	X	X	275 962
		1997.. N	X	X	117 062
3251317110	Chrome colors	2002.. 13	X	X	275 962
		1997.. 9	X	X	117 062
32513172	Iron oxide pigments	2002.. N	X	X	186 765
		1997.. N	X	X	331 457
3251317211	Iron oxide pigments	2002.. 13	X	X	186 765
		1997.. 16	X	X	331 457
32513173	White extender pigments, including barytes, blanc fixe, and whiting, ceramic color pigments, and all other inorganic pigments	2002.. N	X	X	454 624
		1997.. N	X	X	484 120
3251317311	White extender pigments, including barytes, blanc fixe, and whiting	2002.. 2	X	D	D
		1997.. 3	X	D	D
3251317321	Ceramic color pigments	2002.. 3	X	D	D
		1997.. 5	X	D	D
3251317331	All other miscellaneous inorganic pigments	2002.. 16	X	X	413 991
		1997.. 15	X	X	295 275
3251317Y	Chrome colors and other inorganic pigments, nsk	2002.. N	X	X	7 770
		1997.. N	X	X	—
3251317YV	Chrome colors and other inorganic pigments, nsk	2002.. N	X	X	7 770
		1997.. N	X	X	—
325131W	Inorganic dye and pigment manufacturing, nsk, total	2002.. N	X	X	65 671
		1997.. N	X	X	114 868
325131WY	Inorganic dye and pigment manufacturing, nsk, total	2002.. N	X	X	65 671
		1997.. N	X	X	114 868
325131WYV	Inorganic dye and pigment manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	8 614
		1997.. N	X	X	79 524
325131WYVY	Inorganic dye and pigment manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	57 057
		1997.. N	X	X	35 344
325132	Synthetic organic dye and pigment manufacturing	2002.. N	X	X	2 514 132
		1997.. N	X	X	2 746 542
3251321	Synthetic organic dyes	2002.. N	X	X	992 698
		1997.. N	X	X	1 060 777
32513211	Synthetic organic dyes	2002.. N	X	X	992 698
		1997.. N	X	X	1 060 777
3251321100	Synthetic organic dyes	2002.. 40	X	X	992 698
		1997.. 52	X	X	1 060 777
3251324	Synthetic organic pigments, lakes, and toners	2002.. N	X	X	1 447 870
		1997.. N	X	X	1 623 765
32513241	Synthetic organic pigments, lakes, and toners	2002.. N	X	X	1 447 870
		1997.. N	X	X	1 623 765
3251324100	Synthetic organic pigments, lakes, and toners	2002.. 34	X	X	1 447 870
		1997.. 52	X	X	1 623 765
325132W	Synthetic organic dye and pigment manufacturing, nsk, total	2002.. N	X	X	73 564
		1997.. N	X	X	62 000
325132WY	Synthetic organic dye and pigment manufacturing, nsk, total	2002.. N	X	X	73 564
		1997.. N	X	X	62 000
325132WYV	Synthetic organic dye and pigment manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	32 197
		1997.. N	X	X	9 487
325132WYVY	Synthetic organic dye and pigment manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	41 367
		1997.. N	X	X	52 513
325181	Alkalies and chlorine manufacturing	2002.. N	X	X	2 911 680
		1997.. N	X	X	3 081 950
3251811	Chlorine, compressed or liquefied	2002.. N	X	X	979 384
		1997.. N	X	X	1 223 456
32518111	Chlorine, compressed or liquefied	2002.. N	X	X	979 384
		1997.. N	X	X	1 223 456
3251811100	Chlorine, compressed or liquefied	2002.. 22	X	X	979 384
		1997.. 17	X	X	1 223 456
3251814	Sodium hydroxide (caustic soda)	2002.. N	X	X	1 398 397
		1997.. N	X	X	1 446 405
32518141	Sodium hydroxide (caustic soda)	2002.. N	X	X	1 398 397
		1997.. N	X	X	1 446 405
3251814100	Sodium hydroxide (caustic soda)	2002.. 27	X	X	1 398 397
		1997.. 29	X	X	1 446 405
3251817	Other alkalies	2002.. N	X	X	507 751
		1997.. N	X	X	389 286
32518171	Other alkalies	2002.. N	X	X	507 751
		1997.. N	X	X	389 286
3251817100	Other alkalies	2002.. 19	X	X	507 751
		1997.. 15	X	X	389 286
325181W	Alkalies and chlorine manufacturing, nsk, total	2002.. N	X	X	26 148
		1997.. N	X	X	22 803
325181WY	Alkalies and chlorine manufacturing, nsk, total	2002.. N	X	X	26 148
		1997.. N	X	X	22 803
325181WYV	Alkalies and chlorine manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	12 846
		1997.. N	X	X	104
325181WYVY	Alkalies and chlorine manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	13 302
		1997.. N	X	X	22 699

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325182	Carbon black manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 057 344 948 421
3251820	Carbon black, all processes . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 057 344 948 421
32518201	Carbon black, all processes . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 055 402 948 421
3251820100	Carbon black, all processes . . . . . mil lb.	2002 . . . . . 14 1997 . . . . . 13	X X	S P3 798.1	1 055 402 948 421
3251820Y	Carbon black, all processes, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 942 -
3251820YWW	Carbon black, all processes, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 942 -
3251820YWY	Carbon black, all processes, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	- -
325188	All other basic inorganic chemical manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	14 042 311 15 441 829
3251881	Sulfuric acid . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	672 824 610 418
32518811	Sulfuric acid . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	672 824 610 418
3251881100	Sulfuric acid <sup>17</sup> . . . . .	2002 . . . . . 36 1997 . . . . . 40	X X	X X	672 824 610 418
3251884	Inorganic acids, excluding nitric, sulfuric and phosphoric . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	699 305 726 727
32518841	Inorganic acids, excluding nitric, sulfuric and phosphoric . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	699 305 726 727
3251884100	Inorganic acids, excluding nitric, sulfuric and phosphoric <sup>18</sup> . . . . .	2002 . . . . . 43 1997 . . . . . 43	X X	X X	699 305 726 727
3251887	Other inorganic aluminum compounds . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 321 004 780 781
32518871	Other inorganic aluminum compounds . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 321 004 780 781
3251887100	Other inorganic aluminum compounds <sup>18</sup> . . . . .	2002 . . . . . 29 1997 . . . . . 38	X X	X X	1 321 004 780 781
325188A	Potassium and sodium compounds, excluding bleaches, alkalies, and alum . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 749 183 2 134 630
325188A1	Potassium and sodium compounds, excluding bleaches, alkalies, and alum . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 749 183 2 134 630
325188A100	Potassium and sodium compounds, excluding bleaches, alkalies, and alum <sup>18</sup> . . . . .	2002 . . . . . 70 1997 . . . . . 81	X X	X X	1 749 183 2 134 630
325188D	Chemical catalytic preparations, excluding silica gel catalyst . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 188 749 1 857 513
325188D1	Chemical catalytic preparations, excluding silica gel catalyst . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 188 749 1 857 513
325188D100	Chemical catalytic preparations, excluding silica gel catalyst . . . . .	2002 . . . . . 37 1997 . . . . . 33	X X	X X	2 188 749 1 857 513
325188H	All other inorganic chemicals . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	6 557 095 N
325188H1	All other inorganic chemicals . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	6 364 291 N
325188H120	All other inorganic chemicals . . . . .	2002 . . . . . 160 1997 . . . . . N	X X	X X	6 032 999 N
325188H130	Carbon bisulfide (disulfide) . . . . .	2002 . . . . . 18 1997 . . . . . N	X X	X X	331 292 N
325188HY	All other inorganic chemicals, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	192 804 N
325188HYWV	All other inorganic chemicals, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	192 804 N
325188W	All other basic inorganic chemical manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	854 151 667 240
325188WY	All other basic inorganic chemical manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	854 151 667 240
325188WYWW	All other basic inorganic chemical manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	591 505 529 572
325188WYWY	All other basic inorganic chemical manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	262 646 137 668
325191	Gum and wood chemical manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 007 886 967 439
3251910	Gum and wood chemicals, including wood distillation products . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 007 886 967 439
32519101	Gum and wood chemicals, including wood distillation products . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	579 742 621 818
3251910111	Hardwood charcoal and charcoal briquets, including blends with lignite or other materials . . . . . 1,000 s tons.	2002 . . . . . 11 1997 . . . . . 8	X X	S S	505 803 356 393
3251910121	Tall oil, crude . . . . . mil lb.	2002 . . . . . 14 1997 . . . . . 24	X X	S S	73 939 265 425

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325191	Gum and wood chemical manufacturing—Con.				
3251910	Gum and wood chemicals, including wood distillation products—Con.				
32519102	Other gum and wood chemicals, incl. softwood distill. prod., gum naval stores, nat. tanning, tannic acid, nat. acetic acid, methanol, softwood charcoal, veg. pitches, wood tar and tar oil, etc. ....	2002.. N 1997.. N	X X	X X	357 391 310 066
3251910231	Refined tall oil (containing less than 90 percent free fatty acids, including tall oil resins, other than tall oil rosin) . . . . . mil lb.	2002.. 4 1997.. 9	X X	D 523.4	D 50 661
3251910241	Rosin and other tall oil derivatives, including rosin acid salts (excluding tall oil fatty acids) . . . . .	2002.. 1 1997.. 3	X X	X X	D 20 338
3251910291	Other gum and wood chems, incl. gum naval stores, nat. tanning and dyeing materials, tannic acid, nat. acetic acid, methanol, softwood charcoal, veg. pitches, wood tar and tar oil, pine oil, etc. ....	2002.. 14 1997.. 14	X X	X X	204 443 239 067
3251910Y	Gum and wood chemicals, including wood distillation products, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	70 753 35 555
3251910YWW	Gum and wood chemicals, including wood distillation products, nsk, for nonadministrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	18 951 16 672
3251910YWY	Gum and wood chemicals, including wood distillation products, nsk, for administrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	51 802 18 883
325192	Cyclic crude and intermediate manufacturing . . . . .	2002.. N 1997.. N	X X	X X	5 871 181 9 815 911
3251921	Cyclic (coal tar) intermediates . . . . .	2002.. N 1997.. N	X X	X X	5 211 781 8 905 865
32519211	Cyclic (coal tar) intermediates . . . . .	2002.. N 1997.. N	X X	X X	5 211 781 8 905 865
3251921100	Cyclic (coal tar) intermediates . . . . .	2002.. 37 1997.. 54	X X	X X	5 211 781 8 905 865
3251924	Tar, tar crudes, and tar pitches . . . . .	2002.. N 1997.. N	X X	X X	648 847 877 303
32519241	Tar, tar crudes, and tar pitches . . . . .	2002.. N 1997.. N	X X	X X	648 847 877 303
3251924100	Tar, tar crudes, and tar pitches . . . . .	2002.. 9 1997.. 12	X X	X X	648 847 877 303
325192W	Cyclic crude and intermediate manufacturing, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	10 553 32 743
325192WY	Cyclic crude and intermediate manufacturing, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	10 553 32 743
325192WYWW	Cyclic crude and intermediate manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	4 792 18 533
325192WYWY	Cyclic crude and intermediate manufacturing, nsk, for administrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	5 761 14 210
325193	Ethyl alcohol manufacturing . . . . .	2002.. N 1997.. N	X X	X X	3 037 125 2 266 624
3251930	Ethyl alcohol . . . . .	2002.. N 1997.. N	X X	X X	3 037 125 2 266 624
32519301	Fuel ethanol (fuel-grade ethyl alcohol), ethyl alcohol, manufactured by the wet mill process . . . . .	2002.. N 1997.. N	X X	X X	1 366 895 1 077 492
3251930111	Fuel ethanol (fuel-grade ethyl alcohol), ethyl alcohol, manufactured by the wet mill process . . . . .	2002.. 20 1997.. 10	X X	X X	1 366 895 1 077 492
32519302	Pure and other denatured (special or complete), ethyl alcohol, manufactured by the wet mill process . . . . .	2002.. N 1997.. N	X X	X X	182 321 233 408
3251930211	Pure (natural) (proof gal basis) ethyl alcohol, manufactured by the wet mill process . . . . .	2002.. 5 1997.. 7	X X	X X	90 598 146 931
3251930221	Other denatured (special or complete) ethyl alcohol, including natural and synthetic, for uses other than rubbing, manufactured by the wet mill process . . . . .	2002.. 6 1997.. 5	X X	X X	91 723 86 477
32519303	Fuel ethanol, ethyl alcohol, manufactured by other processes (dry mill-distillation) . . . . .	2002.. N 1997.. N	X X	X X	891 833 468 086
3251930311	Fuel ethanol, ethyl alcohol, manufactured by other processes (dry mill-distillation) . . . . .	2002.. 20 1997.. 16	X X	X X	891 833 468 086
32519304	Pure (natural) ethyl alcohol, manufactured by other processes (dry mill-distillation) (proof gal basis) . . . . .	2002.. N 1997.. N	X X	X X	299 625 215 861
3251930411	Pure (natural) ethyl alcohol, manufactured by other processes (dry mill-distillation) (proof gal basis) . . . . .	2002.. 11 1997.. 7	X X	X X	299 625 215 861
32519305	Other denatured (special or complete) ethyl alcohol, including natural and synthetic, for uses other than rubbing, manufactured by other processes (dry mill-distillation) . . . . .	2002.. N 1997.. N	X X	X X	217 431 240 936
3251930511	Other denatured (special or complete) ethyl alcohol, including natural and synthetic, for uses other than rubbing, manufactured by other processes (dry mill-distillation) . . . . .	2002.. 17 1997.. 8	X X	X X	217 431 240 936

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325193	Ethyl alcohol manufacturing—Con.				
3251930	Ethyl alcohol—Con.				
3251930Y	Ethyl alcohol, nsk, total .....	2002.. N	X	X	79 020
		1997.. N	X	X	30 841
3251930YWW	Ethyl alcohol, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	55 147
		1997.. N	X	X	3 398
3251930YWY	Ethyl alcohol, nsk, for administrative-record establishments .....	2002.. N	X	X	23 873
		1997.. N	X	X	27 443
325199	All other basic organic chemical manufacturing .....	2002.. N	X	X	46 774 413
		1997.. N	X	X	46 038 498
3251991	Fatty acids .....	2002.. N	X	X	1 706 802
		1997.. N	X	X	1 169 380
32519911	Fatty acids (produced for sale as such) .....	2002.. N	X	X	1 642 894
		1997.. N	X	X	1 153 352
3251991111	Stearic fatty acids (40 to 50 percent stearic content) .....	2002.. 9	X	S	333 235
		1997.. 3	X	D	D
3251991121	Hydrogenated animal and vegetable fatty acids .....	2002.. 9	X	S	163 971
		1997.. 4	X	S	110 759
3251991131	Other saturated acids, including hydrogenated fish and marine mammal fatty acids .....	2002.. 6	X	D	D
		1997.. 6	X	D	D
3251991141	Unsaturated oleic fatty acids, including white oleic acid and red oil .....	2002.. 3	X	D	D
		1997.. 2	X	D	D
3251991151	Other unsaturated fatty acids, including animal fatty acids other than oleic (I.V. 36-80), vegetable or marine (I.V. max. 115), and other unsaturated fatty acids (I.V. 116 or more) .....	2002.. 7	X	S	128 298
		1997.. 4	X	P136.7	16 210
3251991161	Tall oil containing less than 2 percent rosin acids and more than 95 percent fatty acids .....	2002.. 6	X	592.7	195 441
		1997.. 9	X	S	95 491
3251991171	Tall oil containing 2 percent or more rosin acids .....	2002.. 5	X	319.5	48 442
		1997.. 5	X	P217.4	44 117
3251991181	Fatty acid esters .....	2002.. 22	X	X	662 394
		1997.. 8	X	D	D
3251991Y	Fatty acids, nsk .....	2002.. N	X	X	63 908
		1997.. N	X	X	16 028
3251991YWW	Fatty acids, nsk .....	2002.. N	X	X	63 908
		1997.. N	X	X	16 028
3251994	Bulk pesticides and other bulk synthetic organic agricultural chemicals, excluding preparations .....	2002.. N	X	X	1 198 701
		1997.. N	X	X	1 203 403
32519941	Bulk pesticides and other bulk synthetic organic agricultural chemicals, excluding preparations .....	2002.. N	X	X	1 198 701
		1997.. N	X	X	1 203 403
3251994100	Bulk pesticides and other bulk synthetic organic agricultural chemicals, excluding preparations .....	2002.. 34	X	X	1 198 701
		1997.. 40	X	X	1 203 403
3251997	Industrial organic flavor oil mixtures and blends .....	2002.. N	X	X	422 239
		1997.. N	X	X	278 832
32519971	Industrial organic flavor oil mixtures and blends .....	2002.. N	X	X	422 239
		1997.. N	X	X	278 832
3251997100	Industrial organic flavor oil mixtures and blends .....	2002.. 16	X	X	422 239
		1997.. 12	X	X	278 832
325199A	Reagent and high-purity grades of organic chemicals refined from purchased technical grades .....	2002.. N	X	X	552 346
		1997.. N	X	X	382 027
325199A1	Reagent and high-purity grades of organic chemicals refined from purchased technical grades .....	2002.. N	X	X	552 346
		1997.. N	X	X	382 027
325199A100	Reagent and high-purity grades of organic chemicals refined from purchased technical grades .....	2002.. 29	X	X	552 346
		1997.. 8	X	X	382 027
325199E	Natural organic chemicals .....	2002.. N	X	X	1 429 633
		1997.. N	X	X	959 621
325199E1	Natural organic chemicals, including derivatives of fatty substances, excluding plasticizers .....	2002.. N	X	X	1 411 036
		1997.. N	X	X	896 298
325199E111	Natural organic chemical derivatives of fatty substances, incl salts, alcohols, and esters, excluding plasticizers and surface active agents .....	2002.. 26	X	X	415 409
		1997.. 18	X	X	437 072
325199E121	All other natural organic chemicals .....	2002.. 31	X	X	995 627
		1997.. 15	X	X	459 226
325199EY	Natural organic chemicals, nsk .....	2002.. N	X	X	18 597
		1997.. N	X	X	63 323
325199EYWW	Natural organic chemicals, nsk .....	2002.. N	X	X	18 597
		1997.. N	X	X	63 323
325199G	Synthetic organic alcohols, unmixed .....	2002.. N	X	X	1 816 454
		1997.. N	X	X	N
325199G1	Synthetic organic alcohols, unmixed .....	2002.. N	X	X	1 600 893
		1997.. N	X	X	N
325199G110	Synthetic organic alcohols, unmixed, methanol (methyl alcohol) .....	2002.. 9	X	X	342 842
		1997.. N	X	X	N
325199G120	Synthetic organic alcohols, unmixed, isopropyl alcohol .....	2002.. 7	X	X	D
		1997.. N	X	X	N
325199G130	Synthetic organic alcohols, unmixed, butyl alcohol .....	2002.. 3	X	X	D
		1997.. N	X	X	N
325199G140	Other synthetic organic alcohols, unmixed .....	2002.. 9	X	X	876 326
		1997.. N	X	X	N
325199G2	Synthetic organic alcohols, mixed .....	2002.. N	X	X	215 561

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325199	All other basic organic chemical manufacturing—Con.				
325199G	Synthetic organic alcohols, unmixed—Con.				
325199G2	Synthetic organic alcohols, mixed—Con.				
325199G210	Synthetic organic alcohols, mixed	1997.. N 2002.. 8	X X	X X	N 215 561
325199GY	Synthetic organic alcohols, unmixed, nsk	1997.. N 2002.. N	X X	X X	N -
325199GYWV	Synthetic organic alcohols, unmixed, nsk	1997.. N 2002.. N	X X	X X	N -
325199H	Synthetic organic chemicals for use as flavor and perfume materials	1997.. N 2002.. N	X X	X X	1 251 124 1 615 421
325199H1	Synthetic organic chemicals for use as flavor and perfume materials	2002.. N 1997.. N	X X	X X	1 134 699 1 579 829
325199H111	Synthetic organic chemicals for use as flavor and perfume materials, unmixed	2002.. 14 1997.. 30	X X	X X	675 991 1 147 817
325199H121	Synthetic organic chemicals for use as flavor and perfume materials, mixed	2002.. 13 1997.. 17	X X	X X	458 708 432 012
325199HY	Synthetic organic chemicals for use as flavor and perfume materials, nsk	2002.. N 1997.. N	X X	X X	116 425 35 592
325199HYWV	Synthetic organic chemicals for use as flavor and perfume materials, nsk	2002.. N 1997.. N	X X	X X	116 425 35 592
325199K	Synthetic organic rubber-processing chemicals	2002.. N 1997.. N	X X	X X	401 508 614 776
325199K1	Synthetic organic rubber-processing chemicals	2002.. N 1997.. N	X X	X X	401 508 614 776
325199K100	Synthetic organic rubber-processing chemicals	2002.. 17 1997.. 22	X X	X X	401 508 614 776
325199N	Synthetic organic plasticizers	2002.. N 1997.. N	X X	X X	589 162 958 211
325199N1	Synthetic organic plasticizers	2002.. N 1997.. N	X X	X X	589 162 958 211
325199N100	Synthetic organic plasticizers	2002.. 20 1997.. 34	X X	X X	589 162 958 211
325199R	Other synthetic organic chemicals	2002.. N 1997.. N	X X	X X	7 077 632 2 079 609
325199R1	Other synthetic organic chemicals	2002.. N 1997.. N	X X	X X	7 077 632 2 079 609
325199R100	Other synthetic organic chemicals	2002.. 116 1997.. 64	X X	X X	7 077 632 2 079 609
325199T	Miscellaneous end use chemicals and chemical products, excluding urea	2002.. N 1997.. N	X X	X X	15 066 283 12 025 380
325199T1	Miscellaneous end use chemicals and chemical products, excluding urea	2002.. N 1997.. N	X X	X X	15 066 283 12 025 380
325199T100	Miscellaneous end use chemicals and chemical products, excluding urea	2002.. 190 1997.. 239	X X	X X	15 066 283 12 025 380
325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	2002.. N 1997.. N	X X	X X	14 221 652 N
325199V1	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	2002.. N 1997.. N	X X	X X	14 221 652 N
325199V100	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	2002.. 95 1997.. N	X X	X X	14 221 652 N
325199W	All other basic organic chemical manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	1 040 877 1 980 857
325199WY	All other basic organic chemical manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	1 040 877 1 980 857
325199WYWV	All other basic organic chemical manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	589 672 1 803 968
325199WYWY	All other basic organic chemical manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	451 205 176 889
325211	Plastics material and resin manufacturing	2002.. N 1997.. N	X X	X X	46 080 950 45 833 316
3252111	Thermoplastic resins and plastics materials	2002.. N 1997.. N	X X	X X	37 614 483 36 589 561
32521111	Thermoplastic resins and plastics materials	2002.. N 1997.. N	X X	X X	37 453 820 36 589 561
3252111110	Thermoplastic resins and plastics materials, polyethylene	2002.. 171 mil lb. 1997.. N	X X	S N	11 702 588 N
3252111120	Thermoplastic resins and plastics materials, polypropylene	2002.. 105 mil lb. 1997.. N	X X	S N	5 761 414 N
3252111130	Thermoplastic resins and plastics materials, polystyrene	2002.. 63 mil lb. 1997.. N	X X	¶6 N	2 810 280 N
3252111140	Thermoplastic resins and plastics materials, polyvinyl chloride	2002.. 73 mil lb. 1997.. N	X X	¶19 N	561.9 6 165 917
3252111150	Thermoplastic resins and plastics materials, polyester	2002.. 50 mil lb. 1997.. N	X X	¶3 N	558.3 2 295 676
3252111160	Other thermoplastic resins and plastics materials	2002.. 134 1997.. N	X X	X X	8 717 945 N
3252111Y	Thermoplastic resins and plastics materials, nsk	2002.. N	X	X	160 663

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325211	Plastics material and resin manufacturing—Con.				
3252111	Thermoplastic resins and plastics materials—Con.				
3252111Y	Thermoplastic resins and plastics materials, nsk—Con.				
3252111YWV	Thermoplastic resins and plastics materials, nsk	1997.. N	X	X	N
		2002.. N	X	X	160 663
		1997.. N	X	X	N
3252114	Thermosetting resins and plastics materials	2002.. N	X	X	7 881 047
		1997.. N	X	X	8 722 920
32521141	Thermosetting resins and plastics materials	2002.. N	X	X	7 782 025
		1997.. N	X	X	8 722 920
3252114110	Thermosetting resins and plastics materials, phenolic	2002.. 48	X	S	2 030 726
		1997.. N	X	N	N
3252114120	Thermosetting resins and plastics materials, urea	2002.. 17	X	P4 111.5	405 723
		1997.. N	X	N	N
3252114130	Thermosetting resins and plastics materials, polyester	2002.. 52	X	S	1 904 934
		1997.. N	X	N	N
3252114140	Thermosetting resins and plastics materials, epoxy	2002.. 63	X	P1 312.9	1 074 566
		1997.. N	X	N	N
3252114150	Other thermosetting resins and plastics materials	2002.. 98	X	X	2 366 076
		1997.. N	X	X	N
3252114Y	Thermosetting resins and plastics materials, nsk	2002.. N	X	X	99 022
		1997.. N	X	X	N
3252114YWV	Thermosetting resins and plastics materials, nsk	2002.. N	X	X	99 022
		1997.. N	X	X	N
325211W	Plastics material and resin manufacturing, nsk, total	2002.. N	X	X	585 420
		1997.. N	X	X	520 835
325211WY	Plastics material and resin manufacturing, nsk, total	2002.. N	X	X	585 420
		1997.. N	X	X	520 835
325211WYWW	Plastics material and resin manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	579 520
		1997.. N	X	X	520 835
325211WYWY	Plastics material and resin manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	5 900
		1997.. N	X	X	-
325212	Synthetic rubber manufacturing	2002.. N	X	X	5 806 042
		1997.. N	X	X	6 249 385
3252120	Synthetic rubber (vulcanizable elastomers)	2002.. N	X	X	5 806 042
		1997.. N	X	X	6 249 385
32521201	Styrene-butadiene rubber (SBR), excluding latex	2002.. N	X	X	1 094 691
		1997.. N	X	X	1 090 752
3252120111	Styrene-butadiene rubber (SBR), excluding latex	2002.. 14	X	Q2 680.6	1 094 691
		1997.. 7	X	2 546.0	1 090 752
32521202	Styrene-butadiene rubber (SBR), latex	2002.. N	X	X	443 842
		1997.. N	X	X	477 767
3252120211	Styrene-butadiene rubber (SBR), latex	2002.. 8	X	P1 100.0	443 842
		1997.. 8	X	Q1 267.2	477 767
32521203	Butyl, polychloroprene, and stereo polyisoprene elastomers, and nitrile rubber, including latex	2002.. N	X	X	1 031 966
		1997.. N	X	X	1 116 279
3252120311	Nitrile rubber, including latex	2002.. 11	X	S	275 625
		1997.. 10	X	Q320.3	322 523
3252120321	Butyl, polychloroprene, and stereo polyisoprene elastomers, including latex	2002.. 8	X	S	756 341
		1997.. 8	X	805.9	793 756
32521204	Stereo polybutadiene elastomers, including latex	2002.. N	X	X	582 768
		1997.. N	X	X	469 844
3252120411	Stereo polybutadiene elastomers, including latex	2002.. 3	X	1 177.6	582 768
		1997.. 4	X	1 045.0	469 844
32521205	Ethylene-propylene elastomers, including latex	2002.. N	X	X	373 154
		1997.. N	X	X	639 560
3252120511	Ethylene-propylene elastomers, including latex	2002.. 11	X	P538.0	373 154
		1997.. 11	X	806.1	639 560
32521206	Silicone elastomers	2002.. N	X	X	561 991
		1997.. N	X	X	700 350
3252120611	Silicone elastomers	2002.. 25	X	S	561 991
		1997.. 16	X	S	700 350
32521207	Other elastomers, excluding thermoplastic elastomers, including latex	2002.. N	X	X	787 824
		1997.. N	X	X	492 811
3252120711	Other elastomers, excluding thermoplastic elastomers, including latex	2002.. 20	X	S	787 824
		1997.. 14	X	Q199.8	492 811
32521208	Thermoplastics elastomers	2002.. N	X	X	724 203
		1997.. N	X	X	962 329
3252120811	Thermoplastics elastomers	2002.. 16	X	Q679.1	724 203
		1997.. 12	X	Q732.9	962 329
3252120Y	Synthetic rubber (vulcanizable elastomers), nsk, total	2002.. N	X	X	205 603
		1997.. N	X	X	299 693
3252120YWW	Synthetic rubber (vulcanizable elastomers), nsk, for nonadministrative-record establishments	2002.. N	X	X	167 516
		1997.. N	X	X	186 315
3252120YWY	Synthetic rubber (vulcanizable elastomers), nsk, for administrative-record establishments	2002.. N	X	X	38 087
		1997.. N	X	X	113 378
325221	Cellulosic organic fiber manufacturing	2002.. N	X	X	969 543
		1997.. N	X	X	1 728 274
3252210	Rayon, acetate, and lyocell manufactured fibers	2002.. N	X	X	969 543
		1997.. N	X	X	1 728 274
32522101	Rayon, acetate, and lyocell manufactured fibers	2002.. N	X	X	951 526
		1997.. N	X	X	1 728 274
3252210131	Rayon, acetate, and lyocell textured yarn (including strip), made by filament yarn producers	2002.. 2	X	D	D
		1997.. -	X	-	-
3252210139	Rayon, acetate, and lyocell yarn (including strip), monofilament and group (multi) filament, made by filament yarn producers	2002.. 3	X	P35.5	79 534

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325221	Cellulosic organic fiber manufacturing—Con.				
3252210	Rayon, acetate, and lyocell manufactured fibers—Con.				
32522101	Rayon, acetate, and lyocell manufactured fibers—Con.				
3252210139	Rayon, acetate, and lyocell yarn (including strip), monofilament and group (multi) filament, made by filament yarn producers—Con.				
		1997..	N	X	N
3252210141	Rayon, acetate, and lyocell staple, tow, and salable waste .....	2002..	5	X	D
		1997..	4	X	D
3252210Y	Rayon, acetate, and lyocell manufactured fibers, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
3252210YWW	Rayon, acetate, and lyocell manufactured fibers, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
3252210YWY	Rayon, acetate, and lyocell manufactured fibers, nsk, for administrative-record establishments total .....	2002..	N	X	X
		1997..	N	X	X
325222	Noncellulosic organic fiber manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3252221	Nylon and other polyamide manufactured fibers .....	2002..	N	X	X
		1997..	N	X	X
32522211	Nylon and other polyamide manufactured fibers .....	2002..	N	X	X
		1997..	N	X	X
3252221111	Industrial nylon and other polyamide fiber yarns, including strip, made by filament yarn producers .....	2002..	9	X	S
		1997..	7	X	S
3252221121	Nylon and other polyamide fiber carpet yarns, including strip, made by filament yarn producers .....	2002..	6	X	S
		1997..	6	X	S
3252221131	Nylon and other polyamide fiber monofilament and fewofilament textile yarns, including strip, made by filament yarn producers .....	2002..	10	X	S
		1997..	9	X	S
3252221145	Nylon and other polyamide fiber staple, tow, and waste .....	2002..	5	X	S
		1997..	N	X	N
3252221Y	Nylon and other polyamide manufactured fibers, nsk .....	2002..	N	X	X
		1997..	N	X	X
3252221YWV	Nylon and other polyamide manufactured fibers, nsk .....	2002..	N	X	X
		1997..	N	X	X
3252224	Polyolefin manufactured fibers .....	2002..	N	X	X
		1997..	N	X	X
32522241	Polyolefin manufactured fibers .....	2002..	N	X	X
		1997..	N	X	X
3252224111	Polyolefin monofilament yarn, including strip, made by filament yarn producers .....	2002..	7	X	D
		1997..	8	X	D
3252224125	Polyolefin group (multi) filament and film, including strip .....	2002..	9	X	S
		1997..	N	X	N
3252224145	Polyolefin staple, tow, and waste .....	2002..	4	X	D
		1997..	N	X	N
3252224Y	Polyolefin manufactured fibers, nsk .....	2002..	N	X	X
		1997..	N	X	X
3252224YWV	Polyolefin manufactured fibers, nsk .....	2002..	N	X	X
		1997..	N	X	X
3252227	Polyester manufactured fibers .....	2002..	N	X	X
		1997..	N	X	X
32522271	Industrial polyester yarn, including strip, made by filament yarn producers .....	2002..	N	X	X
		1997..	N	X	X
3252227111	Industrial polyester yarn, including strip, made by filament yarn producers .....	2002..	4	X	150.0
		1997..	7	X	637.5
32522272	Polyester textile yarn, including strip, made by filament yarn producers .....	2002..	N	X	X
		1997..	N	X	X
3252227211	Polyester textile yarn, including strip, made by filament yarn producers .....	2002..	13	X	S
		1997..	11	X	S
32522273	Polyester fiberfill staple and tow .....	2002..	N	X	X
		1997..	N	X	X
3252227311	Polyester fiberfill staple and tow .....	2002..	7	X	D
		1997..	7	X	D
32522274	Other polyester staple and tow and polyester fiber salable waste .....	2002..	N	X	X
		1997..	N	X	X
3252227411	Other polyester staple and tow .....	2002..	4	X	D
		1997..	6	X	D
3252227421	Polyester fiber salable waste .....	2002..	3	X	891.6
		1997..	3	X	46.7
3252227Y	Polyester manufactured fibers, nsk .....	2002..	4	X	91.3
		1997..	N	X	X
3252227YWV	Polyester manufactured fibers, nsk .....	2002..	N	X	X
		1997..	N	X	X
325222A	Other manufactured noncellulosic fibers (excluding glass, carbon, and graphite) .....	2002..	N	X	X
		1997..	N	X	X
325222A1	Other manufactured noncellulosic fibers (excluding glass, carbon, and graphite) .....	2002..	N	X	X
		1997..	N	X	X
325222A115	Other manufactured noncellulosic fibers, yarn (including strip), monofilament and group (multi) filament, made by filament yarn producers .....	2002..	7	X	D
		1997..	N	X	N
325222A131	Other manufactured noncellulosic fibers staple, tow, and salable waste (excluding glass, carbon, and graphite) .....	2002..	5	X	D
		1997..	8	X	S

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325222	Noncellulosic organic fiber manufacturing—Con.				
325222A	Other manufactured noncellulosic fibers (excluding glass, carbon, and graphite)—Con.				
325222AY	Other manufactured noncellulosic fibers (excluding glass, carbon, and graphite), nsk	2002.. N 1997.. N	X X	X X	— 6 170
325222AYWV	Other manufactured noncellulosic fibers (excluding glass, carbon, and graphite), nsk	2002.. N 1997.. N	X X	X X	— 6 170
325222D	Producer-textured manufactured noncellulosic fibers	2002.. N 1997.. N	X X	X X	1 492 871 2 378 653
325222D1	Nylon and other polyamide textured fibers, made by noncellulosic fiber producers	2002.. N 1997.. N	X X	X X	D 1 583 520
325222D111	Nylon and other polyamide textured fibers, made by noncellulosic fiber producers	mil lb. 2002.. 4 1997.. 5	X X	D 1 181.5	D 1 583 520
325222D2	Polyester, polyolefin, and other noncellulosic textured fibers, made by noncellulosic fiber producers	2002.. N 1997.. N	X X	X X	D 795 133
325222D211	Polyester textured fibers, made by noncellulosic fiber producers	mil lb. 2002.. 9 1997.. 4	X X	S D	133 227 D
325222D221	Polyolefin textured fibers, made by noncellulosic fiber producers	mil lb. 2002.. 4 1997.. 4	X X	D 610.4	D 666 784
325222D231	Other noncellulosic textured fibers, made by noncellulosic fiber producers	mil lb. 2002.. 5 1997.. 2	X X	D D	D D
325222DY	Producer-textured manufactured noncellulosic fibers, nsk	2002.. N 1997.. N	X X	X X	— —
325222DYWV	Producer-textured manufactured noncellulosic fibers, nsk	2002.. N 1997.. N	X X	X X	— —
325222W	Noncellulosic organic fiber manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	46 496 28 747
325222WY	Noncellulosic organic fiber manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	46 496 28 747
325222WYWW	Noncellulosic organic fiber manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	31 359 14 563
325222WYWY	Noncellulosic organic fiber manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	15 137 14 184
325311	Nitrogenous fertilizer manufacturing	2002.. N 1997.. N	X X	X X	3 620 190 4 507 914
3253111	Synthetic ammonia, nitric acid, and ammonium compounds	2002.. N 1997.. N	X X	X X	2 648 458 3 511 869
32531111	Synthetic ammonia, nitric acid, and ammonium compounds	2002.. N 1997.. N	X X	X X	2 648 458 3 511 869
3253111100	Synthetic ammonia, nitric acid, and ammonium compounds <sup>17</sup>	2002.. 47 1997.. 64	X X	X X	2 648 458 3 511 869
3253114	Urea	2002.. N 1997.. N	X X	X X	759 383 784 792
32531141	Urea	2002.. N 1997.. N	X X	X X	759 383 784 792
3253114100	Urea <sup>17</sup>	2002.. 16 1997.. 21	X X	X X	759 383 784 792
3253117	Fertilizer materials of organic origin, including activated sewage sludge, processed tankage, and other natural fertilizer materials	2002.. N 1997.. N	X X	X X	87 012 70 394
32531171	Fertilizer materials of organic origin, including activated sewage sludge, processed tankage, and other natural fertilizer materials	2002.. N 1997.. N	X X	X X	87 012 70 394
3253117100	Fertilizer materials of organic origin, including activated sewage sludge, processed tankage, and other natural fertilizer materials	2002.. 25 1997.. 25	X X	X X	87 012 70 394
325311W	Nitrogenous fertilizer manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	125 337 140 859
325311WY	Nitrogenous fertilizer manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	125 337 140 859
325311WYWW	Nitrogenous fertilizer manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	26 233 51 069
325311WYWY	Nitrogenous fertilizer manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	99 104 89 790
325312	Phosphatic fertilizer manufacturing	2002.. N 1997.. N	X X	X X	3 808 778 5 362 239
3253121	Phosphoric acid	2002.. N 1997.. N	X X	X X	1 138 139 1 309 336
32531211	Phosphoric acid	2002.. N 1997.. N	X X	X X	1 138 139 1 309 336
3253121100	Phosphoric acid <sup>17</sup>	2002.. 15 1997.. 15	X X	X X	1 138 139 1 309 336
3253124	Superphosphates and other phosphatic fertilizer materials	2002.. N 1997.. N	X X	X X	2 441 130 3 614 889

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325312	Phosphatic fertilizer manufacturing—Con.				
3253124	Superphosphates and other phosphatic fertilizer materials—Con.				
32531241	Superphosphates and other phosphatic fertilizer materials	2002.. N 1997.. N	X X	X X	2 441 130 3 614 889
3253124100	Superphosphates and other phosphatic fertilizer materials <sup>17</sup>	2002.. 15 1997.. 20	X X	X X	2 441 130 3 614 889
3253127	Mixed fertilizers, made in plants which manufacture fertilizer materials	2002.. N 1997.. N	X X	X X	219 998 399 212
32531271	Mixed fertilizers, made in plants which manufacture fertilizer materials	2002.. N 1997.. N	X X	X X	219 998 391 278
3253127111	Mixed fertilizers, dry, shipped in packages, tablets, and similar forms, gross weight less than or equal to 22 lb (10 kg), made in plants which manufacture fertilizer materials	1,000 s tons.. 2002.. 5 1997.. 5	X X	S D	9 865 D
3253127121	Mixed fertilizers, dry, shipped in bulk, made in plants which manufacture fertilizer materials	1,000 s tons.. 2002.. 9 1997.. 10	X X	S D	120 069 D
3253127131	Mixed fertilizers, dry, shipped in bags, gross weight of 22 lb (10 kg) or more, made in plants which manufacture fertilizer materials	1,000 s tons.. 2002.. 7 1997.. 9	X X	S D	54 475 74 974
3253127141	Mixed fertilizers, liquid, made in plants which manufacture fertilizer materials	1,000 s tons.. 2002.. 9 1997.. 11	X X	¶312.3 1 348.9	35 589 119 702
3253127Y	Mixed fertilizers, made in plants which manufacture fertilizer materials, nsk	2002.. N 1997.. N	X X	X X	— 7 934
3253127YVW	Mixed fertilizers, made in plants which manufacture fertilizer materials, nsk	2002.. N 1997.. N	X X	X X	— 7 934
325312W	Phosphatic fertilizer manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	9 511 38 802
325312WY	Phosphatic fertilizer manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	9 511 38 802
325312WYVW	Phosphatic fertilizer manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	S 7 664
325312WYVY	Phosphatic fertilizer manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	14 225 31 138
325314	Fertilizer (mixing only) manufacturing	2002.. N 1997.. N	X X	X X	2 777 359 2 926 500
3253140	Mixed fertilizers, mixing only	2002.. N 1997.. N	X X	X X	2 777 359 2 926 500
32531401	Mixed fertilizers, dry, mixing only	2002.. N 1997.. N	X X	X X	2 084 798 2 161 736
3253140111	Mixed fertilizers, dry, shipped in packages, tablets, and similar forms, gross weight less than or equal to 22 lb (10 kg), mixing only	1,000 s tons.. 2002.. 38 1997.. 24	X X	S P1 455.8	1 041 904 478 726
3253140121	Mixed fertilizers, dry, shipped in bulk, mixing only	1,000 s tons.. 2002.. 48 1997.. 68	X X	S ¶2 845.3	366 542 632 322
3253140131	Mixed fertilizers, dry, shipped in bags, gross weight of 22 lb (10 kg) or more, mixing only	1,000 s tons.. 2002.. 52 1997.. 60	X X	S P2 719.6	324 338 709 149
3253140141	Potting soils, mixed with fertilizers and/or other chemicals, mixing only	1,000 s tons.. 2002.. 33 1997.. 25	X X	S 1 021.2	249 373 221 490
3253140151	Compost, mixed with chemicals and other materials for decay control, mixing only	1,000 s tons.. 2002.. 17 1997.. 12	X X	S 842.5	57 544 49 881
3253140161	Mixed plant foods, mixing only	1,000 s tons.. 2002.. 12 1997.. 13	X X	S 83.8	45 097 70 168
32531402	Mixed fertilizers, liquid, mixing only	2002.. N 1997.. N	X X	X X	278 839 294 950
3253140241	Mixed fertilizers, liquid, mixing only	1,000 s tons.. 2002.. 56 1997.. 67	X X	S P2 733.7	278 839 294 950
3253140Y	Mixed fertilizers, mixing only, nsk, total	2002.. N 1997.. N	X X	X X	413 722 469 814
3253140YVW	Mixed fertilizers, mixing only, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	319 527 329 749
3253140YVY	Mixed fertilizers, mixing only, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	94 195 140 065
325320	Pesticide and other agricultural chemical manufacturing	2002.. N 1997.. N	X X	X X	9 590 702 11 067 289
3253201	Agricultural and commercial pesticides and chemicals	2002.. N 1997.. N	X X	X X	6 262 894 9 244 512
32532011	Agricultural and commercial insecticides, carbamate preparations	2002.. N 1997.. N	X X	X X	D 436 615
3253201111	Agricultural and commercial insecticides, carbamate preparations	mil lb.. 2002.. 4 1997.. 10	X X	D ¶135.8	D 436 615
32532014	Agricultural and commercial insecticides, organo-phosphate preparations	2002.. N 1997.. N	X X	X X	166 954 235 424
3253201413	Agricultural and commercial insecticides, organo-phosphate preparations	mil lb.. 2002.. 10 1997.. 20	X X	D ¶69.2	D 235 424

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325320	Pesticide and other agricultural chemical manufacturing—Con.				
3253201	Agricultural and commercial pesticides and chemicals—Con.				
32532017	Agricultural and commercial insecticides, triazine preparations .....	2002.. N 1997.. N	X X	X X	D 924 493
3253201725	Agricultural and commercial insecticides, triazine preparations .....	mil lb. 2002.. 5 1997.. 7	X X	D 213.2	D 924 493
3253201A	All other agricultural and commercial pesticides and chemicals .....	2002.. N 1997.. N	X X	X X	4 508 327 6 798 070
3253201A15	All other agricultural and commercial biological (botanical, bacterial, etc.) preparations .....	mil lb. 2002.. 12 1997.. 10	X X	S 7.4	82 931 98 988
3253201A17	All other agricultural and commercial insecticides .....	mil lb. 2002.. 26 1997.. 33	X X	S S	712 196 513 192
3253201A21	All other agricultural and commercial phenoxy compounds preparations .....	mil lb. 2002.. 6 1997.. 14	X X	S S	246 300 488 850
3253201A23	All other agricultural and commercial urea preparations .....	mil lb. 2002.. 2 1997.. 5	X X	D 15.1	D 269 210
3253201A27	All other agricultural and commercial benzoic preparations .....	mil lb. 2002.. 2 1997.. —	X X	D —	D —
3253201A29	All other agricultural and commercial herbicides .....	mil lb. 2002.. 21 1997.. 26	X X	S S	3 146 524 3 725 864
3253201A41	All other agricultural and commercial fumigants, soil .....	mil lb. 2002.. 3 1997.. 6	X X	D 113.2	D 88 206
3253201A43	All other agricultural and commercial fumigants, including space, excluding household .....	mil lb. 2002.. — 1997.. 1	X X	— D	— D
3253201A45	All other agricultural and commercial defoliants and desiccants .....	mil lb. 2002.. 1 1997.. 3	X X	D D	D D
3253201A47	All other miscellaneous pesticides and chemicals, primarily for agricultural and commercial use .....	2002.. 28 1997.. 31	X X	X X	253 972 1 497 297
3253201D	Agricultural and commercial fungicides, inorganic or organic compounds .....	2002.. N 1997.. N	X X	X X	598 884 562 631
3253201D31	Agricultural and commercial fungicides, inorganic compounds .....	mil lb. 2002.. 14 1997.. 6	X X	S 43.5	278 448 111 003
3253201D33	Agricultural and commercial fungicides, organic compounds .....	mil lb. 2002.. 10 1997.. 13	X X	S 734.7	320 436 451 628
3253201Y	Agricultural and commercial pesticides and chemicals, nsk .....	2002.. N 1997.. N	X X	X X	283 502 287 279
3253201YVV	Agricultural and commercial pesticides and chemicals, nsk .....	2002.. N 1997.. N	X X	X X	283 502 287 279
3253204	Lawn and garden pesticides and chemicals .....	2002.. N 1997.. N	X X	X X	345 477 360 784
32532041	Lawn and garden pesticides and chemicals .....	2002.. N 1997.. N	X X	X X	271 477 288 392
3253204111	Lawn and garden carbamate preparations .....	mil lb. 2002.. 1 1997.. 8	X X	D 7.2	D 16 808
3253204113	Lawn and garden organo-phosphate preparations .....	mil lb. 2002.. 2 1997.. 9	X X	D 18.0	D 34 487
3253204115	Lawn and garden biological (botanical, bacterial, etc.) preparations .....	mil lb. 2002.. 2 1997.. 3	X X	D 9	D 1 500
3253204117	All other lawn and garden insecticides .....	mil lb. 2002.. 12 1997.. 8	X X	S 7.8	63 788 12 821
3253204121	Lawn and garden phenoxy compound preparations .....	mil lb. 2002.. 6 1997.. 7	X X	448.2 27.3	71 862 39 983
3253204123	Lawn and garden urea preparations .....	mil lb. 2002.. 2 1997.. 1	X X	D D	D D
3253204125	Lawn and garden triazine preparations .....	mil lb. 2002.. 1 1997.. 1	X X	D D	D D
3253204127	Lawn and garden benzoic preparations .....	mil lb. 2002.. — 1997.. —	X X	— —	— —
3253204129	All other lawn and garden herbicides .....	mil lb. 2002.. 10 1997.. 8	X X	S D	50 646 D
3253204131	Lawn and garden fungicides, inorganic compounds .....	mil lb. 2002.. 4 1997.. 6	X X	D D	D D
3253204133	Lawn and garden fungicides, organic compounds .....	mil lb. 2002.. 4 1997.. 7	X X	2.4 4.6	3 705 22 173
3253204141	Lawn and garden soil fumigants .....	mil lb. 2002.. — 1997.. 1	X X	— D	— D
3253204143	All other lawn and garden fumigants including space, excluding household .....	mil lb. 2002.. — 1997.. —	X X	— —	— —
3253204145	Lawn and garden defoliants and desiccants .....	mil lb. 2002.. 1 1997.. 1	X X	D D	D D
3253204147	All other miscellaneous lawn and garden pesticides and chemicals .....	mil lb. 2002.. 8 1997.. 10	X X	S D	34 910 D
3253204Y	Lawn and garden pesticides and chemicals, nsk .....	2002.. N 1997.. N	X X	X X	74 000 72 392
3253204YVV	Lawn and garden pesticides and chemicals, nsk .....	2002.. N 1997.. N	X X	X X	74 000 72 392
3253207	Household and institutional pesticides and chemicals .....	2002.. N 1997.. N	X X	X X	2 502 204 1 142 047
32532071	Household and institutional pesticides and chemicals .....	2002.. N 1997.. N	X X	X X	2 502 204 1 127 287
3253207111	Household and institutional pesticides and chemicals, flying insect (excluding fumigants), aerosol .....	2002.. 7 1997.. 16	X X	X X	D D
3253207113	Household and institutional pesticides and chemicals, flying insect (excluding fumigants), nonaerosol .....	2002.. 4	X	X	D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
325320	Pesticide and other agricultural chemical manufacturing—Con.					
3253207	Household and institutional pesticides and chemicals—Con.					
32532071	Household and institutional pesticides and chemicals—Con.					
3253207113	Household and institutional pesticides and chemicals, flying insect (excluding fumigants), nonaerosol—Con.	1997..	5	X	X	23 476
3253207121	Household and institutional pesticides and chemicals, crawling insect, aerosol .....	2002..	13	X	X	233 518
		1997..	16	X	X	D
3253207123	Household and institutional pesticides and chemicals, crawling insect, nonaerosol .....	2002..	16	X	X	134 324
		1997..	19	X	X	260 771
3253207125	Household and institutional pesticides and chemicals, crawling insect, total release insect foggers .....	2002..	3	X	X	D
		1997..	3	X	X	1 590
3253207131	Household and institutional pesticides and chemicals, flea and tick insecticides, aerosol .....	2002..	3	X	X	5 201
		1997..	4	X	X	3 427
3253207133	Household and institutional pesticides and chemicals, flea and tick insecticides, nonaerosol .....	2002..	7	X	X	D
		1997..	9	X	X	D
3253207135	Household and institutional pesticides and chemicals, flea and tick insecticides, pet collars .....	2002..	4	X	X	D
		1997..	3	X	X	D
3253207137	Household and institutional pesticides and chemicals, flea and tick insecticides, all other .....	2002..	3	X	X	19 708
		1997..	9	X	X	36 498
3253207141	Household and institutional pesticides and chemicals, personal insect repellents, aerosols .....	2002..	1	X	X	D
		1997..	3	X	X	D
3253207143	Household and institutional pesticides and chemicals, personal insect repellents, liquids .....	2002..	4	X	X	D
		1997..	3	X	X	D
3253207145	Household and institutional pesticides and chemicals, personal insect repellents, all other .....	2002..	1	X	X	D
		1997..	4	X	X	D
3253207151	Household and institutional pesticides and chemicals, moth controls .....	2002..	1	X	X	D
		1997..	2	X	X	D
3253207155	Household and institutional pesticides and chemicals, rodenticides .....	2002..	6	X	X	53 328
		1997..	7	X	X	50 902
3253207157	Household and institutional pesticides and chemicals, repellents and attractants for birds, insects, fish, and other animals, excluding for human use .....	2002..	11	X	X	59 467
		1997..	13	X	X	18 091
3253207159	All other miscellaneous household and institutional pesticides .....	2002..	11	X	X	D
		1997..	8	X	X	41 229
3253207Y	Household and institutional pesticides and chemicals, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	14 760
3253207YVV	Household and institutional pesticides and chemicals, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	14 760
325320W	Pesticide and other agricultural chemical manufacturing, nsk, total .....	2002..	N	X	X	480 127
		1997..	N	X	X	319 946
325320WY	Pesticide and other agricultural chemical manufacturing, nsk, total .....	2002..	N	X	X	480 127
		1997..	N	X	X	319 946
325320WYWW	Pesticide and other agricultural chemical manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	286 950
		1997..	N	X	X	160 809
325320WYWY	Pesticide and other agricultural chemical manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	193 177
		1997..	N	X	X	159 137
325411	Medicinal and botanical manufacturing .....	2002..	N	X	X	12 724 841
		1997..	N	X	X	10 985 383
3254111	Synthetic organic medicinal chemicals, in bulk .....	2002..	N	X	X	9 700 437
		1997..	N	X	X	8 249 161
325411111	Synthetic organic antibiotics, including all uses (veterinary, food supplements, food preservation, etc.), excluding preparations .....	2002..	N	X	X	7 697 065
		1997..	N	X	X	D
3254111111	Synthetic organic antibiotics, including all uses (veterinary, food supplements, food preservation, etc.), excluding preparations .....	2002..	56	X	X	7 697 065
		1997..	21	X	X	D
32541112	Other synthetic organic medicinal chemicals, excluding antibiotics .....	2002..	N	X	X	1 996 405
		1997..	N	X	X	D
3254111221	Other synthetic organic medicinal chemicals, excluding antibiotics .....	2002..	74	X	X	1 996 405
		1997..	159	X	X	D
3254111Y	Synthetic organic medicinal chemicals, in bulk, nsk .....	2002..	N	X	X	6 967
		1997..	N	X	X	67 133
3254111YVV	Synthetic organic medicinal chemicals, in bulk, nsk .....	2002..	N	X	X	6 967
		1997..	N	X	X	67 133
3254114	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk .....	2002..	N	X	X	2 844 019
		1997..	N	X	X	2 625 474
32541141	Botanical drugs, alkaloids drugs, other botanical drugs, naturally occurring vitamins, drugs of animal origin, and artificial mixtures of two or more medical or botanical substances .....	2002..	N	X	X	2 515 362
		1997..	N	X	X	1 880 581
3254114111	Botanical drugs, alkaloids, including opium and nicotine .....	2002..	10	X	X	524 580
		1997..	7	X	X	111 513

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325411	Medicinal and botanical manufacturing—Con.				
3254114	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk—Con.				
32541141	Botanical drugs, alkaloids drugs, other botanical drugs, naturally occurring vitamins, drugs of animal origin, and artificial mixtures of two or more medical or botanical substances—Con.				
3254114121	Other botanical drugs, including glycosides and ginseng extract .....	2002.. 22 1997.. 21	X X	X X	392 753 292 608
3254114131	Naturally occurring vitamin C .....	2002.. 20 1997.. 24	X X	X X	340 570 107 787
3254114141	Naturally occurring vitamin E .....	2002.. 22 1997.. 25	X X	X X	435 445 481 795
3254114151	Medicinals and botanicals, all other medicinal and botanical products, in bulk, naturally occurring vitamins, other naturally occurring vitamins (from yeast, fish, liver, etc.) .....	2002.. 31 1997.. 28	X X	X X	344 295 208 919
3254114161	Medicinals and botanicals, all other medicinal and botanical products, in bulk, drugs of animal origin, including hormones, dried glands, organs, and tissues and extractions thereof .....	2002.. 15 1997.. 11	X X	X X	199 796 116 693
3254114171	Medicinals and botanicals, all other medicinal and botanical products, in bulk, artificial mixtures of two medicinal or botanical substances or more for therapeutic or prophylactic uses .....	2002.. 14 1997.. 13	X X	X X	277 923 561 266
32541142	Medicinals and botanicals, all other medicinal and botanical products, in bulk, other organic and inorganic medicinal chemicals, excluding diagnostics .....	2002.. N 1997.. N	X X	X X	323 423 698 057
3254114291	Medicinals and botanicals, all other medicinal and botanical products, in bulk, other organic and inorganic medicinal chemicals, excluding diagnostics .....	2002.. 25 1997.. 41	X X	X X	323 423 698 057
3254114Y	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk, nsk .....	2002.. N 1997.. N	X X	X X	5 234 46 836
3254114YWV	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk, nsk .....	2002.. N 1997.. N	X X	X X	5 234 46 836
325411W	Medicinal and botanical manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	180 385 110 748
325411WY	Medicinal and botanical manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	180 385 110 748
325411WYWW	Medicinal and botanical manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	8 506 86 312
325411WYWY	Medicinal and botanical manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	171 879 24 436
325412	Pharmaceutical preparation manufacturing .....	2002.. N 1997.. N	X X	X X	104 292 166 59 215 525
3254121	Pharmaceutical preparations, affecting neoplasms, the endocrine system, and metabolic diseases, for human use .....	2002.. N 1997.. N	X X	X X	17 195 474 4 821 511
32541211	Pharmaceutical preparations, affecting neoplasms, the endocrine system, and metabolic diseases, for human use .....	2002.. N 1997.. N	X X	X X	17 195 474 4 821 511
3254121100	Pharmaceutical preparations, affecting neoplasms, the endocrine system, and metabolic diseases, for human use <sup>19</sup> .....	2002.. 94 1997.. 68	X X	X X	17 195 474 4 821 511
3254124	Pharmaceutical preparations, acting on the central nervous system and the sense organs, for human use .....	2002.. N 1997.. N	X X	X X	24 792 971 11 808 739
32541241	Pharmaceutical preparations, acting on the central nervous system and the sense organs, for human use .....	2002.. N 1997.. N	X X	X X	24 792 971 11 808 739
3254124100	Pharmaceutical preparations, acting on the central nervous system and the sense organs, for human use <sup>19</sup> .....	2002.. 118 1997.. 110	X X	X X	24 792 971 11 808 739
3254127	Pharmaceutical preparations, acting on the cardiovascular system, for human use .....	2002.. N 1997.. N	X X	X X	10 516 110 8 656 088
32541271	Pharmaceutical preparations, acting on the cardiovascular system, for human use .....	2002.. N 1997.. N	X X	X X	10 516 110 8 656 088
3254127100	Pharmaceutical preparations, acting on the cardiovascular system, for human use <sup>19</sup> .....	2002.. 66 1997.. 65	X X	X X	10 516 110 8 656 088
325412A	Pharmaceutical preparations, acting on the respiratory system, for human use .....	2002.. N 1997.. N	X X	X X	12 531 993 5 742 303
325412A1	Pharmaceutical preparations, acting on the respiratory system, for human use .....	2002.. N 1997.. N	X X	X X	12 531 993 5 742 303
325412A100	Pharmaceutical preparations, acting on the respiratory system, for human use <sup>19</sup> .....	2002.. 83 1997.. 92	X X	X X	12 531 993 5 742 303
325412D	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use .....	2002.. N 1997.. N	X X	X X	13 077 241 9 360 623

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325412	Pharmaceutical preparation manufacturing—Con.				
325412D	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use—Con.				
325412D1	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use.....	2002.. N 1997.. N	X X	X X	13 077 241 9 360 623
325412D100	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use <sup>19</sup> .....	2002.. 116 1997.. 101	X X	X X	13 077 241 9 360 623
325412G	Pharmaceutical preparations, acting on skin, for human use.....	2002.. N 1997.. N	X X	X X	2 723 454 1 800 841
325412G1	Pharmaceutical preparations, acting on skin, for human use.....	2002.. N 1997.. N	X X	X X	2 723 454 1 800 841
325412G100	Pharmaceutical preparations, acting on skin, for human use <sup>19</sup> .....	2002.. 106 1997.. 90	X X	X X	2 723 454 1 800 841
325412L	Pharmaceutical preparations, vitamin, nutrient, and hematinic preparations, for human use.....	2002.. N 1997.. N	X X	X X	6 353 888 5 209 752
325412L1	Pharmaceutical preparations, vitamin, nutrient, and hematinic preparations, for human use.....	2002.. N 1997.. N	X X	X X	6 353 888 5 209 752
325412L100	Pharmaceutical preparations, vitamin, nutrient, and hematinic preparations, for human use <sup>19</sup> .....	2002.. 141 1997.. 127	X X	X X	6 353 888 5 209 752
325412P	Pharmaceutical preparations, affecting parasitic and ineffective diseases, for human use (excluding diagnostics).....	2002.. N 1997.. N	X X	X X	11 329 361 7 651 310
325412P1	Pharmaceutical preparations, affecting parasitic and ineffective diseases, for human use (excluding diagnostics).....	2002.. N 1997.. N	X X	X X	11 329 361 7 651 310
325412P100	Pharmaceutical preparations, affecting parasitic and ineffective diseases, for human use (excluding diagnostics) <sup>19</sup> .....	2002.. 73 1997.. 73	X X	X X	11 329 361 7 651 310
325412T	Pharmaceutical preparations for veterinary use (including medicinal premixes and medicated pet care products; excluding pet flea and tick products), excluding diagnostics.....	2002.. N 1997.. N	X X	X X	2 536 159 1 593 352
325412T1	Pharmaceutical preparations for veterinary use (including medicinal premixes and medicated pet care products; excluding pet flea and tick products), excluding diagnostics.....	2002.. N 1997.. N	X X	X X	2 536 159 1 593 352
325412T100	Pharmaceutical preparations for veterinary use (including medicinal premixes and medicated pet care products; excluding pet flea and tick products), excluding diagnostics <sup>19</sup> .....	2002.. 78 1997.. 78	X X	X X	2 536 159 1 593 352
325412V	In vivo diagnostic substances.....	2002.. N 1997.. N	X X	X X	1 737 541 1 070 479
325412V1	In vivo diagnostic substances.....	2002.. N 1997.. N	X X	X X	1 734 246 1 069 281
325412V111	In vivo diagnostic substances, contrast media products (both iodinated and barium products), including angiourographic agents.....	2002.. 5 1997.. 7	X X	X X	700 299 540 907
325412V121	In vivo diagnostic substances, radioactive reagents (both diagnostic and therapeutic).....	2002.. 13 1997.. 9	X X	X X	862 725 465 980
325412V191	In vivo diagnostic substances, other.....	2002.. 10 1997.. 14	X X	X X	171 222 62 394
325412VY	In vivo diagnostic substances, nsk.....	2002.. N 1997.. N	X X	X X	3 295 1 198
325412VYVW	In vivo diagnostic substances, nsk.....	2002.. N 1997.. N	X X	X X	3 295 1 198
325412W	Pharmaceutical preparation manufacturing, nsk, total.....	2002.. N 1997.. N	X X	X X	1 497 974 1 500 527
325412WY	Pharmaceutical preparation manufacturing, nsk, total.....	2002.. N 1997.. N	X X	X X	1 497 974 1 500 527
325412WYVW	Pharmaceutical preparation manufacturing, nsk, for nonadministrative-record establishments.....	2002.. N 1997.. N	X X	X X	983 369 1 173 034
325412WYVY	Pharmaceutical preparation manufacturing, nsk, for administrative-record establishments.....	2002.. N 1997.. N	X X	X X	514 605 327 493
325413	In-vitro diagnostic substances manufacturing.....	2002.. N 1997.. N	X X	X X	9 170 493 6 483 326
3254130	In-vitro diagnostic substances.....	2002.. N 1997.. N	X X	X X	9 170 493 6 483 326
32541301	In-vitro diagnostic substances (clinical chemistry) reagents, including toxicology.....	2002.. N 1997.. N	X X	X X	6 297 121 3 936 799
3254130111	In vitro diagnostic substances (clinical chemistry) reagents, including toxicology.....	2002.. 82 1997.. 59	X X	X X	6 297 121 3 936 799
32541302	In-vitro diagnostic substances (clinical chemistry) standards and controls, including toxicology.....	2002.. N 1997.. N	X X	X X	672 799 381 239
3254130221	In-vitro diagnostic substances (clinical chemistry) standards and controls, including toxicology.....	2002.. 27 1997.. 29	X X	X X	672 799 381 239

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325413	In-vitro diagnostic substances manufacturing—Con.				
3254130	In-vitro diagnostic substances—Con.				
32541303	In-vitro diagnostic substances, blood bank, hematology and coagulation products	2002.. N 1997.. N	X X	X X	481 202 525 654
3254130331	In- vitro diagnostic substances, blood bank products	2002.. 13 1997.. 8	X X	X X	292 541 297 295
3254130341	In-vitro diagnostic substances, hematology products	2002.. 8 1997.. 12	X X	X X	77 356 67 145
3254130351	In-vitro diagnostic substances, coagulation products	2002.. 9 1997.. 9	X X	X X	111 305 161 214
32541304	In-vitro diagnostic substances, microbiology, virology, serology, cytology, and histology products	2002.. N 1997.. N	X X	X X	355 301 428 157
3254130461	In-vitro diagnostic substances, microbiology, virology, serology, cytology, and histology products	2002.. 28 1997.. 37	X X	X X	355 301 428 157
32541305	In-vitro diagnostic substances, culture media	2002.. N 1997.. N	X X	X X	49 595 365 721
3254130571	In-vitro diagnostic substances, culture media	2002.. 13 1997.. 24	X X	X X	49 595 365 721
32541306	In-vitro diagnostic substances, other	2002.. N 1997.. N	X X	X X	435 640 631 159
3254130691	In vitro diagnostic substances, other	2002.. 34 1997.. 44	X X	X X	435 640 631 159
3254130Y	In vitro diagnostic substances, nsk, total	2002.. N 1997.. N	X X	X X	878 835 214 597
3254130YWW	In vitro diagnostic substances, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	831 354 156 190
3254130YWY	In vitro diagnostic substances, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	47 481 58 407
325414	Biological product (except diagnostic) manufacturing	2002.. N 1997.. N	X X	X X	8 354 507 5 398 081
3254141	Blood and blood derivatives, for human use	2002.. N 1997.. N	X X	X X	1 587 099 1 060 150
32541411	Biological products, blood and blood derivatives, for human use	2002.. N 1997.. N	X X	X X	1 553 891 1 060 150
3254141111	Biological products, diagnostic, blood and blood derivatives, human blood plasma, for human use	2002.. 9 1997.. 6	X X	X X	1 120 048 739 866
3254141121	Biological products, excluding diagnostic, blood and blood derivatives, other blood and blood derivatives or fractions, excluding those used for passive immunization	2002.. 13 1997.. 11	X X	X X	433 843 320 284
3254141Y	Blood and blood derivatives, for human use, nsk	2002.. N 1997.. N	X X	X X	33 208 —
3254141YVW	Blood and blood derivatives, for human use, nsk	2002.. N 1997.. N	X X	X X	33 208 —
3254144	Vaccines, toxoids, and antigens, excluding allergens, for human use	2002.. N 1997.. N	X X	X X	2 485 287 1 265 460
32541441	Biological products, excluding diagnostic, vaccines, toxoids, excluding allergens, for human use	2002.. N 1997.. N	X X	X X	2 485 287 1 265 460
3254144100	Biological products, excluding diagnostic, vaccines, toxoids, excluding allergens, for human use	2002.. 21 1997.. 29	X X	X X	2 485 287 1 265 460
3254147	Other biologics, excluding diagnostic, for human use	2002.. N 1997.. N	X X	X X	2 165 164 1 511 455
32541471	Biological products, excluding diagnostic, for human use	2002.. N 1997.. N	X X	X X	2 165 164 1 504 920
3254147111	Biological products, excluding diagnostic, other biologics, antitoxins, antivenoms, immune globulins, therapeutic immune serums, etc., for therapeutic use and passive immunization	2002.. 12 1997.. 27	X X	X X	2 052 355 1 437 137
3254147121	Biological products, excluding diagnostic, other biologics, allergenic extracts and other biologics for human use, including poison ivy and oak extracts, excluding diagnostic allergens	2002.. 8 1997.. 5	X X	X X	112 809 67 783
3254147Y	Other biologics, excluding diagnostic, for human use, nsk	2002.. N 1997.. N	X X	X X	— 6 535
3254147YVW	Other biologics, excluding diagnostic, for human use, nsk	2002.. N 1997.. N	X X	X X	— 6 535
325414A	Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses	2002.. N 1997.. N	X X	X X	1 860 241 1 304 739
325414A1	Biological veterinary vaccines, bacterins, toxoids, other antigens, and other biological products	2002.. N 1997.. N	X X	X X	929 933 662 649
325414A111	Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses, veterinary vaccines, including vaccines against foot-and-mouth disease	2002.. 16 1997.. 19	X X	X X	598 028 505 737
325414A121	Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses, bacterins, toxoids, and other antigens, excluding allergens, for active immunization	2002.. 14 1997.. 36	X X	X X	65 035 50 689

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325414	Biological product (except diagnostic) manufacturing—Con.				
325414A	Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses—Con.				
325414A1	Biological veterinary vaccines, bacterins, toxoids, other antigens, and other biological products—Con.				
325414A131	Biological products, excluding diagnostic, for veterinary, industrial, and all other uses, other biological products, including veterinary blood derivatives, antitoxins, immune serums, and allergens .....	2002.. 11 1997.. 13	X X	X X	266 870 106 223
325414A2	Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses, biological products for industrial and other uses, excluding culture media .....	2002.. N 1997.. N	X X	X X	683 151 562 672
325414A241	Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses, biological products for industrial and other uses, excluding culture media .....	2002.. 32 1997.. 33	X X	X X	683 151 562 672
325414A3	Biological products for industrial and all other miscellaneous uses, non-diagnostic culture media .....	2002.. N 1997.. N	X X	X X	95 058 N
325414A311	Biological products for industrial and all other miscellaneous uses, non-diagnostic culture media .....	2002.. 9 1997.. N	X X	X X	95 058 N
325414AY	Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses, nsk .....	2002.. N 1997.. N	X X	X X	152 099 79 418
325414AYWV	Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses, nsk .....	2002.. N 1997.. N	X X	X X	152 099 79 418
325414W	Biological product (except diagnostic) manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	256 716 256 277
325414WY	Biological product (except diagnostic) manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	256 716 256 277
325414WYWW	Biological product (except diagnostic) manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	65 741 227 993
325414WYWY	Biological product (except diagnostic) manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	190 975 28 284
325510	Paint and coating manufacturing .....	2002.. N 1997.. N	X X	X X	19 246 106 17 957 440
3255101	Architectural coatings .....	2002.. N 1997.. N	X X	X X	7 760 354 6 096 705
32551011	Architectural coatings .....	2002.. N 1997.. N	X X	X X	7 760 354 6 096 705
3255101100	Architectural coatings <sup>20</sup> .....	2002.. 173 1997.. 224	X X	X X	7 760 354 6 096 705
3255104	Product finishes for original equipment manufacturers (OEM), excluding marine coatings .....	2002.. N 1997.. N	X X	X X	5 242 583 5 778 416
32551041	Product finishes for original equipment manufacturers (OEM), excluding marine coatings .....	2002.. N 1997.. N	X X	X X	5 242 583 5 778 416
3255104100	Product finishes for original equipment manufacturers (OEM), excluding marine coatings <sup>20</sup> .....	2002.. 191 1997.. 262	X X	X X	5 242 583 5 778 416
3255107	Special-purpose coatings including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc. ....	2002.. N 1997.. N	X X	X X	3 293 256 3 015 031
32551071	Special-purpose coatings including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc. ....	2002.. N 1997.. N	X X	X X	3 293 256 3 015 031
3255107100	Special-purpose coatings, including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc. <sup>20</sup> .....	2002.. 266 1997.. 239	X X	X X	3 293 256 3 015 031
325510B	Miscellaneous allied paint products, including paint and varnish removers, thinners, pigment dispersions, glazing compounds, etc. ....	2002.. N 1997.. N	X X	X X	1 358 561 N
325510B1	Miscellaneous allied paint products, including paint and varnish removers, thinners, pigment dispersions, glazing compounds, etc. ....	2002.. N 1997.. N	X X	X X	1 358 561 N
325510B100	Miscellaneous allied paint products, including paint and varnish removers, thinners, pigment dispersions, glazing compounds, etc. <sup>20</sup> .....	2002.. 136 1997.. N	X X	X X	1 358 561 N
325510W	Paint and coating manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	1 591 352 1 414 710
325510WY	Paint and coating manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	1 591 352 1 414 710
325510WYWW	Paint and coating manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	1 126 603 870 840
325510WYWY	Paint and coating manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	464 749 543 870
325520	Adhesive manufacturing .....	2002.. N	X	X	7 390 407

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325520	Adhesive manufacturing—Con.				
		1997..	N	X	X 7 374 355
3255201	Natural base glues and adhesives .....	2002..	N	X	X 276 552
		1997..	N	X	X 322 944
32552011	Natural base glues and adhesives .....	2002..	N	X	X 255 833
		1997..	N	X	X 288 495
3255201111	Hide (dry forms) animal glues .....	2002..	15	X	S 62 779
		1997..	7	X	q14.3 17 600
3255201121	Flexible, nonwarp, and liquid animal glues (not glue stock) .....	2002..	7	X	S 54.5 28 834
		1997..	7	X	S 56 994
3255201131	Protein adhesives, including casein, blood, fish, soybean, albumen, etc. ....	2002..	8	X	P11.0 10 641
		1997..	9	X	S 19 370
3255201141	Dextrine vegetable adhesives .....	2002..	20	X	P148.7 47 227
		1997..	20	X	S 46 833
3255201151	Starch vegetable adhesives .....	2002..	12	X	X 37 311
		1997..	13	X	X 46 794
3255201161	Other natural base glues and adhesives made from natural gums, shellac, silicates, lacquers, and oleoresinous varnishes .....	2002..	18	X	X 69 041
		1997..	20	X	X 100 904
3255201Y	Natural base glues and adhesives, nsk .....	2002..	N	X	X 20 719
		1997..	N	X	X 34 449
3255201YVW	Natural base glues and adhesives, nsk .....	2002..	N	X	X 20 719
		1997..	N	X	X 34 449
3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives .....	2002..	N	X	X 4 436 322
		1997..	N	X	X 4 338 084
32552041	Epoxy adhesives .....	2002..	N	X	X 662 449
		1997..	N	X	X 441 264
3255204111	Epoxy adhesives .....	2002..	75	X	X 662 449
		1997..	56	X	X 441 264
32552042	Rubber and synthetic resin combinations .....	2002..	N	X	X 328 845
		1997..	N	X	X 311 755
3255204271	Rubber and synthetic resin combinations .....	2002..	40	X	S 328 845
		1997..	25	X	S 311 755
32552043	Hot melt adhesives, including polyamide, polyolefin, and other hot melts .....	2002..	N	X	X 789 901
		1997..	N	X	X 682 457
32552043D1	Hot melt adhesives, including polyamide, polyolefin, and other hot melts .....	2002..	53	X	q757.6 789 901
		1997..	44	X	S 682 457
32552044	Adhesive films, all types, including pressure-sensitive structural and nonstructural adhesive films .....	2002..	N	X	X 241 801
		1997..	N	X	X 429 153
32552044E1	Adhesive films, all types, including pressure-sensitive structural and nonstructural adhesive films .....	2002..	18	X	S 241 801
		1997..	21	X	S 429 153
32552045	Vinyl type adhesives .....	2002..	N	X	X 790 000
		1997..	N	X	X 592 062
3255204541	Polyvinyl acetate adhesives .....	2002..	51	X	p914.9 546 433
		1997..	50	X	q622.4 400 149
3255204551	Polyvinyl chloride and copolymer adhesives .....	2002..	17	X	S 38 198
		1997..	13	X	S 118 089
3255204561	Other vinyl polymer type adhesives .....	2002..	25	X	S 205 369
		1997..	19	X	S 73 824
32552046	Other synthetic resin and rubber adhesives .....	2002..	N	X	X 1 315 199
		1997..	N	X	X 1 720 574
3255204621	Phenolics and phenolic derivative adhesives, including resorcinol .....	2002..	5	X	S 32.4 33 573
		1997..	11	X	S 115 109
3255204631	Urea and modified urea adhesives .....	2002..	5	X	S 5 294
		1997..	10	X	S 130 020
3255204681	Acrylic adhesives .....	2002..	41	X	S 305 053
		1997..	48	X	q401.8 341 040
3255204691	Cyanoacrylate adhesives .....	2002..	6	X	S 58 982
		1997..	11	X	S 75 510
32552046A1	Polyester adhesives .....	2002..	10	X	S 30 350
		1997..	11	X	S 30 786
32552046B1	Urethane adhesives .....	2002..	24	X	S 115 218
		1997..	34	X	P143.1 209 810
32552046C1	Styrenic adhesives .....	2002..	4	X	S 10 322
		1997..	13	X	P216.5 143 669
32552046F1	Latex type rubber cement, for sale as such .....	2002..	13	X	X 50 534
		1997..	25	X	X 264 843
32552046G1	Solvent type rubber cement, for sale as such .....	2002..	19	X	X 171 861
		1997..	35	X	X 180 428
32552046H1	Other synthetic resin and rubber adhesives, including cellulose, nitrocellulose, polyamide, anaerobic, etc. ....	2002..	34	X	X 534 012
		1997..	42	X	X 229 359
3255204Y	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives, nsk .....	2002..	N	X	X 308 127
		1997..	N	X	X 160 819
3255204YVW	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives, nsk .....	2002..	N	X	X 308 127
		1997..	N	X	X 160 819
3255207	Structural sealants (load-bearing) .....	2002..	N	X	X 734 810
		1997..	N	X	X 495 787
32552071	Structural sealants (load-bearing) .....	2002..	N	X	X 662 640
		1997..	N	X	X 470 267
3255207111	Synthetic base general performance structural (load-bearing) sealants (PVAC, butyl, vinyl, acrylic, neoprene, etc.) .....	2002..	15	X	X 104 305
		1997..	16	X	X 108 034
3255207121	Synthetic base special performance structural (load-bearing) sealants (polysulfide, silicone, epoxy, urethane, etc.) .....	2002..	34	X	S 284 486
		1997..	20	X	S 321 259

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325520	Adhesive manufacturing—Con.				
3255207	Structural sealants (load-bearing)—Con.				
32552071	Structural sealants (load-bearing)—Con.				
3255207131	Synthetic base structural (load-bearing) sealant preformed tapes (butyl, polybutene, polyisobutylene, etc.)	2002.. 15 1997.. 3	X X	X X	273 849 40 974
3255207Y	Structural sealants (load-bearing), nsk	2002.. N 1997.. N	X X	X X	72 170 25 520
3255207YVW	Structural sealants (load-bearing), nsk	2002.. N 1997.. N	X X	X X	72 170 25 520
325520A	Nonstructural caulking compounds and sealants	2002.. N 1997.. N	X X	X X	1 482 516 1 436 177
325520A1	Nonstructural caulking compounds and sealants	2002.. N 1997.. N	X X	X X	1 216 453 1 419 946
325520A111	Natural base nonstructural (nonload-bearing) caulks, modified and unmodified oil base	2002.. 35 1997.. 21	X X	X X	629 950 77 317
325520A121	Natural bituminous base (coal tar or asphalt) nonstructural (nonload-bearing) caulking compounds and sealants	2002.. 13 1997.. 18	X X	X X	33 450 63 881
325520A131	Synthetic base nonstructural (nonload-bearing) general performance sealants (PVC, butyl, vinyl, acrylic, neoprene, etc.)	mil lb. 2002.. 35 1997.. 58	X X	S S	279 047 741 892
325520A141	Synthetic base nonstructural (nonload-bearing) special performance sealants (polysulfide, silicone, epoxy, urethane, etc.)	mil lb. 2002.. 34 1997.. 44	X X	S S	198 040 484 239
325520A151	Synthetic base nonstructural (nonload-bearing) sealant preformed tapes (butyl, polybutene, polyisobutylene, etc.)	2002.. 11 1997.. 11	X X	X X	75 966 52 617
325520AY	Nonstructural caulking compounds and sealants, nsk	2002.. N 1997.. N	X X	X X	266 063 16 231
325520AYVW	Nonstructural caulking compounds and sealants, nsk	2002.. N 1997.. N	X X	X X	266 063 16 231
325520W	Adhesive manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	460 207 781 363
325520WY	Adhesive manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	460 207 781 363
325520WYVW	Adhesive manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	335 014 510 584
325520WYVY	Adhesive manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	125 193 270 779
325611	Soap and other detergent manufacturing	2002.. N 1997.. N	X X	X X	15 719 644 14 326 060
3256111	Soaps and detergents, commercial, industrial, and institutional	2002.. N 1997.. N	X X	X X	6 888 980 2 276 865
32561111	Soaps and detergents, commercial, industrial, and institutional	2002.. N 1997.. N	X X	X X	855 441 483 656
3256111111	Dry hard surface commercial, industrial, and institutional cleaners	mil lb. 2002.. 27 1997.. 26	X X	S D	174 985 D
3256111121	Liquid hard surface commercial, industrial, and institutional cleaners	mil gal. 2002.. 97 1997.. 105	X X	S 978.5	531 630 348 856
3256111131	Aerosol hard surface commercial, industrial, and institutional cleaners	mil gal. 2002.. 17 1997.. 10	X X	S D	148 826 D
32561112	Commercial, industrial, and institutional laundry detergents	2002.. N 1997.. N	X X	X X	3 458 987 282 165
3256111211	Commercial, industrial, and institutional dry laundry detergents	mil lb. 2002.. 33 1997.. 32	X X	D S	D 58 551
3256111221	Commercial, industrial, and institutional liquid laundry detergents	mil gal. 2002.. 31 1997.. 40	X X	D 927.4	D 223 614
32561113	Commercial, industrial, and institutional dishwashing detergents	2002.. N 1997.. N	X X	X X	1 124 914 288 515
3256111311	Commercial, industrial, and institutional dry dishwashing detergents	mil lb. 2002.. 22 1997.. 24	X X	D D	D D
3256111321	Commercial, industrial, and institutional liquid dishwashing detergents	mil gal. 2002.. 43 1997.. 40	X X	D D	D D
32561114	Commercial, industrial, and institutional metal cleaners	2002.. N 1997.. N	X X	X X	222 095 211 733
3256111411	Commercial, industrial, and institutional metal cleaners	mil lb. 2002.. 52 1997.. 44	X X	S P178.9	222 095 211 733
32561115	Commercial, industrial, and institutional scouring cleaners	2002.. N 1997.. N	X X	X X	37 697 13 222
3256111511	Commercial, industrial, and institutional scouring cleaners	mil lb. 2002.. 15 1997.. 13	X X	S P33.1	37 697 13 222
32561116	Dairy, farm, and food plant cleaners, sanitizers, etc.	2002.. N 1997.. N	X X	X X	153 950 128 919
3256111611	Dairy, farm, and food plant cleaners, sanitizers, etc.	mil gal. 2002.. 36 1997.. 33	X X	S P40.0	153 950 128 919
32561117	Commercial, industrial, and institutional soaps, excluding specialty cleaners	2002.. N 1997.. N	X X	X X	1 023 991 662 649
3256111711	Commercial, industrial, and institutional soap chips, flakes, granules, powders, and sprays, including washing powders, excluding specialty cleaners	mil lb. 2002.. 30 1997.. 27	X X	S P125.6	172 889 88 872

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325611	Soap and other detergent manufacturing—Con.				
3256111	Soaps and detergents, commercial, industrial, and institutional—Con.				
32561117	Commercial, industrial, and institutional soaps, excluding specialty cleaners—Con.				
3256111721	Commercial, industrial, and institutional liquid (potash and other) soaps, excluding shampoos and specialty cleaners . . . . . mil gal. . . . .	2002 . . . . . 49 1997 . . . . . 54	X X	S S	318 624 275 047
3256111731	Other commercial, industrial, and institutional soaps, including mechanics' hand soap, excluding specialty cleaners . . . . . mil lb. . . . .	2002 . . . . . 34 1997 . . . . . 28	X X	S P134.4	206 650 114 894
3256111741	All other commercial, industrial, and institutional cleaners, including dry cleaners, liquid, dry, and aerosol . . . . .	2002 . . . . . 69 1997 . . . . . 70	X X	X X	325 828 183 836
3256111Y	Soaps and detergents, commercial, industrial, and institutional, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	11 905 206 006
3256111YWV	Soaps and detergents, commercial, industrial, and institutional, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	11 905 206 006
3256114	Household detergents . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 532 162 7 176 655
32561141	Household dry laundry detergents . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	220 228 79 447
3256114111	Household dry laundry detergents, light-duty . . . . . mil lb. . . . .	2002 . . . . . 9 1997 . . . . . 5	X X	D D	D D
3256114121	Household dry laundry detergents, heavy-duty, phosphate based . . . . . mil lb. . . . .	2002 . . . . . 4 1997 . . . . . 6	X X	D D	D D
32561142	Household dry laundry detergents, heavy-duty, phosphate free . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 172 855 2 591 482
3256114211	Household dry laundry detergents, heavy-duty, phosphate free . . . . . mil lb. . . . .	2002 . . . . . 8 1997 . . . . . 14	X X	S 3 658.1	1 172 855 2 591 482
32561143	Household liquid laundry detergents, light-duty . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	851 713 875 509
3256114311	Household liquid laundry detergents, light-duty . . . . . mil gal. . . . .	2002 . . . . . 12 1997 . . . . . 10	X X	S 126.0	851 713 875 509
32561144	Household liquid laundry detergents, heavy-duty . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	367 633 2 065 890
3256114411	Household liquid laundry detergents, heavy-duty . . . . . mil gal. . . . .	2002 . . . . . 5 1997 . . . . . 18	X X	983.2 342.4	367 633 2 065 890
32561145	Household alkaline dishwashing detergents . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	915 350 1 251 550
3256114511	Household liquid alkaline automatic dishwashing detergents . . . . . mil gal. . . . .	2002 . . . . . 9 1997 . . . . . 7	X X	X X	49.6 159.9
3256114521	Household dry alkaline automatic dishwashing detergents . . . . . mil lb. . . . .	2002 . . . . . 7 1997 . . . . . 8	X X	P646.0 1 290.4	378 503 450 952
3256114531	Household liquid alkaline hard surface cleaners, including degreasers . . . . . mil gal. . . . .	2002 . . . . . 38 1997 . . . . . 35	X X	S S	236 666 377 598
3256114541	Household aerosol alkaline hard surface cleaners, including degreasers . . . . . mil gal. . . . .	2002 . . . . . 5 1997 . . . . . 2	X X	S D	11 928 D
3256114551	Household dry alkaline hard surface cleaners, including degreasers . . . . . mil lb. . . . .	2002 . . . . . 4 1997 . . . . . 3	X X	S D	2 661 D
3256114561	Household liquid alkaline scouring cleaners . . . . . mil gal. . . . .	2002 . . . . . 4 1997 . . . . . 3	X X	S D	1 536 D
3256114571	Household dry alkaline scouring cleaners . . . . . mil lb. . . . .	2002 . . . . . 5 1997 . . . . . 2	X X	D D	D D
3256114581	All other household alkaline detergents . . . . .	2002 . . . . . 3 1997 . . . . . 1	X X	D D	D 13 674
3256114591	Household laundry presoaks . . . . . mil lb. . . . .	2002 . . . . . 1 1997 . . . . . 4	X X	D D	D D
3256114Y	Household detergents, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	4 383 312 777
3256114YWV	Household detergents, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	4 383 312 777
3256117	Soaps, excluding specialty cleaners, household . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D 1 832 132
32561171	Household deodorant bar soaps, excluding medicated . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	965 549 742 106
3256117111	Household deodorant bar soaps, excluding medicated . . . . . mil lb. . . . .	2002 . . . . . 18 1997 . . . . . 12	X X	S S	965 549 742 106
32561172	Household nondeodorant bar soaps, excluding medicated . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D 412 945
3256117211	Household nondeodorant bar soaps, excluding medicated . . . . . mil lb. . . . .	2002 . . . . . 17 1997 . . . . . 16	X X	D P386.1	D 412 945
32561173	Household novelty bar soaps, excluding medicated . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 180 682 553 655
3256117311	Household novelty bar soaps, excluding medicated . . . . . mil lb. . . . .	2002 . . . . . 8 1997 . . . . . 12	X X	D D	D D
3256117321	Household liquid toilet soaps, excluding medicated . . . . . mil gal. . . . .	2002 . . . . . 45 1997 . . . . . 27	X X	S S	520 415 369 896
3256117331	Other household soaps, including mechanics' hand soaps (excluding waterless), and medicated soaps . . . . .	2002 . . . . . 15 1997 . . . . . 7	X X	X X	D D
3256117Y	Soaps, excluding specialty cleaners, household, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	939 123 426
3256117YWV	Soaps, excluding specialty cleaners, household, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	939 123 426
325611A	Glycerin, natural . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D 265 942
325611A1	Glycerin, natural . . . . .	2002 . . . . . N	X	X	D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325611	Soap and other detergent manufacturing—Con.				
325611A	Glycerin, natural—Con.				
325611A1	Glycerin, natural—Con.				
325611A111	Crude glycerin, natural, 100-percent basis <sup>3</sup> . . . . . mil lb.	1997.. N 2002.. 1	X X	X D	265 942 D
325611A121	Other natural glycerin . . . . . mil lb.	1997.. 5 2002.. 1	X X	126.9 D	96 136 D
325611AY	Glycerin, natural, nsk . . . . .	1997.. 5 2002.. N	X X	267.3 X	169 806 —
325611AYWV	Glycerin, natural, nsk . . . . .	1997.. N 2002.. N 1997.. N	X X X	X X X	— — —
325611D	Toothpaste, including gels and toothpowder . . . . .	2002.. N 1997.. N	X X	X X	1 557 067 1 403 379
325611D1	Toothpaste, including gels and toothpowder . . . . .	2002.. N 1997.. N	X X	X X	1 557 067 1 403 379
325611D100	Toothpaste, including gels and toothpowder . . . . .	2002.. 24 1997.. 22	X X	X X	1 557 067 1 403 379
325611W	Soap and other detergent manufacturing, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	1 355 806 1 371 087
325611WY	Soap and other detergent manufacturing, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	1 355 806 1 371 087
325611WYWW	Soap and other detergent manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	561 100 857 688
325611WYWY	Soap and other detergent manufacturing, nsk, for administrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	794 706 513 399
325612	Polish and other sanitation good manufacturing . . . . .	2002.. N 1997.. N	X X	X X	8 138 248 8 170 185
3256121	Household bleaches (chlorine and nonchlorine) . . . . .	2002.. N 1997.. N	X X	X X	963 590 1 002 265
32561211	Household bleaches (chlorine and nonchlorine) . . . . .	2002.. N 1997.. N	X X	X X	963 590 991 553
3256121111	Household liquid chlorine (sodium hypochlorite etc.) <sup>18</sup> . . . . . mil gal.	2002.. 21 1997.. 27	X X	S P242.2	858 844 797 387
3256121121	Household liquid nonchlorine bleach (hydrogen peroxide, etc.) . . . . . mil gal.	2002.. 2 1997.. 8	X X	1.8 S	5 055 15 841
3256121131	Household dry chlorine (chlorinated isocyanurates, etc.) . . . . . mil lb.	2002.. 5 1997.. 7	X X	D 52.0	D 115 371
3256121141	Household dry nonchlorine bleach (sodium perborate, etc.) . . . . . mil lb.	2002.. 4 1997.. 7	X X	D S	D 62 954
3256121Y	Household bleaches (chlorine and nonchlorine), nsk . . . . .	2002.. N 1997.. N	X X	X X	— 10 712
3256121YWV	Household bleaches (chlorine and nonchlorine), nsk . . . . .	2002.. N 1997.. N	X X	X X	— 10 712
3256125	Specialty cleaning and sanitation products . . . . .	2002.. N 1997.. N	X X	X X	4 884 877 N
32561251	Disinfectants, nonagricultural, industrial and institutional . . . . .	2002.. N 1997.. N	X X	X X	252 694 N
3256125111	Disinfectants, nonagricultural, industrial and institutional . . . . .	2002.. 67 1997.. N	X X	X X	252 694 N
32561252	Dry laundry fabric softeners and rinses . . . . .	2002.. N 1997.. N	X X	X X	1 351 093 N
3256125211	Dry laundry fabric softeners and rinses . . . . .	2002.. 6 1997.. N	X X	X X	58 847 N
3256125221	Household liquid laundry fabric softeners and rinses . . . . .	2002.. 13 1997.. N	X X	X X	579 403 N
3256125231	Industrial and institutional liquid laundry fabric softeners and rinses . . . . .	2002.. 9 1997.. N	X X	X X	11 321 N
3256125241	Laundry dryer sheets . . . . .	2002.. 5 1997.. N	X X	X X	531 782 N
3256125251	Laundry starch preparations, including permanent types . . . . .	2002.. 9 1997.. N	X X	X X	60 478 N
3256125261	Other laundry aids, including ironing aids and drycleaning spotting preparations . . . . .	2002.. 10 1997.. N	X X	X X	109 262 N
32561253	Air and room fresheners . . . . .	2002.. N 1997.. N	X X	X X	550 316 N
3256125311	Air and room fresheners, aerosol-type, household . . . . .	2002.. 10 1997.. N	X X	X X	135 927 N
3256125321	Air and room fresheners, aerosol-type, industrial and institutional . . . . .	2002.. 18 1997.. N	X X	X X	33 571 N
3256125331	Other air and room fresheners (excluding potpourri), household . . . . .	2002.. 18 1997.. N	X X	X X	305 811 N
3256125341	Other air and room fresheners (excluding potpourri), industrial and institutional . . . . .	2002.. 27 1997.. N	X X	X X	75 007 N
32561254	Specialty cleaning and sanitation products . . . . .	2002.. N 1997.. N	X X	X X	2 539 278 N
3256125411	Glass window cleaning preparations, excluding automotive windshield washer fluid, household . . . . .	2002.. 14 1997.. N	X X	X X	D N
3256125421	Glass window cleaning preparations, excluding automotive windshield washer fluid, industrial and institutional . . . . .	2002.. 37 1997.. N	X X	X X	42 621 N
3256125431	Automotive windshield washer fluid . . . . .	2002.. 9 1997.. N	X X	X X	8 344 N
3256125441	Oven cleaners . . . . .	2002.. 24 1997.. N	X X	X X	69 312 N
3256125451	Toilet bowl cleaners, household . . . . .	2002.. 16 1997.. N	X X	X X	230 000 N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325612	Polish and other sanitation good manufacturing—Con.				
3256125	Specialty cleaning and sanitation products—Con.				
32561254	Specialty cleaning and sanitation products—Con.				
3256125461	Toilet bowl cleaners, industrial and institutional	2002.. 25	X	X	31 194
		1997.. N	X	X	N
3256125471	Drain pipe solvents	2002.. 27	X	X	105 648
		1997.. N	X	X	N
3256125481	Bathroom, tub, and tile cleaners	2002.. 31	X	X	150 026
		1997.. N	X	X	N
3256125491	Disinfectants, nonagricultural, household	2002.. 7	X	X	D
		1997.. N	X	X	N
32561254E1	Rug and upholstery cleaners, consumer-type preparations	2002.. 14	X	X	73 308
		1997.. N	X	X	N
32561254F1	Rug and upholstery cleaners, industrial- and institutional-type preparations	2002.. 32	X	X	45 563
		1997.. N	X	X	N
32561254G1	Household ammonia	2002.. 6	X	X	12 847
		1997.. N	X	X	N
32561254J1	Other specialty detergents, including sweeping compounds, waterless hand cleaners, wallpaper cleaners, etc.	2002.. 41	X	X	571 068
		1997.. N	X	X	N
3256125Y	Specialty cleaning and sanitation products, nsk	2002.. N	X	X	191 496
		1997.. N	X	X	N
3256125YVV	Specialty cleaning and sanitation products, nsk	2002.. N	X	X	191 496
		1997.. N	X	X	N
3256127	Polishing preparations and related products	2002.. N	X	X	1 684 683
		1997.. N	X	X	1 068 171
32561271	Polishing preparations and related products	2002.. N	X	X	1 604 889
		1997.. N	X	X	1 002 153
3256127111	Automobile polish and cleaners, household	2002.. 20	X	X	338 845
		1997.. 21	X	X	178 709
3256127121	Automobile polish and cleaners, industrial and institutional	2002.. 41	X	X	179 334
		1997.. 40	X	X	98 554
3256127131	Furniture polish and cleaners, household	2002.. 9	X	X	123 551
		1997.. 11	X	X	164 675
3256127141	Furniture polish and cleaners, industrial and institutional	2002.. 13	X	X	57 494
		1997.. 13	X	X	19 407
3256127151	Floor polish, water emulsion, household	2002.. 5	X	S	22 768
	mil gal.	1997.. 17	X	S	84 457
3256127161	Floor polish, water emulsion, industrial and institutional	2002.. 41	X	S	175 843
	mil gal.	1997.. 65	X	S	169 078
3256127171	Floor polish, liquid (nonemulsion)	2002.. 5	X	S	35 795
	mil gal.	1997.. 12	X	S	6 690
3256127181	Floor polish other than liquid form, including paste and cake	2002.. 5	X	S	8 578
	mil lb.	1997.. 3	X	S	865
3256127191	Shoe polishes and cleaners	2002.. 5	X	X	20 527
		1997.. 7	X	X	8 877
32561271A1	Leather dressings and finishes, excluding shoe polish	2002.. 7	X	S	13 129
	mil lb.	1997.. 14	X	S	64 179
32561271B1	Other polishing preparations and related products, including metal polish and polishing cloths and papers	2002.. 36	X	X	629 025
		1997.. 41	X	X	206 662
3256127Y	Polishing preparations and related products, nsk	2002.. N	X	X	79 794
		1997.. N	X	X	66 018
3256127YVV	Polishing preparations and related products, nsk	2002.. N	X	X	79 794
		1997.. N	X	X	66 018
325612W	Polish and other sanitation good manufacturing, nsk, total	2002.. N	X	X	605 098
		1997.. N	X	X	930 864
325612WY	Polish and other sanitation good manufacturing, nsk, total	2002.. N	X	X	605 098
		1997.. N	X	X	930 864
325612WYWW	Polish and other sanitation good manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	311 438
		1997.. N	X	X	738 627
325612WYWY	Polish and other sanitation good manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	293 660
		1997.. N	X	X	192 237
325613	Surface active agent manufacturing	2002.. N	X	X	6 247 799
		1997.. N	X	X	4 969 087
3256130	Surfactants, finishing agents, and assistants	2002.. N	X	X	6 247 799
		1997.. N	X	X	4 969 087
32561301	Surfactants, finishing agents, and assistants	2002.. N	X	X	2 432 137
		1997.. N	X	X	534 775
3256130111	Textile assistants	2002.. 24	X	D	D
	mil lb.	1997.. 34	X	S	198 030
3256130121	Textile finishes	2002.. 24	X	D	D
	mil lb.	1997.. 36	X	S	280 655
3256130131	Leather assistants and finishes	2002.. 7	X	S	39 040
	mil lb.	1997.. 7	X	S	56 090
32561302	Surfactants (bulk surface active agents)	2002.. N	X	X	3 421 948
		1997.. N	X	X	3 789 562
3256130241	Surfactants (bulk surface active agents)	2002.. 71	X	X	3 421 948
		1997.. 107	X	X	3 789 562
3256130Y	Surfactants, finishing agents, and assistants, nsk, total	2002.. N	X	X	393 714
		1997.. N	X	X	644 750
3256130YWW	Surfactants, finishing agents, and assistants, nsk, for nonadministrative-record establishments	2002.. N	X	X	295 799
		1997.. N	X	X	505 135
3256130YWY	Surfactants, finishing agents, and assistants, nsk, for administrative-record establishments	2002.. N	X	X	97 915
		1997.. N	X	X	139 615
325620	Toilet preparation manufacturing	2002.. N	X	X	29 699 144
		1997.. N	X	X	22 840 050
3256201	Shaving preparations	2002.. N	X	X	622 630
		1997.. N	X	X	503 711
32562011	Shaving preparations	2002.. N	X	X	581 416

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325620	Toilet preparation manufacturing—Con.				
3256201	Shaving preparations—Con.				
32562011	Shaving preparations—Con.				
		1997..	N	X	477 103
3256201111	Shaving soap and cream .....	2002..	25	X	449 067
		1997..	18	X	327 804
3256201121	Aftershave preparations (all forms) .....	2002..	21	X	131 208
		1997..	15	X	141 548
3256201131	Other shaving preparations, including preshave preparations and styptics .....	2002..	2	X	1 141
		1997..	6	X	7 751
3256201Y	Shaving preparations, nsk .....	2002..	N	X	41 214
		1997..	N	X	26 608
3256201YVV	Shaving preparations, nsk .....	2002..	N	X	41 214
		1997..	N	X	26 608
3256204	Perfumes, toilet waters, and colognes .....	2002..	N	X	3 009 050
		1997..	N	X	3 059 475
32562041	Perfumes, toilet waters, and colognes .....	2002..	N	X	2 215 165
		1997..	N	X	2 133 779
3256204111	Perfume oil mixtures and blends .....	2002..	34	X	1 632 850
		1997..	43	X	725 184
3256204121	Perfumes .....	2002..	22	X	449 335
		1997..	20	X	1 336 251
3256204131	Toilet waters .....	2002..	9	X	132 980
		1997..	7	X	72 344
32562042	Colognes .....	2002..	N	X	732 848
		1997..	N	X	781 473
3256204211	Colognes .....	2002..	16	X	732 848
		1997..	23	X	781 473
3256204Y	Perfumes, toilet waters, and colognes, nsk .....	2002..	N	X	61 037
		1997..	N	X	144 223
3256204YVV	Perfumes, toilet waters, and colognes, nsk .....	2002..	N	X	61 037
		1997..	N	X	144 223
3256207	Hair preparations (including shampoos) .....	2002..	N	X	7 189 909
		1997..	N	X	5 378 887
32562071	Hair preparations (including shampoos) .....	2002..	N	X	3 298 628
		1997..	N	X	2 433 094
3256207111	Professional hair shampoos containing soap, including products with additives for coloring, dandruff removal, etc. ....	2002..	20	X	366 851
		1997..	19	X	51 357
3256207121	Consumer use hair shampoos containing soap, including products with additives for coloring, dandruff removal, etc. ....	2002..	71	X	1 612 690
		1997..	54	X	1 724 076
3256207131	Professional liquid hair shampoos containing synthetic organic chemicals, including products with additives for coloring, dandruff removal, etc. ....	2002..	14	X	78 851
		1997..	15	X	172 819
3256207141	Consumer use liquid hair shampoos containing synthetic organic chemicals, including products with additives for coloring, dandruff removal, etc. ....	2002..	39	X	1 155 054
		1997..	29	X	461 768
3256207151	Cream and gel hair shampoos containing synthetic organic chemicals, including products with additives for coloring, dandruff removal, etc. ....	2002..	10	X	85 182
		1997..	13	X	23 074
32562072	Hair tonics, including hair and scalp conditioners .....	2002..	N	X	3 796 450
		1997..	N	X	2 674 408
3256207211	Professional hair tonics, including hair and scalp conditioners .....	2002..	13	X	265 716
		1997..	22	X	100 134
3256207221	Consumer use hair tonics, including hair and scalp conditioners .....	2002..	29	X	424 733
		1997..	35	X	528 343
3256207231	Professional use hair mousse .....	2002..	9	X	112 099
		1997..	10	X	15 313
3256207241	Consumer use hair mousse .....	2002..	14	X	169 477
		1997..	13	X	150 586
3256207251	Consumer use hair perms (complete and refill) .....	2002..	9	X	142 244
		1997..	8	X	74 796
3256207261	Professional hair perms .....	2002..	7	X	68 286
		1997..	13	X	57 488
3256207271	Hair dressings, including brilliantines, creams, and pomades .....	2002..	21	X	211 349
		1997..	22	X	180 838
3256207281	Professional use hair coloring preparations (bleaches, dyes, rinses, tints, etc.) .....	2002..	11	X	98 627
		1997..	16	X	170 971
3256207291	Consumer use hair coloring preparations (bleaches, dyes, rinses, tints, etc.) .....	2002..	15	X	983 844
		1997..	12	X	819 932
32562072A1	Aerosol hair spray .....	2002..	14	X	469 015
		1997..	21	X	176 157
32562072B1	Nonaerosol hair spray .....	2002..	25	X	131 973
		1997..	35	X	230 551
32562072C1	Hair rinses, excluding color rinses .....	2002..	10	X	551 990
		1997..	7	X	24 621
32562072D1	Other hair preparations, including heat setting wave solutions .....	2002..	11	X	167 097
		1997..	13	X	144 678
3256207Y	Hair preparations (including shampoos), nsk .....	2002..	N	X	94 831
		1997..	N	X	271 385
3256207YVV	Hair preparations (including shampoos), nsk .....	2002..	N	X	94 831
		1997..	N	X	271 385
325620A	Dentifrices, mouthwashes, gargles, and rinses .....	2002..	N	X	1 256 205
		1997..	N	X	730 878
325620A1	Dentifrices, mouthwashes, gargles, and rinses .....	2002..	N	X	1 256 145

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				Quantity	Value (\$1,000)
325620	Toilet preparation manufacturing—Con.				
325620A	Dentifrices, mouthwashes, gargles, and rinses—Con.				
325620A1	Dentifrices, mouthwashes, gargles, and rinses—Con.				
325620A111	Denture cleaners	1997.. N 2002.. 11 1997.. 5	X X X	X X X	730 878 221 560 16 313
325620A121	Other oral hygiene products, including dental floss, dental adhesives, etc. (excluding toothbrushes and toothpicks)	2002.. 34 1997.. 32	X X	X X	1 034 585 714 565
325620AY	Dentifrices, mouthwashes, gargles, and rinses, nsk	2002.. N 1997.. N	X X	X X	60 —
325620AYWV	Dentifrices, mouthwashes, gargles, and rinses, nsk	2002.. N 1997.. N	X X	X X	60 —
325620D	Creams, lotions and oils, excluding shaving, hair, and deodorant	2002.. N 1997.. N	X X	X X	6 134 297 4 129 547
325620D1	Creams, excluding shaving	2002.. N 1997.. N	X X	X X	3 741 140 2 157 022
325620D111	Cleansing creams	2002.. 52 1997.. 41	X X	X X	2 098 042 378 976
325620D121	Foundation creams	2002.. 23 1997.. 20	X X	X X	529 529 596 875
325620D131	Lubricating creams, including hormone creams	2002.. 9 1997.. 14	X X	X X	89 055 104 943
325620D141	Moisturizing creams	2002.. 56 1997.. 53	X X	X X	815 216 884 453
325620D151	Other creams, excluding shaving, hair, deodorant, eye, and manicuring creams	2002.. 19 1997.. 18	X X	X X	209 298 191 775
325620D2	Lotions and oils	2002.. N 1997.. N	X X	X X	2 357 971 1 646 607
325620D211	Suntan lotions and oils	2002.. 21 1997.. 19	X X	X X	119 600 83 369
325620D221	Sunscreens and sunblocks (lotions and oils)	2002.. 35 1997.. 33	X X	X X	134 235 254 263
325620D231	Cleansing lotions (excluding hair, shaving, and bath)	2002.. 32 1997.. 25	X X	X X	172 902 151 796
325620D241	Cosmetic oils, including baby oils but excluding suntan oils	2002.. 18 1997.. 13	X X	X X	75 304 30 752
325620D251	Hand lotions	2002.. 70 1997.. 53	X X	X X	911 469 678 038
325620D261	Body lotions, excluding bath lotions	2002.. 64 1997.. 51	X X	X X	656 461 255 851
325620D271	Other lotions and oils, excluding hair, shaving, and bath	2002.. 22 1997.. 19	X X	X X	288 000 192 538
325620DY	Creams, lotions and oils, excluding shaving, hair, and deodorant, nsk	2002.. N 1997.. N	X X	X X	35 186 325 918
325620DYWV	Creams, lotions and oils, excluding shaving, hair, and deodorant, nsk	2002.. N 1997.. N	X X	X X	35 186 325 918
325620G	Other cosmetics and toilet preparations	2002.. N 1997.. N	X X	X X	9 392 275 7 527 193
325620G1	Cosmetics	2002.. N 1997.. N	X X	X X	3 763 054 2 427 350
325620G111	Lip cosmetics and toilet preparations (lipstick, lip gloss, lip conditioners, etc.)	2002.. 58 1997.. 42	X X	X X	2 700 995 1 047 770
325620G121	Blushers	2002.. 22 1997.. 19	X X	X X	192 738 416 707
325620G131	Eye cosmetics and toilet preparations (mascara, eye shadow, eye liners, eye creams, etc.)	2002.. 40 1997.. 28	X X	X X	869 321 962 873
325620G2	Deodorants and feminine hygiene douches, except medicated	2002.. N 1997.. N	X X	X X	2 354 882 1 459 821
325620G211	Feminine hygiene douches and deodorants (excluding medicated)	2002.. 6 1997.. 3	X X	X X	92 893 64 131
325620G221	Underarm deodorants, aerosol and spray type	2002.. 8 1997.. 8	X X	X X	139 423 199 265
325620G231	Underarm deodorants, roll-on, solid, and other types	2002.. 24 1997.. 22	X X	X X	2 122 566 1 196 425
325620G3	Other cosmetics and toilet preparations	2002.. N 1997.. N	X X	X X	3 105 215 2 362 312
325620G311	Nail enamels and polishes	2002.. 26 1997.. 24	X X	X X	352 628 409 069
325620G321	Nail enamel and polish removers	2002.. 12 1997.. 7	X X	X X	65 511 104 123
325620G331	Other manicuring preparations (including nail and cuticle conditioners and creams)	2002.. 8 1997.. 14	X X	X X	96 456 107 080
325620G341	Talcum and toilet powder	2002.. 12 1997.. 18	X X	X X	91 169 139 830
325620G351	Face powder (pressed and loose)	2002.. 21 1997.. 19	X X	X X	400 150 327 449
325620G361	Other powder, including foot powder, etc.	2002.. 10 1997.. 4	X X	X X	20 897 21 821
325620G371	Bath salts, tablets, oils, and bubble baths	2002.. 46 1997.. 37	X X	X X	243 288 137 224
325620G381	Premoistened towelettes, including wipes for babies	2002.. 13 1997.. 10	X X	X X	1 163 704 647 433
325620G391	Facial scrubs and masks	2002.. 26 1997.. 17	X X	X X	124 297 58 599
325620G3A1	Depilatories	2002.. 6 1997.. 6	X X	X X	90 337 30 813
325620G3B1	Other cosmetics and toiletries	2002.. 48 1997.. 50	X X	X X	456 778 378 871
325620GY	Other cosmetics and toilet preparations, nsk	2002.. N	X	X	169 124

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325620	Toilet preparation manufacturing—Con.				
325620G	Other cosmetics and toilet preparations—Con.				
325620GY	Other cosmetics and toilet preparations, nsk—Con.				
325620GYWV	Other cosmetics and toilet preparations, nsk	1997.. N	X	X	1 277 710
		2002.. N	X	X	169 124
		1997.. N	X	X	1 277 710
325620W	Toilet preparation manufacturing, nsk, total	2002.. N	X	X	2 094 778
		1997.. N	X	X	1 510 359
325620WY	Toilet preparation manufacturing, nsk, total	2002.. N	X	X	2 094 778
		1997.. N	X	X	1 510 359
325620WYWW	Toilet preparation manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	1 556 751
		1997.. N	X	X	1 214 890
325620WYWY	Toilet preparation manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	538 027
		1997.. N	X	X	295 469
325910	Printing ink manufacturing	2002.. N	X	X	4 048 046
		1997.. N	X	X	3 933 530
3259101	Letterpress printing inks	2002.. N	X	X	117 769
		1997.. N	X	X	184 336
32591011	Letterpress printing inks	2002.. N	X	X	109 229
		1997.. N	X	X	184 278
3259101111	News inks	mil lb. 2002.. 6	X	S	52 770
		1997.. 8	X	D	D
3259101121	Packaging inks	mil lb. 2002.. 6	X	D	D
		1997.. 11	X	D	D
3259101131	Other letterpress printing inks, including publication inks	mil lb. 2002.. 3	X	D	D
		1997.. 8	X	S	7 190
3259101Y	Letterpress printing inks, nsk	2002.. N	X	X	8 540
		1997.. N	X	X	58
3259101YWV	Letterpress printing inks, nsk	2002.. N	X	X	8 540
		1997.. N	X	X	58
3259104	Lithographic and offset inks	2002.. N	X	X	1 749 862
		1997.. N	X	X	1 680 418
32591041	News and nonheat web offset printing inks	2002.. N	X	X	D
		1997.. N	X	X	289 834
3259104111	News and nonheat web offset printing inks	mil lb. 2002.. 16	X	D	D
		1997.. 23	X	X	289 834
32591042	Publication and commercial web inks	2002.. N	X	X	576 381
		1997.. N	X	X	779 461
3259104221	Publication and commercial web inks	mil lb. 2002.. 20	X	S	576 381
		1997.. 25	X	S	779 461
32591043	Sheet-fed general inks	2002.. N	X	X	419 267
		1997.. N	X	X	334 030
3259104341	Sheet-fed general inks	mil lb. 2002.. 40	X	S	419 267
		1997.. 41	X	S	334 030
32591044	Sheet-fed packaging inks	2002.. N	X	X	D
		1997.. N	X	X	247 736
3259104431	Sheet-fed packaging inks	mil lb. 2002.. 17	X	D	D
		1997.. 17	X	X	162 257
3259104451	Other lithographic and offset inks	mil lb. 2002.. 12	X	S	139 107
		1997.. 14	X	S	85 479
3259104Y	Lithographic and offset inks, nsk	2002.. N	X	X	206 039
		1997.. N	X	X	29 357
3259104YWV	Lithographic and offset inks, nsk	2002.. N	X	X	206 039
		1997.. N	X	X	29 357
3259107	Gravure printing inks	2002.. N	X	X	572 382
		1997.. N	X	X	572 906
32591071	Gravure publication printing inks	2002.. N	X	X	D
		1997.. N	X	X	326 340
3259107131	Gravure publication printing inks, solvent types	mil lb. 2002.. 5	X	D	D
		1997.. 4	X	D	294 208
3259107141	Gravure publication printing inks, water types	mil lb. 2002.. 4	X	D	D
		1997.. 3	X	S	32 132
32591072	Other gravure printing inks, excluding publication printing types	2002.. N	X	X	D
		1997.. N	X	X	226 451
3259107211	Gravure packaging printing inks, solvent types	mil lb. 2002.. 15	X	S	134 870
		1997.. 16	X	S	121 834
3259107221	Gravure packaging printing inks, water types	mil lb. 2002.. 11	X	S	38 417
		1997.. 11	X	S	57 674
3259107251	Other gravure printing inks	mil lb. 2002.. 7	X	D	D
		1997.. 6	X	S	46 943
3259107Y	Gravure printing inks, nsk	2002.. N	X	X	103 725
		1997.. N	X	X	20 115
3259107YWV	Gravure printing inks, nsk	2002.. N	X	X	103 725
		1997.. N	X	X	20 115
325910A	Flexographic printing inks	2002.. N	X	X	843 623
		1997.. N	X	X	718 147
325910A1	Flexographic printing inks	2002.. N	X	X	736 412
		1997.. N	X	X	662 761
325910A111	Flexographic packaging printing inks, solvent types	mil lb. 2002.. 11	X	S	202 357
		1997.. 17	X	S	160 395
325910A121	Flexographic packaging printing inks, water types	mil lb. 2002.. 29	X	S	332 340
		1997.. 36	X	S	334 576
325910A131	Flexographic news and commercial printing inks	mil lb. 2002.. 4	X	S	107 787
		1997.. 6	X	S	116 562
325910A141	Other flexographic printing inks	mil lb. 2002.. 9	X	S	93 928
		1997.. 16	X	S	51 228
325910AY	Flexographic printing inks, nsk	2002.. N	X	X	107 211
		1997.. N	X	X	55 386
325910AYWV	Flexographic printing inks, nsk	2002.. N	X	X	107 211
		1997.. N	X	X	55 386

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325910	Printing ink manufacturing—Con.				
325910E	Nonimpact/digital inks . . . . .	2002.. N	X	X	247 728
		1997.. N	X	X	96 034
325910E1	Nonimpact/digital inks . . . . .	2002.. N	X	X	217 955
		1997.. N	X	X	86 967
325910E111	Inkjet inks . . . . . mil lb.	2002.. 18	X	S	180 508
		1997.. 7	X	S	57 167
325910E121	Electrophotographic printing inks . . . . . mil lb.	2002.. —	X	—	—
		1997.. 3	X	S	8 592
325910E131	Other nonimpact/digital inks . . . . . mil lb.	2002.. 6	X	—	37 447
		1997.. 3	X	S	21 208
325910EY	Nonimpact/digital inks, nsk . . . . .	2002.. N	X	X	29 773
		1997.. N	X	X	9 067
325910EYWV	Nonimpact/digital inks, nsk . . . . .	2002.. N	X	X	29 773
		1997.. N	X	X	9 067
325910H	All other printing inks . . . . .	2002.. N	X	X	308 773
		1997.. N	X	X	228 316
325910H1	All other printing inks . . . . .	2002.. N	X	X	264 300
		1997.. N	X	X	228 316
325910H111	Textile printing inks . . . . . mil lb.	2002.. 5	X	S	33 666
		1997.. 9	X	S	51 025
325910H121	Screen printing inks . . . . . mil lb.	2002.. 14	X	S	128 072
		1997.. 13	X	S	131 944
325910H131	Other printing inks, including stencil inks . . . . . mil lb.	2002.. 13	X	S	102 562
		1997.. 11	X	S	45 347
325910HY	All other printing inks, nsk . . . . .	2002.. N	X	X	44 473
		1997.. N	X	X	—
325910HYWV	All other printing inks, nsk . . . . .	2002.. N	X	X	44 473
		1997.. N	X	X	—
325910W	Printing ink manufacturing, nsk, total . . . . .	2002.. N	X	X	207 909
		1997.. N	X	X	453 373
325910WY	Printing ink manufacturing, nsk, total . . . . .	2002.. N	X	X	207 909
		1997.. N	X	X	453 373
325910WYWW	Printing ink manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002.. N	X	X	111 382
		1997.. N	X	X	307 022
325910WYWY	Printing ink manufacturing, nsk, for administrative-record establishments . . . . .	2002.. N	X	X	96 527
		1997.. N	X	X	146 351
325920	Explosives manufacturing . . . . .	2002.. N	X	X	896 379
		1997.. N	X	X	1 242 257
3259200	Explosives . . . . .	2002.. N	X	X	896 379
		1997.. N	X	X	1 242 257
32592001	Industrial explosives . . . . .	2002.. N	X	X	367 023
		1997.. N	X	X	613 061
3259200111	Industrial ammonium nitrate explosives, fuel sensitized, excluding slurry . . . . . mil lb.	2002.. 8	X	S	113 895
		1997.. 11	X	S	200 244
3259200121	Other industrial explosives; including water gel and slurries, permissibles, dynamites, black blasting powder, liquid oxygen explosives, nitroglycerin, etc. . . . .	2002.. 13	X	X	253 128
		1997.. 18	X	X	412 817
32592002	Blasting accessories, including blasting caps, squibs, ignitors, detonating primers, fuses, detonating cord, etc. . . . .	2002.. N	X	X	231 829
		1997.. N	X	X	360 506
3259200231	Blasting accessories, including blasting caps, squibs, ignitors, detonating primers, fuses, detonating cord, etc. . . . .	2002.. 10	X	X	231 829
		1997.. 15	X	X	360 506
32592003	Other explosives and propellants, including military detonators, jet starters, fuse and explosive assemblies, etc. . . . .	2002.. N	X	X	233 204
		1997.. N	X	X	159 117
3259200341	Other explosives and propellants, including military detonators, jet starters, fuse and explosive assemblies, etc. . . . .	2002.. 15	X	X	233 204
		1997.. 14	X	X	159 117
3259200Y	Explosives, nsk, total . . . . .	2002.. N	X	X	64 323
		1997.. N	X	X	109 573
3259200YWW	Explosives, nsk, for nonadministrative-record establishments . . . . .	2002.. N	X	X	53 638
		1997.. N	X	X	98 148
3259200YWY	Explosives, nsk, for administrative-record establishments . . . . .	2002.. N	X	X	10 685
		1997.. N	X	X	11 425
325991	Custom compounding of purchased resins . . . . .	2002.. N	X	X	7 049 515
		1997.. N	X	X	7 338 126
3259911	Custom compounding of purchased resins and color concentrates . . . . .	2002.. N	X	X	5 729 573
		1997.. N	X	X	5 773 884
32599111	Custom compounding of purchased resins . . . . .	2002.. N	X	X	4 416 267
		1997.. N	X	X	4 446 253
3259911115	Custom compounding of purchased resins . . . . .	2002.. 162	X	X	4 416 267
		1997.. 212	X	X	4 446 253
32599112	Plastics color concentrates . . . . .	2002.. N	X	X	1 280 890
		1997.. N	X	X	1 327 631
3259911221	Plastics color concentrates . . . . .	2002.. 67	X	X	1 280 890
		1997.. 57	X	X	1 327 631
3259911Y	Custom compounding of purchased resins and color concentrates, nsk . . . . .	2002.. N	X	X	32 416
		1997.. N	X	X	—
3259911YWV	Custom compounding of purchased resins and color concentrates, nsk . . . . .	2002.. N	X	X	32 416
		1997.. N	X	X	—
3259912	Resins in the form of pellets from spent or post consumer plastics . . . . .	2002.. N	X	X	519 828
		1997.. N	X	X	501 958

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325991	Custom compounding of purchased resins—Con.				
3259912	Resins in the form of pellets from spent or post consumer plastics—Con.				
32599121	Resins in the form of pellets from spent or post consumer plastics .....	2002..	N	X	X
		1997..	N	X	X
3259912100	Resins in the form of pellets from spent or post consumer plastics .....	2002..	51	X	X
		1997..	39	X	X
325991W	Custom compounding of purchased resins, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
325991WY	Custom compounding of purchased resins, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
325991WYWW	Custom compounding of purchased resins, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
325991WYWY	Custom compounding of purchased resins, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
325992	Photographic film, paper, plate, and chemical manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3259921	Photographic sensitized film, plates, paper, and cloth, silver halide type (excluding X-ray) .....	2002..	N	X	X
		1997..	N	X	X
32599211	Photographic sensitized film, plates, paper, and cloth, silver halide type (excluding X-ray) .....	2002..	N	X	X
		1997..	N	X	X
3259921101	Photographic presensitized printing plates, unexposed .....	2002..	8	X	X
		1997..	9	X	X
3259921106	Phototypesetting and imagesetting film .....	2002..	9	X	X
		1997..	8	X	X
3259921111	Sensitized photographic paper and cloth, silver halide type .....	2002..	8	X	X
		1997..	8	X	X
3259921116	Other photographic sensitized film, plates, slides, including microfilm and motion picture film, sheet film, pack film, and long lengths of still picture roll film including graphic arts film .....	2002..	22	X	D
		1997..	11	X	D
3259921Y	Photographic sensitized film, plates, paper, and cloth, silver halide type (excluding X-ray), nsk .....	2002..	N	X	X
		1997..	N	X	X
3259921YVV	Photographic sensitized film, plates, paper, and cloth, silver halide type (excluding X-ray), nsk .....	2002..	N	X	X
		1997..	N	X	X
3259923	Sensitized photographic film, plates, paper, and cloth, other than silver halide type (including X-ray) .....	2002..	N	X	X
		1997..	N	X	X
32599231	Sensitized photographic film, plates, paper, and cloth, other than silver halide type (including X-ray) .....	2002..	N	X	X
		1997..	N	X	X
3259923101	Dry diazo print paper .....	2002..	7	X	X
		1997..	12	X	X
3259923106	Photographic diffusion transfer materials (including both imager and receiver sheets) .....	2002..	7	X	D
		1997..	26	X	X
3259923111	X ray film and plates .....	2002..	4	X	D
		1997..	6	X	X
3259923Y	Sensitized photographic film, plates, paper, and cloth, other than silver halide type (including X-ray), nsk .....	2002..	N	X	X
		1997..	N	X	X
3259923YVV	Sensitized photographic film, plates, paper, and cloth, other than silver halide type (including X-ray), nsk .....	2002..	N	X	X
		1997..	N	X	X
3259925	Prepared photographic chemicals .....	2002..	N	X	X
		1997..	N	X	X
32599251	Prepared photographic chemicals, office copy toners .....	2002..	N	X	X
		1997..	N	X	X
3259925101	Prepared photographic chemicals, office copy toners .....	2002..	42	X	X
		1997..	28	X	X
32599252	Prepared photographic chemicals .....	2002..	N	X	X
		1997..	N	X	X
3259925206	Prepared photographic chemicals .....	2002..	22	X	X
		1997..	21	X	X
32599253	Prepared photographic plate chemicals .....	2002..	N	X	X
		1997..	N	X	X
3259925316	Prepared photographic plate chemicals .....	2002..	6	X	X
		1997..	6	X	X
3259925321	Other prepared photographic chemicals .....	2002..	14	X	X
		1997..	14	X	X
3259925Y	Prepared photographic chemicals, nsk .....	2002..	N	X	X
		1997..	N	X	X
3259925YVV	Prepared photographic chemicals, nsk .....	2002..	N	X	X
		1997..	N	X	X
325992W	Photographic film, paper, plate, and chemical manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
325992WY	Photographic film, paper, plate, and chemical manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
325992WYWW	Photographic film, paper, plate, and chemical manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
325992WYWY	Photographic film, paper, plate, and chemical manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
325992	Photographic film, paper, plate, and chemical manufacturing—Con.					
325992W	Photographic film, paper, plate, and chemical manufacturing, nsk, total—Con.					
325992WY	Photographic film, paper, plate, and chemical manufacturing, nsk, total—Con.					
325992WYWY	Photographic film, paper, plate, and chemical manufacturing, nsk, for administrative-record establishments—Con.					
		1997..	N	X	X	87 510
325998	All other miscellaneous chemical product and preparation manufacturing .....	2002..	N	X	X	12 435 915
		1997..	N	X	X	11 803 845
3259981	Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt .....	2002..	N	X	X	636 898
		1997..	N	X	X	433 405
32599811	Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt .....	2002..	N	X	X	636 898
		1997..	N	X	X	433 405
3259981100	Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt .....	1,000 s tons. 2002..	17	X	S	636 898
		1997..	16	X	p4 591.4	433 405
3259984	Matches .....	2002..	N	X	X	49 997
		1997..	N	X	X	62 665
32599841	Matches .....	2002..	N	X	X	49 997
		1997..	N	X	X	62 665
3259984100	Matches .....	2002..	6	X	X	49 997
		1997..	4	X	X	62 665
3259987	Gelatin, excluding ready-to-eat desserts .....	2002..	N	X	X	521 432
		1997..	N	X	X	445 300
32599871	Gelatin, excluding ready-to-eat desserts .....	2002..	N	X	X	481 032
		1997..	N	X	X	445 300
3259987111	Food grade, excluding pharmaceutical and photographic .....	mil lb. 2002..	6	X	D	D
		1997..	9	X	S	136 189
3259987121	Pharmaceutical grade, excluding unfilled capsules .....	mil lb. 2002..	4	X	D	D
		1997..	5	X	p20.8	59 779
3259987131	Other gelatin products, including unfilled capsules, gelatin sheets for theatrical use, and photographic grade and technical (inedible) grade gelatin .....	2002..	10	X	X	313 334
		1997..	8	X	X	249 332
3259987Y	Gelatin, excluding ready-to-eat desserts, nsk .....	2002..	N	X	X	40 400
		1997..	N	X	X	—
3259987YWV	Gelatin, excluding ready-to-eat desserts, nsk .....	2002..	N	X	X	40 400
		1997..	N	X	X	—
325998A	Water treating compounds .....	2002..	N	X	X	2 576 529
		1997..	N	X	X	2 087 398
325998A1	Water treating compounds .....	2002..	N	X	X	2 440 585
		1997..	N	X	X	2 087 398
325998A111	Swimming pool chemical preparations .....	2002..	13	X	X	632 124
		1997..	17	X	X	455 173
325998A121	Cooling tower compounds .....	mil lb. 2002..	38	X	S	131 297
		1997..	52	X	q168.8	256 032
325998A131	Boiler compounds .....	mil lb. 2002..	55	X	S	175 466
		1997..	66	X	S	219 205
325998A141	Other water-treating compounds .....	mil lb. 2002..	86	X	S	1 501 698
		1997..	74	X	p1 425.3	1 156 988
325998AY	Water treating compounds, nsk .....	2002..	N	X	X	135 944
		1997..	N	X	X	—
325998AYWV	Water treating compounds, nsk .....	2002..	N	X	X	135 944
		1997..	N	X	X	—
325998E	Automotive chemicals .....	2002..	N	X	X	991 895
		1997..	N	X	X	683 669
325998E1	Automotive chemicals .....	2002..	N	X	X	907 547
		1997..	N	X	X	683 669
325998E111	Antifreeze preparations .....	mil gal. 2002..	24	X	81.0	210 467
		1997..	33	X	S	305 440
325998E121	Radiator additives .....	2002..	4	X	X	11 623
		1997..	5	X	X	14 633
325998E131	Crankcase additives .....	2002..	9	X	X	35 718
		1997..	7	X	X	17 034
325998E141	Brake, transmission, and other automotive fluids .....	2002..	12	X	X	141 711
		1997..	11	X	X	52 603
325998E151	Engine degreasers .....	2002..	10	X	X	29 922
		1997..	4	X	X	3 187
325998E161	Carburetor and choke cleaners .....	2002..	10	X	X	63 260
		1997..	9	X	X	36 571
325998E171	Deicers, windshield, lock, etc. ....	2002..	13	X	X	37 468
		1997..	9	X	X	23 233
325998E181	Engine starting fluids .....	2002..	3	X	X	5 577
		1997..	5	X	X	8 910
325998E191	Aerosol tire inflators .....	2002..	3	X	X	15 064
		1997..	5	X	X	12 563
325998E1A1	All other miscellaneous automotive chemicals .....	2002..	24	X	X	356 737
		1997..	22	X	X	209 495
325998EY	Automotive chemicals, nsk .....	2002..	N	X	X	84 348
		1997..	N	X	X	—
325998EYWV	Automotive chemicals, nsk .....	2002..	N	X	X	84 348
		1997..	N	X	X	—
325998J	All other chemical preparations, including essential oils and water-treating compounds .....	2002..	N	X	X	6 366 126
		1997..	N	X	X	N
325998J1	All other chemical preparations, including essential oils and water-treating compounds .....	2002..	N	X	X	6 316 630
		1997..	N	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
325998	All other miscellaneous chemical product and preparation manufacturing—Con.				
325998J	All other chemical preparations, including essential oils and water-treating compounds—Con.				
325998J1	All other chemical preparations, including essential oils and water-treating compounds—Con.				
325998J101	Citrus fruit essential oils, including orange, lemon, and lime . . . . . mil lb. . . . .	2002 . . . . . 17 1997 . . . . . N	X X	S N	170 627 N
325998J103	Other essential oils, including spearmint, peppermint, cedar wood, clove, and nutmeg oils . . . . . mil lb. . . . .	2002 . . . . . 13 1997 . . . . . N	X X	S N	235 582 N
325998J106	Fireworks . . . . .	2002 . . . . . 9 1997 . . . . . N	X X	X X	D N
325998J107	Pyrotechnics, including flares, jet fuel igniters, railroad torpedoes, toy pistol caps, etc. . . . .	2002 . . . . . 10 1997 . . . . . N	X X	X X	132 644 N
325998J109	Rubber processing preparations, including red lead and 2-mercaptoimidazole rubber accelerator composition . . . . . mil lb. . . . .	2002 . . . . . 9 1997 . . . . . N	X X	S N	130 969 N
325998J111	Concrete curing and floor hardening materials . . . . .	2002 . . . . . 31 1997 . . . . . N	X X	X X	349 572 N
325998J121	Drilling mud materials; mud thinners, thickeners, and purifiers . . . . . mil lb. . . . .	2002 . . . . . 21 1997 . . . . . N	X X	478.7 N	309 415 N
325998J131	Chemical foundry supplies, including binders, core oils, core wash, etc. . . . .	2002 . . . . . 13 1997 . . . . . N	X X	X X	427 142 N
325998J141	Household tints and dyes . . . . . mil lb. . . . .	2002 . . . . . 1 1997 . . . . . N	X X	D N	D N
325998J151	Metal-treating compounds (nonoil-base) for nitriding, pickling, drawing, and cutting . . . . .	2002 . . . . . 19 1997 . . . . . N	X X	X X	207 414 N
325998J161	Oil-treating compounds . . . . .	2002 . . . . . 10 1997 . . . . . N	X X	X X	383 086 N
325998J171	Sizes . . . . . mil lb. . . . .	2002 . . . . . 15 1997 . . . . . N	X X	555.0 N	298 867 N
325998J181	Writing and stamp pad inks, including indelible ink and marking fluid, excluding drawing inks . . . . .	2002 . . . . . 4 1997 . . . . . N	X X	X X	49 017 N
325998J191	Waterproofing compounds . . . . .	2002 . . . . . 14 1997 . . . . . N	X X	X X	94 347 N
325998J1A1	Plating compounds . . . . . mil lb. . . . .	2002 . . . . . 15 1997 . . . . . N	X X	S N	266 874 N
325998J1B1	Lighter fluids (cigarette, charcoal, etc.) . . . . . mil gal. . . . .	2002 . . . . . 6 1997 . . . . . N	X X	S N	45 994 N
325998J1C1	Waxes (animal, vegetable, mineral, including blends), excluding petroleum waxes and polishing preparations . . . . .	2002 . . . . . 16 1997 . . . . . N	X X	X X	107 345 N
325998J1D1	Distilled water . . . . . mil gal. . . . .	2002 . . . . . 3 1997 . . . . . N	X X	D N	D N
325998J1F1	Cat litter, excluding natural and untreated materials . . . . .	2002 . . . . . 6 1997 . . . . . N	X X	X X	33 414 N
325998J1G1	Activated and reactivated carbon, pulverized and granular <sup>18</sup> . . . . .	2002 . . . . . 11 1997 . . . . . N	X X	X X	178 053 N
325998J1H1	Filling pressurized aerosol containers with materials owned by others (excluding interplant transfers) . . . . .	2002 . . . . . 11 1997 . . . . . N	X X	X X	422 184 N
325998J1U1	Other industrial chemical specialties, including fluxes, insulation products (heat, electrical, other), and embalming preparations . . . . .	2002 . . . . . 143 1997 . . . . . N	X X	X X	2 371 692 N
325998JY	All other chemical preparations, including essential oils and water-treating compounds, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	49 496 N
325998JYWV	All other chemical preparations, including essential oils and water-treating compounds, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	49 496 N
325998W	All other miscellaneous chemical product and preparation manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 293 038 1 592 589
325998WY	All other miscellaneous chemical product and preparation manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 293 038 1 592 589
325998WYWW	All other miscellaneous chemical product and preparation manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	982 820 1 314 829
325998WYWY	All other miscellaneous chemical product and preparation manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	310 218 277 760
326111	Plastics bag manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	7 610 639 6 950 803
3261111	Single-web film specialty bags, pouches, and liners . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	6 729 292 6 019 915
326111111	Polyethylene grocery and variety bags and pouches . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 966 143 1 283 054
32611111111	Polyethylene grocery and variety bags and pouches . . . . . 1,000 s tons. . . . .	2002 . . . . . 94 1997 . . . . . 81	X X	S S	1 966 143 1 283 054
326111112	Polyethylene refuse bags . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 692 389 1 369 087
3261111215	Polyethylene refuse bags . . . . . 1,000 s tons. . . . .	2002 . . . . . 47 1997 . . . . . 46	X X	S S	1 692 389 1 369 087
32611113	Polyethylene textile and clothing bags and pouches . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	189 438 179 560
3261111321	Polyethylene textile and clothing bags and pouches . . . . . 1,000 s tons. . . . .	2002 . . . . . 31	X	S	189 438

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326111	Plastics bag manufacturing—Con.				
3261111	Single-web film specialty bags, pouches, and liners—Con.				
32611113	Polyethylene textile and clothing bags and pouches—Con.				
3261111321	Polyethylene textile and clothing bags and pouches—Con.	1997..	42	X	S 179 560
32611114	Polyethylene household food storage bags and pouches (sandwich and freezer) .....	2002..	N	X	X 711 555
		1997..	N	X	X 577 537
3261111431	Polyethylene household food storage bags and pouches (sandwich and freezer) .....	1,000 s tons..	2002..	17	X 711 555
			1997..	19	X 577 537
32611115	Other polyethylene bags, pouches, and liners .....	2002..	N	X	X 1 369 487
			1997..	N	X 1 270 552
3261111541	Polyethylene produce bags .....	1,000 s tons..	2002..	32	X <sup>1</sup> 135.4 465 151
			1997..	42	X 181 295
3261111551	Polyethylene drum and box liners .....	1,000 s tons..	2002..	25	X 133 592
			1997..	35	X 187 789
3261111561	Polyethylene shipping sacks .....	1,000 s tons..	2002..	22	X <sup>P</sup> 106.4 188 490
			1997..	17	X <sup>6</sup> 2.8 132 177
3261111563	Polyethylene bread bags .....	1,000 s tons..	2002..	20	X D
			1997..	N	X N
3261111566	Polyethylene newspaper sleeves .....	1,000 s tons..	2002..	2	X D
			1997..	N	X N
3261111572	Other polyethylene single-web film, specialty bags, pouches, and liners .....	1,000 s tons..	2002..	79	X S 486 791
			1997..	N	X N
32611116	Coextruded single-web film specialty bags, pouches, and liners .....	2002..	N	X	X 578 023
			1997..	N	X 548 169
3261111621	Coextruded bags, pouches, and liners, used for meat .....	1,000 s tons..	2002..	10	X S 346 975
			1997..	N	X N
3261111631	Coextruded bags, pouches, and liners, for medical uses .....	1,000 s tons..	2002..	9	X D
			1997..	N	X N
3261111641	Coextruded bags, pouches, and liners, used for food, except produce and meat .....	1,000 s tons..	2002..	10	X 31.2 116 516
			1997..	N	X N
3261111651	Coextruded bags, pouches, and liners, used for produce .....	1,000 s tons..	2002..	7	X S 32 230
			1997..	N	X N
3261111661	Coextruded bags, pouches, and liners, used for pet food .....	1,000 s tons..	2002..	1	X D
			1997..	N	X N
3261111671	All other coextruded bags, pouches, and liners, used for non-food .....	1,000 s tons..	2002..	11	X <sup>2</sup> 1.9 54 277
			1997..	N	X N
32611117	Other single-web film specialty bags, pouches, and liners .....	2002..	N	X	X 109 350
			1997..	N	X 230 154
3261111791	Other single-web film specialty bags, pouches, and liners .....	1,000 s tons..	2002..	18	X S 109 350
			1997..	36	X S 230 154
3261111Y	Single-web film specialty bags, pouches, and liners, nsk .....	2002..	N	X	X 112 907
			1997..	N	X 561 802
3261111YV	Single-web film specialty bags, pouches, and liners, nsk .....	2002..	N	X	X 112 907
			1997..	N	X 561 802
3261113	Multiweb film/film combination specialty bags, pouches, and liners .....	2002..	N	X	X 621 336
			1997..	N	X 427 192
32611131	Multiweb film/film combination specialty bags, pouches, and liners .....	2002..	N	X	X 621 336
			1997..	N	X 427 192
3261113100	Multiweb film/film combination specialty bags, pouches, and liners .....	1,000 s tons..	2002..	45	X S 621 336
			1997..	46	X S 427 192
326111W	Plastics bag manufacturing, nsk, total .....	2002..	N	X	X 260 011
			1997..	N	X 503 696
326111WY	Plastics bag manufacturing, nsk, total .....	2002..	N	X	X 260 011
			1997..	N	X 503 696
326111WYV	Plastics bag manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X 74 265
			1997..	N	X 386 804
326111WYVY	Plastics bag manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X 185 746
			1997..	N	X 116 892
326112	Plastics packaging film and sheet (including laminated) manufacturing .....	2002..	N	X	X 6 138 352
			1997..	N	X 3 458 576
3261121	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses .....	2002..	N	X	X 3 651 730
			1997..	N	X 1 844 318
32611211	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses .....	2002..	N	X	X 2 906 652
			1997..	N	X 970 558
3261121121	Polyethylene single-web film, rolls, and sheets, including coextruded, for flexible packaging uses .....	1,000 s tons..	2002..	116	X S 1 606 505
			1997..	N	X N
3261121131	Polypropylene single-web film, rolls, and sheets, including coextruded, for flexible packaging uses .....	1,000 s tons..	2002..	58	X S 469 227
			1997..	N	X N
3261121141	Nylon single-web film, rolls, and sheets, including coextruded, for flexible packaging uses .....	1,000 s tons..	2002..	13	X S 57 670
			1997..	N	X N
3261121151	PETG single-web film, rolls, and sheets, including coextruded, for flexible packaging uses .....	1,000 s tons..	2002..	12	X S 88 149
			1997..	N	X N
3261121161	PVC single-web film, rolls, and sheets, including coextruded, for flexible packaging uses .....	1,000 s tons..	2002..	27	X S 219 543
			1997..	N	X N
3261121171	All other single-web film, rolls, and sheets, including coextruded, for flexible packaging uses .....	1,000 s tons..	2002..	32	X S 465 558
			1997..	N	X N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326112	Plastics packaging film and sheet (including laminated) manufacturing—Con.				
3261121	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses—Con.				
32611212	Coextruded single-web film, for flexible packaging uses . . . . .	2002 . . . . . N	X	X	609 014
		1997 . . . . . N	X	X	803 591
3261121221	Coextruded single-web film, for flexible packaging uses . . . . . 1,000 s tons . . . . .	2002 . . . . . 26	X	9159.8	609 014
		1997 . . . . . 33	X	S	803 591
3261121Y	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses, nsk . . . . .	2002 . . . . . N	X	X	136 064
		1997 . . . . . N	X	X	70 169
3261121YVV	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses, nsk . . . . .	2002 . . . . . N	X	X	136 064
		1997 . . . . . N	X	X	70 169
3261123	Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses . . . . .	2002 . . . . . N	X	X	2 371 604
		1997 . . . . . N	X	X	1 400 302
32611231	Polypropylene/polypropylene multiweb laminated rolls and sheets, for flexible packaging uses . . . . .	2002 . . . . . N	X	X	1 147 428
		1997 . . . . . N	X	X	451 924
3261123111	Polypropylene/polypropylene multiweb laminated rolls and sheets, for flexible packaging uses . . . . . 1,000 s tons . . . . .	2002 . . . . . 43	X	S	1 147 428
		1997 . . . . . 27	X	776.4	451 924
32611232	Metalized film/film multiweb laminated rolls and sheets, for flexible packaging uses . . . . .	2002 . . . . . N	X	X	262 056
		1997 . . . . . N	X	X	203 512
3261123221	Metalized film/film multiweb laminated rolls and sheets, for flexible packaging uses . . . . . 1,000 s tons . . . . .	2002 . . . . . 22	X	S	262 056
		1997 . . . . . 27	X	S	203 512
32611233	Other film/film multiweb laminated rolls and sheets, for flexible packaging uses . . . . .	2002 . . . . . N	X	X	928 590
		1997 . . . . . N	X	X	570 977
3261123331	Cellophane/other film multiweb laminated rolls and sheets, for flexible packaging uses . . . . . 1,000 s tons . . . . .	2002 . . . . . 11	X	S	52 969
		1997 . . . . . 12	X	S	18 034
3261123341	Other film/film multiweb laminated rolls and sheets, for flexible packaging uses . . . . . 1,000 s tons . . . . .	2002 . . . . . 37	X	9149.4	875 621
		1997 . . . . . 36	X	S	552 943
3261123Y	Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses, nsk . . . . .	2002 . . . . . N	X	X	33 530
		1997 . . . . . N	X	X	173 889
3261123YVV	Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses, nsk . . . . .	2002 . . . . . N	X	X	33 530
		1997 . . . . . N	X	X	173 889
326112W	Plastics packaging film and sheet (including laminated) manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	115 018
		1997 . . . . . N	X	X	213 956
326112WY	Plastics packaging film and sheet (including laminated) manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	115 018
		1997 . . . . . N	X	X	213 956
326112WYWW	Plastics packaging film and sheet (including laminated) manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N	X	X	73 251
		1997 . . . . . N	X	X	164 470
326112WYVY	Plastics packaging film and sheet (including laminated) manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N	X	X	41 767
		1997 . . . . . N	X	X	49 486
326113	Unlaminated plastics film and sheet (except packaging) manufacturing . . . . .	2002 . . . . . N	X	X	14 545 238
		1997 . . . . . N	X	X	13 948 320
3261130	Unlaminated plastics film and sheet, excluding packaging . . . . .	2002 . . . . . N	X	X	14 545 238
		1997 . . . . . N	X	X	13 948 320
32611301	Unlaminated polyethylene film and sheet . . . . .	2002 . . . . . N	X	X	4 314 594
		1997 . . . . . N	X	X	3 749 571
3261130121	Unlaminated polyethylene film and sheet . . . . .	2002 . . . . . 172	X	X	4 314 594
		1997 . . . . . 218	X	X	3 749 571
32611302	Unlaminated polypropylene film and sheet . . . . .	2002 . . . . . N	X	X	1 039 004
		1997 . . . . . N	X	X	1 422 659
3261130231	Unlaminated polypropylene film and sheet . . . . .	2002 . . . . . 72	X	X	1 039 004
		1997 . . . . . 80	X	X	1 422 659
32611303	Unlaminated vinyl and vinyl copolymer film and sheet . . . . .	2002 . . . . . N	X	X	2 301 685
		1997 . . . . . N	X	X	1 974 042
3261130341	Unlaminated vinyl and vinyl copolymer film and sheet . . . . .	2002 . . . . . 86	X	X	2 301 685
		1997 . . . . . 97	X	X	1 974 042
32611304	Other unlaminated plastics film and sheet . . . . .	2002 . . . . . N	X	X	5 799 938
		1997 . . . . . N	X	X	5 316 528
3261130449	Unlaminated cellulosic film and sheet . . . . .	2002 . . . . . 11	X	X	264 070
		1997 . . . . . 20	X	X	293 907
3261130451	Unlaminated acrylic film and sheet . . . . .	2002 . . . . . 25	X	X	757 197
		1997 . . . . . 32	X	X	389 325
3261130453	Other unlaminated plastics film and sheet . . . . .	2002 . . . . . 199	X	X	4 778 671
		1997 . . . . . 166	X	X	4 633 296
3261130Y	Unlaminated plastics film and sheet, excluding packaging, nsk, total . . . . .	2002 . . . . . N	X	X	1 090 017
		1997 . . . . . N	X	X	1 485 520
3261130YVV	Unlaminated plastics film and sheet, excluding packaging, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N	X	X	607 915
		1997 . . . . . N	X	X	1 004 141
3261130YVY	Unlaminated plastics film and sheet, excluding packaging, nsk, for administrative-record establishments . . . . .	2002 . . . . . N	X	X	482 102
		1997 . . . . . N	X	X	481 379
326121	Unlaminated plastics profile shape manufacturing . . . . .	2002 . . . . . N	X	X	5 400 366
		1997 . . . . . N	X	X	4 314 941

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326121	Unlaminated plastics profile shape manufacturing—Con.				
3261210	Unlaminated plastics profile shapes .....	2002.. N	X	X	5 400 366
		1997.. N	X	X	4 314 941
32612101	Unlaminated acrylate and methacrylate rods, tubes, profiles, and other shapes .....	2002.. N	X	X	412 460
		1997.. N	X	X	266 617
3261210111	Unlaminated acrylate and methacrylate rods, tubes, profiles, and other shapes .....	2002.. 36	X	X	412 460
		1997.. 29	X	X	266 617
32612102	Unlaminated polyamide (nylon) rods, tubes, profiles, and other shapes .....	2002.. N	X	X	307 988
		1997.. N	X	X	179 150
3261210231	Unlaminated polyamide (nylon) rods, tubes, profiles, and other shapes .....	2002.. 31	X	X	307 988
		1997.. 38	X	X	179 150
32612103	Unlaminated polyethylene rods, tubes, profiles, and other shapes .....	2002.. N	X	X	1 501 954
		1997.. N	X	X	1 005 140
3261210341	Unlaminated polyethylene rods, tubes, profiles, and other shapes .....	2002.. 150	X	X	1 501 954
		1997.. 149	X	X	1 005 140
32612104	Unlaminated polypropylene rods, tubes, profiles, and other shapes .....	2002.. N	X	X	488 996
		1997.. N	X	X	334 393
3261210451	Unlaminated polypropylene rods, tubes, profiles, and other shapes .....	2002.. 92	X	X	488 996
		1997.. 102	X	X	334 393
32612105	Unlaminated polystyrene rods, tubes, profiles, and other shapes .....	2002.. N	X	X	305 068
		1997.. N	X	X	189 043
3261210561	Unlaminated polystyrene rods, tubes, profiles, and other shapes .....	2002.. 55	X	X	305 068
		1997.. 87	X	X	189 043
32612106	Unlaminated vinyl and vinyl copolymer rods, tubes, profiles, and other shapes .....	2002.. N	X	X	634 948
		1997.. N	X	X	800 826
3261210681	Unlaminated vinyl and vinyl copolymer rods, tubes, profiles, and other shapes .....	2002.. 78	X	X	634 948
		1997.. 122	X	X	800 826
32612107	Other unlaminated plastics profile shapes .....	2002.. N	X	X	1 381 373
		1997.. N	X	X	1 073 816
3261210787	Unlaminated cellulosic rods, tubes, profiles, and other shapes .....	2002.. 13	X	X	161 451
		1997.. 17	X	X	192 110
3261210789	Unlaminated styrene copolymer rods, tubes, profiles, and other shapes .....	2002.. 16	X	X	37 314
		1997.. 20	X	X	11 626
3261210791	Other unlaminated plastics rods, tubes, profiles, and other shapes .....	2002.. 137	X	X	1 182 608
		1997.. 142	X	X	870 080
3261210Y	Unlaminated plastics profile shapes, nsk, total .....	2002.. N	X	X	367 579
		1997.. N	X	X	465 956
3261210YWW	Unlaminated plastics profile shapes, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	291 264
		1997.. N	X	X	265 210
3261210YWY	Unlaminated plastics profile shapes, nsk, for administrative-record establishments .....	2002.. N	X	X	76 315
		1997.. N	X	X	200 746
326122	Plastics pipe and pipe fitting manufacturing .....	2002.. N	X	X	5 329 955
		1997.. N	X	X	4 842 438
3261221	Plastics pipe .....	2002.. N	X	X	4 497 427
		1997.. N	X	X	3 805 800
32612211	Plastics drain, waste, and vent pipe .....	2002.. N	X	X	1 424 629
		1997.. N	X	X	682 506
3261221112	Plastics drain, waste, and vent pipe, PVC .....	2002.. 47	X	X	1 149 495
		1997.. 44	X	X	451 348
3261221114	Plastics drain, waste, and vent pipe, ABS .....	2002.. 12	X	X	107 066
		1997.. 19	X	X	138 031
3261221116	Plastics drain, waste, and vent pipe, other .....	2002.. 23	X	X	168 068
		1997.. 30	X	X	93 127
32612213	Plastics water pipe .....	2002.. N	X	X	1 664 401
		1997.. N	X	X	1 674 695
3261221321	Plastics water pipe, PVC (pressure pipe) Schedule 40 .....	2002.. 33	X	X	588 659
		1997.. 40	X	X	673 038
3261221323	Plastics water pipe, CPVC CTS .....	2002.. 7	X	X	67 409
		1997.. 8	X	X	51 062
3261221325	Plastics water pipe, PE (polyethylene) .....	2002.. 30	X	X	868 566
		1997.. 34	X	X	668 806
3261221327	Plastics water pipe, other .....	2002.. 26	X	X	139 767
		1997.. 25	X	X	281 789
32612215	Plastics industrial and mining pipe (including chemical processing, food processing) .....	2002.. N	X	X	519 458
		1997.. N	X	X	342 174
3261221531	Plastics industrial and mining pipe (including chemical processing, food processing), PVC (pressure pipe) Schedule 80 .....	2002.. 19	X	X	44 779
		1997.. 20	X	X	117 573
3261221533	Plastics industrial and mining pipe (including chemical processing, food processing), CPVC Schedule 80 .....	2002.. 10	X	X	67 594
		1997.. 10	X	X	29 087
3261221535	Plastics industrial and mining pipe (including chemical processing, food processing), other .....	2002.. 49	X	X	407 085
		1997.. 27	X	X	195 514
32612216	Plastics sewer pipe .....	2002.. N	X	X	328 971
		1997.. N	X	X	371 328
3261221641	Plastics sewer pipe .....	2002.. 33	X	X	328 971
		1997.. 42	X	X	371 328

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326122	Plastics pipe and pipe fitting manufacturing—Con.				
3261221	Plastics pipe—Con.				
32612217	Plastics oil and gas pipe .....	2002.. N	X	X	181 166
		1997.. N	X	X	257 819
3261221751	Plastics oil and gas pipe .....	2002.. 11	X	X	181 166
		1997.. 17	X	X	257 819
32612219	Other plastics pipe .....	2002.. N	X	X	190 913
		1997.. N	X	X	399 549
3261221991	Other plastics pipe .....	2002.. 34	X	X	190 913
		1997.. 44	X	X	399 549
3261221Y	Plastics pipe, nsk .....	2002.. N	X	X	187 889
		1997.. N	X	X	77 729
3261221YVW	Plastics pipe, nsk .....	2002.. N	X	X	187 889
		1997.. N	X	X	77 729
3261223	Plastics pipe fittings and unions .....	2002.. N	X	X	561 107
		1997.. N	X	X	673 433
32612231	Plastics pipe fittings and unions .....	2002.. N	X	X	561 107
		1997.. N	X	X	673 433
3261223100	Plastics pipe fittings and unions .....	2002.. 80	X	X	561 107
		1997.. 63	X	X	673 433
326122W	Plastics pipe and pipe fitting manufacturing, total .....	2002.. N	X	X	271 421
		1997.. N	X	X	363 205
326122WY	Plastics pipe and pipe fitting manufacturing, total .....	2002.. N	X	X	271 421
		1997.. N	X	X	363 205
326122WYWW	Plastics pipe and pipe fitting manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	130 309
		1997.. N	X	X	197 195
326122WYWY	Plastics pipe and pipe fitting manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	141 112
		1997.. N	X	X	166 010
326130	Laminated plastics plate, sheet (except packaging), and shape manufacturing .....	2002.. N	X	X	2 317 549
		1997.. N	X	X	3 049 414
3261300	Thermosetting plastics laminates (excluding flexible packaging) .....	2002.. N	X	X	2 317 549
		1997.. N	X	X	3 049 414
32613001	Thermosetting plastics laminates (excluding flexible packaging) .....	2002.. N	X	X	353 595
		1997.. N	X	X	741 952
3261300111	Thermosetting plastics laminates (excluding flexible packaging) .....	2002.. 37	X	X	353 595
		1997.. 31	X	X	741 952
32613002	Thermoplastic plastics laminates (excluding flexible packaging) .....	2002.. N	X	X	877 736
		1997.. N	X	X	315 057
3261300221	Thermoplastic plastics laminates (excluding flexible packaging) .....	2002.. 39	X	X	877 736
		1997.. 38	X	X	315 057
32613003	Other plastics laminates (excluding flexible packaging) .....	2002.. N	X	X	936 411
		1997.. N	X	X	1 664 912
3261300391	Other plastics laminates (excluding flexible packaging) .....	2002.. 76	X	X	936 411
		1997.. 71	X	X	1 664 912
3261300Y	Thermosetting plastics laminates (excluding flexible packaging), nsk, total .....	2002.. N	X	X	149 807
		1997.. N	X	X	327 493
3261300YVW	Thermosetting plastics laminates (excluding flexible packaging), nsk, for nonadministrative-record establishments .....	2002.. N	X	X	82 771
		1997.. N	X	X	126 091
3261300YWY	Thermosetting plastics laminates (excluding flexible packaging), nsk, for administrative-record establishments .....	2002.. N	X	X	67 036
		1997.. N	X	X	201 402
326140	Polystyrene foam product manufacturing .....	2002.. N	X	X	6 039 046
		1997.. N	X	X	5 011 880
3261401	Transportation polystyrene foam products (including seating, dash, and other interior-exterior components) .....	2002.. N	X	X	457 471
		1997.. N	X	X	188 849
32614011	Transportation polystyrene foam products (including seating, dash, and other interior-exterior components) .....	2002.. N	X	X	457 471
		1997.. N	X	X	188 849
3261401100	Transportation polystyrene foam products (including seating, dash, and other interior-exterior components) .....	2002.. 49	X	X	457 471
		1997.. 19	X	X	188 849
3261402	Packaging, polystyrene foam products .....	2002.. N	X	X	1 804 603
		1997.. N	X	X	1 282 519
32614021	Polystyrene foam food containers .....	2002.. N	X	X	976 320
		1997.. N	X	X	538 874
3261402125	Polystyrene foam food containers .....	2002.. 22	X	X	976 320
		1997.. 17	X	X	538 874
32614022	Polystyrene foam protective shipping pads and shaped cushioning and other foam packaging supplies .....	2002.. N	X	X	818 611
		1997.. N	X	X	739 658
3261402255	Polystyrene foam protective shipping pads and shaped cushioning (peanuts, disks, etc.) .....	2002.. 69	X	X	574 021
		1997.. 80	X	X	596 950
3261402295	Other polystyrene foam packaging products .....	2002.. 35	X	X	244 590
		1997.. 37	X	X	142 708
3261402Y	Packaging, polystyrene foam products, nsk .....	2002.. N	X	X	9 672
		1997.. N	X	X	3 987
3261402YVW	Packaging, polystyrene foam products, nsk .....	2002.. N	X	X	9 672
		1997.. N	X	X	3 987
3261403	Building and construction polystyrene foam products .....	2002.. N	X	X	1 033 216
		1997.. N	X	X	909 166

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326140	Polystyrene foam product manufacturing—Con.				
3261403	Building and construction polystyrene foam products—Con.				
32614031	Building and construction polystyrene foam products .....	2002.. N	X	X	994 710
		1997.. N	X	X	909 166
3261403115	Building and construction polystyrene foam insulation (including pipe and block) .....	2002.. 26	X	X	454 834
		1997.. 61	X	X	729 494
3261403195	Other building and construction polystyrene foam products .....	2002.. 60	X	X	539 876
		1997.. 27	X	X	179 672
3261403Y	Building and construction polystyrene foam products, nsk .....	2002.. N	X	X	38 506
		1997.. N	X	X	—
3261403YVW	Building and construction polystyrene foam products, nsk .....	2002.. N	X	X	38 506
		1997.. N	X	X	—
3261404	Furniture and furnishings polystyrene foam products .....	2002.. N	X	X	33 313
		1997.. N	X	X	19 948
32614041	Furniture and furnishings polystyrene foam products .....	2002.. N	X	X	33 313
		1997.. N	X	X	19 948
3261404100	Furniture and furnishings polystyrene foam products .....	2002.. 10	X	X	33 313
		1997.. 8	X	X	19 948
3261405	Consumer and institutional polystyrene foam products .....	2002.. N	X	X	2 194 570
		1997.. N	X	X	2 000 422
32614051	Polystyrene foam cups, consumer and institutional .....	2002.. N	X	X	964 342
		1997.. N	X	X	1 172 771
3261405115	Polystyrene foam cups, consumer and institutional .....	2002.. 17	X	X	964 342
		1997.. 17	X	X	1 172 771
32614052	Other consumer and institutional polystyrene foam products, including foam trays and cooler chests .....	2002.. N	X	X	1 176 869
		1997.. N	X	X	778 866
3261405225	Polystyrene foam plates and bowls, consumer and institutional .....	2002.. 10	X	X	668 750
		1997.. 12	X	X	409 899
3261405235	Polystyrene foam cooler chests, consumer and institutional .....	2002.. 14	X	X	52 622
		1997.. 10	X	X	58 915
3261405245	Polystyrene foam trays, consumer and institutional .....	2002.. 10	X	X	299 626
		1997.. 5	X	X	110 246
3261405295	Other consumer and institutional polystyrene foam products .....	2002.. 27	X	X	155 871
		1997.. 21	X	X	199 806
3261405Y	Consumer and institutional polystyrene foam products, nsk .....	2002.. N	X	X	53 359
		1997.. N	X	X	48 785
3261405YVW	Consumer and institutional polystyrene foam products, nsk .....	2002.. N	X	X	53 359
		1997.. N	X	X	48 785
3261406	Miscellaneous polystyrene foam products .....	2002.. N	X	X	230 332
		1997.. N	X	X	169 913
32614061	All other miscellaneous polystyrene foam products .....	2002.. N	X	X	221 074
		1997.. N	X	X	169 913
3261406115	Electrical and electronic polystyrene foam products .....	2002.. 7	X	X	52 452
		1997.. 8	X	X	4 569
3261406195	Other polystyrene foam products .....	2002.. 27	X	X	168 622
		1997.. 23	X	X	165 344
3261406Y	Miscellaneous polystyrene foam products, nsk .....	2002.. N	X	X	9 258
		1997.. N	X	X	—
3261406YVW	Miscellaneous polystyrene foam products, nsk .....	2002.. N	X	X	9 258
		1997.. N	X	X	—
326140W	Polystyrene foam product manufacturing, nsk, total .....	2002.. N	X	X	285 541
		1997.. N	X	X	441 063
326140WY	Polystyrene foam product manufacturing, nsk, total .....	2002.. N	X	X	285 541
		1997.. N	X	X	441 063
326140WYVW	Polystyrene foam product manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	185 231
		1997.. N	X	X	283 818
326140WYVY	Polystyrene foam product manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	100 310
		1997.. N	X	X	157 245
326150	Urethane and other foam product (except polystyrene) manufacturing .....	2002.. N	X	X	6 817 150
		1997.. N	X	X	6 266 415
3261501	Transportation polyurethane foam products .....	2002.. N	X	X	1 557 017
		1997.. N	X	X	1 274 418
32615011	Transportation polyurethane foam products .....	2002.. N	X	X	1 510 426
		1997.. N	X	X	1 168 215
3261501101	Transportation polyurethane foam products, molded seating .....	2002.. 29	X	X	911 783
		1997.. 16	X	X	474 036
3261501102	Transportation polyurethane foam products, cut slab stock for seating and trim .....	2002.. 17	X	X	105 439
		1997.. 20	X	X	98 494
3261501103	Transportation polyurethane foam products, other molded products including headrest, armrest, etc. ....	2002.. 32	X	X	493 204
		1997.. 30	X	X	595 685
3261501Y	Transportation polyurethane foam products, nsk .....	2002.. N	X	X	46 591
		1997.. N	X	X	106 203
3261501YVW	Transportation polyurethane foam products, nsk .....	2002.. N	X	X	46 591
		1997.. N	X	X	106 203
3261502	Packaging polyurethane foam products .....	2002.. N	X	X	367 911
		1997.. N	X	X	356 025
32615021	Packaging polyurethane foam products .....	2002.. N	X	X	339 737
		1997.. N	X	X	342 491
3261502116	Polyurethane foam protective shipping pads and shaped cushioning (peanuts, disks, etc.) .....	2002.. 42	X	X	109 143
		1997.. 46	X	X	97 964
3261502126	Polyurethane foam food containers .....	2002.. 5	X	X	9 402
		1997.. —	X	X	—
3261502196	Other polyurethane foam packaging products .....	2002.. 31	X	X	221 192

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326150	Urethane and other foam product (except polystyrene) manufacturing—Con.				
3261502	Packaging polyurethane foam products—Con.				
32615021	Packaging polyurethane foam products—Con.				
3261502196	Other polyurethane foam packaging products—Con.				
		1997..	33	X	244 527
		2002..	N	X	28 174
		1997..	N	X	13 534
3261502Y	Packaging polyurethane foam products, nsk .....	2002..	N	X	28 174
		1997..	N	X	13 534
3261502YVV	Packaging polyurethane foam products, nsk .....	2002..	N	X	28 174
		1997..	N	X	13 534
3261503	Building and construction polyurethane foam .....	2002..	N	X	482 271
		1997..	N	X	481 221
32615031	Building and construction polyurethane foam .....	2002..	N	X	475 114
		1997..	N	X	477 424
3261503116	Building and construction polyurethane foam insulation (including pipe and block) .....	2002..	19	X	288 352
		1997..	24	X	287 933
3261503196	Other building and construction polyurethane foam products .....	2002..	31	X	186 762
		1997..	19	X	189 491
3261503Y	Building and construction polyurethane foam, nsk .....	2002..	N	X	7 157
		1997..	N	X	3 797
3261503YVV	Building and construction polyurethane foam, nsk .....	2002..	N	X	7 157
		1997..	N	X	3 797
3261504	Furniture and furnishings polyurethane foam products .....	2002..	N	X	2 517 882
		1997..	N	X	2 257 718
32615041	Polyurethane foam formed and slab stock for pillows, seating, and cushioning .....	2002..	N	X	1 041 097
		1997..	N	X	902 697
3261504110	Polyurethane foam formed and slab stock for pillows, seating, and cushioning .....	2002..	45	X	1 041 097
		1997..	36	X	902 697
32615042	Other polyurethane foam furniture and furnishing products .....	2002..	N	X	1 415 927
		1997..	N	X	1 102 727
3261504215	Polyurethane foam carpet underlay, carpet and rug cushions, prime .....	2002..	14	X	104 727
		1997..	12	X	350 011
3261504216	Polyurethane foam carpet underlay, carpet and rug cushions, bonded .....	2002..	12	X	641 794
		1997..	11	X	289 127
3261504227	Polyurethane foam mattress cores (uncovered only) .....	2002..	11	X	19 726
		1997..	11	X	60 325
3261504228	Polyurethane foam topper pads and quilting rolls .....	2002..	16	X	308 209
		1997..	12	X	77 134
3261504237	Other furniture and furnishings polyurethane foam products .....	2002..	30	X	341 471
		1997..	17	X	326 130
3261504Y	Furniture and furnishings polyurethane foam products, nsk .....	2002..	N	X	60 858
		1997..	N	X	252 294
3261504YVV	Furniture and furnishings polyurethane foam products, nsk .....	2002..	N	X	60 858
		1997..	N	X	252 294
3261505	Consumer and institutional polyurethane foam products .....	2002..	N	X	262 012
		1997..	N	X	198 085
32615051	Other consumer and institutional polyurethane foam products .....	2002..	N	X	262 012
		1997..	N	X	198 085
3261505100	Other consumer and institutional polyurethane foam products .....	2002..	58	X	262 012
		1997..	38	X	198 085
3261506	All other miscellaneous polyurethane foam products .....	2002..	N	X	480 076
		1997..	N	X	358 130
32615061	All other miscellaneous polyurethane foam products .....	2002..	N	X	475 336
		1997..	N	X	351 516
3261506116	Electrical and electronic polyurethane foam products .....	2002..	15	X	173 766
		1997..	33	X	202 276
3261506196	Other polyurethane foam products, including medical, clothing, fillers, diapers, etc. ....	2002..	44	X	301 570
		1997..	26	X	149 240
3261506Y	All other miscellaneous polyurethane foam products, nsk .....	2002..	N	X	4 740
		1997..	N	X	6 614
3261506YVV	All other miscellaneous polyurethane foam products, nsk .....	2002..	N	X	4 740
		1997..	N	X	6 614
3261509	Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc. ....	2002..	N	X	873 167
		1997..	N	X	955 303
32615091	Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc. ....	2002..	N	X	873 167
		1997..	N	X	955 303
3261509100	Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc. ....	2002..	59	X	873 167
		1997..	84	X	955 303
326150W	Urethane and other foam product (except polystyrene) manufacturing, nsk, total .....	2002..	N	X	276 814
		1997..	N	X	385 515
326150WY	Urethane and other foam product (except polystyrene) manufacturing, nsk, total .....	2002..	N	X	276 814
		1997..	N	X	385 515
326150WYVV	Urethane and other foam product (except polystyrene) manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	172 104
		1997..	N	X	219 804
326150WYWY	Urethane and other foam product (except polystyrene) manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	104 710

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326150	Urethane and other foam product (except polystyrene) manufacturing—Con.				
326150W	Urethane and other foam product (except polystyrene) manufacturing, nsk, total—Con.				
326150WY	Urethane and other foam product (except polystyrene) manufacturing, nsk, total—Con.				
326150WYWY	Urethane and other foam product (except polystyrene) manufacturing, nsk, for administrative-record establishments—Con.				
		1997..	N	X	165 711
326160	Plastics bottle manufacturing	2002..	N	X	7 935 789
		1997..	N	X	6 451 880
3261600	Plastics bottles	2002..	N	X	7 935 789
		1997..	N	X	6 451 880
32616001	Plastics bottles	2002..	N	X	7 831 812
		1997..	N	X	6 123 994
3261600100	Plastics bottles	2002..	160	X	7 831 812
		1997..	183	X	6 123 994
3261600Y	Plastics bottles, nsk, total	2002..	N	X	103 977
		1997..	N	X	327 886
3261600YWW	Plastics bottles, nsk, for nonadministrative-record establishments	2002..	N	X	45 930
		1997..	N	X	248 408
3261600YWY	Plastics bottles, nsk, for administrative-record establishments	2002..	N	X	58 047
		1997..	N	X	79 478
326191	Plastics plumbing fixture manufacturing	2002..	N	X	3 142 701
		1997..	N	X	2 249 286
3261910	Plastics plumbing fixtures	2002..	N	X	3 142 701
		1997..	N	X	2 249 286
32619101	Plastics plumbing fixtures	2002..	N	X	2 714 379
		1997..	N	X	2 148 822
3261910111	Plastics plumbing fixtures, plastics laboratories (including cultured marble)	2002..	148	X	441 048
		1997..	N	X	N
3261910121	Plastics plumbing fixtures, plastics bathtubs, including wall surrounds when sold as combined units, not including whirlpool baths, fiberglass (FRP) gel coat	2002..	42	X	477 114
		1997..	N	X	N
3261910122	Plastics plumbing fixtures, plastics bathtubs, including wall surrounds when sold as combined units, not including whirlpool baths, fiberglass (FRP) acrylic (including cultured marble, PVC, and ABS)	2002..	76	X	202 232
		1997..	N	X	N
3261910125	Plastics plumbing fixtures, plastics showers receptors, sold separately	2002..	20	X	78 302
		1997..	N	X	N
3261910131	Plastics plumbing fixtures, plastics showers stalls, including receptors, fiberglass (FRP) gel coat	2002..	27	X	154 906
		1997..	N	X	N
3261910135	Plastics plumbing fixtures, all other plastics shower stalls, including fiberglass (FRP) acrylic and other plastics	2002..	25	X	46 539
		1997..	N	X	N
3261910141	Plastics plumbing fixtures, plastics wall surrounds, sold as separate units (including showers, and bathtubs)	2002..	40	X	66 368
		1997..	N	X	N
3261910146	Plastics plumbing fixtures, plastics whirlpool baths, not spas or hot tubs (noninstitutional), fiberglass (FRP) acrylic	2002..	30	X	279 057
		1997..	N	X	N
3261910148	Plastics plumbing fixtures, plastics whirlpool baths, not spas or hot tubs (noninstitutional), other (including fiberglass (FRP) gel coat and cultured marble)	2002..	37	X	95 498
		1997..	N	X	N
3261910151	Plastics plumbing fixtures, hot tubs and spas (noninstitutional), all materials (including fiberglass (FRP) acrylic, cultured marble, and other plastics)	2002..	35	X	602 337
		1997..	N	X	N
3261910155	Plastics plumbing fixtures, all other plastics plumbing fixtures (including water closet bowls, sinks, bidets, etc.)	2002..	87	X	270 978
		1997..	N	X	N
3261910Y	Plastics plumbing fixtures, nsk, total	2002..	N	X	428 322
		1997..	N	X	100 464
3261910YWW	Plastics plumbing fixture, nsk, for nonadministrative-record establishments	2002..	N	X	375 759
		1997..	N	X	-
3261910YWY	Plastics plumbing fixture, nsk, for administrative-record establishments	2002..	N	X	52 563
		1997..	N	X	100 464
326192	Resilient floor covering manufacturing	2002..	N	X	1 529 385
		1997..	N	X	1 647 203
3261920	Resilient floor coverings	2002..	N	X	1 529 385
		1997..	N	X	1 647 203
32619201	Resilient floor coverings	2002..	N	X	1 496 617
		1997..	N	X	1 609 552
3261920110	Resilient floor covering, sheet flooring, including vinyl and rubber	2002..	18	X	865 483
		1997..	10	X	810 885
3261920120	Resilient floor covering, tile, including vinyl, vinyl composition, plain and adhesive backed, no-wax, rubber, etc.	2002..	19	X	631 134
		1997..	11	X	798 667
3261920Y	Resilient floor coverings, nsk, total	2002..	N	X	32 768
		1997..	N	X	37 651
3261920YWW	Resilient floor coverings, nsk, for nonadministrative-record establishments	2002..	N	X	3 866
		1997..	N	X	25 491

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326192	Resilient floor covering manufacturing—Con.				
3261920	Resilient floor coverings—Con.				
3261920Y	Resilient floor coverings, nsk, total—Con.				
3261920YWY	Resilient floor coverings, nsk, for administrative-record establishments .....	2002.. N	X	X	28 902
		1997.. N	X	X	12 160
326199	All other plastics product manufacturing .....	2002.. N	X	X	70 635 052
		1997.. N	X	X	61 936 258
3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics) .....	2002.. N	X	X	15 297 665
		1997.. N	X	X	12 906 473
32619911	Transportation fabricated plastics products (excluding foam and reinforced plastics) .....	2002.. N	X	X	14 702 279
		1997.. N	X	X	11 851 135
3261991111	Fabricated plastics components, housings, accessories, and parts for motor vehicles (excluding foam and reinforced plastics) .....	2002.. 526	X	X	13 040 236
		1997.. 725	X	X	10 576 165
3261991121	Fabricated plastics components, housings, accessories, and parts for aircraft, space equipment and missiles (excluding foam and reinforced plastics) .....	2002.. 102	X	X	722 330
		1997.. 123	X	X	546 500
3261991131	Other fabricated plastics components, housings, accessories, and parts for other transportation equipment (excluding foam and reinforced plastics) .....	2002.. 139	X	X	939 713
		1997.. 225	X	X	728 470
3261991Y	Transportation fabricated plastics products (excluding foam and reinforced plastics), nsk .....	2002.. N	X	X	595 386
		1997.. N	X	X	1 055 338
3261991YWV	Transportation fabricated plastics products (excluding foam and reinforced plastics), nsk .....	2002.. N	X	X	595 386
		1997.. N	X	X	1 055 338
3261992	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics) .....	2002.. N	X	X	4 426 454
		1997.. N	X	X	5 285 347
32619921	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics) .....	2002.. N	X	X	4 054 157
		1997.. N	X	X	4 709 357
3261992111	Electrical and electronic fabricated plastics products for office, computing and accounting machines, cash registers, and data processing machines (excluding foam and reinforced plastics) .....	2002.. 155	X	X	1 219 552
		1997.. 264	X	X	1 092 611
3261992121	Electrical and electronic fabricated plastics products for household and commercial appliances (excluding foam and reinforced plastics) .....	2002.. 186	X	X	1 248 164
		1997.. 301	X	X	1 395 552
3261992131	Electrical and electronic fabricated plastics products for communications equipment (excluding foam and reinforced plastics) .....	2002.. 115	X	X	486 186
		1997.. 190	X	X	641 629
3261992191	Other electrical and electronic fabricated plastics products, including wiring devices and parts (excluding foam and reinforced plastics) .....	2002.. 285	X	X	1 100 255
		1997.. 437	X	X	1 579 565
3261992Y	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics), nsk .....	2002.. N	X	X	372 297
		1997.. N	X	X	575 990
3261992YWV	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics), nsk .....	2002.. N	X	X	372 297
		1997.. N	X	X	575 990
3261993	Industrial machinery plastics products, excluding foam (including gears, bearings, bushings, cams, and other components) .....	2002.. N	X	X	1 362 635
		1997.. N	X	X	1 275 735
32619931	Industrial machinery plastics products, excluding foam (including gears, bearings, bushings, cams, and other components) .....	2002.. N	X	X	1 362 635
		1997.. N	X	X	1 275 735
3261993100	Industrial machinery plastics products, excluding foam (including gears, bearings, bushings, cams, and other components) .....	2002.. 271	X	X	1 362 635
		1997.. 498	X	X	1 275 735
3261994	Plastics packaging (excluding film and sheet, foam, and bottles) .....	2002.. N	X	X	9 073 403
		1997.. N	X	X	8 369 157
32619941	Plastics packaging (excluding film and sheet, foam, and bottles) .....	2002.. N	X	X	8 452 041
		1997.. N	X	X	7 654 134
3261994111	Plastics pails and drums, more than 3 gallons .....	2002.. 72	X	X	1 546 506
		1997.. 56	X	X	1 146 746
3261994115	Plastics tubs (for food products) .....	2002.. 34	X	X	946 827
		1997.. 37	X	X	575 217
3261994121	Plastics jars (for toilet goods, cosmetics, and food products) .....	2002.. 27	X	X	313 446
		1997.. 43	X	X	228 957
3261994125	Plastics blister and bubble formed packaging .....	2002.. 43	X	X	410 729
		1997.. 63	X	X	279 272
3261994131	Plastics shipping boxes and cases .....	2002.. 62	X	X	438 946
		1997.. 75	X	X	460 293
3261994135	Plastics food trays (baskets, shipping boxes, and cases) (excluding foam) .....	2002.. 49	X	X	551 705
		1997.. 62	X	X	582 454
3261994141	Plastics pallets .....	2002.. 32	X	X	201 816
		1997.. 32	X	X	156 138
3261994145	Plastics closures, nonpressure, child-resistant, for prescription products .....	2002.. 10	X	X	137 376
		1997.. 10	X	X	86 093

See footnotes at end of table.

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[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326199	All other plastics product manufacturing—Con.				
3261994	Plastics packaging (excluding film and sheet, foam, and bottles)—Con.				
32619941	Plastics packaging (excluding film and sheet, foam, and bottles)—Con.				
3261994151	All other plastics closures, nonpressure, including nonprescription .....	2002.. 26 1997.. 20	X X	X X	195 280 189 189
3261994155	Plastics closures, nonpressure and nonchild-resistant, including dispensing and nondispensing .....	2002.. 47 1997.. 60	X X	X X	786 661 914 478
3261994161	Plastics closures for glass, metal, or plastics pressure containers .....	2002.. 44 1997.. 62	X X	X X	900 107 595 744
3261994191	Other plastics packaging .....	2002.. 151 1997.. 226	X X	X X	2 022 642 2 439 553
3261994Y	Plastics packaging (excluding film and sheet, foam, and bottles), nsk .....	2002.. N 1997.. N	X X	X X	621 362 715 023
3261994YVV	Plastics packaging (excluding film and sheet, foam, and bottles), nsk .....	2002.. N 1997.. N	X X	X X	621 362 715 023
3261995	Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups) .....	2002.. N 1997.. N	X X	X X	2 131 191 1 676 248
32619951	Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups) .....	2002.. N 1997.. N	X X	X X	2 059 097 1 549 717
3261995111	Plastics dinnerware and tableware .....	2002.. 57 1997.. 57	X X	X X	1 261 639 877 681
3261995121	Plastics kitchenware .....	2002.. 41 1997.. 64	X X	X X	648 577 609 169
3261995131	Plastics oven/microwave ware (for use in conventional and microwave ovens) .....	2002.. 18 1997.. 14	X X	X X	148 881 62 867
3261995Y	Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups), nsk .....	2002.. N 1997.. N	X X	X X	72 094 126 531
3261995YVV	Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups), nsk .....	2002.. N 1997.. N	X X	X X	72 094 126 531
326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated) .....	2002.. N 1997.. N	X X	X X	16 344 984 N
326199B1	Plastics furniture components and furnishings (excluding foam and reinforced plastics) .....	2002.. N 1997.. N	X X	X X	15 491 498 N
326199B111	Plastics cups (vending machines, over-the-counter, carryout, etc.) (excluding foam) .....	2002.. 123 1997.. N	X X	X X	3 744 316 N
326199B115	Plastics sinkware (flatware, dish drainers, drainer trays and mats, sink mats, sink strainers, dustpans, soapdishes, etc.) (excluding foam and wire coated) .....	2002.. 18 1997.. N	X X	X X	274 174 N
326199B121	Plastics bathware (shower and bath caddies, shower and bathmats, tissue holders, toothbrush holders, toilet bowl brushes, etc.) (excluding foam and wire coated) .....	2002.. 33 1997.. N	X X	X X	213 666 N
326199B125	Plastics utility containers (buckets, pails, laundry baskets, vegetable bins, dishpans, etc.) (excluding foam) .....	2002.. 64 1997.. N	X X	X X	712 810 N
326199B131	Plastics organizers and holders for closets, drawers, and shelves (paper towel holders, dust mop and broom holders, etc.) (excluding foam and wire coated) .....	2002.. 56 1997.. N	X X	X X	691 552 N
326199B135	Plastics wastebaskets (excluding foam) .....	2002.. 22 1997.. N	X X	X X	198 095 N
326199B141	Plastics garbage and trash containers (excluding trash bags) (excluding foam) .....	2002.. 37 1997.. N	X X	X X	528 600 N
326199B145	Plastics grower flowerpots and accessories (excluding foam and wire coated) .....	2002.. 30 1997.. N	X X	X X	224 611 N
326199B151	Plastics decorative flowerpots, flower boxes, planters, and accessories (excluding foam and wire coated) .....	2002.. 42 1997.. N	X X	X X	151 200 N
326199B155	Plastics picnic jugs, cooler chests, and ice buckets (excluding foam) .....	2002.. 18 1997.. N	X X	X X	463 936 N
326199B161	Plastics hardware (clamps, handles, hinges, locks, casters, knobs, nails, etc.) (excluding foam and wire coated) .....	2002.. 93 1997.. N	X X	X X	402 775 N
326199B165	Plastics hospitalware (pitchers, wash basins, trays, bedpans, etc.) (excluding foam and wire coated) .....	2002.. 67 1997.. N	X X	X X	386 702 N
326199B171	Plastics laboratory ware (petri dishes, flasks, funnels, etc.) (excluding foam and wire coated) .....	2002.. 69 1997.. N	X X	X X	484 053 N
326199B175	Plastics individual packing boxes and cases for consumer products (excluding foam) .....	2002.. 46 1997.. N	X X	X X	325 504 N
326199B181	Plastics sponges and scrubbing pads (excluding foam) .....	2002.. 17 1997.. N	X X	X X	67 963 N
326199B185	Other consumer, institutional, and commercial plastics products (excluding foam and wire coated) .....	2002.. 746 1997.. N	X X	X X	6 616 621 N
326199B186	Plastics lamp shades .....	2002.. 6 1997.. N	X X	X X	4 920 N

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326199	All other plastics product manufacturing—Con.				
326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)—Con.				
326199BY	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated), nsk	2002.. N	X	X	853 486
		1997.. N	X	X	N
326199BYWV	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated), nsk	2002.. N	X	X	853 486
		1997.. N	X	X	N
3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	2002.. N	X	X	9 409 251
		1997.. N	X	X	6 995 294
32619981	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	2002.. N	X	X	9 085 829
		1997.. N	X	X	6 893 416
3261998111	Plastics corrugated and flat panels (excluding foam and reinforced plastics)	2002.. 37	X	X	519 182
		1997.. 31	X	X	176 354
3261998131	Plastics doors, partitions, moldings, windows and frames, and decorative trim (excluding foam, hardware, and reinforced plastics)	2002.. 286	X	X	4 693 815
		1997.. 381	X	X	3 348 619
3261998141	Plastics siding and accessories (including soffit, fascia, and skirts) (excluding foam and reinforced plastics)	2002.. 28	X	X	1 602 847
		1997.. 49	X	X	1 569 172
3261998152	Building and construction plastics fittings and unions, other than pipe (excluding foam, plumbing fixtures, hardware, and reinforced plastics)	2002.. 43	X	X	324 402
		1997.. 40	X	X	253 478
3261998171	Plastics wall and counter coverings, including wall and ceiling tile (excluding foam and reinforced plastics)	2002.. 276	X	X	618 766
		1997.. 93	X	X	249 717
3261998181	Plastics swimming pool liners and covers (excluding foam and reinforced plastics)	2002.. 29	X	X	137 473
		1997.. 24	X	X	81 975
3261998191	Other building and construction plastics products (excluding foam and reinforced plastics)	2002.. 183	X	X	1 189 344
		1997.. 285	X	X	1 214 101
3261998Y	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics), nsk	2002.. N	X	X	323 422
		1997.. N	X	X	101 878
3261998YWV	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics), nsk	2002.. N	X	X	323 422
		1997.. N	X	X	101 878
3261999	Plastics shoe products, including taps, soling slabs, and quarterlinings	2002.. N	X	X	145 974
		1997.. N	X	X	189 826
32619991	Plastics shoe products, including taps, soling slabs, and quarterlinings	2002.. N	X	X	145 974
		1997.. N	X	X	189 826
3261999100	Plastics shoe products, including taps, soling slabs, and quarterlinings	2002.. 15	X	X	145 974
		1997.. 21	X	X	189 826
326199A	All other reinforced and fiberglass plastics products	2002.. N	X	X	5 348 806
		1997.. N	X	X	4 960 629
326199A1	Reinforced and fiberglass plastics products	2002.. N	X	X	5 084 245
		1997.. N	X	X	4 272 117
326199A111	Transportation reinforced and fiberglass plastics products	2002.. 143	X	X	1 263 773
		1997.. 126	X	X	1 302 893
326199A121	Electrical and electronic reinforced and fiberglass plastics products	2002.. 83	X	X	573 874
		1997.. 109	X	X	722 374
326199A131	Building and construction reinforced and fiberglass plastics products	2002.. 119	X	X	922 700
		1997.. 122	X	X	874 164
326199A141	Other fabricated fiberglass and reinforced products (excluding furniture)	2002.. 262	X	X	2 323 898
		1997.. 327	X	X	1 372 686
326199AY	All other reinforced and fiberglass plastics products, nsk	2002.. N	X	X	264 561
		1997.. N	X	X	688 512
326199AYWV	All other reinforced and fiberglass plastics products, nsk	2002.. N	X	X	264 561
		1997.. N	X	X	688 512
326199W	All other plastics product manufacturing, nsk, total	2002.. N	X	X	7 094 689
		1997.. N	X	X	6 407 900
326199WY	All other plastics product manufacturing, nsk, total	2002.. N	X	X	7 094 689
		1997.. N	X	X	6 407 900
326199WYWW	All other plastics product manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	5 068 943
		1997.. N	X	X	5 520 234
326199WYWY	All other plastics product manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	2 025 746
		1997.. N	X	X	887 666
326211	Tire manufacturing (except retreading)	2002.. N	X	X	12 789 899
		1997.. N	X	X	14 326 101
3262111	Passenger car pneumatic tires (casings)	2002.. N	X	X	6 240 162
		1997.. N	X	X	6 677 438
32621111	Passenger car pneumatic tires (casings)	2002.. N	X	X	6 240 162
		1997.. N	X	X	6 665 420
3262111112	Radial passenger car pneumatic tires (casings) .. millions	2002.. 9	X	189.1	6 169 565
		1997.. 11	X	202.1	6 597 684
3262111115	Other passenger car pneumatic tires (casings) .. millions	2002.. 9	X	S	70 597
		1997.. 8	X	S	67 736
3262111Y	Passenger car pneumatic tires (casings), nsk	2002.. N	X	X	-

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326211	Tire manufacturing (except retreading)—Con.				
3262111	Passenger car pneumatic tires (casings)—Con.				
3262111Y	Passenger car pneumatic tires (casings), nsk—Con.				
3262111YWV	Passenger car pneumatic tires (casings), nsk	1997.. N	X	X	12 018
		2002.. N	X	X	—
		1997.. N	X	X	12 018
3262113	Truck and bus (including off-the-highway pneumatic tires)	2002.. N	X	X	4 440 885
		1997.. N	X	X	5 157 561
32621131	Light truck (including off-the-highway) radial pneumatic tires	2002.. N	X	X	2 427 081
		1997.. N	X	X	2 267 947
3262113111	Light truck (including off-the-highway) radial pneumatic tires	millions.. 2002.. 10	X	45.5	2 427 081
		1997.. 10	X	42.5	2 267 947
32621132	Other truck and bus pneumatic tires	2002.. N	X	X	2 013 804
		1997.. N	X	X	2 832 612
3262113212	Other light truck (including off-the-highway) pneumatic tires	millions.. 2002.. 6	X	4	35 326
		1997.. 5	X	D	D
3262113221	Large off-the-highway (sizes 16.00 inches and larger) radial pneumatic tires	2002.. 6	X	X	471 538
		1997.. 4	X	X	320 100
3262113222	Other large off-the-highway (sizes 16.00 inches and larger) pneumatic tires	2002.. 4	X	X	D
		1997.. 4	X	X	D
3262113231	Other truck and bus radial pneumatic tires	2002.. 4	X	X	1 417 471
		1997.. 4	X	X	2 168 637
3262113232	Other truck and bus pneumatic tires	2002.. 9	X	X	D
		1997.. 2	X	X	D
3262113Y	Truck and bus (including off-the-highway pneumatic tires), nsk	2002.. N	X	X	—
		1997.. N	X	X	57 002
3262113YWV	Truck and bus (including off-the-highway pneumatic tires), nsk	2002.. N	X	X	—
		1997.. N	X	X	57 002
3262117	Tractor and implement (farm and industrial) pneumatic tires	2002.. N	X	X	492 224
		1997.. N	X	X	807 777
32621171	Tractor and implement (farm and industrial) pneumatic tires	2002.. N	X	X	492 224
		1997.. N	X	X	807 777
3262117100	Tractor and implement (farm and industrial) pneumatic tires	millions.. 2002.. 9	X	3.9	492 224
		1997.. 7	X	6.2	807 777
3262119	Industrial and utility pneumatic tires (including garden)	2002.. N	X	X	234 814
		1997.. N	X	X	190 015
32621191	Industrial and utility pneumatic tires (including garden)	2002.. N	X	X	234 814
		1997.. N	X	X	190 015
3262119100	Industrial and utility pneumatic tires (including garden)	millions.. 2002.. 7	X	10.6	234 814
		1997.. 3	X	S	190 015
326211B	Other pneumatic tires and casing including motor bike, motorcycle, moped, bicycle, aircraft, and mobile home	2002.. N	X	X	237 739
		1997.. N	X	X	200 260
326211B1	Other pneumatic tires and casing including motor bike, motorcycle, moped, bicycle, aircraft, and mobile home	2002.. N	X	X	237 739
		1997.. N	X	X	200 260
326211B100	Other pneumatic tires and casing including motor bike, motorcycle, moped, bicycle, aircraft, and mobile home	2002.. 7	X	X	237 739
		1997.. 10	X	X	200 260
326211D	Solid and semipneumatic tires	2002.. N	X	X	D
		1997.. N	X	X	169 779
326211D1	Solid and semipneumatic tires	2002.. N	X	X	D
		1997.. N	X	X	169 779
326211D139	Solid tires (industrial, highway, bogie, idler, and support rollers)	millions.. 2002.. 4	X	D	D
		1997.. 7	X	S	88 535
326211D152	Other solid and semipneumatic tires (including hand lawn mower, baby carriage, tricycle, juvenile, etc.)	2002.. 7	X	X	D
		1997.. 5	X	X	81 244
326211DY	Solid and semipneumatic tires, nsk	2002.. N	X	X	1 006
		1997.. N	X	X	—
326211DYWV	Solid and semipneumatic tires, nsk	2002.. N	X	X	1 006
		1997.. N	X	X	—
326211F	Inner tubes	2002.. N	X	X	D
		1997.. N	X	X	144 418
326211F1	Inner tubes	2002.. N	X	X	D
		1997.. N	X	X	144 418
326211F121	Passenger car and motorcycle inner tubes	millions.. 2002.. 2	X	D	D
		1997.. 5	X	S	35 677
326211F123	Truck and bus inner tubes (including off-the-highway)	millions.. 2002.. 2	X	D	D
		1997.. 3	X	6.4	56 706
326211F127	All other inner tubes (including tractor and implement (farm and industrial) aircraft, industrial, utility, garden and bicycle)	2002.. 2	X	X	D
		1997.. 5	X	X	52 035
326211FY	Inner tubes, nsk	2002.. N	X	X	11 096
		1997.. N	X	X	—
326211FYWV	Inner tubes, nsk	2002.. N	X	X	11 096
		1997.. N	X	X	—
326211H	Tread rubber, tire sundries, and repair materials	2002.. N	X	X	721 242
		1997.. N	X	X	870 252
326211H1	Tread rubber (camelback) (including slab rubber for use in automatic tread rubber extruding machines)	2002.. N	X	X	183 942
		1997.. N	X	X	687 249
326211H111	Tread rubber (camelback) (including slab rubber for use in automatic tread rubber extruding machines)	2002.. 8	X	X	183 942
		1997.. 11	X	X	687 249
326211H2	Tire flaps and other tire sundries	2002.. N	X	X	531 618

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326211	Tire manufacturing (except retreading)—Con.				
326211H	Tread rubber, tire sundries, and repair materials—Con.				
326211H2	Tire flaps and other tire sundries—Con.				
		1997..	N	X	183 003
326211H231	Tire flaps .....	2002..	2	X	D
		1997..	3	X	4 806
326211H239	Other tire sundries, repair materials, and tiring .....	2002..	22	X	D
		1997..	12	X	178 197
326211HY	Tread rubber, tire sundries, and repair materials, nsk .....	2002..	N	X	5 682
		1997..	N	X	—
326211HYWV	Tread rubber, tire sundries, and repair materials, nsk .....	2002..	N	X	5 682
		1997..	N	X	—
326211W	Tires manufacturing (except retreading), nsk, total .....	2002..	N	X	172 650
		1997..	N	X	108 601
326211WY	Tires manufacturing (except retreading), nsk, total .....	2002..	N	X	172 650
		1997..	N	X	108 601
326211WYWW	Tires manufacturing (except retreading), nsk, for nonadministrative-record establishments .....	2002..	N	X	127 311
		1997..	N	X	60 084
326211WYWY	Tires manufacturing (except retreading), nsk, for administrative-record establishments .....	2002..	N	X	45 339
		1997..	N	X	48 517
326212	Tire retreading .....	2002..	N	X	854 104
		1997..	N	X	785 747
3262120	Tire rebuilding and retreading .....	2002..	N	X	854 104
		1997..	N	X	785 747
32621201	Tire rebuilding and retreading .....	2002..	N	X	615 557
		1997..	N	X	662 608
3262120100	Tire rebuilding and retreading .....	2002..	149	X	615 557
		1997..	215	X	662 608
3262120Y	Tire rebuilding and retreading, nsk, total .....	2002..	N	X	238 547
		1997..	N	X	123 139
3262120YWW	Tire rebuilding and retreading, nsk, for nonadministrative-record establishments .....	2002..	N	X	209 163
		1997..	N	X	71 932
3262120YWY	Tire rebuilding and retreading, nsk, for administrative-record establishments .....	2002..	N	X	29 384
		1997..	N	X	51 207
326220	Rubber and plastics hoses and belting manufacturing .....	2002..	N	X	3 895 246
		1997..	N	X	3 893 536
3262201	Flat rubber and plastics belts and belting .....	2002..	N	X	645 137
		1997..	N	X	611 106
32622011	Flat rubber and plastics belts and belting .....	2002..	N	X	632 025
		1997..	N	X	604 988
3262201141	Lightweight flat rubber and plastics belts and belting .....	2002..	23	X	225 138
		1997..	23	X	235 070
3262201143	Heavy duty flat rubber and plastics belts and belting .....	2002..	18	X	286 701
		1997..	15	X	248 064
3262201151	Other flat rubber and plastics belts and belting, including transmission .....	2002..	20	X	120 186
		1997..	17	X	121 854
3262201Y	Flat rubber and plastics belts and belting, nsk .....	2002..	N	X	13 112
		1997..	N	X	6 118
3262201YWV	Flat rubber and plastics belts and belting, nsk .....	2002..	N	X	13 112
		1997..	N	X	6 118
3262202	Rubber and plastics transmission belts and belting other than flat .....	2002..	N	X	768 744
		1997..	N	X	813 666
32622021	Motor vehicle rubber and plastics transmission belts and belting other than flat .....	2002..	N	X	338 765
		1997..	N	X	408 865
3262202125	Motor vehicle rubber and plastics transmission belts and belting other than flat .....	2002..	6	X	338 765
		1997..	6	X	408 865
32622022	All other rubber and plastics belts and belting other than flat .....	2002..	N	X	411 199
		1997..	N	X	399 221
3262202231	Industrial (excluding fractional horsepower) rubber and plastics transmission belts and belting other than flat .....	2002..	12	X	304 395
		1997..	11	X	297 268
3262202245	All other rubber and plastics belts and belting, including agricultural and fractional horsepower, other than flat .....	2002..	16	X	106 804
		1997..	14	X	101 953
3262202Y	Rubber and plastics transmission belts and belting other than flat, nsk .....	2002..	N	X	18 780
		1997..	N	X	5 580
3262202YWV	Rubber and plastics transmission belts and belting other than flat, nsk .....	2002..	N	X	18 780
		1997..	N	X	5 580
3262203	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon) .....	2002..	N	X	835 074
		1997..	N	X	948 356
32622031	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon) .....	2002..	N	X	835 074
		1997..	N	X	948 356
3262203101	High-pressure rubber and plastics hose (greater than 300 PSI working pressure), including air-conditioning, brake line, power steering hose for on-highway vehicles only, and other motor vehicle hoses .....	2002..	16	X	393 167
		1997..	15	X	345 348
3262203105	Low-pressure rubber and plastics hose (less than 300 psi working pressure), including value of pre-positioned sleeves, clamps, etc. ....	2002..	18	X	441 907
		1997..	16	X	603 008
3262203Y	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon), nsk .....	2002..	N	X	—

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
326220	Rubber and plastics hoses and belting manufacturing—Con.					
3262203	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon)—Con.					
3262203Y	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon), nsk—Con.					
		1997..	N	X	X	—
3262203YVW	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon), nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
3262204	Industrial rubber and plastics hose without fittings (acid and chemical handling, food and beverage, petroleum curb pump, dock, transfer, and other industrial hose) .....	2002..	N	X	X	547 429
		1997..	N	X	X	453 363
32622041	Industrial rubber and plastics hose without fittings (acid and chemical handling, food and beverage, petroleum curb pump, dock, transfer, and other industrial hose) .....	2002..	N	X	X	547 429
		1997..	N	X	X	453 363
3262204100	Industrial rubber and plastics hose without fittings (acid and chemical handling, food and beverage, petroleum curb pump, dock, transfer, and other industrial hose) .....	2002..	33	X	X	547 429
		1997..	38	X	X	453 363
3262205	Rubber and plastics water hose (including fire, irrigation, water suction-discharge, and other water hose) .....	2002..	N	X	X	170 411
		1997..	N	X	X	136 684
32622051	Rubber and plastics water hose (including fire, irrigation, water suction-discharge, and other water hose) .....	2002..	N	X	X	170 411
		1997..	N	X	X	136 684
3262205100	Rubber and plastics water hose (including fire, irrigation, water suction-discharge, and other water hose) .....	2002..	27	X	X	170 411
		1997..	17	X	X	136 684
3262206	Rubber and plastics garden hose (with or without fittings) .....	2002..	N	X	X	349 074
		1997..	N	X	X	229 985
32622061	Rubber and plastics garden hose (with or without fittings) .....	2002..	N	X	X	349 068
		1997..	N	X	X	229 985
3262206101	Plastics, garden hose, with or without fittings, including perforated sprinkler .....	2002..	6	X	X	291 523
		1997..	6	X	X	194 586
3262206105	Rubber, garden hose, with or without fittings .....	2002..	8	X	X	57 545
		1997..	6	X	X	35 399
3262206Y	Rubber and plastics garden hose (with or without fittings), nsk .....	2002..	N	X	X	6
		1997..	N	X	X	—
3262206YVW	Rubber and plastics garden hose (with or without fittings), nsk .....	2002..	N	X	X	6
		1997..	N	X	X	—
3262207	Rubber and plastics inner tube type air hose (other than pneumatic power transfer) .....	2002..	N	X	X	84 063
		1997..	N	X	X	108 426
32622071	Rubber and plastics inner tube type air hose (other than pneumatic power transfer) .....	2002..	N	X	X	83 437
		1997..	N	X	X	108 426
3262207125	Rubber inner tube type air hose, including rubber and plastics combinations, (other than pneumatic power transfer) .....	2002..	8	X	X	30 027
		1997..	9	X	X	50 561
3262207145	Nonrubber inner tube type air hose (other than pneumatic power transfer) .....	2002..	6	X	X	53 410
		1997..	8	X	X	57 865
3262207Y	Rubber and plastics inner tube type air hose (other than pneumatic power transfer), nsk .....	2002..	N	X	X	626
		1997..	N	X	X	—
3262207YVW	Rubber and plastics inner tube type air hose (other than pneumatic power transfer), nsk .....	2002..	N	X	X	626
		1997..	N	X	X	—
3262208	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.) .....	2002..	N	X	X	332 285
		1997..	N	X	X	496 526
32622081	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.) .....	2002..	N	X	X	317 875
		1997..	N	X	X	472 603
3262208125	Rubber inner tube type pneumatic and hydraulic hose without fittings (including rubber and plastics combinations) .....	2002..	11	X	X	D
		1997..	13	X	X	435 441
3262208145	Nonrubber inner tube type pneumatic and hydraulic hose, without fittings .....	2002..	3	X	X	D
		1997..	9	X	X	37 162
3262208Y	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.), nsk .....	2002..	N	X	X	14 410
		1997..	N	X	X	23 923
3262208YVW	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.), nsk .....	2002..	N	X	X	14 410
		1997..	N	X	X	23 923
326220W	Rubber and plastics hoses and belting manufacturing, nsk, total .....	2002..	N	X	X	163 029
		1997..	N	X	X	95 424
326220WY	Rubber and plastics hoses and belting manufacturing, nsk, total .....	2002..	N	X	X	163 029
		1997..	N	X	X	95 424
326220WYVW	Rubber and plastics hoses and belting manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	89 745
		1997..	N	X	X	52 457

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326220	Rubber and plastics hoses and belting manufacturing—Con.				
326220W	Rubber and plastics hoses and belting manufacturing, nsk, total—Con.				
326220WY	Rubber and plastics hoses and belting manufacturing, nsk, total—Con.				
326220WYWY	Rubber and plastics hoses and belting manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	73 284
		1997.. N	X	X	42 967
326291	Rubber product manufacturing for mechanical use .....	2002.. N	X	X	6 872 255
		1997.. N	X	X	6 247 657
3262911	Molded rubber mechanical goods automotive .....	2002.. N	X	X	3 132 736
		1997.. N	X	X	2 288 382
32629111	Molded rubber mechanical goods automotive .....	2002.. N	X	X	3 132 736
		1997.. N	X	X	2 288 382
3262911100	Molded rubber mechanical goods automotive .....	2002.. 117	X	X	3 132 736
		1997.. 157	X	X	2 288 382
3262912	Molded rubber menchanial goods, transportation (excluding automotive) and off-highway machinery and equipment .....	2002.. N	X	X	630 616
		1997.. N	X	X	547 974
32629121	Molded rubber menchanial goods, transportation (excluding automotive) and off-highway machinery and equipment .....	2002.. N	X	X	630 616
		1997.. N	X	X	547 974
3262912100	Molded rubber menchanial goods, transportation (excluding automotive) and off-highway machinery and equipment .....	2002.. 80	X	X	630 616
		1997.. 116	X	X	547 974
3262913	Other molded rubber mechancial goods .....	2002.. N	X	X	1 066 940
		1997.. N	X	X	1 240 962
32629131	Other molded rubber mechancial goods .....	2002.. N	X	X	1 066 940
		1997.. N	X	X	1 240 962
3262913100	Other molded rubber mechancial goods .....	2002.. 212	X	X	1 066 940
		1997.. 272	X	X	1 240 962
3262914	Extruded rubber mechanical goods, automotive, excluding tubing .....	2002.. N	X	X	1 116 982
		1997.. N	X	X	1 225 339
32629141	Extruded rubber mechanical goods, automotive, excluding tubing .....	2002.. N	X	X	1 116 982
		1997.. N	X	X	1 225 339
3262914100	Extruded rubber mechanical goods, automotive, excluding tubing .....	2002.. 32	X	X	1 116 982
		1997.. 55	X	X	1 225 339
3262915	Other extruded rubber mechanical goods (excluding automotive) .....	2002.. N	X	X	412 021
		1997.. N	X	X	528 983
32629151	Other extruded rubber mechanical goods (excluding automotive) .....	2002.. N	X	X	412 021
		1997.. N	X	X	528 983
3262915100	Other extruded rubber mechanical goods (excluding automotive) .....	2002.. 81	X	X	412 021
		1997.. 104	X	X	528 983
3262916	Lathe-cut rubber mechanical goods, automotive and transportation (including on- and off-road, and gasoline and diesel equipment) .....	2002.. N	X	X	53 607
		1997.. N	X	X	104 622
32629161	Lathe-cut rubber mechanical goods, automotive and transportation (including on- and off-road, and gasoline and diesel equipment) .....	2002.. N	X	X	53 607
		1997.. N	X	X	104 622
3262916100	Lathe-cut rubber mechanical goods, automotive and transportation (including on- and off-road, and gasoline and diesel equipment) .....	2002.. 10	X	X	53 607
		1997.. 15	X	X	104 622
3262917	Other lathe-cut rubber mechanical goods (excluding automotive and transportation) .....	2002.. N	X	X	84 208
		1997.. N	X	X	87 325
32629171	Other lathe-cut rubber mechanical goods (excluding automotive and transportation) .....	2002.. N	X	X	84 208
		1997.. N	X	X	87 325
3262917100	Other lathe-cut rubber mechanical goods (excluding automotive and transportation) .....	2002.. 25	X	X	84 208
		1997.. 30	X	X	87 325
326291W	Rubber product manufacturing for mechanical use, nsk, total .....	2002.. N	X	X	375 145
		1997.. N	X	X	224 070
326291WY	Rubber product manufacturing for mechanical use, nsk, total .....	2002.. N	X	X	375 145
		1997.. N	X	X	224 070
326291WYWW	Rubber product manufacturing for mechanical use, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	235 615
		1997.. N	X	X	63 544
326291WYWY	Rubber product manufacturing for mechanical use, nsk, for administrative-record establishments .....	2002.. N	X	X	139 530
		1997.. N	X	X	160 526
326299	All other rubber product manufacturing .....	2002.. N	X	X	6 278 143
		1997.. N	X	X	7 788 382
3262991	Rubber sponge, expanded and foam rubber products .....	2002.. N	X	X	785 221
		1997.. N	X	X	1 183 712
32629911	Latex foam products .....	2002.. N	X	X	188 534
		1997.. N	X	X	237 279
3262991111	Latex foam for, automotive applications .....	2002.. 9	X	X	22 890
		1997.. 6	X	X	D
3262991115	Latex foam for, upholstery (sheet and slab stock) .....	2002.. 7	X	X	13 370
		1997.. 9	X	X	28 794
3262991121	Latex foam for, carpet and rug cushions .....	2002.. 5	X	X	51 225
		1997.. 7	X	X	42 714

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326299	All other rubber product manufacturing—Con.				
3262991	Rubber sponge, expanded and foam rubber products—Con.				
32629911	Latex foam products—Con.				
3262991125	Other latex foam products (including clothing, insulation and padding, hospital padding, and topper pads) .....	2002.. 25	X	X	101 049
		1997.. 29	X	X	D
32629912	Chemically blown (open and closed cell) rubber sponges .....	2002.. N	X	X	537 994
		1997.. N	X	X	901 226
3262991231	Chemically blown open cell rubber sponge for carpet and rug cushions .....	2002.. 3	X	X	D
		1997.. 16	X	X	120 338
3262991235	Chemically blown open cell rubber sponge for automotive applications .....	2002.. 10	X	X	D
		1997.. 10	X	X	16 193
3262991241	Chemically blown open cell rubber sponge for other uses .....	2002.. 23	X	X	52 482
		1997.. 30	X	X	204 516
3262991245	Chemically blown closed cell rubber sponge for automotive applications .....	2002.. 22	X	X	127 613
		1997.. 21	X	X	240 399
3262991251	Chemically blown closed cell rubber sponge for appliances, air-conditioning, and refrigeration .....	2002.. 14	X	X	109 895
		1997.. 10	X	X	40 338
3262991255	Chemically blown closed cell rubber sponge for construction applications .....	2002.. 15	X	X	43 737
		1997.. 13	X	X	50 527
3262991261	Chemically blown closed cell rubber sponge for other uses .....	2002.. 22	X	X	134 964
		1997.. 37	X	X	228 915
3262991Y	Rubber sponge, expanded and foam rubber products, nsk .....	2002.. N	X	X	58 693
		1997.. N	X	X	45 207
3262991YV	Rubber sponge, expanded and foam rubber products, nsk .....	2002.. N	X	X	58 693
		1997.. N	X	X	45 207
3262993	Rubber floor and wall coverings .....	2002.. N	X	X	634 381
		1997.. N	X	X	717 181
32629931	Rubber floor and wall coverings .....	2002.. N	X	X	590 362
		1997.. N	X	X	694 241
3262993121	Rubber floor mats, matting, and stair treads, in rolls .....	2002.. 22	X	X	84 404
		1997.. 21	X	X	100 054
3262993131	Individual rubber automotive floor mats and matting .....	2002.. 13	X	X	280 930
		1997.. 9	X	X	356 496
3262993141	All other individual rubber floor mats and matting (including stair treads) .....	2002.. 24	X	X	98 773
		1997.. 25	X	X	160 942
3262993151	Other rubber floor and wall coverings (including cove base, wainscotting, etc) .....	2002.. 11	X	X	126 255
		1997.. 11	X	X	76 749
3262993Y	Rubber floor and wall coverings, nsk .....	2002.. N	X	X	44 019
		1997.. N	X	X	22 940
3262993YV	Rubber floor and wall coverings, nsk .....	2002.. N	X	X	44 019
		1997.. N	X	X	22 940
3262994	Shoe products, rubber, elastomer resin .....	2002.. N	X	X	75 309
		1997.. N	X	X	131 345
32629941	Shoe products, rubber, elastomer resin .....	2002.. N	X	X	73 961
		1997.. N	X	X	131 345
3262994111	Rubber shoe heels and soles .....	2002.. 5	X	X	45 595
		1997.. 11	X	X	89 738
3262994121	Rubber shoe soles and top lift sheets .....	2002.. 3	X	X	D
		1997.. 2	X	X	D
3262994131	Rubber shoe unit sole (sole and heel combinations) .....	2002.. 3	X	X	D
		1997.. 5	X	X	D
3262994Y	Shoe products, rubber, elastomer resin, nsk .....	2002.. N	X	X	1 348
		1997.. N	X	X	—
3262994YV	Shoe products, rubber, elastomer resin, nsk .....	2002.. N	X	X	1 348
		1997.. N	X	X	—
326299A	Rubber druggist and medical sundries, excluding household gloves .....	2002.. N	X	X	471 268
		1997.. N	X	X	N
326299A1	Rubber druggist and medical sundries, excluding household gloves .....	2002.. N	X	X	465 469
		1997.. N	X	X	N
326299A131	Rubber nipples and pacifiers .....	2002.. 4	X	X	D
		1997.. N	X	X	N
326299A181	Other rubber druggist and medical sundries (including diaphragms, prophylatics, ice bags, caps, water bottles, fountain syringes, and combinations) .....	2002.. 16	X	X	D
		1997.. N	X	X	N
326299AY	Rubber druggist and medical sundries, excluding household gloves, nsk .....	2002.. N	X	X	5 799
		1997.. N	X	X	N
326299AYV	Rubber druggist and medical sundries, excluding household gloves, nsk .....	2002.. N	X	X	5 799
		1997.. N	X	X	N
3262996	Rubber compounds or mixtures for sale or interplant transfer .....	2002.. N	X	X	1 767 699
		1997.. N	X	X	1 549 610
32629961	Rubber compounds or mixtures for sale or interplant transfer .....	2002.. N	X	X	1 767 699
		1997.. N	X	X	1 549 610
3262996100	Rubber compounds or mixtures for sale or interplant transfer .....	2002.. 65	X	X	1 767 699
		1997.. 58	X	X	1 549 610
3262997	All other industrial rubber products .....	2002.. N	X	X	1 309 842
		1997.. N	X	X	1 753 580
32629971	All other industrial rubber products .....	2002.. N	X	X	1 239 062
		1997.. N	X	X	1 676 726
3262997111	Pressure-sensitive tape, rubber-backed (including friction) .....	2002.. 15	X	X	136 526
		1997.. 18	X	X	77 813
3262997115	Graphics arts, roll coverings, rubber and plastics (printing trade) .....	2002.. 33	X	X	100 631
		1997.. 47	X	X	202 248

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
326299	All other rubber product manufacturing—Con.				
3262997	All other industrial rubber products—Con.				
32629971	All other industrial rubber products—Con.				
3262997125	Paper mill roll coverings, rubber .....	2002.. 11	X	X	27 775
		1997.. 12	X	X	144 317
3262997131	Industrial, roll coverings, rubber (excluding steel mills and plastics) .....	2002.. 41	X	X	157 711
		1997.. 48	X	X	167 969
3262997135	Other roll coverings, rubber (including steel mills and plastics) .....	2002.. 32	X	X	104 363
		1997.. 38	X	X	84 365
3262997137	Single-ply rubber membrane roofing .....	2002.. 5	X	X	332 227
		1997.. 8	X	X	350 766
3262997141	Film and sheet rubber, vulcanized .....	2002.. 21	X	X	70 718
		1997.. 33	X	X	300 985
3262997145	Vulcanizable elastomeric linings .....	2002.. 27	X	X	58 110
		1997.. 17	X	X	50 873
3262997151	Printers' rubber blankets .....	2002.. 9	X	X	64 605
		1997.. 15	X	X	183 263
3262997155	Other miscellaneous industrial rubber products (including jar rings and fuel cells) .....	2002.. 24	X	X	186 396
		1997.. 23	X	X	114 127
3262997Y	All other industrial rubber products, nsk .....	2002.. N	X	X	70 780
		1997.. N	X	X	76 854
3262997YVW	All other industrial rubber products, nsk .....	2002.. N	X	X	70 780
		1997.. N	X	X	76 854
326299B	All other miscellaneous rubber goods .....	2002.. N	X	X	625 695
		1997.. N	X	X	N
326299B1	All other miscellaneous rubber goods .....	2002.. N	X	X	623 203
		1997.. N	X	X	N
326299B111	Hard rubber battery jars, boxes, and parts .....	2002.. 2	X	X	D
		1997.. N	X	X	N
326299B115	Other hard rubber mechanical goods .....	2002.. 15	X	X	28 624
		1997.. N	X	X	N
326299B121	Reclaimed rubber (any vulcanizable material excluding reclaimed residue or mud derived from processing or treatment of natural or synthetic (chemical) vulcanized scrap rubber) .....	2002.. 9	X	X	77 200
		1997.. N	X	X	N
326299B125	Rubber thread, bare .....	2002.. 2	X	X	D
		1997.. N	X	X	N
326299B131	Rubber boats, pontoons, and life rafts .....	2002.. 11	X	X	37 082
		1997.. N	X	X	N
326299B135	Rubber balloons (toy, advertizing, meteorological, etc) .....	2002.. 13	X	X	138 006
		1997.. N	X	X	N
326299B141	Rubber stationers' sundries (including bands, finger cots, and erasers, but excluding pencil plugs) .....	2002.. 3	X	X	D
		1997.. N	X	X	N
326299B151	Rubber tank blocks, treads, and band tracks .....	2002.. 3	X	X	D
		1997.. N	X	X	N
326299B159	Other rubber goods, excluding rubber life preservers .....	2002.. 41	X	X	268 729
		1997.. N	X	X	N
326299BY	All other miscellaneous rubber goods, nsk .....	2002.. N	X	X	2 492
		1997.. N	X	X	N
326299BYVW	All other miscellaneous rubber goods, nsk .....	2002.. N	X	X	2 492
		1997.. N	X	X	N
326299W	All other rubber product manufacturing, nsk, total .....	2002.. N	X	X	608 728
		1997.. N	X	X	468 323
326299WY	All other rubber product manufacturing, nsk, total .....	2002.. N	X	X	608 728
		1997.. N	X	X	468 323
326299WYVW	All other rubber product manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	418 217
		1997.. N	X	X	278 213
326299WYVY	All other rubber product manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	190 511
		1997.. N	X	X	190 110
327111	Vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing .....	2002.. N	X	X	979 448
		1997.. N	X	X	984 343
3271110	Vitreous plumbing fixtures .....	2002.. N	X	X	979 448
		1997.. N	X	X	984 343
32711101	Vitreous plumbing fixtures .....	2002.. N	X	X	957 729
		1997.. N	X	X	826 039
3271110112	Vitreous china lavatories .....	2002.. 8	X	X	172 340
		1997.. N	X	X	N
3271110113	Water closet bowls, 1.6 g.p.f., excluding flush tank unless integral, 17 inches from floor to rim of bowl, close coupled for use with flush tank .....	2002.. 8	X	X	310 956
		1997.. N	X	X	N
3271110120	Water closet bowls, 1.6 g.p.f., excluding flush tank unless integral, less than 17 inches from floor to rim of bowl, close coupled for use with flush tank, gravity and pressurized .....	2002.. 6	X	X	156 758
		1997.. N	X	X	N
3271110122	Water closet bowls, 1.6 g.p.f., excluding flush tank unless integral, less than 17 inches from floor to rim of bowl, close coupled for use with flush tank, all other (including flushometer valve) .....	2002.. 9	X	X	90 390
		1997.. N	X	X	N
3271110131	Vitreous china flush tanks .....	2002.. 8	X	X	181 665
		1997.. N	X	X	N
3271110151	All other china plumbing fixtures (including drinking fountains, urinals, sinks, etc.) .....	2002.. 9	X	X	45 620
		1997.. N	X	X	N
32711102	Vitreous plumbing fixture accessories and fittings, including earthenware .....	2002.. N	X	X	14 147
		1997.. N	X	X	147 414

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327111	Vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing—Con.				
3271110	Vitreous plumbing fixtures—Con.				
32711102	Vitreous plumbing fixture accessories and fittings, including earthenware—Con.				
3271110211	Vitreous plumbing accessories and fittings (including towel racks, soap cups, etc.)	2002.. 3 1997.. 9	X X	X X	D 26 576
3271110221	Earthenware plumbing fixtures, accessories, and fittings	2002.. 1 1997.. 8	X X	X X	D 120 838
3271110Y	Vitreous plumbing fixtures, nsk, total	2002.. N 1997.. N	X X	X X	7 572 10 890
3271110YWW	Vitreous plumbing fixtures, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	2 264 8
3271110YWY	Vitreous plumbing fixtures, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	5 308 10 882
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	2002.. N 1997.. N	X X	X X	895 014 1 489 643
3271121	Vitreous china, porcelain, and earthenware (semivitreous) table and kitchenware (including household, hotel, or commercial uses) (including bone and feldspar)	2002.. N 1997.. N	X X	X X	327 599 418 642
32711211	Vitreous china, porcelain, and earthenware (semivitreous) table and kitchenware (including household, hotel, or commercial uses) (including bone and feldspar)	2002.. N 1997.. N	X X	X X	327 599 418 642
3271121100	Vitreous china, porcelain, and earthenware (semivitreous) table and kitchenware (including household, hotel, or commercial uses) (including bone and feldspar)	2002.. 29 1997.. 42	X X	X X	327 599 418 642
3271125	All other pottery products (including china decorated for the trade)	2002.. N 1997.. N	X X	X X	496 515 N
32711251	All other pottery products (including china decorated for the trade)	2002.. N 1997.. N	X X	X X	491 031 N
3271125111	China and porcelain art, decorative, and novelty potteryware (including vases, lamp bases, figures, plaques, book ends, garden pottery, and ashtrays)	2002.. 25 1997.. N	X X	X X	76 221 N
3271125121	Earthenware and stoneware art, decorative, and novelty potteryware (including vases, lamp bases, figures, plaques, book ends, garden pottery, and ashtrays)	2002.. 54 1997.. N	X X	X X	107 206 N
3271125131	Stoneware table and kitchen articles, household and commercial (for serving, cooking, preparing, and storing food and drink)	2002.. 27 1997.. N	X X	X X	100 531 N
3271125137	Clay statuary and art goods	2002.. 30 1997.. N	X X	X X	102 891 N
3271125141	Chemical, technical, and industrial pottery ware (including chemical stoneware and porcelain, prometric tubes, etc.)	2002.. 10 1997.. N	X X	X X	55 425 N
3271125151	Red unglazed earthenware (flowerpots, etc.)	2002.. 6 1997.. N	X X	X X	18 724 N
3271125161	All other pottery products (including pyrometric cones, veritas rings, etc.)	2002.. 25 1997.. N	X X	X X	30 033 N
3271125Y	All other pottery products (including china decorated for the trade), nsk	2002.. N 1997.. N	X X	X X	5 484 N
3271125YWW	All other pottery products (including china decorated for the trade), nsk	2002.. N 1997.. N	X X	X X	5 484 N
327112W	Vitreous china, fine earthenware, and other pottery product manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	70 900 65 220
327112WY	Vitreous china, fine earthenware, and other pottery product manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	70 900 65 220
327112WYWW	Vitreous china, fine earthenware, and other pottery product manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	36 662 8 931
327112WYWY	Vitreous china, fine earthenware, and other pottery product manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	34 238 56 289
327113	Porcelain electrical supply manufacturing	2002.. N 1997.. N	X X	X X	1 065 065 1 208 806
3271130	Porcelain, steatite, and other ceramic electrical products	2002.. N 1997.. N	X X	X X	1 065 065 1 208 806
32711301	All wet process voltage porcelain products and components	2002.. N 1997.. N	X X	X X	257 141 270 004
3271130111	Pin-type porcelain electrical insulators and line posts, wet process voltage products shipped as complete insulators	2002.. 9 1997.. 7	X X	X X	59 891 40 750
3271130121	Suspension-type porcelain electrical insulators, 7 1/2-inch disc and smaller, wet process voltage products shipped as complete insulators	2002.. 3 1997.. 3	X X	X X	D D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327113	Porcelain electrical supply manufacturing—Con.				
3271130	Porcelain, steatite, and other ceramic electrical products—Con.				
32711301	All wet process voltage porcelain products and components—Con.				
3271130131	Suspension-type porcelain electrical insulators, larger than 7 1/2-inch disc, wet process voltage products shipped as complete insulators .....	2002.. 3 1997.. 3	X X	X X	D D
3271130141	Switch and bus porcelain electrical insulators (including cap-and-pin and post types), wet process voltage products shipped as complete insulators .....	2002.. 4 1997.. 5	X X	X X	29 472 39 825
3271130151	All other porcelain electrical insulators (including guy strain insulators and spools), wet process voltage products shipped as complete insulators .....	2002.. 9 1997.. 10	X X	X X	67 958 72 728
3271130161	Wet process voltage porcelain products shipped as porcelain pieces only for component parts of other electrical equipment .....	2002.. 5 1997.. 8	X X	X X	71 590 90 519
32711302	Steatite electrical products .....	2002.. N 1997.. N	X X	X X	44 215 70 380
3271130211	Steatite electrical products .....	2002.. 7 1997.. 10	X X	X X	44 215 70 380
32711303	Other ceramic electrical products and components for electronic applications .....	2002.. N 1997.. N	X X	X X	684 904 771 549
3271130311	All dry process electrical porcelain (including porcelain parts for wiring devices, fuses, circuit breakers, etc.) .....	2002.. 13 1997.. 12	X X	X X	170 590 186 046
3271130321	Ceramic permanent magnets .....	2002.. 14 1997.. 18	X X	X X	92 595 132 624
3271130331	Other ferrites (excluding those with electronic components) .....	2002.. 10 1997.. 12	X X	X X	105 111 144 147
3271130341	Alumina materials for electronic application .....	2002.. 20 1997.. 18	X X	X X	208 402 112 929
3271130351	Beryllia, titanate, and all other ceramic electrical products and ceramic components for electronic applications .....	2002.. 18 1997.. 24	X X	X X	108 206 195 803
3271130Y	Porcelain, steatite, and other ceramic electrical products, nsk, total .....	2002.. N 1997.. N	X X	X X	78 805 96 873
3271130YWW	Porcelain, steatite, and other ceramic electrical products, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	53 304 59 848
3271130YWY	Porcelain, steatite, and other ceramic electrical products, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	25 501 37 025
327121	Brick and structural clay tile manufacturing .....	2002.. N 1997.. N	X X	X X	1 762 476 1 336 425
3271210	Brick and structural clay tile .....	2002.. N 1997.. N	X X	X X	1 762 476 1 336 425
32712101	Building or common brick .....	2002.. N 1997.. N	X X	X X	1 630 602 1 213 090
3271210110	Building or common brick <sup>21</sup> .....	2002.. 69 1997.. 75	X X	X X	1 630 602 1 213 090
32712102	Glazed brick and other brick (paving, floor, and sewer) .....	2002.. N 1997.. N	X X	X X	96 272 65 156
3271210211	Other brick (paving, floor, and sewer) .....	2002.. 20 1997.. 21	X X	X X	73 681 44 753
3271210220	Glazed brick and structural hollow tile <sup>21</sup> .....	2002.. 8 1997.. 7	X X	X X	22 591 20 403
3271210Y	Brick and structural clay tile, nsk, total .....	2002.. N 1997.. N	X X	X X	35 602 58 179
3271210YWW	Brick and structural clay tile, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	22 686 43 425
3271210YWY	Brick and structural clay tile, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	12 916 14 754
327122	Ceramic wall and floor tile manufacturing .....	2002.. N 1997.. N	X X	X X	905 585 804 762
3271220	Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile) .....	2002.. N 1997.. N	X X	X X	905 585 804 762
32712201	Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile) .....	2002.. N 1997.. N	X X	X X	804 868 774 962
3271220100	Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile) <sup>21</sup> .....	2002.. 31 1997.. 53	X X	X X	804 868 774 962
3271220Y	Clay floor and wall tile, glazed and unglazed, nsk, total .....	2002.. N 1997.. N	X X	X X	100 717 29 800
3271220YWW	Ceramic wall and floor tile, glazed and unglazed, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	35 008 1 073
3271220YWY	Ceramic wall and floor tile, glazed and unglazed, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	65 709 28 727
327123	Other structural clay product manufacturing .....	2002.. N 1997.. N	X X	X X	188 875 120 284
3271231	Vitrified clay sewer pipe and fittings .....	2002.. N 1997.. N	X X	X X	50 407 46 531

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327123	Other structural clay product manufacturing—Con.				
3271231	Vitrified clay sewer pipe and fittings—Con.				
32712311	Vitrified clay sewer pipe and fittings	2002.. N	X	X	50 407
		1997.. N	X	X	46 531
3271231100	Vitrified clay sewer pipe and fittings <sup>21</sup>	2002.. 5	X	X	50 407
		1997.. 6	X	X	46 531
3271234	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories	2002.. N	X	X	134 452
		1997.. N	X	X	63 929
32712341	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories	2002.. N	X	X	134 452
		1997.. N	X	X	63 929
3271234100	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories <sup>22</sup>	2002.. 36	X	X	134 452
		1997.. 23	X	X	63 929
327123W	Other structural clay product manufacturing, nsk, total	2002.. N	X	X	4 016
		1997.. N	X	X	9 824
327123WY	Other structural clay product manufacturing, nsk, total	2002.. N	X	X	4 016
		1997.. N	X	X	9 824
327123WYWW	Other structural clay product manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	1 925
		1997.. N	X	X	1 682
327123WYWY	Other structural clay product manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	2 091
		1997.. N	X	X	8 142
327124	Clay refractory manufacturing	2002.. N	X	X	842 358
		1997.. N	X	X	1 128 727
3271240	Clay refractories	2002.. N	X	X	842 358
		1997.. N	X	X	1 128 727
32712401	Clay refractories	2002.. N	X	X	769 463
		1997.. N	X	X	1 095 548
3271240100	Clay refractories <sup>22</sup>	2002.. 65	X	X	769 463
		1997.. 88	X	X	1 095 548
3271240Y	Clay refractories, nsk, total	2002.. N	X	X	72 895
		1997.. N	X	X	33 179
3271240YWW	Clay refractories, nsk, for nonadministrative-record establishments	2002.. N	X	X	44 327
		1997.. N	X	X	198
3271240YWY	Clay refractories, nsk, for administrative-record establishments	2002.. N	X	X	28 568
		1997.. N	X	X	32 981
327125	Nonclay refractory manufacturing	2002.. N	X	X	990 826
		1997.. N	X	X	1 480 190
3271250	Nonclay refractories (except dead-burned magnesia)	2002.. N	X	X	990 826
		1997.. N	X	X	1 480 190
32712501	Nonclay refractories (except dead-burned magnesia)	2002.. N	X	X	911 097
		1997.. N	X	X	1 417 263
3271250100	Nonclay refractories (except dead-burned magnesia) <sup>22</sup>	2002.. 44	X	X	911 097
		1997.. 60	X	X	1 417 263
3271250Y	Nonclay refractories, nsk, total	2002.. N	X	X	79 729
		1997.. N	X	X	62 927
3271250YWW	Nonclay refractories, nsk, for nonadministrative-record establishments	2002.. N	X	X	45 686
		1997.. N	X	X	27 774
3271250YWY	Nonclay refractories, nsk, for administrative-record establishments	2002.. N	X	X	34 043
		1997.. N	X	X	35 153
327211	Flat glass manufacturing	2002.. N	X	X	2 690 928
		1997.. N	X	X	2 669 034
3272111	Flat glass (float, sheet, and plate process), made by flat glass producers	2002.. N	X	X	2 006 371
		1997.. N	X	X	1 888 468
32721111	Flat glass (float, sheet, and plate process), made by flat glass producers	2002.. N	X	X	2 006 371
		1997.. N	X	X	1 888 468
3272111100	Flat glass (float, sheet, and plate process), made by flat glass producers <sup>23</sup>	2002.. 8	X	X	2 006 371
		1997.. 6	X	X	1 888 468
3272114	Other glass products, made by flat glass producers	2002.. N	X	X	683 748
		1997.. N	X	X	N
32721141	Other glass products, made by flat glass producers	2002.. N	X	X	683 709
		1997.. N	X	X	N
3272114111	Rolled and wire glass, made by flat glass producers	2002.. 6	X	X	D
		1997.. N	X	X	N
3272114121	Tempered glass for construction, architectural, and automotive purposes, made by flat glass producers	2002.. 6	X	X	327 458
		1997.. N	X	X	N
3272114131	Tempered glass for other uses (including appliances), made by flat glass producers	2002.. 3	X	X	D
		1997.. N	X	X	N
3272114193	Other glass products (including laminated, multi-glazed and sealed insulating glass units, bent, enameled, stained, leaded, faceted, and colored slabs), made by flat glass producers	2002.. 11	X	X	290 721
		1997.. N	X	X	N
3272114Y	Other glass products, made by flat glass producers, nsk	2002.. N	X	X	39
		1997.. N	X	X	N
3272114YWV	Other glass products, made by flat glass producers, nsk	2002.. N	X	X	39
		1997.. N	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327211	Flat glass manufacturing—Con.				
327211W	Flat glass manufacturing, nsk, total .....	2002.. N	X	X	809
		1997.. N	X	X	13
327211WY	Flat glass manufacturing, nsk, total .....	2002.. N	X	X	809
		1997.. N	X	X	13
327211WYWW	Flat glass manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	809
		1997.. N	X	X	13
327211WYWY	Flat glass manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	—
		1997.. N	X	X	—
327212	Other pressed and blown glass and glassware manufacturing .....	2002.. N	X	X	4 831 037
		1997.. N	X	X	5 920 910
3272121	Glass fiber mat, textile-type, made by establishments producing glass .....	2002.. N	X	X	1 489 084
		1997.. N	X	X	1 939 530
32721211	Glass fiber mat, textile-type, made by establishments producing glass .....	2002.. N	X	X	261 029
		1997.. N	X	X	354 711
3272121111	Glass fiber mat, textile-type, made by establishments producing glass .....	2002.. 12	X	X	261 029
		1997.. 7	X	X	354 711
32721212	Other glass fiber, textile-type (including yarn, strand, staple yarn, sliver, roving, chopped strand, and milled glass fiber) made by establishments producing glass .....	2002.. N	X	X	1 228 055
		1997.. N	X	X	1 571 286
3272121221	Other glass fiber, textile-type (including yarn, strand, staple yarn, sliver, roving, chopped strand, and milled glass fiber) made by establishments producing glass .....	2002.. 13	X	X	1 228 055
		1997.. 8	X	X	1 571 286
3272121Y	Glass fiber mat, textile-type, made by establishments producing glass, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	13 533
3272121YVV	Glass fiber mat, textile-type, made by establishments producing glass, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	13 533
3272123	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers .....	2002.. N	X	X	970 555
		1997.. N	X	X	989 377
32721231	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers .....	2002.. N	X	X	970 555
		1997.. N	X	X	989 377
3272123100	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers .....	2002.. 29	X	X	970 555
		1997.. 18	X	X	989 377
3272125	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers .....	2002.. N	X	X	1 399 910
		1997.. N	X	X	1 697 238
32721251	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers .....	2002.. N	X	X	1 399 910
		1997.. N	X	X	1 697 238
3272125100	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers .....	2002.. 18	X	X	1 399 910
		1997.. 15	X	X	1 697 238
3272127	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers .....	2002.. N	X	X	629 964
		1997.. N	X	X	960 153
32721271	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers .....	2002.. N	X	X	629 964
		1997.. N	X	X	960 153
3272127100	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers .....	2002.. 32	X	X	629 964
		1997.. 28	X	X	960 153
3272129	Handmade pressed and blown glassware, made by glass producers .....	2002.. N	X	X	118 784
		1997.. N	X	X	173 923
32721291	Handmade pressed and blown glassware, made by glass producers .....	2002.. N	X	X	118 784
		1997.. N	X	X	173 923
3272129100	Handmade pressed and blown glassware, made by glass producers .....	2002.. 29	X	X	118 784
		1997.. 39	X	X	173 923
327212W	Other pressed and blown glass and glassware manufacturing, nsk, total .....	2002.. N	X	X	222 740
		1997.. N	X	X	160 689
327212WY	Other pressed and blown glass and glassware manufacturing, nsk, total .....	2002.. N	X	X	222 740
		1997.. N	X	X	160 689
327212WYWW	Other pressed and blown glass and glassware manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	43 355
		1997.. N	X	X	19 603
327212WYWY	Other pressed and blown glass and glassware manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	179 385
		1997.. N	X	X	141 086
327213	Glass container manufacturing .....	2002.. N	X	X	4 344 817
		1997.. N	X	X	4 176 306

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327213	Glass container manufacturing—Con.				
3272130	Glass containers . . . . .	2002.. N	X	X	4 344 817
		1997.. N	X	X	4 176 306
32721301	Glass containers . . . . .	2002.. N	X	X	4 341 392
		1997.. N	X	X	4 176 306
3272130100	Glass containers (including value of packaging) <sup>24</sup> . . . . . mil gross.	2002.. 15	X	S	4 341 392
		1997.. 11	X	249.0	4 176 306
3272130Y	Glass containers, nsk, total . . . . .	2002.. N	X	X	3 425
		1997.. N	X	X	—
3272130YWW	Glass containers, nsk, for nonadministrative-record establishments . . . . .	2002.. N	X	X	3 425
		1997.. N	X	X	—
3272130YWY	Glass containers, nsk, for administrative-record establishments . . . . .	2002.. N	X	X	—
		1997.. N	X	X	—
327215	Glass product manufacturing made of purchased glass . . . . .	2002.. N	X	X	10 409 562
		1997.. N	X	X	9 699 106
3272151	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made from purchased glass . . . . .	2002.. N	X	X	654 251
		1997.. N	X	X	539 238
32721511	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made from purchased glass . . . . .	2002.. N	X	X	654 251
		1997.. N	X	X	539 238
3272151100	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made from purchased glass . . . . .	2002.. 24	X	X	654 251
		1997.. 32	X	X	539 238
3272153	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made from purchased glass . . . . .	2002.. N	X	X	854 671
		1997.. N	X	X	911 786
32721531	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made from purchased glass . . . . .	2002.. N	X	X	854 671
		1997.. N	X	X	911 786
3272153100	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made from purchased glass . . . . .	2002.. 57	X	X	854 671
		1997.. 85	X	X	911 786
3272155	Handmade pressed and blown glassware, made from purchased glass . . . . .	2002.. N	X	X	134 678
		1997.. N	X	X	141 138
32721551	Handmade pressed and blown glassware, made from purchased glass . . . . .	2002.. N	X	X	134 678
		1997.. N	X	X	141 138
3272155100	Handmade pressed and blown glassware, made from purchased glass . . . . .	2002.. 28	X	X	134 678
		1997.. 38	X	X	141 138
3272159	Mirrors (decorated and undecorated), made from purchased glass . . . . .	2002.. N	X	X	1 483 981
		1997.. N	X	X	1 040 404
32721591	Mirrors (decorated and undecorated), made from purchased glass . . . . .	2002.. N	X	X	1 480 486
		1997.. N	X	X	1 038 897
3272159111	Framed mirrors (decorated and undecorated), made from purchased glass <sup>25</sup> . . . . .	2002.. 68	X	X	280 927
		1997.. 80	X	X	279 598
3272159121	Unframed mirrors (decorated and undecorated), made from purchased glass <sup>25</sup> . . . . .	2002.. 61	X	X	312 050
		1997.. 57	X	X	278 871
3272159131	Automotive mirrors (decorated and undecorated), made from purchased glass <sup>25</sup> . . . . .	2002.. 18	X	X	887 509
		1997.. 16	X	X	480 428
3272159Y	Mirrors (decorated and undecorated), made from purchased glass, nsk . . . . .	2002.. N	X	X	3 495
		1997.. N	X	X	1 507
3272159YWW	Mirrors (decorated and undecorated), made from purchased glass, nsk . . . . .	2002.. N	X	X	3 495
		1997.. N	X	X	1 507
327215B	Other glass products, made from purchased glass . . . . .	2002.. N	X	X	6 481 593
		1997.. N	X	X	N
327215B1	Tempered glass, made from purchased glass . . . . .	2002.. N	X	X	2 510 459
		1997.. N	X	X	N
327215B111	Tempered glass for construction, architectural, and automotive purposes, made from purchased glass . . . . .	2002.. 77	X	X	2 002 977
		1997.. N	X	X	N
327215B121	Tempered glass for other uses (including appliances), made from purchased glass . . . . .	2002.. 29	X	X	507 482
		1997.. N	X	X	N
327215B2	Optical glass fiber, data and nondata transmission, made from purchased glass . . . . .	2002.. N	X	X	419 329
		1997.. N	X	X	N
327215B231	Optical glass fiber, data and nondata transmission, made from purchased glass <sup>25</sup> . . . . .	2002.. 16	X	X	419 329
		1997.. N	X	X	N
327215B3	All other glass products, made from purchased glass . . . . .	2002.. N	X	X	3 543 056
		1997.. N	X	X	N
327215B341	Glass and glass fiber optical components, made from purchased glass <sup>25</sup> . . . . .	2002.. 24	X	X	112 636
		1997.. N	X	X	N
327215B393	Other glass products (including laminated, multi-glazed and sealed insulating glass units, bent, enameled, stained, leaded, faceted, and colored slabs), made from purchased glass . . . . .	2002.. 271	X	X	3 430 420
		1997.. N	X	X	N

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327215	Glass product manufacturing made of purchased glass—Con.				
327215B	Other glass products, made from purchased glass—Con.				
327215BY	Other glass products, made from purchased glass, nsk	2002.. N	X	X	8 749
		1997.. N	X	X	N
327215BYWV	Other glass products, made from purchased glass, nsk	2002.. N	X	X	8 749
		1997.. N	X	X	N
327215W	Glass product manufacturing made of purchased glass, nsk, total	2002.. N	X	X	800 388
		1997.. N	X	X	604 663
327215WY	Glass product manufacturing made of purchased glass, nsk, total	2002.. N	X	X	800 388
		1997.. N	X	X	604 663
327215WYWW	Glass product manufacturing made of purchased glass, nsk, for nonadministrative-record establishments	2002.. N	X	X	528 953
		1997.. N	X	X	337 764
327215WYWY	Glass product manufacturing made of purchased glass, nsk, for administrative-record establishments	2002.. N	X	X	271 435
		1997.. N	X	X	266 899
327310	Cement manufacturing	2002.. N	X	X	7 206 537
		1997.. N	X	X	6 351 646
3273100	Cement, hydraulic (including cost of shipping containers)	2002.. N	X	X	7 206 537
		1997.. N	X	X	6 351 646
32731001	Normal portland cement ASTM type I, hydraulic (including cost of shipping containers)	2002.. N	X	X	3 959 558
		1997.. N	X	X	3 660 639
3273100111	Normal portland cement ASTM type I, hydraulic (including cost of shipping containers) 1,000 s tons	2002.. 40	X	958 272.0	3 959 558
		1997.. 44	X	55 063.0	3 660 639
32731002	Portland cement, moderate heat of hydration (moderate sulfate resistance) ASTM type II, hydraulic (including cost of shipping containers)	2002.. N	X	X	1 467 976
		1997.. N	X	X	1 198 464
3273100211	Portland cement, moderate heat of hydration (moderate sulfate resistance) ASTM type II, hydraulic (including cost of shipping containers) 1,000 s tons	2002.. 22	X	921 274.0	1 467 976
		1997.. 29	X	P17 780.0	1 198 464
32731003	Other portland hydraulic cements including ASTM type III, ASTM type IV, and ASTM type V	2002.. N	X	X	683 384
		1997.. N	X	X	707 845
3273100311	Portland cement, high early strength ASTM type III, hydraulic (including cost of shipping containers) 1,000 s tons	2002.. 22	X	P3 982.7	283 514
		1997.. 30	X	4 797.7	343 988
3273100321	Portland cement, high sulfate resistance ASTM type V, hydraulic (including cost of shipping containers) 1,000 s tons	2002.. 12	X	P1 701.3	110 513
		1997.. 13	X	P1 021.1	86 925
3273100331	Other portland hydraulic cements (oil well, white cement, blended cements, etc.) including low heat of hydration ASTM type IV (including cost of shipping containers) 1,000 s tons	2002.. 19	X	S	289 357
		1997.. 24	X	S	276 932
32731004	Other cements (including cost of shipping containers)	2002.. N	X	X	751 455
		1997.. N	X	X	558 627
3273100411	Masonry cement, hydraulic (including cost of shipping containers) 1,000 s tons	2002.. 29	X	S	576 248
		1997.. 34	X	94 735.5	438 992
3273100421	Other cements (natural, hydraulic lime, etc.) (including cost of shipping containers) 1,000 s tons	2002.. 14	X	S	134 731
		1997.. 17	X	S	90 530
3273100431	Cement clinker, for sale separately, hydraulic (including cost of shipping containers) 1,000 s tons	2002.. 11	X	928.8	40 476
		1997.. 10	X	S	29 105
3273100Y	Cement, hydraulic (including cost of shipping containers), nsk, total	2002.. N	X	X	344 164
		1997.. N	X	X	226 071
3273100YWW	Cement, hydraulic (including cost of shipping containers), nsk, for nonadministrative-record establishments	2002.. N	X	X	232 158
		1997.. N	X	X	114 825
3273100YWY	Cement, hydraulic, (including cost of shipping containers), nsk, for administrative-record establishments	2002.. N	X	X	112 006
		1997.. N	X	X	111 246
327320	Ready-mix concrete manufacturing	2002.. N	X	X	20 480 559
		1997.. N	X	X	15 909 843
3273200	Ready-mix concrete	2002.. N	X	X	20 480 559
		1997.. N	X	X	15 909 843
32732001	Ready-mix concrete	2002.. N	X	X	16 510 683
		1997.. N	X	X	15 193 332
3273200100	Ready-mix concrete	2002.. 1 499	X	X	16 510 683
		1997.. 1 952	X	X	15 193 332
3273200Y	Ready-mix concrete, nsk, total	2002.. N	X	X	3 969 876
		1997.. N	X	X	716 511
3273200YWW	Ready-mix concrete, nsk, for nonadministrative-record establishments	2002.. N	X	X	3 541 795
		1997.. N	X	X	242 160
3273200YWY	Ready-mix concrete, nsk, for administrative-record establishments	2002.. N	X	X	428 081
		1997.. N	X	X	474 351
327331	Concrete block and brick manufacturing	2002.. N	X	X	3 418 216
		1997.. N	X	X	2 392 435
3273310	Concrete block and brick	2002.. N	X	X	3 418 216
		1997.. N	X	X	2 392 435
32733101	Structural block, lightweight units (units made with concrete weighing less than 105 lb per cubic foot) (dry weight)	2002.. N	X	X	673 732
		1997.. N	X	X	604 799
3273310111	Structural block, lightweight units (units made with concrete weighing less than 105 lb per cubic foot) (dry weight) mil blocks	2002.. 208	X	S	673 732
		1997.. 271	X	S	604 799

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**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327331	Concrete block and brick manufacturing—Con.				
3273310	Concrete block and brick—Con.				
32733102	Structural block, mediumweight units (units made with concrete weighing at least 105 lb but less than 125 lb per cubic foot) (dry weight) .....	2002.. N 1997.. N	X X	X X	266 181 232 842
3273310211	Structural block, mediumweight units (units made with concrete weighing at least 105 lb but less than 125 lb per cubic foot) (dry weight) .....	2002.. 82 1997.. 117	X X	S S	266 181 232 842
32733103	Structural block, normalweight units (units made with concrete weighing at least 125 lb per cubic foot) (dry weight) .....	2002.. N 1997.. N	X X	X X	620 342 602 577
3273310311	Structural block, normalweight units (units made with concrete weighing at least 125 lb per cubic foot) (dry weight) .....	2002.. 248 1997.. 312	X X	S S	620 342 602 577
32733104	Decorative block (including screen block, split block, slump block, shadowal block, etc.) .....	2002.. N 1997.. N	X X	X X	459 709 213 616
3273310411	Decorative block (including screen block, split block, slump block, shadowal block, etc.) .....	2002.. 174 1997.. 158	X X	X X	459 709 213 616
32733105	Concrete pavers (including grid, interlocking, etc.) .....	2002.. N 1997.. N	X X	X X	445 846 170 621
3273310511	Concrete pavers (including grid, interlocking, etc.) .....	2002.. 96 1997.. 83	X X	X X	445 846 170 621
32733106	Concrete brick .....	2002.. N 1997.. N	X X	X X	118 942 110 609
3273310611	Concrete brick .....	2002.. 56 1997.. 72	X X	X X	118 942 110 609
3273310Y	Concrete block and brick, nsk, total .....	2002.. N 1997.. N	X X	X X	833 464 457 371
3273310YWW	Concrete block and brick, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	721 491 400 519
3273310YWY	Concrete block and brick, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	111 973 56 852
327332	Concrete pipe manufacturing .....	2002.. N 1997.. N	X X	X X	2 345 054 1 783 463
3273320	Concrete pipe .....	2002.. N 1997.. N	X X	X X	2 345 054 1 783 463
32733201	Concrete culvert pipe .....	2002.. N 1997.. N	X X	X X	415 342 259 522
3273320111	Concrete reinforced culvert pipe, 36 inches or more .....	2002.. 41 1997.. 62	X X	S X	221 481 163 280
3273320121	Concrete reinforced culvert pipe, less than 36 inches .....	2002.. 33 1997.. 41	X X	¶1 093.2 ¶1 021.1	133 440 83 958
3273320131	Concrete nonreinforced culvert pipe .....	2002.. 11 1997.. 9	X X	X X	60 421 12 284
32733202	Concrete storm sewer pipe .....	2002.. N 1997.. N	X X	X X	511 764 597 598
3273320211	Concrete reinforced storm sewer pipe, 36 inches or more .....	2002.. 51 1997.. 70	X X	S X	309 842 290 449
3273320221	Concrete reinforced storm sewer pipe, less than 36 inches .....	2002.. 43 1997.. 69	X X	¶2 668.6 S	193 938 296 205
3273320231	Concrete nonreinforced storm sewer pipe .....	2002.. 5 1997.. 7	X X	X X	7 984 10 944
32733203	Concrete pipe, except concrete culvert pipe and concrete storm sewer pipe .....	2002.. N 1997.. N	X X	X X	1 079 213 784 249
3273320311	Concrete reinforced sanitary sewer pipe, 24 inches or more .....	2002.. 28 1997.. 35	X X	S ¶1 129.8	158 872 111 772
3273320321	Concrete reinforced sanitary sewer pipe, less than 24 inches .....	2002.. 17 1997.. 16	X X	S ¶199.5	51 253 18 245
3273320331	Concrete nonreinforced sanitary sewer pipe .....	2002.. 4 1997.. 6	X X	X X	3 470 3 546
3273320341	Reinforced concrete pressure pipe .....	2002.. 11 1997.. 10	X X	X X	54 159 89 759
3273320351	Prestressed concrete cylinder pressure pipe .....	2002.. 8 1997.. 11	X X	X X	140 336 61 428
3273320361	Pretensioned concrete cylinder pipe and other pressure pipe .....	2002.. 5 1997.. 5	X X	X X	74 478 102 455
3273320371	Concrete irrigation pipe and drain tile .....	2002.. 10 1997.. 12	X X	X X	33 149 13 838
3273320381	Other concrete pipe (such as manholes and conduits) .....	2002.. 116 1997.. 161	X X	X X	563 496 383 206
3273320Y	Concrete pipe, nsk, total .....	2002.. N 1997.. N	X X	X X	338 735 142 094
3273320YWW	Concrete pipe, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	280 699 133 821
3273320YWY	Concrete pipe, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	58 036 8 273
327390	Other concrete product manufacturing .....	2002.. N 1997.. N	X X	X X	8 415 993 5 693 775
3273901	Precast concrete products .....	2002.. N 1997.. N	X X	X X	5 392 152 3 200 936
32739011	Precast concrete slabs and tile, roof and floor units .....	2002.. N 1997.. N	X X	X X	636 841 315 220
3273901111	Precast concrete slabs and tile, roof and floor units .....	2002.. 65 1997.. 64	X X	X X	636 841 315 220

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327390	Other concrete product manufacturing—Con.				
3273901	Precast concrete products—Con.				
32739012	Precast concrete architectural wall panels . . . . .	2002 . . . . . N	X	X	916 756
		1997 . . . . . N	X	X	452 900
3273901211	Precast concrete architectural wall panels . . . . .	2002 . . . . . 95	X	X	916 756
		1997 . . . . . 96	X	X	452 900
32739013	Burial vaults and boxes, precast concrete . . . . .	2002 . . . . . N	X	X	404 301
		1997 . . . . . N	X	X	338 165
3273901311	Burial vaults, precast concrete . . . . .	2002 . . . . . 235	X	X	321 036
		1997 . . . . . 256	X	X	265 654
3273901321	Burial boxes, precast concrete . . . . .	2002 . . . . . 83	X	X	83 265
		1997 . . . . . 111	X	X	72 511
32739014	Precast concrete products, except burial vaults and boxes, concrete slabs and tile, and architectural wall panels . . . . .	2002 . . . . . N	X	X	2 870 684
		1997 . . . . . N	X	X	1 934 327
3273901411	Precast concrete joists and beams, roof and floor units . . . . .	2002 . . . . . 29	X	X	69 125
		1997 . . . . . 19	X	X	46 380
3273901421	Precast concrete piling, posts, and poles . . . . .	2002 . . . . . 24	X	X	115 374
		1997 . . . . . 21	X	X	50 139
3273901431	Precast concrete stone products for architectural purposes (except architectural wall panels, such as window sills, ashlar, etc.) . . . . .	2002 . . . . . 142	X	X	262 395
		1997 . . . . . 129	X	X	262 124
3273901441	Precast concrete, prefabricated building systems, primarily concrete, sold as complete units, and shipped in panel or modular form . . . . .	2002 . . . . . 74	X	X	357 794
		1997 . . . . . 60	X	X	230 771
3273901451	Other precast concrete construction or building products (including prefabricated housing components) . . . . .	2002 . . . . . 207	X	X	979 959
		1997 . . . . . 205	X	X	542 490
3273901461	Septic tanks, precast concrete . . . . .	2002 . . . . . 279	X	X	268 306
		1997 . . . . . 301	X	X	187 585
3273901471	Other precast concrete products (except construction or building products) . . . . .	2002 . . . . . 209	X	X	817 731
		1997 . . . . . 267	X	X	614 838
3273901Y	Precast concrete products, nsk . . . . .	2002 . . . . . N	X	X	563 570
		1997 . . . . . N	X	X	160 324
3273901YVV	Precast concrete products, nsk . . . . .	2002 . . . . . N	X	X	563 570
		1997 . . . . . N	X	X	160 324
3273904	Prestressed concrete products . . . . .	2002 . . . . . N	X	X	1 532 844
		1997 . . . . . N	X	X	1 342 329
32739041	Prestressed concrete bridge beams . . . . .	2002 . . . . . N	X	X	310 794
		1997 . . . . . N	X	X	205 193
3273904111	Prestressed concrete bridge beams . . . . . 1,000 lin ft.	2002 . . . . . 54	X	S	310 794
		1997 . . . . . 50	X	P3 169.0	205 193
32739042	Prestressed concrete solid and hollow cored slabs and panels . . . . .	2002 . . . . . N	X	X	262 709
		1997 . . . . . N	X	X	228 716
3273904211	Prestressed concrete solid and hollow cored slabs and panels . . . . . 1,000 sq ft.	2002 . . . . . 58	X	S	262 709
		1997 . . . . . 60	X	947 941.7	228 716
32739043	Prestressed concrete products, except bridge beams and solid and hollow cored slabs and panels . . . . .	2002 . . . . . N	X	X	776 021
		1997 . . . . . N	X	X	806 890
3273904311	Prestressed concrete single tees, double tees, and channels . . . . . 1,000 sq ft.	2002 . . . . . 40	X	S	247 788
		1997 . . . . . 54	X	S	359 036
3273904321	Prestressed concrete piling, bearing piles, and sheet piles . . . . . 1,000 lin ft.	2002 . . . . . 23	X	S	108 956
		1997 . . . . . 28	X	S	86 789
3273904331	Prestressed concrete joists, girders, and beams (other than bridge beams) . . . . . 1,000 lin ft.	2002 . . . . . 25	X	S	85 988
		1997 . . . . . 32	X	S	64 632
3273904341	Other prestressed concrete products (including arches, columns, etc.) . . . . .	2002 . . . . . 47	X	X	333 289
		1997 . . . . . 49	X	X	296 433
3273904Y	Prestressed concrete products, nsk . . . . .	2002 . . . . . N	X	X	183 320
		1997 . . . . . N	X	X	101 530
3273904YVV	Prestressed concrete products, nsk . . . . .	2002 . . . . . N	X	X	183 320
		1997 . . . . . N	X	X	101 530
327390W	Other concrete product manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	1 490 997
		1997 . . . . . N	X	X	1 150 510
327390WY	Other concrete product manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	1 490 997
		1997 . . . . . N	X	X	1 150 510
327390WYWW	Other concrete product manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N	X	X	1 261 770
		1997 . . . . . N	X	X	950 161
327390WYWY	Other concrete product manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N	X	X	229 227
		1997 . . . . . N	X	X	200 349
327410	Lime manufacturing . . . . .	2002 . . . . . N	X	X	1 022 320
		1997 . . . . . N	X	X	1 110 143
3274100	Lime . . . . .	2002 . . . . . N	X	X	1 022 320
		1997 . . . . . N	X	X	1 110 143
32741001	Quicklime, including cost of containers . . . . .	2002 . . . . . N	X	X	561 486
		1997 . . . . . N	X	X	696 748
3274100111	Quicklime, including cost of containers . . . . . 1,000 s tons.	2002 . . . . . 22	X	S	561 486
		1997 . . . . . 30	X	13 165.7	696 748
32741002	Hydrated lime, including cost of containers . . . . .	2002 . . . . . N	X	X	182 040
		1997 . . . . . N	X	X	184 759
3274100211	Hydrated lime, including cost of containers . . . . . 1,000 s tons.	2002 . . . . . 17	X	S	182 040
		1997 . . . . . 25	X	P3 189.8	184 759
32741003	Other lime, including cost of containers . . . . .	2002 . . . . . N	X	X	193 227
		1997 . . . . . N	X	X	174 234
3274100310	Dead-burned dolomite, including cost of containers . . . . . 1,000 s tons.	2002 . . . . . 4	X	732.0	50 554
		1997 . . . . . 8	X	P1 673.4	94 406
3274100321	Other lime, including cost of containers . . . . . 1,000 s tons.	2002 . . . . . 13	X	S	142 673
		1997 . . . . . 18	X	S	79 828

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327410	Lime manufacturing—Con.				
3274100	Lime—Con.				
3274100Y	Lime, nsk, total .....	2002.. N	X	X	85 567
		1997.. N	X	X	54 402
3274100YWW	Lime, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	78 939
		1997.. N	X	X	45 667
3274100YWY	Lime, nsk, for administrative-record establishments .....	2002.. N	X	X	6 628
		1997.. N	X	X	8 735
327420	Gypsum product manufacturing .....	2002.. N	X	X	3 781 980
		1997.. N	X	X	4 025 075
3274201	Gypsum building materials .....	2002.. N	X	X	2 945 382
		1997.. N	X	X	3 475 824
32742011	Gypsum plaster building boards and lath .....	2002.. N	X	X	2 448 391
		1997.. N	X	X	3 106 116
3274201111	Gypsum plaster building boards and lath .....	2002.. 40	X	S	2 448 391
	1,000 s tons. ....	1997.. 29	X	24 345.8	3 106 116
32742012	Gypsum building plasters .....	2002.. N	X	X	365 604
		1997.. N	X	X	363 625
3274201211	Gypsum building plasters .....	2002.. 11	X	X	365 604
		1997.. 18	X	X	363 625
3274201Y	Gypsum building materials, nsk .....	2002.. N	X	X	131 387
		1997.. N	X	X	6 083
3274201YWW	Gypsum building materials, nsk .....	2002.. N	X	X	131 387
		1997.. N	X	X	6 083
3274205	Other gypsum products .....	2002.. N	X	X	751 441
		1997.. N	X	X	N
32742051	Other gypsum products .....	2002.. N	X	X	743 262
		1997.. N	X	X	N
3274205111	Industrial plasters, gypsum .....	2002.. 6	X	X	153 159
		1997.. N	X	X	N
3274205121	Moldings, ornamental and architectural plaster work .....	2002.. 19	X	X	62 024
		1997.. N	X	X	N
3274205131	Other calcined gypsum products .....	2002.. 13	X	X	505 699
		1997.. N	X	X	N
3274205141	Gypsum statuary and art goods .....	2002.. 21	X	X	22 380
		1997.. N	X	X	N
3274205Y	Other gypsum products, nsk .....	2002.. N	X	X	8 179
		1997.. N	X	X	N
3274205YWW	Other gypsum products, nsk .....	2002.. N	X	X	8 179
		1997.. N	X	X	N
327420W	Gypsum product manufacturing, nsk, total .....	2002.. N	X	X	85 157
		1997.. N	X	X	74 404
327420WY	Gypsum product manufacturing, nsk, total .....	2002.. N	X	X	85 157
		1997.. N	X	X	74 404
327420WYWW	Gypsum product manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	3 057
		1997.. N	X	X	1 626
327420WYWY	Gypsum product manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	82 100
		1997.. N	X	X	72 778
327910	Abrasive product manufacturing .....	2002.. N	X	X	3 299 273
		1997.. N	X	X	4 107 840
3279101	Nonmetallic sized grains, powders, and flour abrasives (including graded products only) .....	2002.. N	X	X	521 701
		1997.. N	X	X	549 166
32791011	Aluminum oxide, nonmetallic sized grains, powders, and flour abrasives (including graded products only) .....	2002.. N	X	X	202 594
		1997.. N	X	X	158 946
3279101111	Aluminum oxide, nonmetallic sized grains, powders, and flour abrasives (including graded products only) .....	2002.. 18	X	X	202 594
		1997.. 13	X	X	158 946
32791012	Nonmetallic sized grains, powders, and flour abrasives, except aluminum oxide .....	2002.. N	X	X	311 927
		1997.. N	X	X	380 062
3279101211	Silicon carbide, nonmetallic sized grains, powders, and flour abrasives (including graded products only) .....	2002.. 13	X	X	D
		1997.. 13	X	X	137 456
3279101221	Other nonmetallic artificial sized grains, powders, and flour abrasives (including combinations thereof) .....	2002.. 13	X	X	220 265
		1997.. 20	X	X	209 953
3279101231	Nonmetallic natural sized grains, powders, and flours .....	2002.. 3	X	X	D
		1997.. 10	X	X	32 653
3279101Y	Nonmetallic sized grains, powders, and flour abrasives (including graded products only), nsk .....	2002.. N	X	X	7 180
		1997.. N	X	X	10 158
3279101YWW	Nonmetallic sized grains, powders, and flour abrasives (including graded products only), nsk .....	2002.. N	X	X	7 180
		1997.. N	X	X	10 158
3279104	Nonmetallic abrasive products (including diamond abrasives) .....	2002.. N	X	X	993 633
		1997.. N	X	X	1 176 259
32791041	Nonmetallic vitrified bond, artificial and natural bonded abrasives (including diamond abrasives) .....	2002.. N	X	X	191 942
		1997.. N	X	X	253 075
3279104111	Nonmetallic vitrified bond, artificial and natural bonded abrasives (including diamond abrasives) .....	2002.. 16	X	X	191 942
		1997.. 26	X	X	253 075
32791042	Nonmetallic resinoid and shellac bond, artificial and natural bonded abrasives, including diamond abrasives .....	2002.. N	X	X	255 823
		1997.. N	X	X	279 657
3279104211	Nonmetallic resinoid and shellac bonded abrasives, reinforced .....	2002.. 19	X	X	116 951
		1997.. 27	X	X	123 944
3279104221	Nonmetallic resinoid and shellac bonded abrasives, nonreinforced .....	2002.. 20	X	X	138 872
		1997.. 22	X	X	155 713

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327910	Abrasive product manufacturing—Con.				
3279104	Nonmetallic abrasive products (including diamond abrasives)—Con.				
32791043	Diamond wheels, nonmetallic, artificial and natural bonded abrasives, including diamond abrasives .....	2002.. N 1997.. N	X X	X X	247 100 221 994
3279104311	Diamond wheels, metal bond, nonmetallic, artificial and natural bonded abrasives, including diamond abrasives .....	2002.. 28 1997.. 40	X X	X X	144 788 148 844
3279104321	Diamond wheels, nonmetal bond, nonmetallic, artificial and natural bonded abrasives, including diamond abrasives .....	2002.. 24 1997.. 34	X X	X X	102 312 73 150
32791044	Other nonmetallic artificial and natural abrasive products (except coated abrasives) .....	2002.. N 1997.. N	X X	X X	298 768 416 669
3279104411	Nonmetallic rubber bond, artificial and natural bonded abrasives (including diamond abrasives) .....	2002.. 5 1997.. 14	X X	X X	6 530 41 816
3279104421	Other nonmetallic bonded abrasives, artificial and natural bonded abrasives (including diamond abrasives) .....	2002.. 44 1997.. 15	X X	X X	147 154 190 514
3279104431	Nonmetallic cubic boron nitride wheels, all bonds, artificial and natural bonded abrasives (including diamond abrasives) .....	2002.. 15 1997.. 27	X X	X X	30 323 60 426
3279104441	Other artificial and natural nonmetallic abrasive products (except coated abrasives) .....	2002.. 10 1997.. 23	X X	X X	114 761 123 913
3279104Y	Nonmetallic abrasive products (including diamond abrasives), nsk .....	2002.. N 1997.. N	X X	X X	— 4 864
3279104YVV	Nonmetallic abrasive products (including diamond abrasives), nsk .....	2002.. N 1997.. N	X X	X X	— 4 864
3279107	Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps .....	2002.. N 1997.. N	X X	X X	1 523 468 2 026 254
32791071	Nonmetallic belts, coated or impregnated with any natural or artificial abrasive material .....	2002.. N 1997.. N	X X	X X	271 532 478 909
3279107111	Nonmetallic belts, coated or impregnated with any natural or artificial abrasive material, cloth-glue bond .....	2002.. 8 1997.. 6	X X	X X	45 604 D
3279107121	Nonmetallic belts, coated or impregnated with any natural or artificial abrasive material, cloth-resin and waterproof bond .....	2002.. 14 1997.. 15	X X	X X	225 928 D
32791072	Nonmetallic shapes, coated or impregnated with any natural or artificial abrasive material .....	2002.. N 1997.. N	X X	X X	539 513 700 934
3279107211	Other nonmetallic shapes, coated or impregnated with any natural or artificial abrasive material, cloth-glue bond .....	2002.. 11 1997.. 8	X X	X X	103 631 81 819
3279107221	Other nonmetallic shapes, coated or impregnated with any natural or artificial abrasive material, cloth-resin and waterproof bond .....	2002.. 33 1997.. 20	X X	X X	435 882 619 115
32791073	Other nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps .....	2002.. N 1997.. N	X X	X X	696 985 801 363
3279107311	Nonmetallic paper-glue bond, coated or impregnated with any natural or artificial abrasive material .....	2002.. 16 1997.. 10	X X	X X	227 304 261 446
3279107321	Other nonmetallic coated or impregnated with any natural or artificial abrasive material (paper-cloth or vulcanized fiber-cloth combinations, vulcanized fibers, paper-resin, waterproof bond, etc.) .....	2002.. 22 1997.. 17	X X	X X	379 818 450 946
3279107331	Buffing and polishing wheels and laps of cloth, leather, felt, etc., but containing no abrasive grains, powders, or flour .....	2002.. 19 1997.. 20	X X	X X	89 863 88 971
3279107Y	Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps, nsk .....	2002.. N 1997.. N	X X	X X	15 438 45 048
3279107YVV	Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps, nsk .....	2002.. N 1997.. N	X X	X X	15 438 45 048
327910A	Metal abrasives including steel and iron grid, shot, and sand, and other metal abrasives .....	2002.. N 1997.. N	X X	X X	130 580 136 642
327910A1	Metal abrasives including steel and iron grid, shot, and sand, and other metal abrasives .....	2002.. N 1997.. N	X X	X X	130 580 136 642
327910A100	Metal abrasives including steel and iron grid, shot, and sand, and other metal abrasives .....	2002.. 17 1997.. N	X X	X X	130 580 N
327910W	Abrasive product manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	129 891 219 519
327910WY	Abrasive product manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	129 891 219 519
327910WYWW	Abrasive product manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	24 212 47 379
327910WYWY	Abrasive product manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	105 679 172 140
327991	Cut stone and stone product manufacturing .....	2002.. N	X	X	2 195 673

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
327991	Cut stone and stone product manufacturing—Con.					
		1997..	N	X	X	1 198 713
3279911	Dressed dimension granite (including gneiss, syenite, diorite, and cut granite) .....	2002..	N	X	X	863 456
		1997..	N	X	X	539 053
32799111	Monumental stone, dressed dimension granite (including gneiss, syenite, diorite, and cut granite) .....	2002..	N	X	X	268 527
		1997..	N	X	X	232 563
3279911111	Monumental stone, dressed dimension granite (including gneiss, syenite, diorite, and cut granite) .....	2002..	94	X	X	268 527
		1997..	103	X	X	232 563
32799112	Building stone and other dressed dimension granite products, excluding monumental stone .....	2002..	N	X	X	498 450
		1997..	N	X	X	289 845
3279911211	Building stone, dressed dimension granite (including gneiss, syenite, diorite, and cut granite) .....	2002..	113	X	X	246 106
		1997..	66	X	X	147 436
3279911221	Other granite products, including paving blocks and curbing, dressed dimension granite (including gneiss, syenite, diorite, and cut granite) .....	2002..	94	X	X	252 344
		1997..	60	X	X	142 409
3279911Y	Dressed dimension granite (including gneiss, syenite, diorite, and cut granite), nsk .....	2002..	N	X	X	96 479
		1997..	N	X	X	16 645
3279911YWV	Dressed dimension granite (including gneiss, syenite, diorite, and cut granite), nsk .....	2002..	N	X	X	96 479
		1997..	N	X	X	16 645
3279914	Dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone) .....	2002..	N	X	X	282 021
		1997..	N	X	X	179 853
32799141	Dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone) .....	2002..	N	X	X	234 943
		1997..	N	X	X	156 082
3279914111	Building stone, dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone) .....	2002..	69	X	X	184 192
		1997..	58	X	X	107 457
3279914121	Other limestone products, including flagging, dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone) .....	2002..	15	X	X	50 751
		1997..	19	X	X	48 625
3279914Y	Dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone), nsk .....	2002..	N	X	X	47 078
		1997..	N	X	X	23 771
3279914YWV	Dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone), nsk .....	2002..	N	X	X	47 078
		1997..	N	X	X	23 771
3279917	Dressed dimension marble and other stone .....	2002..	N	X	X	410 614
		1997..	N	X	X	237 277
32799171	Dressed dimension marble and other stone .....	2002..	N	X	X	344 748
		1997..	N	X	X	207 900
3279917111	Dressed dimension building stone, monumental stone, and other marble products .....	2002..	110	X	X	200 785
		1997..	84	X	X	80 178
3279917121	Other dressed dimension stone (including slate, sandstone, gabbro, basalt, etc.), and other dressed dimension stone products .....	2002..	70	X	X	143 963
		1997..	67	X	X	127 722
3279917Y	Dressed dimension marble and other stone, nsk .....	2002..	N	X	X	65 866
		1997..	N	X	X	29 377
3279917YWV	Dressed dimension marble and other stone, nsk .....	2002..	N	X	X	65 866
		1997..	N	X	X	29 377
327991W	Cut stone and stone product manufacturing, nsk, total .....	2002..	N	X	X	639 582
		1997..	N	X	X	242 530
327991WY	Cut stone and stone product manufacturing, nsk, total .....	2002..	N	X	X	639 582
		1997..	N	X	X	242 530
327991WYWW	Cut stone and stone product manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	429 503
		1997..	N	X	X	144 385
327991WYWY	Cut stone and stone product manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	210 079
		1997..	N	X	X	98 145
327992	Ground or treated mineral and earth manufacturing .....	2002..	N	X	X	1 979 182
		1997..	N	X	X	2 258 930
3279920	Treated minerals and earths .....	2002..	N	X	X	1 979 182
		1997..	N	X	X	2 258 930
32799204	Treated lightweight aggregate and crushed slag, minerals and earths .....	2002..	N	X	X	358 637
		1997..	N	X	X	N
3279920415	Treated lightweight aggregate (diatomaceous earth, expanded clay, expanded slag, cinders, perlite, haydite, pumice, etc.) .....	2002..	21	X	X	108 431
		1997..	N	X	X	N
3279920421	Crushed slag .....	2002..	22	X	X	250 206
		1997..	N	X	X	N
32799205	Treated clays, artificially activated with acid or other materials .....	2002..	N	X	X	558 834
		1997..	N	X	X	N
3279920521	Treated clays, artificially activated with acid or other materials .....	1,000 s tons.. 2002..	15	X	°2 256.3	558 834
		1997..	N	X	N	N
32799206	Other minerals or earths, treated .....	2002..	N	X	X	820 611
		1997..	N	X	X	N
3279920611	Exfoliated vermiculite aggregate .....	mil cu ft.. 2002..	11	X	°40.5	20 777
		1997..	N	X	N	N
3279920621	Other exfoliated vermiculite (including loose fill insulation, acoustical, etc.) .....	mil cu ft.. 2002..	5	X	S	14 428

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327992	Ground or treated mineral and earth manufacturing—Con.				
3279920	Treated minerals and earths—Con.				
32799206	Other minerals or earths, treated—Con.				
3279920621	Other exfoliated vermiculite (including loose fill insulation, acoustical, etc.)—Con.	1997..	N	X	N
3279920630	Refractory magnesia (including dead-burned magnesia or magnesite) <sup>22</sup> .....	2002..	15	X	X
		1997..	N	X	N
3279920653	Graphite, refined or blended .....	1,000 s tons. 2002..	4	X	8 495
		1997..	N	X	N
3279920667	Other treated minerals and earths (including feldspar, mica, roofing, granules, etc.) (includes heat treated, chemical treated, and other manufacturing processes) .....	2002..	34	X	X
		1997..	N	X	N
3279920Y	Treated minerals and earths, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
3279920YWW	Treated minerals and earths, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
3279920YWY	Treated minerals and earths, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
327993	Mineral wool manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3279931	Mineral wool for thermal and acoustical envelope insulation (for homes and commercial, and industrial buildings) .....	2002..	N	X	X
		1997..	N	X	X
32799311	Loose fiber (blowing and pouring) (shipped as such) and granulated fiber, mineral wool for thermal and acoustical envelope insulation (for insulating homes and commercial and industrial buildings) .....	2002..	N	X	X
		1997..	N	X	X
3279931111	Loose fiber (blowing and pouring) (shipped as such) and granulated fiber, mineral wool for thermal and acoustical envelope insulation (for insulating homes and commercial and industrial buildings) .....	2002..	13	X	X
		1997..	15	X	X
32799312	Building batts, blankets, and rolls (in thermal resistance (R) values) R19 or more, mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....	2002..	N	X	X
		1997..	N	X	X
3279931211	Building batts, blankets, and rolls (in thermal resistance (R) values) R19 or more, mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....	2002..	12	X	X
		1997..	8	X	X
32799313	Building batts, blankets, and rolls (in thermal resistance (R) values) less than R19, mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....	2002..	N	X	X
		1997..	N	X	X
3279931311	Building batts, blankets, and rolls (in thermal resistance (R) values) R11 to R18.9, mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....	2002..	10	X	X
		1997..	12	X	X
3279931321	Building batts, blankets, and rolls (in thermal resistance (R) values) R10.9 or less, mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....	2002..	10	X	X
		1997..	11	X	X
32799314	Acoustical, such as wall and ceiling (sold as acoustical insulation), mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....	2002..	N	X	X
		1997..	N	X	X
3279931411	Acoustical, such as wall and ceiling (sold as acoustical insulation), mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....	2002..	22	X	X
		1997..	20	X	X
32799315	Board (including roof insulation) and other mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....	2002..	N	X	X
		1997..	N	X	X
3279931511	Board (such as roof insulation), mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....	2002..	9	X	X
		1997..	8	X	X
3279931521	Other mineral wool for thermal and acoustical envelope insulation (for homes and commercial and industrial buildings) .....	2002..	16	X	X
		1997..	17	X	X
3279931Y	Mineral wool for thermal and acoustical envelope insulation (for homes and commercial, and industrial buildings), nsk .....	2002..	N	X	X
		1997..	N	X	X
3279931YWV	Mineral wool for thermal and acoustical envelope insulation (for homes and commercial, and industrial buildings), nsk .....	2002..	N	X	X
		1997..	N	X	X
3279934	Mineral wool for industrial, equipment, and appliance insulation .....	2002..	N	X	X
		1997..	N	X	X
32799341	Blankets (flexible) (including fabricated pieces, rolls, and batts) .....	2002..	N	X	X
		1997..	N	X	X

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[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
327993	Mineral wool manufacturing—Con.				
3279934	Mineral wool for industrial, equipment, and appliance insulation—Con.				
32799341	Blankets (flexible) (including fabricated pieces, rolls, and batts)—Con.				
3279934111	Plain blankets (flexible) (including fabricated pieces, rolls, and batts), mineral wool for industrial, equipment, and appliance insulation	2002.. 22 1997.. 17	X X	X X	249 389 158 753
3279934121	Coated blankets (flexible) (including fabricated pieces, rolls, and batts), mineral wool for industrial, equipment, and appliance insulation	2002.. 11 1997.. 13	X X	X X	75 335 111 653
3279934131	Faced and metal meshed blankets (flexible) (including fabricated pieces, rolls, and batts), mineral wool for industrial, equipment, and appliance insulation	2002.. 13 1997.. 15	X X	X X	128 483 98 339
32799342	Special-purpose mineral wool for industrial, equipment, and appliance insulation pieces (special-purpose automotive, appliance, aerospace items and original equipment parts)	2002.. N 1997.. N	X X	X X	325 479 286 282
3279934211	Special-purpose mineral wool for industrial, equipment, and appliance insulation pieces (special-purpose automotive, appliance, aerospace items and original equipment parts)	2002.. 17 1997.. 33	X X	X X	325 479 286 282
32799343	Other mineral wool for industrial equipment and appliance insulation, except blankets and special-purpose mineral wool	2002.. N 1997.. N	X X	X X	554 085 492 350
3279934311	Other mineral wool for industrial equipment and appliance insulation, blocks and boards	2002.. 4 1997.. 7	X X	X X	D 52 656
3279934321	Mineral wool for industrial, equipment, and appliance pipe insulation	2002.. 11 1997.. 9	X X	X X	190 929 165 624
3279934331	Mineral wool for industrial, equipment, and appliance acoustical insulation (including pads, boards, patches, etc.)	2002.. 10 1997.. 10	X X	X X	D 31 731
3279934341	Other mineral wool for industrial, equipment, and appliance insulation (including air duct, loose fiber, granulated fiber, insulating and finishing cements, etc.)	2002.. 7 1997.. 17	X X	X X	190 955 242 339
3279934Y	Mineral wool for industrial, equipment, and appliance insulation, nsk	2002.. N 1997.. N	X X	X X	73 453 515
3279934YVV	Mineral wool for industrial, equipment, and appliance insulation, nsk	2002.. N 1997.. N	X X	X X	73 453 515
327993W	Mineral wool manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	401 852 142 984
327993WY	Mineral wool manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	401 852 142 984
327993WYWW	Mineral wool manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	306 220 46 096
327993WYWY	Mineral wool manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	95 632 96 888
327999	All other nonmetallic mineral product manufacturing	2002.. N 1997.. N	X X	X X	1 837 714 1 684 163
3279990	All other nonmetallic mineral products	2002.. N 1997.. N	X X	X X	1 837 714 1 684 163
32799901	Mica products	2002.. N 1997.. N	X X	X X	58 388 54 063
3279990111	Mica products	2002.. 11 1997.. 13	X X	X X	58 388 54 063
32799902	Dry-mixed concrete materials (prepackaged sand, gravel, mortar, and cement premixes)	2002.. N 1997.. N	X X	X X	1 078 701 846 835
3279990211	Dry-mixed concrete materials (prepackaged sand, gravel, mortar, and cement premixes)	2002.. 187 1997.. 201	X X	X X	1 078 701 846 835
32799903	Other nonmetallic mineral products (magnesite floor composition, stucco, artificial graphite, synthetic stones, etc.)	2002.. N 1997.. N	X X	X X	380 004 412 006
3279990311	Other nonmetallic mineral products (magnesite floor composition, stucco, artificial graphite, synthetic stones, etc.)	2002.. 66 1997.. 71	X X	X X	380 004 412 006
3279990Y	All other nonmetallic mineral products, nsk, total	2002.. N 1997.. N	X X	X X	320 621 371 259
3279990YWW	All other nonmetallic mineral products, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	243 214 340 436
3279990YWY	All other nonmetallic mineral products, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	77 407 30 823
331111	Iron and steel mills	2002.. N 1997.. N	X X	X X	44 399 530 56 344 117
33111111	Coke oven and blast furnace products, made in steel mills	2002.. N 1997.. N	X X	X X	947 986 2 450 291
3311111111	Coke oven and blast furnace products, made in steel mills	2002.. N 1997.. N	X X	X X	946 169 2 450 291
33111111101	Coke oven products, coke (excluding screenings and breeze), made in steel mills	1,000 s tons.. 2002.. 8	8 661.9	7 200.2	679 300

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331111	Iron and steel mills—Con.				
3311111	Coke oven and blast furnace products, made in steel mills—Con.				
33111111	Coke oven and blast furnace products, made in steel mills—Con.				
3311111101	Coke oven products, coke (excluding screenings and breeze), made in steel mills—Con.	1997..	13	15 161.8	11 299.2
3311111103	Coke oven products, screenings and breeze, made in steel mills..... 1,000 s tons.....	2002..	13	1 412.7	S 44 470
		1997..	17	1 360.9	S 72 202
3311111105	Coke oven products, crude tar, made in steel mills..... mil gal.....	2002..	7	D	S 43 899
		1997..	12	D	P152.4 78 808
3311111107	Coke oven products, crude light oil, made in steel mills..... mil gal.....	2002..	5	D	D
		1997..	11	D	46.7 19 173
3311111109	Coke oven products, other (including tar derivatives, ammonia, light oil derivations, and coke oven gas), made in steel mills.....	2002..	7	X	X D
		1997..	9	X	X 169 355
3311111111	Blast furnace pig iron (excluding ferroalloys), including pig iron with silicon content up to and including 6 percent silicon, made in steel mills..... 1,000 s tons.....	2002..	5	5 771.8	S 16 439
		1997..	6	D	D
3311111113	Blast furnace slag, excluding ferroalloys, made in steel mills..... 1,000 s tons.....	2002..	6	D	S 10 978
		1997..	7	D	D
3311111115	Blast furnace sinter from ore, flue dust, blast furnace gas and other materials (excluding ferroalloys), made in steel mills.....	2002..	1	X	X D
		1997..	4	X	X 95 923
3311111117	Other blast furnace products, excluding ferroalloys, made in steel mills.....	2002..	4	X	X D
		1997..	6	D	X D
33111111Y	Coke oven and blast furnace products, made in steel mills, nsk.....	2002..	N	X	X 1 817
		1997..	N	X	X -
33111111YW	Coke oven and blast furnace products, made in steel mills, nsk.....	2002..	N	X	X 1 817
		1997..	N	X	X -
33111113	Steel ingots and semifinished shapes and forms, made in steel mills.....	2002..	N	X	X 3 569 641
		1997..	N	X	X 4 377 169
331111131	Steel ingots and semifinished shapes and forms, made in steel mills.....	2002..	N	X	X 3 569 641
		1997..	N	X	X 4 377 169
3311113100	Steel ingots and semifinished shapes and forms, made in steel mills <sup>26</sup> .....	2002..	55	X	X 3 569 641
		1997..	50	X	X 4 377 169
33111115	Hot rolled steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel), made in steel mills.....	2002..	N	X	X 15 801 781
		1997..	N	X	X 22 060 627
331111151	Hot rolled steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel), made in steel mills.....	2002..	N	X	X 15 801 781
		1997..	N	X	X 22 060 627
3311115100	Hot rolled steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel), made in steel mills <sup>26</sup> .....	2002..	48	X	X 15 801 781
		1997..	39	X	X 22 060 627
33111117	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling (including concrete reinforcing and tool steel bars), made in steel mills.....	2002..	N	X	X 10 735 366
		1997..	N	X	X 13 383 096
331111171	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling (including concrete reinforcing and tool steel bars), made in steel mills.....	2002..	N	X	X 10 735 366
		1997..	N	X	X 13 383 096
3311117100	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling (including concrete reinforcing and tool steel bars), made in steel mills <sup>26</sup> .....	2002..	90	X	X 10 735 366
		1997..	63	X	X 13 383 096
33111119	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars.....	2002..	N	X	X 591 422
		1997..	N	X	X 444 682
331111191	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars.....	2002..	N	X	X 591 422
		1997..	N	X	X 444 682
3311119100	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars.....	2002..	24	X	X 591 422
		1997..	18	X	X 444 682
3311111B	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate.....	2002..	N	X	X 1 885 144
		1997..	N	X	X 2 734 679
3311111B1	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate.....	2002..	N	X	X 1 885 144
		1997..	N	X	X 2 734 679
3311111B100	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate.....	2002..	48	X	X 1 885 144
		1997..	17	X	X 2 734 679
3311111D	Cold rolled steel sheet and strip, made in steel mills producing hot rolled sheet or strip.....	2002..	N	X	X 9 376 406
		1997..	N	X	X 8 541 551

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331111	Iron and steel mills—Con.				
331111D	Cold rolled steel sheet and strip, made in steel mills producing hot rolled sheet or strip—Con.				
331111D1	Cold rolled steel sheet and strip, made in steel mills producing hot rolled sheet or strip .....	2002.. N	X	X	9 376 406
		1997.. N	X	X	8 541 551
331111D100	Cold rolled steel sheet and strip, made in steel mills producing hot rolled sheet or strip .....	2002.. 38	X	X	9 376 406
		1997.. 25	X	X	8 541 551
331111F	Cold finished steel bars and bar shapes, made in steel mills producing hot rolled bars and bar shapes .....	2002.. N	X	X	629 132
		1997.. N	X	X	935 511
331111F1	Cold finished steel bars and bar shapes, made in steel mills producing hot rolled bars and bar shapes .....	2002.. N	X	X	629 132
		1997.. N	X	X	935 511
331111F100	Cold finished steel bars and bar shapes, made in steel mills producing hot rolled bars and bar shapes .....	2002.. 12	X	X	629 132
		1997.. 11	X	X	935 511
331111H	Seamless rolled ring forgings, ferrous, made in steel mills .....	2002.. N	X	X	75 703
		1997.. N	X	X	D
331111H1	Seamless carbon steel and alloy steel rolled ring forgings (excluding stainless and hi-temperature), made in steel mills .....	2002.. N	X	X	58 719
		1997.. N	X	X	D
331111H101	Seamless carbon steel and alloy steel rolled ring forgings (excluding stainless and hi-temperature), made in steel mills .....	2002.. 9	X	X	58 719
		1997.. 4	X	X	D
331111H2	Seamless stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) rolled ring forgings, made in steel mills .....	2002.. N	X	X	16 984
		1997.. N	X	X	D
331111H203	Seamless stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) rolled ring forgings, made in steel mills .....	2002.. 7	X	X	16 984
		1997.. 2	X	X	D
331111HY	Seamless rolled ring forgings, ferrous, made in steel mills, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
331111HYWV	Seamless rolled ring forgings, ferrous, made in steel mills, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
331111J	Open die and smith forgings (hammer and press), ferrous, made in steel mills .....	2002.. N	X	X	182 850
		1997.. N	X	X	D
331111J1	Carbon and alloy steel open die and smith forgings (hammer and press), excluding stainless and hi-temperature, made in steel mills .....	2002.. N	X	X	148 711
		1997.. N	X	X	D
331111J101	Carbon and alloy steel open die and smith forgings (hammer and press), excluding stainless and hi-temperature, made in steel mills .....	2002.. 9	X	X	148 711
		1997.. 5	X	X	D
331111J2	Stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) open die and smith forgings (hammer and press), made in steel mills .....	2002.. N	X	X	34 139
		1997.. N	X	X	D
331111J203	Stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) open die and smith forgings (hammer and press), made in steel mills .....	2002.. 6	X	X	34 139
		1997.. 2	X	X	D
331111JY	Open die and smith forgings (hammer and press), ferrous, made in steel mills, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
331111JYWV	Open die and smith forgings (hammer and press), ferrous, made in steel mills, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
331111L	Other steel mill products, including steel rails, except wire products .....	2002.. N	X	X	568 526
		1997.. N	X	X	585 921
331111L1	Other steel mill products, including steel rails, except wire products .....	2002.. N	X	X	568 526
		1997.. N	X	X	585 921
331111L100	Other steel mill products, including steel rails, except wire products <sup>26</sup> .....	2002.. 33	X	X	568 526
		1997.. 11	X	X	585 921
331111W	Iron and steel mills, nsk, total .....	2002.. N	X	X	35 573
		1997.. N	X	X	42 277
331111WY	Iron and steel mills, nsk, total .....	2002.. N	X	X	35 573
		1997.. N	X	X	42 277
331111WYWW	Iron and steel mills, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	35 573
		1997.. N	X	X	11 467
331111WYWY	Iron and steel mills, nsk, for administrative-record establishments .....	2002.. N	X	X	—
		1997.. N	X	X	30 810
331112	Electrometallurgical ferroalloy product manufacturing .....	2002.. N	X	X	759 383
		1997.. N	X	X	1 130 049
3311121	Ferrochromium, including briquettes, ferrochromium silicon, exothermic chromium additives, and other chromium alloys .....	2002.. N	X	X	—
		1997.. N	X	X	D
33111211	Ferrochromium, including briquettes, ferrochromium silicon, exothermic chromium additives, and other chromium alloys .....	2002.. N	X	X	—
		1997.. N	X	X	D
3311121100	Ferrochromium, including briquettes, ferrochromium silicon, exothermic chromium additives, and other chromium alloys .....	1,000 s tons.. 2002.. —	X	—	—

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331112	Electrometallurgical ferroalloy product manufacturing—Con.				
3311121	Ferrochromium, including briquettes, ferrochromium silicon, exothermic chromium additives, and other chromium alloys—Con.				
33111211	Ferrochromium, including briquettes, ferrochromium silicon, exothermic chromium additives, and other chromium alloys—Con.				
3311121100	Ferrochromium, including briquettes, ferrochromium silicon, exothermic chromium additives, and other chromium alloys—Con.	1997..	2	D	D
3311123	Ferrosilicon, including briquettes, and other silicon alloys.....	2002..	N	X	X
33111231	Ferrosilicon, including briquettes, and other silicon alloys.....	1997..	N	X	X
3311123100	Ferrosilicon, including briquettes, and other silicon alloys..... 1,000 s tons.	2002..	N	X	X
		1997..	7	D	S
			5	P471.7	395.4
3311125	Other ferroalloys.....	2002..	N	X	X
33111251	Ferrous superalloys.....	1997..	N	X	X
3311125101	Ferrous superalloys..... 1,000 s tons.	2002..	N	X	X
		1997..	4	X	D
33111252	Other ferroalloys, including silvery iron, ferromanganese, manganese metal, silicomanganese and ferrospegeleisen.....	2002..	N	X	X
3311125203	Other ferroalloys, including silvery iron, ferromanganese, manganese metal, silicomanganese and ferrospegeleisen..... 1,000 s tons.	2002..	8	D	P321.9
		1997..	5	D	D
33111253	Other ferrous products made in electric and other furnaces.....	2002..	N	X	X
3311125305	Other ferrous products made in electric and other furnaces.....	1997..	N	X	X
3311125Y	Other ferroalloys, nsk.....	2002..	12	X	X
		1997..	8	X	X
3311125YVW	Other ferroalloys, nsk.....	2002..	N	X	X
		1997..	N	X	X
331112W	Electrometallurgical ferroalloy product manufacturing, nsk, total.....	2002..	N	X	X
331112WY	Electrometallurgical ferroalloy product manufacturing, nsk, total.....	1997..	N	X	X
331112WYVW	Electrometallurgical ferroalloy product manufacturing, nsk, for nonadministrative-record establishments.....	2002..	N	X	X
331112WYVY	Electrometallurgical ferroalloy product manufacturing, nsk, for administrative-record establishments.....	1997..	N	X	X
331210	Iron and steel pipe and tube manufacturing from purchased steel.....	2002..	N	X	X
		1997..	N	X	X
3312100	Iron and steel pipes and tubes, made from purchased iron and steel.....	2002..	N	X	X
33121001	Iron and steel pipes and tubes, made from purchased iron and steel.....	1997..	N	X	X
3312100100	Iron and steel pipes and tubes, made from purchased iron and steel.....	2002..	138	X	X
		1997..	173	X	X
3312100Y	Iron and steel pipes and tubes, made from purchased iron and steel, nsk, total.....	2002..	N	X	X
		1997..	N	X	X
3312100YVW	Iron and steel pipes and tubes, made from purchased iron and steel nsk, for nonadministrative-record establishments.....	2002..	N	X	X
		1997..	N	X	X
3312100YVY	Iron and steel pipes and tubes, made from purchased iron and steel nsk, for administrative-record establishments.....	2002..	N	X	X
		1997..	N	X	X
331221	Rolled steel shape manufacturing.....	2002..	N	X	X
		1997..	N	X	X
3312211	Cold rolled steel sheet and strip, made from purchased steel.....	2002..	N	X	X
33122111	Cold rolled steel sheet and strip, made from purchased steel.....	1997..	N	X	X
3312211100	Cold rolled steel sheet and strip, made from purchased steel.....	2002..	58	X	X
		1997..	54	X	X
3312213	Cold finished steel bars and bar shapes, made from purchased steel.....	2002..	N	X	X
33122131	Cold finished steel bars and bar shapes, made from purchased steel.....	1997..	N	X	X
3312213100	Cold finished steel bars and bar shapes, made from purchased steel.....	2002..	N	X	X
		1997..	N	X	X
3312215	Iron and steel powders, paste, and flakes, made from purchased steel.....	2002..	41	X	X
		1997..	71	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
331221	Rolled steel shape manufacturing—Con.					
3312215	Iron and steel powders, paste, and flakes, made from purchased steel—Con.					
33122151	Iron and steel powders, paste, and flakes, made from purchased steel .....	2002..	N	X	X	396 588
		1997..	N	X	X	N
3312215100	Iron and steel powders, paste, and flakes, made from purchased steel .....	mil lb. 2002..	20	X	S	396 588
		1997..	N	X	N	N
331221W	Rolled steel shape manufacturing, nsk, total .....	2002..	N	X	X	52 037
		1997..	N	X	X	19 829
331221WY	Rolled steel shape manufacturing, nsk, total .....	2002..	N	X	X	52 037
		1997..	N	X	X	19 829
331221WYWW	Rolled steel shape manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	52 037
		1997..	N	X	X	S
331221WYWY	Rolled steel shape manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	—
		1997..	N	X	X	19 877
331222	Steel wire drawing .....	2002..	N	X	X	4 096 358
		1997..	N	X	X	4 962 274
3312221	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made in plants that draw wire .....	2002..	N	X	X	868 100
		1997..	N	X	X	977 995
33122211	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made in plants that draw wire .....	2002..	N	X	X	443 425
		1997..	N	X	X	560 466
3312221101	Noninsulated ferrous wire forms and strand (including strand for prestressed concrete, composite wire strand (except ACSR), and guard rail cable), made in plants that draw wire .....	2002..	23	X	X	443 425
		1997..	N	X	X	N
33122212	Noninsulated ferrous wire forms and strand (including strand for prestressed concrete, composite wire strand (except ACSR), and guard rail cable), made in plants that draw wire .....	2002..	N	X	X	424 191
		1997..	N	X	X	417 494
3312221201	Noninsulated ferrous wire forms and strand, made in plants that draw wire .....	2002..	16	X	X	424 191
		1997..	N	X	X	N
3312221Y	Noninsulated ferrous wire rope, cable, forms, and strand, made in plants that draw wire, nsk .....	2002..	N	X	X	484
		1997..	N	X	X	35
3312221YWV	Noninsulated ferrous wire rope, cable, forms, and strand, made in plants that draw wire, nsk .....	2002..	N	X	X	484
		1997..	N	X	X	35
3312223	Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire .....	2002..	N	X	X	266 261
		1997..	N	X	X	446 963
33122231	Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire .....	2002..	N	X	X	266 261
		1997..	N	X	X	437 538
3312223100	Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire .....	2002..	19	X	X	266 261
		1997..	N	X	X	N
3312225	Steel wire, including galvanized and other coated wire, made in plants that draw wire .....	2002..	N	X	X	1 757 059
		1997..	N	X	X	1 996 859
33122251	Steel wire, including galvanized and other coated wire, made in plants that draw wire .....	2002..	N	X	X	1 757 059
		1997..	N	X	X	1 996 859
3312225100	Steel wire, including galvanized and other coated wire, made in plants that draw wire .....	2002..	76	X	X	1 757 059
		1997..	83	X	X	1 996 859
3312227	Steel fencing and fence gates, made in plants that draw wire .....	2002..	N	X	X	299 653
		1997..	N	X	X	401 723
33122271	Steel fencing and fence gates, made in plants that draw wire .....	2002..	N	X	X	299 653
		1997..	N	X	X	397 978
3312227100	Steel fencing and fence gates, made in plants that draw wire .....	2002..	18	X	X	299 653
		1997..	N	X	X	N
3312229	Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire .....	2002..	N	X	X	62 598
		1997..	N	X	X	102 048
33122291	Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire .....	2002..	N	X	X	62 598
		1997..	N	X	X	102 048
3312229100	Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire .....	2002..	9	X	X	62 598
		1997..	6	X	X	102 048
331222B	Other ferrous wire products (excluding springs), made in plants that draw wire .....	2002..	N	X	X	680 911
		1997..	N	X	X	978 695
331222B1	Other ferrous wire products (excluding springs), made in plants that draw wire .....	2002..	N	X	X	680 911
		1997..	N	X	X	978 645
331222B100	Other ferrous wire products (excluding springs), made in plants that draw wire .....	2002..	36	X	X	680 911
		1997..	N	X	X	N
331222W	Steel wire drawing, nsk, total .....	2002..	N	X	X	161 776
		1997..	N	X	X	57 991

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331222	Steel wire drawing—Con.				
331222W	Steel wire drawing, nsk, total—Con.				
331222WY	Steel wire drawing, nsk, total	2002.. N	X	X	161 776
		1997.. N	X	X	57 991
331222WYWW	Steel wire drawing, nsk, for nonadministrative-record establishments	2002.. N	X	X	66 783
		1997.. N	X	X	17 257
331222WYWY	Steel wire drawing, nsk, for administrative-record establishments	2002.. N	X	X	94 993
		1997.. N	X	X	40 734
331311	Alumina refining	2002.. N	X	X	558 081
		1997.. N	X	X	1 019 017
3313110	Aluminum oxide, except natural alumina	2002.. N	X	X	558 081
		1997.. N	X	X	1 019 017
33131101	Aluminum oxide, except natural alumina	2002.. N	X	X	558 081
		1997.. N	X	X	1 019 017
3313110100	Aluminum oxide, except natural alumina <sup>18</sup>	2002.. 10	X	X	558 081
		1997.. 9	X	X	1 019 017
3313110Y	Aluminum oxide, except natural alumina, nsk, total	2002.. N	X	X	—
		1997.. N	X	X	—
3313110YWW	Aluminum oxide, except natural alumina, nsk, for nonadministrative-record establishments	2002.. N	X	X	—
		1997.. N	X	X	—
3313110YWY	Aluminum oxide, except natural alumina, nsk, for administrative-record establishments	2002.. N	X	X	—
		1997.. N	X	X	—
331312	Primary aluminum production	2002.. N	X	X	4 685 751
		1997.. N	X	X	6 116 371
3313120	Aluminum ingot, including billet, made in primary aluminum reduction plants	2002.. N	X	X	4 685 751
		1997.. N	X	X	N
33131201	Aluminum ingot, including billet, made in primary aluminum reduction plants	2002.. N	X	X	4 685 751
		1997.. N	X	X	N
3313120100	Aluminum ingot, including billet, made in primary aluminum reduction plants	2002.. 1,000 s tons.. 41	X	3 877.8	4 685 751
		1997.. N	N	N	N
3313120Y	Primary aluminum production, nsk, total	2002.. N	X	X	—
		1997.. N	X	X	N
3313120YWW	Primary aluminum production, nsk, for nonadministrative-record establishments	2002.. N	X	X	—
		1997.. N	X	X	N
3313120YWY	Primary aluminum production, nsk, for administrative-record establishments	2002.. N	X	X	—
		1997.. N	X	X	N
331314	Secondary smelting and alloying of aluminum	2002.. N	X	X	3 422 555
		1997.. N	X	X	3 357 627
3313142	Aluminum ingot, including billet, made by secondary smelters	2002.. N	X	X	2 952 464
		1997.. N	X	X	N
33131421	Aluminum ingot, including billet, made by secondary smelters	2002.. N	X	X	2 952 464
		1997.. N	X	X	N
3313142100	Aluminum ingot, including billet, made by secondary smelters	2002.. 1,000 s tons.. 50	13 231.5	S	2 952 464
		1997.. N	N	N	N
3313145	Aluminum and aluminum-base alloy powders, paste, and flakes from purchased aluminum	2002.. N	X	X	320 403
		1997.. N	X	X	194 538
33131451	Aluminum and aluminum-base alloy powders, paste, and flakes from purchased aluminum	2002.. N	X	X	320 403
		1997.. N	X	X	194 538
3313145100	Aluminum and aluminum-base alloy powders, paste, and flakes from purchased aluminum	2002.. 18 mil lb.. 16	D	S	320 403
		1997.. N	X	S	194 538
331314W	Secondary smelting and alloying of aluminum, nsk, total	2002.. N	X	X	149 688
		1997.. N	X	X	73 017
331314WY	Secondary smelting and alloying of aluminum, nsk, total	2002.. N	X	X	149 688
		1997.. N	X	X	73 017
331314WYWW	Secondary smelting and alloying of aluminum, nsk, for nonadministrative-record establishments	2002.. N	X	X	73 586
		1997.. N	X	X	73 017
331314WYWY	Secondary smelting and alloying of aluminum, nsk, for administrative-record establishments	2002.. N	X	X	76 102
		1997.. N	X	X	—
331315	Aluminum sheet, plate, and foil manufacturing	2002.. N	X	X	10 817 188
		1997.. N	X	X	12 483 031
3313151	Aluminum plate (thickness of 0.25 in. or more), including continuous cast	2002.. N	X	X	589 429
		1997.. N	X	X	923 131
33131511	Aluminum plate (thickness of 0.25 in. or more), including continuous cast	2002.. N	X	X	589 429
		1997.. N	X	X	923 131
3313151101	Heat-treatable aluminum plate (thickness of 0.25 in. or more), including continuous cast	2002.. 1,000 s tons.. 6	X	D	D
		1997.. 11	S	133.2	607 656
3313151106	Nonheat-treatable aluminum plate (thickness of 0.25 in. or more), including continuous cast	2002.. 1,000 s tons.. 5	D	D	D
		1997.. 8	123.6	124.4	315 475
3313151Y	Aluminum plate (thickness of 0.25 in. or more), including continuous cast, nsk	2002.. N	X	X	—
		1997.. N	X	X	—
3313151YWY	Aluminum plate (thickness of 0.25 in. or more), including continuous cast, nsk	2002.. N	X	X	—

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331315	Aluminum sheet, plate, and foil manufacturing—Con.				
3313151	Aluminum plate (thickness of 0.25 in. or more), including continuous cast—Con.				
3313151Y	Aluminum plate (thickness of 0.25 in. or more), including continuous cast, nsk—Con.				
3313151YVW	Aluminum plate (thickness of 0.25 in. or more), including continuous cast, nsk—Con.				
		1997..	N	X	X
		2002..	N	X	X
3313153	Aluminum sheet and strip, including continuous cast .....	2002..	N	X	X
		1997..	N	X	X
33131531	Flat aluminum sheet and strip, including continuous cast .....	2002..	N	X	X
		1997..	N	X	X
3313153101	Flat, heat-treatable aluminum sheet and strip, including continuous cast .....	1,000 s tons. 2002..	8	D	S
		1997..	12	¶61.9	66.2
3313153106	Flat, nonheat-treatable, bare and precoated aluminum sheet and strip, including continuous cast .....	1,000 s tons. 2002..	7	D	S
		1997..	9	S	275.3
33131532	Coiled aluminum sheet and strip, including continuous cast .....	2002..	N	X	X
		1997..	N	X	X
3313153211	Coiled, heat-treatable aluminum sheet and strip, including continuous cast .....	1,000 s tons. 2002..	14	498.6	¶538.9
		1997..	11	774.9	773.6
3313153216	Coiled, nonheat-treatable, bare aluminum sheet and strip, including continuous cast .....	1,000 s tons. 2002..	14	2 620.2	S
		1997..	20	¶3 132.0	2 848.0
3313153221	Coiled, nonheat-treatable, precoated, including only permanent finishes such as enameling and vinyl coatings aluminum sheet and strip, including continuous cast .....	1,000 s tons. 2002..	10	D	¶668.8
		1997..	18	¶1 041.7	¶1 061.0
3313153Y	Aluminum sheet and strip, including continuous cast, nsk .....	2002..	N	X	X
		1997..	N	X	X
3313153YVW	Aluminum sheet and strip, including continuous cast, nsk .....	2002..	N	X	X
		1997..	N	X	X
3313155	Plain aluminum foil (less than .006 in. thick) .....	2002..	N	X	X
		1997..	N	X	X
33131551	Plain aluminum foil (less than .006 in. thick) .....	2002..	N	X	X
		1997..	N	X	X
3313155100	Plain aluminum foil (less than .006 in. thick) .....	1,000 s tons. 2002..	10	291.0	S
		1997..	13	506.0	508.7
3313157	Aluminum welded tube .....	2002..	N	X	X
		1997..	N	X	X
33131571	Aluminum welded tube .....	2002..	N	X	X
		1997..	N	X	X
3313157100	Aluminum welded tube .....	1,000 s tons. 2002..	22	24.8	S
		1997..	N	N	N
331315W	Aluminum sheet, plate, and foil manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
331315WY	Aluminum sheet, plate, and foil manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
331315WYVW	Aluminum sheet, plate, and foil manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
331315WYVY	Aluminum sheet, plate, and foil manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
331316	Aluminum extruded product manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3313161	Extruded aluminum rod, bar, and other extruded shapes .....	2002..	N	X	X
		1997..	N	X	X
33131611	Extruded aluminum rod and bar, alloys other than 2000 and 7000 series .....	2002..	N	X	X
		1997..	N	X	X
3313161101	Extruded aluminum rod and bar, alloys other than 2000 and 7000 series .....	1,000 s tons. 2002..	45	D	¶1 059.5
		1997..	20	368.6	355.7
33131612	Extruded aluminum rod and bar, alloys in 2000 and 7000 series .....	2002..	N	X	X
		1997..	N	X	X
3313161206	Extruded aluminum rod and bar, alloys in 2000 and 7000 series .....	1,000 s tons. 2002..	9	D	¶172.3
		1997..	10	147.8	145.6
33131613	Other extruded aluminum shapes (except tube), alloys other than 2000 and 7000 series .....	2002..	N	X	X
		1997..	N	X	X
3313161311	Other extruded aluminum shapes (except tube), alloys other than 2000 and 7000 series .....	1,000 s tons. 2002..	38	D	S
		1997..	80	¶1 562.5	1 475.4
33131614	Other extruded aluminum shapes (except tube), alloys in 2000 and 7000 series .....	2002..	N	X	X
		1997..	N	X	X
3313161416	Other extruded aluminum shapes (except tube), alloys in 2000 and 7000 series .....	1,000 s tons. 2002..	19	85.1	S
		1997..	24	¶101.1	106.3
3313161Y	Extruded aluminum rod, bar, and other extruded shapes, nsk .....	2002..	N	X	X
		1997..	N	X	X
3313161YVW	Extruded aluminum rod, bar, and other extruded shapes, nsk .....	2002..	N	X	X
		1997..	N	X	X
3313163	Extruded and drawn aluminum tube .....	2002..	N	X	X
		1997..	N	X	X
33131631	Extruded and drawn aluminum tube .....	2002..	N	X	X
		1997..	N	X	X
3313163101	Extruded and drawn aluminum tube, alloys other than 2000 and 7000 series .....	1,000 s tons. 2002..	20	354.5	¶128.3

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331316	Aluminum extruded product manufacturing—Con.				
3313163	Extruded and drawn aluminum tube—Con.				
33131631	Extruded and drawn aluminum tube—Con.				
3313163101	Extruded and drawn aluminum tube, alloys other than 2000 and 7000 series—Con.	1997..	25	172.0	9157.7
3313163106	Extruded and drawn aluminum tube, alloys in 2000 and 7000 series .....	1,000 s tons..2002..	10	29.1	S
		1997..	17	74.9	974.2
3313163Y	Extruded and drawn aluminum tube, nsk .....	2002..	N	X	X
		1997..	N	X	X
3313163YVW	Extruded and drawn aluminum tube, nsk .....	2002..	N	X	X
		1997..	N	X	X
331316W	Aluminum extruded product manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
331316WY	Aluminum extruded product manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
331316WYWW	Aluminum extruded product manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
331316WYWY	Aluminum extruded product manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
331319	Other aluminum rolling and drawing .....	2002..	N	X	X
		1997..	N	X	X
3313192	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum .....	2002..	N	X	X
		1997..	N	X	X
33131921	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum .....	2002..	N	X	X
		1997..	N	X	X
3313192100	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum .....	2002..	19	X	X
		1997..	N	X	X
3313193	Rolled aluminum rod and bar (including continuous cast), made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum .....	2002..	N	X	X
		1997..	N	X	X
33131931	Rolled aluminum rod and bar (including continuous cast), made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum .....	2002..	N	X	X
		1997..	N	X	X
3313193100	Rolled aluminum rod and bar (including continuous cast), made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum .....	1,000 s tons..2002..	9	D	S
		1997..	8	N	238.8
331319D	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum .....	2002..	N	X	X
		1997..	N	X	X
331319D1	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum .....	2002..	N	X	X
		1997..	N	X	X
331319D100	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum .....	1,000 s tons..2002..	17	X	S
		1997..	N	X	N
331319E	Aluminum insulated wire and cable .....	2002..	N	X	X
		1997..	N	X	X
331319E1	Aluminum insulated wire and cable, including apparatus and magnet wire, made in aluminum rolling and drawing plants .....	2002..	N	X	X
		1997..	N	X	X
331319E101	Aluminum apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made in plants that draw wire .....	2002..	6	X	X
		1997..	N	X	X
331319E102	Aluminum magnet wire (except fiber optic), made in plants that draw wire .....	2002..	9	X	X
		1997..	N	X	X
331319E103	Aluminum insulated wire and cable for electrical transmission, made in aluminum rolling and drawing plants .....	2002..	3	X	X
		1997..	N	X	X
331319EY	Insulated wire and cable, nsk .....	2002..	N	X	X
		1997..	N	X	X
331319EYVW	Insulated wire and cable, nsk. ....	2002..	N	X	X
		1997..	N	X	X
331319W	Other aluminum rolling and drawing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
331319WY	Other aluminum rolling and drawing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
331319WYWW	Other aluminum rolling and drawing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
331319WYWY	Other aluminum rolling and drawing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
331411	Primary smelting and refining of copper .....	2002..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331411	Primary smelting and refining of copper—Con.				
	1997..	N	X	X	5 387 471
3314110	Primary smelting and refining of copper .....	2002..	N	X	2 205 347
	1997..	N	X	X	5 387 471
33141101	Refined primary copper and copper-base alloy and primary copper smelter products, not commercial grade, produced for further refining, including blister or anode copper, etc. ....	2002..	N	X	2 205 006
	1997..	N	X	X	5 387 412
3314110101	Primary copper smelter products, not of commercial grade, produced for further refining, including blister or anode copper, etc. .... 1,000 s tons.	2002..	7	D	D
	1997..	8	1 440.6	1 420.7	2 100 548
3314110113	Other refined primary copper and copper-base alloy (including cathode, wire bar, ingot and ingot bar, cakes, slabs, shot, etc.) .... 1,000 s tons.	2002..	8	X	D
	1997..	N	X	N	N
3314110Y	Primary copper, nsk, total .....	2002..	N	X	341
	1997..	N	X	X	59
3314110YWW	Primary copper, nsk, for nonadministrative-record establishments .....	2002..	N	X	341
	1997..	N	X	X	59
3314110YWY	Primary copper, nsk, for administrative-record establishments .....	2002..	N	X	—
	1997..	N	X	X	—
331419	Primary smelting and refining of nonferrous metal (except copper and aluminum) .....	2002..	N	X	2 517 039
	1997..	N	X	X	3 704 645
3314193	Primary smelting and refining of zinc .....	2002..	N	X	246 553
	1997..	N	X	X	505 366
33141931	Refined primary unalloyed zinc slab and zinc-base alloy, including unalloyed dust .....	2002..	N	X	241 149
	1997..	N	X	X	505 366
3314193101	Refined primary unalloyed zinc, including all ASTM specification zinc .....	2002..	7	X	154 810
	1997..	6	X	X	354 984
3314193111	Refined primary zinc-base alloys .... 1,000 s tons.	2002..	5	X	86 339
	1997..	8	S	S	150 382
3314193Y	Primary smelting and refining of zinc, nsk .....	2002..	N	X	5 404
	1997..	N	X	X	—
3314193YWV	Primary smelting and refining of zinc, nsk .....	2002..	N	X	5 404
	1997..	N	X	X	—
3314197	Primary precious metals and precious metal alloys .....	2002..	N	X	646 552
	1997..	N	X	X	707 530
33141971	Primary gold and gold alloys .....	2002..	N	X	338 853
	1997..	N	X	X	411 250
3314197101	Primary gold and gold alloys .... 1,000 troy ounces.	2002..	11	1 208.0	338 853
	1997..	18	91 982.6	P1 961.6	411 250
33141972	Primary silver and silver alloys .....	2002..	N	X	178 523
	1997..	N	X	X	266 029
3314197206	Primary silver and silver alloys .... 1,000 troy ounces.	2002..	9	X	178 523
	1997..	15	S	P38 194.0	266 029
33141973	Primary platinum and platinum alloys, including platinum-group metals .....	2002..	N	X	110 538
	1997..	N	X	X	30 251
3314197311	Primary platinum and platinum alloys, including platinum-group metals .... 1,000 troy ounces.	2002..	8	D	S
	1997..	9	211.9	103.4	110 538
3314197Y	Primary precious metals and precious metal alloys, nsk .....	2002..	N	X	30 251
	1997..	N	X	X	18 638
3314197YWV	Primary precious metals and precious metal alloys, nsk .....	2002..	N	X	—
	1997..	N	X	X	18 638
331419A	All other miscellaneous primary nonferrous metals .....	2002..	N	X	1 519 949
	1997..	N	X	X	N
331419A1	Primary lead smelter products not of commercial grade, produced for further refining .....	2002..	N	X	1 518 393
	1997..	N	X	X	N
331419A101	Primary lead and lead-base alloys .....	2002..	9	X	264 748
	1997..	N	X	X	N
331419A103	Primary magnesium and magnesium-base alloys .... 1,000 s tons.	2002..	5	D	S
	1997..	N	N	N	124 875
331419A121	Primary unalloyed silicon .....	2002..	8	X	N
	1997..	N	X	X	333 258
331419A127	Other primary unrefined nonferrous metals, including metal bearing furnace residues, zinc residues, zinc smelter products (base bullion, matte, speiss, etc.) and other metal products .....	2002..	12	X	X
	1997..	N	X	X	121 075
331419A131	Other primary refined nonferrous metals and alloys (including nickel, tin, cadmium, antimony, cobalt, molybdenum, titanium sponge, etc.) .....	2002..	27	X	X
	1997..	N	X	X	674 437
331419AY	All other miscellaneous primary nonferrous metals, nsk .....	2002..	N	X	X
	1997..	N	X	X	1 556
331419AYWV	All other miscellaneous primary nonferrous metals, nsk .....	2002..	N	X	X
	1997..	N	X	X	1 556
331419W	Primary smelting and refining of nonferrous metal (except copper and aluminum), nsk, total .....	2002..	N	X	X
	1997..	N	X	X	103 985
331419WY	Primary smelting and refining of nonferrous metal (except copper and aluminum), nsk, total .....	2002..	N	X	X
	1997..	N	X	X	116 194
331419WYWW	Primary smelting and refining of nonferrous metal (except copper and aluminum), nsk, for nonadministrative-record establishments .....	2002..	N	X	X
	1997..	N	X	X	39 389
					50 354

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)—Con.					
331419W	Primary smelting and refining of nonferrous metal (except copper and aluminum), nsk, total—Con.					
331419WY	Primary smelting and refining of nonferrous metal (except copper and aluminum), nsk, total—Con.					
331419WYWY	Primary smelting and refining of nonferrous metal (except copper and aluminum), nsk, for administrative-record establishments					
		2002..	N	X	X	64 596
		1997..	N	X	X	65 840
331421	Copper rolling, drawing, and extruding	2002..	N	X	X	5 884 802
		1997..	N	X	X	7 107 699
3314211	Copper wire, bare and tinned (nonelectrical), made in rolling mills	2002..	N	X	X	306 884
		1997..	N	X	X	316 744
33142111	Unalloyed copper wire, bare and tinned (nonelectrical), made in rolling mills	2002..	N	X	X	169 772
		1997..	N	X	X	188 616
3314211101	Unalloyed copper wire, bare and tinned (nonelectrical), made in rolling mills	1,000 s tons..2002..	12	92.2	S	169 772
		1997..	11	109.3	102.4	188 616
33142112	Alloyed copper wire, bare and tinned (nonelectrical), made in rolling mills	2002..	N	X	X	118 265
		1997..	N	X	X	128 128
3314211206	Alloyed copper wire, bare and tinned (nonelectrical), made in rolling mills	1,000 s tons..2002..	16	D	S	118 265
		1997..	18	P43.3	32.3	128 128
3314211Y	Copper wire, bare and tinned (nonelectrical), made in rolling mills, nsk	2002..	N	X	X	18 847
		1997..	N	X	X	—
3314211YWV	Copper wire, bare and tinned (nonelectrical), made in rolling mills, nsk	2002..	N	X	X	18 847
		1997..	N	X	X	—
3314213	Copper and copper-base alloy rod, bar, and shapes	2002..	N	X	X	2 673 569
		1997..	N	X	X	2 675 502
33142131	Unalloyed copper and copper-base alloy rod, bar, and shapes (except electric rod)	2002..	N	X	X	923 870
		1997..	N	X	X	818 528
3314213101	Unalloyed copper and copper-base alloy rod, bar, and shapes (except electric rod)	1,000 s tons..2002..	9	609.2	580.6	923 870
		1997..	13	576.2	562.0	818 528
33142132	Alloyed copper and copper-base alloy rod, bar, and shapes (except electric rod)	2002..	N	X	X	1 749 699
		1997..	N	X	X	1 856 974
3314213206	Alloyed copper and copper-base alloy rod, bar, and shapes (except electric rod)	1,000 s tons..2002..	15	1 987.4	1 752.5	1 749 699
		1997..	24	982.2	P1 053.2	1 856 974
3314213Y	Copper and copper-base alloy rod, bar, and shapes, nsk	2002..	N	X	X	—
		1997..	N	X	X	—
3314213YWV	Copper and copper-base alloy rod, bar, and shapes, nsk	2002..	N	X	X	—
		1997..	N	X	X	—
3314217	Copper and copper-base alloy sheet, strip, and plate	2002..	N	X	X	1 083 062
		1997..	N	X	X	1 823 193
33142171	Unalloyed copper and copper-base alloy sheet, strip, and plate	2002..	N	X	X	409 941
		1997..	N	X	X	411 335
3314217101	Unalloyed copper and copper-base alloy sheet, strip, and plate	1,000 s tons..2002..	10	213.6	Q214.6	409 941
		1997..	13	P197.8	P182.5	411 335
33142172	Alloyed copper and copper-base alloy sheet, strip, and plate (including military cups and discs)	2002..	N	X	X	673 121
		1997..	N	X	X	1 411 858
3314217206	Alloyed copper and copper-base alloy sheet, strip, and plate (including military cups and discs)	1,000 s tons..2002..	11	247.8	Q253.1	673 121
		1997..	17	397.7	Q482.9	1 411 858
3314217Y	Copper and copper-base alloy sheet, strip, and plate, nsk	2002..	N	X	X	—
		1997..	N	X	X	—
3314217YWV	Copper and copper-base alloy sheet, strip, and plate, nsk	2002..	N	X	X	—
		1997..	N	X	X	—
3314219	Copper and copper-base alloy pipe and tube	2002..	N	X	X	1 779 723
		1997..	N	X	X	2 270 688
33142193	Other alloyed and unalloyed copper and copper-base pipe and tube	2002..	N	X	X	1 268 473
		1997..	N	X	D	D
3314219306	Other unalloyed copper and copper-base alloy pipe and tube	1,000 s tons..2002..	10	161.0	P160.4	473 093
		1997..	7	P100.9	84.3	365 077
3314219316	Other alloyed copper and copper-base alloy pipe and tube	1,000 s tons..2002..	8	363.3	334.3	795 380
		1997..	17	D	D	D
33142194	Copper and copper-base alloy plumbing piping and tube	2002..	N	X	X	313 487
		1997..	N	X	X	N
3314219401	Copper and copper-base alloy plumbing pipe and tube	1,000 s tons..2002..	6	X	170.9	313 487
		1997..	N	X	N	N
3314219Y	Copper and copper-base alloy pipe and tube, nsk	2002..	N	X	X	197 763
		1997..	N	X	X	—
3314219YWV	Copper and copper-base alloy pipe and tube, nsk	2002..	N	X	X	197 763
		1997..	N	X	X	—
331421W	Copper rolling, drawing, and extruding, nsk, total	2002..	N	X	X	41 564
		1997..	N	X	X	21 572
331421WY	Copper rolling, drawing, and extruding, nsk, total	2002..	N	X	X	41 564
		1997..	N	X	X	21 572
331421WYWV	Copper rolling, drawing, and extruding, nsk, for nonadministrative-record establishments	2002..	N	X	X	8 308
		1997..	N	X	X	1 637
331421WYWY	Copper rolling, drawing, and extruding, nsk, for administrative-record establishments	2002..	N	X	X	33 256

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331421	Copper rolling, drawing, and extruding—Con.				
331421W	Copper rolling, drawing, and extruding, nsk, total—Con.				
331421WY	Copper rolling, drawing, and extruding, nsk, total—Con.				
331421WYWY	Copper rolling, drawing, and extruding, nsk, for administrative-record establishments—Con.				
		1997..	N	X	19 935
331422	Copper wire (except mechanical) drawing .....	2002..	N	X	2 778 954
		1997..	N	X	914 402
3314222	Copper and copper-base alloy wire, strand, and cable, made in plants that draw wire .....	2002..	N	X	711 260
		1997..	N	X	N
33142221	Bare copper wire for electrical transmission, made in plants that draw wire .....	2002..	N	X	212 301
		1997..	N	X	N
3314222101	Bare unalloyed copper wire for electrical transmission, made in plants that draw wire .....	1,000 s tons.. 2002..	12	252.9	116 015
		1997..	N	N	N
3314222106	Bare alloyed copper wire for electrical transmission, made in plants that draw wire .....	2002..	7	X	96 286
		1997..	N	X	N
33142222	Other copper and copper-base alloy wire, strand, and cable, made in plants that draw wire .....	2002..	N	X	498 959
		1997..	N	X	N
3314222211	Bare copper and copper-base alloy strand and cable for electrical transmission, made in plants that draw wire .....	1,000 s tons.. 2002..	21	1 222.5	271 085
		1997..	N	N	N
3314222216	Other copper and copper-base alloy wire, strand, and cable (including wire cloth, woven wire products, and electrical wire rod), made in plants that draw wire .....	2002..	16	X	227 874
		1997..	N	X	N
3314222Y	Copper and copper-base alloy wire, strand, and cable, made in plants that draw wire, nsk .....	2002..	N	X	—
		1997..	N	X	N
3314222YWV	Copper and copper-base alloy wire, strand, and cable, made in plants that draw wire, nsk .....	2002..	N	X	—
		1997..	N	X	N
3314224	Copper wire and cable, including apparatus wire, cord, and flexible cord sets, made in copper wire drawing plants .....	2002..	N	X	1 257 062
		1997..	N	X	N
33142242	Copper wire and cable, including apparatus wire, cord, and flexible cord sets, made in copper wire drawing plants .....	2002..	N	X	1 257 062
		1997..	N	X	N
3314224213	Insulated copper wire and cable for electrical transmission, made in copper wire drawing plants .....	2002..	18	X	819 379
		1997..	N	X	N
3314224218	Copper apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made in plants that draw wire .....	2002..	19	X	437 683
		1997..	N	X	N
3314224Y	Copper wire and cable, including apparatus wire, cord, and flexible cord sets, made in copper wire drawing plants, nsk .....	2002..	N	X	—
		1997..	N	X	N
3314224YWV	Copper wire and cable, including apparatus wire, cord, and flexible cord sets, made in copper wire drawing plants, nsk .....	2002..	N	X	—
		1997..	N	X	N
3314225	Copper magnet wire (except fiber optic), made in plants that draw wire .....	2002..	N	X	769 401
		1997..	N	X	N
33142251	Copper magnet wire (except fiber optic), made in plants that draw wire .....	2002..	N	X	769 401
		1997..	N	X	N
3314225100	Copper magnet wire (except fiber optic), made in plants that draw wire <sup>27</sup> .....	2002..	14	X	769 401
		1997..	N	X	N
331422W	Copper wire (except mechanical) drawing, nsk, total .....	2002..	N	X	41 231
		1997..	N	X	—
331422WY	Copper wire (except mechanical) drawing, nsk, total .....	2002..	N	X	41 231
		1997..	N	X	—
331422WYWV	Copper wire (except mechanical) drawing, nsk, for nonadministrative-record establishments .....	2002..	N	X	17 308
		1997..	N	X	—
331422WYWY	Copper wire (except mechanical) drawing, nsk, for administrative-record establishments .....	2002..	N	X	23 923
		1997..	N	X	—
331423	Secondary smelting, refining, and alloying of copper .....	2002..	N	X	625 812
		1997..	N	X	1 094 557
3314230	Secondary smelting, refining, and alloying of copper .....	2002..	N	X	625 812
		1997..	N	X	1 094 557
33142304	Secondary copper and copper-base alloy powders, paste, and flakes .....	2002..	N	X	118 334
		1997..	N	X	N
3314230406	Secondary copper and copper-base alloy powders, paste, and flakes .....	mil lb.. 2002..	11	X	118 334
		1997..	N	X	N
33142305	Other refined secondary copper and copper-base alloy (including cathode, wire bar, ingot and ingot bar, cakes, slabs, shot, etc.) .....	2002..	N	X	491 588
		1997..	N	X	N
3314230501	Other refined secondary copper and copper-base alloy (including cathode, wire bar, ingot and ingot bar, cakes, slabs, shot, etc.) .....	1,000 s tons.. 2002..	21	X	491 588
		1997..	N	X	N
3314230Y	Secondary smelting, refining, and alloying of copper, nsk, total .....	2002..	N	X	15 890

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331423	Secondary smelting, refining, and alloying of copper—Con.				
3314230	Secondary smelting, refining, and alloying of copper—Con.				
3314230Y	Secondary smelting, refining, and alloying of copper, nsk, total—Con.				
	1997..	N	X	X	—
3314230YWW	Secondary smelting, refining, and alloying of copper, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
	1997..	N	X	X	11 191
3314230YWY	Secondary smelting, refining, and alloying of copper, nsk, for administrative-record establishments .....	2002..	N	X	X
	1997..	N	X	X	4 699
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	2002..	N	X	X
	1997..	N	X	X	4 099 079
3314912	Nickel and nickel-base alloy mill shapes .....	2002..	N	X	X
	1997..	N	X	X	1 052 211
33149121	Nickel and nickel-base alloy plate, sheet, strip, and wire .....	2002..	N	X	X
	1997..	N	X	X	1 046 327
3314912101	Nickel and nickel-base alloy plate, sheet, and strip, excluding nickel-copper alloys .....	1,000 s tons..2002..	11	D	S
	1997..	N	N	N	517 462
3314912111	Nickel-copper alloy mill shapes and forms (except wire) .....	1,000 s tons..2002..	9	D	D
	1997..	N	N	N	N
3314912118	Nickel and nickel alloy wire, including insulated wire and cable .....	1,000 s tons..2002..	11	9.5	P9.5
	1997..	N	N	N	118 250
3314912106	Other nickel and nickel-base alloy mill shapes, excluding nickel-copper alloys and wire .....	1,000 s tons..2002..	8	31.1	D
	1997..	N	N	N	D
3314912Y	Nickel and nickel-base alloy mill shapes, nsk .....	2002..	N	X	X
	1997..	N	X	X	5 884
3314912YWW	Nickel and nickel-base alloy mill shapes, nsk .....	2002..	N	X	X
	1997..	N	X	X	5 884
3314913	Titanium and titanium-base alloy mill shapes .....	2002..	N	X	X
	1997..	N	X	X	864 536
33149131	Titanium and titanium-base alloy mill shapes .....	2002..	N	X	X
	1997..	N	X	X	1 531 313
3314913101	Titanium and titanium-base alloy ingot .....	1,000 s tons..2002..	3	D	9.1
	1997..	6	S	P33.1	113 506
3314913106	Forging and extrusion titanium and titanium-alloy ingot (billet) .....	1,000 s tons..2002..	7	D	S
	1997..	6	S	S	268 609
3314913111	Other titanium and titanium-base alloy mill shapes (including sheet, plate, tubing, bar, etc.), excluding wire .....	1,000 s tons..2002..	18	22.4	918.1
	1997..	20	S	S	482 421
3314913Y	Titanium and titanium-base alloy mill shapes, nsk .....	2002..	N	X	X
	1997..	N	X	X	695 691
3314913YWW	Titanium and titanium-base alloy mill shapes, nsk .....	2002..	N	X	X
	1997..	N	X	X	5 572
331491A	Precious metal mill shapes .....	2002..	N	X	X
	1997..	N	X	X	687 034
331491A1	Other precious metal mill shapes, excluding wire .....	2002..	N	X	X
	1997..	N	X	X	687 034
331491A101	Gold mill shapes, excluding wire .....	2002..	9	X	X
	1997..	N	X	X	235 472
331491A106	Silver mill shapes, excluding wire .....	2002..	8	X	X
	1997..	N	X	X	80 067
331491A118	Precious metal wire, including insulated wire and cable .....	2002..	14	X	X
	1997..	N	X	X	250 442
331491A111	Other precious metal mill shapes, including platinum-group metals, excluding wire .....	2002..	10	X	X
	1997..	N	X	X	121 053
331491AY	Precious metal mill shapes, nsk .....	2002..	N	X	X
	1997..	N	X	X	—
331491AYWW	Precious metal mill shapes, nsk .....	2002..	N	X	X
	1997..	N	X	X	—
331491D	All other nonferrous metal mill shapes .....	2002..	N	X	X
	1997..	N	X	X	1 111 845
331491D1	Other nonferrous metal rolled, drawn, and extruded shapes, excluding wire .....	2002..	N	X	X
	1997..	N	X	X	921 260
331491D106	Lead and lead-base alloy plate, sheet, and strip, excluding wire .....	1,000 s tons..2002..	18	192.4	S
	1997..	N	N	N	191 428
331491D111	Other rolled, drawn, and extruded lead and lead-base alloy mill shapes (including pipe, tubing, traps, and bends), excluding wire .....	2002..	20	X	X
	1997..	N	X	X	110 936
331491D121	Tungsten and tungsten-base alloy mill shapes, excluding wire .....	2002..	7	X	X
	1997..	N	X	X	21 765
331491D126	Molybdenum and molybdenum-base alloy mill shapes, excluding wire .....	2002..	7	X	X
	1997..	N	X	X	50 571
331491D141	Other nonferrous metals, rolled, drawn, and extruded shapes, excluding wire .....	2002..	23	X	X
	1997..	N	X	X	546 560
331491D2	Other nonferrous wire (except copper, aluminum, nickel, and precious metals) .....	2002..	N	X	X
	1997..	N	X	X	189 944
331491D218	Other nonferrous wire (except copper, aluminum, nickel, and precious metals), including insulated wire and cable .....	2002..	17	X	X
	1997..	N	X	X	189 944
331491DY	All other nonferrous metal mill shapes, nsk .....	2002..	N	X	X
	1997..	N	X	X	641
331491DYWW	All other nonferrous metal mill shapes, nsk .....	2002..	N	X	X
	1997..	N	X	X	641

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding—Con.				
331491F	Apparatus wire and cord and flexible cord sets (except aluminum, copper, wiring harnesses and fiber optic), made in plants that draw wire	2002.. N 1997.. N	X X	X X	62 144 N
331491F1	Apparatus wire and cord and flexible cord sets (except aluminum, copper, wiring harnesses and fiber optic), made in plants that draw wire	2002.. N 1997.. N	X X	X X	62 144 N
331491F100	Apparatus wire and cord and flexible cord sets (except aluminum, copper, wiring harnesses and fiber optic), made in plants that draw wire	2002.. 6 1997.. N	X X	X X	62 144 N
331491H	Magnet wire, (except aluminum and copper), made in plants that draw wire	2002.. N 1997.. N	X X	X X	14 693 N
331491H1	Magnet wire, (except aluminum and copper), made in plants that draw wire	2002.. N 1997.. N	X X	X X	14 693 N
331491H100	Magnet wire, (except aluminum and copper), made in plants that draw wire <sup>27</sup>	2002.. 5 1997.. N	X X	X X	14 693 N
331491W	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding, nsk, total	2002.. N 1997.. N	X X	X X	306 616 212 934
331491WY	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding, nsk, total	2002.. N 1997.. N	X X	X X	306 616 212 934
331491WYWW	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	169 643 104 237
331491WYWY	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	136 973 108 697
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	2002.. N 1997.. N	X X	X X	2 390 997 3 079 695
3314921	Other nonferrous metal powders, paste, and flakes	2002.. N 1997.. N	X X	X X	991 329 963 564
33149211	Secondary nickel-cobalt-base superalloy metal powders, paste, and flakes	2002.. N 1997.. N	X X	X X	212 226 114 616
3314921101	Secondary nickel-cobalt-base superalloy metal powders, paste, and flakes	2002.. 19 1997.. 12	X X	S 21.6	212 226 114 616
33149212	Tungsten and tungsten-base alloy powders, paste, and flakes	2002.. N 1997.. N	X X	X X	158 382 183 780
3314921206	Tungsten and tungsten-base alloy powders, paste, and flakes	2002.. 8 1997.. 6	X X	S 24.2	158 382 183 780
33149215	Other primary nonferrous metal powders, paste, and flakes	2002.. N 1997.. N	X X	X X	618 046 N
3314921519	Molybdenum, titanium and tantalum powders, paste, and flakes	2002.. 5 1997.. N	X X	X X	119 956 N
3314921526	Secondary precious metal and precious-metal-base alloy powders, paste, and flakes (gold, silver, platinum, etc.)	2002.. 20 1997.. N	X X	S N	244 441 N
3314921531	Other nonferrous metal powders, paste, and flakes	2002.. 36 1997.. N	X X	X X	253 649 N
3314921Y	Other nonferrous metal powders, paste, and flakes, nsk	2002.. N 1997.. N	X X	X X	2 675 N
3314921YWV	Other nonferrous metal powders, paste, and flakes, nsk	2002.. N 1997.. N	X X	X X	2 675 N
3314927	Secondary smelting, refining, and alloying of zinc	2002.. N 1997.. N	X X	X X	169 477 303 964
33149271	Refined secondary unalloyed zinc, including all ASTM specification zinc	2002.. N 1997.. N	X X	X X	D 80 738
3314927101	Refined secondary unalloyed zinc, including all ASTM specification zinc	2002.. 2 1997.. 5	X X	X X	D 80 738
33149272	Refined secondary zinc-base alloys	2002.. N 1997.. N	X X	X X	D 223 226
3314927206	Refined secondary zinc-base alloys	2002.. 5 1997.. 9	X X	D S	D 223 226
3314927Y	Secondary smelting, refining, and alloying of zinc, nsk	2002.. N 1997.. N	X X	X X	31 891 N
3314927YWV	Secondary smelting, refining, and alloying of zinc, nsk	2002.. N 1997.. N	X X	X X	31 891 N
3314929	Secondary precious metals and precious metal alloys	2002.. N 1997.. N	X X	X X	277 531 466 533
33149291	Secondary gold and gold alloys	2002.. N 1997.. N	X X	X X	151 779 234 424
3314929101	Secondary gold and gold alloys	2002.. 9 1997.. 18	X X	X X	151 779 234 424
33149292	Secondary silver, silver alloys, platinum, and platinum alloys	2002.. N 1997.. N	X X	X X	83 764 232 109
3314929206	Secondary silver and silver alloys	2002.. 6 1997.. 15	X X	X X	19 189 129 030
3314929211	Secondary platinum and platinum alloys, including platinum-group metals	2002.. 8	X	X	64 575

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**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)—Con.				
3314929	Secondary precious metals and precious metal alloys—Con.				
33149292	Secondary silver, silver alloys, platinum, and platinum alloys—Con.				
3314929211	Secondary platinum and platinum alloys, including platinum-group metals—Con.				
		1997..	9	X	103 079
3314929Y	Secondary precious metals and precious metal alloys, nsk .....	2002..	N	X	41 988
		1997..	N	X	—
3314929YVW	Secondary precious metals and precious metal alloys, nsk .....	2002..	N	X	41 988
		1997..	N	X	—
331492B	All other miscellaneous secondary nonferrous metals .....	2002..	N	X	800 094
		1997..	N	X	N
331492B1	Secondary unalloyed lead (pig, ingots, shot, etc.) .....	2002..	N	X	300 876
		1997..	N	X	N
331492B101	Secondary unalloyed lead (pig, ingots, shot, etc.) .....	2002..	10	X	300 876
		1997..	N	X	N
331492B2	Secondary antimonial lead- and tin-base alloys .....	2002..	N	X	167 711
		1997..	N	X	N
331492B208	Secondary lead- and tin-base alloy antimonial lead and babbitt metal .....	2002..	6	X	110 224
		1997..	N	X	N
331492B216	Secondary lead- and tin-base alloy solder .....	2002..	6	X	22 718
		1997..	N	X	N
331492B221	Other secondary lead- and tin-base alloys, including type metal .....	2002..	5	X	34 769
		1997..	N	X	N
331492B3	Other secondary nonferrous additive alloys .....	2002..	N	X	250 964
		1997..	N	X	N
331492B301	Secondary nonferrous superalloys (superior heat and creep resistant alloys) .....	2002..	4	X	D
		1997..	N	X	N
331492B313	Other secondary refined nonferrous metals and alloys (including nickel, tin, cadmium, antimony, cobalt, molybdenum, titanium sponge, etc.) .....	2002..	24	X	D
		1997..	N	X	N
331492B4	Other secondary nonferrous products made in electric and other furnaces .....	2002..	N	X	75 446
		1997..	N	X	N
331492B411	Other secondary nonferrous products made in electric and other furnaces .....	2002..	6	X	75 446
		1997..	N	X	N
331492BY	All other miscellaneous secondary nonferrous metals, nsk .....	2002..	N	X	5 097
		1997..	N	X	N
331492BYVW	All other miscellaneous secondary nonferrous metals, nsk .....	2002..	N	X	5 097
		1997..	N	X	N
331492W	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum), nsk, total .....	2002..	N	X	152 566
		1997..	N	X	219 800
331492WY	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum), nsk, total .....	2002..	N	X	152 566
		1997..	N	X	219 800
331492WYVW	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum), nsk, for nonadministrative-record establishments .....	2002..	N	X	94 868
		1997..	N	X	127 555
331492WYVY	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum), nsk, for administrative-record establishments .....	2002..	N	X	57 698
		1997..	N	X	92 245
331511	Iron foundries .....	2002..	N	X	9 802 062
		1997..	N	X	11 875 995
3315111	Ductile iron pressure pipe and fittings .....	2002..	N	X	1 590 295
		1997..	N	X	1 542 695
33151112	Ductile iron pressure pipe, less than 14 in. (inside diameter) .....	2002..	N	X	665 631
		1997..	N	X	895 317
3315111201	Ductile iron pressure pipe, less than 14 in. (inside diameter) <sup>28</sup> .....	2002..	12	X	665 631
	1,000 s tons.	1997..	16	X	1 476.3
33151111	Ductile iron pressure pipes and iron-fittings, all sizes .....	2002..	N	X	915 575
		1997..	N	X	647 378
3315111106	Ductile iron pressure pipe, 14 in. or more (inside diameter) <sup>28</sup> .....	2002..	10	X	838.2
	1,000 s tons.	1997..	9	X	279 317
3315111111	Ductile iron fittings, less than 14 in. (inside diameter) <sup>28</sup> .....	2002..	14	X	318 747
	1,000 s tons.	1997..	23	X	286 150
3315111116	Ductile iron fittings, 14 in. or more (inside diameter) <sup>28</sup> .....	2002..	14	X	96 058
	1,000 s tons.	1997..	13	X	81 911
3315111Y	Ductile iron pressure pipe and fittings, nsk .....	2002..	N	X	9 089
		1997..	N	X	—
3315111YVW	Ductile iron pressure pipe and fittings, nsk .....	2002..	N	X	9 089
		1997..	N	X	—
3315113	Other ductile iron castings .....	2002..	N	X	2 948 924
		1997..	N	X	3 471 990
33151131	Other ductile iron castings for automotive uses .....	2002..	N	X	1 928 882
		1997..	N	X	1 620 369
3315113101	Other ductile iron castings for automotive uses <sup>28</sup> .....	2002..	50	X	1 928 882
	1,000 s tons.	1997..	46	X	1 620 369
33151132	Other ductile iron castings for all other uses .....	2002..	N	X	1 012 764
		1997..	N	X	1 851 621
3315113206	Other ductile iron castings for construction and utility uses <sup>28</sup> .....	2002..	57	X	172 516
	1,000 s tons.	1997..	57	X	167 428
3315113211	Other ductile iron castings for valve uses <sup>28</sup> .....	2002..	45	X	99 478
	1,000 s tons.	1997..	47	X	138 719
3315113216	Other ductile iron castings for machinery uses .....	2002..	84	X	303 597

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331511	Iron foundries—Con.				
3315113	Other ductile iron castings—Con.				
33151132	Other ductile iron castings for all other uses—Con.				
3315113216	Other ductile iron castings for machinery uses—Con.	1997..	112	X	P273.6 412 546
3315113221	Other ductile iron castings for all other uses, including electric and electronic equipment uses, heat-resistant parts (including coke oven door parts) <sup>28</sup> .....	1,000 s tons..2002..	88	X	S 437 173
		1997..	128	X	S 1 132 928
3315113Y	Other ductile iron castings, nsk .....	2002..	N	X	X 7 278
		1997..	N	X	X —
3315113YVW	Other ductile iron castings, nsk .....	2002..	N	X	X 7 278
		1997..	N	X	X —
3315115	Cast iron pressure pipe and fittings .....	2002..	N	X	X 35 398
		1997..	N	X	X 63 802
33151151	Cast iron pressure pipe fittings, all sizes .....	2002..	N	X	X 34 840
		1997..	N	X	X 63 802
3315115101	Cast iron pressure pipe, less than 14 in. (inside diameter) .....	2002..	6	X	X 13 459
		1997..	12	X	X 26 139
3315115106	Cast iron pressure pipe, 14 in. or more (inside diameter) .....	2002..	4	X	X 3 105
		1997..	6	X	X 3 175
3315115111	Cast iron pressure pipe fittings, less than 14 in. (inside diameter) .....	1,000 s tons..2002..	10	X	¶6.9 11 065
		1997..	18	X	¶17.9 28 994
3315115116	Cast iron pressure pipe fittings, 14 in. or more (inside diameter) .....	1,000 s tons..2002..	9	X	8.2 7 211
		1997..	9	X	S 5 494
3315115Y	Cast iron pressure pipe and fittings, nsk .....	2002..	N	X	X 558
		1997..	N	X	X —
3315115YVW	Cast iron pressure pipe and fittings, nsk .....	2002..	N	X	X 558
		1997..	N	X	X —
3315117	Cast iron soil pipe and fittings, all sizes .....	2002..	N	X	X 309 976
		1997..	N	X	X 254 152
33151171	Cast iron soil pipe fittings, all sizes .....	2002..	N	X	X 307 410
		1997..	N	X	X 254 152
3315117101	Cast iron soil pipe, 3 in. or less (inside diameter) <sup>28</sup> .....	1,000 s tons..2002..	4	X	D D
		1997..	3	X	D D
3315117106	Cast iron soil pipe, more than 3 in. up to but not including 5 in. (inside diameter) <sup>28</sup> .....	1,000 s tons..2002..	6	X	D D
		1997..	4	X	D D
3315117111	Cast iron soil pipe, 5 in. or more (inside diameter) <sup>28</sup> .....	1,000 s tons..2002..	5	X	D D
		1997..	6	X	S 76 663
3315117116	Cast iron soil pipe fittings (including special fittings), 3 in. or less (inside diameter) <sup>28</sup> .....	1,000 s tons..2002..	4	X	D D
		1997..	5	X	¶11.0 16 427
3315117121	Cast iron soil pipe fittings (including special fittings), more than 3 in. up to but not including 5 in. (inside diameter) <sup>28</sup> .....	1,000 s tons..2002..	4	X	¶18.7 28 478
		1997..	7	X	S 64 418
3315117126	Cast iron soil pipe fittings (including special fittings), 5 in. or more (inside diameter) <sup>28</sup> .....	1,000 s tons..2002..	6	X	36.1 68 894
		1997..	6	X	S 18 554
3315117Y	Cast iron soil pipe and fittings, all sizes, nsk .....	2002..	N	X	X 2 566
		1997..	N	X	X —
3315117YVW	Cast iron soil pipe and fittings, all sizes, nsk .....	2002..	N	X	X 2 566
		1997..	N	X	X —
3315119	Other gray iron castings .....	2002..	N	X	X 4 475 717
		1997..	N	X	X 6 055 346
33151192	Other gray iron castings for automotive uses .....	2002..	N	X	X 2 290 477
		1997..	N	X	X 2 510 531
3315119206	Other gray iron castings for automotive uses .....	1,000 s tons..2002..	56	X	X 2 290 477
		1997..	53	X	S 2 510 531
33151191	Other gray iron castings for all other uses .....	2002..	N	X	X 2 182 689
		1997..	N	X	X 3 544 815
3315119101	Gray iron rolls for rolling mills <sup>28</sup> .....	1,000 s tons..2002..	11	X	S 141 972
		1997..	11	X	S 167 716
3315119111	Other gray iron castings for construction and utility uses .....	1,000 s tons..2002..	84	X	¶610.2 752 658
		1997..	84	X	¶691.2 871 455
3315119116	Other gray iron castings for all other uses <sup>28</sup> .....	1,000 s tons..2002..	175	X	S 1 288 059
		1997..	274	X	¶2 313.1 2 505 644
3315119Y	Other gray iron castings, nsk .....	2002..	N	X	X 2 551
		1997..	N	X	X —
3315119YVW	Other gray iron castings, nsk .....	2002..	N	X	X 2 551
		1997..	N	X	X —
331511A	Standard malleable iron castings .....	2002..	N	X	X 92 887
		1997..	N	X	X 205 659
331511A1	Standard malleable iron castings .....	2002..	N	X	X 92 887
		1997..	N	X	X 205 659
331511A100	Standard malleable iron castings <sup>28</sup> .....	1,000 s tons..2002..	23	X	S 92 887
		1997..	20	X	S 205 659
331511C	Pearlitic malleable iron castings .....	2002..	N	X	X 130 962
		1997..	N	X	X 132 615
331511C3	Pearlitic malleable iron castings .....	2002..	N	X	X 130 962
		1997..	N	X	X 132 615
331511C300	Pearlitic malleable iron castings <sup>28</sup> .....	1,000 s tons..2002..	9	X	64.6 130 962
		1997..	11	X	S 132 615
331511E	Molds and stools for heavy steel ingots .....	2002..	N	X	X 42 664
		1997..	N	X	X 54 305
331511E2	Molds and stools for heavy steel ingots .....	2002..	N	X	X 42 664
		1997..	N	X	X 54 305
331511E200	Molds and stools for heavy steel ingots <sup>28</sup> .....	1,000 s tons..2002..	10	X	¶55.6 42 664
		1997..	13	X	S 54 305
331511W	Iron foundries, nsk, total .....	2002..	N	X	X 175 239
		1997..	N	X	X 95 431

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331511	Iron foundries—Con.				
331511W	Iron foundries, nsk, total—Con.				
331511WY	Iron foundries, nsk, total	2002.. N	X	X	175 239
		1997.. N	X	X	95 431
331511WYWW	Iron foundries, nsk, for nonadministrative-record establishments	2002.. N	X	X	71 898
		1997.. N	X	X	3 199
331511WYWY	Iron foundries, nsk, for administrative-record establishments	2002.. N	X	X	103 341
		1997.. N	X	X	92 232
331512	Steel investment foundries	2002.. N	X	X	2 124 145
		1997.. N	X	X	2 231 809
3315120	Steel investment castings	2002.. N	X	X	2 124 145
		1997.. N	X	X	2 231 809
33151201	Carbon and alloy steel investment castings	2002.. N	X	X	791 583
		1997.. N	X	X	801 461
3315120101	Carbon (including low alloy) steel investment castings <sup>28</sup>	2002.. 69	X	X	567 110
		1997.. 79	X	X	524 259
3315120106	Alloy (excluding stainless) steel investment castings <sup>28</sup>	2002.. 48	X	X	224 473
		1997.. 56	X	X	277 202
33151202	Hi-temp metal investment castings (iron, nickel, or cobalt-base alloys)	2002.. N	X	X	943 902
		1997.. N	X	X	987 152
3315120216	Hi-temp metal investment castings (iron, nickel, or cobalt-base alloys) 1,000 lb.	2002.. 34	X	S	943 902
		1997.. 44	X	S	987 152
33151203	Stainless steel investment castings	2002.. N	X	X	363 475
		1997.. N	X	X	423 426
3315120311	Stainless steel investment castings <sup>28</sup>	2002.. 75	X	X	363 475
		1997.. 103	X	X	423 426
3315120Y	Steel investment castings, nsk, total	2002.. N	X	X	25 185
		1997.. N	X	X	19 770
3315120YWW	Steel investment castings, nsk, for nonadministrative-record establishments	2002.. N	X	X	200
		1997.. N	X	X	236
3315120YWY	Steel investment castings, nsk, for administrative-record establishments	2002.. N	X	X	24 985
		1997.. N	X	X	19 534
331513	Steel foundries (except investment)	2002.. N	X	X	2 447 575
		1997.. N	X	X	2 692 742
3315131	Other carbon steel castings, except investment	2002.. N	X	X	1 195 916
		1997.. N	X	X	1 169 105
33151311	Cast carbon steel railroad car wheels and railway specialties	2002.. N	X	X	402 578
		1997.. N	X	X	427 879
3315131101	Cast carbon steel railroad car wheels and railway specialties <sup>28</sup>	2002.. 26	X	X	402 578
		1997.. 11	X	X	427 879
33151312	Other carbon steel castings, except investment	2002.. N	X	X	790 176
		1997.. N	X	X	741 226
3315131208	Other carbon steel castings, except investment <sup>28</sup>	2002.. 59	X	X	790 176
		1997.. N	X	X	N
3315131Y	Other carbon steel castings, except investment, nsk	2002.. N	X	X	3 162
		1997.. N	X	X	—
3315131YWV	Other carbon steel castings, except investment, nsk	2002.. N	X	X	3 162
		1997.. N	X	X	—
3315133	High alloy steel castings, except investment	2002.. N	X	X	608 266
		1997.. N	X	X	738 566
33151331	High alloy steel castings, except investment	2002.. N	X	X	603 231
		1997.. N	X	X	738 566
3315133101	High manganese alloy steel castings, except investment <sup>28</sup> 1,000 s tons.	2002.. 22	X	S	137 359
		1997.. 22	X	S	162 765
3315133106	Other high alloy steel castings, except investment <sup>28</sup>	2002.. 60	X	X	465 872
		1997.. 95	X	X	575 801
3315133Y	High alloy steel castings, except investment, nsk	2002.. N	X	X	5 035
		1997.. N	X	X	—
3315133YWV	High alloy steel castings, except investment, nsk	2002.. N	X	X	5 035
		1997.. N	X	X	—
3315135	Other alloy steel castings, except investment	2002.. N	X	X	525 505
		1997.. N	X	X	728 230
33151351	Other alloy steel castings, except investment	2002.. N	X	X	520 290
		1997.. N	X	X	728 230
3315135101	Other alloy steel railway specialties castings, except investment <sup>28</sup> 1,000 s tons.	2002.. 4	X	D	D
		1997.. 6	X	D	D
3315135106	Other alloy steel rolls for rolling mills, except investment <sup>28</sup> 1,000 s tons.	2002.. 6	X	D	D
		1997.. 5	X	D	D
3315135111	All other alloy steel castings, except investment <sup>28</sup> 1,000 s tons.	2002.. 47	X	S	399 447
		1997.. 79	X	S	586 891
3315135Y	Other alloy steel castings, except investment, nsk	2002.. N	X	X	5 215
		1997.. N	X	X	—
3315135YWV	Other alloy steel castings, except investment, nsk	2002.. N	X	X	5 215
		1997.. N	X	X	—
331513W	Steel foundries (except investment), nsk, total	2002.. N	X	X	117 888
		1997.. N	X	X	56 841
331513WY	Steel foundries (except investment), nsk, total	2002.. N	X	X	117 888
		1997.. N	X	X	56 841
331513WYWW	Steel foundries (except investment), nsk, for nonadministrative-record establishments	2002.. N	X	X	65 169
		1997.. N	X	X	S
331513WYWY	Steel foundries (except investment), nsk, for administrative-record establishments	2002.. N	X	X	52 719
		1997.. N	X	X	58 408

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331521	Aluminum die-casting foundries	2002.. N 1997.. N	X X	X X	4 333 741 3 745 476
3315210	Aluminum die-castings	2002.. N 1997.. N	X X	X X	4 333 741 3 745 476
33152101	Aluminum and aluminum-base alloy die-castings	2002.. N 1997.. N	X X	X X	4 179 378 3 644 370
3315210100	Aluminum and aluminum-base alloy die-castings <sup>29</sup>	mil lb. 2002.. 202 1997.. 249	X X	S S	4 179 378 3 644 370
3315210Y	Aluminum die-castings, nsk, total	2002.. N 1997.. N	X X	X X	154 363 101 106
3315210YWW	Aluminum die-castings, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	46 254 5 590
3315210YWY	Aluminum die-castings, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	108 109 95 516
331522	Nonferrous (except aluminum) die-casting foundries	2002.. N 1997.. N	X X	X X	1 803 523 1 804 752
3315220	Nonferrous (except aluminum) die-castings	2002.. N 1997.. N	X X	X X	1 803 523 1 804 752
33152201	Copper and copper-base alloy die-castings (including bearings and bushings)	2002.. N 1997.. N	X X	X X	271 312 153 999
3315220101	Copper and copper-base alloy die-castings (including bearings and bushings) <sup>29</sup>	mil lb. 2002.. 38 1997.. 38	X X	S P36.7	271 312 153 999
33152202	Zinc and zinc-base alloy die-castings	2002.. N 1997.. N	X X	X X	703 829 905 209
3315220206	Zinc and zinc-base alloy die-castings <sup>29</sup>	mil lb. 2002.. 113 1997.. 172	X X	S P360.7	703 829 905 209
33152203	Magnesium and magnesium-base alloy die-castings	2002.. N 1997.. N	X X	X X	333 475 326 413
3315220311	Magnesium and magnesium-base alloy die-castings <sup>29</sup>	mil lb. 2002.. 16 1997.. 18	X X	S P64.0	333 475 326 413
33152204	Lead and lead-base alloy die-castings	2002.. N 1997.. N	X X	X X	68 515 72 339
3315220416	Lead and lead-base alloy die-castings <sup>29</sup>	mil lb. 2002.. 6 1997.. 11	X X	S P41.0	68 515 72 339
33152205	Other nonferrous metal die-castings, except aluminum	2002.. N 1997.. N	X X	X X	220 718 228 388
3315220521	Other nonferrous metal die-castings, except aluminum	2002.. 15 1997.. 28	X X	X X	220 718 228 388
3315220Y	Nonferrous (except aluminum) die-castings, nsk, total	2002.. N 1997.. N	X X	X X	205 674 118 404
3315220YWW	Nonferrous (except aluminum) die-castings, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	148 083 90 026
3315220YWY	Nonferrous (except aluminum) die-castings, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	57 591 28 378
331524	Aluminum foundries (except die-casting)	2002.. N 1997.. N	X X	X X	3 476 653 3 581 465
3315240	Aluminum foundries	2002.. N 1997.. N	X X	X X	3 476 653 3 581 465
33152401	Aluminum and aluminum-base alloy sand castings (except cast aluminum cooking utensils)	2002.. N 1997.. N	X X	X X	1 361 180 1 358 007
3315240101	Aluminum and aluminum-base alloy sand castings (except cast aluminum cooking utensils) <sup>29</sup>	mil lb. 2002.. 208 1997.. 307	X X	S P312.6	1 361 180 1 358 007
33152402	Aluminum and aluminum-base alloy permanent and semipermanent mold castings (except cast aluminum cooking utensils)	2002.. N 1997.. N	X X	X X	1 551 343 1 670 689
3315240206	Aluminum and aluminum-base alloy permanent and semipermanent mold castings (except cast aluminum cooking utensils) <sup>29</sup>	mil lb. 2002.. 85 1997.. 127	X X	P538.9 P614.7	1 551 343 1 670 689
33152403	Aluminum and aluminum-base alloy investment castings (except cast aluminum cooking utensils)	2002.. N 1997.. N	X X	X X	158 367 145 300
3315240311	Aluminum and aluminum-base alloy investment castings (except cast aluminum cooking utensils)	2002.. 40 1997.. 44	X X	X X	158 367 145 300
33152404	Other aluminum and aluminum-base alloy castings	2002.. N 1997.. N	X X	X X	194 306 304 597
3315240416	Nonelectric cast aluminum pressure cookers (household-type) and nonelectric cast aluminum cooking utensils	2002.. 3 1997.. 5	X X	X X	29 151 16 785
3315240421	Other aluminum and aluminum-base alloy castings, excluding die-castings (except cast aluminum cooking utensils) <sup>29</sup>	2002.. 38 1997.. 76	X X	X X	165 155 287 812
3315240Y	Aluminum foundries, nsk, total	2002.. N 1997.. N	X X	X X	211 457 102 872
3315240YWW	Aluminum foundries, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	117 548 36 092
3315240YWY	Aluminum foundries, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	93 909 66 780
331525	Copper foundries (except die-casting)	2002.. N 1997.. N	X X	X X	729 226 866 731

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
331525	Copper foundries (except die-casting)—Con.				
3315250	Copper foundries .....	2002.. N	X	X	729 226
		1997.. N	X	X	866 731
33152506	Copper-base alloy bearings and bushings, nonmachined .....	2002.. N	X	X	14 720
		1997.. N	X	X	32 840
3315250651	Copper-base alloy bearings and bushings, nonmachined .....	2002.. 4	X	X	14 720
		1997.. 5	X	X	32 840
33152501	Copper-base alloy sand castings (except bearings and bushings) .....	2002.. N	X	X	169 120
		1997.. N	X	X	164 612
3315250101	Copper-base alloy sand castings (except bearings and bushings) .....	2002.. 42	X	X	169 120
		1997.. 58	X	X	164 612
33152502	Leaded red and semi-red brass sand castings (except bearings and bushings) .....	2002.. N	X	X	168 955
		1997.. N	X	X	194 330
3315250206	Leaded red and semi-red brass sand castings (except bearings and bushings) .....	2002.. 48	X	X	68 797
		1997.. 87	X	X	88 245
3315250221	Engineered copper alloy sand castings, including manganese bronzes, silicon bronzes and brasses, aluminum bronzes, and copper nickels (except bearings and bushings) .....	2002.. 71	X	X	100 158
		1997.. 89	X	X	106 085
33152504	Tin bronze, copper and high-copper alloy, and other copper alloy sand castings .....	2002.. N	X	X	139 331
		1997.. N	X	X	219 069
3315250411	Tin bronze sand castings, including leaded and high-leaded (except bearings and bushings) .....	2002.. 26	X	X	28 578
		1997.. 55	X	X	56 133
3315250416	Copper and high-copper alloy sand castings (except bearings and bushings) .....	2002.. 25	X	X	43 258
		1997.. 28	X	X	85 244
3315250426	Other copper alloy sand castings, including yellow and leaded yellow brasses, nickel tin bronzes, nickel silvers, lead bronzes, and special alloys (except bearings and bushings) <sup>29</sup> .....	2002.. 27	X	X	67 495
		1997.. 33	X	X	77 692
33152505	Other copper and copper-base alloy castings, excluding die-castings .....	2002.. N	X	X	133 317
		1997.. N	X	X	163 879
3315250531	Copper and copper-base alloy permanent and semipermanent mold castings (except bearings and bushings) <sup>29</sup> .....	2002.. 12	X	X	27 907
		1997.. 5	X	X	25 962
3315250536	Copper and copper-base alloy centrifugal castings (except bearings and bushings) <sup>29</sup> .....	2002.. 13	X	X	58 916
		1997.. 8	X	X	49 963
3315250541	Copper and copper-base alloy investment castings (except bearings and bushings) .....	2002.. 24	X	X	20 355
		1997.. 35	X	X	32 557
3315250546	Other copper and copper-base alloy castings, excluding die-castings (except bearings and bushings) <sup>29</sup> .....	2002.. 9	X	X	26 139
		1997.. 15	X	X	55 397
3315250Y	Copper foundries, nsk, total .....	2002.. N	X	X	103 783
		1997.. N	X	X	92 001
3315250YWW	Copper foundries, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	74 376
		1997.. N	X	X	69 573
3315250YWY	Copper foundries, nsk, for administrative-record establishments .....	2002.. N	X	X	29 407
		1997.. N	X	X	22 428
331528	Other nonferrous foundries (except die-casting) .....	2002.. N	X	X	749 678
		1997.. N	X	X	1 065 937
3315280	Other nonferrous foundries .....	2002.. N	X	X	749 678
		1997.. N	X	X	1 065 937
33152801	Nickel and nickel-base alloy castings (excluding die-castings) .....	2002.. N	X	X	186 096
		1997.. N	X	X	154 088
3315280116	Nickel and nickel-base alloy castings (excluding die-castings) .....	2002.. 23	X	X	186 096
		1997.. 19	X	X	154 088
33152802	Other nonferrous metal castings, excluding die-castings .....	2002.. N	X	X	526 470
		1997.. N	X	X	879 672
3315280201	Zinc and zinc-base alloy castings (excluding die-castings) <sup>29</sup> .....	2002.. 20	X	X	57 649
		1997.. 24	X	X	83 990
3315280206	Magnesium and magnesium-base alloy sand castings (excluding die-castings) .....	2002.. 12	X	X	38 995
		1997.. 12	X	X	35 518
3315280211	Other magnesium and magnesium-base alloy castings, including permanent and semipermanent mold and cast anodes (excluding die-castings) <sup>29</sup> .....	2002.. 6	X	X	11 173
		1997.. 7	X	X	10 058
3315280221	Other nonferrous metal castings (excluding die-castings) .....	2002.. 59	X	X	418 653
		1997.. 61	X	X	750 106
3315280Y	Other nonferrous foundries, nsk, total .....	2002.. N	X	X	37 112
		1997.. N	X	X	32 177
3315280YWW	Other nonferrous foundries, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	9 957
		1997.. N	X	X	13 751
3315280YWY	Other nonferrous foundries, nsk, for administrative-record establishments .....	2002.. N	X	X	27 155
		1997.. N	X	X	18 426
332111	Iron and steel forging .....	2002.. N	X	X	4 100 568
		1997.. N	X	X	4 535 526
3321111	Hot impression die impact, press, and upset steel forgings .....	2002.. N	X	X	2 544 480

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
332111	Iron and steel forging—Con.					
3321111	Hot impression die impact, press, and upset steel forgings—Con.					
		1997..	N	X	X	3 152 952
33211111	Hot impression die impact, press, and upset carbon steel forgings .....	2002..	N	X	X	1 263 906
		1997..	N	X	X	1 356 439
3321111101	Hot impression die impact, press, and upset carbon steel forgings .....	1,000 s tons..2002..	102	X	S	1 263 906
		1997..	112	X	743.3	1 356 439
33211112	Hot impression die impact, press, and upset alloy steel forgings, excluding stainless and hi-temp .....	2002..	N	X	X	933 044
		1997..	N	X	X	1 068 337
3321111206	Hot impression die impact, press, and upset alloy steel forgings, excluding stainless and hi-temp .....	1,000 s tons..2002..	73	X	S	933 044
		1997..	77	X	526.5	1 068 337
33211113	Hot impression die impact, press, and upset stainless steel forgings .....	2002..	N	X	X	108 203
		1997..	N	X	X	111 713
3321111311	Hot impression die impact, press, and upset stainless steel forgings .....	1,000 s tons..2002..	47	X	S	108 203
		1997..	46	X	14.6	111 713
33211114	Hot impression die impact, press, and upset hi-temp (iron, nickel, or cobalt-base alloy) steel forgings .....	2002..	N	X	X	239 143
		1997..	N	X	X	389 369
3321111416	Hot impression die impact, press, and upset hi-temp (iron, nickel, or cobalt-base alloy) steel forgings .....	1,000 s tons..2002..	28	X	S	239 143
		1997..	20	X	7.5	389 369
3321111Y	Hot impression die impact, press, and upset steel forgings, nsk .....	2002..	N	X	X	184
		1997..	N	X	X	227 094
3321111YWV	Hot impression die impact, press, and upset steel forgings, nsk .....	2002..	N	X	X	184
		1997..	N	X	X	227 094
3321113	Cold impression die impact, press, and upset steel forgings .....	2002..	N	X	X	457 271
		1997..	N	X	X	354 695
33211131	Cold impression die impact, press, and upset steel forgings .....	2002..	N	X	X	452 334
		1997..	N	X	X	350 008
3321113101	Cold impression die impact, press, and upset carbon steel forgings .....	1,000 s tons..2002..	20	X	S	345 754
		1997..	13	X	149.1	234 588
3321113116	Cold impression die impact, press, and upset stainless steel and hi-temp (iron, nickel, or cobalt-base alloy) forgings .....	1,000 s tons..2002..	8	X	21 062.7	106 580
		1997..	N	X	N	N
3321113Y	Cold impression die impact, press, and upset steel forgings, nsk .....	2002..	N	X	X	4 937
		1997..	N	X	X	4 687
3321113YWV	Cold impression die impact, press, and upset steel forgings, nsk .....	2002..	N	X	X	4 937
		1997..	N	X	X	4 687
3321115	Seamless rolled ring forgings, ferrous, made from purchased iron and steel .....	2002..	N	X	X	297 526
		1997..	N	X	X	342 342
33211151	Seamless rolled ring forgings, ferrous, made from purchased iron and steel .....	2002..	N	X	X	297 526
		1997..	N	X	X	342 342
3321115101	Seamless carbon steel and alloy steel rolled ring forgings (excluding stainless and hi-temperature), made from purchased iron and steel .....	2002..	20	X	X	180 233
		1997..	25	X	X	200 433
3321115106	Seamless stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) rolled ring forgings, made from purchased iron and steel .....	2002..	11	X	X	117 293
		1997..	13	X	X	141 909
3321115Y	Seamless rolled ring forgings, ferrous, made from purchased iron and steel, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
3321115YWV	Seamless rolled ring forgings, ferrous, made from purchased iron and steel, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
3321117	Open die and smith forgings (hammer and press), ferrous, made from purchased iron and steel .....	2002..	N	X	X	528 019
		1997..	N	X	X	505 124
33211171	Open die and smith forgings (hammer and press), ferrous, made from purchased iron and steel .....	2002..	N	X	X	528 019
		1997..	N	X	X	504 974
3321117101	Carbon and alloy steel open die and smith forgings (hammer and press), excluding stainless and hi-temperature, made from purchased iron and steel .....	2002..	20	X	X	411 299
		1997..	38	X	X	313 867
3321117106	Stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) open die and smith forgings (hammer and press), made from purchased iron and steel .....	2002..	13	X	X	116 720
		1997..	21	X	X	191 107
3321117Y	Open die and smith forgings (hammer and press), ferrous, made from purchased iron and steel, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	150
3321117YWV	Open die and smith forgings (hammer and press), ferrous, made from purchased iron and steel, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	150
332111W	Iron and steel forging, nsk, total .....	2002..	N	X	X	273 272
		1997..	N	X	X	180 413
332111WY	Iron and steel forging, nsk, total .....	2002..	N	X	X	273 272
		1997..	N	X	X	180 413
332111WYWW	Iron and steel forging, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	122 426

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332111	Iron and steel forging—Con.				
332111W	Iron and steel forging, nsk, total—Con.				
332111WY	Iron and steel forging, nsk, total—Con.				
332111WYWW	Iron and steel forging, nsk, for nonadministrative-record establishments—Con.				
332111WYWY	Iron and steel forging, nsk, for administrative-record establishments	1997.. N	X	X	76 179
		2002.. N	X	X	150 846
		1997.. N	X	X	104 234
332112	Nonferrous forging	2002.. N	X	X	1 816 928
		1997.. N	X	X	2 083 289
3321121	Hot impression die impact, press, and upset nonferrous forgings	2002.. N	X	X	1 381 988
		1997.. N	X	X	1 528 804
33211211	Hot impression die impact, press, and upset aluminum and aluminum alloy forgings	2002.. N	X	X	694 856
		1997.. N	X	X	903 881
3321121101	Hot impression die impact, press, and upset aluminum and aluminum alloy forgings	1,000 s tons.. 2002.. 35	X	S	694 856
		1997.. 35	X	73.5	903 881
33211212	Hot impression die impact, press, and upset titanium and titanium alloy forgings	2002.. N	X	X	342 957
		1997.. N	X	X	324 580
3321121206	Hot impression die impact, press, and upset titanium and titanium alloy forgings	1,000 s tons.. 2002.. 22	X	S	342 957
		1997.. 25	X	16.8	324 580
33211213	Other hot impression die impact, press, and upset nonferrous	2002.. N	X	X	344 175
		1997.. N	X	X	285 501
3321121311	Hot impression die impact, press, and upset copper and copper-base alloy forgings	1,000 s tons.. 2002.. 13	X	S	106 892
		1997.. 10	X	7.9	39 413
3321121316	Other hot impression die impact, press, and upset nonferrous forgings	1,000 s tons.. 2002.. 17	X	S	237 283
		1997.. 20	X	16.6	246 088
3321121Y	Hot impression die impact, press, and upset nonferrous forgings, nsk	2002.. N	X	X	—
		1997.. N	X	X	14 842
3321121YWW	Hot impression die impact, press, and upset nonferrous forgings, nsk	2002.. N	X	X	—
		1997.. N	X	X	14 842
3321122	Other nonferrous forgings	2002.. N	X	X	395 614
		1997.. N	X	X	518 512
33211221	Other nonferrous forgings	2002.. N	X	X	395 614
		1997.. N	X	X	514 045
3321122101	Cold impression die impact, press, and upset nonferrous forgings	1,000 s tons.. 2002.. 5	X	D	D
		1997.. 8	X	D	D
3321122106	Seamless rolled ring nonferrous forgings	1,000 s tons.. 2002.. 6	X	S	229 460
		1997.. 6	X	5.0	68 689
3321122111	Open die or smith nonferrous forgings, hammer or press	1,000 s tons.. 2002.. 3	X	D	D
		1997.. 9	X	D	D
3321122Y	Other nonferrous forgings, nsk	2002.. N	X	X	—
		1997.. N	X	X	4 467
3321122YWW	Other nonferrous forgings, nsk	2002.. N	X	X	—
		1997.. N	X	X	4 467
332112W	Nonferrous forging, nsk, total	2002.. N	X	X	39 326
		1997.. N	X	X	35 973
332112WY	Nonferrous forging, nsk, total	2002.. N	X	X	39 326
		1997.. N	X	X	35 973
332112WYWW	Nonferrous forging, nsk, for nonadministrative-record establishments	2002.. N	X	X	3 856
		1997.. N	X	X	6 936
332112WYWY	Nonferrous forging, nsk, for administrative-record establishments	2002.. N	X	X	35 470
		1997.. N	X	X	29 037
332114	Custom roll forming	2002.. N	X	X	4 030 320
		1997.. N	X	X	3 455 053
3321140	Custom roll form products	2002.. N	X	X	4 030 320
		1997.. N	X	X	3 455 053
33211401	Custom carbon steel roll form products	2002.. N	X	X	2 783 898
		1997.. N	X	X	2 327 156
3321140101	Custom carbon steel roll form products	2002.. 219	X	X	2 783 898
		1997.. 253	X	X	2 327 156
33211402	Custom stainless steel roll form products	2002.. N	X	X	273 299
		1997.. N	X	X	233 724
3321140206	Custom stainless steel roll form products	2002.. 125	X	X	273 299
		1997.. 137	X	X	233 724
33211403	Custom aluminum roll form products	2002.. N	X	X	322 934
		1997.. N	X	X	274 130
3321140311	Custom aluminum roll form products	2002.. 71	X	X	322 934
		1997.. 83	X	X	274 130
33211404	Other custom metal roll form products	2002.. N	X	X	303 194
		1997.. N	X	X	245 474
3321140416	Other custom metal roll form products	2002.. 72	X	X	303 194
		1997.. 70	X	X	245 474
3321140Y	Custom roll form products, nsk, total	2002.. N	X	X	346 995
		1997.. N	X	X	374 569
3321140YWW	Custom roll form products, nsk, for nonadministrative-record establishments	2002.. N	X	X	295 236
		1997.. N	X	X	338 945
3321140YWY	Custom roll form products, nsk, for administrative-record establishments	2002.. N	X	X	51 759
		1997.. N	X	X	35 624
332115	Crown and closure manufacturing	2002.. N	X	X	900 861

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
322115	Crown and closure manufacturing—Con.					
		1997..	N	X	X	969 693
3221150	Crowns and closures .....	2002..	N	X	X	900 861
		1997..	N	X	X	969 693
32211501	Metal commercial closures and metal home-canning closures, except crowns .....	2002..	N	X	X	827 152
		1997..	N	X	X	943 194
3221150101	Metal and metal-composite closures, including home-canning closures .....	2002..	18	X	X	683 093
		1997..	40	X	X	755 165
3221150103	Metal crowns (including soft drinks, beer, and all other) .....	2002..	3	X	X	D
		1997..	5	X	X	D
3221150106	All other metal closures, including beer and roll-ons .....	2002..	10	X	X	D
		1997..	7	X	X	D
3221150Y	Crowns and closures, nsk, total .....	2002..	N	X	X	73 709
		1997..	N	X	X	26 499
3221150YWW	Crowns and closures, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	48 961
		1997..	N	X	X	14 595
3221150YWY	Crowns and closures, nsk, for administrative-record establishments .....	2002..	N	X	X	24 748
		1997..	N	X	X	11 904
322116	Metal stamping .....	2002..	N	X	X	8 797 113
		1997..	N	X	X	11 664 699
3221161	Job stampings, except automotive .....	2002..	N	X	X	5 915 080
		1997..	N	X	X	7 976 387
32211611	Recreational vehicle metal job stampings (motor homes, travel trailers, etc.) .....	2002..	N	X	X	432 506
		1997..	N	X	X	596 013
3221161101	Recreational vehicle metal job stampings (motor homes, travel trailers, etc.) .....	2002..	72	X	X	232 770
		1997..	78	X	X	158 219
3221161115	Agricultural equipment metal job stampings, including tractor .....	2002..	83	X	X	199 736
		1997..	111	X	X	437 794
32211612	Motor and generator metal job stampings .....	2002..	N	X	X	386 527
		1997..	N	X	X	767 141
3221161205	Motor and generator metal job stampings .....	2002..	89	X	X	386 527
		1997..	147	X	X	767 141
32211614	Computer and office machine metal job stampings .....	2002..	N	X	X	413 812
		1997..	N	X	X	1 338 252
3221161421	Computer metal job stampings .....	2002..	104	X	X	364 335
		1997..	177	X	X	1 176 751
3221161441	Office machine metal job stampings, excluding computer .....	2002..	31	X	X	49 477
		1997..	64	X	X	161 501
32211615	Electrical appliance metal job stampings (residential, commercial, and industrial) .....	2002..	N	X	X	598 922
		1997..	N	X	X	869 948
3221161525	Electrical appliance metal job stampings, except refrigeration and laundry equipment .....	2002..	117	X	X	212 197
		1997..	185	X	X	302 638
3221161561	Refrigeration metal job stampings (residential, commercial, and industrial) .....	2002..	57	X	X	133 490
		1997..	66	X	X	243 548
3221161571	Stove, heater, and air-conditioner metal job stampings (residential, commercial, and industrial), except automotive .....	2002..	81	X	X	202 452
		1997..	103	X	X	221 255
3221161584	Laundry equipment metal job stampings (residential, commercial, and industrial) .....	2002..	24	X	X	50 783
		1997..	37	X	X	102 507
32211613	Other metal job stampings .....	2002..	N	X	X	3 490 132
		1997..	N	X	X	3 945 166
3221161311	Aviation metal job stampings .....	2002..	71	X	X	288 837
		1997..	98	X	X	175 018
3221161331	Furniture metal job stampings .....	2002..	85	X	X	196 104
		1997..	118	X	X	230 031
3221161352	Radio and phonograph metal job stampings, except automotive .....	2002..	11	X	X	43 456
		1997..	20	X	X	31 163
3221161354	Television metal job stampings .....	2002..	26	X	X	105 938
		1997..	48	X	X	189 445
3221161388	Other industrial equipment metal job stampings .....	2002..	282	X	X	745 225
		1997..	364	X	X	833 722
3221161398	Other metal job stampings, except automotive .....	2002..	457	X	X	2 110 572
		1997..	691	X	X	2 485 787
3221161Y	Job stampings, except automotive, nsk .....	2002..	N	X	X	593 181
		1997..	N	X	X	459 867
3221161YWV	Job stampings, except automotive, nsk .....	2002..	N	X	X	593 181
		1997..	N	X	X	459 867
3221163	Metal spinning products, excluding cooking and kitchen utensils .....	2002..	N	X	X	152 775
		1997..	N	X	X	167 019
32211631	Metal spinning products, excluding cooking and kitchen utensils .....	2002..	N	X	X	152 775
		1997..	N	X	X	167 019
3221163100	Metal spinning products, excluding cooking and kitchen utensils .....	2002..	32	X	X	152 775
		1997..	69	X	X	167 019
3221166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products .....	2002..	N	X	X	1 703 836
		1997..	N	X	X	N
32211663	Metal electronic enclosures (stamped and pressed), excluding computer stampings .....	2002..	N	X	X	472 907
		1997..	N	X	X	N
3221166361	Metal electronic enclosures (stamped and pressed), excluding computer stampings .....	2002..	86	X	X	472 907

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332116	Metal stamping—Con.				
3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products—Con.				
33211663	Metal electronic enclosures (stamped and pressed), excluding computer stampings—Con.				
3321166361	Metal electronic enclosures (stamped and pressed), excluding computer stampings—Con.				
		1997..	N	X	X N
33211661	Stamped and pressed vitreous (porcelain) enameled metal architectural parts (exterior and interior), including store front and curtain wall components .....	2002..	N	X	X 185 302
		1997..	N	X	X N
3321166101	Stamped and pressed vitreous (porcelain) enameled metal architectural parts (exterior and interior), including store front and curtain wall components .....	2002..	22	X	X 185 302
		1997..	N	X	X N
33211662	Stamped and pressed metal end products, excluding spinning products and metal electric enclosures .....	2002..	N	X	X 1 020 036
		1997..	N	X	X N
3321166211	Other stamped and pressed vitreous (porcelain) enameled products (including refrigerator and laundry equipment parts and commercial and hospital utensils), except cooking and kitchen utensils .....	2002..	24	X	X 113 224
		1997..	N	X	X N
3321166221	Stamped and pressed metal chemical milling products, milled contoured metal, and clad and bonded metal products .....	2002..	9	X	X 26 257
		1997..	N	X	X N
3321166231	Perforated metal end products .....	2002..	23	X	X 200 379
		1997..	N	X	X N
3321166295	Other stamped and pressed metal end products, excluding spinning products .....	2002..	128	X	X 680 176
		1997..	N	X	X N
3321166Y	Stamped and pressed metal end products, including vitreous enameled products, nsk .....	2002..	N	X	X 25 591
		1997..	N	X	X N
3321166YVV	Stamped and pressed metal end products, including vitreous enameled products, nsk .....	2002..	N	X	X 25 591
		1997..	N	X	X N
3321166W	Metal stamping, nsk, total .....	2002..	N	X	X 1 025 422
		1997..	N	X	X 610 043
3321166WY	Metal stamping, nsk, total .....	2002..	N	X	X 1 025 422
		1997..	N	X	X 610 043
3321166WYWW	Metal stamping, nsk, for nonadministrative-record establishments .....	2002..	N	X	X 728 368
		1997..	N	X	X 433 092
3321166WYWY	Metal stamping, nsk, for administrative-record establishments .....	2002..	N	X	X 297 054
		1997..	N	X	X 176 951
332117	Powder metallurgy part manufacturing .....	2002..	N	X	X 1 293 105
		1997..	N	X	X 1 316 959
3321170	Powder metallurgy parts .....	2002..	N	X	X 1 293 105
		1997..	N	X	X 1 316 959
33211701	Copper and copper-base alloy .....	2002..	N	X	X 77 510
		1997..	N	X	X 75 139
3321170106	Copper and copper-base alloy .....	2002..	21	X	X 77 510
		1997..	28	X	X 75 139
33211702	Iron and steel powder metallurgy parts .....	2002..	N	X	X 824 564
		1997..	N	X	X 692 773
3321170211	Iron and steel powder metallurgy parts .....	2002..	47	X	X 824 564
		1997..	60	X	X 692 773
33211703	Tungsten metal and tungsten-base alloy powder metallurgy parts .....	2002..	N	X	X 156 660
		1997..	N	X	X 140 553
3321170321	Tungsten metal and tungsten-base alloy powder metallurgy parts .....	2002..	12	X	X 156 660
		1997..	14	X	X 140 553
33211704	Powder metallurgy materials, excluding bearings, gears, and machine cutting tools and all cemented carbide parts .....	2002..	N	X	X 140 325
		1997..	N	X	X 303 221
3321170401	Aluminum and aluminum-base alloy powder metallurgy parts .....	2002..	6	X	X 13 743
		1997..	12	X	X 42 821
3321170416	Nickel-cobalt-base super alloy powder metallurgy parts .....	2002..	6	X	X 15 935
		1997..	13	X	X 37 691
3321170426	Other powder metallurgy materials, excluding bearings, gears, and machine cutting tools and all cemented carbide parts .....	2002..	20	X	X 110 647
		1997..	26	X	X 222 709
3321170Y	Powder metallurgy parts, nsk, total .....	2002..	N	X	X 94 046
		1997..	N	X	X 105 273
3321170YWW	Powder metallurgy parts, nsk, for nonadministrative-record establishments .....	2002..	N	X	X 78 172
		1997..	N	X	X 102 455
3321170YWY	Powder metallurgy parts, nsk, for administrative-record establishments .....	2002..	N	X	X 15 874
		1997..	N	X	X 2 818
332211	Cutlery and flatware (except precious) manufacturing .....	2002..	N	X	X 1 787 795
		1997..	N	X	X 2 098 679
3322112	Cutlery, scissors, shears, trimmers, and snips .....	2002..	N	X	X 622 160
		1997..	N	X	X N
33221121	Flatware and cutlery .....	2002..	N	X	X 61 088
		1997..	N	X	X N
3322112101	Table cutlery (knives, forks, spoons etc.) for food serving and eating, with handles of materials other than metal .....	2002..	11	X	X 36 504
		1997..	N	X	X N

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**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332211	Cutlery and flatware (except precious) manufacturing—Con.				
3322112	Cutlery, scissors, shears, trimmers, and snips—Con.				
33221121	Flatware and cutlery—Con.				
3322112102	Electrosilverplated flatware and cutlery, electrosilverplated to a nonprecious (except pewter) metal base, including all knives, forks, spoons, and carving sets made wholly of metal .....	2002.. 1	X	X	D
		1997.. N	X	X	N
3322112103	Flatware made of base metal clad with nonprecious metal .....	2002.. 1	X	X	D
		1997.. N	X	X	N
3322112104	Flatware and cutlery, precious and nonprecious metal plated to a nonprecious (except pewter) metal base, excluding electrosilverplated, including whole metal utensils and carving sets .....	2002.. 2	X	X	D
		1997.. N	X	X	N
3322112105	Flatware and cutlery, solid nonprecious (except pewter) metal, including whole metal utensils and carving sets, excluding plated metal and nonprecious metal clad to nonprecious metal .....	2002.. 1	X	X	D
		1997.. N	X	X	N
33221122	Kitchen and other cutlery .....	2002.. N	X	X	158 648
		1997.. N	X	X	N
3322112211	Kitchen cutlery (including knives, forks, cleavers, butchers', and meat packing), excluding carving sets .....	2002.. 8	X	X	117 682
		1997.. N	X	X	N
3322112222	All other cutlery (including knife blades sold separately), except kitchen cutlery .....	2002.. 13	X	X	40 966
		1997.. N	X	X	N
33221123	Scissors and shears .....	2002.. N	X	X	261 516
		1997.. N	X	X	N
3322112326	Household scissors and barber shears (including pinking and tailoring shears) .....	2002.. 5	X	X	D
		1997.. N	X	X	N
3322112331	Manicure and pedicure scissors and implements (including tweezers) .....	2002.. 4	X	X	D
		1997.. N	X	X	N
3322112347	All other household scissors and shears, excluding tool-type .....	2002.. 3	X	X	D
		1997.. N	X	X	N
33221124	All other knives, including nonelectric hair clippers .....	2002.. N	X	X	139 469
		1997.. N	X	X	N
3322112451	Nonelectric hair clippers for human use .....	2002.. 2	X	X	D
		1997.. N	X	X	N
3322112455	Other knives (including pocket, pen, and replacement blade knives) .....	2002.. 8	X	X	D
		1997.. N	X	X	N
3322112Y	Cutlery, scissors, shears, trimmers, and snips, nsk .....	2002.. N	X	X	1 439
		1997.. N	X	X	N
3322112YVW	Cutlery, scissors, shears, trimmers, and snips, nsk .....	2002.. N	X	X	1 439
		1997.. N	X	X	N
3322113	Razor blades and razors, except electric .....	2002.. N	X	X	1 118 872
		1997.. N	X	X	1 158 733
33221131	Razor blades and razors, except electric .....	2002.. N	X	X	1 118 872
		1997.. N	X	X	1 158 733
3322113101	Razors, except electric .....	2002.. 3	X	X	348 067
		1997.. 4	X	X	D
3322113106	Razor blades, single and double edge for shaving .....	2002.. 3	X	X	742 232
		1997.. 4	X	X	D
3322113111	Razor blades for all other uses .....	2002.. 6	X	X	28 573
		1997.. 13	X	X	D
3322113Y	Razor blades and razors, except electric, nsk .....	2002.. N	X	X	-
		1997.. N	X	X	-
3322113YVW	Razor blades and razors, except electric, nsk .....	2002.. N	X	X	-
		1997.. N	X	X	-
332211W	Cutlery and flatware (except precious) manufacturing, nsk, total .....	2002.. N	X	X	46 763
		1997.. N	X	X	69 091
332211WY	Cutlery and flatware (except precious) manufacturing, nsk, total .....	2002.. N	X	X	46 763
		1997.. N	X	X	69 091
332211WYVW	Cutlery and flatware (except precious) manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	14 688
		1997.. N	X	X	9 266
332211WYVY	Cutlery and flatware (except precious) manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	32 075
		1997.. N	X	X	59 825
332212	Hand and edge tool manufacturing .....	2002.. N	X	X	5 753 251
		1997.. N	X	X	5 950 367
3322122	Mechanics' hand service tools .....	2002.. N	X	X	2 096 407
		1997.. N	X	X	N
33221221	Mechanics' slip joint pliers .....	2002.. N	X	X	72 524
		1997.. N	X	X	N
3322122101	Mechanics' slip joint pliers .....	2002.. 11	X	S	72 524
	millions .....	1997.. N	X	N	N
33221222	Mechanics' solid joint pliers .....	2002.. N	X	X	211 506
		1997.. N	X	X	N
3322122206	Mechanics' solid joint pliers .....	2002.. 19	X	S	211 506
	millions .....	1997.. N	X	N	N
33221224	Mechanics' wrenches .....	2002.. N	X	X	1 071 384
		1997.. N	X	X	N
3322122416	Mechanics' socket wrenches, including sockets, drives (ratchet and other), extensions, etc. ....	2002.. 24	X	X	188 095
		1997.. N	X	X	N
3322122421	Mechanics' open-end and box wrenches .....	2002.. 10	X	X	42 459
		1997.. N	X	X	N
3322122426	Mechanics' torque wrenches .....	2002.. 9	X	X	51 726
		1997.. N	X	X	N

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332212	Hand and edge tool manufacturing—Con.				
3322122	Mechanics' hand service tools—Con.				
33221224	Mechanics' wrenches—Con.				
3322122431	Mechanics' adjustable wrenches, including pipe wrenches . . . . . millions..2002..	10	X	S	99 410
	1997..	N	X	N	N
3322122436	Mechanics' combination open-end and box wrenches . . . . .2002..	6	X	X	99 138
	1997..	N	X	X	N
3322122441	Mechanics' wiring wrenches (including fish wire) . . . . .2002..	30	X	X	346 843
	1997..	N	X	X	N
3322122444	All other mechanics' wrenches . . . . .2002..	19	X	X	243 713
	1997..	N	X	X	N
33221223	Other mechanics' hand service tools . . . . .2002..	N	X	X	737 559
	1997..	N	X	X	N
3322122311	Mechanics' ball peen hammers . . . . . millions..2002..	5	X	.8	5 943
	1997..	N	X	N	N
3322122351	Screwdrivers . . . . .2002..	24	X	X	150 108
	1997..	N	X	X	N
3322122356	Automobile jacks, mechanical (excluding hydraulic and pneumatic) . . . . .2002..	5	X	X	35 231
	1997..	N	X	X	N
3322122361	Mechanics' tools for automotive use (excluding jacks), including wheel or gear pullers, valve tools, body or fender tools, etc. . . . .2002..	32	X	X	139 068
	1997..	N	X	X	N
3322122398	Other mechanics' hand service tools (including blow torches and tape measures) . . . . .2002..	32	X	X	407 209
	1997..	N	X	X	N
3322122Y	Mechanics' hand service tools, nsk . . . . .2002..	N	X	X	3 434
	1997..	N	X	X	N
3322122YV	Mechanics' hand service tools, nsk . . . . .2002..	N	X	X	3 434
	1997..	N	X	X	N
3322123	Edge tools, hand-operated . . . . .2002..	N	X	X	547 163
	1997..	N	X	X	591 243
33221233	Other hand-operated edge tools (including agricultural and forestry edge handtools) . . . . .2002..	N	X	X	535 426
	1997..	N	X	X	N
3322123301	Axes, adzes, hatchets, and chisels (hand-operated) . . . . .2002..	21	X	X	57 669
	1997..	N	X	X	N
3322123306	Professional and craft edge handtools (including palette knives, paperhanger knives, putty knives, scrapers, trimmers, etc.) . . . . .2002..	39	X	X	326 914
	1997..	N	X	X	N
3322123331	Other hand-operated edge tools (including kitchen, animal hand clippers, agricultural, and forestry edge handtools) . . . . .2002..	30	X	X	150 843
	1997..	N	X	X	N
3322123Y	Edge tools, hand-operated, nsk . . . . .2002..	N	X	X	11 737
	1997..	N	X	X	288
3322123YV	Edge tools, hand-operated, nsk . . . . .2002..	N	X	X	11 737
	1997..	N	X	X	288
3322125	Dies and interchangeable cutting tools, for machines and power-driven handtools . . . . .2002..	N	X	X	785 592
	1997..	N	X	X	833 765
33221251	Steel rule dies (except metal cutting), for machines and power-driven handtools . . . . .2002..	N	X	X	229 849
	1997..	N	X	X	271 461
3322125101	Steel rule dies (except metal cutting), for machines and power-driven handtools . . . . .2002..	85	X	X	229 849
	1997..	110	X	X	271 461
33221252	Other cutting dies, for use in cutting cloth, paper, leathers, etc. (excluding dies for cutting metal), for machines & power-driven handtools . . . . .2002..	N	X	X	150 024
	1997..	N	X	X	239 857
3322125206	Other cutting dies, for use in cutting cloth, paper, leathers, etc. (excluding dies for cutting metal), for machines & power-driven handtools . . . . .2002..	46	X	X	150 024
	1997..	79	X	X	239 857
33221253	All other woodcutting machine tools . . . . .2002..	N	X	X	386 262
	1997..	N	X	X	308 001
3322125311	Dies and interchangeable woodcutting tools, for machine and power-driven handtools . . . . .2002..	13	X	X	71 519
	1997..	13	X	X	43 553
3322125316	Machine knives . . . . .2002..	35	X	X	92 490
	1997..	35	X	X	76 871
3322125321	Countersink, drill, and router bits for woodcutting . . . . .2002..	22	X	X	126 210
	1997..	22	X	X	132 855
3322125333	All other woodcutting machine tools (including milling cutters) . . . . .2002..	14	X	X	96 043
	1997..	20	X	X	54 722
3322125Y	Dies and interchangeable cutting tools, for machines and power-driven handtools, nsk . . . . .2002..	N	X	X	19 457
	1997..	N	X	X	14 446
3322125YV	Dies and interchangeable cutting tools, for machines and power-driven handtools, nsk . . . . .2002..	N	X	X	19 457
	1997..	N	X	X	14 446
3322128	All other miscellaneous handtools . . . . .2002..	N	X	X	1 171 354
	1997..	N	X	X	N
33221281	Other handtools, including woodworking and metal working files and rasps, including precision files, (except edge tools) . . . . .2002..	N	X	X	1 167 643
	1997..	N	X	X	N
3322128101	Shovels, spades, scoops, telegraph spoons, and scrapers . . . . . millions..2002..	18	X	S	141 956
	1997..	N	X	N	N
3322128111	Light forged hammers, less than 4 lb (excluding ball peen hammers) . . . . . millions..2002..	18	X	4.2	38 399
	1997..	N	X	N	N
3322128116	Heavy forged handtools, sledges (4 lb or more), picks, pick mattocks, and mauls . . . . .2002..	7	X	X	36 845
	1997..	N	X	X	N
3322128121	Steel handtool goods (forks, hoes, rakes, weeders, etc.) . . . . . millions..2002..	13	X	S	91 864

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332212	Hand and edge tool manufacturing—Con.				
3322128	All other miscellaneous handtools—Con.				
33221281	Other handtools, including woodworking and metal working files and rasps, including precision files, (except edge tools)—Con.				
3322128121	Steel handtool goods (forks, hoes, rakes, weeders, etc.)—Con.				
3322128131	Soldering irons (electric) . . . . . millions	1997.. N 2002.. 5	X X	N D	N D
3322128136	Clamps and vises (excluding machine tool accessories) . . . . .	1997.. N 2002.. 25	X X	N X	N 71 584
3322128141	Wheelbarrows . . . . .	1997.. N 2002.. 4	X X	X D	N D
3322128151	Metal cutting shears (including aviation and tinner's snips, BX, and wire filament cutters) . . . . .	1997.. N 2002.. 15	X X	X X	N 67 045
3322128161	Tool-type scissors and shears . . . . .	1997.. N 2002.. 13	X X	X X	N 89 622
3322128199	Other handtools, including nonpowered lawnmowers, woodworking and metalworking files and rasps, and precision files, (except edge tools) . . . . .	1997.. N 2002.. 88	X X	X X	N 596 379
3322128Y	All other miscellaneous handtools, nsk . . . . .	1997.. N 2002.. N	X X	X X	N 3 711
3322128YVW	All other miscellaneous handtools, nsk . . . . .	1997.. N 2002.. N	X X	X X	N 3 711
3322129	Precision measuring tools (inspection, quality control, tool room, and machinists') . . . . .	1997.. N 2002.. N	X X	X X	N 713 047 701 831
33221291	Precision measuring tools (inspection, quality control, tool room, and machinists') . . . . .	1997.. N 2002.. N	X X	X X	N 377 839 417 545
3322129101	Precision measuring tools (inspection, quality control, tool room, and machinists'), comparators (excluding optical) . . . . .	1997.. N 2002.. 14	X X	X X	N 115 927 8 438
3322129106	Precision measuring tools (inspection, quality control, tool room, and machinists'), fixture type, fixed size precision measuring limit gauges (American Gauge Design Type C58-61) . . . . .	1997.. 8 2002.. 25	X X	X X	N 23 061 38 125
3322129111	Precision measuring tools (inspection, quality control, tool room, and machinists'), thread type, fixed size precision measuring limit gauges (American Gauge Design Type C58-61) . . . . .	1997.. 22 2002.. 18	X X	X X	N 23 770 35 472
3322129116	Precision measuring tools (inspection, quality control, tool room, and machinists'), adjustable size . . . . .	1997.. 5 2002.. 8	X X	X X	D 40 268 8 715
3322129121	Precision measuring gauge blocks . . . . .	1997.. 8 2002.. 8	X X	X X	N 21 568 19 355
3322129126	Precision measuring dial indicators . . . . .	1997.. 16 2002.. 4	X X	X X	N 33 430 18 848
3322129131	Precision measuring micrometers and calipers . . . . .	1997.. 8 2002.. 8	X X	X X	N 27 724
3322129171	Other precision measuring tools, including industrial quality control laser systems and equipment, dividers, gear checking and surface texture measuring machines . . . . .	1997.. 29 2002.. N	X X	X X	N 127 895 N
33221292	Pneumatic and electronic precision measuring gauges (manual and automatic) . . . . .	1997.. N 2002.. N	X X	X X	N 68 132 76 933
3322129236	Pneumatic and electronic precision measuring gauges (manual and automatic) . . . . .	1997.. N 2002.. 18	X X	X X	N 68 132 76 933
33221293	Coordinate and contour precision measuring machines (inspection and gauging) . . . . .	1997.. N 2002.. N	X X	X X	N 175 741 162 179
3322129341	Coordinate and contour precision measuring machines (inspection and gauging) . . . . .	1997.. N 2002.. 15	X X	X X	N 175 741 162 179
33221294	Parts and accessories for machinists' precision measuring tools (sold separately) . . . . .	1997.. N 2002.. N	X X	X X	N 7 952 34 808
3322129451	Parts and accessories for machinists' precision measuring tools (sold separately) . . . . .	1997.. 8 2002.. 19	X X	X X	N 7 952 34 808
3322129Y	Precision measuring tools (inspection, quality control, tool room, and machinists'), nsk . . . . .	1997.. N 2002.. N	X X	X X	N 83 383 10 366
3322129YVW	Precision measuring tools (inspection, quality control, tool room, and machinists'), nsk . . . . .	1997.. N 2002.. N	X X	X X	N 83 383 10 366
332212W	Hand and edge tool manufacturing, nsk, total . . . . .	1997.. N 2002.. N	X X	X X	N 439 688 325 018
332212WY	Hand and edge tool manufacturing, nsk, total . . . . .	1997.. N 2002.. N	X X	X X	N 439 688 325 018
332212WYVW	Hand and edge tool manufacturing, nsk, for nonadministrative-record establishments . . . . .	1997.. N 2002.. N	X X	X X	N 276 769 149 794
332212WYVY	Hand and edge tool manufacturing, nsk, for administrative-record establishments . . . . .	1997.. N 2002.. N	X X	X X	N 162 919 175 224
332213	Saw blade and handsaw manufacturing . . . . .	1997.. N 2002.. N	X X	X X	N 1 193 757 1 283 032
3322130	Saw blades and handsaws . . . . .	1997.. N 2002.. N	X X	X X	N 1 193 757 1 283 032

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332213	Saw blade and handsaw manufacturing—Con.				
3322130	Saw blades and handsaws—Con.				
33221301	Woodworking power sawblades and accessories .....	2002.. N	X	X	546 682
		1997.. N	X	X	545 368
3322130101	Power circular saw blades for woodworking, solid tooth .....	2002.. 15	X	X	108 996
		1997.. 20	X	X	86 809
3322130106	Power circular saw blades for woodworking, inserted tooth .....	2002.. 13	X	X	59 341
		1997.. 19	X	X	111 096
3322130111	Power band saw blades for woodworking .....	2002.. 16	X	X	20 474
		1997.. 19	X	X	66 221
3322130116	Teeth for inserted power woodworking saws, sold separately .....	2002.. 6	X	X	D
		1997.. 6	X	X	24 474
3322130122	All other woodworking power saw blades (scroll, jig, etc.) .....	2002.. 10	X	X	D
		1997.. 21	X	X	256 768
33221302	Metalworking and other power saw blades and accessories .....	2002.. N	X	X	442 635
		1997.. N	X	X	510 434
3322130226	Power circular saw blades for metalworking (including metal teeth and cutting segments sold separately) .....	2002.. 9	X	X	20 352
		1997.. 24	X	X	49 273
3322130236	Power band saw blades for metalworking (including flexible back, spring temper metal cutting, and high-speed metal cutting) .....	2002.. 13	X	X	108 089
		1997.. 16	X	X	208 421
3322130245	Other metalworking saw blades (including saber, reciprocating etc.), and hack (power only) .....	2002.. 9	X	X	59 401
		1997.. N	X	X	N
3322130255	All other power saw blades .....	2002.. 25	X	X	254 793
		1997.. 27	X	X	160 941
33221303	All other hand-operated saws .....	2002.. N	X	X	142 879
		1997.. N	X	X	184 957
3322130361	Hand-operated hacksaws .....	millions.. 2002.. 6	X	S	17 751
		1997.. 12	X	S	36 431
3322130365	Hand-operated carpenter crosscut saws and rip saws .....	millions.. 2002.. 3	X	—	16 335
		1997.. 4	X	P4.0	21 269
3322130377	Other handsaws (including heavy handsaws, crosscut, buck, miter, coping, pruning, compass, etc.), including frames and blades .....	2002.. 14	X	X	108 793
		1997.. 17	X	X	127 257
3322130Y	Saw blades and handsaws, nsk, total .....	2002.. N	X	X	61 561
		1997.. N	X	X	42 273
3322130YWW	Saw blades and handsaws, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	23 876
		1997.. N	X	X	2 988
3322130YWY	Saw blades and handsaws, nsk, for administrative-record establishments .....	2002.. N	X	X	37 685
		1997.. N	X	X	39 285
332214	Kitchen utensil, pot, and pan manufacturing .....	2002.. N	X	X	1 370 603
		1997.. N	X	X	1 349 496
3322141	Stamped and spun utensils, cooking and kitchen, aluminum .....	2002.. N	X	X	818 725
		1997.. N	X	X	783 759
33221411	Top of range household stamped and spun aluminum utensils (items generally used directly on top of source of heat), including pressure cookers .....	2002.. N	X	X	490 288
		1997.. N	X	X	412 383
3322141111	Top of range household stamped and spun aluminum utensils (items generally used directly on top of source of heat), including pressure cookers .....	2002.. 15	X	X	490 288
		1997.. 16	X	X	412 383
33221412	Other stamped and spun aluminum cooking and kitchen utensils, including commercial and hospital .....	2002.. N	X	X	328 176
		1997.. N	X	X	371 376
3322141221	Stamped and spun aluminum utensils, cooking and kitchen .....	2002.. 24	X	X	219 366
		1997.. 32	X	X	274 036
3322141231	Camping and outdoor stamped and spun aluminum cooking equipment .....	2002.. 8	X	X	10 311
		1997.. 13	X	X	22 534
3322141241	Other stamped and spun aluminum cooking and kitchen utensils (including commercial and hospital) .....	2002.. 18	X	X	98 499
		1997.. 18	X	X	74 806
3322141Y	Stamped and spun utensils, cooking and kitchen, aluminum, nsk .....	2002.. N	X	X	261
		1997.. N	X	X	—
3322141YWV	Stamped and spun utensils, cooking and kitchen, aluminum, nsk .....	2002.. N	X	X	261
		1997.. N	X	X	—
3322143	Stamped and spun utensils, cooking and kitchen, except aluminum .....	2002.. N	X	X	541 828
		1997.. N	X	X	562 185
33221431	Top of range household stamped and spun stainless steel utensils (items generally used directly on top of source of heat) .....	2002.. N	X	X	144 135
		1997.. N	X	X	306 128
3322143101	Top of range household stamped and spun stainless steel utensils (items generally used directly on top of source of heat) .....	2002.. 12	X	X	144 135
		1997.. 13	X	X	306 128
33221432	Other stamped and spun cooking and kitchen utensils (including copper and vitreous enamel) .....	2002.. N	X	X	397 037
		1997.. N	X	X	251 184
3322143215	Other stamped and spun stainless steel cooking and kitchen utensils, including commercial, hospital, and outdoor cooking equipment .....	2002.. 36	X	X	280 413
		1997.. N	X	X	N
3322143231	Tinware (including household, commercial, hospital, and outdoor cooking equipment) .....	2002.. 6	X	X	13 436
		1997.. 8	X	X	108 172

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332214	Kitchen utensil, pot, and pan manufacturing—Con.				
3322143	Stamped and spun utensils, cooking and kitchen, except aluminum—Con.				
33221432	Other stamped and spun cooking and kitchen utensils (including copper and vitreous enamel)—Con.				
3322143241	Other stamped and spun cooking and kitchen utensils (including copper and vitreous enamel) . . . . .	2002 . . . . . 8 1997 . . . . . 16	X X	X X	103 188 39 733
3322143Y	Stamped and spun utensils, cooking and kitchen, except aluminum, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	656 4 873
3322143YVV	Stamped and spun utensils, cooking and kitchen, except aluminum, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	656 4 873
332214W	Kitchen utensil, pot, and pan manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	10 050 3 552
332214WY	Kitchen utensil, pot, and pan manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	10 050 3 552
332214WYVV	Kitchen utensil, pot, and pan manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 893 S
332214WYVY	Kitchen utensil, pot, and pan manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	6 157 4 597
332311	Prefabricated metal building and component manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	4 662 099 4 263 807
3323111	Prefabricated metal building and component systems (excluding farm service buildings, residential buildings, and parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 947 570 2 969 439
33231111	Prefabricated metal building systems (excluding farm service buildings, residential buildings, and parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	384 595 650 514
3323111106	Institutional, medical, and religious prefabricated metal building systems (excluding farm service buildings, residential buildings, and parts) . . . . .	2002 . . . . . 42 1997 . . . . . 34	X X	X X	169 098 351 532
3323111111	Public and educational prefabricated metal building systems (excluding farm service buildings, residential buildings, and parts) . . . . .	2002 . . . . . 42 1997 . . . . . 40	X X	X X	215 497 298 982
33231112	Industrial and commercial prefabricated metal building systems (excluding farm service buildings, residential buildings, and parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 312 656 2 301 806
3323111201	Industrial and commercial prefabricated metal building systems (excluding farm service buildings, residential buildings, and parts) . . . . .	2002 . . . . . 119 1997 . . . . . 139	X X	X X	2 312 656 2 301 806
3323111Y	Prefabricated metal building and component systems (excluding farm service buildings, residential buildings, and parts), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	250 319 17 119
3323111YVV	Prefabricated metal building and component systems (excluding farm service buildings, residential buildings, and parts), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	250 319 17 119
3323113	Other prefabricated and portable metal buildings and parts . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 158 411 1 043 701
33231131	Prefabricated and portable farm services buildings, greenhouses, and grain storage buildings, steel and aluminum . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	335 224 292 201
3323113101	Prefabricated and portable greenhouses, steel and aluminum . . . . .	2002 . . . . . 18 1997 . . . . . 26	X X	X X	120 676 126 646
3323113106	Prefabricated and portable grain storage buildings, including farm and commercial types, steel and aluminum . . . . .	2002 . . . . . 20 1997 . . . . . 22	X X	X X	95 907 98 027
3323113111	Other prefabricated and portable farm service buildings (livestock shelters, machinery storage, etc.), steel and aluminum . . . . .	2002 . . . . . 39 1997 . . . . . 29	X X	X X	118 641 67 528
33231132	Prefabricated and portable aluminum and steel buildings . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	671 974 740 610
3323113216	Prefabricated and portable small steel utility buildings, including toolsheds, cabanas, storage houses, etc. . . . .	2002 . . . . . 30 1997 . . . . . 20	X X	X X	66 012 134 169
3323113221	Other prefabricated and portable steel buildings . . . . .	2002 . . . . . 24 1997 . . . . . 47	X X	X X	131 864 196 596
3323113226	Prefabricated and portable dwellings, steel and aluminum, including vacation homes and camps . . . . .	2002 . . . . . 8 1997 . . . . . 7	X X	X X	58 988 11 566
3323113231	Prefabricated and portable small aluminum utility buildings, including toolsheds, cabanas, storage houses, etc. . . . .	2002 . . . . . 18 1997 . . . . . 14	X X	X X	80 341 92 574
3323113236	Other prefabricated and portable aluminum buildings . . . . .	2002 . . . . . 6 1997 . . . . . 12	X X	X X	9 972 47 648
3323113241	Panels, parts, and sections for prefabricated buildings, not sold as a complete unit, steel and aluminum . . . . .	2002 . . . . . 55 1997 . . . . . 75	X X	X X	324 797 258 057
3323113Y	Other prefabricated and portable metal buildings and parts, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	151 213 10 890
3323113YVV	Other prefabricated and portable metal buildings and parts, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	151 213 10 890

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332311	Prefabricated metal building and component manufacturing—Con.				
332311W	Prefabricated metal building and component manufacturing, nsk, total .....	2002.. N	X	X	556 118
		1997.. N	X	X	250 667
332311WY	Prefabricated metal building and component manufacturing, nsk, total .....	2002.. N	X	X	556 118
		1997.. N	X	X	250 667
332311WYWW	Prefabricated metal building and component manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	286 965
		1997.. N	X	X	133 447
332311WYWY	Prefabricated metal building and component manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	269 153
		1997.. N	X	X	117 220
332312	Fabricated structural metal manufacturing .....	2002.. N	X	X	17 578 243
		1997.. N	X	X	13 969 307
3323121	Fabricated structural metal bar joists and concrete reinforcing bars .....	2002.. N	X	X	9 496 008
		1997.. N	X	X	8 651 407
33231211	Fabricated structural iron and steel for industrial buildings, metal bar joists, short span (open web) .....	2002.. N	X	X	3 157 302
		1997.. N	X	X	3 043 019
3323121101	Fabricated structural iron and steel for industrial buildings, metal bar joists, short span (open web) .....	2002.. 598	X	X	3 157 302
		1997.. 814	X	X	3 043 019
33231212	Fabricated structural iron and steel for commercial, residential, institutional, and public buildings .....	2002.. N	X	X	6 012 777
		1997.. N	X	X	5 484 328
3323121206	Fabricated structural iron and steel for commercial buildings, including metal bar joists, long span .....	2002.. 769	X	X	3 504 903
		1997.. 789	X	X	3 576 352
3323121211	Fabricated structural iron and steel for residential buildings, including metal concrete reinforcing bars .....	2002.. 211	X	X	883 010
		1997.. 205	X	X	911 451
3323121216	Fabricated structural iron and steel for institutional, medical, and religious buildings .....	2002.. 329	X	X	482 489
		1997.. 273	X	X	324 058
3323121221	Fabricated structural iron and steel for public and educational buildings .....	2002.. 367	X	X	784 725
		1997.. 318	X	X	495 621
3323121226	Fabricated structural iron and steel for public utilities .....	2002.. 104	X	X	277 336
		1997.. 98	X	X	105 664
3323121231	Fabricated structural aluminum for buildings (all types) .....	2002.. 36	X	X	80 314
		1997.. 30	X	X	71 182
3323121Y	Fabricated structural metal bar joists and concrete reinforcing bars, nsk .....	2002.. N	X	X	325 929
		1997.. N	X	X	124 060
3323121YWV	Fabricated structural metal bar joists and concrete reinforcing bars, nsk .....	2002.. N	X	X	325 929
		1997.. N	X	X	124 060
3323123	Fabricated structural metal for bridges .....	2002.. N	X	X	1 036 854
		1997.. N	X	X	566 114
33231231	Fabricated structural metal for bridges .....	2002.. N	X	X	1 036 854
		1997.. N	X	X	566 114
3323123100	Fabricated structural metal for bridges .....	2002.. 101	X	X	1 036 854
		1997.. 78	X	X	566 114
3323125	Other fabricated structural metal .....	2002.. N	X	X	4 065 080
		1997.. N	X	X	3 248 613
33231251	Other fabricated structural iron and steel, metal and aluminum .....	2002.. N	X	X	D
		1997.. N	X	X	2 748 025
3323125106	Fabricated structural iron and steel for transmission towers, substations, radio antenna towers, and supporting structures .....	2002.. 68	X	X	539 640
		1997.. 66	X	X	447 973
3323125111	Fabricated structural iron and steel for offshore oil and gas platforms .....	2002.. 22	X	X	761 278
		1997.. 35	X	X	626 639
3323125116	Fabricated structural iron and steel for tunneling and subway work .....	2002.. 8	X	X	D
		1997.. 13	X	X	31 537
3323125121	Fabricated structural iron and steel for aerospace and defense .....	2002.. 41	X	X	386 065
		1997.. 41	X	X	155 560
3323125126	Other fabricated structural iron and steel .....	2002.. 246	X	X	1 232 323
		1997.. 387	X	X	1 342 015
3323125131	Fabricated structural aluminum for ships, boats, barges, transmission towers, and other structures .....	2002.. 31	X	X	69 594
		1997.. 31	X	X	75 521
3323125136	Fabricated structural metal other than iron, steel, or aluminum .....	2002.. 43	X	X	112 190
		1997.. 29	X	X	68 780
33231252	Fabricated structural iron and steel for ships, boats, and barges .....	2002.. N	X	X	D
		1997.. N	X	X	440 045
3323125201	Fabricated structural iron and steel for ships, boats, and barges .....	2002.. 38	X	X	D
		1997.. 41	X	X	440 045
3323125Y	Other fabricated structural metal, nsk .....	2002.. N	X	X	440 470
		1997.. N	X	X	60 543
3323125YWV	Other fabricated structural metal, nsk .....	2002.. N	X	X	440 470
		1997.. N	X	X	60 543
332312W	Fabricated structural metal manufacturing, nsk, total .....	2002.. N	X	X	2 980 301
		1997.. N	X	X	1 503 173
332312WY	Fabricated structural metal manufacturing, nsk, total .....	2002.. N	X	X	2 980 301
		1997.. N	X	X	1 503 173
332312WYWW	Fabricated structural metal manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	2 275 869

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332312	Fabricated structural metal manufacturing—Con.				
332312W	Fabricated structural metal manufacturing, nsk, total—Con.				
332312WY	Fabricated structural metal manufacturing, nsk, total—Con.				
332312WYWW	Fabricated structural metal manufacturing, nsk, for nonadministrative-record establishments—Con.				
332312WYWY	Fabricated structural metal manufacturing, nsk, for administrative-record establishments	1997.. N	X	X	1 047 107
		2002.. N	X	X	704 432
		1997.. N	X	X	456 066
332313	Plate work manufacturing	2002.. N	X	X	3 145 341
		1997.. N	X	X	2 894 827
3323130	Fabricated plate work (stacks and weldments)	2002.. N	X	X	3 145 341
		1997.. N	X	X	2 894 827
33231301	Power boiler and heat exchangers	2002.. N	X	X	202 691
		1997.. N	X	X	287 668
3323130111	Fabricated steel plate containers (trash and other), less than 13 gal	2002.. 8	X	X	42 404
		1997.. 4	X	X	2 429
3323130116	Fabricated steel plate containers (trash and other), 13 gal to 79 gal	2002.. 11	X	X	31 233
		1997.. 13	X	X	48 985
3323130121	Fabricated steel plate containers (trash and other), more than 79 gal	2002.. 34	X	X	129 054
		1997.. 68	X	X	236 254
33231302	Power boiler and heat exchangers	2002.. N	X	X	198 535
		1997.. N	X	X	220 147
3323130226	Fabricated steel plate sound control equipment for jet engine test facilities (including hush houses, demountable run-up silencers, demountable test cells, etc.)	2002.. 1	X	X	D
		1997.. 4	X	X	D
3323130231	Fabricated steel plate sound control equipment for gas turbine sound systems (enclosed) (including natural gas compression, electric generation, marine propulsion, etc.)	2002.. 5	X	X	D
		1997.. 6	X	X	D
3323130236	Other fabricated steel plate sound control equipment (including sound panels, one piece enclosures, industrial silencers, and air duct silencers)	2002.. 29	X	X	D
		1997.. 30	X	X	134 435
33231303	Weldments and fabricated steel plate for other purposes	2002.. N	X	X	1 824 482
		1997.. N	X	X	1 951 533
3323130301	Fabricated steel plate shielding for use in nuclear reactor buildings	2002.. 3	X	X	D
		1997.. 11	X	X	27 155
3323130346	Weldments and fabricated steel plate for other purposes	2002.. 832	X	X	D
		1997.. 987	X	X	1 924 378
33231304	Fabricated steel plate pipe, penstocks, tunnel lining, stacks, and breeching	2002.. N	X	X	100 505
		1997.. N	X	X	121 362
3323130406	Fabricated steel plate pipe, penstocks, tunnel lining, stacks, and breeching	2002.. 35	X	X	100 505
		1997.. 43	X	X	121 362
3323130Y	Fabricated plate work (stacks and weldments), nsk, total	2002.. N	X	X	819 128
		1997.. N	X	X	314 117
3323130YWW	Fabricated plate work (stacks and weldments), nsk, for nonadministrative-record establishments	2002.. N	X	X	730 489
		1997.. N	X	X	149 286
3323130YWY	Fabricated plate work (stacks and weldments), nsk, for administrative-record establishments	2002.. N	X	X	88 639
		1997.. N	X	X	164 831
332321	Metal window and door manufacturing	2002.. N	X	X	10 289 081
		1997.. N	X	X	8 994 752
3323211	Metal doors (except storm doors)	2002.. N	X	X	5 386 625
		1997.. N	X	X	4 700 215
33232111	Residential aluminum doors, including garage and closet doors (excluding shower doors, tub enclosures, and storm doors)	2002.. N	X	X	479 829
		1997.. N	X	X	551 640
3323211110	Swinging residential aluminum doors (excluding shower doors, tub enclosures, and storm doors)	2002.. 22	X	X	133 414
		1997.. 21	X	X	148 191
3323211113	Sliding residential aluminum doors (glass, patio-type) (excluding shower doors, tub enclosures, and storm doors)	2002.. 45	X	X	189 935
		1997.. 65	X	X	221 328
3323211116	All other residential aluminum doors, including garage and closet doors (excluding shower doors, tub enclosures, and storm doors)	2002.. 25	X	X	115 021
		1997.. 15	X	X	61 127
3323211119	Overhead and sliding commercial and institutional aluminum doors (excluding shower doors, tub enclosures, and storm doors)	2002.. 18	X	X	41 459
		1997.. 18	X	X	120 994
33232112	Commercial, institutional, and industrial aluminum doors (excluding shower doors, tub enclosures, and storm doors)	2002.. N	X	X	770 920
		1997.. N	X	X	527 540
3323211201	Overhead industrial aluminum doors	2002.. 14	X	X	D
		1997.. 10	X	X	63 361
3323211204	Sliding industrial aluminum doors	2002.. 6	X	X	D
		1997.. 4	X	X	D
3323211207	All other industrial aluminum doors	2002.. 16	X	X	42 829
		1997.. 13	X	X	D
3323211222	Swinging commercial and institutional aluminum doors (excluding shower doors, tub enclosures, and storm doors)	2002.. 21	X	X	232 141
		1997.. 23	X	X	152 040

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332321	Metal window and door manufacturing—Con.				
3323211	Metal doors (except storm doors)—Con.				
33232112	Commercial, institutional, and industrial aluminum doors (excluding shower doors, tub enclosures, and storm doors)—Con.				
3323211225	All other commercial and institutional aluminum doors (excluding shower doors, tub enclosures, and storm doors) .....	2002.. 24	X	X	310 000
		1997.. 24	X	X	205 962
33232113	Industrial iron and steel doors .....	2002.. N	X	X	384 404
		1997.. N	X	X	566 857
3323211328	Overhead industrial iron and steel doors .....	2002.. 23	X	X	246 759
		1997.. 40	X	X	318 882
3323211331	Swing industrial iron and steel doors .....	2002.. 23	X	X	65 681
		1997.. 24	X	X	118 026
3323211334	All other industrial iron and steel doors (including sliding) .....	2002.. 26	X	X	71 964
		1997.. 28	X	X	129 949
33232114	Residential iron and steel doors, except garage doors (excluding shower doors, tub enclosures, and storm doors) .....	2002.. N	X	X	834 284
		1997.. N	X	X	924 207
3323211440	Residential steel composite doors (steel clad with foam wood components) (excluding shower doors, tub enclosures, and storm doors) .....	2002.. 20	X	X	389 373
		1997.. 18	X	X	219 783
3323211443	Residential insulated steel entrance doors (except storm doors) .....	2002.. 33	X	X	264 787
		1997.. 34	X	X	491 119
3323211446	All other residential iron and steel doors, including slide, swing, and closet doors (excluding shower doors, tub enclosures, and storm doors) .....	2002.. 22	X	X	180 124
		1997.. 24	X	X	213 305
33232115	Commercial and institutional iron and steel doors (excluding shower doors, tub enclosures, and storm doors) .....	2002.. N	X	X	1 035 957
		1997.. N	X	X	718 751
3323211549	Overhead and sliding commercial and institutional iron and steel doors (excluding shower doors, tub enclosures, and storm doors) .....	2002.. 39	X	X	310 647
		1997.. 43	X	X	240 452
3323211552	Swing commercial and institutional iron and steel doors (excluding shower doors, tub enclosures, and storm doors) .....	2002.. 44	X	X	476 697
		1997.. 48	X	X	332 399
3323211555	All other commercial and institutional iron and steel doors (excluding shower doors, tub enclosures, and storm doors) .....	2002.. 23	X	X	248 613
		1997.. 32	X	X	145 900
33232116	Door frames, including trim sold as an integral part of the door frame (except storm door frames) .....	2002.. N	X	X	363 328
		1997.. N	X	X	304 595
3323211661	Aluminum door frames, including trim sold as an integral part of the door frame (except storm door frames) .....	2002.. 30	X	X	128 785
		1997.. 22	X	X	115 333
3323211664	Steel door frames, including trim sold as an integral part of the door frame, 16 gauge and heavier (except storm door frames) .....	2002.. 47	X	X	157 947
		1997.. 41	X	X	105 501
3323211667	Steel door frames, including trim sold as an integral part of the door frame, lighter than 16 gauge (except storm door frames) .....	2002.. 22	X	X	76 596
		1997.. 23	X	X	83 761
33232117	Shower doors and tub enclosures (all metals) and other metal doors not made of aluminum or steel .....	2002.. N	X	X	436 197
		1997.. N	X	X	287 982
3323211758	Metal doors other than steel and aluminum (excluding shower doors, tub enclosures, and storm doors) .....	2002.. 9	X	X	39 054
		1997.. 6	X	X	18 981
3323211770	Shower doors and tub enclosures (all metal) .....	2002.. 38	X	X	397 143
		1997.. 42	X	X	269 001
33232118	Residential iron and steel garage doors .....	2002.. N	X	X	968 375
		1997.. N	X	X	782 511
3323211837	Residential iron and steel garage doors .....	2002.. 31	X	X	968 375
		1997.. 39	X	X	782 511
3323211Y	Metal doors (except storm doors), nsk .....	2002.. N	X	X	113 331
		1997.. N	X	X	36 132
3323211YVW	Metal doors (except storm doors), nsk .....	2002.. N	X	X	113 331
		1997.. N	X	X	36 132
3323213	Metal windows (except storm sash) .....	2002.. N	X	X	2 142 257
		1997.. N	X	X	1 919 103
33232131	All other residential aluminum window sash and frames, including jalousie (excluding storm sash) .....	2002.. N	X	X	269 299
		1997.. N	X	X	353 227
3323213101	Residential steel window sash and frames (except storm sash) .....	2002.. 17	X	X	49 879
		1997.. 18	X	X	75 709
3323213111	Residential aluminum awning window sash and frames (except storm sash) .....	2002.. 17	X	X	38 158
		1997.. 23	X	X	51 155
3323213116	Residential aluminum horizontal sliding window sash and frames (excluding storm sash) .....	2002.. 45	X	X	121 615
		1997.. 60	X	X	129 511
3323213121	All other residential aluminum window sash and frames, including jalousie (excluding storm sash) .....	2002.. 22	X	X	59 647
		1997.. 40	X	X	96 852
33232132	Other metal window sash and frames (except storm sash) .....	2002.. N	X	X	932 592
		1997.. N	X	X	812 377
3323213226	Other steel window sash and frames (including commercial, industrial, etc.) (except storm sash) .....	2002.. 23	X	X	103 793
		1997.. 27	X	X	99 391

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**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332321	Metal window and door manufacturing—Con.				
3323213	Metal windows (except storm sash)—Con.				
33232132	Other metal window sash and frames (except storm sash)—Con.				
3323213231	Other aluminum single and double hung sash and frames (including commercial, industrial, etc.) (except storm sash) .....	2002.. 44 1997.. 53	X X	X X	316 453 428 301
3323213236	Other aluminum awning window sash and frames (including commercial, industrial, etc.) (except storm sash) .....	2002.. 14 1997.. 14	X X	X X	13 806 30 066
3323213241	Other aluminum projected window sash and frames (including commercial, industrial, etc.) (except storm sash) .....	2002.. 28 1997.. 24	X X	X X	89 064 94 803
3323213246	Other aluminum window sash and frames (including commercial, industrial, etc.) (except storm sash) .....	2002.. 48 1997.. 41	X X	X X	379 338 106 229
3323213251	Metal window, other than steel or aluminum (except storm sash) .....	2002.. 8 1997.. 16	X X	X X	30 138 53 587
33232133	Residential aluminum single and double hung window sash and frames (excluding storm sash) .....	2002.. N 1997.. N	X X	X X	789 098 753 499
3323213306	Residential aluminum single and double hung window sash and frames (excluding storm sash) .....	2002.. 79 1997.. 106	X X	X X	789 098 753 499
3323213Y	Metal windows (except storm sash), nsk .....	2002.. N 1997.. N	X X	X X	151 268 —
3323213YWV	Metal windows (except storm sash), nsk .....	2002.. N 1997.. N	X X	X X	151 268 —
3323215	Metal molding and trim and store fronts .....	2002.. N 1997.. N	X X	X X	988 156 876 573
33232151	All other metal trim (including combination of metal) .....	2002.. N 1997.. N	X X	X X	954 726 876 573
3323215102	Aluminum moldings and trim .....	2002.. 37 1997.. N	X X	X X	428 248 N
3323215104	Steel molding and trim .....	2002.. 9 1997.. N	X X	X X	12 290 N
3323215108	Store fronts, sold complete at factory .....	2002.. 10 1997.. N	X X	X X	30 391 N
3323215109	Steel curtain walls (including stainless) .....	2002.. 11 1997.. N	X X	X X	15 389 N
3323215110	Aluminum curtain walls .....	2002.. 24 1997.. N	X X	X X	434 616 N
3323215112	All other curtain walls .....	2002.. 10 1997.. N	X X	X X	33 792 N
3323215Y	Metal molding and trim and store fronts, nsk .....	2002.. N 1997.. N	X X	X X	33 430 —
3323215YWV	Metal molding and trim and store fronts, nsk .....	2002.. N 1997.. N	X X	X X	33 430 —
3323217	Metal combination screen, storm sash, and storm doors .....	2002.. N 1997.. N	X X	X X	544 830 485 069
33232171	Metal storm sash (including combination) .....	2002.. N 1997.. N	X X	X X	529 378 485 069
3323217101	Metal storm sash (except combination) .....	2002.. 9 1997.. 13	X X	X X	13 422 16 949
3323217106	Metal combination screen and storm sash .....	2002.. 31 1997.. 54	X X	X X	60 935 132 288
3323217111	Metal storm doors .....	2002.. 45 1997.. 59	X X	X X	455 021 335 832
3323217Y	Metal combination screen, storm sash, and storm doors, nsk .....	2002.. N 1997.. N	X X	X X	15 452 —
3323217YWV	Metal combination screen, storm sash, and storm doors, nsk .....	2002.. N 1997.. N	X X	X X	15 452 —
3323219	Metal window and door screens (except combination) and metal weather strip .....	2002.. N 1997.. N	X X	X X	342 932 295 818
33232191	Metal door, window screens, and metal weather strip .....	2002.. N 1997.. N	X X	X X	329 085 295 818
3323219101	Metal door screens .....	2002.. 23 1997.. 28	X X	X X	62 877 71 554
3323219106	Metal window screens, with metal frames (including tension and roll types) .....	2002.. 31 1997.. 53	X X	X X	171 707 147 150
3323219111	Metal weather strip .....	2002.. 18 1997.. 15	X X	X X	94 501 77 114
3323219Y	Metal window and door screens (except combination) and metal weather strip, nsk .....	2002.. N 1997.. N	X X	X X	13 847 —
3323219YWV	Metal window and door screens (except combination) and metal weather strip, nsk .....	2002.. N 1997.. N	X X	X X	13 847 —
332321W	Metal window and door manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	884 281 717 974
332321WY	Metal window and door manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	884 281 717 974
332321WYWW	Metal window and door manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	616 707 470 580
332321WYWY	Metal window and door manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	267 574 247 394
332322	Sheet metal work manufacturing .....	2002.. N 1997.. N	X X	X X	14 547 281 15 129 494

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**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332322	Sheet metal work manufacturing—Con.				
3323221	Sheet metal air-conditioning ducts and stove pipe	2002.. N 1997.. N	X X	X X	1 831 782 1 403 145
33232211	Sheet metal air-conditioning ducts, (including dust collection ducts)	2002.. N 1997.. N	X X	X X	1 375 544 1 040 905
3323221101	Sheet metal work (including dust collection ducts)	2002.. 275 1997.. 312	X X	X X	1 302 934 970 356
3323221106	Aluminum sheet metal work (including dust collection ducts)	2002.. 47 1997.. 56	X X	X X	72 610 70 549
33232212	Sheet metal stove pipe, furnace smoke pipe, and elbows	2002.. N 1997.. N	X X	X X	317 446 323 940
3323221211	Steel sheet metal stove pipe, furnace smoke pipe, and elbows	2002.. 56 1997.. 85	X X	X X	279 064 264 743
3323221216	Aluminum sheet metal stove pipe, furnace smoke pipe, and elbows	2002.. 11 1997.. 17	X X	X X	38 382 59 197
3323221Y	Sheet metal air-conditioning ducts and stove pipe, nsk	2002.. N 1997.. N	X X	X X	138 792 38 300
3323221YVV	Sheet metal air-conditioning ducts and stove pipe, nsk	2002.. N 1997.. N	X X	X X	138 792 38 300
3323223	Sheet metal culverts, flumes, irrigation pipes, etc.	2002.. N 1997.. N	X X	X X	580 062 424 827
33232231	Sheet metal culverts, flumes, irrigation pipes, etc.	2002.. N 1997.. N	X X	X X	532 278 424 827
3323223101	Steel sheet metal culverts, flumes, irrigation pipes, etc.	2002.. 37 1997.. 45	X X	X X	452 169 364 935
3323223106	Aluminum sheet metal culverts, flumes, irrigation pipes, etc.	2002.. 10 1997.. 14	X X	X X	18 401 45 784
3323223111	Other sheet metal culverts, flumes, irrigation pipes, etc.	2002.. 26 1997.. 7	X X	X X	61 708 14 108
3323223Y	Sheet metal culverts, flumes, irrigation pipes, etc., nsk	2002.. N 1997.. N	X X	X X	27 784 —
3323223YVV	Sheet metal culverts, flumes, irrigation pipes, etc., nsk	2002.. N 1997.. N	X X	X X	27 784 —
3323227	Sheet metal roofing and roof drainage equipment	2002.. N 1997.. N	X X	X X	1 444 863 1 390 714
33232271	Sheet metal roofing, all types	2002.. N 1997.. N	X X	X X	776 269 918 943
3323227101	Sheet metal roofing, all types	2002.. 145 1997.. 149	X X	X X	776 269 918 943
33232272	Sheet metal roof drainage equipment (including eave troughs, etc.)	2002.. N 1997.. N	X X	X X	581 663 435 150
3323227206	Aluminum and other sheet metal roofing, all types	2002.. 51 1997.. 45	X X	X X	164 114 121 976
3323227211	Steel sheet metal roof drainage equipment (including eave troughs, etc.)	2002.. 37 1997.. 55	X X	X X	114 930 116 637
3323227216	Aluminum sheet metal roof drainage equipment (including eave troughs, etc.)	2002.. 32 1997.. 42	X X	X X	241 281 170 983
3323227221	All other sheet metal roof drainage equipment (including eave troughs, etc.)	2002.. 20 1997.. 17	X X	X X	61 338 25 554
3323227Y	Sheet metal roofing and roof drainage equipment, nsk	2002.. N 1997.. N	X X	X X	86 931 36 621
3323227YVV	Sheet metal roofing and roof drainage equipment, nsk	2002.. N 1997.. N	X X	X X	86 931 36 621
3323229	Sheet metal flooring and siding	2002.. N 1997.. N	X X	X X	900 691 948 830
33232291	Sheet metal siding	2002.. N 1997.. N	X X	X X	645 927 800 301
3323229106	Steel sheet metal siding	2002.. 38 1997.. 56	X X	X X	216 874 420 660
3323229111	Residential aluminum sheet metal siding (including mobile homes)	2002.. 15 1997.. 19	X X	X X	238 691 271 151
3323229116	Other aluminum sheet metal siding (commercial, industrial, farm buildings, etc.)	2002.. 22 1997.. 14	X X	X X	60 348 87 521
3323229121	Other sheet metal siding	2002.. 41 1997.. 13	X X	X X	130 014 20 969
33232292	Fabricated sheet metal flooring	2002.. N 1997.. N	X X	X X	191 002 148 529
3323229201	Fabricated sheet metal flooring	2002.. 24 1997.. 30	X X	X X	191 002 148 529
3323229Y	Sheet metal flooring and siding, nsk	2002.. N 1997.. N	X X	X X	63 762 —
3323229YVV	Sheet metal flooring and siding, nsk	2002.. N 1997.. N	X X	X X	63 762 —
332322A	Sheet metal awnings, canopies, cornices, and soffits	2002.. N 1997.. N	X X	X X	684 375 722 495
332322A1	Sheet metal awnings, canopies, carports, soffit, and shutters (steel and aluminum)	2002.. N 1997.. N	X X	X X	614 685 706 142
332322A101	Steel sheet metal awnings, canopies, carports, and patios	2002.. 40 1997.. 41	X X	X X	91 572 136 662
332322A106	Aluminum sheet metal awnings, canopies, carports, and patios	2002.. 55 1997.. 59	X X	X X	165 662 148 869
332322A111	Sheet metal cornices, skylights, domes, and copings (steel and aluminum)	2002.. 60 1997.. 53	X X	X X	236 313 259 260

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332322	Sheet metal work manufacturing—Con.				
332322A	Sheet metal awnings, canopies, cornices, and soffits—Con.				
332322A1	Sheet metal awnings, canopies, carports, soffit, and shutters (steel and aluminum)—Con.				
332322A116	Sheet metal soffits, fascia, and shutters (steel and aluminum) .....	2002.. 56	X	X	121 138
		1997.. 55	X	X	161 351
332322AY	Sheet metal awnings, canopies, cornices, and soffits, nsk .....	2002.. N	X	X	69 690
		1997.. N	X	X	16 353
332322AYWV	Sheet metal awnings, canopies, cornices, and soffits, nsk .....	2002.. N	X	X	69 690
		1997.. N	X	X	16 353
332322C	Sheet metal electronic enclosures .....	2002.. N	X	X	2 337 659
		1997.. N	X	X	3 348 016
332322C1	Steel sheet metal computer and peripheral equipment enclosures .....	2002.. N	X	X	913 679
		1997.. N	X	X	1 529 077
332322C101	Steel sheet metal computer and peripheral equipment enclosures .....	2002.. 239	X	X	913 679
		1997.. 409	X	X	1 529 077
332322C2	Aluminum sheet metal computer and peripheral equipment enclosures .....	2002.. N	X	X	291 176
		1997.. N	X	X	547 623
332322C206	Aluminum sheet metal computer and peripheral equipment enclosures .....	2002.. 180	X	X	291 176
		1997.. 292	X	X	547 623
332322C3	Other sheet metal electronic enclosures (excluding computers), including machine and motor housings, panels, and guards (steel and aluminum) .....	2002.. N	X	X	830 162
		1997.. N	X	X	1 194 229
332322C311	Other sheet metal electronic enclosures (excluding computers), including machine and motor housings, panels, and guards (steel and aluminum) .....	2002.. 233	X	X	830 162
		1997.. 447	X	X	1 194 229
332322CY	Sheet metal electronic enclosures, nsk .....	2002.. N	X	X	302 642
		1997.. N	X	X	77 087
332322CYWV	Sheet metal electronic enclosures, nsk .....	2002.. N	X	X	302 642
		1997.. N	X	X	77 087
332322G	Other sheet metal work .....	2002.. N	X	X	3 638 441
		1997.. N	X	X	N
332322G1	Sheet metal roof ventilators, louvers and dampers for heating, ventilation, and air-conditioning .....	2002.. N	X	X	843 817
		1997.. N	X	X	N
332322G101	Steel and aluminum sheet metal roof ventilators .....	2002.. 47	X	X	432 298
		1997.. N	X	X	N
332322G107	Steel sheet metal work for heating, ventilation, and air-conditioning .....	2002.. 117	X	X	311 943
		1997.. N	X	X	N
332322G108	Aluminum sheet metal work for heating, ventilation, and air-conditioning .....	2002.. 52	X	X	99 576
		1997.. N	X	X	N
332322G2	Steel restaurant and hotel kitchen sheet metal equipment .....	2002.. N	X	X	341 635
		1997.. N	X	X	N
332322G211	Steel restaurant and hotel kitchen sheet metal equipment .....	2002.. 100	X	X	341 635
		1997.. N	X	X	N
332322G3	Aluminum and other sheet metal work .....	2002.. N	X	X	2 341 938
		1997.. N	X	X	N
332322G321	Aluminum restaurant and hotel kitchen sheet metal equipment .....	2002.. 22	X	X	35 084
		1997.. N	X	X	N
332322G326	Other steel sheet metal work .....	2002.. 491	X	X	1 630 783
		1997.. N	X	X	N
332322G331	Other aluminum sheet metal work .....	2002.. 160	X	X	211 295
		1997.. N	X	X	N
332322G336	Other sheet metal work (metals other than steel and aluminum) .....	2002.. 116	X	X	464 776
		1997.. N	X	X	N
332322GY	Other sheet metal work, nsk .....	2002.. N	X	X	111 051
		1997.. N	X	X	N
332322GYWV	Other sheet metal work, nsk .....	2002.. N	X	X	111 051
		1997.. N	X	X	N
332322F	Metal studs, nonload and load-bearing (iron, steel, and aluminum) .....	2002.. N	X	X	346 944
		1997.. N	X	X	N
332322F1	Metal studs, nonload and load-bearing (iron, steel, and aluminum) .....	2002.. N	X	X	342 480
		1997.. N	X	X	N
332322F101	Metal studs, nonload-bearing (iron, steel, and aluminum) .....	2002.. 14	X	X	D
		1997.. N	X	X	N
332322F102	Metal studs, load-bearing (iron, steel, and aluminum) .....	2002.. 27	X	X	D
		1997.. N	X	X	N
332322FY	Metal studs, nonload and load-bearing (iron, steel, and aluminum), nsk .....	2002.. N	X	X	4 464
		1997.. N	X	X	N
332322FYWV	Metal studs, nonload and load-bearing (iron, steel, and aluminum), nsk .....	2002.. N	X	X	4 464
		1997.. N	X	X	N
332322W	Sheet metal work manufacturing, nsk, total .....	2002.. N	X	X	2 802 464
		1997.. N	X	X	2 112 932
332322WY	Sheet metal work manufacturing, nsk, total .....	2002.. N	X	X	2 802 464
		1997.. N	X	X	2 112 932
332322WYWW	Sheet metal work manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	2 201 513
		1997.. N	X	X	1 704 086
332322WYWY	Sheet metal work manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	600 951
		1997.. N	X	X	408 846
332323	Ornamental and architectural metal work manufacturing .....	2002.. N	X	X	5 189 095

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332323	Ornamental and architectural metal work manufacturing—Con.				
		1997..	N	X	X
3323231	Metal grilles, registers, and air diffusers .....	2002..	N	X	X
		1997..	N	X	X
33232311	Other grills, including open mesh partitions .....	2002..	N	X	X
		1997..	N	X	X
3323231106	Aluminum warm air and air-conditioning grills, registers, and air diffusers .....	2002..	26	X	X
		1997..	16	X	X
3323231111	Other iron and steel grills (including open mesh partitions) .....	2002..	25	X	X
		1997..	11	X	X
3323231116	Other aluminum grills (including open mesh partitions) .....	2002..	12	X	X
		1997..	6	X	X
33232312	Iron and steel warm air and air-conditioning grills, registers, and air diffusers .....	2002..	N	X	X
		1997..	N	X	X
3323231201	Iron and steel warm air and air-conditioning grills, registers, and air diffusers .....	2002..	28	X	X
		1997..	36	X	X
3323231Y	Metal grilles, registers, and air diffusers, nsk .....	2002..	N	X	X
		1997..	N	X	X
3323231YWW	Metal grilles, registers, and air diffusers, nsk .....	2002..	N	X	X
		1997..	N	X	X
3323233	Ornamental and architectural metal work .....	2002..	N	X	X
		1997..	N	X	X
33232331	Iron, steel, and aluminum stairs, staircases, and fire escapes .....	2002..	N	X	X
		1997..	N	X	X
3323233101	Iron and steel stairs, staircases, fire escapes, and expanded metal plaster lath .....	2002..	649	X	X
		1997..	554	X	X
3323233106	Aluminum stairs, staircases, fire escapes, and metal plaster base accessories (including corner beads, screens, grounds, etc) .....	2002..	88	X	X
		1997..	60	X	X
33232332	Steel and aluminum fences, gates (other than wire), and railings and window guards .....	2002..	N	X	X
		1997..	N	X	X
3323233211	Iron and steel fences and gates (other than wire) .....	2002..	200	X	X
		1997..	220	X	X
3323233216	Aluminum fences and gates (other than wire) .....	2002..	43	X	X
		1997..	40	X	X
3323233221	Iron, steel, and aluminum metal railings and window guards (other than wire) .....	2002..	221	X	X
		1997..	240	X	X
3323233Y	Ornamental and architectural metal work, nsk .....	2002..	N	X	X
		1997..	N	X	X
3323233YWW	Ornamental and architectural metal work, nsk .....	2002..	N	X	X
		1997..	N	X	X
3323236	Open metal flooring, grating, and studs .....	2002..	N	X	X
		1997..	N	X	X
33232361	Open iron, steel, and aluminum flooring and grating for building construction .....	2002..	N	X	X
		1997..	N	X	X
3323236101	Open iron and steel flooring and grating for building construction .....	2002..	99	X	X
		1997..	N	X	X
3323236106	Open aluminum flooring and grating for building construction .....	2002..	30	X	X
		1997..	N	X	X
3323236Y	Open metal flooring, grating, and studs, nsk .....	2002..	N	X	X
		1997..	N	X	X
3323236YWW	Open metal flooring, grating, and studs, nsk .....	2002..	N	X	X
		1997..	N	X	X
3323237	Metal scaffolding and shoring and forming for concrete work .....	2002..	N	X	X
		1997..	N	X	X
33232371	Scaffolding, shoring and forming for concrete work (iron, steel, aluminum, and all other material combinations) .....	2002..	N	X	X
		1997..	N	X	X
3323237101	Suspended scaffolding for concrete work (including midpoint, two-point, multilevel, boatswain chairs, etc.) (iron, steel, and aluminum) .....	2002..	12	X	X
		1997..	15	X	X
3323237106	Access scaffolding for concrete work (including tube and coupler system, prefabricated mobil scaffolds, etc.) (iron, steel, and aluminum) .....	2002..	16	X	X
		1997..	23	X	X
3323237111	Shoring for concrete work (including flying forms, postshores, ellis clamps, reshores, etc.) (iron, steel, and aluminum) .....	2002..	10	X	X
		1997..	7	X	X
3323237116	Forming for concrete work (including modular, prefabricated custom design, etc.) (iron, steel, aluminum, and all other material combinations) .....	2002..	37	X	X
		1997..	54	X	X
3323237Y	Metal scaffolding and shoring and forming for concrete work, nsk .....	2002..	N	X	X
		1997..	N	X	X
3323237YWW	Metal scaffolding and shoring and forming for concrete work, nsk .....	2002..	N	X	X
		1997..	N	X	X
3323239	Other architectural and ornamental work .....	2002..	N	X	X
		1997..	N	X	X
33232391	Other aluminum and metal architectural and ornamental work .....	2002..	N	X	X
		1997..	N	X	X
3323239106	Other aluminum architectural and ornamental work .....	2002..	105	X	X
		1997..	102	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332323	Ornamental and architectural metal work manufacturing—Con.				
3323239	Other architectural and ornamental work—Con.				
33232391	Other aluminum and metal architectural and ornamental work—Con.				
3323239111	Other metal architectural and ornamental work (other than iron, steel, and aluminum) .....	2002.. 53	X	X	87 857
		1997.. 50	X	X	75 307
33232392	Other iron and steel architectural and ornamental work .....	2002.. N	X	X	719 142
		1997.. N	X	X	600 126
3323239201	Other iron and steel architectural and ornamental work .....	2002.. 248	X	X	719 142
		1997.. 278	X	X	600 126
33232393	Metal stalls and corrals .....	2002.. N	X	X	38 675
		1997.. N	X	X	120 905
3323239311	Metal stalls and corrals .....	2002.. 22	X	X	38 675
		1997.. 46	X	X	120 905
3323239Y	Other architectural and ornamental work, nsk .....	2002.. N	X	X	142 867
		1997.. N	X	X	280 707
3323239YVW	Other architectural and ornamental work, nsk .....	2002.. N	X	X	142 867
		1997.. N	X	X	280 707
332323W	Ornamental and architectural metal work manufacturing, nsk, total .....	2002.. N	X	X	860 654
		1997.. N	X	X	397 588
332323WY	Ornamental and architectural metal work manufacturing, nsk, total .....	2002.. N	X	X	860 654
		1997.. N	X	X	397 588
332323WYVW	Ornamental and architectural metal work manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	536 764
		1997.. N	X	X	222 913
332323WYVY	Ornamental and architectural metal work manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	323 890
		1997.. N	X	X	174 675
332410	Power boiler and heat exchanger manufacturing .....	2002.. N	X	X	3 278 770
		1997.. N	X	X	3 601 322
3324101	Fabricated heat exchangers and steam condensers (except nuclear applications) .....	2002.. N	X	X	1 457 171
		1997.. N	X	X	2 098 378
33241011	Fabricated bar tube industrial heat exchangers, closed types (except nuclear applications) .....	2002.. N	X	X	493 879
		1997.. N	X	X	858 910
3324101101	Fabricated bar tube industrial heat exchangers, closed types (except nuclear applications) .....	2002.. 76	X	X	493 879
		1997.. 128	X	X	858 910
33241012	Fabricated fin tube industrial heat exchangers, closed types (except nuclear applications) .....	2002.. N	X	X	576 984
		1997.. N	X	X	929 260
3324101206	Fabricated fin tube industrial heat exchangers, closed types (except nuclear applications) .....	2002.. 63	X	X	576 984
		1997.. 90	X	X	929 260
33241013	Fabricated steam condensers (except nuclear applications) .....	2002.. N	X	X	219 258
		1997.. N	X	X	214 526
3324101311	Fabricated steam condensers (except nuclear applications) .....	2002.. 21	X	X	219 258
		1997.. 32	X	X	214 526
3324101Y	Fabricated heat exchangers and steam condensers (except nuclear applications), nsk .....	2002.. N	X	X	167 050
		1997.. N	X	X	95 682
3324101YVW	Fabricated heat exchangers and steam condensers (except nuclear applications), nsk .....	2002.. N	X	X	167 050
		1997.. N	X	X	95 682
3324105	Steel power boilers (stationary and marine), parts and attachments (except nuclear applications) .....	2002.. N	X	X	948 603
		1997.. N	X	X	874 577
33241051	Water tube steel, fire tube steam and vertical, and other power boilers (stationary and marine) (except nuclear applications) .....	2002.. N	X	X	581 408
		1997.. N	X	X	447 568
3324105106	Water tube steel power boilers (stationary and marine), more than 15 p.s.i. steam working pressure, 100,000 lb per hour or less, saturated (except nuclear applications) .....	2002.. 6	X	X	12 530
		1997.. 13	X	X	71 888
3324105111	Water tube steel power boilers (stationary and marine), more than 15 p.s.i. steam working pressure, 100,000 lb per hour or less, super heated (except nuclear applications) .....	2002.. 4	X	X	3 229
		1997.. 9	X	X	94 006
3324105126	Water tube steel power boilers (stationary and marine), more than 15 p.s.i. steam working pressure, 100,001 lb per hour or more, saturated (except nuclear applications) .....	2002.. 3	X	X	D
		1997.. 7	X	X	40 146
3324105131	Water tube steel power boilers (stationary and marine), more than 15 p.s.i. steam working pressure, 100,001 lb per hour or more, super heated (except nuclear applications) .....	2002.. 4	X	X	D
		1997.. 8	X	X	93 210
3324105141	Other water tube steel power boilers (stationary and marine), parts and attachments (except nuclear applications) .....	2002.. 9	X	X	88 881
		1997.. N	X	X	N
3324105169	Steel power boilers (stationary and marine), parts and attachments (except nuclear applications) .....	2002.. 10	X	X	25 424
		1997.. N	X	X	N
3324105171	Fire tube steel power boilers (stationary and marine), scotch type pressure (except nuclear applications) .....	2002.. 3	X	X	D
		1997.. 5	X	X	35 126
3324105181	Vertical and other fire tube type steel power boilers (stationary and marine) (except nuclear applications) .....	2002.. 6	X	X	48 518
		1997.. 5	X	X	D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332410	Power boiler and heat exchanger manufacturing—Con.				
3324105	Steel power boilers (stationary and marine), parts and attachments (except nuclear applications)—Con.				
33241051	Water tube steel, fire tube steam and vertical, and other power boilers (stationary and marine) (except nuclear applications)—Con.				
3324105186	Other steel power boilers (stationary and marine) (except nuclear applications) .....	2002.. 7 1997.. 14	X X	X X	123 598 60 594
33241052	Parts and attachments for steel power boilers (sold separately) (except nuclear applications) .....	2002.. N 1997.. N	X X	X X	293 124 355 447
3324105291	Parts and attachments for steel power boilers (sold separately) (except nuclear applications) .....	2002.. 25 1997.. 29	X X	X X	293 124 355 447
3324105Y	Steel power boilers (stationary and marine), parts and attachments (except nuclear applications), nsk .....	2002.. N 1997.. N	X X	X X	74 071 71 562
3324105YVV	Steel power boilers (stationary and marine), parts and attachments (except nuclear applications), nsk .....	2002.. N 1997.. N	X X	X X	74 071 71 562
3324107	Nuclear reactor steam supply systems, heat exchangers and condensers, pressurizers, components, and auxiliary equipment .....	2002.. N 1997.. N	X X	X X	204 298 N
33241071	Nuclear reactor steam supply systems, heat exchangers and condensers, pressurizers, components, and auxiliary equipment .....	2002.. N 1997.. N	X X	X X	204 298 N
3324107100	Nuclear reactor steam supply systems, heat exchangers and condensers, pressurizers, components, and auxiliary equipment .....	2002.. 12 1997.. N	X X	X X	204 298 N
332410W	Power boiler and heat exchanger manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	668 698 628 367
332410WY	Power boiler and heat exchanger manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	668 698 628 367
332410WYWW	Power boiler and heat exchanger manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	592 852 597 379
332410WYWY	Power boiler and heat exchanger manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	75 846 30 988
332420	Metal tank (heavy gauge) manufacturing .....	2002.. N 1997.. N	X X	X X	4 427 553 4 480 384
3324207	Gas cylinders .....	2002.. N 1997.. N	X X	X X	548 668 508 097
33242071	Seamless gas cylinders, ferrous and nonferrous .....	2002.. N 1997.. N	X X	X X	501 747 498 719
3324207101	Seamless ferrous and nonferrous gas cylinders .....	2002.. 33 1997.. 13	X X	X X	261 788 259 533
3324207106	Welded ferrous and nonferrous gas cylinders .....	2002.. 12 1997.. 16	X X	X X	239 959 239 186
3324207Y	Gas cylinders, nsk .....	2002.. N 1997.. N	X X	X X	46 921 9 378
3324207YVV	Gas cylinders, nsk .....	2002.. N 1997.. N	X X	X X	46 921 9 378
3324209	Metal tanks, complete at factory (standard line pressure) .....	2002.. N 1997.. N	X X	X X	598 592 826 726
33242091	Pressure tanks, including liquified petroleum gas and air receivers, ferrous and nonferrous metal (standard line pressure) .....	2002.. N 1997.. N	X X	X X	575 141 826 726
3324209101	Liquefied petroleum gas tanks (all types), ferrous and nonferrous metal, complete at factory (standard line pressure) .....	2002.. 22 1997.. 20	X X	X X	254 043 265 530
3324209106	Air receivers (tanks), ferrous and nonferrous metal, complete at factory (standard line pressure) .....	2002.. 17 1997.. 20	X X	X X	78 513 163 374
3324209111	Other pressure tanks (including anhydrous ammonia tanks), ferrous and nonferrous metal, complete at factory (standard line pressure) .....	2002.. 71 1997.. 68	X X	X X	242 585 397 822
3324209Y	Metal tanks, complete at factory (standard line pressure), nsk .....	2002.. N 1997.. N	X X	X X	23 451 -
3324209YVV	Metal tanks, complete at factory (standard line pressure), nsk .....	2002.. N 1997.. N	X X	X X	23 451 -
332420C	Metal tanks, complete at factory (standard line nonpressure) .....	2002.. N 1997.. N	X X	X X	499 792 442 893
332420C1	Ferrous and nonferrous metal storage tanks, (standard line nonpressure) .....	2002.. N 1997.. N	X X	X X	497 721 442 352
332420C101	Ferrous metal storage tanks, complete at factory (standard line nonpressure), 4,000 gal capacity or less .....	2002.. 59 1997.. 84	X X	X X	139 332 162 701
332420C106	Nonferrous metal storage tanks, complete at factory (standard line nonpressure), 4,000 gal capacity or less .....	2002.. 23 1997.. 29	X X	X X	26 533 20 626
332420C111	Ferrous metal storage tanks, complete at factory (standard line nonpressure), more than 4,000 gal capacity .....	2002.. 55 1997.. 84	X X	X X	162 103 129 355

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332420	Metal tank (heavy gauge) manufacturing—Con.				
332420C	Metal tanks, complete at factory (standard line nonpressure)—Con.				
332420C1	Ferrous and nonferrous metal storage tanks, (standard line nonpressure)—Con.				
332420C116	Nonferrous metal storage tanks, complete at factory (standard line nonpressure), more than 4,000 gal capacity .....	2002.. 16 1997.. 25	X X	X X	21 746 28 328
332420C121	Other ferrous metal nonpressure storage tanks, complete at factory (including tanks for trailers, metal septic tanks, etc.) .....	2002.. 25 1997.. 52	X X	X X	74 942 68 241
332420C126	Other nonferrous metal nonpressure storage tanks, complete at factory (including tanks for trailers, metal septic tanks, etc.) .....	2002.. 19 1997.. 19	X X	X X	73 065 33 101
332420CY	Metal tanks, complete at factory (standard line nonpressure), nsk .....	2002.. N 1997.. N	X X	X X	2 071 541
332420CYWV	Metal tanks, complete at factory (standard line nonpressure), nsk .....	2002.. N 1997.. N	X X	X X	2 071 541
332420E	Metal tanks and vessels, custom fabricated at the factory and field erected .....	2002.. N 1997.. N	X X	X X	1 189 816 1 443 424
332420E1	Ferrous metal pressure tanks and vessels (more than 24 inch outside diameter and not less than 5 cu ft capacity) .....	2002.. N 1997.. N	X X	X X	520 608 607 505
332420E101	Ferrous metal pressure tanks and vessels (more than 24 inch outside diameter and not less than 5 cu ft capacity), custom fabricated at the factory, for refineries, chemical plants, and paper mills .....	2002.. 68 1997.. 114	X X	X X	275 126 313 766
332420E106	Ferrous metal pressure tanks and vessels (more than 24 inch outside diameter and not less than 5 cu ft capacity), custom fabricated at the factory, for other processing industries .....	2002.. 47 1997.. 97	X X	X X	245 482 293 739
332420E2	All other metal tanks and vessels, custom fabricated at the factory .....	2002.. N 1997.. N	X X	X X	565 481 794 747
332420E211	Nonferrous metal process pressure vessels, tanks, and kettles for refineries, chemical plants, paper mills (more than 24 inch o.d. and not less than 5 cu ft cap.), custom fabricated at the factory .....	2002.. 35 1997.. 53	X X	X X	117 696 123 733
332420E216	Liquefied petroleum gas tanks, ferrous and nonferrous, custom fabricated at the factory .....	2002.. 10 1997.. 15	X X	X X	38 160 64 504
332420E221	All other ferrous metal tanks and vessels, custom fabricated at the factory .....	2002.. 61 1997.. 142	X X	X X	308 990 458 008
332420E226	All other nonferrous metal tanks and vessels, custom fabricated at the factory .....	2002.. 30 1997.. 55	X X	X X	100 635 148 502
332420EY	Metal tanks and vessels, custom fabricated at the factory and field erected, nsk .....	2002.. N 1997.. N	X X	X X	103 727 41 172
332420EYWV	Metal tanks and vessels, custom fabricated at the factory and field erected, nsk .....	2002.. N 1997.. N	X X	X X	103 727 41 172
332420G	Metal tanks and vessels, custom fabricated and field erected .....	2002.. N 1997.. N	X X	X X	1 083 101 913 689
332420G1	Ferrous and nonferrous metal bulk storage tanks, custom fabricated and field erected, elevated and ground storage types .....	2002.. N 1997.. N	X X	X X	706 626 549 840
332420G101	Ferrous metal bulk storage tanks, custom fabricated and field erected, elevated type, for dry materials .....	2002.. 15 1997.. 16	X X	X X	150 553 23 563
332420G106	Ferrous metal bulk storage tanks, custom fabricated and field erected, elevated type, for water .....	2002.. 18 1997.. 12	X X	X X	179 936 173 674
332420G111	Ferrous metal bulk storage tanks, custom fabricated and field erected, elevated type, for other liquids .....	2002.. 13 1997.. 15	X X	X X	85 535 84 643
332420G116	Nonferrous metal bulk storage tanks, custom fabricated and field erected, elevated type .....	2002.. 2 1997.. 8	X X	X X	D 14 377
332420G121	Ferrous metal bulk storage tanks, custom fabricated and field erected, ground storage type, for dry materials .....	2002.. 5 1997.. 13	X X	X X	D 31 296
332420G126	Ferrous metal bulk storage tanks, custom fabricated and field erected, ground storage type, for petroleum products .....	2002.. 18 1997.. 25	X X	X X	84 702 94 583
332420G131	Ferrous metal bulk storage tanks, custom fabricated and field erected, ground storage type, for water .....	2002.. 17 1997.. 23	X X	X X	66 526 71 450
332420G136	Ferrous metal bulk storage tanks, custom fabricated and field erected, ground storage type, for other materials .....	2002.. 11 1997.. 14	X X	X X	58 300 41 349
332420G141	Nonferrous metal bulk storage tanks, custom fabricated and field erected, ground storage type .....	2002.. 7 1997.. 11	X X	X X	35 764 14 905

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332420	Metal tank (heavy gauge) manufacturing—Con.				
332420G	Metal tanks and vessels, custom fabricated and field erected—Con.				
332420G2	Ferrous metal pressure vessels and tanks (including gas holders and process vessels, etc.), custom fabricated and field erected, for refineries, chemical plants, and paper mills	2002.. N 1997.. N	X X	X X	133 178 133 607
332420G246	Ferrous metal pressure vessels and tanks (including gas holders and process vessels, etc.), custom fabricated and field erected, for refineries, chemical plants, and paper mills	2002.. 23 1997.. 22	X X	X X	133 178 133 607
332420G3	Ferrous and nonferrous metal pressure vessels and tanks, custom fabricated and field erected	2002.. N 1997.. N	X X	X X	195 712 217 897
332420G351	Ferrous metal pressure vessels and tanks (including gas holders and process vessels, etc.), custom fabricated and field erected, for other processing industries	2002.. 16 1997.. 26	X X	X X	136 787 148 622
332420G356	Nonferrous metal pressure vessels and tanks (including gas holders and process vessels, etc.), custom fabricated and field erected	2002.. 21 1997.. 16	X X	X X	58 925 69 275
332420GY	Metal tanks and vessels, custom fabricated and field erected, nsk	2002.. N 1997.. N	X X	X X	47 585 12 345
332420GYWV	Metal tanks and vessels, custom fabricated and field erected, nsk	2002.. N 1997.. N	X X	X X	47 585 12 345
332420W	Metal tank (heavy gauge) manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	507 584 131 588
332420WY	Metal tank (heavy gauge) manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	507 584 131 588
332420WYWW	Metal tank (heavy gauge) manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	378 719 94 178
332420WYWY	Metal tank (heavy gauge) manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	128 865 37 410
332431	Metal can manufacturing	2002.. N 1997.. N	X X	X X	11 017 618 11 334 677
3324311	Steel cans and tinware products	2002.. N 1997.. N	X X	X X	4 072 643 4 672 522
33243111	Steel (including lids, ends, and parts shipped separately)	2002.. N 1997.. N	X X	X X	D 4 501 860
3324311101	Steel (including lids, ends, and parts shipped separately)	2002.. 36 1997.. 41	X X	X X	D 4 501 860
33243112	Tinware end products, including ice cream cans (excluding cooking and kitchen utensils)	2002.. N 1997.. N	X X	X X	D 133 018
3324311206	Tinware end products, including ice cream cans (excluding cooking and kitchen utensils)	2002.. 5 1997.. 6	X X	X X	D 133 018
3324311Y	Steel cans and tinware products, nsk	2002.. N 1997.. N	X X	X X	59 553 37 644
3324311YWV	Steel cans and tinware products, nsk	2002.. N 1997.. N	X X	X X	59 553 37 644
3324313	Aluminum (including lids, ends, and parts shipped separately)	2002.. N 1997.. N	X X	X X	6 863 690 6 560 667
33243131	Aluminum (including lids, ends, and parts shipped separately)	2002.. N 1997.. N	X X	X X	6 863 690 6 560 667
3324313100	Aluminum (including lids, ends, and parts shipped separately)	2002.. 15 1997.. 16	X X	X X	6 863 690 6 560 667
332431W	Metal can manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	81 285 101 488
332431WY	Metal can manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	81 285 101 488
332431WYWW	Metal can manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	35 530 25 177
332431WYWY	Metal can manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	45 755 76 311
332439	Other metal container manufacturing	2002.. N 1997.. N	X X	X X	2 788 779 2 216 060
3324391	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes	2002.. N 1997.. N	X X	X X	678 415 530 119
33243911	Steel pails (1- to 12-gallon capacity)	2002.. N 1997.. N	X X	X X	353 011 295 363
3324391101	Steel pails (1- to 12-gallon capacity)	2002.. 16 1997.. N	X X	X X	353 011 N
33243913	Fabricated steel boxes	2002.. N 1997.. N	X X	X X	288 743 234 756
3324391306	Metal boxes for packaging and shipping	2002.. 24 1997.. 31	X X	X X	141 801 105 146
3324391311	Metal boxes other than for shipping (ammunition boxes, jewelry cases, etc.)	2002.. 41 1997.. 39	X X	X X	146 942 129 610
3324391Y	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes, nsk	2002.. N 1997.. N	X X	X X	36 661 -
3324391YWV	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes, nsk	2002.. N	X	X	36 661

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332439	Other metal container manufacturing—Con.				
3324391	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes—Con.				
3324391Y	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes, nsk—Con.				
3324391YVV	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes, nsk—Con.	1997..	N	X	X
					—
3324393	Steel shipping barrels and drums (excluding beer barrels) (more than 12 gallon capacity) .....	2002..	N	X	X
		1997..	N	X	X
					630 194
33243931	Steel shipping barrels and drums (excluding beer barrels) (more than 12 gallon capacity) .....	2002..	N	X	X
		1997..	N	X	X
					630 194
3324393100	Steel shipping barrels and drums (excluding beer barrels) (more than 12 gallon capacity) .....	2002..	30	X	X
		1997..	39	X	X
					630 194
					764 495
3324396	All other metal container manufacturing .....	2002..	N	X	X
		1997..	N	X	X
					1 130 768
33243961	Metal barrels, vacuum and insulated bottles, grain bins and vats, and other barrels .....	2002..	N	X	X
		1997..	N	X	X
					579 396
3324396101	Metal fluid milk shipping and delivery containers (except crates) and sheet metal grain bins and vats (excluding drying floors, fans, and heaters) (steel and aluminum) .....	2002..	15	X	X
		1997..	N	X	X
					279 073
3324396106	Vacuum and insulated bottles, jugs, and chests (except those made principally of foam plastics) and other sheet metal bins and vats, incld feed storage bins and sheet metal vats (steel and aluminum) .....	2002..	24	X	X
		1997..	N	X	X
					52 802
3324396198	All other metal barrels and containers (including beer barrels, air cargo containers, and parts for metal barrels and pails) .....	2002..	44	X	X
		1997..	N	X	X
					247 521
33243962	Stamped and pressed metal end products (excluding spinning products and metal electric enclosures) .....	2002..	N	X	X
		1997..	N	X	X
					551 372
3324396201	Stamped and pressed galvanized steel pails, ash cans, garbage cans, tubs, etc. (excluding shipping containers) .....	2002..	16	X	X
		1997..	N	X	X
					28 235
3324396202	Other stamped and pressed metal pails, ash cans, garbage cans, tubs, etc. (including other grades of steel) (excluding shipping containers) .....	2002..	7	X	X
		1997..	N	X	X
					5 662
3324396203	Stamped and pressed metal mailboxes (commercial and multiple unit residential) .....	2002..	5	X	X
		1997..	N	X	X
					47 361
3324396204	Stamped and pressed metal toolboxes .....	2002..	20	X	X
		1997..	N	X	X
					470 114
3324396Y	All other metal container manufacturing, nsk .....	2002..	N	X	X
		1997..	N	X	X
					—
3324396YVV	All other metal container manufacturing, nsk .....	2002..	N	X	X
		1997..	N	X	X
					—
332439W	Other metal container manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
					349 402
332439WY	Other metal container manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
					439 209
332439WYWW	Other metal container manufacturing, nsk, for nonadministrative record establishments .....	2002..	N	X	X
		1997..	N	X	X
					224 185
332439WYWY	Other metal container manufacturing, nsk, for administrative record establishments .....	2002..	N	X	X
		1997..	N	X	X
					327 826
332510	Hardware manufacturing .....	2002..	N	X	X
		1997..	N	X	X
					9 776 070
3325102	Furniture hardware (excluding cabinet hardware) .....	2002..	N	X	X
		1997..	N	X	X
					789 331
33251021	Furniture hardware (excluding cabinet hardware) .....	2002..	N	X	X
		1997..	N	X	X
					789 331
3325102106	Rotating and tilting furniture fixtures and bases .....	2002..	11	X	X
		1997..	N	X	X
					379 957
3325102111	Furniture hardware (including drawer pulls and handles, etc.) (excluding furniture and drawer slides) .....	2002..	15	X	X
		1997..	N	X	X
					172 883
3325102116	Furniture and drawer slides .....	2002..	10	X	X
		1997..	N	X	X
					D
3325102121	Furniture casters .....	2002..	12	X	X
		1997..	N	X	X
					101 590
3325102134	Other floor protective furniture hardware devices .....	2002..	9	X	X
		1997..	N	X	X
					D
3325102Y	Furniture hardware (excluding cabinet hardware), nsk .....	2002..	N	X	X
		1997..	N	X	X
					—
3325102YVV	Furniture hardware (excluding cabinet hardware), nsk .....	2002..	N	X	X
		1997..	N	X	X
					—
3325104	Builders' hardware .....	2002..	N	X	X
		1997..	N	X	X
					4 761 425
33251042	Bored doorlocks, locksets, and lock trim, cylindrical and tubular (except deadlocks) .....	2002..	N	X	X
		1997..	N	X	X
					790 197
3325104216	Bored doorlocks, locksets, and lock trim, cylindrical and tubular (except deadlocks) .....	2002..	18	X	X
		1997..	N	X	X
					790 197
33251043	Architectural trim and other miscellaneous closet hardware .....	2002..	N	X	X
		1997..	N	X	X
					969 098
3325104341	Key blanks .....	2002..	12	X	X
					93 780

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332510	Hardware manufacturing—Con.				
3325104	Builders' hardware—Con.				
33251043	Architectural trim and other miscellaneous closet hardware—Con.				
3325104341	Key blanks—Con.				
3325104346	Exit devices (including fire exit hardware) . . . . .	1997.. N 2002.. 12 1997.. N	X X X	X X X	N 381 258 N
3325104336	All other miscellaneous architectural trim (sold separately) (including protection plates, push plates, pulls, push-pull bars, lock trim, etc.) . . . . .	2002.. 24 1997.. N	X X	X X	128 150 N
3325104363	Surface applied door controls, closers, and checking devices . . . . .	2002.. 16 1997.. N	X X	X X	265 517 N
3325104365	Concealed (overhead, in the door, on the floor) door controls, closers, and checking devices . . . . .	2002.. 7 1997.. N	X X	X X	25 045 N
3325104367	Electromechanical-pneumatic door controls, closers, and checking devices (with hold-open mechanism released by integral or remote smoke detector) . . . . .	2002.. 6 1997.. N	X X	X X	28 180 N
3325104361	Miscellaneous closet hardware (including shelving other than wire and decorative shelving) . . . . .	2002.. 12 1997.. N	X X	X X	47 168 N
33251044	Screen and storm door hardware (including pneumatic and hydraulic closers and window locks) . . . . .	2002.. N 1997.. N	X X	X X	410 435 N
3325104451	Screen and storm door hardware (including pneumatic and hydraulic closers) . . . . .	2002.. 5 1997.. N	X X	X X	D N
3325104456	Window hardware (including window locks) . . . . .	2002.. 33 1997.. N	X X	X X	D N
33251045	Hinges and cabinet hardware . . . . .	2002.. N 1997.. N	X X	X X	678 464 N
3325104569	Butt hinges, including spring hinges (excluding cabinet hinges), 3 1/2 in. by 3 1/2 in. or less . . . . .	2002.. 18 1997.. N	X X	X X	41 669 N
3325104571	Butt hinges, including spring hinges (excluding cabinet hinges), more than 3 1/2 in. by 3 1/2 in., either dimension . . . . .	2002.. 19 1997.. N	X X	X X	157 510 N
3325104573	Other hinges, including spring hinges (excluding cabinet hinges) . . . . .	2002.. 21 1997.. N	X X	X X	74 165 N
3325104575	Cabinet hinges . . . . .	2002.. 12 1997.. N	X X	X X	39 871 N
3325104579	Cabinet locks . . . . .	2002.. 10 1997.. N	X X	X X	31 250 N
3325104581	Cabinet knobs, pulls, and catches . . . . .	2002.. 15 1997.. N	X X	X X	88 618 N
3325104583	Other cabinet hardware (including drawer slides, etc.) . . . . .	2002.. 20 1997.. N	X X	X X	245 381 N
33251046	Other builders' hardware . . . . .	2002.. N 1997.. N	X X	X X	777 631 N
3325104685	Hangers, tracks, and related builders' hardware items (except sliding and folding door hardware), residential and commercial . . . . .	2002.. 38 1997.. N	X X	X X	302 974 N
3325104687	Sliding and folding door hardware, residential and commercial . . . . .	2002.. 24 1997.. N	X X	X X	107 674 N
3325104689	Door holders and stops (overhead, surface, and concealed), floor and wall mounted . . . . .	2002.. 17 1997.. N	X X	X X	44 203 N
3325104691	Rim locks and all other locking devices . . . . .	2002.. 14 1997.. N	X X	X X	30 540 N
3325104699	Other builders' hardware . . . . .	2002.. 54 1997.. N	X X	X X	292 240 N
33251047	Padlocks and locksets . . . . .	2002.. N 1997.. N	X X	X X	1 121 977 N
3325104701	Pin tumbler padlocks . . . . .	2002.. 7 1997.. N	X X	X X	183 904 N
3325104711	All other padlocks . . . . .	2002.. 12 1997.. N	X X	X X	64 900 N
3325104721	Mortised doorlocks, locksets, and lock trim (except mortised deadlocks) . . . . .	2002.. 12 1997.. N	X X	X X	120 637 N
3325104726	Tubular and mortised deadlocks . . . . .	2002.. 12 1997.. N	X X	X X	159 278 N
3325104728	Fabricated metal safe and vault locks . . . . .	2002.. 6 1997.. N	X X	X X	97 449 N
3325104731	Electronically or electrically operated doorlocks, locksets, and lock trim . . . . .	2002.. 15 1997.. N	X X	X X	179 086 N
3325104733	All other doorlocks, locksets, and lock trim types . . . . .	2002.. 19 1997.. N	X X	X X	316 723 N
3325104Y	Builders' hardware, nsk . . . . .	2002.. N 1997.. N	X X	X X	13 623 N
3325104YVV	Builders' hardware, nsk . . . . .	2002.. N 1997.. N	X X	X X	13 623 N
3325106	Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.) . . . . .	2002.. N 1997.. N	X X	X X	2 628 099 N
33251061	Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.) . . . . .	2002.. N 1997.. N	X X	X X	2 628 099 N
3325106100	Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.) . . . . .	2002.. 57	X	X	2 628 099

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
332510	Hardware manufacturing—Con.					
3325106	Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.)—Con.					
33251061	Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.)—Con.					
3325106100	Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.)—Con.	1997..	N	X	X	N
3325107	Other transportation equipment hardware (except motor vehicle hardware).....	2002..	N	X	X	359 113
		1997..	N	X	X	508 822
33251071	Other transportation equipment hardware (except motor vehicle hardware).....	2002..	N	X	X	334 997
		1997..	N	X	X	499 791
3325107101	Marine hardware (including shackles, rope sockets, tackle blocks, wire rope clips, clamps, and joiners' hardware).....	2002..	42	X	X	110 908
		1997..	55	X	X	186 671
3325107106	Aircraft hardware.....	2002..	19	X	X	128 914
		1997..	24	X	X	131 013
3325107111	Other transportation equipment hardware (including railroad car hardware).....	2002..	32	X	X	95 175
		1997..	31	X	X	182 107
3325107Y	Other transportation equipment hardware (except motor vehicle hardware), nsk.....	2002..	N	X	X	24 116
		1997..	N	X	X	9 031
3325107YVW	Other transportation equipment hardware (except motor vehicle hardware), nsk.....	2002..	N	X	X	24 116
		1997..	N	X	X	9 031
332510A	All other miscellaneous hardware.....	2002..	N	X	X	598 212
		1997..	N	X	X	N
332510A1	All other miscellaneous hardware.....	2002..	N	X	X	589 614
		1997..	N	X	X	N
332510A101	Casket and casket shell hardware.....	2002..	11	X	X	46 002
		1997..	N	X	X	N
332510A106	Casters and wheels for dollies and industrial handtrucks.....	2002..	20	X	X	170 705
		1997..	N	X	X	N
332510A121	Refrigerator and stove hardware.....	2002..	6	X	X	56 667
		1997..	N	X	X	N
332510A193	Pulleys, metal (except power transmission), and block and tackle.....	2002..	6	X	X	62 751
		1997..	N	X	X	N
332510A198	Other hardware, including saddlery and harness hardware (excluding drapery hardware).....	2002..	38	X	X	253 489
		1997..	N	X	X	N
332510AY	All other miscellaneous hardware, nsk.....	2002..	N	X	X	8 598
		1997..	N	X	X	N
332510AYVW	All other miscellaneous hardware, nsk.....	2002..	N	X	X	8 598
		1997..	N	X	X	N
332510W	Hardware manufacturing, nsk, total.....	2002..	N	X	X	639 890
		1997..	N	X	X	288 423
332510WY	Hardware manufacturing, nsk, total.....	2002..	N	X	X	639 890
		1997..	N	X	X	288 423
332510WYVW	Hardware manufacturing, nsk, for nonadministrative-record establishments.....	2002..	N	X	X	320 646
		1997..	N	X	X	159 003
332510WYVY	Hardware manufacturing, nsk, for administrative-record establishments.....	2002..	N	X	X	319 244
		1997..	N	X	X	129 420
332611	Spring (heavy gauge) manufacturing.....	2002..	N	X	X	682 657
		1997..	N	X	X	873 310
3326111	Hot formed steel springs, except wire.....	2002..	N	X	X	354 892
		1997..	N	X	X	512 832
33261111	Hot formed, hot wound, and helical automobile coil steel springs.....	2002..	N	X	X	179 978
		1997..	N	X	X	181 501
3326111101	Hot formed, hot wound, and helical automobile coil steel springs for domestic replacement and shipments for export.....	2002..	14	X	X	37 015
		1997..	14	X	X	47 858
3326111106	Hot formed, hot wound, and helical automobile coil steel springs for shipment to U.S. motor vehicle manufacturers or their suppliers for use in original equipment.....	2002..	12	X	X	142 963
		1997..	11	X	X	133 643
33261112	Hot formed automotive, truck, bus, trailer, etc., leaf steel springs.....	2002..	N	X	X	54 978
		1997..	N	X	X	186 486
3326111216	Hot formed automotive, truck, bus, trailer, etc., leaf steel springs for domestic replacement and shipments for export.....	2002..	7	X	X	39 169
		1997..	17	X	X	89 016
3326111221	Hot formed automotive, truck, bus, trailer, etc., leaf steel springs for shipment to U.S. motor vehicle manufacturers or their suppliers for use in original equipment.....	2002..	5	X	X	15 809
		1997..	11	X	X	97 470
33261113	Other hot formed, hot wound, and helical steel springs.....	2002..	N	X	X	109 919
		1997..	N	X	X	144 845
3326111311	Hot formed and hot wound locomotive, railroad car, and other helical steel springs.....	2002..	5	X	X	22 791
		1997..	10	X	X	45 122
3326111326	Other hot formed steel springs, including torsion bar springs and leaf springs for tractors, farm equipment, locomotives, etc.....	2002..	16	X	X	87 128
		1997..	52	X	X	99 723

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332611	Spring (heavy gauge) manufacturing—Con.				
3326111	Hot formed steel springs, except wire—Con.				
3326111Y	Hot formed steel springs, except wire, nsk	2002.. N	X	X	10 017
		1997.. N	X	X	—
3326111YWV	Hot formed steel springs, except wire, nsk	2002.. N	X	X	10 017
		1997.. N	X	X	—
3326113	Cold formed steel springs, except wire	2002.. N	X	X	299 185
		1997.. N	X	X	351 232
33261131	Cold formed steel springs, except wire	2002.. N	X	X	297 880
		1997.. N	X	X	351 232
3326113101	Cold formed flat springs made of sheet or strip	2002.. 66	X	X	176 221
		1997.. 86	X	X	305 926
3326113106	Cold formed helical suspension steel springs	2002.. 17	X	X	121 659
		1997.. 19	X	X	45 306
3326113Y	Cold formed steel springs, except wire, nsk	2002.. N	X	X	1 305
		1997.. N	X	X	—
3326113YWV	Cold formed steel springs, except wire, nsk	2002.. N	X	X	1 305
		1997.. N	X	X	—
332611W	Spring (heavy gauge) manufacturing, nsk, total	2002.. N	X	X	28 580
		1997.. N	X	X	9 246
332611WY	Spring (heavy gauge) manufacturing, nsk, total	2002.. N	X	X	28 580
		1997.. N	X	X	9 246
332611WYWW	Spring (heavy gauge) manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	10 791
		1997.. N	X	X	9 246
332611WYWY	Spring (heavy gauge) manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	17 789
		1997.. N	X	X	—
332612	Spring (light gauge) manufacturing	2002.. N	X	X	2 183 985
		1997.. N	X	X	2 199 081
3326122	Precision mechanical wire springs	2002.. N	X	X	841 680
		1997.. N	X	X	929 182
33261221	Precision mechanical extension- and torsion-type wire springs	2002.. N	X	X	333 552
		1997.. N	X	X	380 274
3326122111	Precision mechanical extension-type wire springs	2002.. 109	X	X	160 362
		1997.. 115	X	X	163 747
3326122116	Precision mechanical torsion-type wire springs	2002.. 101	X	X	173 190
		1997.. 116	X	X	216 527
33261222	Precision mechanical compression-type wire springs	2002.. N	X	X	465 455
		1997.. N	X	X	536 733
3326122201	Precision mechanical compression-type wire springs, shipped to original equipment manufacturers	2002.. 114	X	X	396 365
		1997.. 139	X	X	417 914
3326122206	Other precision mechanical compression-type wire spring shipments	2002.. 47	X	X	69 090
		1997.. 73	X	X	118 819
3326122Y	Precision mechanical wire springs, nsk	2002.. N	X	X	42 673
		1997.. N	X	X	12 175
3326122YWV	Precision mechanical wire springs, nsk	2002.. N	X	X	42 673
		1997.. N	X	X	12 175
3326124	Other wire springs	2002.. N	X	X	1 267 766
		1997.. N	X	X	1 245 725
33261241	Spring units for box springs, innerspring mattresses, and dual-purpose sleep furniture	2002.. N	X	X	693 506
		1997.. N	X	X	318 400
3326124111	Spring units for box springs, innerspring mattresses, and dual-purpose sleep furniture	2002.. 23	X	X	693 506
		1997.. 7	X	X	318 400
33261242	Other wire springs	2002.. N	X	X	566 858
		1997.. N	X	X	927 325
3326124201	Seat and back springs for motor vehicles	2002.. 6	X	X	97 452
		1997.. 12	X	X	223 556
3326124216	Spring units for upholstered furniture	2002.. 10	X	X	37 196
		1997.. 10	X	X	45 831
3326124221	Other springs for mattresses and bedsprings, upholstery and furniture springs	2002.. 12	X	X	93 766
		1997.. 32	X	X	187 512
3326124226	Valve springs	2002.. 16	X	X	64 218
		1997.. 24	X	X	105 166
3326124231	Other wire springs	2002.. 61	X	X	274 226
		1997.. 131	X	X	365 260
3326124Y	Other wire springs, nsk	2002.. N	X	X	7 402
		1997.. N	X	X	—
3326124YWV	Other wire springs, nsk	2002.. N	X	X	7 402
		1997.. N	X	X	—
332612W	Spring (light gauge) manufacturing, nsk, total	2002.. N	X	X	74 539
		1997.. N	X	X	24 174
332612WY	Spring (light gauge) manufacturing, nsk, total	2002.. N	X	X	74 539
		1997.. N	X	X	24 174
332612WYWW	Spring (light gauge) manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	27 625
		1997.. N	X	X	24 174
332612WYWY	Spring (light gauge) manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	46 914
		1997.. N	X	X	—
332618	Other fabricated wire product manufacturing	2002.. N	X	X	5 368 094
		1997.. N	X	X	5 188 920
3326181	Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire	2002.. N	X	X	535 295
		1997.. N	X	X	457 671

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332618	Other fabricated wire product manufacturing—Con.				
3326181	Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire—Con.				
33261811	Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire .....	2002.. N 1997.. N	X X	X X	516 759 452 566
3326181102	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made from purchased wire .....	2002.. 63 1997.. N	X X	X X	279 747 N
3326181106	Noninsulated ferrous wire forms and strand (including strand for prestressed concrete, composite wire strand (except ACSR), and guard rail cable), made from purchased wire .....	2002.. 78 1997.. N	X X	X X	237 012 N
3326181Y	Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire, nsk .....	2002.. N 1997.. N	X X	X X	18 536 5 105
3326181YVV	Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire, nsk .....	2002.. N 1997.. N	X X	X X	18 536 5 105
3326182	Other fabricated wire products, made from purchased wire .....	2002.. N 1997.. N	X X	X X	245 286 410 349
33261821	Other fabricated wire products, made from purchased wire .....	2002.. N 1997.. N	X X	X X	235 121 402 691
3326182101	Nonferrous nails, brads, tacks, and staples, made from purchased wire .....	2002.. 6 1997.. 13	X X	X X	17 293 91 732
3326182106	All other miscellaneous fabricated wire products, made from purchased wire .....	2002.. 71 1997.. 21	X X	X X	217 828 310 959
3326182Y	Other fabricated wire products, made from purchased wire, nsk .....	2002.. N 1997.. N	X X	X X	10 165 7 658
3326182YVV	Other fabricated wire products, made from purchased wire, nsk .....	2002.. N 1997.. N	X X	X X	10 165 7 658
3326183	Ferrous wire cloth and other ferrous woven wire products, made from purchased wire .....	2002.. N 1997.. N	X X	X X	154 823 290 183
33261831	Ferrous wire cloth and other ferrous woven wire products, made from purchased wire .....	2002.. N 1997.. N	X X	X X	154 823 290 183
3326183100	Ferrous wire cloth and other ferrous woven wire products, made from purchased wire .....	2002.. 31 1997.. 44	X X	X X	154 823 290 183
3326185	Nonferrous wire cloth and other nonferrous woven wire products, made from purchased wire .....	2002.. N 1997.. N	X X	X X	64 554 155 658
33261851	Nonferrous wire cloth and other nonferrous woven wire products, made from purchased wire .....	2002.. N 1997.. N	X X	X X	64 554 155 658
3326185100	Nonferrous wire cloth and other nonferrous woven wire products, made from purchased wire .....	2002.. 20 1997.. 28	X X	X X	64 554 155 658
3326187	Steel fencing and fence gates, made from purchased wire .....	2002.. N 1997.. N	X X	X X	227 723 184 408
33261871	Steel fencing and fence gates, made from purchased wire .....	2002.. N 1997.. N	X X	X X	227 723 181 303
3326187100	Steel fencing and fence gates, made from purchased wire .....	2002.. 52 1997.. N	X X	X X	227 723 N
3326189	Steel nails, staples, tacks, spikes, and brads, made from purchased wire .....	2002.. N 1997.. N	X X	X X	374 374 360 686
33261891	Steel nails, staples, tacks, spikes, and brads, made from purchased wire .....	2002.. N 1997.. N	X X	X X	374 374 344 688
3326189100	Steel nails, staples, tacks, spikes, and brads, made from purchased wire .....	2002.. 30 1997.. N	X X	X X	374 374 N
332618B	Other ferrous wire products (excluding springs), made from purchased wire .....	2002.. N 1997.. N	X X	X X	2 654 956 3 007 964
332618B5	Other ferrous wire products (excluding springs), made from purchased wire .....	2002.. N 1997.. N	X X	X X	2 654 956 N
332618B500	Other ferrous wire products (excluding springs), made from purchased wire .....	2002.. 352 1997.. N	X X	X X	2 654 956 N
332618W	Other fabricated wire product manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	1 111 083 322 001
332618WY	Other fabricated wire product manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	1 111 083 322 001
332618WYWW	Other fabricated wire product manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	540 512 166 039
332618WYWY	Other fabricated wire product manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	570 571 155 962
332710	Machine shops .....	2002.. N 1997.. N	X X	X X	24 462 940 24 415 007

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332710	Machine shops—Con.				
3327100	Receipts for machine shop job work and job order repairs . . . . .	2002 . . . . . N	X	X	24 462 940
		1997 . . . . . N	X	X	24 415 007
33271001	Receipts for machine shop job work and job order repairs . . . . .	2002 . . . . . N	X	X	18 652 100
		1997 . . . . . N	X	X	20 541 034
3327100100	Receipts for machine shop job work and job order repairs . . . . .	2002 . . . . . 8 538	X	X	18 652 100
		1997 . . . . . 10 493	X	X	20 541 034
3327100Y	Receipts for machine shop job work and job order repairs, nsk, total . . . . .	2002 . . . . . N	X	X	5 810 840
		1997 . . . . . N	X	X	3 873 973
3327100YWW	Receipts for machine shop job work and job order repairs, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N	X	X	3 837 511
		1997 . . . . . N	X	X	2 284 709
3327100YWY	Receipts for machine shop job work and job order repairs, nsk, for administrative-record establishments . . . . .	2002 . . . . . N	X	X	1 973 329
		1997 . . . . . N	X	X	1 589 264
332721	Precision turned product manufacturing . . . . .	2002 . . . . . N	X	X	8 388 170
		1997 . . . . . N	X	X	8 006 106
3327211	Precision turned products, automotive . . . . .	2002 . . . . . N	X	X	2 109 587
		1997 . . . . . N	X	X	1 886 830
33272111	Precision turned products, automotive . . . . .	2002 . . . . . N	X	X	2 109 587
		1997 . . . . . N	X	X	1 886 830
3327211100	Precision turned products, automotive . . . . .	2002 . . . . . 441	X	X	2 109 587
		1997 . . . . . 409	X	X	1 886 830
3327215	Precision turned products (made on CNC equipment or screw machines), except automotive . . . . .	2002 . . . . . N	X	X	4 281 616
		1997 . . . . . N	X	X	4 135 005
33272151	Precision turned products (made on CNC equipment or screw machines), for aircraft . . . . .	2002 . . . . . N	X	X	545 306
		1997 . . . . . N	X	X	273 011
3327215111	Precision turned products (made on CNC equipment or screw machines), for aircraft . . . . .	2002 . . . . . 262	X	X	545 306
		1997 . . . . . 129	X	X	273 011
33272152	Precision turned products (made on CNC equipment or screw machines), for household appliances (including radio and television) . . . . .	2002 . . . . . N	X	X	207 002
		1997 . . . . . N	X	X	234 455
3327215222	Precision turned products (made on CNC equipment or screw machines), for household appliances (including radio and television) . . . . .	2002 . . . . . 96	X	X	207 002
		1997 . . . . . 139	X	X	234 455
33272153	Precision turned products (made on CNC equipment or screw machines), for electric and electronic equipment (except household appliances) . . . . .	2002 . . . . . N	X	X	345 143
		1997 . . . . . N	X	X	496 231
3327215333	Precision turned products (made on CNC equipment or screw machines), for electric and electronic equipment (except household appliances) . . . . .	2002 . . . . . 257	X	X	345 143
		1997 . . . . . 281	X	X	496 231
33272154	Precision turned products (made on CNC equipment or screw machines), for medical supplies . . . . .	2002 . . . . . N	X	X	365 513
		1997 . . . . . N	X	X	187 024
3327215444	Precision turned products (made on CNC equipment or screw machines), for medical supplies . . . . .	2002 . . . . . 201	X	X	365 513
		1997 . . . . . 122	X	X	187 024
33272155	Precision turned products (made on CNC equipment or screw machines), for other machinery . . . . .	2002 . . . . . N	X	X	733 066
		1997 . . . . . N	X	X	496 046
3327215555	Precision turned products (made on CNC equipment or screw machines), for other machinery . . . . .	2002 . . . . . 450	X	X	733 066
		1997 . . . . . 305	X	X	496 046
33272156	Precision turned products (made on CNC equipment or screw machines), for ordance and all other end uses . . . . .	2002 . . . . . N	X	X	1 336 244
		1997 . . . . . N	X	X	1 164 494
3327215666	Precision turned products (made on CNC equipment or screw machines), for ordance . . . . .	2002 . . . . . 78	X	X	79 086
		1997 . . . . . 57	X	X	36 315
3327215699	Precision turned products (made on CNC equipment or screw machines), for all other end uses . . . . .	2002 . . . . . 545	X	X	1 257 158
		1997 . . . . . 485	X	X	1 128 179
3327215Y	Precision turned products (made on CNC equipment or screw machines), except automotive, nsk . . . . .	2002 . . . . . N	X	X	749 342
		1997 . . . . . N	X	X	1 283 744
3327215YWW	Precision turned products (made on CNC equipment or screw machines), except automotive, nsk . . . . .	2002 . . . . . N	X	X	749 342
		1997 . . . . . N	X	X	1 283 744
332721W	Precision turned product manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	1 996 967
		1997 . . . . . N	X	X	1 984 271
332721WY	Precision turned product manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	1 996 967
		1997 . . . . . N	X	X	1 984 271
332721WYWW	Precision turned product manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N	X	X	1 783 116
		1997 . . . . . N	X	X	1 876 778
332721WYWY	Precision turned product manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N	X	X	213 851
		1997 . . . . . N	X	X	107 493
332722	Bolt, nut, screw, rivet, and washer manufacturing . . . . .	2002 . . . . . N	X	X	7 204 158
		1997 . . . . . N	X	X	7 581 822
3327221	Aircraft fasteners, except plastics (including aerospace) (meet specifications for flying vehicles) . . . . .	2002 . . . . . N	X	X	1 204 835
		1997 . . . . . N	X	X	1 208 605
33272211	Aircraft fasteners, except plastics (including aerospace) (meet specifications for flying vehicles) . . . . .	2002 . . . . . N	X	X	1 087 258
		1997 . . . . . N	X	X	1 161 743

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332722	Bolt, nut, screw, rivet, and washer manufacturing—Con.				
3327221	Aircraft fasteners, except plastics (including aerospace) (meet specifications for flying vehicles)—Con.				
33272211	Aircraft fasteners, except plastics (including aerospace) (meet specifications for flying vehicles)—Con.				
3327221101	Aircraft bolts, except plastics (including aerospace), less than 161 KSI tensile (meets specifications for flying vehicles) . . . . .	2002 . . . . . 23 1997 . . . . . 26	X X	X X	125 309 140 369
3327221106	Aircraft bolts, except plastics (including aerospace), 161 KSI tensile or more (meets specifications for flying vehicles) . . . . .	2002 . . . . . 23 1997 . . . . . 30	X X	X X	292 587 248 563
3327221115	Aircraft screws and studs, except plastics (including aerospace) (meets specifications for flying vehicles) . . . . .	2002 . . . . . 31 1997 . . . . . 25	X X	X X	121 101 186 530
3327221145	Aircraft locknuts, except plastics (including aerospace), including flanged locknuts (meets specifications for flying vehicles) . . . . .	2002 . . . . . 20 1997 . . . . . 15	X X	X X	193 072 213 307
3327221159	Other internally threaded aircraft fasteners, except plastics (including aerospace), including flanged nuts (all types except flanged locknuts), hex square nuts (all types) and sheet metal fasteners . . . . .	2002 . . . . . 19 1997 . . . . . 17	X X	X X	170 440 100 631
3327221172	Aircraft washers, except plastics (including aerospace), all types . . . . .	2002 . . . . . 8 1997 . . . . . 15	X X	X X	25 186 25 357
3327221178	Aircraft rivets, except plastics (including aerospace), all types . . . . .	2002 . . . . . 15 1997 . . . . . 10	X X	X X	104 360 171 579
3327221184	Aircraft pins, except plastics (including aerospace), all types . . . . .	2002 . . . . . 23 1997 . . . . . 16	X X	X X	55 203 75 407
3327221Y	Aircraft fasteners, except plastics (including aerospace) (meet specifications for flying vehicles), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	117 577 46 862
3327221YVV	Aircraft fasteners, except plastics (including aerospace) (meet specifications for flying vehicles), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	117 577 46 862
3327223	Externally threaded metal fasteners (except aircraft types) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 848 476 3 085 720
33272231	Externally threaded metal fasteners (except aircraft types) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 584 834 2 889 071
3327223111	Mine roof bolts . . . . .	2002 . . . . . 14 1997 . . . . . 14	X X	X X	110 530 159 116
3327223122	Hex bolts, including heavy, tap-and-joint (excluding high-strength structural and aircraft types) . . . . .	2002 . . . . . 40 1997 . . . . . 66	X X	X X	426 706 366 056
3327223133	Other metal bolts, including square, round, plow, high-strength structural, and bent bolts (except aircraft types) . . . . .	2002 . . . . . 76 1997 . . . . . 93	X X	X X	558 505 459 277
3327223144	Cap, set, machine, lag, flange, and self-locking screws (except aircraft types) . . . . .	2002 . . . . . 76 1997 . . . . . 105	X X	X X	503 944 699 957
3327223155	Tapping screws (including fillister, flat, hex, oval, pan, and truss) and wood screws (including flat, oval, and round) (except aircraft types) . . . . .	2002 . . . . . 45 1997 . . . . . 60	X X	X X	379 424 531 301
3327223199	Other externally threaded metal fasteners, including studs (except aircraft types) . . . . .	2002 . . . . . 74 1997 . . . . . 121	X X	X X	605 725 673 364
3327223Y	Externally threaded metal fasteners (except aircraft types), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	263 642 196 649
3327223YVV	Externally threaded metal fasteners (except aircraft types), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	263 642 196 649
3327225	Internally threaded metal fasteners (except aircraft types) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	631 713 858 123
33272251	Internally threaded metal fasteners (except aircraft types) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	553 254 776 816
3327225104	Hex nuts, including flanges, double chamfered, washer face, flat, jam, slotted, thick, castle, heavy, machine, and locking (except aircraft types) . . . . .	2002 . . . . . 52 1997 . . . . . 70	X X	X X	231 883 288 131
3327225129	Square nuts (including flat, washer, crowned, heavy, track, sleeve, and machine), sheet metal nuts, weld nuts, wing nuts, nut retainers, etc. (except aircraft types) . . . . .	2002 . . . . . 18 1997 . . . . . 25	X X	X X	28 734 46 121
3327225189	Other internally threaded metal fasteners, including flanged nuts and locknuts (except aircraft types) . . . . .	2002 . . . . . 45 1997 . . . . . 59	X X	X X	292 637 442 564
3327225Y	Internally threaded metal fasteners (except aircraft types), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	78 459 81 307
3327225YVV	Internally threaded metal fasteners (except aircraft types), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	78 459 81 307
3327227	Nonthreaded metal fasteners (except aircraft types) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	940 697 970 248
33272271	Nonthreaded metal fasteners (except aircraft types) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	824 868 912 228
3327227109	Solid rivets (except aircraft types) . . . . .	2002 . . . . . 39 1997 . . . . . 46	X X	X X	96 612 117 567
3327227115	Tubular, split (including rivet caps) and blind rivets (except aircraft types) . . . . .	2002 . . . . . 14 1997 . . . . . 28	X X	X X	148 851 190 198

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332722	Bolt, nut, screw, rivet, and washer manufacturing—Con.				
3327227	Nonthreaded metal fasteners (except aircraft types)—Con.				
33272271	Nonthreaded metal fasteners (except aircraft types)—Con.				
3327227135	Washers (except aircraft types) .....	2002.. 27	X	X	141 757
		1997.. 44	X	X	176 387
3327227179	Other nonthreaded metal fasteners, including pins (except aircraft types) .....	2002.. 52	X	X	437 648
		1997.. 75	X	X	428 076
3327227Y	Nonthreaded metal fasteners (except aircraft types), nsk .....	2002.. N	X	X	115 829
		1997.. N	X	X	58 020
3327227YVV	Nonthreaded metal fasteners (except aircraft types), nsk .....	2002.. N	X	X	115 829
		1997.. N	X	X	58 020
332722A	Products (except fasteners), made by cold-heading (or warm- or hot-heading) processes .....	2002.. N	X	X	1 013 797
		1997.. N	X	X	N
332722A1	Products (except fasteners), made by cold-heading (or warm- or hot-heading) processes .....	2002.. N	X	X	1 013 785
		1997.. N	X	X	N
332722A105	Aircraft parts (except fasteners), made by cold-heading (or warm- or hot-heading) processes .....	2002.. 13	X	X	53 504
		1997.. N	X	X	N
332722A115	Automotive parts (except fasteners), made by cold-heading (or warm- or hot-heading) processes .....	2002.. 40	X	X	750 659
		1997.. N	X	X	N
332722A135	Parts for household appliances (except fasteners), including radio and television, made by cold-heading (or warm- or hot-heading) processes .....	2002.. 8	X	X	25 315
		1997.. N	X	X	N
332722A198	Turnbuckles and hose clamps, made by cold-heading (or warm- or hot-heading) processes .....	2002.. 12	X	X	115 830
		1997.. N	X	X	N
332722A199	Other products (except fasteners), made by cold-heading (or warm- or hot-heading) processes .....	2002.. 30	X	X	68 477
		1997.. N	X	X	N
332722AY	Products (except fasteners), made by cold-heading (or warm- or hot-heading) processes, nsk .....	2002.. N	X	X	12
		1997.. N	X	X	N
332722AYVV	Products (except fasteners), made by cold-heading (or warm- or hot-heading) processes, nsk .....	2002.. N	X	X	12
		1997.. N	X	X	N
332722W	Bolt, nut, screw, rivet, and washer manufacturing, nsk, total .....	2002.. N	X	X	564 640
		1997.. N	X	X	600 381
332722WY	Bolt, nut, screw, rivet, and washer manufacturing, nsk, total .....	2002.. N	X	X	564 640
		1997.. N	X	X	600 381
332722WYWW	Bolt, nut, screw, rivet, and washer manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	377 318
		1997.. N	X	X	428 559
332722WYWY	Bolt, nut, screw, rivet, and washer manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	187 322
		1997.. N	X	X	171 822
332811	Metal heat treating .....	2002.. N	X	X	3 502 087
		1997.. N	X	X	3 394 828
3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.) .....	2002.. N	X	X	3 502 087
		1997.. N	X	X	3 394 828
33281101	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.) .....	2002.. N	X	X	3 353 629
		1997.. N	X	X	3 297 084
3328110100	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.) .....	2002.. 523	X	X	3 353 629
		1997.. 529	X	X	3 297 084
3328110Y	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.), nsk, total .....	2002.. N	X	X	148 458
		1997.. N	X	X	97 744
3328110YWW	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.), nsk, for nonadministrative-record establishments .....	2002.. N	X	X	62 553
		1997.. N	X	X	17 686
3328110YWY	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.), nsk, for administrative-record establishments .....	2002.. N	X	X	85 905
		1997.. N	X	X	80 058
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers .....	2002.. N	X	X	9 581 760
		1997.. N	X	X	8 214 631
3328120	Metal coating, engraving, and allied services .....	2002.. N	X	X	9 581 760
		1997.. N	X	X	8 214 631
33281202	Metal galvanizing and other hot dip metal coating .....	2002.. N	X	X	2 962 599
		1997.. N	X	X	2 106 368
3328120221	Metal galvanizing and other hot dip metal coating .....	2002.. 108	X	X	2 962 599
		1997.. 108	X	X	2 106 368
33281203	Metal coil coating (including organic coatings, enamels, lacquers, alkyds, plastics, etc.) .....	2002.. N	X	X	1 542 427
		1997.. N	X	X	1 465 856
3328120326	Metal coil coating (including organic coatings, enamels, lacquers, alkyds, plastics, etc.) .....	2002.. 49	X	X	1 542 427
		1997.. 41	X	X	1 465 856
33281204	Metal liquid spray coating, including electrostatic coating (including organic coatings, enamels, lacquers, alkyds, plastics, etc.) .....	2002.. N	X	X	851 168
		1997.. N	X	X	897 843
3328120431	Metal liquid spray coating, including electrostatic coating (including organic coatings, enamels, lacquers, alkyds, plastics, etc.) .....	2002.. 292	X	X	851 168
		1997.. 426	X	X	897 843

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers—Con.				
3328120	Metal coating, engraving, and allied services—Con.				
33281205	Metal powder coating, including electrostatic and fluidized bed (including organic coatings, enamels, lacquers, alkyds, plastics, etc.)	2002.. N 1997.. N	X X	X X	910 294 1 027 662
3328120536	Metal powder coating, including electrostatic and fluidized bed (including organic coatings, enamels, lacquers, alkyds, plastics, etc.)	2002.. 394 1997.. 457	X X	X X	910 294 1 027 662
33281206	Flocking metals and metal products for the trade	2002.. N 1997.. N	X X	X X	311 358 N
3328120631	Flocking metals and metal products for the trade	2002.. 110 1997.. N	X X	X X	311 358 N
33281201	All other metal coating, including curtain coating and wash coating (including organic coatings, enamels, lacquers, alkyds, plastics, etc.)	2002.. N 1997.. N	X X	X X	1 626 352 1 396 854
3328120101	Electronic metal engraving, excluding metal nameplates	2002.. 35 1997.. 23	X X	X X	122 636 38 436
3328120106	Photo chemical metal etching, including machining (excluding metal nameplates)	2002.. 41 1997.. 58	X X	X X	165 682 234 664
3328120111	Etching and engraving metal nameplates	2002.. 71 1997.. 58	X X	X X	104 802 98 636
3328120113	Engraving and etching on nonprecious (except pewter) metal hollowware, flatware, and cutlery	2002.. 16 1997.. N	X X	X X	76 938 N
3328120116	Other engraving and etching, except jewelry and silverware	2002.. 53 1997.. 49	X X	X X	260 264 219 907
3328120146	Inorganic metal coatings, including porcelain	2002.. 59 1997.. 74	X X	X X	311 944 356 168
3328120141	All other metal coating, including curtain coating and wash coating (including organic coatings, enamels, lacquers, alkyds, plastics, etc.)	2002.. 118 1997.. 131	X X	X X	584 086 449 043
3328120Y	Metal coating, engraving, and allied services, nsk, total	2002.. N 1997.. N	X X	X X	1 377 562 1 320 048
3328120YWW	Metal coating, engraving, and allied services, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	1 112 509 1 199 503
3328120YWY	Metal coating, engraving, and allied services, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	265 053 120 545
332813	Electroplating, plating, polishing, anodizing, and coloring	2002.. N 1997.. N	X X	X X	5 820 035 6 146 442
3328130	Electroplating, plating, polishing, anodizing, and coloring	2002.. N 1997.. N	X X	X X	5 820 035 6 146 442
33281301	Electroplating, plating, polishing, and anodizing	2002.. N 1997.. N	X X	X X	5 610 754 5 983 720
3328130101	Electroplating, plating, polishing, anodizing, and coloring	2002.. 1 736 1997.. N	X X	X X	5 295 464 N
3328130102	Laminating steel for the trade	2002.. 199 1997.. N	X X	X X	315 290 N
3328130Y	Electroplating, plating, polishing, anodizing, and coloring, nsk, total	2002.. N 1997.. N	X X	X X	209 281 162 722
3328130YWW	Electroplating, plating, polishing, anodizing, and coloring, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	76 062 727
3328130YWY	Electroplating, plating, polishing, anodizing, and coloring, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	133 219 161 995
332911	Industrial valve manufacturing	2002.. N 1997.. N	X X	X X	8 015 893 8 031 977
3329111	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	2002.. N 1997.. N	X X	X X	1 409 810 1 317 414
33291111	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves, except parts	2002.. N 1997.. N	X X	X X	1 203 833 1 096 897
3329111101	Iron body gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves, including ductile or modular, all pressures (excl. IBBM, AWWA, and UL)	2002.. 29 1997.. 27	X X	X X	320 063 151 528
3329111103	Cast carbon steel gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	2002.. 26 1997.. 40	X X	X X	281 318 246 593
3329111105	Forged carbon steel gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	2002.. 14 1997.. 22	X X	X X	138 971 166 262
3329111107	Alloy steel and other metal gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	2002.. 34 1997.. 54	X X	X X	226 882 274 536
3329111109	Brass and bronze (125 lb w.s.p. or more) gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	2002.. 22 1997.. 40	X X	X X	208 569 245 875

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332911	Industrial valve manufacturing—Con.				
3329111	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves—Con.				
33291111	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves, except parts—Con.				
3329111111	Actuators (power-operated, on-off mounted) for gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	2002.. 13 1997.. 9	X X	X X	28 030 12 103
33291112	Parts for gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	2002.. N 1997.. N	X X	X X	79 287 151 393
3329111213	Parts for gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves	2002.. 16 1997.. 39	X X	X X	79 287 151 393
3329111Y	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves, nsk	2002.. N 1997.. N	X X	X X	126 690 69 124
3329111YVV	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves, nsk	2002.. N 1997.. N	X X	X X	126 690 69 124
3329113	Industrial valves for water works and municipal equipment (IBBM, AWWA, and UL)	2002.. N 1997.. N	X X	X X	1 024 799 741 713
33291131	Industrial valves for water works and municipal equipment (IBBW, AWWA, and UL), except parts	2002.. N 1997.. N	X X	X X	967 880 681 108
3329113101	Industrial IBBM gate line and tapping valves for water works and municipal equipment	2002.. 10 1997.. 8	X X	X X	460 443 286 115
3329113103	Industrial UL check valves (all pressures) for water works and municipal equipment	2002.. 5 1997.. 8	X X	X X	10 087 15 874
3329113105	All other industrial UL valves (all pressures), including pest indicators, for water works and municipal equipment	2002.. 9 1997.. 6	X X	X X	108 012 46 474
3329113107	Tapping sleeves and crosses for industrial valves for water works and municipal equipment (IBBM, AWWA, and UL)	2002.. 4 1997.. 4	X X	X X	16 686 21 305
3329113109	Fire hydrants	2002.. 6 1997.. 5	X X	X X	243 656 179 544
3329113111	Industrial AWWA check valves (all pressures) for water works and municipal equipment	2002.. 6 1997.. 12	X X	X X	19 308 36 386
3329113113	Industrial AWWA butterfly valves (all pressures) for water works and municipal equipment	2002.. 5 1997.. 8	X X	X X	109 688 95 410
33291132	Parts for industrial valves for water works and municipal equipment (IBBM, AWWA, and UL)	2002.. N 1997.. N	X X	X X	50 105 54 484
3329113215	Parts for industrial valves for water works and municipal equipment (IBBM, AWWA, and UL)	2002.. 8 1997.. 12	X X	X X	50 105 54 484
3329113Y	Industrial valves for water works and municipal equipment (IBBM, AWWA, and UL), nsk	2002.. N 1997.. N	X X	X X	6 814 6 121
3329113YVV	Industrial valves for water works and municipal equipment (IBBM, AWWA, and UL), nsk	2002.. N 1997.. N	X X	X X	6 814 6 121
3329115	Industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves	2002.. N 1997.. N	X X	X X	1 090 675 1 161 437
33291151	Industrial ball valves, all metals, pressures, and types, including manual and power-operated, on-off valves, except parts	2002.. N 1997.. N	X X	X X	951 417 994 946
3329115101	Industrial iron (including ductile) ball valves (all pressures and types), manual and power-operated, on-off valves	2002.. 15 1997.. 11	X X	X X	74 095 80 974
3329115103	Industrial brass and bronze ball valves (all pressures and types), including manual and power-operated, on-off valves	2002.. 22 1997.. 26	X X	X X	229 427 254 258
3329115105	Industrial carbon steel (cast and fabricated) ball valves (all pressures and types), including manual and power-operated, on-off valves	2002.. 26 1997.. 31	X X	X X	406 054 365 309
3329115107	Industrial alloy steel and other metal ball valves (all pressures and types), including manual and power-operated, on-off valves	2002.. 26 1997.. 27	X X	X X	188 498 212 696
3329115109	Actuators (power-operated, on-off mounted) for industrial ball valves (all metals, pressures, and types)	2002.. 12 1997.. 19	X X	X X	53 343 81 709
33291152	Parts for industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves	2002.. N 1997.. N	X X	X X	109 134 162 525
3329115211	Parts for industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves	2002.. 14 1997.. 28	X X	X X	109 134 162 525
3329115Y	Industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves, nsk	2002.. N 1997.. N	X X	X X	30 124 3 966

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332911	Industrial valve manufacturing—Con.				
3329115	Industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves—Con.				
3329115Y	Industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves, nsk—Con.				
3329115YVW	Industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves, nsk	2002.. N 1997.. N	X X	X X	30 124 3 966
3329117	Industrial butterfly valves (all metals, pressures, and types), including manual and power-operated, on-off valves	2002.. N 1997.. N	X X	X X	543 614 491 396
33291171	Industrial butterfly valves (all metals, pressures, and types), including manual and power-operated, on-off valves, except parts	2002.. N 1997.. N	X X	X X	485 358 457 473
3329117101	Industrial iron (including ductile) butterfly valves, except high-pressure types, including elastomer and fluorochemicals lined, manual and power-operated, on-off valves	2002.. 20 1997.. 20	X X	X X	130 954 119 512
3329117103	Industrial brass and bronze butterfly valves, except high-pressure types, including elastomer and fluorochemicals lined, manual and power-operated, on-off valves	2002.. 7 1997.. 7	X X	X X	113 070 23 399
3329117105	Industrial carbon steel (cast and fabricated) butterfly valves, except high-pressure types, including elastomer and fluorochemicals lined, manual and power-operated, on-off valves	2002.. 10 1997.. 14	X X	X X	49 973 121 176
3329117107	Industrial alloy steel and other metal butterfly valves, except high-pressure types, including elastomer and fluorochemicals lined, manual and power-operated, on-off valves	2002.. 9 1997.. 13	X X	X X	64 238 30 307
3329117109	Industrial high-pressure iron butterfly valves (shut-off to full ANSI class ratings), manual and power-operated, on-off valves	2002.. 7 1997.. 5	X X	X X	24 986 23 603
3329117111	Industrial high-pressure carbon steel (cast and fabricated) butterfly valves (shut-off to full ANSI class ratings), manual and power-operated, on-off valves	2002.. 8 1997.. 7	X X	X X	22 396 38 177
3329117113	Industrial high-pressure alloy steel and other metal butterfly valves (shut-off to full ANSI class ratings), manual and power-operated, on-off valves	2002.. 10 1997.. 11	X X	X X	54 112 60 291
3329117115	Industrial butterfly valve actuators (power-operated, on-off mounted)	2002.. 8 1997.. 12	X X	X X	25 629 41 008
33291172	Parts for industrial butterfly valves (all metals, pressures, and types), including manual and power-operated, on-off valves	2002.. N 1997.. N	X X	X X	23 276 31 490
3329117217	Parts for industrial butterfly valves (all metals, pressures, and types), including manual and power-operated, on-off valves	2002.. 16 1997.. 14	X X	X X	23 276 31 490
3329117Y	Industrial butterfly valves (all metals, pressures, and types), including manual and power-operated, on-off valves, nsk	2002.. N 1997.. N	X X	X X	34 980 2 433
3329117YVW	Industrial butterfly valves (all metals, pressures, and types), including manual and power-operated, on-off valves, nsk	2002.. N 1997.. N	X X	X X	34 980 2 433
3329119	Industrial plug valves (all metals, pressures, and types), including lubricated, cylindrical eccentric, and sleeve-lined	2002.. N 1997.. N	X X	X X	275 503 359 633
33291191	Industrial plug valves, all metals, pressures, and types, including lubricated, cylindrical eccentric, and sleeve-lined, except parts	2002.. N 1997.. N	X X	X X	259 877 D
3329119101	Industrial iron (including ductile) plug valves (all pressures and types), including lubricated, cylindrical eccentric, and sleeve-lined	2002.. 11 1997.. 15	X X	X X	116 699 110 738
3329119103	Industrial carbon steel plug valves (all pressures and types), including lubricated, cylindrical eccentric, and sleeve-lined	2002.. 7 1997.. 18	X X	X X	77 279 108 258
3329119105	Industrial alloy steel and other metal plug valves (all pressures and types), including lubricated, cylindrical eccentric, and sleeve-lined	2002.. 11 1997.. 22	X X	X X	65 899 102 077
33291193	Parts for industrial plug valves (all metals, pressures, and types), including lubricated, cylindrical eccentric, and sleeve-lined	2002.. N 1997.. N	X X	X X	14 951 N
3329119308	Parts for industrial plug valves (all metals, pressures, and types), including lubricated, cylindrical eccentric, and sleeve-lined	2002.. 7 1997.. N	X X	X X	14 951 N
3329119Y	Industrial plug valves (all metals, pressures, and types), including lubricated, cylindrical eccentric, and sleeve-lined, nsk	2002.. N 1997.. N	X X	X X	675 —
3329119YVW	Industrial plug valves (all metals, pressures, and types), including lubricated, cylindrical eccentric, and sleeve-lined, nsk	2002.. N 1997.. N	X X	X X	675 —
332911B	All other miscellaneous industrial valves	2002.. N 1997.. N	X X	X X	969 832 1 016 097

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332911	Industrial valve manufacturing—Con.				
332911B	All other miscellaneous industrial valves—Con.				
332911B1	All other miscellaneous industrial valves .....	2002.. N	X	X	887 217
		1997.. N	X	X	980 329
332911B101	Industrial valve cocks and stops (all metals, pressures, and types) .....	2002.. 14	X	X	93 313
		1997.. 9	X	X	22 817
332911B103	Industrial diaphragm and pinch valves, including operators (all metals, pressures, and types), except automatic valves .....	2002.. 13	X	X	103 076
		1997.. 13	X	X	76 073
332911B105	Industrial iron and steel pop safety valves and relief valves (more than 15 lb, w.s.p.) .....	2002.. 18	X	X	125 039
		1997.. 19	X	X	208 348
332911B107	Industrial brass and bronze pop safety valves and relief valves (more than 15 lb, w.s.p.) .....	2002.. 6	X	X	78 697
		1997.. 13	X	X	102 061
332911B109	Industrial compressed gas cylinder valves .....	2002.. 7	X	X	78 282
		1997.. 11	X	X	117 458
332911B111	Industrial valve steam traps (more than 15 lb, w.s.p.) .....	2002.. 8	X	X	49 684
		1997.. 6	X	X	D
332911B115	Actuators for all other miscellaneous industrial valves, sold separately (power-operated, on-off mounted) .....	2002.. 19	X	X	159 155
		1997.. 16	X	X	144 311
332911B118	All other miscellaneous industrial valves .....	2002.. 35	X	X	199 971
		1997.. N	X	X	N
332911BY	All other miscellaneous industrial valves, nsk .....	2002.. N	X	X	82 615
		1997.. N	X	X	35 768
332911BYWV	All other miscellaneous industrial valves, nsk .....	2002.. N	X	X	82 615
		1997.. N	X	X	35 768
332911D	Nuclear valves (N-stamp only) .....	2002.. N	X	X	72 502
		1997.. N	X	X	36 622
332911D1	Nuclear valves (N-stamp only), except parts .....	2002.. N	X	X	58 995
		1997.. N	X	X	25 289
332911D102	Gate, globe, and check valves .....	2002.. 9	X	X	19 456
		1997.. N	X	X	N
332911D108	Valves .....	2002.. 11	X	X	39 539
		1997.. N	X	X	N
332911D2	Parts for nuclear valves (N-stamp only) .....	2002.. N	X	X	8 669
		1997.. N	X	X	9 435
332911D213	Parts for nuclear valves (N-stamp only) .....	2002.. 5	X	X	8 669
		1997.. 8	X	X	9 435
332911DY	Nuclear valves (N-stamp only), nsk .....	2002.. N	X	X	4 838
		1997.. N	X	X	1 898
332911DYWV	Nuclear valves (N-stamp only), nsk .....	2002.. N	X	X	4 838
		1997.. N	X	X	1 898
332911F	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service .....	2002.. N	X	X	1 958 663
		1997.. N	X	X	2 134 578
332911F1	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service .....	2002.. N	X	X	1 958 663
		1997.. N	X	X	2 134 578
332911F100	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service <sup>30</sup> .....	2002.. 80	X	X	1 958 663
		1997.. 107	X	X	2 134 578
332911H	Solenoid-operated valves and parts, except nuclear and fluid power transfer .....	2002.. N	X	X	319 684
		1997.. N	X	X	485 022
332911H1	Solenoid-operated valves and parts, except nuclear and fluid power transfer .....	2002.. N	X	X	319 684
		1997.. N	X	X	485 022
332911H100	Solenoid-operated valves and parts, except nuclear and fluid power transfer <sup>30</sup> .....	2002.. 33	X	X	319 684
		1997.. 33	X	X	485 022
332911W	Industrial valve manufacturing, nsk, total .....	2002.. N	X	X	350 811
		1997.. N	X	X	288 065
332911WY	Industrial valve manufacturing, nsk, total .....	2002.. N	X	X	350 811
		1997.. N	X	X	288 065
332911WYWW	Industrial valve manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	155 128
		1997.. N	X	X	137 832
332911WYWY	Industrial valve manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	195 683
		1997.. N	X	X	150 233
332912	Fluid power valve and hose fitting manufacturing .....	2002.. N	X	X	5 868 028
		1997.. N	X	X	6 285 684
3329121	Aerospace type hydraulic fluid power valves .....	2002.. N	X	X	721 391
		1997.. N	X	X	672 902
33291211	Aerospace type hydraulic fluid power valves .....	2002.. N	X	X	721 391
		1997.. N	X	X	672 902
3329121100	Aerospace type hydraulic fluid power valves <sup>31</sup> .....	2002.. 54	X	X	721 391
		1997.. 59	X	X	672 902
3329123	Aerospace type pneumatic fluid power valves .....	2002.. N	X	X	622 988
		1997.. N	X	X	499 415
33291231	Aerospace type pneumatic fluid power valves .....	2002.. N	X	X	622 988
		1997.. N	X	X	499 415
3329123100	Aerospace type pneumatic fluid power valves <sup>31</sup> .....	2002.. 29	X	X	622 988
		1997.. 39	X	X	499 415
3329125	Nonaerospace type hydraulic directional control valves .....	2002.. N	X	X	424 685
		1997.. N	X	X	536 935

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332912	Fluid power valve and hose fitting manufacturing—Con.				
3329125	Nonaerospace type hydraulic directional control valves—Con.				
33291251	Nonaerospace type hydraulic directional control valves .....	2002.. N	X	X	424 685
		1997.. N	X	X	536 935
3329125100	Nonaerospace type hydraulic directional control valves <sup>31</sup> .....	2002.. 41	X	X	424 685
		1997.. 53	X	X	536 935
3329127	Nonaerospace type hydraulic valves, except directional control .....	2002.. N	X	X	574 762
		1997.. N	X	X	719 670
33291271	Nonaerospace type hydraulic valves, except directional control .....	2002.. N	X	X	574 762
		1997.. N	X	X	719 670
3329127100	Nonaerospace type hydraulic valves, except directional control <sup>31</sup> .....	2002.. 49	X	X	574 762
		1997.. 53	X	X	719 670
3329129	Nonaerospace type pneumatic directional control valves .....	2002.. N	X	X	492 388
		1997.. N	X	X	619 943
33291291	Nonaerospace type pneumatic directional control valves .....	2002.. N	X	X	492 388
		1997.. N	X	X	619 943
3329129100	Nonaerospace type pneumatic directional control valves <sup>31</sup> .....	2002.. 32	X	X	492 388
		1997.. 42	X	X	619 943
332912B	Nonaerospace type pneumatic valves, except directional control .....	2002.. N	X	X	142 130
		1997.. N	X	X	192 604
332912B1	Nonaerospace type pneumatic valves, except directional control .....	2002.. N	X	X	142 130
		1997.. N	X	X	192 604
332912B100	Nonaerospace type pneumatic valves, except directional control <sup>31</sup> .....	2002.. 20	X	X	142 130
		1997.. 40	X	X	192 604
332912D	Parts for fluid power valves .....	2002.. N	X	X	164 270
		1997.. N	X	X	212 581
332912D1	Parts for fluid power valves .....	2002.. N	X	X	164 270
		1997.. N	X	X	212 581
332912D100	Parts for fluid power valves <sup>31</sup> .....	2002.. 30	X	X	164 270
		1997.. 53	X	X	212 581
332912F	Aerospace type hydraulic and pneumatic fluid power hose or tube end fittings and assemblies .....	2002.. N	X	X	612 388
		1997.. N	X	X	541 440
332912F1	Aerospace type hydraulic and pneumatic fluid power hose or tube end fittings and assemblies .....	2002.. N	X	X	612 388
		1997.. N	X	X	541 440
332912F100	Aerospace type hydraulic and pneumatic fluid power hose or tube end fittings and assemblies <sup>31</sup> .....	2002.. 44	X	X	612 388
		1997.. 36	X	X	541 440
332912H	Nonaerospace type flared (metal) fittings, couplings, and assemblies of tubing used in fluid power transfer systems .....	2002.. N	X	X	365 723
		1997.. N	X	X	389 751
332912H1	Nonaerospace type flared (metal) fittings, couplings, and assemblies of tubing used in fluid power transfer systems .....	2002.. N	X	X	365 723
		1997.. N	X	X	389 751
332912H100	Nonaerospace type flared (metal) fittings, couplings, and assemblies of tubing used in fluid power transfer systems <sup>31</sup> .....	2002.. 52	X	X	365 723
		1997.. 30	X	X	389 751
332912J	Nonaerospace type flareless fittings and couplings, including nonmetal fittings, used in fluid power transfer systems .....	2002.. N	X	X	536 414
		1997.. N	X	X	512 409
332912J1	Nonaerospace type flareless fittings and couplings, including nonmetal fittings, used in fluid power transfer systems .....	2002.. N	X	X	536 414
		1997.. N	X	X	512 409
332912J100	Nonaerospace type flareless fittings and couplings, including nonmetal fittings, used in fluid power transfer systems <sup>31</sup> .....	2002.. 23	X	X	536 414
		1997.. 27	X	X	512 409
332912L	Nonaerospace type hydraulic and pneumatic fittings and couplings for hose .....	2002.. N	X	X	717 535
		1997.. N	X	X	849 786
332912L1	Nonaerospace type hydraulic and pneumatic fittings and couplings for hose .....	2002.. N	X	X	717 535
		1997.. N	X	X	849 786
332912L100	Nonaerospace type hydraulic and pneumatic fittings and couplings for hose <sup>31</sup> .....	2002.. 31	X	X	717 535
		1997.. 53	X	X	849 786
332912N	Nonaerospace type hydraulic and pneumatic assemblies of hose .....	2002.. N	X	X	288 738
		1997.. N	X	X	289 050
332912N1	Nonaerospace type hydraulic and pneumatic assemblies of hose .....	2002.. N	X	X	288 738
		1997.. N	X	X	289 050
332912N100	Nonaerospace type hydraulic and pneumatic assemblies of hose <sup>31</sup> .....	2002.. 28	X	X	288 738
		1997.. 28	X	X	289 050
332912W	Fluid power valve and hose fitting manufacturing, nsk, total .....	2002.. N	X	X	204 616
		1997.. N	X	X	249 198
332912WY	Fluid power valve and hose fitting manufacturing, nsk, total .....	2002.. N	X	X	204 616
		1997.. N	X	X	249 198
332912WYWW	Fluid power valve and hose fitting manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	159 943
		1997.. N	X	X	107 006
332912WYWY	Fluid power valve and hose fitting manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	44 673
		1997.. N	X	X	142 192
332913	Plumbing fixture fitting and trim manufacturing .....	2002.. N	X	X	3 138 725

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
332913	Plumbing fixture fitting and trim manufacturing—Con.					
		1997..	N	X	X	3 643 158
3329131	Single lever plumbing fixture controls, two and three handle bath and shower fittings, and antiscald bath or shower valves (brass goods) .....	2002..	N	X	X	1 144 127
		1997..	N	X	X	1 141 480
33291311	Lavatory single lever controls (metallic and nonmetallic) .....	2002..	N	X	X	231 700
		1997..	N	X	X	174 589
3329131101	Lavatory single lever controls (metallic and nonmetallic) .....	millions..	15	X	S	231 700
		2002..	17	X	S	174 589
		1997..	N	X	X	305 051
33291312	Kitchen single lever controls, nonmetal .....	2002..	N	X	X	227 745
		1997..	N	X	X	
3329131206	Kitchen with spray single lever controls (metallic and nonmetallic) .....	millions..	8	X	S	246 649
		2002..	14	X	S	128 641
		1997..			2.7	
3329131211	Kitchen without spray single lever controls (metallic and nonmetallic) .....	millions..	7	X	S	58 402
		2002..	13	X	S	99 104
		1997..			2.8	
33291313	Shower and shower-tub combination single lever controls, including mechanical tub filler and shower control only .....	2002..	N	X	X	106 386
		1997..	N	X	X	180 057
3329131316	Shower combination single lever controls, mechanical .....	millions..	5	X	S	32 011
		2002..	11	X	S	53 995
		1997..			p.9	
3329131321	Shower-tub combination single lever controls, mechanical .....	millions..	6	X	D	D
		2002..	9	X	D	54 670
		1997..			1.0	
3329131326	Other single lever controls, including mechanical tub filler and shower control only .....	2002..	6	X	X	D
		1997..	8	X	X	71 392
33291314	Two and three handle bath and shower fittings, and antiscald bath and shower valves (brass goods) .....	2002..	N	X	X	480 455
		1997..	N	X	X	559 089
3329131431	Two and three handle bathtub fillers .....	2002..	5	X	X	D
		1997..	12	X	X	35 944
3329131436	Two and three handle shower fittings with shower heads .....	2002..	9	X	X	54 803
		1997..	16	X	X	44 694
3329131441	Two and three handle shower heads sold separately .....	2002..	5	X	X	46 818
		1997..	12	X	X	46 972
3329131446	Two and three handle bathtub and shower diverter spout .....	2002..	4	X	X	4 627
		1997..	15	X	X	24 859
3329131451	Two and three handle bathtub and shower three valve diverter .....	2002..	4	X	X	D
		1997..	17	X	X	52 517
3329131456	Two and three handle personal showers (handheld) .....	2002..	3	X	X	D
		1997..	9	X	X	25 180
3329131461	Two and three handle tub and shower control only .....	2002..	2	X	X	D
		1997..	2	X	X	D
3329131466	Other two and three handle bath and shower fittings, including stall and gang .....	2002..	3	X	X	D
		1997..	9	X	X	D
3329131468	Antiscald bath and shower valves, including thermostatic, thermo-pressure, and pressure balanced controlled fittings .....	2002..	6	X	X	232 147
		1997..	15	X	X	312 368
3329131Y	Single lever plumbing fixture controls, two or three handle bath or shower fittings, and antiscald bath or shower valves (brass goods), nsk .....	2002..	N	X	X	20 535
		1997..	N	X	X	-
3329131YWV	Single lever plumbing fixture controls, two or three handle bath or shower fittings, and antiscald bath or shower valves (brass goods), nsk .....	2002..	N	X	X	20 535
		1997..	N	X	X	-
3329133	Lavatory and sink fittings (except single control), including drains and overflows (brass goods) .....	2002..	N	X	X	544 718
		1997..	N	X	X	843 751
33291331	Faucet deck sink fittings .....	2002..	N	X	X	253 583
		1997..	N	X	X	162 971
3329133131	3 in. to 4 in. deck faucet sink fittings, exposed type (rough or plated, with or without hose end), excluding double laundry-tray faucets .....	2002..	9	X	X	D
		1997..	14	X	X	26 177
3329133136	6 in. to 8 in. deck faucet sink fittings, exposed type, with spray (metallic and nonmetallic) .....	2002..	10	X	X	42 032
		1997..	13	X	X	36 946
3329133141	6 in. to 8 in. deck faucet sink fittings, exposed type, without spray (metallic and nonmetallic) .....	2002..	6	X	X	D
		1997..	10	X	X	D
3329133146	Deck faucet sink fittings, concealed type, with spray .....	2002..	5	X	X	16 428
		1997..	4	X	X	D
3329133151	Deck faucet sink fittings, concealed type, without spray .....	2002..	6	X	X	19 358
		1997..	8	X	X	58 049
33291332	Other lavatory and sink fittings .....	2002..	N	X	X	260 867
		1997..	N	X	X	680 780
3329133201	Metallic and nonmetallic lavatory fittings (except basin cocks and single control), 4-in. center-set with pop-up drain .....	2002..	8	X	X	106 448
		1997..	17	X	X	234 389
3329133206	Metallic and nonmetallic lavatory fittings (except basin cocks and single control), 4-in. center-set without pop-up drain .....	2002..	6	X	X	14 220
		1997..	13	X	X	55 856
3329133211	Metallic and nonmetallic lavatory fittings (except basin cocks and single control), greater than 4 in., with pop-up drain .....	2002..	6	X	X	39 215
		1997..	14	X	X	72 219
3329133216	Metallic and nonmetallic lavatory fittings (except basin cocks and single control), greater than 4 in., without pop-up drain .....	2002..	4	X	X	D
		1997..	7	X	X	19 925
3329133221	Lavatory and sink basin cocks (one supply line only) .....	2002..	2	X	X	1 010

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332913	Plumbing fixture fitting and trim manufacturing—Con.				
3329133	Lavatory and sink fittings (except single control), including drains and overflows (brass goods)—Con.				
33291332	Other lavatory and sink fittings—Con.				
3329133221	Lavatory and sink basin cocks (one supply line only)—Con.				
		1997..	11	X	20 822
		2002..	4	X	D
		1997..	14	X	30 050
3329133226	Wallmount combination sink faucet fittings .....	2002..	2	X	D
		1997..	6	X	20 789
3329133256	Single sink faucet fittings (solid flanged female and adjustable male flange) .....	2002..	6	X	8 970
		1997..	18	X	56 624
3329133261	Other sink fittings (including sink strainers sold separately) .....	2002..	6	X	
		1997..	18	X	56 624
3329133266	Drains and overflows (metallic and nonmetallic), including pop-up drains for bath and shower, lavatory, and sink .....	2002..	11	X	42 322
		1997..	25	X	170 106
3329133Y	Lavatory and sink fittings (except single control), including drains and overflows (brass goods), nsk .....	2002..	N	X	30 268
		1997..	N	X	-
3329133YV	Lavatory and sink fittings (except single control), including drains and overflows (brass goods), nsk .....	2002..	N	X	30 268
		1997..	N	X	-
3329138	Miscellaneous plumbing fixtures, fittings, and trim (brass goods) .....	2002..	N	X	1 193 885
		1997..	N	X	N
33291381	Miscellaneous plumbing fixtures, fittings, and trim (brass goods) .....	2002..	N	X	1 081 289
		1997..	N	X	N
3329138101	IPS mechanical connecting plumbing fittings .....	2002..	4	X	D
		1997..	N	X	N
3329138106	Plumbing compression stops, including those with drains .....	millions, 2002..	7	X	57 710
		1997..	N	X	N
3329138111	Sediment, hydrant, lawn, hose bibs, and sill cock faucets .....	millions, 2002..	5	X	20 183
		1997..	N	X	N
3329138117	Metallic P-traps .....	2002..	7	X	29 958
		1997..	N	X	N
3329138118	Nonmetallic P-traps .....	2002..	3	X	D
		1997..	N	X	N
3329138122	Metallic S-traps .....	2002..	4	X	D
		1997..	N	X	N
3329138123	Nonmetallic S-traps .....	2002..	3	X	D
		1997..	N	X	N
3329138131	Flushometer valves and flush valves (for gravity-type flush tanks) .....	2002..	5	X	136 965
		1997..	N	X	N
3329138141	Other miscellaneous items and accessories, including water closet tank, flushing controls, double laundry-tray faucets, and solder connecting fittings .....	2002..	27	X	528 238
		1997..	N	X	N
33291382	Lawn sprinklers .....	2002..	N	X	36 125
		1997..	N	X	N
3329138226	Lawn sprinklers .....	2002..	4	X	36 125
		1997..	N	X	N
3329138Y	Miscellaneous plumbing fixtures, fittings, and trim (brass goods), nsk .....	2002..	N	X	76 471
		1997..	N	X	N
3329138YV	Miscellaneous plumbing fixtures, fittings, and trim (brass goods), nsk .....	2002..	N	X	76 471
		1997..	N	X	N
332913W	Plumbing fixture fitting and trim manufacturing, nsk, total .....	2002..	N	X	255 995
		1997..	N	X	2 662
332913WY	Plumbing fixture fitting and trim manufacturing, nsk, total .....	2002..	N	X	255 995
		1997..	N	X	2 662
332913WYV	Plumbing fixture fitting and trim manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	161 579
		1997..	N	X	2 662
332913WYVY	Plumbing fixture fitting and trim manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	94 416
		1997..	N	X	-
332919	Other metal valve and pipe fitting manufacturing .....	2002..	N	X	2 698 448
		1997..	N	X	2 619 007
3329191	Plumbing and heating valves and specialties, except plumbers' brass goods .....	2002..	N	X	553 253
		1997..	N	X	541 652
33291911	Metal aerosol valves .....	2002..	N	X	170 830
		1997..	N	X	146 728
3329191101	Metal aerosol valves .....	2002..	19	X	170 830
		1997..	13	X	146 728
33291912	Plumbing and heating valves, including specialties and parts .....	2002..	N	X	381 593
		1997..	N	X	389 598
3329191203	Plumbing and heating check valves, except plumbers' brass goods .....	2002..	10	X	39 832
		1997..	13	X	43 298
3329191207	Plumbing and heating valve specialties, except plumbers' brass goods .....	2002..	16	X	206 312
		1997..	16	X	213 197
3329191205	All other plumbing and heating valves (less than 125 lb w.s.p.), except plumbers' brass goods .....	2002..	18	X	121 243
		1997..	15	X	D
3329191209	Parts for plumbing and heating valves and specialties, except plumbers' brass goods .....	2002..	7	X	14 206
		1997..	7	X	D
3329191Y	Plumbing and heating valves and specialties, except plumbers' brass goods, nsk .....	2002..	N	X	830
		1997..	N	X	5 326
3329191YV	Plumbing and heating valves and specialties, except plumbers' brass goods, nsk .....	2002..	N	X	830

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
332919	Other metal valve and pipe fitting manufacturing—Con.					
3329191	Plumbing and heating valves and specialties, except plumbers' brass goods—Con.					
3329191Y	Plumbing and heating valves and specialties, except plumbers' brass goods, nsk—Con.					
3329191YVV	Plumbing and heating valves and specialties, except plumbers' brass goods, nsk—Con.					
		1997..	N	X	X	5 326
3329194	Metal fittings, flanges, and unions for piping systems .....	2002..	N	X	X	1 791 819
		1997..	N	X	X	N
33291941	Iron fittings, flanges, and unions for piping systems, including gray, malleable and ductile types .....	2002..	N	X	X	475 835
		1997..	N	X	X	N
3329194101	Gray iron fittings, flanges, and unions for piping systems .....	2002..	13	X	X	134 671
		1997..	N	X	X	N
3329194103	Gray iron grooved fittings and couplings for piping systems .....	2002..	3	X	X	77 188
		1997..	N	X	X	N
3329194108	Metal fittings, grooved fittings, flangs, and unions for piping systems .....	2002..	17	X	X	122 719
		1997..	N	X	X	N
3329194109	Malleable iron unions and union fittings for piping systems .....	2002..	2	X	X	D
		1997..	N	X	X	N
3329194111	Ductile iron fittings, flanges, and unions for piping systems .....	2002..	3	X	X	D
		1997..	N	X	X	N
3329194113	Ductile iron grooved fittings and couplings for piping systems .....	2002..	5	X	X	60 311
		1997..	N	X	X	N
33291942	Copper, copper alloy brass and bronze fittings, flanges, and unions for piping systems, including solder and threaded types .....	2002..	N	X	X	447 409
		1997..	N	X	X	N
3329194215	Cast brass or bronze fittings, flanges, and unions for piping systems, including solder and threaded types .....	2002..	19	X	X	93 997
		1997..	N	X	X	N
3329194217	Wrought copper and wrought copper alloy fittings, flanges, and unions for piping systems, including solder and threaded types .....	2002..	7	X	X	353 412
		1997..	N	X	X	N
33291943	Cast and forged carbon, alloy, stainless steel, and other metal fittings, flanges, and unions .....	2002..	N	X	X	839 176
		1997..	N	X	X	N
3329194319	Cast carbon and alloy steel fittings, flanges, and unions for piping systems .....	2002..	3	X	X	D
		1997..	N	X	X	N
3329194321	Forged carbon, alloy, and stainless steel fittings, flanges, and unions for piping systems, including socket-weld or threaded-type .....	2002..	17	X	X	125 000
		1997..	N	X	X	N
3329194323	Forged carbon steel butt-welding type flanges for piping systems .....	2002..	3	X	X	D
		1997..	N	X	X	N
3329194325	Forged alloy steel butt-welding type flanges for piping systems .....	2002..	2	X	X	D
		1997..	N	X	X	N
3329194327	Forged stainless steel butt-welding type flanges for piping systems .....	2002..	4	X	X	10 188
		1997..	N	X	X	N
3329194329	Forged carbon steel butt-welding type fittings for piping systems .....	2002..	5	X	X	2 887
		1997..	N	X	X	N
3329194331	Forged alloy steel butt-welding type fittings for piping systems .....	2002..	3	X	X	1 731
		1997..	N	X	X	N
3329194333	Forged stainless steel butt-welding type fittings for piping systems .....	2002..	10	X	X	27 790
		1997..	N	X	X	N
3329194335	Metal pipe couplings .....	2002..	22	X	X	188 398
		1997..	N	X	X	N
3329194336	Fire hose nozzles .....	2002..	3	X	X	D
		1997..	N	X	X	N
3329194337	Other metal fittings, flanges, and unions, including metal framing and fittings for mechanical and electrical supports .....	2002..	37	X	X	248 590
		1997..	N	X	X	N
3329194338	Other metal valves and pipe fittings .....	2002..	32	X	X	199 043
		1997..	N	X	X	N
3329194Y	Metal fittings, flanges, and unions for piping systems, nsk .....	2002..	N	X	X	29 399
		1997..	N	X	X	N
3329194YVV	Metal fittings, flanges, and unions for piping systems, nsk .....	2002..	N	X	X	29 399
		1997..	N	X	X	N
332919W	Other metal valve and pipe fitting manufacturing, nsk, total .....	2002..	N	X	X	353 376
		1997..	N	X	X	264 093
332919WY	Other metal valve and pipe fitting manufacturing, nsk, total .....	2002..	N	X	X	353 376
		1997..	N	X	X	264 093
332919WYWW	Other metal valve and pipe fitting manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	290 933
		1997..	N	X	X	220 443
332919WYWY	Other metal valve and pipe fitting manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	62 443
		1997..	N	X	X	43 650
332991	Ball and roller bearing manufacturing .....	2002..	N	X	X	5 680 889
		1997..	N	X	X	5 934 983
3329911	Ball bearings, complete, unmounted .....	2002..	N	X	X	1 977 805
		1997..	N	X	X	2 107 110
33299111	Ball bearings, complete, unmounted .....	2002..	N	X	X	1 977 805
		1997..	N	X	X	2 107 110
3329911100	Ball bearings, complete, unmounted <sup>92</sup> .....	2002..	47	X	X	1 977 805

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
332991	Ball and roller bearing manufacturing—Con.					
3329911	Ball bearings, complete, unmounted—Con.					
33299111	Ball bearings, complete, unmounted—Con.					
3329911100	Ball bearings, complete, unmounted <sup>32</sup> —Con.					
		1997..	51	X	X	2 107 110
3329913	Tapered roller bearings (including cups and cones), unmounted .....	2002..	N	X	X	1 475 464
		1997..	N	X	X	1 470 822
33299131	Tapered roller bearings (including cups and cones), unmounted .....	2002..	N	X	X	1 475 464
		1997..	N	X	X	1 470 822
3329913100	Tapered roller bearings (including cups and cones), unmounted <sup>32</sup> .....	2002..	17	X	X	1 475 464
		1997..	14	X	X	1 470 822
3329915	Other roller bearings, unmounted .....	2002..	N	X	X	1 049 849
		1997..	N	X	X	1 171 970
33299151	Other roller bearings, unmounted .....	2002..	N	X	X	1 049 849
		1997..	N	X	X	1 171 970
3329915100	Other roller bearings, unmounted <sup>32</sup> .....	2002..	23	X	X	1 049 849
		1997..	24	X	X	1 171 970
3329917	Mounted bearings (except plain) .....	2002..	N	X	X	482 840
		1997..	N	X	X	475 039
33299171	Mounted bearings (except plain) .....	2002..	N	X	X	482 840
		1997..	N	X	X	475 039
3329917100	Mounted bearings (except plain) <sup>32</sup> .....	2002..	17	X	X	482 840
		1997..	17	X	X	475 039
3329919	Parts and components for ball and roller bearings (including balls and rollers), sold separately (excluding cups and cones) .....	2002..	N	X	X	624 222
		1997..	N	X	X	648 035
33299191	Parts and components for ball and roller bearings (including balls and rollers), sold separately (excluding cups and cones) .....	2002..	N	X	X	624 222
		1997..	N	X	X	648 035
3329919100	Parts and components for ball and roller bearings (including balls and rollers), sold separately (excluding cups and cones) <sup>32</sup> .....	2002..	33	X	X	624 222
		1997..	35	X	X	648 035
332991W	Ball and roller bearing manufacturing, nsk, total .....	2002..	N	X	X	70 709
		1997..	N	X	X	62 007
332991WY	Ball and roller bearing manufacturing, nsk, total .....	2002..	N	X	X	70 709
		1997..	N	X	X	62 007
332991WYWW	Ball and roller bearing manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	39 737
		1997..	N	X	X	24 243
332991WYWY	Ball and roller bearing manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	30 972
		1997..	N	X	X	37 764
332992	Small arms ammunition manufacturing .....	2002..	N	X	X	889 841
		1997..	N	X	X	889 302
3329920	Small arms ammunition .....	2002..	N	X	X	889 841
		1997..	N	X	X	889 302
33299201	Rimfire rifle/pistol cartridges .....	2002..	N	X	X	86 819
		1997..	N	X	X	112 076
3329920101	Rimfire rifle/pistol cartridges .....	mil units, 2002..	9	X	X	86 819
		1997..	3	X	S	112 076
33299202	Centerfire rifle cartridges .....	2002..	N	X	X	135 824
		1997..	N	X	X	101 009
3329920206	Centerfire rifle cartridges .....	mil units, 2002..	8	X	X	345.8
		1997..	6	X	X	270.1
33299203	Centerfire pistols, including cartridges interchangeable between rifles and pistols (30 mm or less, 1.18 in. or less) .....	2002..	N	X	X	182 279
		1997..	N	X	X	166 664
3329920311	Centerfire pistols, including cartridges interchangeable between rifles and pistols (30 mm or less, 1.18 in. or less) .....	mil units, 2002..	6	X	X	1 424.7
		1997..	8	X	X	1 148.7
33299204	Shotgun shells .....	2002..	N	X	X	218 116
		1997..	N	X	X	187 936
3329920416	Shotgun shells .....	mil units, 2002..	8	X	X	1 191.6
		1997..	4	X	X	1 018.9
33299205	Small arms ammunition primers (30 mm or less, 1.18 in. or less) .....	2002..	N	X	X	27 029
		1997..	N	X	X	28 295
3329920521	Small arms ammunition primers (30 mm or less, 1.18 in. or less) .....	mil units, 2002..	5	X	X	2 043.0
		1997..	4	X	X	2 221.6
33299206	All other ammunition components .....	2002..	N	X	X	102 866
		1997..	N	X	X	157 183
3329920626	All other ammunition components .....	2002..	18	X	X	102 866
		1997..	21	X	X	157 183
33299207	Other ammunition products, including industrial shells and cartridges, air gun ammunition, percussion caps .....	2002..	N	X	X	106 833
		1997..	N	X	X	101 388
3329920731	Other ammunition products, including industrial shells and cartridges, air gun ammunition, percussion caps .....	2002..	16	X	X	106 833
		1997..	13	X	X	101 388
3329920Y	Small arms ammunition, nsk, total .....	2002..	N	X	X	50 075
		1997..	N	X	X	34 751
3329920YWW	Small arms ammunition, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	17 656
		1997..	N	X	X	13 311
3329920YWY	Small arms ammunition, nsk, for administrative-record establishments .....	2002..	N	X	X	32 419
		1997..	N	X	X	21 440
332993	Ammunition (except small arms) manufacturing .....	2002..	N	X	X	798 819

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332993	Ammunition (except small arms) manufacturing—Con.				
	1997..	N	X	X	1 300 772
3329931	Artillery ammunition (more than 30 mm, more than 1.18 in.)	2002..	N	X	460 977
	1997..	N	X	X	647 163
33299311	Artillery ammunition	2002..	N	X	460 889
	1997..	N	X	X	647 163
3329931101	Complete artillery rounds, loaded (more than 30 mm, more than 1.18 in.)	2002..	6	X	159 695
	1997..	6	X	X	279 288
3329931106	Artillery ammunition steel cases only (more than 30 mm, more than 1.18 in.)	2002..	4	X	D
	1997..	4	X	X	29 462
3329931111	Artillery ammunition projectile metal parts (more than 30 mm, more than 1.18 in.)	2002..	3	X	2 260
	1997..	4	X	X	115 359
3329931116	Other artillery ammunition components, including primers, fuses, boosters, and nonsteel cases (more than 30 mm, more than 1.18 in.)	2002..	12	X	196 839
	1997..	13	X	X	154 979
3329931121	Receipts for artillery ammunition loading and assembly	2002..	2	X	D
	1997..	5	X	X	68 075
3329931Y	Artillery ammunition (more than 30 mm, more than 1.18 in.), nsk	2002..	N	X	88
	1997..	N	X	X	—
3329931YVW	Artillery ammunition (more than 30 mm, more than 1.18 in.), nsk	2002..	N	X	88
	1997..	N	X	X	—
3329933	All other miscellaneous ammunition (except for small arms)	2002..	N	X	332 492
	1997..	N	X	X	651 375
33299331	Bombs, depth charges, mines, torpedoes, etc., and parts	2002..	N	X	213 594
	1997..	N	X	X	440 346
3329933101	Bombs, depth charges, mines, torpedoes, etc., and parts	2002..	11	X	213 594
	1997..	18	X	X	440 346
33299332	Rockets (other than guided missiles) and parts	2002..	N	X	117 959
	1997..	N	X	X	211 029
3329933206	Rockets (other than guided missiles) and parts	2002..	8	X	117 959
	1997..	10	X	X	211 029
3329933Y	All other miscellaneous ammunition (except for small arms), nsk	2002..	N	X	939
	1997..	N	X	X	—
3329933YVW	All other miscellaneous ammunition (except for small arms), nsk	2002..	N	X	939
	1997..	N	X	X	—
332993W	Ammunition (except small arms) manufacturing, nsk, total	2002..	N	X	5 350
	1997..	N	X	X	2 234
332993WY	Ammunition (except small arms) manufacturing, nsk, total	2002..	N	X	5 350
	1997..	N	X	X	2 234
332993WYVW	Ammunition (except small arms) manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	774
	1997..	N	X	X	—
332993WYVY	Ammunition (except small arms) manufacturing, nsk, for administrative-record establishments	2002..	N	X	4 576
	1997..	N	X	X	2 234
332994	Small arms manufacturing	2002..	N	X	1 566 473
	1997..	N	X	X	1 172 618
3329941	Machine guns (30 mm or less, 1.18 in. or less)	2002..	N	X	D
	1997..	N	X	X	109 852
33299411	Machine guns (30 mm or less, 1.18 in. or less)	2002..	N	X	D
	1997..	N	X	X	109 852
3329941100	Machine guns (30 mm or less, 1.18 in. or less) mil units	2002..	4	X	D
	1997..	3	X	S	109 852
3329944	Small arms (30 mm or less, 1.18 in. or less)	2002..	N	X	D
	1997..	N	X	X	N
33299441	Centerfire pistols and revolvers	2002..	N	X	201 796
	1997..	N	X	X	N
3329944101	Centerfire pistols and revolvers mil units	2002..	10	X	201 796
	1997..	N	X	N	N
33299442	All other centerfire pistols and revolvers	2002..	N	X	33 151
	1997..	N	X	X	N
3329944206	All other centerfire pistols and revolvers mil units	2002..	8	X	33 151
	1997..	N	X	N	N
33299443	Rimfire pistols and revolvers	2002..	N	X	D
	1997..	N	X	X	N
3329944311	Rimfire pistols and revolvers mil units	2002..	6	X	D
	1997..	N	X	N	N
33299444	Rifles	2002..	N	X	421 208
	1997..	N	X	X	N
3329944416	Centerfire semiautomatic rifles mil units	2002..	12	X	100 563
	1997..	N	X	N	N
3329944421	Centerfire bolt repeater rifles mil units	2002..	6	X	148 890
	1997..	N	X	N	N
3329944426	All other centerfire rifles mil units	2002..	13	X	138 196
	1997..	N	X	N	N
3329944431	Rimfire rifles mil units	2002..	7	X	33 559
	1997..	N	X	N	N
33299445	Single barrel shotguns and other small firearms, including parts and attachments for small firearms	2002..	N	X	549 878
	1997..	N	X	X	N
3329944536	Single barrel shotguns mil units	2002..	7	X	187 253
	1997..	N	X	N	N
3329944541	Other small firearms (including double barrel shotguns, combination rifle-shotguns, and tranquilizer guns)	2002..	23	X	219 754
	1997..	N	X	X	N
3329944546	Parts and attachments for small firearms	2002..	44	X	142 871
	1997..	N	X	X	N
3329944Y	Small arms (30 mm or less, 1.18 in. or less), nsk	2002..	N	X	135

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332994	Small arms manufacturing—Con.				
3329944	Small arms (30 mm or less, 1.18 in. or less)—Con.				
3329944Y	Small arms (30 mm or less, 1.18 in. or less), nsk—Con.				
3329944YVW	Small arms (30 mm or less, 1.18 in. or less), nsk	1997.. N 2002.. N 1997.. N	X X X	X X X	N 135 N
332994W	Small arms manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	68 061 54 036
332994WY	Small arms manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	68 061 54 036
332994WYVW	Small arms manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	21 301 —
332994WYVY	Small arms manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	46 760 54 036
332995	Other ordnance and accessories manufacturing	2002.. N 1997.. N	X X	X X	1 345 928 1 149 128
3329951	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.))	2002.. N 1997.. N	X X	X X	739 881 705 785
33299511	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.))	2002.. N 1997.. N	X X	X X	717 869 705 785
3329951110	Guns, howitzers, turrets (except aircraft turrets & turret drives), mounts, carriages (except self-propelled), mortars, and assembled and recoilless rifles (more than 30 mm (1.18 in.))	2002.. 8 1997.. N	X X	X X	652 222 N
3329951116	Parts and other related equipment for heavy weapons (more than 30 mm (1.18 in.))	2002.. 9 1997.. 15	X X	X X	65 647 D
3329951Y	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.)), nsk	2002.. N 1997.. N	X X	X X	22 012 —
3329951YVW	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.)), nsk	2002.. N 1997.. N	X X	X X	22 012 —
3329952	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts)	2002.. N 1997.. N	X X	X X	583 556 421 646
33299521	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts)	2002.. N 1997.. N	X X	X X	583 556 421 646
3329952100	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts)	2002.. 29 1997.. 34	X X	X X	583 556 421 646
332995W	Other ordnance and accessories manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	22 491 21 697
332995WY	Other ordnance and accessories manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	22 491 21 697
332995WYVW	Other ordnance and accessories manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	10 946 —
332995WYVY	Other ordnance and accessories manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	11 545 21 697
332996	Fabricated pipe and pipe fitting manufacturing	2002.. N 1997.. N	X X	X X	3 637 411 4 089 651
3329960	Fabricated pipe and pipe fittings made from purchased pipe	2002.. N 1997.. N	X X	X X	3 637 411 N
33299601	Fabricated iron and steel pipe and pipe fittings made from purchased pipe	2002.. N 1997.. N	X X	X X	2 349 678 N
3329960101	Fabricated iron and steel pipe and pipe fittings made from purchased pipe	2002.. 321 1997.. N	X X	X X	2 349 678 N
33299602	All other nonferrous fabricated pipe and pipe fittings made from purchased pipe	2002.. N 1997.. N	X X	X X	424 702 N
3329960203	Fabricated aluminum and aluminum-base alloy pipe and pipe fittings made from purchased pipe	2002.. 35 1997.. N	X X	X X	73 097 N
3329960205	Fabricated copper and copper-base alloy pipe and pipe fittings made from purchased pipe	2002.. 20 1997.. N	X X	X X	38 257 N
3329960207	All other nonferrous fabricated pipe and pipe fittings made from purchased pipe	2002.. 51 1997.. N	X X	X X	313 348 N
3329960Y	Fabricated pipes and pipe fitting manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	863 031 N
3329960YVW	Fabricated pipes and pipe fitting manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	719 540 N
3329960YVY	Fabricated pipes and pipe fitting manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	143 491 N
332997	Industrial pattern manufacturing	2002.. N 1997.. N	X X	X X	614 709 815 026

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332997	Industrial pattern manufacturing—Con.				
3329970	Industrial patterns .....	2002.. N	X	X	614 709
		1997.. N	X	X	815 026
33299701	Foundry patterns .....	2002.. N	X	X	388 187
		1997.. N	X	X	596 403
3329970101	Foundry patterns .....	2002.. 366	X	X	388 187
		1997.. 534	X	X	596 403
33299702	All other industrial patterns (except shoe patterns) .....	2002.. N	X	X	131 749
		1997.. N	X	X	125 448
3329970206	All other industrial patterns (except shoe patterns) .....	2002.. 65	X	X	131 749
		1997.. 92	X	X	125 448
3329970Y	Industrial patterns, nsk, total .....	2002.. N	X	X	94 773
		1997.. N	X	X	93 175
3329970YWW	Industrial patterns, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	54 409
		1997.. N	X	X	50 751
3329970YWY	Industrial patterns, nsk, for administrative-record establishments .....	2002.. N	X	X	40 364
		1997.. N	X	X	42 424
332998	Enameled iron and metal sanitary ware manufacturing .....	2002.. N	X	X	1 197 439
		1997.. N	X	X	1 233 656
3329980	Enameled iron and metal sanitary ware .....	2002.. N	X	X	1 197 439
		1997.. N	X	X	1 233 656
33299801	Enameled iron and metal plumbing fixtures .....	2002.. N	X	X	1 025 394
		1997.. N	X	X	1 074 016
3329980110	Enameled iron and metal plumbing fixtures .....	2002.. 23	X	X	1 025 394
		1997.. 34	X	X	1 074 016
33299802	Other enameled iron and metal plumbing fixtures, including portable chemical toilets, water closet tanks, etc. ....	2002.. N	X	X	92 661
		1997.. N	X	X	97 096
3329980290	Other enameled iron and metal plumbing fixtures, including portable chemical toilets, water closet tanks, etc. ....	2002.. 10	X	X	92 661
		1997.. 11	X	X	97 096
3329980Y	Enameled iron and metal sanitary ware, nsk, total .....	2002.. N	X	X	79 384
		1997.. N	X	X	62 544
3329980YWW	Enameled iron and metal sanitary ware, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	41 693
		1997.. N	X	X	18 735
3329980YWY	Enameled iron and metal sanitary ware, nsk, for administrative-record establishments .....	2002.. N	X	X	37 691
		1997.. N	X	X	43 809
332999	All other miscellaneous fabricated metal product manufacturing .....	2002.. N	X	X	11 643 762
		1997.. N	X	X	9 986 278
3329992	Converted unmounted aluminum foil packaging products .....	2002.. N	X	X	736 476
		1997.. N	X	X	N
33299921	Converted unmounted aluminum foil flexible packaging products, including gift wrap .....	2002.. N	X	X	725 597
		1997.. N	X	X	N
3329992102	Converted unmounted aluminum foil for packaging products (not laminated to other materials) .....	mil lb. 2002.. 11	X	S	468 124
		1997.. N	X	N	N
3329992107	Coated foil .001 to .003 inch thickness .....	mil lb. 2002.. 8	X	9115.7	214 001
		1997.. N	X	N	N
3329992112	Coated foil greater than .003 inch thickness .....	mil lb. 2002.. 6	X	S	43 472
		1997.. N	X	N	N
3329992Y	Converted unmounted aluminum foil packaging products, nsk .....	2002.. N	X	X	10 879
		1997.. N	X	X	N
3329992YWW	Converted unmounted aluminum foil packaging products, nsk .....	2002.. N	X	X	10 879
		1997.. N	X	X	N
3329995	Miscellaneous machinery products .....	2002.. N	X	X	1 327 506
		1997.. N	X	X	N
33299951	Flexible steel hose and tubing, including aluminum, stainless steel, and other types .....	2002.. N	X	X	1 319 496
		1997.. N	X	X	N
3329995101	Flexible copper and copper-base alloy hose and tubing .....	2002.. 62	X	X	158 519
		1997.. N	X	X	N
3329995106	Flexible aluminum and aluminum-base alloy hose and tubing .....	2002.. 151	X	X	403 158
		1997.. N	X	X	N
3329995111	Flexible stainless steel hose and tubing .....	2002.. 165	X	X	510 491
		1997.. N	X	X	N
3329995116	Other flexible metal hose and tubing .....	2002.. 120	X	X	247 328
		1997.. N	X	X	N
3329995Y	Miscellaneous machinery products, nsk .....	2002.. N	X	X	8 010
		1997.. N	X	X	N
3329995YWW	Miscellaneous machinery products, nsk .....	2002.. N	X	X	8 010
		1997.. N	X	X	N
3329997	Fabricated metal collapsible tubes .....	2002.. N	X	X	72 277
		1997.. N	X	X	53 062
33299971	Fabricated metal collapsible tubes .....	2002.. N	X	X	63 082
		1997.. N	X	X	52 016
3329997101	Fabricated collapsible aluminum tubes .....	2002.. 9	X	X	53 144
		1997.. 9	X	X	40 885
3329997106	Other fabricated collapsible metal tubes, including tin, tin-coated, tin-lead alloy, and lead .....	2002.. 4	X	X	9 938
		1997.. 6	X	X	11 131
3329997Y	Fabricated metal collapsible tubes, nsk .....	2002.. N	X	X	9 195
		1997.. N	X	X	1 046
3329997YWW	Fabricated metal collapsible tubes, nsk .....	2002.. N	X	X	9 195
		1997.. N	X	X	1 046
3329999	Flat metal strapping .....	2002.. N	X	X	395 971
		1997.. N	X	X	349 386
33299991	Flat metal strapping .....	2002.. N	X	X	395 971

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332999	All other miscellaneous fabricated metal product manufacturing—Con.				
3329999	Flat metal strapping—Con.				
33299991	Flat metal strapping—Con.				
3329999100	Flat metal strapping . . . . . 1,000 s tons.	1997 . . . . . N 2002 . . . . . 21 1997 . . . . . 15	X X X	X S S	349 386 395 971 349 386
332999B	Metal ladders . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	338 749 N
332999B1	Metal step, platform, and rung-type ladders, metal ladder-type step stools, and ladder accessories . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	338 708 N
332999B101	Metal step and platform ladders . . . . .	2002 . . . . . 30 1997 . . . . . N	X X	X X	119 642 N
332999B106	Metal rung-type ladders (single, trestle, extension, sectional, etc.) . . . . .	2002 . . . . . 12 1997 . . . . . N	X X	X X	139 507 N
332999B111	Metal ladder-type step stools . . . . .	2002 . . . . . 3 1997 . . . . . N	X X	X X	2 466 N
332999B121	Metal ladder accessories, including levelers, ladder feet, ladder jacks, roof hooks, bucket shelves, etc. . . . .	2002 . . . . . 15 1997 . . . . . N	X X	X X	77 093 N
332999BY	Metal ladders, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	41 N
332999BYWV	Metal ladders, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	41 N
332999H	All other miscellaneous fabricated metal products . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	5 573 810 N
332999H1	Metal fittings, flanges, and unions for piping systems . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	662 183 N
332999H101	Permanent magnets, except ceramic permanent magnets . . . . .	2002 . . . . . 50 1997 . . . . . N	X X	X X	421 618 N
332999H106	Fabricated assemblies of railroad frogs, switches, and crossings . . . . .	2002 . . . . . 11 1997 . . . . . N	X X	X X	89 907 N
332999H189	Metal pipe hangers and supports (except metal framing) . . . . .	2002 . . . . . 34 1997 . . . . . N	X X	X X	150 658 N
332999H2	Hollowware . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	102 841 N
332999H201	Electrosilverplated hollowware, electrosilverplated to a nonprecious (except pewter) metal base, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies . . . . .	2002 . . . . . 9 1997 . . . . . N	X X	X X	51 074 N
332999H206	Hollowware, precious and nonprecious metal plated to a nonprecious (except pewter) metal base, excluding electrosilverplated hollowware, including baby goods, ecclesiastical ware, and trophies . . . . .	2002 . . . . . 10 1997 . . . . . N	X X	X X	40 156 N
332999H211	Electrosilverplated hollowware, electrosilverplated to a precious metal or pewter base, including baby goods, ecclesiastical ware, novelties, toiletware, and trophies . . . . .	2002 . . . . . 3 1997 . . . . . N	X X	X X	D N
332999H216	Unplated hollowware of other metals (including stainless steel) . . . . .	2002 . . . . . 12 1997 . . . . . N	X X	X X	D N
332999H3	All other fabricated metal products . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	4 758 410 N
332999H301	Stamped metal wheels for golf carts, lawn mowers, etc. (disc type) . . . . .	2002 . . . . . 92 1997 . . . . . N	X X	X X	689 506 N
332999H303	Metal spools and reels . . . . .	2002 . . . . . 21 1997 . . . . . N	X X	X X	68 177 N
332999H305	Metal pallets and skids (excluding wood and metal combinations) . . . . .	2002 . . . . . 16 1997 . . . . . N	X X	X X	20 987 N
332999H306	Miscellaneous fabricated products, made primarily of metal (combs and hair curlers, etc.) . . . . .	2002 . . . . . 224 1997 . . . . . N	X X	X X	765 010 N
332999H313	Steel wool . . . . .	2002 . . . . . 3 1997 . . . . . N	X X	X X	D N
332999H316	Metal scouring pads, including those with soap . . . . .	2002 . . . . . 4 1997 . . . . . N	X X	X X	D N
332999H319	Fabricated metal safes and vaults (fire-resistive and burglary-resistive) . . . . .	2002 . . . . . 15 1997 . . . . . N	X X	X X	173 293 N
332999H320	Fabricated metal safe deposit boxes . . . . . number.	2002 . . . . . 6 1997 . . . . . N	X X	S N	35 061 N
332999H321	All other fabricated metal bank and security vaults and equipment (including bank security lockers, night depositories, etc.) . . . . .	2002 . . . . . 12 1997 . . . . . N	X X	X X	59 568 N
332999H322	Fireplace fixtures and equipment (including irons, screens, tongs, and other fire tools) . . . . .	2002 . . . . . 16 1997 . . . . . N	X X	X X	63 520 N
332999H325	Traps, handcuffs and leg irons . . . . .	2002 . . . . . 2 1997 . . . . . N	X X	X X	D N
332999H397	All other fabricated metal products (including metal ironing boards and metal memorial tablets and grave markers) . . . . .	2002 . . . . . 405 1997 . . . . . N	X X	X X	2 815 539 N
332999HY	All other miscellaneous fabricated metal products, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	50 376 N
332999HYWV	All other miscellaneous fabricated metal products, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	50 376 N
332999W	All other miscellaneous fabricated metal product manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 198 973 1 275 933

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
332999	All other miscellaneous fabricated metal product manufacturing—Con.				
332999W	All other miscellaneous fabricated metal product manufacturing, nsk, total—Con.				
332999WY	All other miscellaneous fabricated metal product manufacturing, nsk, total	2002.. N	X	X	3 198 973
		1997.. N	X	X	1 275 933
332999WYWW	All other miscellaneous fabricated metal product manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	2 697 033
		1997.. N	X	X	923 685
332999WYWY	All other miscellaneous fabricated metal product manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	501 940
		1997.. N	X	X	352 248
333111	Farm machinery and equipment manufacturing	2002.. N	X	X	13 732 574
		1997.. N	X	X	15 006 901
33311111	Farm-type (power take-off hp) wheel tractors (2- and 4-wheel drive) (sold with or without attachments)	2002.. N	X	X	3 662 954
		1997.. N	X	X	3 856 907
333111111	Farm-type (power take-off hp) wheel tractors (2- and 4-wheel drive) (sold with or without attachments)	2002.. N	X	X	3 662 954
		1997.. N	X	X	3 856 907
33311111100	Farm-type (power take-off hp) wheel tractors (2- and 4-wheel drive) (sold with or without attachments) <sup>33</sup>	2002.. 23	X	X	3 662 954
		1997.. 20	X	X	3 856 907
33311114	Farm dairy equipment, sprayers and dusters (except aerial types), farm blowers, and attachments	2002.. N	X	X	662 506
		1997.. N	X	X	N
333111141	Farm dairy equipment, sprayers and dusters (except aerial types), farm blowers, and attachments	2002.. N	X	X	662 506
		1997.. N	X	X	N
33311114100	Farm dairy equipment, sprayers and dusters (except aerial types), farm blowers, and attachments <sup>33</sup>	2002.. 52	X	X	662 506
		1997.. N	X	X	N
33311117	Planting, seeding, and fertilizing machinery and attachments, excluding turf machinery	2002.. N	X	X	786 340
		1997.. N	X	X	1 080 018
333111171	Planting, seeding, and fertilizing machinery and attachments, excluding turf machinery	2002.. N	X	X	786 340
		1997.. N	X	X	1 080 018
33311117100	Planting, seeding, and fertilizing machinery and attachments, excluding turf machinery <sup>33</sup>	2002.. 93	X	X	786 340
		1997.. 96	X	X	1 080 018
33311119	Harvesting machinery (except hay and straw) and attachments	2002.. N	X	X	1 809 554
		1997.. N	X	X	2 970 346
333111191	Harvesting machinery (except hay and straw) and attachments	2002.. N	X	X	1 809 554
		1997.. N	X	X	2 970 346
33311119100	Harvesting machinery (except hay and straw) and attachments <sup>33</sup>	2002.. 64	X	X	1 809 554
		1997.. 107	X	X	2 970 346
3331111A	Haying machinery and attachments	2002.. N	X	X	919 706
		1997.. N	X	X	664 378
3331111A1	Haying machinery and attachments	2002.. N	X	X	919 706
		1997.. N	X	X	664 378
3331111A100	Haying machinery and attachments <sup>33</sup>	2002.. 30	X	X	919 706
		1997.. 53	X	X	664 378
3331111C	Parts for farm machinery, for sale separately	2002.. N	X	X	1 461 569
		1997.. N	X	X	1 425 475
3331111C1	Parts for farm-type wheel tractors (except operator cabs), for sale separately	2002.. N	X	X	554 979
		1997.. N	X	X	584 948
3331111C110	Parts for farm-type wheel tractors (except operator cabs), for sale separately <sup>33</sup>	2002.. 40	X	X	554 979
		1997.. 55	X	X	584 948
3331111C2	Other parts for farm machinery (except for wheel tractors), including operator cabs, for sale separately	2002.. N	X	X	681 927
		1997.. N	X	X	801 417
3331111C220	Other parts for farm machinery (except for wheel tractors), including operator cabs, for sale separately <sup>33</sup>	2002.. 140	X	X	681 927
		1997.. 190	X	X	801 417
3331111CY	Parts for farm machinery, for sale separately, nsk	2002.. N	X	X	224 663
		1997.. N	X	X	39 110
3331111CYWV	Parts for farm machinery, for sale separately, nsk	2002.. N	X	X	224 663
		1997.. N	X	X	39 110
3331111E	Farm plows (including plowshares, primary tillage), harrows, rollers, pulverizers, and cultivators and weeders, and attachments	2002.. N	X	X	346 152
		1997.. N	X	X	608 954
3331111E1	Farm plows (including plowshares, primary tillage), harrows, rollers, pulverizers, and cultivators and weeders, and attachments	2002.. N	X	X	346 152
		1997.. N	X	X	608 954
3331111E100	Farm plows (including plowshares, primary tillage), harrows, rollers, pulverizers, and cultivators and weeders, and attachments <sup>33</sup>	2002.. 53	X	X	346 152
		1997.. 107	X	X	608 954
3331111G	All other farm machinery and equipment (excluding parts), including attachments	2002.. N	X	X	2 003 254
		1997.. N	X	X	1 836 550

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333111	Farm machinery and equipment manufacturing—Con.				
333111G	All other farm machinery and equipment (excluding parts), including attachments—Con.				
333111G1	All other farm machinery and equipment (excluding parts), including attachments	2002.. N 1997.. N	X X	X X	2 003 254 1 836 550
333111G100	All other farm machinery and equipment (excluding parts), including attachments <sup>33</sup>	2002.. 201 1997.. 238	X X	X X	2 003 254 1 836 550
333111J	Commercial turf and grounds care equipment, including parts and attachments	2002.. N 1997.. N	X X	X X	1 551 951 1 340 221
333111J1	Commercial turf and grounds care equipment, including parts and attachments	2002.. N 1997.. N	X X	X X	1 551 951 1 340 221
333111J100	Commercial turf and grounds care equipment, including parts and attachments <sup>33</sup>	2002.. 75 1997.. 77	X X	X X	1 551 951 1 340 221
333111W	Farm machinery and equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	528 588 478 747
333111WY	Farm machinery and equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	528 588 478 747
333111WYWW	Farm machinery and equipment manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	149 808 263 367
333111WYWY	Farm machinery and equipment manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	378 780 215 380
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	2002.. N 1997.. N	X X	X X	6 475 889 6 283 652
3331121	Consumer nonriding lawn, garden, and snow equipment	2002.. N 1997.. N	X X	X X	2 809 875 2 875 961
33311211	Consumer nonriding lawn, garden, and snow equipment	2002.. N 1997.. N	X X	X X	2 809 875 2 875 961
3331121100	Consumer nonriding lawn, garden, and snow equipment <sup>33</sup>	2002.. 55 1997.. 44	X X	X X	2 809 875 2 875 961
3331123	Consumer riding lawn, garden, and snow equipment	2002.. N 1997.. N	X X	X X	2 827 539 2 516 613
33311231	Consumer riding lawn, garden, and snow equipment	2002.. N 1997.. N	X X	X X	2 827 539 2 516 613
3331123100	Consumer riding lawn, garden, and snow equipment <sup>33</sup>	2002.. 29 1997.. 29	X X	X X	2 827 539 2 516 613
3331127	Parts and attachments for consumer lawn, garden, and snow equipment	2002.. N 1997.. N	X X	X X	748 915 816 253
33311271	Parts and attachments for consumer lawn, garden, and snow equipment	2002.. N 1997.. N	X X	X X	748 915 816 253
3331127100	Parts and attachments for consumer lawn, garden, and snow equipment <sup>33</sup>	2002.. 58 1997.. 65	X X	X X	748 915 816 253
333112W	Lawn and garden tractor and home lawn and garden equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	89 560 74 825
333112WY	Lawn and garden tractor and home lawn and garden equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	89 560 74 825
333112WYWW	Lawn and garden tractor and home lawn and garden equipment manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	28 348 25 355
333112WYWY	Lawn and garden tractor and home lawn and garden equipment manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	61 212 49 470
333120	Construction machinery manufacturing	2002.. N 1997.. N	X X	X X	16 585 832 19 287 496
3331201	Power cranes, excavation loaders, dozers, construction tractors, off-highway trucks and trailers, mixers, pavers, backhoes, and related equipment	2002.. N 1997.. N	X X	X X	12 008 630 13 693 995
33312011	Power cranes, draglines, and shovels (excavators) (including surface mining equipment and attachments) (excluding parts)	2002.. N 1997.. N	X X	X X	2 641 013 3 035 538
3331201110	Power cranes, draglines, and shovels (excavators) (including surface mining equipment and attachments) (excluding parts) <sup>34</sup>	2002.. 57 1997.. 57	X X	X X	2 641 013 3 035 538
33312012	Mixers, pavers, and related equipment (excluding parts)	2002.. N 1997.. N	X X	X X	1 154 757 1 261 445
3331201220	Mixers, pavers, and related equipment (excluding parts) <sup>34</sup>	2002.. 67 1997.. 76	X X	X X	1 154 757 1 261 445
33312013	Off-highway trucks, coal haulers, truck-type tractor chassis, trailers and wagons (excluding parts)	2002.. N 1997.. N	X X	X X	948 082 1 288 613
3331201330	Off-highway trucks, coal haulers, truck-type tractor chassis, trailers and wagons (excluding parts) <sup>34</sup>	2002.. 27 1997.. 34	X X	X X	948 082 1 288 613

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333120	Construction machinery manufacturing—Con.				
3331201	Power cranes, excavation loaders, dozers, construction tractors, off-highway trucks and trailers, mixers, pavers, backhoes, and related equipment—Con.				
33312014	Tractor shovel loaders (skid steer, wheel, and crawler, and integral-design loader-backhoes) .....	2002.. N 1997.. N	X X	X X	1 290 786 2 829 877
3331201440	Tractor shovel loaders (skid steer, wheel, and crawler, and integral-design loader-backhoes) <sup>34</sup> .....	2002.. 14 1997.. 22	X X	X X	1 290 786 2 829 877
33312015	Construction wheel and crawler tractors, dozers, and self-propelled log skidders .....	2002.. N 1997.. N	X X	X X	4 106 899 2 678 905
3331201550	Construction wheel and crawler tractors, dozers, and self-propelled log skidders <sup>34</sup> .....	2002.. 21 1997.. 22	X X	X X	4 106 899 2 678 905
33312016	Motor graders and light maintainers, including rollers and compactors, rough-terrain forklifts, scraper bowls, and self-propelled continuous ditchers and trenchers (except parts) .....	2002.. N 1997.. N	X X	X X	1 313 075 2 068 782
3331201660	Motor graders and light maintainers, including rollers and compactors, rough-terrain forklifts, scraper bowls, and self-propelled continuous ditchers and trenchers (except parts) <sup>34</sup> .....	2002.. 35 1997.. 56	X X	X X	1 313 075 2 068 782
33312017	Construction machinery for mounting on tractors and other prime movers (excluding parts, winches, and snow clearing attachments) .....	2002.. N 1997.. N	X X	X X	529 991 525 023
3331201770	Construction machinery for mounting on tractors and other prime movers (excluding parts, winches, and snow clearing attachments) <sup>34</sup> .....	2002.. 55 1997.. 47	X X	X X	529 991 525 023
3331201Y	Power cranes, excavation loaders, dozers, construction tractors, off-highway trucks and trailers, mixers, pavers, backhoes, and related equipment, nsk .....	2002.. N 1997.. N	X X	X X	24 027 5 812
3331201YVV	Motor graders and light maintainers, rollers and compactors, rough-terrain forklifts, scraper bowls, and self-propelled continuous ditchers and trenchers, except parts .....	2002.. N 1997.. N	X X	X X	24 027 5 812
3331208	Other construction machinery and equipment (excluding parts) .....	2002.. N 1997.. N	X X	X X	1 740 291 2 122 257
33312081	Other construction machinery and equipment (excluding parts) .....	2002.. N 1997.. N	X X	X X	1 727 975 2 094 867
3331208110	Portable crushing plants, screening plants, washing plants, and combination plants (excluding parts) .....	2002.. 28 1997.. 21	X X	X X	138 764 168 287
3331208115	Snow clearing attachments for mounting on tractors or trucks (except rotary snow blowers), including snow plows, etc. (excluding parts) .....	2002.. 31 1997.. 32	X X	X X	278 454 272 596
3331208126	Commercial brush, limb, and log chippers for waste wood reduction (excluding parts) .....	2002.. 19 1997.. 13	X X	X X	200 790 130 305
3331208127	Log splitters (excluding parts) .....	2002.. 4 1997.. 5	X X	X X	D 13 023
3331208135	Dredging machinery, hydraulic and other types (excluding parts) .....	2002.. 5 1997.. 6	X X	X X	D 24 431
3331208144	Digger-derricks (excluding parts) .....	2002.. 5 1997.. 7	X X	X X	D 87 424
3331208148	Vertical earth augers and power posthole diggers, excluding water well and blasthole drills (excluding parts) .....	2002.. 15 1997.. 17	X X	X X	111 710 34 848
3331208152	Horizontal earth boring machines and accessories (excluding parts) .....	2002.. 12 1997.. 11	X X	X X	104 378 176 916
3331208156	Pile driving equipment (including air, steam, and diesel pile hammers and impact pile and vibratory driver extractors) (excluding parts) .....	2002.. 6 1997.. 8	X X	X X	35 594 21 560
3331208199	All other construction machinery and equipment, complete units .....	2002.. 82 1997.. 67	X X	X X	688 109 1 165 477
3331208Y	Other construction machinery and equipment (excluding parts), nsk .....	2002.. N 1997.. N	X X	X X	12 316 27 390
3331208YVV	Other construction machinery and equipment (excluding parts), nsk .....	2002.. N 1997.. N	X X	X X	12 316 27 390
3331209	Parts for construction machinery and equipment, sold separately .....	2002.. N 1997.. N	X X	X X	2 269 625 2 968 564
33312091	Parts for power cranes, draglines, and shovels (excavators) (including surface mining equipment) (sold separately) .....	2002.. N 1997.. N	X X	X X	625 277 538 500
3331209111	Parts for power cranes, draglines, and shovels (excavators) (including surface mining equipment) (sold separately) .....	2002.. 52 1997.. 47	X X	X X	625 277 538 500
33312092	Parts for contractors' off-highway wheel tractors, crawler tractors, and tractor shovel loaders (sold separately) .....	2002.. N 1997.. N	X X	X X	560 143 940 000
3331209245	Parts for contractors' off-highway wheel tractors, crawler tractors, and tractor shovel loaders (sold separately) .....	2002.. 34 1997.. 41	X X	X X	560 143 940 000

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333120	Construction machinery manufacturing—Con.				
3331209	Parts for construction machinery and equipment, sold separately—Con.				
33312093	Parts for other construction machinery	2002.. N 1997.. N	X X	X X	981 345 1 421 630
3331209352	Parts for mixers, pavers, and related equipment (sold separately)	2002.. 41 1997.. 44	X X	X X	160 114 211 634
3331209353	Parts for off-highway trucks, coal haulers, truck-type tractor chassis, trailers and wagons (sold separately)	2002.. 26 1997.. 23	X X	X X	114 932 130 627
3331209366	Parts for motor graders and light maintainers, rollers and compactors, rough-terrain forklifts, scraper bowls, and self-propelled continuous ditchers and trenchers (sold separately)	2002.. 38 1997.. 42	X X	X X	177 459 179 054
3331209377	Parts for construction machinery (except winches) for mounting on tractors and other prime movers (sold separately)	2002.. 37 1997.. 30	X X	X X	150 603 237 747
3331209388	Parts for other construction machinery and equipment (except winches, hoists, and railroad rolling stock) (sold separately)	2002.. 75 1997.. 86	X X	X X	378 237 662 568
3331209Y	Parts for construction machinery and equipment, sold separately, nsk	2002.. N 1997.. N	X X	X X	102 860 68 434
3331209YVV	Parts for construction machinery and equipment, sold separately, nsk	2002.. N 1997.. N	X X	X X	102 860 68 434
333120W	Construction machinery manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	567 286 502 680
333120WY	Construction machinery manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	567 286 502 680
333120WYWW	Construction machinery manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	281 354 313 717
333120WYWY	Construction machinery manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	285 932 188 963
333131	Mining machinery and equipment manufacturing	2002.. N 1997.. N	X X	X X	1 957 519 2 974 042
3331311	Underground mining machinery (except parts sold separately)	2002.. N 1997.. N	X X	X X	476 036 680 836
33313111	Underground mining machinery (except parts sold separately)	2002.. N 1997.. N	X X	X X	476 036 680 836
3331311100	Underground mining machinery (except parts sold separately) <sup>35</sup>	2002.. 29 1997.. 40	X X	X X	476 036 680 836
3331313	Mineral processing and beneficiation machinery (except parts sold separately)	2002.. N 1997.. N	X X	X X	D 633 663
33313131	Mineral processing and beneficiation machinery (except parts sold separately)	2002.. N 1997.. N	X X	X X	D 633 663
3331313100	Mineral processing and beneficiation machinery (except parts sold separately)	2002.. 4 1997.. 14	X X	X X	D 633 663
3331315	Crushing, pulverizing, and screening machinery (except parts sold separately and portable crushing, screening, washing and combination plants)	2002.. N 1997.. N	X X	X X	242 615 482 132
33313151	Crushing, pulverizing, and screening machinery (except parts sold separately and portable crushing, screening, washing and combination plants)	2002.. N 1997.. N	X X	X X	242 615 482 132
3331315100	Crushing, pulverizing, and screening machinery (except parts sold separately and portable crushing, screening, washing and combination plants) <sup>35</sup>	2002.. 30 1997.. 37	X X	X X	242 615 482 132
3331317	Drills and other mining machinery (except parts sold separately)	2002.. N 1997.. N	X X	X X	D 263 008
33313171	Drills and other mining machinery (except parts sold separately)	2002.. N 1997.. N	X X	X X	D 263 008
3331317100	Drills and other mining machinery (except parts sold separately) <sup>35</sup>	2002.. 17 1997.. 23	X X	X X	D 263 008
3331319	Parts and attachments for mining machinery and equipment (sold separately)	2002.. N 1997.. N	X X	X X	638 917 777 472
33313191	Mining and rock drill bits	2002.. N 1997.. N	X X	X X	290 057 322 366
3331319101	Percussion rock mining drill bits, with working part of sintered metal carbide and cermets, and base metal parts thereof	2002.. 12 1997.. 10	X X	X X	D 40 412
3331319106	Rock mining drill bits other than percussion, with working part of sintered metal carbide and cermets, and base metal parts thereof	2002.. 9 1997.. 15	X X	X X	171 198 239 764
3331319111	Other mining drill bits with working part of sintered metal carbide and cermets, and base metal thereof	2002.. 4	X	X	D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
333131	Mining machinery and equipment manufacturing—Con.					
3331319	Parts and attachments for mining machinery and equipment (sold separately)—Con.					
33313191	Mining and rock drill bits—Con.					
3331319111	Other mining drill bits with working part of sintered metal carbide and cermets, and base metal thereof—Con.	1997..	11	X	X	42 190
33313192	Drill bits not having a working part of sintered metal carbide and cermets, and base metal parts thereof .....	2002..	N	X	X	D
		1997..	N	X	X	8 758
3331319216	Drill bits not having a working part of sintered metal carbide and cermets, and base metal parts thereof .....	2002..	6	X	X	D
		1997..	4	X	X	8 758
33313193	Parts and attachments for mining machinery and equipment (except drill bits) for underground mining vehicles .....	2002..	N	X	X	77 104
		1997..	N	X	X	68 058
3331319321	Parts and attachments for mining machinery and equipment (except drill bits) for underground mining vehicles .....	2002..	20	X	X	77 104
		1997..	31	X	X	68 058
33313194	Parts and attachments for mining machinery and equipment (except drill bits) for minerals crushing, grinding, sorting, separating, or washing machines (except portable) .....	2002..	N	X	X	101 848
		1997..	N	X	X	166 088
3331319426	Parts and attachments for mining machinery and equipment (except drill bits) for minerals crushing, grinding, sorting, separating, or washing machines (except portable) .....	2002..	23	X	X	101 848
		1997..	27	X	X	166 088
33313195	Parts and attachments for mining machinery and equipment (except drill bits) for lifting, handling, loading, or unloading machinery for underground mines .....	2002..	N	X	X	D
		1997..	N	X	X	22 521
3331319531	Parts and attachments for mining machinery and equipment (except drill bits) for lifting, handling, loading, or unloading machinery for underground mines .....	2002..	6	X	X	D
		1997..	6	X	X	22 521
33313196	Parts and attachments for mining machinery and equipment (except drill bits) for boring and sinking machinery other than coal or rock cutters and tunneling machinery .....	2002..	N	X	X	9 512
		1997..	N	X	X	7 260
3331319636	Parts and attachments for mining machinery and equipment (except drill bits) for boring and sinking machinery other than coal or rock cutters and tunneling machinery .....	2002..	4	X	X	9 512
		1997..	5	X	X	7 260
33313197	Parts and attachments for other mining machinery and equipment (except drill bits) .....	2002..	N	X	X	102 669
		1997..	N	X	X	130 634
3331319744	Parts and attachments for other mining machinery and equipment (except drill bits) .....	2002..	27	X	X	102 669
		1997..	37	X	X	130 634
3331319Y	Parts and attachments for mining machinery and equipment (sold separately), nsk .....	2002..	N	X	X	24 258
		1997..	N	X	X	51 787
3331319YVW	Parts and attachments for mining machinery and equipment (sold separately), nsk .....	2002..	N	X	X	24 258
		1997..	N	X	X	51 787
333131W	Mining machinery and equipment manufacturing, nsk, total .....	2002..	N	X	X	166 312
		1997..	N	X	X	136 931
333131WY	Mining machinery and equipment manufacturing, nsk, total .....	2002..	N	X	X	166 312
		1997..	N	X	X	136 931
333131WYWW	Mining machinery and equipment manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	112 017
		1997..	N	X	X	76 356
333131WYWY	Mining machinery and equipment manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	54 295
		1997..	N	X	X	60 575
333132	Oil and gas field machinery and equipment manufacturing .....	2002..	N	X	X	4 944 668
		1997..	N	X	X	5 333 426
3331321	Rotary oil and gas field drilling machinery and equipment .....	2002..	N	X	X	1 367 421
		1997..	N	X	X	1 728 716
33313211	Rotary oil and gas field drilling machinery and equipment, except parts .....	2002..	N	X	X	1 107 320
		1997..	N	X	X	1 611 941
3331321101	Rotary drilling surface equipment for blocks, crown, traveling, draw works and accessories (including rotary tables) .....	2002..	6	X	D	D
		1997..	6	X	S	1 640
3331321116	Rotary oil and gas field surface drilling well control equipment (blow-out preventers, etc.) .....	2002..	13	X	X	164 381
		1997..	19	X	X	310 441
3331321123	Other rotary oil and gas field surface drilling machinery and equipment (including kelly joints) .....	2002..	18	X	X	104 193
		1997..	N	X	X	N
3331321126	Rotary oil and gas field subsurface drilling bits, with working part of sintered metal carbide and cermets .....	2002..	8	X	S	229 573
		1997..	8	X	S	330 427
3331321131	Rotary oil and gas field subsurface drilling bits, with working part of other materials (including diamond) .....	2002..	6	X	S	106 401
		1997..	10	X	S	178 981
3331321136	Rotary oil and gas field subsurface drilling equipment for reamers, stabilizers, and coring equipment .....	2002..	9	X	X	D
		1997..	11	X	X	45 253
3331321151	Rotary oil and gas field subsurface drilling fishing and cutting tools .....	2002..	5	X	X	139 350
		1997..	11	X	X	116 807
3331321156	Rotary oil and gas field subsea drilling risers .....	2002..	4	X	S	49 172
		1997..	3	X	X	65 747
3331321167	Other rotary oil and gas field subsurface drilling equipment .....	2002..	13	X	X	198 712
		1997..	N	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333132	Oil and gas field machinery and equipment manufacturing—Con.				
3331321	Rotary oil and gas field drilling machinery and equipment—Con.				
33313212	Parts for rotary oil and gas field drilling equipment, sold separately (except for portable drilling rigs) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	103 955 59 366
3331321271	Parts for rotary oil and gas field drilling equipment, sold separately (except for portable drilling rigs) . . . . .	2002 . . . . . 15 1997 . . . . . 18	X X	X X	103 955 59 366
3331321Y	Rotary oil and gas field drilling machinery and equipment, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	156 146 57 409
3331321YVV	Rotary oil and gas field drilling machinery and equipment, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	156 146 57 409
3331323	Other oil and gas field drilling machinery and equipment . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	771 470 691 092
33313231	Other oil and gas field drilling machinery and equipment, except parts . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	395 012 537 663
3331323111	Other oil and gas field drilling cementing equipment . . . . .	2002 . . . . . 11 1997 . . . . . 8	X X	X X	289 072 186 126
3331323123	Other oil and gas field drilling equipment, except rotary drilling equipment and portable drilling rigs . . . . .	2002 . . . . . 12 1997 . . . . . N	X X	X X	105 940 N
33313232	Parts for other oil and gas field drilling equipment, sold separately (except parts for rotary drilling equipment and portable drilling rigs) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	338 024 153 429
3331323226	Parts for other oil and gas field drilling equipment, sold separately . . . . .	2002 . . . . . 22 1997 . . . . . 12	X X	X X	338 024 153 429
3331323Y	Other oil and gas field drilling machinery and equipment, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	38 434 —
3331323YVV	Other oil and gas field drilling machinery and equipment, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	38 434 —
3331325	Oil and gas field production machinery and equipment (except pumps) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 881 922 1 798 028
33313251	Oil and gas field production machinery and equipment (except pumps) (except parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 661 601 1 595 075
3331325101	Oil and gas field production well Christmas tree assemblies (excluding subsea) . . . . .	2002 . . . . . 9 1997 . . . . . 11	X X	X X	110 884 104 063
3331325106	Oil and gas field production well casings and tubing heads and supports (including subsea) . . . . .	2002 . . . . . 13 1997 . . . . . 16	X X	X X	169 356 126 129
3331325111	Oil and gas field production well chokes, manifolds, and other accessories, excluding subsea manifolds and templates (including subsea) . . . . .	2002 . . . . . 14 1997 . . . . . 12	X X	X X	142 053 75 186
3331325116	Oil and gas field production well rodless oil lifting machinery and equipment (except pumps) . . . . .	2002 . . . . . 3 1997 . . . . . 3	X X	X X	D 43 300
3331325121	Oil and gas field production well subsea Christmas tree assemblies, manifolds, and templates . . . . .	2002 . . . . . 8 1997 . . . . . 5	X X	X X	261 725 115 221
3331325126	Oil and gas field surface rod lifting pumping units and accessories (including back crank equipment) . . . . .	2002 . . . . . 4 1997 . . . . . 7	X X	X X	D 40 378
3331325141	Oil and gas field packers . . . . .	2002 . . . . . 10 1997 . . . . . 13	X X	X X	120 846 221 577
3331325146	Oil and gas field screens, tubing, catchers, etc. . . . .	2002 . . . . . 7 1997 . . . . . 3	X X	X X	214 312 149 985
3331325151	Oil and gas field separating, metering, and treating equipment for use at the wellhead . . . . .	2002 . . . . . 20 1997 . . . . . 15	X X	X X	157 471 96 993
3331325198	Other oil and gas field production machinery and tools (except pumps) . . . . .	2002 . . . . . 41 1997 . . . . . N	X X	X X	465 686 N
33313252	Parts for oil and gas field production machinery and tools, sold separately (excluding parts for portable drilling rigs and other drilling equipment) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	63 847 167 135
3331325256	Parts for oil and gas field production machinery and tools, sold separately (excluding parts for portable drilling rigs and other drilling equipment) . . . . .	2002 . . . . . 18 1997 . . . . . 33	X X	X X	63 847 167 135
3331325Y	Oil and gas field production machinery and equipment (except pumps), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	156 474 35 818
3331325YVV	Oil and gas field production machinery and equipment (except pumps), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	156 474 35 818
3331327	Portable drilling rigs and parts (above ground) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	400 867 526 919
33313271	Portable drilling rigs used on the surface (above ground) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	284 537 384 661
3331327101	Portable drilling rigs used on the surface (above ground) <sup>35</sup> . . . . .	2002 . . . . . 26 1997 . . . . . 22	X X	X X	284 537 384 661
33313272	Parts for portable drilling rigs used on the surface (above ground) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	116 258 141 858
3331327210	Parts for portable drilling rigs used on the surface (above ground) <sup>35</sup> . . . . .	2002 . . . . . 20 1997 . . . . . 30	X X	X X	116 258 141 858
3331327Y	Portable drilling rigs and parts (above ground), nsk . . . . .	2002 . . . . . N	X	X	72

See footnotes at end of table.



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Product code	Product	Number of shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333132	Oil and gas field machinery and equipment manufacturing—Con.				
3331327	Portable drilling rigs and parts (above ground)—Con.				
3331327Y	Portable drilling rigs and parts (above ground), nsk—Con.				
3331327YVW	Portable drilling rigs and parts (above ground), nsk	1997.. N	X	X	400
		2002.. N	X	X	72
		1997.. N	X	X	400
3331329	Oil and gas field derricks and well surveying machinery	2002.. N	X	X	103 898
		1997.. N	X	X	243 048
33313291	Oil and gas field derricks, substructures and accessories, including well surveying machinery and equipment and well logging equipment	2002.. N	X	X	103 898
		1997.. N	X	X	226 048
3331329108	Oil and gas field derricks, substructures and accessories (regular and portable) (including equipment assembled on site), including well surveying machinery (except well logging equipment)	2002.. 9	X	X	49 947
		1997.. N	X	X	N
3331329111	Oil and gas field well logging equipment	2002.. 9	X	X	53 951
		1997.. 8	X	X	172 200
3331329Y	Oil and gas field derricks and well surveying machinery, nsk	2002.. N	X	X	—
		1997.. N	X	X	17 000
3331329YVW	Oil and gas field derricks and well surveying machinery, nsk	2002.. N	X	X	—
		1997.. N	X	X	17 000
333132W	Oil and gas field machinery and equipment manufacturing, nsk, total	2002.. N	X	X	419 090
		1997.. N	X	X	345 623
333132WY	Oil and gas field machinery and equipment manufacturing, nsk, total	2002.. N	X	X	419 090
		1997.. N	X	X	345 623
333132WYVW	Oil and gas field machinery and equipment manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	303 006
		1997.. N	X	X	214 818
333132WYVY	Oil and gas field machinery and equipment manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	116 084
		1997.. N	X	X	130 805
333210	Sawmill and woodworking machinery manufacturing	2002.. N	X	X	859 838
		1997.. N	X	X	1 101 642
3332103	Woodworking machinery, including parts, attachments, and accessories	2002.. N	X	X	726 620
		1997.. N	X	X	829 627
33321031	Woodworking sawmill equipment	2002.. N	X	X	292 622
		1997.. N	X	X	300 965
3332103101	Woodworking sawmill circular saws (head rigs)	2002.. 8	X	X	12 028
		1997.. 12	X	X	25 407
3332103106	Woodworking sawmill band saws (head rigs)	2002.. 12	X	X	40 850
		1997.. 13	X	X	60 756
3332103111	Woodworking sawmill equipment, removing bark from logs	2002.. 6	X	X	26 200
		1997.. 3	X	X	1 567
3332103116	Woodworking sawmill equipment, chipping or splitting wood	2002.. 9	X	X	28 983
		1997.. 10	X	X	10 344
3332103121	Woodworking sawmill equipment, specialized sawmill materials handling equipment	2002.. 18	X	X	42 217
		1997.. 23	X	X	91 614
3332103126	Other woodworking sawmill equipment	2002.. 24	X	X	142 344
		1997.. 23	X	X	111 277
33321032	Woodworking machines and equipment, including moulders	2002.. N	X	X	341 371
		1997.. N	X	X	394 980
3332103231	Woodworking sawing machines (except sawmill equipment)	2002.. 18	X	X	40 700
		1997.. 17	X	X	63 401
3332103236	Woodworking planing machinery (including single and double planers, facers, jointers, and abrasive planers)	2002.. 10	X	X	25 595
		1997.. 10	X	X	30 073
3332103241	Woodworking sanding machines	2002.. 11	X	X	26 535
		1997.. 12	X	X	31 149
3332103246	Woodworking boring machines	2002.. 6	X	X	3 661
		1997.. 5	X	X	4 847
3332103251	Woodworking mortising and tenoning machines	2002.. 4	X	X	2 255
		1997.. 2	X	X	2 272
3332103256	Woodworking lathes or turning machines	2002.. 5	X	X	11 018
		1997.. 8	X	X	17 493
3332103261	Woodworking routers	2002.. 8	X	X	54 337
		1997.. 11	X	X	60 313
3332103266	Woodworking shapers and profilers	2002.. 9	X	X	12 687
		1997.. 8	X	X	11 322
3332103271	Woodworking assembling, gluing, laminating, and finishing machines	2002.. 12	X	X	27 601
		1997.. 15	X	X	50 639
3332103276	Multifunction woodworking machines	2002.. 28	X	X	42 067
		1997.. 5	X	X	9 387
3332103292	Other woodworking machines and equipment	2002.. 41	X	X	94 915
		1997.. N	X	X	N
33321033	Parts, attachments, and accessories for woodworking machinery (sold separately), excluding saw blades and cutting tools	2002.. N	X	X	73 320
		1997.. N	X	X	118 187
3332103396	Parts, attachments, and accessories for woodworking machinery (sold separately), excluding saw blades and cutting tools	2002.. 51	X	X	73 320
		1997.. 57	X	X	118 187
3332103Y	Woodworking machinery, including parts, attachments, and accessories, nsk	2002.. N	X	X	19 307
		1997.. N	X	X	15 495
3332103YVW	Woodworking machinery, including parts, attachments, and accessories, nsk	2002.. N	X	X	19 307

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
333210	Sawmill and woodworking machinery manufacturing—Con.					
3332103	Woodworking machinery, including parts, attachments, and accessories—Con.					
3332103Y	Woodworking machinery, including parts, attachments, and accessories, nsk—Con.					
3332103YVW	Woodworking machinery, including parts, attachments, and accessories, nsk—Con.	1997..	N	X	X	15 495
3332105	Woodworking machinery for home workshops, garages, and service shops (excluding chainsaws and other power-driven handtools) .....	2002..	N	X	X	66 530
		1997..	N	X	X	173 826
33321053	Woodworking saws, machines, and equipment for home workshops, garages and service shops .....	2002..	N	X	X	63 442
		1997..	N	X	X	N
3332105311	Woodworking saws, including circular and band saws (excluding chain saws) for home workshops, garages, and service shops .....	thousands..2002..	6	X	115.3	51 564
		1997..	N	X	N	N
3332105351	Other woodworking machinery for home workshops, garages, and service shops (except power-driven handtools) .....	2002..	6	X	X	11 878
		1997..	N	X	X	N
3332105Y	Woodworking machinery for home workshops, garages, and service shops, nsk .....	2002..	N	X	X	3 088
		1997..	N	X	X	-
3332105YVW	Woodworking machinery for home workshops, garages, and service shops, nsk .....	2002..	N	X	X	3 088
		1997..	N	X	X	-
333210W	Sawmill and woodworking machinery manufacturing, nsk, total .....	2002..	N	X	X	66 688
		1997..	N	X	X	98 189
333210WY	Sawmill and woodworking machinery manufacturing, nsk, total .....	2002..	N	X	X	66 688
		1997..	N	X	X	98 189
333210WYWV	Sawmill and woodworking machinery manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	41 605
		1997..	N	X	X	66 790
333210WYVW	Sawmill and woodworking machinery manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	25 083
		1997..	N	X	X	31 399
333220	Plastics and rubber industry machinery manufacturing .....	2002..	N	X	X	2 668 687
		1997..	N	X	X	3 093 784
3332201	Plastics-working machinery and equipment, excluding patterns and molds .....	2002..	N	X	X	2 303 059
		1997..	N	X	X	2 671 954
33322011	Plastic screw extrusion machines, excluding patterns and molds .....	2002..	N	X	X	254 456
		1997..	N	X	X	331 666
3332201106	Plastics single screw extrusion machines, up to 2.49 in. screw diameter, excluding patterns and molds .....	2002..	16	X	X	63 340
		1997..	11	X	X	84 506
3332201111	Plastics single screw extrusion machines, 2.50 in. to 5.49 in. screw diameter, excluding patterns and molds .....	2002..	19	X	X	129 139
		1997..	15	X	X	164 294
3332201116	Plastics single screw extrusion machines, 5.50 in. screw diameter or larger, excluding patterns and molds .....	2002..	11	X	X	34 022
		1997..	12	X	X	51 494
3332201121	Plastics multiple screw extrusion machines, excluding patterns and molds .....	2002..	12	X	X	27 955
		1997..	5	X	X	31 372
33322012	Plastic molding machines, excluding patterns and molds .....	2002..	N	X	X	808 891
		1997..	N	X	X	801 971
3332201201	Plastics compression molding machines, excluding patterns and molds .....	2002..	11	X	X	45 034
		1997..	6	X	X	21 234
3332201226	Plastics injection molding machines, 500 tons or less, excluding patterns and molds .....	2002..	37	X	X	292 733
		1997..	18	X	X	351 734
3332201231	Plastics injection molding machines, more than 500 tons, excluding patterns and molds .....	2002..	14	X	X	205 922
		1997..	8	X	X	244 826
3332201236	Plastics blow molding machines, excluding patterns and molds .....	2002..	18	X	X	265 202
		1997..	14	X	X	184 177
33322013	Other machinery for working plastics and making products from plastics .....	2002..	N	X	X	874 229
		1997..	N	X	X	996 934
3332201341	Plastics granulators and pelletizers .....	2002..	15	X	X	91 538
		1997..	18	X	X	112 117
3332201346	Plastics thermoforming machines, excluding patterns and molds .....	2002..	12	X	X	75 818
		1997..	10	X	X	82 501
3332201351	Calendering or other rolling machines for working plastics, excluding patterns or molds .....	2002..	3	X	X	11 719
		1997..	8	X	X	15 182
3332201356	Machines for cold working plastics, including drilling, milling, slicing, grinding, etc., excluding patterns of molds .....	2002..	9	X	X	22 309
		1997..	13	X	X	33 895
3332201361	Machinery for treating plastics by means of a temperature change .....	2002..	19	X	X	139 165
		1997..	23	X	X	82 441
3332201366	Other machinery for forming plastics .....	2002..	32	X	X	120 021
		1997..	28	X	X	237 660
3332201371	All other machinery for working plastics or making products from plastics .....	2002..	64	X	X	413 659
		1997..	51	X	X	433 138

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333220	Plastics and rubber industry machinery manufacturing—Con.				
3332201	Plastics-working machinery and equipment, excluding patterns and molds—Con.				
33322014	Other machinery for forming, working, or making products from plastics, including parts for plastics working machinery	2002.. N 1997.. N	X X	X X	335 265 458 007
3332201476	Parts of machinery for treating plastics by means of a temperature change	2002.. 13 1997.. 18	X X	X X	D 90 663
3332201481	Parts of calendaring or rolling machines for plastics	2002.. 3 1997.. 4	X X	X X	D 5 021
3332201486	Other parts for plastics working machinery	2002.. 61 1997.. 61	X X	X X	302 396 362 323
3332201Y	Plastics-working machinery and equipment, excluding patterns and molds, nsk	2002.. N 1997.. N	X X	X X	30 218 83 376
3332201YVV	Plastics-working machinery and equipment, excluding patterns and molds, nsk	2002.. N 1997.. N	X X	X X	30 218 83 376
3332203	Rubber-working machinery and equipment, excluding tire molds	2002.. N 1997.. N	X X	X X	231 301 290 979
33322031	Machinery for working rubber and making products of rubber, excluding tire molds	2002.. N 1997.. N	X X	X X	189 986 234 162
3332203101	High-intensity rubber solids mixers	2002.. 4 1997.. 7	X X	X X	25 371 32 936
3332203106	Rubber extruding machines, excluding tire molds	2002.. 5 1997.. 8	X X	X X	28 376 20 973
3332203111	Rubber tire building equipment, except tire molds	2002.. 10 1997.. 15	X X	X X	54 893 51 034
3332203116	Rubber tire recapping and repairing machinery and equipment, including recapping vulcanizers, excluding tire molds	2002.. 6 1997.. 8	X X	X X	21 639 34 233
3332203121	Other machinery for working rubber and making products of rubber, excluding tire molds	2002.. 22 1997.. 33	X X	X X	59 707 94 986
33322032	Parts for rubber working machinery, excluding tire molds	2002.. N 1997.. N	X X	X X	41 315 46 850
3332203226	Parts for rubber working machinery, excluding tire molds	2002.. 15 1997.. 33	X X	X X	41 315 46 850
3332203Y	Rubber-working machinery and equipment, excluding tire molds, nsk	2002.. N 1997.. N	X X	X X	— 9 967
3332203YVV	Rubber-working machinery and equipment, excluding tire molds, nsk	2002.. N 1997.. N	X X	X X	— 9 967
333220W	Plastics and rubber industry machinery manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	134 327 130 851
333220WY	Plastics and rubber industry machinery manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	134 327 130 851
333220WYWW	Plastics and rubber industry machinery manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	51 609 50 066
333220WYWY	Plastics and rubber industry machinery manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	82 718 80 785
333291	Paper industry machinery manufacturing	2002.. N 1997.. N	X X	X X	1 597 617 2 986 768
3332911	Paper industry machinery	2002.. N 1997.. N	X X	X X	833 516 1 956 175
33329111	Paper industry wood preparations equipment and other paper industry pulp mill machinery (including pulp mill digesters and deckers, etc.)	2002.. N 1997.. N	X X	X X	207 561 262 477
3332911104	Paper industry wood preparations equipment (including debarkers, chipper, knotters, splitters, chipscreens, water-jet bark strippers, etc.)	2002.. 5 1997.. N	X X	X X	21 980 N
3332911111	Paper industry pulp mill grinders and refiners (TMP) for the manufacture of mechanical pulp	2002.. 5 1997.. 4	X X	X X	27 724 59 071
3332911121	Paper industry pulp mill deckers, thickeners, wet lap machines, bleaching equipment, pulp screens, washers, and save-alls	2002.. 5 1997.. 6	X X	X X	21 108 73 377
3332911123	Other paper industry pulp mill machinery	2002.. 7 1997.. N	X X	X X	61 460 N
3332911131	Paper mill stock preparation equipment, including refiners (chip, conical, deflaker, disk, etc.), pulpers, beaters, jordans, etc.	2002.. 4 1997.. 6	X X	X X	75 289 D
33329112	Paper mill paper making machines	2002.. N 1997.. N	X X	X X	102 538 256 707
3332911236	Paper mill paper making machines, dryers for paper pulp, paper, or paperboard	2002.. 5 1997.. 9	X X	X X	44 134 57 516
3332911241	Other paper mill paper making machines, including headbox forming area, presses, and reels	2002.. 11 1997.. 10	X X	X X	58 404 199 191
33329113	Paper mill coating machines, calendaring and rolling machines, and other paper machines	2002.. N 1997.. N	X X	X X	70 279 315 077

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333291	Paper industry machinery manufacturing—Con.				
3332911	Paper industry machinery—Con.				
33329113	Paper mill coating machines, calendering and rolling machines, and other paper machines—Con.				
3332911346	Paper mill paper coating machines, including equipment for applying sizing and pigment coating to paper	2002.. 5 1997.. 11	X X	X X	3 467 62 722
3332911351	Paper mill paper calendering and similar rolling machines for finishing paper	2002.. 6 1997.. 6	X X	X X	12 232 100 196
3332911361	Other paper mill paper machines	2002.. 9 1997.. 17	X X	X X	54 580 152 159
33329114	Paper mill machines for finishing paper, except calendering or similar rolling	2002.. N 1997.. N	X X	X X	64 457 141 139
3332911456	Paper mill machines for finishing paper, except calendering or similar rolling	2002.. 9 1997.. 17	X X	X X	64 457 141 139
33329115	Machines for making bags, boxes, molding articles in paper pulp, paper, and paperboard and paper and paperboard cutting machines, etc.	2002.. N 1997.. N	X X	X X	314 134 938 527
3332911566	Paper and paperboard cutting machines (except sheeters and winders)	2002.. 7 1997.. 14	X X	X X	11 969 20 534
3332911571	Machines for making paper and paperboard bags, sacks, and envelopes	2002.. 4 1997.. 5	X X	X X	19 382 43 477
3332911576	Paper and paperboard corrugated box making machines	2002.. 16 1997.. 20	X X	X X	98 671 422 100
3332911581	Machines for making paper and paperboard cartons, boxes, cases, tubes, drums, and similar containers, except by molding (excluding corrugated box making machines)	2002.. 8 1997.. 15	X X	X X	17 772 170 448
3332911591	Other paper and paperboard converting equipment for finishing paper or paperboard	2002.. 8 1997.. 11	X X	X X	23 143 D
3332911597	Other paper and paperboard converting equipment for converting paper and paperboard	2002.. 14 1997.. N	X X	X X	143 197 N
3332911Y	Paper industry machinery, nsk	2002.. N 1997.. N	X X	X X	74 547 42 248
3332911YVV	Paper industry machinery, nsk	2002.. N 1997.. N	X X	X X	74 547 42 248
3332913	Parts and attachments for paper industry machinery (sold separately)	2002.. N 1997.. N	X X	X X	585 957 814 234
33329131	Parts and attachments for paper industry wood preparation equipment (sold separately)	2002.. N 1997.. N	X X	X X	20 410 D
3332913101	Parts and attachments for paper industry wood preparation equipment (sold separately)	2002.. 4 1997.. 4	X X	X X	20 410 D
33329132	Parts and attachments for paper industry pulp mill machinery (sold separately)	2002.. N 1997.. N	X X	X X	90 281 D
3332913211	Parts and attachments for paper industry pulp mill machinery (sold separately)	2002.. 13 1997.. 20	X X	X X	90 281 D
33329133	Parts and attachments for paper industry machines for finishing paper (sold separately)	2002.. N 1997.. N	X X	X X	199 601 97 047
3332913321	Parts and attachments for paper industry machines for finishing paper (sold separately)	2002.. 16 1997.. 14	X X	X X	199 601 97 047
33329134	Parts and attachments for paper mill machinery, except machines for finishing paper (sold separately)	2002.. N 1997.. N	X X	X X	79 039 351 262
3332913431	Parts and attachments for paper mill machinery, except machines for finishing paper (sold separately)	2002.. 12 1997.. 26	X X	X X	79 039 351 262
33329135	Parts and attachments for paper and paperboard converting equipment (sold separately)	2002.. N 1997.. N	X X	X X	155 258 263 222
3332913541	Parts and attachments for paper and paperboard converting equipment (sold separately)	2002.. 39 1997.. 40	X X	X X	155 258 263 222
3332913Y	Parts and attachments for paper industry machinery (sold separately), nsk	2002.. N 1997.. N	X X	X X	41 368 17 444
3332913YVV	Parts and attachments for paper industry machinery (sold separately), nsk	2002.. N 1997.. N	X X	X X	41 368 17 444
333291W	Paper industry machinery manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	178 144 216 359
333291WY	Paper industry machinery manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	178 144 216 359
333291WYWW	Paper industry machinery manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	91 272 112 837
333291WYWY	Paper industry machinery manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	86 872 103 522
333292	Textile machinery manufacturing	2002.. N 1997.. N	X X	X X	806 386 1 480 767
3332921	Textile machinery (except parts, attachments, and accessories)	2002.. N	X	X	501 013

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333292	Textile machinery manufacturing—Con.				
3332921	Textile machinery (except parts, attachments, and accessories)—Con.				
33329211	Fiber to fabric textile machinery (except parts, attachments, and accessories) .....	1997.. N	X	X	877 516
		2002.. N	X	X	198 200
		1997.. N	X	X	424 629
3332921101	Cleaning and opening fiber-to-fabric textile machinery, including picker, garnetting, and other (except parts, attachments, and accessories) .....	2002.. 3	X	X	D
		1997.. 12	X	X	25 400
3332921103	Carding and combing fiber-to-fabric textile machinery (except parts, attachments, and accessories) .....	2002.. 3	X	X	9 789
		1997.. 4	X	X	4 561
3332921106	Other fiber-to-fabrics textile machinery, including machines for drawing, roving, and twisting frames (except parts, attachments, and accessories) .....	2002.. 6	X	X	10 970
		1997.. 8	X	X	40 720
3332921111	Fiber-to-fabric yarn winding machinery (skein, spool, bobbin, quill, cone, etc.) (except parts, attachments, and accessories) .....	2002.. 11	X	X	22 914
		1997.. 11	X	X	70 201
3332921116	Other fiber-to-fabric yarn preparing machinery (beaming, warping, warp tying, warp drawing in, slashing, etc.) (except parts, attachments, and accessories) .....	2002.. 11	X	X	24 593
		1997.. 8	X	X	29 775
3332921121	Machinery for extruding, drawing, texturing, and cutting manmade textile materials (except parts, attachments, and accessories) .....	2002.. 18	X	X	103 690
		1997.. 16	X	X	176 048
3332921131	Fabric weaving machinery, power-driven, including machinery for broad and narrow fabrics (shuttle and shuttleless) (except parts, attachments, and accessories) .....	2002.. 2	X	X	D
		1997.. 7	X	X	15 054
3332921136	Fabric knitting machinery (except parts, attachments, and accessories) .....	2002.. 4	X	X	21 957
		1997.. 7	X	X	62 870
33329212	Other textile machinery, including hand looms, lace, embroidery, braiding, and tufting machinery (except parts, attachments, and accessories) .....	2002.. N	X	X	87 851
		1997.. N	X	X	84 345
3332921241	Hand looms machinery (except parts, attachments, and accessories) .....	2002.. 3	X	X	4 218
		1997.. 4	X	X	2 861
3332921246	Other fabrics machinery, including lace, embroidery, braiding, and tufting machinery (except parts, attachments, and accessories) .....	2002.. 17	X	X	83 633
		1997.. 15	X	X	81 484
33329213	Textile bleaching, mercerizing, and dyeing machinery (except parts, attachments, and accessories) .....	2002.. N	X	X	30 253
		1997.. N	X	X	82 031
3332921358	Textile bleaching, mercerizing, and dyeing machinery (except parts, attachments, and accessories) .....	2002.. 6	X	X	30 253
		1997.. N	X	X	N
33329214	Textile printing machinery (except parts, attachments, and accessories) .....	2002.. N	X	X	71 046
		1997.. N	X	X	72 440
3332921461	Industrial textile laser printing systems and equipment (except parts, attachments, and accessories) .....	2002.. 1	X	X	D
		1997.. -	X	X	-
3332921462	Textile printing machinery (except parts, attachments, and accessories) .....	2002.. 8	X	X	65 360
		1997.. 11	X	X	55 502
3332921476	Textile machinery for drying stocks, yarns, cloth, carpet, nonwoven, etc. (except parts, attachments, and accessories) .....	2002.. 6	X	X	D
		1997.. 5	X	X	16 938
33329215	Textile finishing machinery, including calendering or rolling (except parts, attachments, and accessories) .....	2002.. N	X	X	31 230
		1997.. N	X	X	89 752
3332921566	Finishing machinery, calendering or rolling machines (except parts, attachments, and accessories) .....	2002.. 3	X	X	3 271
		1997.. 12	X	X	23 075
3332921571	Other finishing machinery (except parts, attachments, and accessories) .....	2002.. 11	X	X	27 959
		1997.. 15	X	X	66 677
33329216	Other textile industry machinery (except parts, attachments, and accessories) .....	2002.. N	X	X	54 289
		1997.. N	X	X	97 165
3332921681	Machinery for the finishing of felt and nonwovens in the piece or in shapes (except parts, attachments, and accessories) .....	2002.. 2	X	X	D
		1997.. 5	X	X	9 875
3332921686	Textile rope and cablemaking machinery (except parts, attachments, and accessories) .....	2002.. 3	X	X	D
		1997.. -	X	X	26
3332921691	Other textile industry machinery (except parts, attachments, and accessories) .....	2002.. 24	X	X	49 753
		1997.. 44	X	X	87 264
3332921Y	Textile machinery (except parts, attachments, and accessories), nsk .....	2002.. N	X	X	28 144
		1997.. N	X	X	27 154
3332921YVV	Textile machinery (except parts, attachments, and accessories), nsk .....	2002.. N	X	X	28 144
		1997.. N	X	X	27 154
3332923	Parts and attachments for textile machinery .....	2002.. N	X	X	269 175
		1997.. N	X	X	499 625
33329231	Textile machinery turnings and shapes, including bobbins, shuttles, spools, picker sticks, caps, etc. ....	2002.. N	X	X	10 115

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333292	Textile machinery manufacturing—Con.				
3332923	Parts and attachments for textile machinery—Con.				
33329231	Textile machinery turnings and shapes, including bobbins, shuttles, spools, picker sticks, caps, etc.—Con.				
		1997..	N	X	X
		2002..	5	X	X
3332923101	Textile machinery turnings and shapes, shuttles .....	1997..	3	X	D
		2002..	2	X	X
3332923106	Other textile machinery turnings and shapes, of plastics .....	1997..	1	X	D
		2002..	12	X	X
3332923111	Other textile machinery turnings and shapes, except plastics .....	1997..	4	X	X
		2002..	N	X	X
33329232	Parts and attachments for fiber-to-fabric card clothing machinery .....	1997..	N	X	X
		2002..	N	X	X
3332923216	Parts and attachments for fiber-to-fabric card clothing machinery .....	2002..	2	X	X
		1997..	8	X	X
33329233	Parts and attachments for other fiber-to-fabric machinery, except card clothing .....	2002..	N	X	X
		1997..	N	X	X
3332923321	Parts and attachments for fiber-to fabric machinery (dobbies and jacquards), including card reducing, copy, punching, and assembling machines .....	2002..	1	X	X
		1997..	-	X	D
3332923331	Parts and attachments for fiber-to-fabric machinery, extruding, drawing, texturing and cutting manmade fibers (including auxiliary machines) .....	2002..	6	X	X
		1997..	10	X	X
3332923336	Parts and attachments for fiber-to-fabric machinery, preparing textile fibers (including auxiliary machines) .....	2002..	3	X	X
		1997..	5	X	X
3332923341	Parts and attachments for fiber-to-fabric machinery, spindles, spindle flyers, spinning rings, and ring travelers .....	2002..	1	X	X
		1997..	2	X	X
3332923346	Other parts and attachments for fiber-to-fabric machinery (including auxiliary machines) .....	2002..	9	X	X
		1997..	13	X	X
33329234	Parts and attachments for weaving machinery .....	2002..	N	X	X
		1997..	N	X	X
3332923451	Parts and attachments for weaving machinery, reeds for looms, healds and heald-frames .....	2002..	7	X	X
		1997..	7	X	X
3332923456	Other parts and attachments for weaving machines, including broad and narrow fabrics (including auxiliary machines) .....	2002..	5	X	X
		1997..	12	X	X
33329235	Parts and attachments for knitting machinery .....	2002..	N	X	X
		1997..	N	X	X
3332923561	Parts and attachments for knitting machinery, sinkers, and other articles used for forming stitches (exclude needles) .....	2002..	1	X	X
		1997..	3	X	D
3332923566	Other parts and attachments for knitting machinery .....	2002..	4	X	X
		1997..	10	X	D
33329236	Parts and attachments for finishing machinery .....	2002..	N	X	X
		1997..	N	X	X
3332923671	Parts and attachments for finishing machinery, calendering and rolling machines (including cylinders) .....	2002..	4	X	X
		1997..	5	X	X
3332923681	Other parts and attachments for finishing machines .....	2002..	15	X	X
		1997..	25	X	X
33329237	Other parts and attachments for textile machinery (including printing) .....	2002..	N	X	X
		1997..	N	X	X
3332923791	Other parts and attachments for textile machinery (including printing) .....	2002..	34	X	X
		1997..	55	X	X
3332923Y	Parts and attachments for textile machinery, nsk .....	2002..	N	X	X
		1997..	N	X	X
3332923YVW	Parts and attachments for textile machinery, nsk .....	2002..	N	X	X
		1997..	N	X	X
333292W	Textile machinery manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
333292WY	Textile machinery manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
333292WYWW	Textile machinery manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
333292WYWY	Textile machinery manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
333293	Printing machinery and equipment manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3332931	Printing presses, offset lithographic .....	2002..	N	X	X
		1997..	N	X	X
33329311	Printing presses, offset lithographic, sheet-fed .....	2002..	N	X	X
		1997..	N	X	X
3332931101	Printing presses, offset lithographic, small sheet-fed (less than 14 inches) .....	2002..	6	X	X
		1997..	6	X	X
3332931111	Printing presses, offset lithographic, other sheet-fed (14 inches or more) .....	2002..	6	X	X
		1997..	6	X	X
33329312	Printing presses, offset lithographic, roll-fed (web-fed), newspaper .....	2002..	N	X	X
		1997..	N	X	X
3332931221	Printing presses, offset lithographic, roll-fed (web-fed), newspaper .....	2002..	8	X	S

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333293	Printing machinery and equipment manufacturing—Con.				
3332931	Printing presses, offset lithographic—Con.				
33329312	Printing presses, offset lithographic, roll-fed (web-fed), newspaper—Con.				
3332931221	Printing presses, offset lithographic, roll-fed (web-fed), newspaper—Con.				
		1997..	10	X	S
33329313	Printing presses, offset lithographic, other roll-fed (web-fed)	2002..	N	X	X
		1997..	N	X	X
3332931331	Printing presses, offset lithographic, roll-fed (web-fed), business forms	2002..	4	X	D
		1997..	8	X	S
3332931351	Printing presses, offset lithographic, roll-fed (web-fed), all other	2002..	—	X	X
		1997..	4	X	X
33329314	Printing presses, offset lithographic, roll-fed (web-fed), commercial (including heat-set)	2002..	N	X	X
		1997..	N	X	X
3332931441	Printing presses, offset lithographic, roll-fed (web-fed), commercial (including heat-set)	2002..	12	X	S
		1997..	10	X	S
3332931Y	Printing presses, offset lithographic, nsk	2002..	N	X	X
		1997..	N	X	X
3332931YVV	Printing presses, offset lithographic, nsk	2002..	N	X	X
		1997..	N	X	X
3332933	Printing presses, other than lithographic	2002..	N	X	X
		1997..	N	X	X
33329331	Printing presses, flexographic, sheet-fed and roll-fed (web-fed)	2002..	N	X	X
		1997..	N	X	X
3332933101	Printing presses, flexographic, sheet-fed and web-fed (less than 16 inches)	2002..	3	X	D
		1997..	7	X	X
3332933111	Printing presses, flexographic, sheet-fed and web-fed (16 inches or more)	2002..	11	X	D
		1997..	13	X	S
33329332	Other printing presses	2002..	N	X	X
		1997..	N	X	X
3332933241	Gravure printing machinery	2002..	7	X	X
		1997..	5	X	X
3332933251	Industrial laser printing press systems and equipment	2002..	4	X	X
		1997..	—	X	X
3332933262	Other printing presses, including metal decorating, proof, screen, pad printing, letterpress, and rebuilt printing presses	2002..	23	X	X
		1997..	N	X	X
3332933Y	Printing presses, other than lithographic, nsk	2002..	N	X	X
		1997..	N	X	X
3332933YVV	Printing presses, other than lithographic, nsk	2002..	N	X	X
		1997..	N	X	X
3332935	Typesetting machinery, excluding justifying typewriters	2002..	N	X	X
		1997..	N	X	X
33329351	Typesetting machinery, excluding justifying typewriters	2002..	N	X	X
		1997..	N	X	X
3332935101	Phototypesetting machines	2002..	1	X	X
		1997..	1	X	X
3332935151	Other typesetting machinery, including apparatus and equipment for typesetting with or without founding devices (excluding justifying typewriters)	2002..	—	X	X
		1997..	1	X	X
3332935Y	Typesetting machinery, excluding justifying typewriters, nsk	2002..	N	X	X
		1997..	N	X	X
3332935YVV	Typesetting machinery, excluding justifying typewriters, nsk	2002..	N	X	X
		1997..	N	X	X
3332937	Binding machinery and equipment (including paper cutting, collating, and gathering machines)	2002..	N	X	X
		1997..	N	X	X
33329371	Binding machinery and equipment (including paper cutting, collating, and gathering machines)	2002..	N	X	X
		1997..	N	X	X
3332937101	Saddle, perfect-adhesive, and hard case (edition) binding equipment	2002..	10	X	X
		1997..	11	X	X
3332937111	Printing trades paper cutting machines	2002..	9	X	X
		1997..	10	X	X
3332937121	Printing trades collating and gathering machines (sold separately)	2002..	5	X	X
		1997..	10	X	X
3332937131	Printing trades folding machines	2002..	9	X	X
		1997..	10	X	X
3332937141	Printing trades newspaper inserting equipment	2002..	2	X	X
		1997..	6	X	X
3332937151	Other printing trades binding machinery and equipment, including stitchers and trimmers	2002..	11	X	X
		1997..	21	X	X
3332937Y	Binding machinery and equipment (including paper cutting, collating, and gathering machines), nsk	2002..	N	X	X
		1997..	N	X	X
3332937YVV	Binding machinery and equipment (including paper cutting, collating, and gathering machines), nsk	2002..	N	X	X
		1997..	N	X	X
3332939	All other miscellaneous printing trades machinery	2002..	N	X	X
		1997..	N	X	X
33329391	Prepress preparatory equipment (excluding typesetting equipment and cameras), including engravers' materials and equipment	2002..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333293	Printing machinery and equipment manufacturing—Con.				
3332939	All other miscellaneous printing trades machinery—Con.				
33329391	Prepress preparatory equipment (excluding typesetting equipment and cameras), including engravers' materials and equipment—Con.	1997..	N	X	697 289
3332939101	Digital electronic prepress systems, components, and elements, including color and B/W scanners, digitizers, and recorders, other input or output devices, and digital previewers .....	2002..	19	X	328 606
		1997..	16	X	229 247
3332939122	Other prepress preparatory equipment .....	2002..	11	X	27 511
		1997..	N	X	N
3332939131	Industrial etching and engraving laser systems and equipment .....	2002..	9	X	79 262
		1997..	5	X	D
3332939132	Engravers' materials and equipment, including printing type, blocks, plates, cylinders, and other printing components .....	2002..	20	X	227 124
		1997..	31	X	336 690
3332939141	Other printing trades engravers' materials and equipment .....	2002..	5	X	10 749
		1997..	15	X	50 744
33329392	Parts, attachments, and accessories for printing presses, including flying pasters, dryers, folders, and reels, all types (sold separately) .....	2002..	N	X	309 464
		1997..	N	X	408 923
3332939251	Parts, attachments, and accessories for printing presses, including flying pasters, dryers, folders, and reels, all types (sold separately) .....	2002..	62	X	309 464
		1997..	72	X	408 923
33329393	Parts, attachments, and accessories for typesetting machines, all types (sold separately) .....	2002..	N	X	D
		1997..	N	X	D
3332939361	Parts, attachments, and accessories for typesetting machines, all types (sold separately) .....	2002..	1	X	D
		1997..	2	X	D
33329394	Parts, attachments, and accessories for bindery equipment, all types (sold separately) .....	2002..	N	X	18 500
		1997..	N	X	51 219
3332939471	Parts, attachments, and accessories for bindery equipment, all types (sold separately) .....	2002..	9	X	18 500
		1997..	15	X	51 219
33329395	Parts, attachments, and accessories for prepress preparatory equipment (excluding typesetting and camera parts) (sold separately) .....	2002..	N	X	D
		1997..	N	X	11 158
3332939581	Parts, attachments, and accessories for prepress preparatory equipment (excluding typesetting and camera parts) (sold separately) .....	2002..	9	X	D
		1997..	5	X	11 158
33329396	Parts, attachments, and accessories for other printing trades machinery and equipment, all types (sold separately) .....	2002..	N	X	147 430
		1997..	N	X	192 396
3332939686	Parts, attachments, and accessories for other printing trades machinery and equipment, all types (sold separately) .....	2002..	47	X	147 430
		1997..	53	X	192 396
33329397	Other printing trades machinery and equipment, including platens (excluding typewriters) .....	2002..	N	X	200 126
		1997..	N	X	282 527
3332939791	Other printing trades machinery and equipment, including platens (excluding typewriters) .....	2002..	27	X	200 126
		1997..	35	X	282 527
3332939Y	All other miscellaneous printing trades machinery, nsk .....	2002..	N	X	86 995
		1997..	N	X	31 167
3332939YVW	All other miscellaneous printing trades machinery, nsk .....	2002..	N	X	86 995
		1997..	N	X	31 167
333293W	Printing machinery and equipment manufacturing, nsk, total .....	2002..	N	X	280 617
		1997..	N	X	157 394
333293WY	Printing machinery and equipment manufacturing, nsk, total .....	2002..	N	X	280 617
		1997..	N	X	157 394
333293WYWW	Printing machinery and equipment manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	180 380
		1997..	N	X	51 160
333293WYWY	Printing machinery and equipment manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	100 237
		1997..	N	X	106 234
333294	Food product machinery manufacturing .....	2002..	N	X	2 583 418
		1997..	N	X	2 564 441
3332941	Dairy and milk products plant machinery and equipment (except bottling and packaging) .....	2002..	N	X	372 700
		1997..	N	X	285 898
33329411	Dairy and milk products plant machinery and equipment (except bottling and packaging) .....	2002..	N	X	307 328
		1997..	N	X	282 408
3332941121	Industrial machinery and equipment for treating milk and dairy products by means of a change in temperature .....	2002..	20	X	224 024
		1997..	N	X	N
3332941142	Other dairy and milk products plant machinery and equipment .....	2002..	22	X	44 487
		1997..	N	X	N
3332941171	Parts and attachments for dairy and milk products plant machinery and equipment (except bottling and packaging) .....	2002..	14	X	38 817
		1997..	13	X	40 296
3332941Y	Dairy and milk products plant machinery and equipment (except bottling and packaging), nsk .....	2002..	N	X	65 372
		1997..	N	X	3 490

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333294	Food product machinery manufacturing—Con.				
3332941	Dairy and milk products plant machinery and equipment (except bottling and packaging)—Con.				
3332941Y	Dairy and milk products plant machinery and equipment (except bottling and packaging), nsk—Con.				
3332941YVV	Dairy and milk products plant machinery and equipment (except bottling and packaging), nsk	2002.. N 1997.. N	X X	X X	65 372 3 490
3332943	Commercial food products machinery (except packaging machinery and food cooking and warming equipment)	2002.. N 1997.. N	X X	X X	991 450 943 885
33329431	Commercial food products slicers	2002.. N 1997.. N	X X	X X	88 113 98 212
3332943111	Commercial food products slicers	2002.. 12 1997.. 15	X X	X X	88 113 98 212
33329432	Commercial food products choppers, grinders, cutters, dicers, and similar machines	2002.. N 1997.. N	X X	X X	110 663 159 683
3332943221	Commercial food products choppers, grinders, cutters, dicers, and similar machines	2002.. 35 1997.. 36	X X	X X	110 663 159 683
33329433	Commercial food products mixers and whippers (except drink mixers)	2002.. N 1997.. N	X X	X X	88 372 89 555
3332943331	Commercial food products mixers and whippers (except drink mixers)	2002.. 15 1997.. 15	X X	X X	88 372 89 555
33329434	Other commercial food preparation machines, including tenderizers (power-driven) (except packaging machinery and food cooking and warming equipment)	2002.. N 1997.. N	X X	X X	135 149 156 499
3332943441	Other commercial food preparation machines, including tenderizers (power-driven) (except packaging machinery and food cooking and warming equipment)	2002.. 36 1997.. 40	X X	X X	135 149 156 499
33329435	Parts and attachments for commercial food preparation machines (except packaging machinery and food cooking and warming equipment)	2002.. N 1997.. N	X X	X X	169 581 120 384
3332943551	Parts and attachments for commercial food preparation machines (except packaging machinery and food cooking and warming equipment)	2002.. 51 1997.. 43	X X	X X	169 581 120 384
33329436	Industry bakery machinery and equipment	2002.. N 1997.. N	X X	X X	365 696 285 027
3332943661	Industrial bakery dough mixers, dividers, and molders	2002.. 16 1997.. 19	X X	X X	77 069 76 908
3332943671	Industrial bakery bake ovens (including traveling tray)	2002.. 16 1997.. 20	X X	X X	74 280 91 531
3332943681	Industrial rolling machines, including pastry machines for the manufacture of bakery products	2002.. 5 1997.. 5	X X	X X	15 028 9 187
3332943691	Other industrial bakery machinery and equipment	2002.. 42 1997.. 31	X X	X X	199 319 107 401
3332943Y	Commercial food products machinery (except packaging machinery and food cooking and warming equipment), nsk	2002.. N 1997.. N	X X	X X	33 876 34 525
3332943YVV	Commercial food products machinery (except packaging machinery and food cooking and warming equipment), nsk	2002.. N 1997.. N	X X	X X	33 876 34 525
3332945	Industrial machinery and equipment for manufacturing or processing foods, beverages, and animal and fowl feed	2002.. N 1997.. N	X X	X X	966 491 1 089 558
33329451	Other industrial food and feed machinery	2002.. N 1997.. N	X X	X X	453 939 532 834
3332945101	Industrial presses, crushers, and similar machinery used in the production of wine, cider, fruit juices, and similar beverages	2002.. 13 1997.. 13	X X	X X	48 547 54 316
3332945111	Other industrial machinery, for the preparation of fruits, vegetables, and nuts (not including the extraction or preparation of fixed vegetable oils)	2002.. 18 1997.. 9	X X	X X	34 383 13 553
3332945116	Industrial machinery and equipment for freezing and rapid chilling of food products	2002.. 10 1997.. 17	X X	X X	18 174 26 892
3332945121	Industrial driers for the manufacture of food products	2002.. 7 1997.. 7	X X	X X	D 30 576
3332945131	Other industrial machinery and equipment, for treating food products by a process involving a change in temperature (including cooking and roasting)	2002.. 22 1997.. 28	X X	X X	69 694 85 670
3332945135	Industrial machines for cleaning, sorting, or grading seed, grain, and dried leguminous vegetables	2002.. 13 1997.. 6	X X	X X	24 044 16 201
3332945141	Other industrial machinery used in the milling industry and for working of cereals and dried leguminous vegetables	2002.. 4 1997.. 3	X X	X X	11 734 1 999
3332945151	Other industrial machinery for the extraction and preparation of animal and fixed vegetable fats and oils	2002.. 3 1997.. 4	X X	X X	D 8 179
3332945161	Other industrial food and feed products machinery	2002.. 45 1997.. 66	X X	X X	231 007 295 448
33329452	Other industrial machinery for sorting, grading, and cleaning fruits, vegetables, and eggs and other machinery for processing and preparing meat and poultry	2002.. N 1997.. N	X X	X X	282 521 297 454

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333294	Food product machinery manufacturing—Con.				
3332945	Industrial machinery and equipment for manufacturing or processing foods, beverages, and animal and fowl feed—Con.				
33329452	Other industrial machinery for sorting, grading, and cleaning fruits, vegetables, and eggs and other machinery for processing and preparing meat and poultry—Con.				
3332945206	Industrial machinery for sorting, grading, and cleaning fruits, vegetables, and eggs	2002.. 23 1997.. 30	X X	X X	74 887 98 395
3332945208	Other industrial machinery and equipment for processing and preparing meat and poultry (excluding the extraction and preparation of oils)	2002.. 39 1997.. 37	X X	X X	207 634 199 059
33329453	Parts and attachments for industrial food and feed products machinery	2002.. N 1997.. N	X X	X X	152 068 188 311
3332945371	Parts and attachments for bakery furnaces and ovens	2002.. 5 1997.. 4	X X	X X	6 767 3 694
3332945376	Parts and attachments for presses, crushers, and similar machinery used in the production of wine, cider, fruit juices, and similar beverages	2002.. 2 1997.. 6	X X	X X	766 4 480
3332945381	Parts and attachments for sorting, grading, and cleaning fruits, vegetables, and eggs	2002.. 11 1997.. 11	X X	X X	5 224 17 669
3332945392	Other parts and attachments for industrial food products machinery	2002.. 43 1997.. N	X X	X X	139 311 N
3332945Y	Industrial machinery and equipment for manufacturing or processing foods, beverages, and animal or fowl feed, nsk	2002.. N 1997.. N	X X	X X	77 963 70 959
3332945YVV	Industrial machinery and equipment for manufacturing or processing foods, beverages, and animal or fowl feed, nsk	2002.. N 1997.. N	X X	X X	77 963 70 959
333294W	Food product machinery manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	252 777 245 100
333294WY	Food product machinery manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	252 777 245 100
333294WYWW	Food product machinery manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	180 508 110 214
333294WYWY	Food product machinery manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	72 269 134 886
333295	Semiconductor machinery manufacturing	2002.. N 1997.. N	X X	X X	10 874 752 10 072 595
3332950	Semiconductor manufacturing equipment (except furnaces and ovens, instruments, and photographs)	2002.. N 1997.. N	X X	X X	10 874 752 10 072 595
33329501	Semiconductor wafer processing equipment, thin layer chemical vapor deposition	2002.. N 1997.. N	X X	X X	1 059 179 1 029 182
3332950106	Semiconductor wafer processing equipment, thin layer chemical vapor deposition	2002.. 23 1997.. 11	X X	X X	1 059 179 1 029 182
33329502	Semiconductor wafer processing equipment, thin layer physical vapor deposition	2002.. N 1997.. N	X X	X X	D 658 280
3332950211	Semiconductor wafer processing equipment, thin layer physical vapor deposition	2002.. 21 1997.. 8	X X	X X	D 658 280
33329503	Semiconductor wafer processing equipment, plasma etch	2002.. N 1997.. N	X X	X X	D 793 702
3332950326	Semiconductor wafer processing equipment, plasma etch	2002.. 6 1997.. 10	X X	X X	D 793 702
33329504	Other semiconductor equipment	2002.. N 1997.. N	X X	X X	6 313 021 4 987 189
3332950401	Microlithography, including aligners and other lithography systems	2002.. 13 1997.. 10	X X	X X	399 891 430 515
3332950416	Semiconductor wafer processing equipment, thin layer epitaxial growth deposition	2002.. 6 1997.. 6	X X	X X	128 565 95 874
3332950421	Semiconductor wafer processing equipment, wet etch	2002.. 11 1997.. 11	X X	X X	244 766 262 057
3332950434	Semiconductor wafer processing equipment, reactive ion etch and stripping systems	2002.. 4 1997.. N	X X	X X	D N
3332950441	Ion implantation including current and voltage ion implanters	2002.. 41 1997.. 15	X X	X X	522 124 867 453
3332950446	Wafer processing equipment used to saw (slice) blank wafers from crystal boules	2002.. 3 1997.. 2	X X	X X	D D
3332950451	Wafer processing equipment used to grind and polish semiconductor wafers	2002.. 3 1997.. 4	X X	X X	5 673 D
3332950456	Wafer processing equipment, pattern generating apparatus used to produce masks and reticles from photoresist coated substrates (except focused ion beam milling machines)	2002.. 8 1997.. 11	X X	X X	75 638 315 270
3332950461	Other semiconductor wafer processing equipment	2002.. 53 1997.. 59	X X	X X	4 804 070 1 987 802
3332950468	Semiconductor assembly dicing machines, including saws and scribing-fracturing machines, die bonding, and wire bonding	2002.. 6	X	X	12 905

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
333295	Semiconductor machinery manufacturing—Con.					
3332950	Semiconductor manufacturing equipment (except furnaces and ovens, instruments, and photographic)—Con.					
33329504	Other semiconductor equipment—Con.					
3332950468	Semiconductor assembly dicing machines, including saws and scribing-fracturing machines, die bonding, and wire bonding—Con.	1997..	N	X	X	N
33329505	Parts for semiconductor manufacturing machinery, including packaging equipment.....	2002..	N	X	X	1 850 733
		1997..	N	X	X	2 350 611
3332950581	Packaging equipment, including mold and seal equipment and finish and mark equipment.....	2002..	8	X	X	D
		1997..	9	X	X	64 116
3332950586	Other assembly and packaging equipment, including lead frame inserting machines.....	2002..	9	X	X	73 848
		1997..	14	X	X	D
3332950591	Parts for machine tools used to produce and process semiconductor wafers.....	2002..	18	X	X	211 651
		1997..	19	X	X	66 395
3332950596	Parts for ion beam and plasma machines used to process semiconductor wafers and designs by removal of material.....	2002..	2	X	X	D
		1997..	8	X	X	70 161
33329505A1	Parts for ion implanters used for doping semiconductor wafers.....	2002..	3	X	X	D
		1997..	5	X	X	102 996
33329505A6	Parts for apparatus used for the projection of circuit patterns on sensitized semiconductor materials.....	2002..	1	X	X	D
		1997..	1	X	X	D
33329505B1	Parts for pattern generating apparatus used to produce masks and reticles from photoresist coated substrates.....	2002..	2	X	X	D
		1997..	5	X	X	D
33329505B6	Other parts for semiconductor manufacturing machinery.....	2002..	46	X	X	1 230 131
		1997..	50	X	X	1 172 552
3332950Y	Semiconductor manufacturing equipment (except furnaces and ovens, instruments, and photographic), nsk, total.....	2002..	N	X	X	188 811
		1997..	N	X	X	253 631
3332950YWW	Semiconductor manufacturing equipment (except furnaces and ovens, instruments, and photographic), nsk, for nonadministrative-record establishments.....	2002..	N	X	X	152 867
		1997..	N	X	X	228 201
3332950YWY	Semiconductor manufacturing equipment (except furnaces and ovens, instruments, and photographic), nsk, for administrative-record establishments.....	2002..	N	X	X	35 944
		1997..	N	X	X	25 430
333298	All other industrial machinery manufacturing.....	2002..	N	X	X	7 100 484
		1997..	N	X	X	7 908 464
3332981	Chemical manufacturing machinery, equipment, and parts.....	2002..	N	X	X	1 376 444
		1997..	N	X	X	1 311 474
33329811	Chemical manufacturing mixing, kneading, crushing, grinding, sifting, homogenizing (except dairy), emulsifying, or stirring machines.....	2002..	N	X	X	209 088
		1997..	N	X	X	290 507
3332981121	Chemical manufacturing mixing, kneading, crushing, grinding, sifting, homogenizing (except dairy), emulsifying, or stirring machines.....	2002..	47	X	X	209 088
		1997..	47	X	X	290 507
33329812	Other chemical manufacturing machines and equipment.....	2002..	N	X	X	927 807
		1997..	N	X	X	862 331
3332981201	Chemical manufacturing distilling, rectifying, and fractionating machinery and equipment.....	2002..	18	X	X	72 629
		1997..	12	X	X	78 382
3332981206	Chemical manufacturing heat exchange units.....	2002..	17	X	X	103 677
		1997..	14	X	X	104 092
3332981211	Chemical manufacturing dryers.....	2002..	13	X	X	63 004
		1997..	24	X	X	82 280
3332981216	Chemical manufacturing gas or air liquefying machinery.....	2002..	7	X	X	82 235
		1997..	5	X	X	95 507
3332981226	Other chemical manufacturing machines and equipment.....	2002..	52	X	X	606 262
		1997..	49	X	X	502 070
33329813	Parts for chemical manufacturing machinery and equipment.....	2002..	N	X	X	229 435
		1997..	N	X	X	137 119
3332981331	Parts for chemical manufacturing distilling, rectifying, fractionating, heat exchange, dryers, gas and air liquefying machinery and equipment.....	2002..	7	X	X	29 131
		1997..	15	X	X	34 777
3332981336	Parts for other chemical manufacturing machinery and equipment.....	2002..	35	X	X	200 304
		1997..	37	X	X	102 342
3332981Y	Chemical manufacturing machinery, equipment, and parts, nsk.....	2002..	N	X	X	10 114
		1997..	N	X	X	21 517
3332981YVV	Chemical manufacturing machinery, equipment, and parts, nsk.....	2002..	N	X	X	10 114
		1997..	N	X	X	21 517
3332983	Foundry machinery and equipment, excluding patterns and molds.....	2002..	N	X	X	387 893
		1997..	N	X	X	367 622
33329831	Foundry machinery and equipment, excluding patterns and molds.....	2002..	N	X	X	247 544
		1997..	N	X	X	275 454
3332983101	Foundry pouring equipment, including ladles, crucibles, and pouring machines.....	2002..	14	X	X	24 111
		1997..	16	X	X	23 754
3332983106	Foundry molding and core-making machines.....	2002..	14	X	X	19 644
		1997..	10	X	X	27 293

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333298	All other industrial machinery manufacturing—Con.				
3332983	Foundry machinery and equipment, excluding patterns and molds—Con.				
33329831	Foundry machinery and equipment, excluding patterns and molds—Con.				
3332983111	Foundry casting machines, except die casting machines, patterns, and molds .....	2002.. 7 1997.. 10	X X	X X	23 605 19 733
3332983116	Foundry blast cleaning machines (hydraulic, pneumatic, and airless) .....	2002.. 12 1997.. 13	X X	X X	66 996 79 425
3332983121	Other foundry machinery and equipment (including converters), excluding patterns and molds .....	2002.. 22 1997.. 30	X X	X X	113 188 125 249
33329832	Parts for foundry blast cleaning machines .....	2002.. N 1997.. N	X X	X X	137 876 84 521
3332983226	Parts for foundry blast cleaning machines .....	2002.. 4 1997.. 7	X X	X X	8 166 11 901
3332983231	Other parts for foundry machinery and equipment .....	2002.. 20 1997.. 31	X X	X X	129 710 72 620
3332983Y	Foundry machinery and equipment, excluding patterns and molds, nsk .....	2002.. N 1997.. N	X X	X X	2 473 7 647
3332983YVV	Foundry machinery and equipment, excluding patterns and molds, nsk .....	2002.. N 1997.. N	X X	X X	2 473 7 647
3332985	Printed circuit board manufacturing machinery, except testing .....	2002.. N 1997.. N	X X	X X	978 179 941 482
33329851	Through-hole printed circuit board manufacturing machinery, except testing .....	2002.. N 1997.. N	X X	X X	236 363 250 236
3332985106	Through-hole printed circuit board manufacturing machinery, except testing .....	2002.. 18 1997.. 34	X X	X X	236 363 250 236
33329852	Other printed circuit board manufacturing machinery and equipment (including parts, accessories, and attachments), except testing .....	2002.. N 1997.. N	X X	X X	612 810 583 262
3332985201	Surface mount printed circuit board manufacturing machinery, except testing .....	2002.. 23 1997.. 55	X X	X X	401 883 360 263
3332985211	Other printed circuit board manufacturing machinery and equipment, except testing .....	2002.. 30 1997.. 41	X X	X X	210 927 222 999
33329853	Parts, attachments, and accessories for printed circuit board manufacturing machinery and equipment, except testing .....	2002.. N 1997.. N	X X	X X	104 092 73 759
3332985316	Parts, attachments, and accessories for printed circuit board manufacturing machinery and equipment, except testing .....	2002.. 15 1997.. 28	X X	X X	104 092 73 759
3332985Y	Printed circuit board manufacturing machinery, except testing, nsk .....	2002.. N 1997.. N	X X	X X	24 914 34 225
3332985YVV	Printed circuit board manufacturing machinery, except testing, nsk .....	2002.. N 1997.. N	X X	X X	24 914 34 225
3332987	All other miscellaneous special industry machinery and equipment .....	2002.. N 1997.. N	X X	X X	3 734 971 4 379 791
33329871	Other special industry machines, including petroleum refining, ammunition, grinding or polishing machines for glass working, and other machines .....	2002.. N 1997.. N	X X	X X	993 968 1 058 507
3332987101	Petroleum refining, distilling, and fractionating machinery and equipment .....	2002.. 11 1997.. 13	X X	X X	256 170 207 505
3332987106	Petroleum refining heat exchange units .....	2002.. 3 1997.. 1	X X	X D	D D
3332987111	Other petroleum refining machinery .....	2002.. 3 1997.. 2	X X	X X	D D
3332987121	Ammunition and explosive loading machinery, except parts .....	2002.. 1 1997.. 4	X X	X X	D 8 291
3332987131	Tobacco processing machinery, except parts .....	2002.. 6 1997.. 10	X X	X X	27 315 37 710
3332987141	Sawing machines for working stone, ceramics, and similar materials (including glass) .....	2002.. 9 1997.. 7	X X	X X	32 033 14 678
3332987146	Grinding or polishing machines for glass working .....	2002.. 5 1997.. 4	X X	X X	24 291 D
3332987151	Grinding or polishing machines for working stone, ceramics, and similar materials (except glass) .....	2002.. 7 1997.. 8	X X	X X	22 458 16 358
3332987156	Other special industry glass working machines .....	2002.. 11 1997.. 6	X X	X X	27 846 42 840
3332987161	Other special industry machines for working stone, ceramics, and similar materials (except glass) .....	2002.. 11 1997.. 6	X X	X X	73 811 11 899
3332987171	Clay products forming equipment (brick, tile, ceramic), except parts .....	2002.. 7 1997.. 5	X X	X X	9 331 12 500
3332987183	Concrete block and other forming equipment, except parts .....	2002.. 17 1997.. N	X X	X X	108 503 N
3332987196	Cement making machinery, except parts .....	2002.. 10 1997.. 5	X X	X X	41 285 48 931
33329871B6	Cotton ginning machinery, except parts <sup>33</sup> .....	2002.. 7 1997.. 8	X X	X X	34 480 63 890

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333298	All other industrial machinery manufacturing—Con.				
3332987	All other miscellaneous special industry machinery and equipment—Con.				
33329871	Other special industry machines, including petroleum refining, ammunition, grinding or polishing machines for glass working, and other machines—Con.				
33329871C6	Fuel fired kilns for cement, wood, and chemical processing (including parts) .....	2002.. 15 1997.. 7	X X	X X	52 301 61 460
33329871G9	Distilling and rectifying equipment and heat exchange units for desalinization .....	2002.. 2 1997.. N	X X	X X	D N
33329871H9	Filtering and purifying machinery and apparatus for desalinization .....	2002.. 14 1997.. N	X X	X X	100 329 N
33329871K1	Footware manufacturing and repairing machinery, except shoe sole stitching machines (including parts) .....	2002.. 3 1997.. 8	X X	X X	8 156 15 405
33329871K6	Industrial sewing machine heads (including shoe sole stitching machine heads) .....	2002.. 5 1997.. 12	X X	X X	27 946 45 003
33329871M1	Automatic industrial sewing machinery .....	2002.. 5 1997.. 13	X X	X X	9 578 58 995
33329871M6	Non-automatic industrial sewing machinery .....	2002.. 2 1997.. 7	X X	X X	D 15 004
33329871N1	Industrial sewing machine furniture (including parts and attachments) .....	2002.. 12 1997.. 17	X X	X X	64 313 53 452
33329871N6	Machines for insulating electrical wire for cable (including parts) .....	2002.. 4 1997.. 2	X X	X X	10 982 D
33329871P1	Electric battery manufacturing machinery, except parts .....	2002.. 8 1997.. 10	X X	X X	17 274 43 541
33329871R3	Household sewing machines and parts (including heads for sale with cabinets or cases, and heads for sale separately) .....	2002.. 3 1997.. N	X X	X X	1 768 N
33329872	Parts for special industry machinery and equipment .....	2002.. N 1997.. N	X X	X X	236 111 374 548
3332987216	Parts for petroleum refining machinery .....	2002.. 3 1997.. 5	X X	X X	1 434 D
3332987226	Parts for ammunition and explosive loading machinery .....	2002.. 2 1997.. —	X X	X X	D —
3332987236	Parts for tobacco processing machinery .....	2002.. 2 1997.. 6	X X	X X	D 13 326
3332987266	Parts for machines for working stone, ceramics, and similar materials (including glass) .....	2002.. 6 1997.. 10	X X	X X	7 675 11 809
3332987276	Parts for clay products forming equipment (brick, tile, ceramic) .....	2002.. 2 1997.. 4	X X	X X	D 17 794
3332987291	Parts for concrete products forming equipment .....	2002.. 12 1997.. 7	X X	X X	102 292 58 186
33329872A1	Parts for cement making machinery .....	2002.. 1 1997.. 5	X X	X X	D 9 176
33329872B1	Parts for glassmaking machinery and equipment .....	2002.. 9 1997.. 19	X X	X X	26 648 137 688
33329872C1	Parts for cotton ginning machinery <sup>33</sup> .....	2002.. 5 1997.. 8	X X	X X	21 982 18 992
33329872D6	Parts for electroplating equipment .....	2002.. 9 1997.. 8	X X	X X	3 857 8 368
33329872F6	Parts for metal finishing equipment .....	2002.. 9 1997.. 12	X X	X X	23 859 7 551
33329872J6	Parts of desalinization equipment .....	2002.. 3 1997.. 2	X X	X X	16 628 D
33329872P6	Parts for electric battery making machines .....	2002.. 7 1997.. 8	X X	X X	7 870 8 033
33329873	Vibratory metal finishing machines, except parts .....	2002.. N 1997.. N	X X	X X	186 631 294 706
33329873D1	Electroplating equipment, except rolling mill lines (except parts) .....	2002.. 11 1997.. 13	X X	X X	27 552 56 997
33329873E6	Metal plating equipment, except electroplating (except parts) .....	2002.. 9 1997.. 9	X X	X X	16 562 10 877
33329873E1	Vibratory finishing machines, except parts .....	2002.. 4 1997.. 6	X X	X X	2 389 5 155
33329873F1	Other metal finishing equipment, except electroplating and rolling mill equipment (except parts) .....	2002.. 23 1997.. 20	X X	X X	73 590 117 620
33329873G1	Metal degreasing machines, including parts .....	2002.. 11 1997.. 17	X X	X X	66 538 104 057
33329874	Glassmaking machinery and equipment, including machines for hot working glass or glassware (except parts) .....	2002.. N 1997.. N	X X	X X	156 662 205 818
33329874A6	Glassmaking machinery and equipment, including machines for hot working glass or glassware (except parts) .....	2002.. 10 1997.. 15	X X	X X	156 662 205 818
33329875	All other miscellaneous special industry machinery, including parts .....	2002.. N 1997.. N	X X	X X	1 876 980 2 071 237
33329875R1	All other miscellaneous special industry machinery, including parts .....	2002.. 294 1997.. 315	X X	X X	1 876 980 2 071 237
3332987Y	All other miscellaneous special industry machinery and equipment, nsk .....	2002.. N 1997.. N	X X	X X	284 619 374 975
3332987YVV	All other miscellaneous special industry machinery and equipment, nsk .....	2002.. N	X	X	284 619

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
333298	All other industrial machinery manufacturing—Con.					
3332987	All other miscellaneous special industry machinery and equipment—Con.					
3332987Y	All other miscellaneous special industry machinery and equipment, nsk—Con.					
3332987YVW	All other miscellaneous special industry machinery and equipment, nsk—Con.					
		1997..	N	X	X	374 975
333298W	All other industrial machinery manufacturing, nsk, total	2002..	N	X	X	622 997
		1997..	N	X	X	908 095
333298WY	All other industrial machinery manufacturing, nsk, total	2002..	N	X	X	622 997
		1997..	N	X	X	908 095
333298WYVW	All other industrial machinery manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	X	392 538
		1997..	N	X	X	682 777
333298WYVY	All other industrial machinery manufacturing, nsk, for administrative-record establishments	2002..	N	X	X	230 459
		1997..	N	X	X	225 318
333311	Automatic vending machine manufacturing	2002..	N	X	X	1 326 091
		1997..	N	X	X	1 245 138
3333111	Automatic merchandising machines, coin-operated (vending) (excluding money changing machines and coin-operated mechanisms)	2002..	N	X	X	824 047
		1997..	N	X	X	924 347
33331111	Automatic merchandising machines, coin-operated (vending) (excluding money changing machines and coin-operated mechanisms)	2002..	N	X	X	824 047
		1997..	N	X	X	924 347
3333111100	Automatic merchandising machines, coin-operated (vending) (excluding money changing machines and coin-operated mechanisms)	2002..	45	X	X	824 047
		1997..	41	X	X	924 347
3333113	Automatic merchandising machines, coin-operated mechanisms, including time switches	2002..	N	X	X	124 903
		1997..	N	X	X	N
33331131	Coin-operated mechanisms for automatic merchandising machines (including parts)	2002..	N	X	X	38 881
		1997..	N	X	X	N
3333113157	Coin-operated mechanisms (time switches) and other coin-operated mechanisms	2002..	9	X	X	38 881
		1997..	N	X	X	N
33331132	Parts for automatic merchandising machines, money changing and dispensing machines	2002..	N	X	X	85 785
		1997..	N	X	X	N
3333113269	Parts for automatic merchandising machines, except coin-operated mechanisms	2002..	15	X	X	65 190
		1997..	N	X	X	N
3333113271	Parts for money changing and dispensing machines	2002..	4	X	X	20 595
		1997..	N	X	X	N
3333113Y	Automatic merchandising machines, coin-operated mechanisms, including time switches, nsk	2002..	N	X	X	237
		1997..	N	X	X	N
3333113YVW	Automatic merchandising machines, coin-operated mechanisms, including time switches, nsk	2002..	N	X	X	237
		1997..	N	X	X	N
3333114	Currency handling machines, including money changing and dispensing machines	2002..	N	X	X	317 889
		1997..	N	X	X	N
33331141	Currency handling machines, including money changing and dispensing machines	2002..	N	X	X	317 889
		1997..	N	X	X	N
3333114101	Machines for sorting, wrapping, counting, and other currency handling machines	2002..	3	X	X	D
		1997..	N	X	X	N
3333114105	Money changing and dispensing machines	2002..	10	X	X	D
		1997..	N	X	X	N
3333114Y	Currency handling machines, including money changing and dispensing machines, nsk	2002..	N	X	X	—
		1997..	N	X	X	N
3333114YVW	Currency handling machines, including money changing and dispensing machines, nsk	2002..	N	X	X	—
		1997..	N	X	X	N
333311W	Automatic vending machine manufacturing, nsk, total	2002..	N	X	X	59 252
		1997..	N	X	X	47 290
333311WY	Automatic vending machine manufacturing, nsk, total	2002..	N	X	X	59 252
		1997..	N	X	X	47 290
333311WYVW	Automatic vending machine manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	X	29 373
		1997..	N	X	X	1 087
333311WYVY	Automatic vending machine manufacturing, nsk, for administrative-record establishments	2002..	N	X	X	29 879
		1997..	N	X	X	46 203
333312	Commercial laundry, drycleaning, and pressing machine manufacturing	2002..	N	X	X	543 354
		1997..	N	X	X	574 333
3333120	Commercial laundry, drycleaning, and pressing machines	2002..	N	X	X	543 354
		1997..	N	X	X	574 333
33331201	Commercial laundry equipment, washers, and washer-extractor combinations	2002..	N	X	X	146 177
		1997..	N	X	X	161 849
3333120101	Commercial laundry equipment, washers, and washer-extractor combinations	2002..	16	X	X	146 177
		1997..	10	X	X	161 849
33331202	Commercial laundry drying tumblers, except parts, attachments and accessories	2002..	N	X	X	133 475

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333312	Commercial laundry, drycleaning, and pressing machine manufacturing—Con.				
3333120	Commercial laundry, drycleaning, and pressing machines—Con.				
33331202	Commercial laundry drying tumblers, except parts, attachments and accessories—Con.	1997..	N	X	X 107 162
3333120211	Commercial coin-operated laundry drying tumblers, more than 10 kg (22 lb) load capacity, except parts, attachments, and accessories .....	2002..	4	X	X 97 554
		1997..	5	X	X 69 382
3333120231	Commercial laundry drying tumblers, centrifugal and compaction extractor .....	2002..	2	X	X D
		1997..	N	X	X N
3333120241	Commercial laundry drying tumblers, except centrifugal dryers and coin-operated machines, more than 10kg (22 lb.) load capacity, except parts, attachments, and accessories .....	2002..	4	X	X D
		1997..	6	X	X 37 780
33331203	Other commercial laundry equipment, except parts, attachments, and accessories .....	2002..	N	X	X 127 359
		1997..	N	X	X 117 262
3333120351	Commercial laundry presses, more than 10 kg (22 lb) load capacity, except parts, attachments, and accessories .....	2002..	7	X	X 32 894
		1997..	8	X	X 48 154
3333120361	Commercial laundry equipment, flatwork ironers .....	2002..	4	X	X 25 497
		1997..	2	X	X D
3333120366	Other commercial laundry equipment (more than 10kg (22 lb) load capacity) including extractors only, except parts, attachments, and accessories .....	2002..	8	X	X 68 968
		1997..	13	X	X D
33331204	Parts, attachments, and accessories for commercial laundry equipment and presses .....	2002..	N	X	X 91 667
		1997..	N	X	X 91 559
3333120471	Parts, attachments, and accessories for commercial laundry equipment and presses, more than 10 kg (22 lb) load capacity .....	2002..	19	X	X 54 517
		1997..	22	X	X 74 684
3333120491	Parts, attachments, and accessories for commercial drycleaning equipment and clothing presses .....	2002..	7	X	X 37 150
		1997..	9	X	X 16 875
33331205	Commercial drycleaning machines and presses, including garment manufacturers' needle trades presses, reclaiming units, etc., except parts, attachments, and accessories .....	2002..	N	X	X 32 228
		1997..	N	X	X 62 762
3333120577	Commercial drycleaning machines .....	2002..	4	X	X 7 761
		1997..	6	X	X 17 032
3333120581	Commercial drycleaning presses and garment manufactures' (needle trades) presses .....	2002..	5	X	X 14 323
		1997..	5	X	X 16 106
3333120586	Other commercial drycleaning and presses machinery .....	2002..	6	X	X 10 144
		1997..	7	X	X 29 624
3333120Y	Commercial laundry, drycleaning, and pressing machines, nsk, total .....	2002..	N	X	X 12 448
		1997..	N	X	X 33 739
3333120YWW	Commercial laundry, drycleaning, and pressing machines, nsk, for nonadministrative-record establishments .....	2002..	N	X	X 2 240
		1997..	N	X	X 18 339
3333120YWY	Commercial laundry, drycleaning, and pressing machines, nsk, for administrative-record establishments .....	2002..	N	X	X 10 208
		1997..	N	X	X 15 400
333313	Office machinery manufacturing .....	2002..	N	X	X 2 533 664
		1997..	N	X	X 2 870 386
3333131	Automatic typing and word processing machines, including parts and attachments .....	2002..	N	X	X D
		1997..	N	X	X D
33331311	Automatic typing and word processing machines, including parts and attachments .....	2002..	N	X	X D
		1997..	N	X	X D
3333131100	Automatic typing and word processing machines, including parts and attachments <sup>36</sup> .....	2002..	4	X	X D
		1997..	5	X	X D
3333137	Duplicating machines, except parts and attachments .....	2002..	N	X	X D
		1997..	N	X	X 129 535
33331371	Duplicating machines, except parts and attachments .....	2002..	N	X	X D
		1997..	N	X	X 129 535
3333137100	Duplicating machines, except parts and attachments <sup>36</sup> .....	2002..	3	X	X D
		1997..	9	X	X 129 535
333313A	Mailing, letter handling, and addressing machines, except parts and attachments .....	2002..	N	X	X 2 044 821
		1997..	N	X	X 1 405 817
333313A1	Mailing, letter handling, and addressing machines, except parts and attachments .....	2002..	N	X	X 2 044 821
		1997..	N	X	X 1 405 817
333313A100	Mailing, letter handling, and addressing machines, except parts and attachments <sup>36</sup> .....	2002..	22	X	X 2 044 821
		1997..	29	X	X 1 405 817
333313E	Other electric office machines, including electric pencil sharpeners and electric staplers .....	2002..	N	X	X 77 721
		1997..	N	X	X N
333313E1	Other electric office machines, including electric pencil sharpeners and electric staplers .....	2002..	N	X	X 77 721
		1997..	N	X	X N
333313E100	Other electric office machines, including electric pencil sharpeners and electric staplers <sup>36</sup> .....	2002..	7	X	X 77 721
		1997..	N	X	X N
333313H	Other office machinery manufacturing .....	2002..	N	X	X 85 316

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333313	Office machinery manufacturing—Con.				
333313H	Other office machinery manufacturing—Con.				
		1997..	N	X	X
		2002..	N	X	X
333313H1	Other office machinery manufacturing .....	1997..	N	X	X
		2002..	N	X	X
333313H100	Other office machinery manufacturing <sup>36</sup> .....	2002..	10	X	X
		1997..	N	X	X
333313J	All other miscellaneous parts and attachments for office machines .....	2002..	N	X	X
		1997..	N	X	X
333313J1	All other miscellaneous parts and attachments for office machines .....	2002..	N	X	X
		1997..	N	X	X
333313J100	All other miscellaneous parts and attachments for office machines <sup>36</sup> .....	2002..	22	X	X
		1997..	40	X	X
333313W	Office machinery manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
333313WY	Office machinery manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
333313WYWW	Office machinery manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
333313WYWY	Office machinery manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
333314	Optical instrument and lens manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3333141	Sighting, tracking, and fire-control equipment, optical-type .....	2002..	N	X	X
		1997..	N	X	X
33331411	Sighting, tracking, and fire-control equipment, optical-type .....	2002..	N	X	X
		1997..	N	X	X
3333141100	Sighting, tracking, and fire-control equipment, optical-type <sup>30</sup> .....	2002..	45	X	X
		1997..	69	X	X
3333143	All other miscellaneous optical instruments and lenses .....	2002..	N	X	X
		1997..	N	X	X
33331431	Binoculars and astronomical instruments .....	2002..	N	X	X
		1997..	N	X	X
3333143110	Binoculars and astronomical instruments <sup>30</sup> .....	2002..	17	X	X
		1997..	22	X	X
33331432	Other optical instruments and lenses (except sighting, tracking, and fire-control) .....	2002..	N	X	X
		1997..	N	X	X
3333143230	Other optical instruments and lenses (except sighting, tracking, and fire-control) <sup>30</sup> .....	2002..	187	X	X
		1997..	239	X	X
3333143Y	All other miscellaneous optical instruments and lenses, nsk .....	2002..	N	X	X
		1997..	N	X	X
3333143YWW	All other miscellaneous optical instruments and lenses, nsk .....	2002..	N	X	X
		1997..	N	X	X
333314W	Optical instrument and lens manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
333314WY	Optical instrument and lens manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
333314WYWW	Optical instrument and lens manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
333314WYWY	Optical instrument and lens manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
333315	Photographic and photocopying equipment manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3333151	Still picture photographic equipment .....	2002..	N	X	X
		1997..	N	X	X
33331511	Still cameras (hand-type cameras, process cameras for photoengraving and photolithography, and other still cameras) .....	2002..	N	X	X
		1997..	N	X	X
3333151101	Still cameras (hand-type cameras, process cameras for photoengraving and photolithography, and other still cameras) .....	2002..	20	X	X
		1997..	15	X	X
33331512	Projectors, except rear screen viewers .....	2002..	N	X	X
		1997..	N	X	X
3333151206	Projectors, except rear screen viewers .....	2002..	6	X	X
		1997..	10	X	X
33331513	Still picture commercial-type processing equipment for film .....	2002..	N	X	X
		1997..	N	X	X
3333151311	Still picture commercial-type processing equipment for film .....	2002..	12	X	X
		1997..	9	X	X
33331514	All other still picture commercial-type processing equipment (developing machines, motor-operated print washers and driers, etc.) .....	2002..	N	X	X
		1997..	N	X	X
3333151416	All other still picture commercial-type processing equipment (developing machines, motor-operated print washers and driers, etc.) .....	2002..	6	X	X
		1997..	15	X	X

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333315	Photographic and photocopying equipment manufacturing—Con.				
3333151	Still picture photographic equipment—Con.				
33331515	Other still picture equipment, parts, attachments, and accessories, including photographic laser systems and equipment (excluding projection screens) .....	2002.. N	X	X	266 475
		1997.. N	X	X	463 156
3333151521	Other still picture equipment, parts, attachments, and accessories, including photographic laser systems and equipment (excluding projection screens) .....	2002.. 24	X	X	266 475
		1997.. 36	X	X	463 156
3333151Y	Still picture photographic equipment, nsk .....	2002.. N	X	X	4 166
		1997.. N	X	X	55 307
3333151YWV	Still picture photographic equipment, nsk .....	2002.. N	X	X	4 166
		1997.. N	X	X	55 307
3333153	Photocopying equipment, including diffusion transfer, dye transfer, electrostatic, light and heat sensitive types, etc. ....	2002.. N	X	X	591 676
		1997.. N	X	X	D
33331531	Photocopying equipment, including diffusion transfer, dye transfer, electrostatic, light and heat sensitive types, etc. ....	2002.. N	X	X	591 676
		1997.. N	X	X	D
3333153100	Photocopying equipment, including diffusion transfer, dye transfer, electrostatic, light and heat sensitive types, etc. ....	2002.. 13	X	X	591 676
		1997.. 23	X	X	D
3333155	Microfilming, blueprinting, and whiteprinting equipment .....	2002.. N	X	X	20 710
		1997.. N	X	X	140 190
33331551	Microfilming equipment (including microfiche) .....	2002.. N	X	X	20 710
		1997.. N	X	X	D
3333155101	Microfilming equipment (including microfiche), cameras, including computer output .....	2002.. 3	X	X	10 451
		1997.. 8	X	X	13 192
3333155106	Microfilming equipment (including microfiche), microfilm readers, excluding handheld and service type .....	2002.. 2	X	X	D
		1997.. 3	X	X	D
3333155111	Microfilming equipment (including microfiche), microfilm reader-printers .....	2002.. 3	X	X	4 877
		1997.. 4	X	X	D
3333155116	Other microfilming equipment (including microfiche) .....	2002.. 4	X	X	D
		1997.. 12	X	X	112 530
33331552	Blueprinting and whiteprinting (direct process type) equipment .....	2002.. N	X	X	—
		1997.. N	X	X	D
3333155221	Blueprinting and whiteprinting (direct process type) equipment .....	2002.. —	X	X	—
		1997.. 3	X	X	D
3333155Y	Microfilming, blueprinting, and whiteprinting equipment, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	809
3333155YWV	Microfilming, blueprinting, and whiteprinting equipment, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	809
3333157	Motion picture equipment .....	2002.. N	X	X	386 057
		1997.. N	X	X	D
33331571	Motion picture equipment (all sizes 8 mm and greater), excluding projection screens and processing equipment .....	2002.. N	X	X	149 038
		1997.. N	X	X	240 422
3333157101	Motion picture equipment (all sizes 8 mm and greater), excluding projection screens and processing equipment .....	2002.. 13	X	X	149 038
		1997.. 20	X	X	240 422
33331572	Projection screens (for motion picture and/or still projection) .....	2002.. N	X	X	204 923
		1997.. N	X	X	D
3333157206	Projection screens (for motion picture and/or still projection) .....	2002.. 13	X	X	204 923
		1997.. 5	X	X	D
33331573	Motion picture processing equipment, all types, excluding motion picture still type equipment and interchangeable types .....	2002.. N	X	X	22 955
		1997.. N	X	X	D
3333157311	Motion picture processing equipment, all types, excluding motion picture still type equipment and interchangeable types .....	2002.. 5	X	X	22 955
		1997.. 8	X	X	D
3333157Y	Motion picture equipment, nsk .....	2002.. N	X	X	9 141
		1997.. N	X	X	2 841
3333157YWV	Motion picture equipment, nsk .....	2002.. N	X	X	9 141
		1997.. N	X	X	2 841
333315W	Photographic and photocopying equipment manufacturing, nsk, total .....	2002.. N	X	X	280 219
		1997.. N	X	X	403 771
333315WY	Photographic and photocopying equipment manufacturing, nsk, total .....	2002.. N	X	X	280 219
		1997.. N	X	X	403 771
333315WYWW	Photographic and photocopying equipment manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	129 203
		1997.. N	X	X	270 031
333315WYWY	Photographic and photocopying equipment manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	151 016
		1997.. N	X	X	133 740
333319	Other commercial and service industry machinery manufacturing .....	2002.. N	X	X	10 372 363
		1997.. N	X	X	8 888 524
3333191	Commercial cooking and food-warming equipment .....	2002.. N	X	X	2 176 980
		1997.. N	X	X	1 811 807
33331911	Commercial cooking equipment, including ranges, deep-fat fryers, griddles, toasters, coffee urns, pressure cookers (steam), etc., except electric .....	2002.. N	X	X	1 042 997
		1997.. N	X	X	712 835
3333191111	Commercial ranges, ovens, and broilers (except electric) .....	2002.. 32	X	X	561 200
		1997.. 34	X	X	426 176

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333319	Other commercial and service industry machinery manufacturing—Con.				
3333191	Commercial cooking and food-warming equipment—Con.				
33331911	Commercial cooking equipment, including ranges, deep-fat fryers, griddles, toasters, coffee urns, pressure cookers (steam), etc., except electric—Con.				
3333191116	Commercial deep-fat fryers (except electric) . . . . .	2002 . . . . . 13 1997 . . . . . 18	X X	X X	193 539 184 725
3333191121	Other commercial cooking equipment (griddles, toasters, coffee urns, pressure cookers (steam), etc.), except electric . . . . .	2002 . . . . . 23 1997 . . . . . 17	X X	X X	219 898 86 137
3333191131	Commercial food-warming equipment, including steam tables (except electric) . . . . .	2002 . . . . . 15 1997 . . . . . 8	X X	X X	68 360 15 797
33331912	Commercial electric cooking equipment, including ranges, deep-fat fryers, griddles, toasters, coffee makers, coffee urns, etc. . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	900 107 919 119
3333191241	Commercial electric ranges, ovens, and broilers . . . . .	2002 . . . . . 20 1997 . . . . . 28	X X	X X	204 345 185 090
3333191251	Commercial microwave stoves and ovens . . . . .	2002 . . . . . 6 1997 . . . . . 2	X X	X X	38 698 1 356
3333191261	Commercial electric deep-fat fryers . . . . .	2002 . . . . . 16 1997 . . . . . 24	X X	X X	116 552 91 320
3333191271	Other commercial electric cooking equipment, including griddles, toasters, coffee makers, coffee urns, etc. . . . .	2002 . . . . . 34 1997 . . . . . 37	X X	X X	327 612 439 662
3333191281	Commercial electric food-warming equipment, including hot-food server units and steam tables . . . . .	2002 . . . . . 26 1997 . . . . . 25	X X	X X	212 900 201 691
33331913	Parts and accessories for commercial cooking and food-warming equipment . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	199 882 162 412
3333191391	Parts and accessories for commercial cooking and food-warming equipment . . . . .	2002 . . . . . 46 1997 . . . . . 52	X X	X X	199 882 162 412
3333191Y	Commercial cooking and food-warming equipment, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	33 994 17 441
3333191YVV	Commercial cooking and food-warming equipment, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	33 994 17 441
3333193	Commercial and industrial vacuum cleaners, including parts and attachments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	455 637 595 165
33331931	Commercial and industrial central and portable vacuum cleaner systems, including parts and attachments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	335 342 276 497
3333193101	Commercial and industrial portable vacuum cleaners . . . . .	2002 . . . . . 36 1997 . . . . . 30	X X	X X	267 506 201 723
3333193111	Parts and attachments for commercial and industrial portable vacuum cleaners . . . . .	2002 . . . . . 18 1997 . . . . . 20	X X	X X	67 836 74 774
33331932	Commercial and industrial central vacuum cleaner systems, including parts and attachments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	120 295 318 325
3333193221	Commercial and industrial central vacuum cleaner systems, including parts and attachments . . . . .	2002 . . . . . 36 1997 . . . . . 15	X X	X X	120 295 318 325
3333193Y	Commercial and industrial vacuum cleaners, including parts and attachments, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	— 343
3333193YVV	Commercial and industrial vacuum cleaners, including parts and attachments, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	— 343
3333195	Automotive maintenance equipment, except handtools . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	613 888 630 972
33331951	Automotive maintenance equipment, except handtools . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	479 013 544 957
3333195101	Automotive frame and body alignment equipment, except handtools . . . . .	2002 . . . . . 9 1997 . . . . . 6	X X	X X	64 783 82 121
3333195106	Automotive wheel alignment equipment, except handtools . . . . .	2002 . . . . . 11 1997 . . . . . 9	X X	X X	107 274 145 760
3333195111	Automotive wheel balancing equipment, except handtools . . . . .	2002 . . . . . 5 1997 . . . . . 5	X X	X X	71 135 30 804
3333195116	Automotive tire and wheel mounting equipment, except handtools . . . . .	2002 . . . . . 6 1997 . . . . . 5	X X	X X	61 460 41 408
3333195121	Automotive brake service equipment, except handtools . . . . .	2002 . . . . . 8 1997 . . . . . 8	X X	X X	30 819 34 767
3333195126	All other automotive maintenance equipment, except handtools . . . . .	2002 . . . . . 25 1997 . . . . . 29	X X	X X	143 542 210 097
33331952	Parts and attachments for automotive maintenance equipment, except handtools (sold separately) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	126 134 81 424
3333195231	Parts and attachments for automotive maintenance equipment, except handtools (sold separately) . . . . .	2002 . . . . . 15 1997 . . . . . 13	X X	X X	126 134 81 424
3333195Y	Automotive maintenance equipment, except handtools, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	8 741 4 591
3333195YVV	Automotive maintenance equipment, except handtools, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	8 741 4 591
3333197	Electronic teaching machines, teaching aids, trainers, and simulators, including kits . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 197 865 779 213

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333319	Other commercial and service industry machinery manufacturing—Con.				
3333197	Electronic teaching machines, teaching aids, trainers, and simulators, including kits—Con.				
33331971	Electronic teaching machines, teaching aids, trainers, and simulators, including kits . . . . .	2002 . . . . . N	X	X	1 197 865
		1997 . . . . . N	X	X	779 213
3333197100	Electronic teaching machines, teaching aids, trainers, and simulators, including kits <sup>37</sup> . . . . .	2002 . . . . . 41	X	X	1 197 865
		1997 . . . . . 49	X	X	779 213
333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical . . . . .	2002 . . . . . N	X	X	5 321 824
		1997 . . . . . N	X	X	N
333319A1	Other service industry equipment . . . . .	2002 . . . . . N	X	X	4 179 045
		1997 . . . . . N	X	X	N
333319A101	Instantaneous service industry water heaters, including parts . . . . .	2002 . . . . . 11	X	X	41 722
		1997 . . . . . N	X	X	N
333319A106	All others service industry water heaters (including parts), more than 120 gallons (454.2 liters) capacity . . . . .	2002 . . . . . 6	X	X	D
		1997 . . . . . N	X	X	N
333319A111	Industrial water softeners . . . . .	2002 . . . . . 31	X	X	247 275
		1997 . . . . . N	X	X	N
333319A116	Farm, household, and commercial water softeners . . . . .	2002 . . . . . 22	X	X	354 246
		1997 . . . . . N	X	X	N
333319A146	Conveyor-type commercial dishwashing machines . . . . .	2002 . . . . . 6	X	X	68 159
		1997 . . . . . N	X	X	N
333319A151	All other commercial dishwashing machines . . . . .	2002 . . . . . 12	X	X	101 732
		1997 . . . . . N	X	X	N
333319A161	Sewage treatment equipment, distilling or rectifying . . . . .	2002 . . . . . 8	X	X	15 240
		1997 . . . . . N	X	X	N
333319A166	Sewage treatment equipment, filtering or purifying . . . . .	2002 . . . . . 48	X	X	481 424
		1997 . . . . . N	X	X	N
333319A171	Sewage treatment equipment, centrifuges . . . . .	2002 . . . . . 3	X	X	D
		1997 . . . . . N	X	X	N
333319A174	Other sewage treatment equipment . . . . .	2002 . . . . . 65	X	X	433 102
		1997 . . . . . N	X	X	N
333319A178	Commercial car, truck, and bus washing machinery and equipment . . . . .	2002 . . . . . 30	X	X	279 909
		1997 . . . . . N	X	X	N
333319A182	Service industry trash and garbage compactors . . . . .	2002 . . . . . 24	X	X	171 730
		1997 . . . . . N	X	X	N
333319A186	Sewer pipe and drain cleaning equipment . . . . .	2002 . . . . . 13	X	X	120 697
		1997 . . . . . N	X	X	N
333319A189	High-pressure (more than 1,000 p.s.i.) cleaning and blasting machinery and equipment (except foundry) . . . . .	2002 . . . . . 46	X	X	771 970
		1997 . . . . . N	X	X	N
333319A191	Barber and beauty shop furniture and equipment, excluding barber and beauty chairs . . . . .	2002 . . . . . 13	X	X	60 572
		1997 . . . . . N	X	X	N
333319A194	Electric hand-drying apparatus . . . . .	2002 . . . . . 5	X	X	22 982
		1997 . . . . . N	X	X	N
333319A196	Other service industry equipment . . . . .	2002 . . . . . 98	X	X	949 698
		1997 . . . . . N	X	X	N
333319A2	All other parts and attachments for service industry equipment . . . . .	2002 . . . . . N	X	X	359 538
		1997 . . . . . N	X	X	N
333319A221	Parts for water softeners (excluding tanks) . . . . .	2002 . . . . . 18	X	X	36 023
		1997 . . . . . N	X	X	N
333319A236	Parts and attachments for commercial and industrial floor and carpet cleaning equipment . . . . .	2002 . . . . . 19	X	X	149 888
		1997 . . . . . N	X	X	N
333319A256	Parts for commercial dishwashing machines . . . . .	2002 . . . . . 8	X	X	36 385
		1997 . . . . . N	X	X	N
333319A299	Parts for other service industry machines . . . . .	2002 . . . . . 54	X	X	137 242
		1997 . . . . . N	X	X	N
333319A3	Commercial and industrial floor and carpet cleaning machines, including waxing and polishing machines, except vacuum cleaners . . . . .	2002 . . . . . N	X	X	773 148
		1997 . . . . . N	X	X	N
333319A301	Carnival and amusement park equipment (ferris wheels, merry-go-rounds, etc.), excluding electric equipment, and coin-operated amusement machines . . . . .	2002 . . . . . 15	X	X	53 952
		1997 . . . . . N	X	X	N
333319A326	Commercial and industrial floor sanding and scrubbing machines . . . . .	2002 . . . . . 9	X	X	329 848
		1997 . . . . . N	X	X	N
333319A331	Commercial and industrial carpet cleaning equipment, including sweepers (except vacuum cleaners) . . . . .	2002 . . . . . 23	X	X	294 492
		1997 . . . . . N	X	X	N
333319A341	Other commercial and industrial floor and carpet cleaning machines, including waxing and polishing machines, except vacuum cleaners . . . . .	2002 . . . . . 17	X	X	94 856
		1997 . . . . . N	X	X	N
333319AY	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical, nsk . . . . .	2002 . . . . . N	X	X	10 093
		1997 . . . . . N	X	X	N
333319AYWV	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical, nsk . . . . .	2002 . . . . . N	X	X	10 093
		1997 . . . . . N	X	X	N
333319W	Other commercial and service industry machinery manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	606 169
		1997 . . . . . N	X	X	463 967
333319WY	Other commercial and service industry machinery manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	606 169
		1997 . . . . . N	X	X	463 967

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
333319	Other commercial and service industry machinery manufacturing—Con.					
333319W	Other commercial and service industry machinery manufacturing, nsk, total—Con.					
333319WY	Other commercial and service industry machinery manufacturing, nsk, total—Con.					
333319WYWW	Other commercial and service industry machinery manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	375 920
		1997..	N	X	X	246 923
333319WYWY	Other commercial and service industry machinery manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	230 249
		1997..	N	X	X	217 044
333411	Air purification equipment manufacturing .....	2002..	N	X	X	2 038 235
		1997..	N	X	X	2 101 717
3334111	Dust collection and other air purification equipment for industrial gas cleaning systems .....	2002..	N	X	X	636 450
		1997..	N	X	X	711 872
33341111	Dust collection and other air purification equipment for industrial gas cleaning systems (for cleaning outgoing air) .....	2002..	N	X	X	577 771
		1997..	N	X	X	636 882
3334111110	Dust collection and other air purification equipment for industrial gas cleaning systems (for cleaning outgoing air), except parts .....	2002..	66	X	X	517 252
		1997..	49	X	X	516 958
3334111165	Parts for industrial air purification equipment .....	2002..	25	X	X	60 519
		1997..	28	X	X	119 924
3334111Y	Dust collection and other air purification equipment for industrial gas cleaning systems, nsk .....	2002..	N	X	X	58 679
		1997..	N	X	X	74 990
3334111YWV	Dust collection and other air purification equipment for industrial gas cleaning systems, nsk .....	2002..	N	X	X	58 679
		1997..	N	X	X	74 990
3334113	Dust collection and other air purification equipment for cleaning incoming air .....	2002..	N	X	X	1 340 018
		1997..	N	X	X	1 296 305
33341131	Air filters for air-conditioners and furnaces, etc., of 2400 CFM or less, except parts .....	2002..	N	X	X	702 884
		1997..	N	X	X	273 170
3334113103	Air filters for air-conditioners and furnaces, etc., of 2400 CFM or less, except parts .....	2002..	54	X	X	702 884
		1997..	39	X	X	273 170
33341132	Other dust collection and air purification equipment, except parts .....	2002..	N	X	X	537 870
		1997..	N	X	X	876 394
3334113207	Air washers (purification equipment for cleaning incoming air), except parts .....	2002..	21	X	X	74 426
		1997..	6	X	X	11 930
3334113211	Electrostatic precipitation dust collection and air purification equipment, except parts .....	2002..	19	X	X	99 526
		1997..	17	X	X	165 316
3334113231	All other dust collection and air purification equipment (including air filters for air-conditioners and furnaces), except parts .....	2002..	86	X	X	363 918
		1997..	87	X	X	699 148
33341133	Parts for dust collection and air purification equipment .....	2002..	N	X	X	50 015
		1997..	N	X	X	36 174
3334113355	Parts for dust collection and air purification equipment .....	2002..	28	X	X	50 015
		1997..	18	X	X	36 174
3334113Y	Dust collection and other air purification equipment for cleaning incoming air, nsk .....	2002..	N	X	X	49 249
		1997..	N	X	X	110 567
3334113YWV	Dust collection and other air purification equipment for cleaning incoming air, nsk .....	2002..	N	X	X	49 249
		1997..	N	X	X	110 567
333411W	Air purification equipment manufacturing, nsk, total .....	2002..	N	X	X	61 767
		1997..	N	X	X	93 540
333411WY	Air purification equipment manufacturing, nsk, total .....	2002..	N	X	X	61 767
		1997..	N	X	X	93 540
333411WYWW	Air purification equipment manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	14 065
		1997..	N	X	X	17 552
333411WYWY	Air purification equipment manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	47 702
		1997..	N	X	X	75 988
333412	Industrial and commercial fan and blower manufacturing .....	2002..	N	X	X	1 718 368
		1997..	N	X	X	2 011 616
3334120	Industrial and commercial fans and blowers .....	2002..	N	X	X	1 718 368
		1997..	N	X	X	2 011 616
33341201	Power roof ventilators and parts .....	2002..	N	X	X	134 575
		1997..	N	X	X	131 482
3334120101	Axial and propeller type power roof ventilators, except parts .....	2002..	15	X	X	57 238
		1997..	13	X	X	37 968
3334120104	Centrifugal type power roof ventilators, except parts .....	2002..	7	X	X	71 417
		1997..	7	X	X	77 432
3334120107	Parts for power roof ventilators .....	2002..	5	X	X	5 920
		1997..	5	X	X	16 082
33341202	Centrifugal blower-filter units, and classes I-IV centrifugal fans, except parts .....	2002..	N	X	X	507 701
		1997..	N	X	X	298 358
3334120217	Centrifugal blower-filter units .....	2002..	21	X	X	315 474
		1997..	16	X	X	84 967
3334120219	Centrifugal classes I and II fans (more than 1 1/2 in. to 6 3/4 in. maximum total pressure) .....	2002..	21	X	X	106 506

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333412	Industrial and commercial fan and blower manufacturing—Con.				
3334120	Industrial and commercial fans and blowers—Con.				
33341202	Centrifugal blower-filter units, and classes I-IV centrifugal fans, except parts—Con.				
3334120219	Centrifugal classes I and II fans (more than 1 1/2 in. to 6 3/4 in. maximum total pressure)—Con.	1997..	22	X	X
3334120221	Centrifugal classes III and IV fans (more than 6 3/4 in. maximum total pressure)	2002..	23	X	X
		1997..	22	X	X
33341203	Other centrifugal fans and blowers, except parts	2002..	N	X	X
		1997..	N	X	X
3334120324	Industrial centrifugal fans, excluding blowers, turboblowers, and multistage blowers	2002..	37	X	X
		1997..	27	X	X
3334120327	Positive displacement centrifugal blowers, excluding turboblowers	2002..	6	X	X
		1997..	8	X	X
3334120329	Multistage centrifugal blowers	2002..	11	X	X
		1997..	7	X	X
3334120344	Industrial and commercial fans and blowers, and attic fans	2002..	57	X	X
		1997..	33	X	X
33341204	Axial fans, except parts	2002..	N	X	X
		1997..	N	X	X
3334120463	Axial fans directly connected to driver	2002..	28	X	X
		1997..	29	X	X
3334120465	Belt-driven axial fans	2002..	21	X	X
		1997..	20	X	X
33341205	Industrial propeller fans, except parts	2002..	N	X	X
		1997..	N	X	X
3334120573	Industrial propeller fans directly connected to driver	2002..	18	X	X
		1997..	21	X	X
3334120575	Industrial belt-driven propeller fans	2002..	17	X	X
		1997..	16	X	X
33341206	Penthouses, shutters, guards, and other parts and accessories for industrial centrifugal, axial, and propeller fans and blowers (except power roof ventilators)	2002..	N	X	X
		1997..	N	X	X
3334120688	Penthouses, shutters, guards, and other parts and accessories for industrial centrifugal, axial, and propeller fans and blowers (except power roof ventilators)	2002..	27	X	X
		1997..	25	X	X
3334120Y	Industrial and commercial fans and blowers, nsk, total	2002..	N	X	X
		1997..	N	X	X
3334120YWW	Industrial and commercial fans and blowers, nsk, for nonadministrative-record establishments	2002..	N	X	X
		1997..	N	X	X
3334120YWY	Industrial and commercial fans and blowers, nsk, for administrative-record establishments	2002..	N	X	X
		1997..	N	X	X
333414	Heating equipment (except warm air furnaces) manufacturing	2002..	N	X	X
		1997..	N	X	X
3334141	Heating boilers, radiators, and convectors, cast iron, except parts	2002..	N	X	X
		1997..	N	X	X
33341411	Boilers, radiators, and convectors, cast iron, aluminum, and other nonferrous metals (including baseboard and finned tube, residential, and special types)	2002..	N	X	X
		1997..	N	X	X
3334141101	Boilers, gas-fired, cast iron, except parts	2002..	12	X	S
		1997..	9	X	S
3334141106	Boilers, other types, cast iron, except parts	2002..	10	X	S
		1997..	10	X	S
3334141111	Radiators and convectors, cast iron and steel, except parts	2002..	11	X	S
		1997..	4	X	S
3334141116	Radiators and convectors, aluminum and other nonferrous metals (including baseboard and finned tube, residential, industrial, and special types), except parts	2002..	6	X	S
		1997..	6	X	S
3334141Y	Heating boilers, radiators, and convectors, cast iron, except parts, nsk	2002..	N	X	X
		1997..	N	X	X
3334141YVV	Heating boilers, radiators, and convectors, cast iron, except parts, nsk	2002..	N	X	X
		1997..	N	X	X
3334143	Domestic heating stoves, except parts	2002..	N	X	X
		1997..	N	X	X
33341431	Heating stoves, domestic, except parts	2002..	N	X	X
		1997..	N	X	X
3334143101	Hearth appliances (including B-vent, direct vent, and vent-free), free-standing and fireplace insert types, domestic, gas fueled (all types), except parts	2002..	22	X	S
		1997..	18	X	S
3334143106	Log sets, vented	2002..	11	X	S
		1997..	8	X	S
3334143111	Log sets, ventless	2002..	18	X	S
		1997..	12	X	S
3334143116	Heating appliances, B-vent, built-in	2002..	5	X	S
		1997..	3	X	D
3334143121	Heating appliances, direct vent, built-in	2002..	6	X	D
		1997..	3	X	D
3334143126	Heating appliances, vent-free, built-in	2002..	5	X	S
		1997..	2	X	D
3334143131	Heating stoves (including coal, kerosene, gasoline, and fuel oil), domestic, except parts	2002..	1	X	D
		1997..	5	X	D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333414	Heating equipment (except warm air furnaces) manufacturing—Con.				
3334143	Domestic heating stoves, except parts—Con.				
33341431	Heating stoves, domestic, except parts—Con.				
3334143136	Fireplaces and heating stoves (all types), including circulating and radiants, domestic, freestanding, wood burning, except parts . . . . .	thousands . . . . . 2002 . . . . . 1997 . . . . .	19 19	X X	S P166.3
3334143141	Heaters, domestic, wood pellet burning, except parts . . . . .	thousands . . . . . 2002 . . . . . 1997 . . . . .	6 8	X X	S P54.5
3334143146	Heat exchangers and zero clearance (factory built) fireplaces, domestic, wood burning . . . . .	thousands . . . . . 2002 . . . . . 1997 . . . . .	2 5	X X	D D
3334143151	Fireplace inserts, domestic, wood burning . . . . .	thousands . . . . . 2002 . . . . . 1997 . . . . .	14 11	X X	S 96.0
3334143Y	Heating stoves, domestic, except parts, nsk . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X
3334143YVW	Heating stoves, domestic, except parts, nsk . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X
3334145	Heating boilers, steam and hot water, steel, 15 p.s.i. or less, except parts . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X
33341451	Heating boilers, steam and hot water, steel, 15 p.s.i. or less, except parts . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X
3334145101	Heating boilers, steam and hot water, steel, 15 p.s.i. or less, 400,000 Btu per hour or less, except parts . . . . .	2002 . . . . . 1997 . . . . .	19 19	X X	X X
3334145111	Heating boilers (including scotch type and horizontal fire box), steam and hot water, steel, 15 p.s.i. or less, greater than 400,000 Btu per hour, except parts . . . . .	thousands . . . . . 2002 . . . . . 1997 . . . . .	14 13	X X	918.4 24.8
3334145Y	Heating boilers, steam and hot water, steel, 15 p.s.i. or less, except parts, nsk . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X
3334145YVW	Heating boilers, steam and hot water, steel, 15 p.s.i. or less, except parts, nsk . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X
3334147	Furnaces (floor and wall), heaters (unit and infrared), and mechanical stokers (including parts) . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X
33341471	Furnaces (floor and wall), heaters (unit and infrared), and mechanical stokers (including parts) . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X
3334147101	Furnaces, floor and wall, gas and oil . . . . .	2002 . . . . . 1997 . . . . .	11 13	X X	X X
3334147106	Heaters, gas-fired, 400,000 Btu per hour or less . . . . .	2002 . . . . . 1997 . . . . .	20 13	X X	X X
3334147111	Heaters, steam and hot water heating element, centrifugal (blower) and propeller fan types . . . . .	2002 . . . . . 1997 . . . . .	10 5	X X	X D
3334147116	Heaters, infrared . . . . .	thousands . . . . . 2002 . . . . . 1997 . . . . .	14 15	X X	S 429.5
3334147121	Mechanical stokers . . . . .	2002 . . . . . 1997 . . . . .	4 4	X X	X D
3334147126	Parts for furnaces (floor and wall), heaters (unit and infrared), and mechanical stokers . . . . .	2002 . . . . . 1997 . . . . .	22 16	X X	X X
3334147Y	Furnaces (floor and wall), heaters (unit and infrared), and mechanical stokers (including parts), nsk . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X
3334147YVW	Furnaces (floor and wall), heaters (unit and infrared), and mechanical stokers (including parts), nsk . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X
333414A	Heating equipment, other types (including parts for nonelectric heating equipment and oil burners) . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X
333414A1	Heating equipment, other types (including parts for nonelectric heating equipment and oil burners) . . . . .	2002 . . . . . 1997 . . . . .	N N	X X	X X
333414A101	Oil burners . . . . .	2002 . . . . . 1997 . . . . .	21 N	X X	X X
333414A106	Oil burners, parts and attachments . . . . .	2002 . . . . . 1997 . . . . .	14 N	X X	X X
333414A111	Burners and conversion burners (including parts), gas, 400,000 Btu per hour or less . . . . .	thousands . . . . . 2002 . . . . . 1997 . . . . .	17 N	X X	S N
333414A116	Burners and conversion burners (including parts), gas, greater than 400,000 Btu per hour . . . . .	2002 . . . . . 1997 . . . . .	18 N	X X	X X
333414A121	Gas burners, parts and attachments, sold separately . . . . .	2002 . . . . . 1997 . . . . .	12 N	X X	X X
333414A126	Heating unit ventilators . . . . .	2002 . . . . . 1997 . . . . .	10 N	X X	X X
333414A131	Fireplaces, nonelectric, prefabricated metal, commercial and industrial use . . . . .	thousands . . . . . 2002 . . . . . 1997 . . . . .	4 N	X X	S N
333414A136	Solar energy collectors, water and air . . . . .	2002 . . . . . 1997 . . . . .	12 N	X X	X X
333414A138	Heaters, swimming pool, electric . . . . .	2002 . . . . . 1997 . . . . .	6 N	X X	X X
333414A140	Heating units, wall and baseboard, permanent installation <sup>38</sup> . . . . .	2002 . . . . . 1997 . . . . .	10 N	X X	X X
333414A150	Parts, accessories, and attachments for heating units, wall and baseboard <sup>38</sup> . . . . .	2002 . . . . . 1997 . . . . .	3 N	X X	X X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333414	Heating equipment (except warm air furnaces) manufacturing—Con.				
333414A	Heating equipment, other types (including parts for nonelectric heating equipment and oil burners)—Con.				
333414A1	Heating equipment, other types (including parts for nonelectric heating equipment and oil burners)—Con.				
333414A151	Heating equipment, all other types (including dual-fired gas and oil burners, heat transfer (blast) coils, range boilers, expansion tanks, and direct-fired water heater tanks (including parts))	2002.. 70 1997.. N	X X	X X	578 046 N
333414AY	Heating equipment, other types (including parts for nonelectric heating equipment and oil burners), nsk	2002.. N 1997.. N	X X	X X	— N
333414AYWV	Heating equipment, other types (including parts for nonelectric heating equipment and oil burners), nsk	2002.. N 1997.. N	X X	X X	— N
333414W	Heating equipment (except warm air furnaces) manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	202 687 313 917
333414WY	Heating equipment (except warm air furnaces) manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	202 687 313 917
333414WYWW	Heating equipment (except warm air furnaces) manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	104 280 210 081
333414WYWY	Heating equipment (except warm air furnaces) manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	98 407 103 836
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	2002.. N 1997.. N	X X	X X	23 208 758 21 948 350
3334152	Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems	2002.. N 1997.. N	X X	X X	4 974 576 N
33341521	Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems	2002.. N 1997.. N	X X	X X	4 974 576 N
3334152100	Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems <sup>39</sup>	2002.. 128 1997.. N	X X	X X	4 974 576 N
3334153	Commercial refrigerators and related equipment	2002.. N 1997.. N	X X	X X	2 786 744 2 926 753
33341531	Commercial refrigerators and related equipment	2002.. N 1997.. N	X X	X X	2 683 542 2 897 180
3334153101	Commercial refrigerated sectional coolers and cooling rooms, prefabricated (factory produced) type, including self-contained and remote units	2002.. 39 1997.. 49	X X	S S	724 075 607 853
3334153106	Commercial reach-in refrigerators and reach-in vehicle display cabinets for normal temperature applications (not intended for frozen foods, etc.), including self-contained and remote units	2002.. 21 1997.. 29	X X	381.7 S	465 553 439 081
3334153111	Commercial reach-in refrigerators and reach-in type vehicle display cabinets for low temperature applications, including self-contained and remote units	2002.. 16 1997.. 24	X X	S S	259 105 307 605
3334153116	Commercial closed refrigerated display cases for normal temperature applications, including self-contained and remote units	2002.. 11 1997.. 15	X X	S S	50 601 91 892
3334153121	Commercial open, one level, self-service refrigerated display cases for normal temperature applications, including self-contained and remote units	2002.. 6 1997.. 13	X X	S S	89 622 140 259
3334153126	Commercial open, multilevel, self-service refrigerated display cases for normal temperature applications, including self-contained and remote units	2002.. 9 1997.. 11	X X	S 58.6 S	301 676 258 310
3334153131	Commercial open, self-service refrigerated frozen food display cases, including self-contained and remote units	2002.. 6 1997.. 7	X X	D 20.4	D 90 213
3334153136	Commercial closed, refrigerated frozen food cabinets, other than reach-in type, including self-contained and remote units	2002.. 8 1997.. 9	X X	S S	20 618 112 873
3334153141	Other commercial refrigerated display cases for low temperature applications, including self-contained and remote units	2002.. 7 1997.. 6	X X	S S	58 549 43 150
3334153146	Commercial mechanical refrigerated drinking water coolers <sup>39</sup>	2002.. 4 1997.. 7	X X	X X	203 705 266 233
3334153151	Commercial mechanical refrigerated bottled beverage coolers, dry and wet types, except coin-operated	2002.. 4 1997.. 5	X X	X X	D 44 848
3334153156	Commercial mechanical refrigerated bulk beverage dispensers, including malt dispensers and precooler cabinets, except coin-operated	2002.. 5 1997.. 12	X X	X X	D 242 133

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing—Con.				
3334153	Commercial refrigerators and related equipment—Con.				
33341531	Commercial refrigerators and related equipment—Con.				
3334153191	Other commercial refrigerators and related equipment .....	2002.. 24	X	X	325 866
		1997.. 33	X	X	252 730
3334153Y	Commercial refrigerators and related equipment, nsk .....	2002.. N	X	X	103 202
		1997.. N	X	X	29 573
3334153YVW	Commercial refrigerators and related equipment, nsk .....	2002.. N	X	X	103 202
		1997.. N	X	X	29 573
3334155	Refrigeration condensing units, all refrigerants, except ammonia (complete) .....	2002.. N	X	X	263 476
		1997.. N	X	X	289 689
33341551	Refrigeration condensing units, all refrigerants, except ammonia (complete) .....	2002.. N	X	X	263 476
		1997.. N	X	X	289 689
3334155100	Refrigeration condensing units, all refrigerants, except ammonia (complete) <sup>39</sup> .....	2002.. 26	X	X	263 476
		1997.. 41	X	X	289 689
3334156	Room air-conditioners and dehumidifiers, except portable dehumidifiers .....	2002.. N	X	X	856 518
		1997.. N	X	X	979 308
33341561	Room air-conditioners and dehumidifiers, except portable dehumidifiers .....	2002.. N	X	X	856 518
		1997.. N	X	X	979 308
3334156100	Room air-conditioners and dehumidifiers, except portable dehumidifiers <sup>39</sup> .....	2002.. 22	X	X	856 518
		1997.. 20	X	X	979 308
3334159	All other miscellaneous refrigeration and air-conditioning equipment .....	2002.. N	X	X	937 865
		1997.. N	X	X	880 266
33341591	All other miscellaneous refrigeration and air-conditioning equipment .....	2002.. N	X	X	906 861
		1997.. N	X	X	848 591
3334159101	Soda fountain refrigeration equipment (cooler box, fountainette, and similar equipment) .....	2002.. 9	X	X	266 631
		1997.. 14	X	X	202 942
3334159111	Beer dispensing refrigeration equipment .....	2002.. 6	X	X	7 903
		1997.. 10	X	X	21 720
3334159121	Evaporative air coolers .....	2002.. 6	X	X	125 922
		1997.. 17	X	X	191 592
3334159131	All other miscellaneous refrigeration equipment .....	2002.. 24	X	X	192 187
		1997.. 33	X	X	216 310
3334159141	All other miscellaneous air-conditioning equipment .....	2002.. 17	X	X	314 218
		1997.. 19	X	X	216 027
3334159Y	All other miscellaneous refrigeration and air-conditioning equipment, nsk .....	2002.. N	X	X	31 004
		1997.. N	X	X	31 675
3334159YVW	All other miscellaneous refrigeration and air-conditioning equipment, nsk .....	2002.. N	X	X	31 004
		1997.. N	X	X	31 675
333415A	Compressors and compressor units, all refrigerants, except automobiles .....	2002.. N	X	X	2 357 125
		1997.. N	X	X	2 941 370
333415A1	Compressors and compressor units, all refrigerants, except automobiles .....	2002.. N	X	X	2 357 125
		1997.. N	X	X	2 941 370
333415A100	Compressors and compressor units, all refrigerants, except automobiles <sup>39</sup> .....	2002.. 40	X	X	2 357 125
		1997.. 52	X	X	2 941 370
333415C	Warm air furnaces, including duct furnaces and humidifiers, and electric comfort heating .....	2002.. N	X	X	1 975 140
		1997.. N	X	X	1 939 242
333415C1	Warm air furnaces, including duct furnaces and humidifiers, and electric comfort heating .....	2002.. N	X	X	1 975 140
		1997.. N	X	X	1 939 242
333415C100	Warm air furnaces, including duct furnaces and humidifiers, and electric comfort heating <sup>39</sup> .....	2002.. 48	X	X	1 975 140
		1997.. 54	X	X	1 939 242
333415D	Parts and accessories for air-conditioning and heat transfer equipment .....	2002.. N	X	X	1 529 828
		1997.. N	X	X	1 986 124
333415D1	Parts for heat transfer and air-conditioning equipment .....	2002.. N	X	X	1 502 511
		1997.. N	X	X	1 958 173
333415D101	Parts for heat transfer equipment, including air-conditioning condensing units .....	2002.. 53	X	X	656 253
		1997.. 45	X	X	703 686
333415D111	Parts for unitary air-conditioners .....	2002.. 17	X	X	190 978
		1997.. 16	X	X	259 024
333415D121	Parts for commercial refrigeration and related equipment .....	2002.. 37	X	X	220 820
		1997.. 31	X	X	262 659
333415D131	Parts for compressors and compressor units .....	2002.. 19	X	X	93 656
		1997.. 27	X	X	305 836
333415D141	Parts for condensing units, excluding air-conditioning condensing units .....	2002.. 6	X	X	3 711
		1997.. 3	X	X	2 237
333415D151	Parts for dehumidifiers and room air-conditioners .....	2002.. 5	X	X	13 074
		1997.. 6	X	X	D
333415D161	All other miscellaneous parts for refrigeration equipment .....	2002.. 10	X	X	73 770
		1997.. 16	X	X	78 700
333415D171	All other miscellaneous parts for air-conditioning equipment .....	2002.. 17	X	X	153 453
		1997.. 22	X	X	174 763
333415D181	Parts for warm air furnaces, including duct furnaces (excluding complete humidifiers) .....	2002.. 17	X	X	96 796
		1997.. 15	X	X	D

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing—Con.				
333415D	Parts and accessories for air-conditioning and heat transfer equipment—Con.				
333415DY	Parts and accessories for air-conditioning and heat transfer equipment, nsk	2002.. N	X	X	27 317
		1997.. N	X	X	27 951
333415DYWV	Parts and accessories for air-conditioning and heat transfer equipment, nsk	2002.. N	X	X	27 317
		1997.. N	X	X	27 951
333415E	Unitary air-conditioners, except air source heat pumps	2002.. N	X	X	5 486 374
		1997.. N	X	X	4 364 840
333415E1	Unitary air-conditioners, except air source heat pumps	2002.. N	X	X	5 486 374
		1997.. N	X	X	4 364 840
333415E100	Unitary air-conditioners, except air source heat pumps <sup>39</sup>	2002.. 46	X	X	5 486 374
		1997.. 61	X	X	4 364 840
333415F	Air source heat pumps, except room air-conditioners	2002.. N	X	X	1 033 540
		1997.. N	X	X	1 025 549
333415F1	Air source heat pumps, except room air-conditioners	2002.. N	X	X	1 033 540
		1997.. N	X	X	1 025 549
333415F100	Air source heat pumps, except room air-conditioners <sup>39</sup>	2002.. 18	X	X	1 033 540
		1997.. 26	X	X	1 025 549
333415G	Ground and ground water source heat pumps	2002.. N	X	X	126 830
		1997.. N	X	X	88 501
333415G1	Ground and ground water source heat pumps	2002.. N	X	X	126 830
		1997.. N	X	X	88 501
333415G100	Ground and ground water source heat pumps <sup>39</sup>	2002.. 8	X	X	126 830
		1997.. 7	X	X	88 501
333415W	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing, nsk, total	2002.. N	X	X	880 742
		1997.. N	X	X	321 783
333415WY	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing, nsk, total	2002.. N	X	X	880 742
		1997.. N	X	X	321 783
333415WYWW	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	418 272
		1997.. N	X	X	132 539
333415WYWY	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing, nsk for administrative-record establishments	2002.. N	X	X	462 470
		1997.. N	X	X	189 244
333511	Industrial mold manufacturing	2002.. N	X	X	5 732 650
		1997.. N	X	X	5 715 142
3335110	Industrial molds and mold boxes	2002.. N	X	X	5 732 650
		1997.. N	X	X	5 715 142
33351101	Industrial molds made of metal, for die-casting of metal or metal carbides (except ingot molds), all types	2002.. N	X	X	650 606
		1997.. N	X	X	525 126
3335110101	Industrial molds made of metal, for low-pressure die-casting of metal or metal carbides (except ingot molds)	2002.. 111	X	X	189 020
		1997.. 104	X	X	141 207
3335110106	Industrial molds made of metal, for high-pressure die-casting of metal or metal carbides (except ingot molds)	2002.. 194	X	X	461 586
		1997.. 226	X	X	383 919
33351104	Industrial molds made of metal and other materials, excluding industrial injection or compression molds made of metal for plastics	2002.. N	X	X	1 171 972
		1997.. N	X	X	N
3335110411	Industrial permanent molds made of metal for gravity casting (except ingot molds)	2002.. 58	X	X	72 233
		1997.. N	X	X	N
3335110416	Other industrial molds made of metal for metal or metal carbides (except ingot molds)	2002.. 51	X	X	78 446
		1997.. N	X	X	N
3335110421	Industrial molds made of metal for wax	2002.. 56	X	X	77 389
		1997.. N	X	X	N
3335110426	Industrial molds made of metal for mineral materials	2002.. 12	X	X	16 164
		1997.. N	X	X	N
3335110431	Industrial molds made of metal for glass	2002.. 16	X	X	167 671
		1997.. N	X	X	N
3335110436	Industrial injection and compression-type molds made of metal for rubber	2002.. 114	X	X	280 897
		1997.. N	X	X	N
3335110441	Other industrial molds made of metal for rubber	2002.. 37	X	X	48 981
		1997.. N	X	X	N
3335110446	Industrial molds made of metal for other materials	2002.. 49	X	X	75 694
		1997.. N	X	X	N
3335110451	Industrial mold bases made of metal	2002.. 60	X	X	127 889
		1997.. N	X	X	N
3335110476	Industrial molds made of materials other than metal, for metal, metal carbides, glass, mineral materials, rubber, and plastics	2002.. 36	X	X	79 101
		1997.. N	X	X	N
3335110481	All other miscellaneous industrial molds made of materials other than metal	2002.. 45	X	X	94 631
		1997.. N	X	X	N
3335110486	Industrial mold boxes and flasks for use with patterns and sand molds in foundries	2002.. 25	X	X	52 876
		1997.. N	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333511	Industrial mold manufacturing—Con.				
3335110	Industrial molds and mold boxes—Con.				
33351105	Industrial injection-type molds made of metal for plastics .....	2002.. N	X	X	3 275 519
		1997.. N	X	X	N
3335110556	Industrial injection-type molds made of metal for plastics .....	2002.. 1 151	X	X	2 926 906
		1997.. N	X	X	N
3335110558	Industrial compression-type molds (including matched metal molds) made of metal for plastics .....	2002.. 101	X	X	175 910
		1997.. N	X	X	N
3335110560	Other industrial molds (including transfer, plunger, and rotational molds) made of metal for plastics .....	2002.. 134	X	X	172 703
		1997.. N	X	X	N
3335110Y	Industrial molds and mold boxes, nsk, total .....	2002.. N	X	X	634 553
		1997.. N	X	X	472 683
3335110YWW	Industrial molds and mold boxes, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	514 781
		1997.. N	X	X	350 317
3335110YWY	Industrial molds and mold boxes, nsk, for administrative-record establishments .....	2002.. N	X	X	119 772
		1997.. N	X	X	122 366
333512	Machine tool (metal cutting types) manufacturing .....	2002.. N	X	X	2 520 225
		1997.. N	X	X	4 737 311
3335121	Metal gear cutting machines .....	2002.. N	X	X	80 556
		1997.. N	X	X	181 261
33351212	Metal gear cutting machines .....	2002.. N	X	X	80 556
		1997.. N	X	X	N
3335121200	Metal gear cutting machines <sup>40</sup> .....	2002.. 13	X	X	80 556
		1997.. N	X	X	N
3335122	Metal grinding, polishing, buffing, honing, and lapping machines, except gear-tooth grinding, lapping, polishing, and buffing machines .....	2002.. N	X	X	299 044
		1997.. N	X	X	596 877
33351221	Metal grinding, polishing, buffing, honing, and lapping machines, except gear-tooth grinding, lapping, polishing, and buffing machines .....	2002.. N	X	X	299 044
		1997.. N	X	X	596 877
3335122100	Metal grinding, polishing, buffing, honing, and lapping machines, except gear-tooth grinding, lapping, polishing, and buffing machines <sup>40</sup> .....	2002.. 78	X	X	299 044
		1997.. 105	X	X	596 877
3335123	Metal lathes (turning machines) numerically and nonnumerically controlled .....	2002.. N	X	X	192 946
		1997.. N	X	X	489 775
33351231	Metal lathes (turning machines) numerically and nonnumerically controlled .....	2002.. N	X	X	192 946
		1997.. N	X	X	489 775
3335123100	Metal lathes (turning machines) numerically and nonnumerically controlled <sup>40</sup> .....	2002.. 31	X	X	192 946
		1997.. 51	X	X	489 775
3335124	Metal milling machines (excluding machining centers) .....	2002.. N	X	X	51 269
		1997.. N	X	X	350 026
33351241	Metal milling machines (excluding machining centers) .....	2002.. N	X	X	51 269
		1997.. N	X	X	350 026
3335124100	Metal milling machines (excluding machining centers) <sup>40</sup> .....	2002.. 22	X	X	51 269
		1997.. 44	X	X	350 026
3335125	Machine tools for home workshops, laboratories, garages, etc. (metalworking and primarily metalworking only) .....	2002.. N	X	X	28 009
		1997.. N	X	X	54 937
33351251	Machine tools for home workshops, laboratories, garages, etc. (metalworking and primarily metalworking only) .....	2002.. N	X	X	28 009
		1997.. N	X	X	54 937
3335125101	Metal drilling machines for home workshops, laboratories, garages, etc. ....	2002.. 3	X	X	3 912
		1997.. 6	X	X	9 531
3335125106	Metal grinding and polishing machines for home workshops, laboratories, garages, etc. (including crankshaft regrounding and valve grinding machines) .....	2002.. 9	X	X	9 780
		1997.. 5	X	X	9 045
3335125116	Metal sawing and cut-off machines for home workshops, laboratories, garages, etc. ....	2002.. 4	X	X	2 891
		1997.. 8	X	X	D
3335125198	Other metalworking (or primarily metalworking) machines for home workshops, laboratories, garages, etc. (including automotive cylinder reboring machines and lathes) .....	2002.. 10	X	X	11 426
		1997.. N	X	X	N
3335125Y	Machine tools for home workshops, laboratories, garages, etc. (metalworking and primarily metalworking only), nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
3335125YWW	Machine tools for home workshops, laboratories, garages, etc. (metalworking and primarily metalworking only), nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
3335126	Parts for metal cutting-type machine tools (sold separately), including rebuilt and remanufactured metal cutting machine tools .....	2002.. N	X	X	550 915
		1997.. N	X	X	714 118
33351261	Parts for metal cutting type machine tools (sold separately), rebuilt metal cutting machine tools, and remanufactured metal cutting machine tools .....	2002.. N	X	X	485 198
		1997.. N	X	X	712 803
3335126101	Parts for metal cutting machine tools (sold separately) .....	2002.. 119	X	X	364 332
		1997.. 128	X	X	550 271
3335126107	Rebuilt metal cutting type machine tools (including machines returned to same configuration they were in when new from factory) .....	2002.. 34	X	X	50 453
		1997.. N	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333512	Machine tool (metal cutting types) manufacturing—Con.				
3335126	Parts for metal cutting-type machine tools (sold separately), including rebuilt and remanufactured metal cutting machine tools—Con.				
33351261	Parts for metal cutting type machine tools (sold separately), rebuilt metal cutting machine tools, and remanufactured metal cutting machine tools—Con.				
3335126111	Remanufactured metal cutting-type machine tools (including machines in which the original carcass is reused and all possible modern improvements have been incorporated) <sup>40</sup>	2002.. 25 1997.. N	X X	X X	70 413 N
3335126Y	Parts for metal cutting type machine tools (sold separately), rebuilt metal cutting machine tools, and remanufactured metal cutting machine tools, nsk	2002.. N 1997.. N	X X	X X	65 717 1 315
3335126YVV	Parts for metal cutting type machine tools (sold separately), rebuilt metal cutting machine tools, and remanufactured metal cutting machine tools, nsk	2002.. N 1997.. N	X X	X X	65 717 1 315
3335127	Metal machining centers (multifunction numerically controlled machines)	2002.. N 1997.. N	X X	X X	387 065 932 619
33351271	Metal machining centers (multifunction numerically controlled machines)	2002.. N 1997.. N	X X	X X	387 065 932 619
3335127100	Metal machining centers (multifunction numerically controlled machines) <sup>40</sup>	2002.. 35 1997.. 56	X X	X X	387 065 932 619
3335128	Metal station type machines	2002.. N 1997.. N	X X	X X	154 398 543 289
33351281	Metal station type machines	2002.. N 1997.. N	X X	X X	154 398 543 289
3335128100	Metal station type machines <sup>40</sup>	2002.. 11 1997.. 26	X X	X X	154 398 543 289
3335129	Other metal cutting machine tools (except those designed primarily for home workshops, laboratories, garages, etc.)	2002.. N 1997.. N	X X	X X	455 966 450 333
33351291	Other metal cutting machine tools (except those designed primarily for home workshops, laboratories, garages, etc.)	2002.. N 1997.. N	X X	X X	455 966 450 333
3335129100	Other metal cutting machine tools (except those designed primarily for home workshops, laboratories, garages, etc.) <sup>40</sup>	2002.. 86 1997.. 119	X X	X X	455 966 450 333
333512A	Metal boring machines and drilling machines (excluding machining centers)	2002.. N 1997.. N	X X	X X	142 487 238 185
333512A1	Metal boring machines and drilling machines (excluding machining centers)	2002.. N 1997.. N	X X	X X	142 487 238 185
333512A100	Metal boring machines and drilling machines (excluding machining centers) <sup>40</sup>	2002.. 35 1997.. 55	X X	X X	142 487 238 185
333512W	Machine tool (metal cutting types) manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	177 570 185 891
333512WY	Machine tool (metal cutting types) manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	177 570 185 891
333512WYWWW	Machine tool (metal cutting types) manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	177 570 185 138
333512WYWY	Machine tool (metal cutting types) manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	— 753
333513	Machine tool (metal forming types) manufacturing	2002.. N 1997.. N	X X	X X	1 163 449 2 183 182
3335131	Metal punching and shearing machines (including power and manual) and bending and forming machines (power only)	2002.. N 1997.. N	X X	X X	363 536 601 050
33351311	Metal punching and shearing machines (including power and manual) and bending and forming machines (power only)	2002.. N 1997.. N	X X	X X	363 536 601 050
3335131100	Metal punching and shearing machines (including power and manual) and bending and forming machines (power only) <sup>40</sup>	2002.. 70 1997.. 97	X X	X X	363 536 601 050
3335133	Metalworking presses (except forging and die-stamping presses)	2002.. N 1997.. N	X X	X X	183 333 431 087
33351331	Metalworking presses (except forging and die-stamping presses)	2002.. N 1997.. N	X X	X X	183 333 431 087
3335133100	Metalworking presses (except forging and die-stamping presses) <sup>40</sup>	2002.. 37 1997.. 50	X X	X X	183 333 431 087
3335135	Other metal forming machine tools, including forging and die-stamping machines (except metalworking presses)	2002.. N 1997.. N	X X	X X	240 884 590 966
33351351	Other metal forming machine tools, including forging and die-stamping machines (except metalworking presses)	2002.. N 1997.. N	X X	X X	240 884 590 966
3335135100	Other metal forming machine tools, including forging and die-stamping machines (except metalworking presses) <sup>40</sup>	2002.. 66 1997.. 107	X X	X X	240 884 590 966

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333513	Machine tool (metal forming types) manufacturing—Con.				
3335137	Parts for metal forming machine tools (sold separately), including rebuilt and remanufactured metal forming machine tools .....	2002.. N 1997.. N	X X	X X	242 298 488 719
33351371	Parts for metal forming machine tools (sold separately), die-casting machines, rebuilt metal forming machine tools, and remanufactured metal forming machine tools .....	2002.. N 1997.. N	X X	X X	234 356 486 453
3335137101	Parts for die-casting machines .....	2002.. 16 1997.. 12	X X	X X	27 002 13 570
3335137111	Other parts for metal forming machine tools .....	2002.. 56 1997.. 91	X X	X X	182 688 425 487
3335137117	Rebuilt metal forming machine tools (including machines returned to same configuration they were in when new from factory) .....	2002.. 12 1997.. N	X X	X X	9 795 N
3335137121	Remanufactured metal forming machine tools (including machines in which the basic carcass is reused and all possible modern improvements have been incorporated) .....	2002.. 10 1997.. N	X X	X X	14 871 N
3335137Y	Parts for metal forming machine tools (sold separately), rebuilt metal forming machine tools, and remanufactured metal forming machine tools, nsk .....	2002.. N 1997.. N	X X	X X	7 942 2 266
3335137YVW	Parts for metal forming machine tools (sold separately), rebuilt metal forming machine tools, and remanufactured metal forming machine tools, nsk .....	2002.. N 1997.. N	X X	X X	7 942 2 266
333513W	Machine tool (metal forming types) manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	133 398 71 360
333513WY	Machine tool (metal forming types) manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	133 398 71 360
333513WYWW	Machine tool (metal forming types) manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	133 398 71 360
333513WYWY	Machine tool (metal forming types) manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	— —
333514	Special die and tool, die set, jig, and fixture manufacturing .....	2002.. N 1997.. N	X X	X X	7 592 897 8 777 134
3335140	Special dies, tools, jigs, and fixtures .....	2002.. N 1997.. N	X X	X X	7 592 897 8 777 134
33351401	Jigs and fixtures .....	2002.. N 1997.. N	X X	X X	1 126 163 1 009 362
3335140101	Gauging and checking jigs and fixtures, less than 1,000 lb weight .....	2002.. 234 1997.. 394	X X	X X	462 519 331 822
3335140103	Gauging and checking jigs and fixtures, 1,000 lb weight or more .....	2002.. 90 1997.. 92	X X	X X	215 982 130 525
3335140106	Other than work holding fixtures .....	2002.. 51 1997.. 139	X X	X X	93 238 98 454
3335140109	Work holding fixtures .....	2002.. 128 1997.. 320	X X	X X	180 773 233 099
3335140112	Other jigs and fixtures, 1,000 lb weight or more (holding, positioning, layout, assembly, etc.) .....	2002.. 57 1997.. 93	X X	X X	173 651 215 462
33351402	Standard catalog components and parts for jigs and fixtures, including drill bushings .....	2002.. N 1997.. N	X X	X X	125 224 116 877
3335140215	Standard catalog components and parts for jigs and fixtures, including drill bushings .....	2002.. 31 1997.. 42	X X	X X	125 224 116 877
33351403	Metalworking forming and drawing dies, all sizes .....	2002.. N 1997.. N	X X	X X	737 967 781 105
3335140318	Press brake metalworking dies .....	2002.. 32 1997.. 60	X X	X X	71 993 85 278
3335140321	Metalworking forming and drawing dies, 500 lb weight or less .....	2002.. 104 1997.. 216	X X	X X	119 083 173 825
3335140326	Metalworking forming and drawing dies, 501 to 3,000 lb weight .....	2002.. 98 1997.. 220	X X	X X	178 119 141 954
3335140332	Metalworking forming and drawing dies, more than 3,000 lb weight .....	2002.. 96 1997.. 145	X X	X X	368 772 380 048
33351404	All other metalworking stamping-type dies, including lamination and blanking dies (punch, trim, notch, pierce, perforate, etc.) .....	2002.. N 1997.. N	X X	X X	981 338 1 051 329
3335140423	All other metalworking stamping-type dies, including lamination and blanking dies (punch, trim, notch, pierce, perforate, etc.) .....	2002.. 219 1997.. 405	X X	X X	744 409 726 502
3335140429	Other metalworking stamping dies (including lamination and blanking), progressive-type .....	2002.. 105 1997.. 254	X X	X X	236 929 324 827
33351405	Metalworking stamping, forging, extrusion, and wiredrawing and straightening dies .....	2002.. N 1997.. N	X X	X X	1 025 280 1 440 015
3335140535	Metalworking stamping dies (including lamination and blanking), progressive-type, high-speed steel .....	2002.. 320 1997.. 598	X X	X X	662 122 898 217
3335140538	Metalworking stamping dies (including lamination and blanking), progressive-type, carbide .....	2002.. 77 1997.. 109	X X	X X	168 769 161 414

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**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333514	Special die and tool, die set, jig, and fixture manufacturing—Con.				
3335140	Special dies, tools, jigs, and fixtures—Con.				
33351405	Metalworking stamping, forging, extrusion, and wire drawing and straightening dies—Con.				
3335140541	Metalworking open-type forging dies, including cold forging and heading	2002.. 24 1997.. 62	X X	X X	53 007 113 639
3335140543	Metalworking closed-type forging dies, including cold forging and heading	2002.. 28 1997.. 85	X X	X X	D 122 341
3335140546	Metalworking ceramic and ceramic composite extrusion and wire drawing and straightening dies	2002.. 4 1997.. 4	X X	X X	D 28 842
3335140549	Metalworking high-speed steel extrusion and wire drawing and straightening dies	2002.. 22 1997.. 63	X X	X X	68 881 115 562
33351406	All other metalworking dies	2002.. N 1997.. N	X X	X X	523 017 607 171
3335140652	Other metalworking extrusion and wire drawing and straightening dies	2002.. 34 1997.. 44	X X	X X	159 046 126 228
3335140655	Metalworking carbide extrusion and wire drawing and straightening dies	2002.. 23 1997.. 47	X X	X X	38 016 53 700
3335140658	All other high-speed steel metalworking dies	2002.. 35 1997.. 115	X X	X X	88 974 115 892
3335140661	All other carbide metalworking dies	2002.. 20 1997.. 66	X X	X X	31 896 75 028
3335140663	All other metalworking dies	2002.. 71 1997.. 92	X X	X X	114 122 115 969
3335140666	Standard and special metalworking die sets	2002.. 29 1997.. 70	X X	X X	90 963 120 354
33351407	Punches for dies	2002.. N 1997.. N	X X	X X	167 920 418 775
3335140769	Standard steel punches for dies	2002.. 43 1997.. 110	X X	X X	125 255 187 984
3335140772	Standard carbide punches for dies	2002.. 24 1997.. 39	X X	X X	24 744 29 545
3335140775	Other standard punches for dies	2002.. 10 1997.. 124	X X	X X	17 921 201 246
33351408	Industrial models and prototypes	2002.. N 1997.. N	X X	X X	467 428 642 805
3335140878	Industrial models and prototypes	2002.. 285 1997.. 415	X X	X X	467 428 642 805
33351409	Other specially designed tooling	2002.. N 1997.. N	X X	X X	779 969 1 046 786
3335140981	Other specially designed tooling	2002.. 311 1997.. 500	X X	X X	779 969 1 046 786
3335140Y	Special dies, tools, jigs, and fixtures, nsk, total	2002.. N 1997.. N	X X	X X	1 658 591 1 662 909
3335140YWW	Special dies, tools, jigs, and fixtures, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	1 374 956 1 372 658
3335140YWY	Special dies, tools, jigs, and fixtures, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	283 635 290 251
333515	Cutting tool and machine tool accessory manufacturing	2002.. N 1997.. N	X X	X X	4 515 287 5 001 706
3335151	Small cutting tools for machine tools and metalworking machinery	2002.. N 1997.. N	X X	X X	2 877 384 3 253 414
33351511	Other cutting tools for machine tools, except tips and blanks sold separately	2002.. N 1997.. N	X X	X X	768 312 592 055
3335151102	Broaches (excluding holders and burnishing bars) for machine tools and metalworking machinery	2002.. 62 1997.. 50	X X	X X	304 077 114 416
3335151124	Carbon steel and high-speed steel reamers (all types, except gun reamers) for machine tools and metalworking machinery, including blades sold separately	2002.. 34 1997.. 40	X X	X X	46 188 62 963
3335151126	Solid and tipped carbide reamers (all types, except gun reamers) for machine tools and metalworking machinery (including replaceable blades sold separately) (excluding tips and blanks sold separately)	2002.. 66 1997.. 51	X X	X X	139 768 47 497
3335151128	Hobs (all types) for machine tools and metalworking machinery	2002.. 8 1997.. 6	X X	X X	36 289 D
3335151132	Gear shaper cutters and gear shaving cutters for machine tools and metalworking machinery	2002.. 11 1997.. 8	X X	X X	27 003 D
3335151148	Single and double point cutting tools for machine tools and metalworking machinery	2002.. 28 1997.. 27	X X	X X	53 374 42 519
3335151152	Circular form cutting tools (including semifinished blanks) for machine tools and metalworking machinery	2002.. 28 1997.. 24	X X	X X	36 530 30 305
3335151188	All other miscellaneous solid and tipped carbide cutting tools for machine tools (except tips and blanks sold separately) (including rotary burrs, rotary files, spade drills)	2002.. 68 1997.. 79	X X	X X	125 083 219 692
33351512	Carbon steel and high-speed steel shank twist drills for machine tools and metalworking machinery (excluding combines drills, countersinks, and gun drills)	2002.. N 1997.. N	X X	X X	262 343 341 962

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333515	Cutting tool and machine tool accessory manufacturing—Con.				
3335151	Small cutting tools for machine tools and metalworking machinery—Con.				
33351512	Carbon steel and high-speed steel shank twist drills for machine tools and metalworking machinery (excluding combines drills, countersinks, and gun drills)—Con.				
3335151204	Carbon steel and high-speed steel taper shank twist drills for machine tools and metalworking machinery (excluding combined drills, countersinks, and gun drills) .....	2002.. 15 1997.. 23	X X	X X	13 841 26 751
3335151206	Carbon steel and high-speed steel straight shank twist drills for machine tools and metalworking machinery (excluding combined drills, countersinks, and gun drills) .....	2002.. 34 1997.. 39	X X	X X	248 502 315 211
33351513	Twist drills, gun drills, combined drills, countersinks, and counterbores .....	2002.. N 1997.. N	X X	X X	302 164 305 078
3335151308	Masonry twist drill bits for machine tools and metalworking machinery (excluding combined drills, countersinks, and gun drills) .....	2002.. 9 1997.. 11	X X	X X	38 713 48 788
3335151312	Solid and tipped carbide twist drills for machine tools and metalworking machinery (excluding combined drills, countersinks, gun drills, tips and blanks sold separately, and masonry drills) .....	2002.. 42 1997.. 41	X X	X X	144 070 143 303
3335151314	Gun drills and gun reamers for machine tools and metalworking machinery .....	2002.. 16 1997.. 16	X X	X X	31 714 27 365
3335151316	Combination drills and countersinks for machine tools and metalworking machinery .....	2002.. 22 1997.. 27	X X	X X	57 103 48 813
3335151318	Countersinks (including port cutters, etc.) for machine tools and metalworking machinery (except combined drills-countersinks and pilots for interchangeable pilots) .....	2002.. 20 1997.. 27	X X	X X	19 731 18 690
3335151322	Counterbores (including spot facers, etc.) for machine tools and metalworking machinery (excluding pilots for interchangeable pilot types) .....	2002.. 21 1997.. 38	X X	X X	10 833 18 119
33351514	End mills and milling cutters .....	2002.. N 1997.. N	X X	X X	459 199 455 235
3335151434	High-speed steel end mills (excluding inserted blade types and shell mills) for machine tools and metalworking machinery .....	2002.. 24 1997.. 49	X X	X X	139 928 129 351
3335151436	Solid and tipped carbide end mills (excluding inserted blade types, shell mills, and blades sold separately) for machine tools and metalworking machinery .....	2002.. 53 1997.. 61	X X	X X	143 048 166 787
3335151438	Nonindexible inserted blade type milling cutters (all types, complete) for machine tools and metalworking machinery .....	2002.. 12 1997.. 16	X X	X X	25 556 7 647
3335151442	Indexible and throwaway insert type milling cutters (all types, complete) for machine tools and metalworking machinery .....	2002.. 24 1997.. 27	X X	X X	99 125 43 860
3335151444	All other miscellaneous high-speed steel milling cutters, for machine tools and metalworking machinery .....	2002.. 19 1997.. 27	X X	X X	43 017 79 377
3335151446	All other miscellaneous solid and tipped carbide milling cutters, for machine tools and metalworking machinery (excluding tips and blanks sold separately) .....	2002.. 15 1997.. 33	X X	X X	8 525 28 213
33351515	Threading tools, including blanks, tips, and inserts .....	2002.. N 1997.. N	X X	X X	620 675 892 902
3335151554	Dies, with two or more thread-forming edges integral with the body (excluding metalworking dies) for machine tools and metalworking machinery .....	2002.. 8 1997.. 9	X X	X X	33 217 14 375
3335151558	Chasers, single edge thread-cutting, circular blade and tangent types for mount in-on holders, die heads, and tap bodies for machine tools and metalworking machinery .....	2002.. 10 1997.. 15	X X	X X	64 894 40 250
3335151562	Molded blanks and tips (excluding pressed-to-size inserts) for machine tools and metalworking machinery .....	2002.. 11 1997.. 21	X X	X X	92 301 123 005
3335151564	Other carbide indexible and throwaway inserts for machine tools and metalworking machinery .....	2002.. 16 1997.. 23	X X	X X	123 648 289 153
3335151568	Carbide inserts (except indexible and throwaway types) for machine tools and metalworking machinery .....	2002.. 12 1997.. 23	X X	X X	42 499 78 528
3335151572	Thread-rolling dies (including circular, flat, and planetary) for machine tools and metalworking machinery .....	2002.. 9 1997.. 13	X X	X X	11 317 57 666
3335151574	Other threading tools (including screw plates and threading sets) for machine tools and metalworking machinery .....	2002.. 11 1997.. 8	X X	X X	15 036 4 664
3335151576	All other miscellaneous carbon steel cutting tools for machine tools (including rotary burrs, rotary files, and spade drills) .....	2002.. 21 1997.. 22	X X	X X	82 058 74 416
3335151578	All other miscellaneous high-speed steel cutting tools for machine tools (including rotary burrs, rotary files, and spade drills) .....	2002.. 28 1997.. 51	X X	X X	68 012 89 847
3335151582	Ceramic indexible and throwaway inserts for machine tools and metalworking machinery .....	2002.. 8 1997.. 11	X X	X X	54 431 38 737

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				Quantity	Value (\$1,000)
333515	Cutting tool and machine tool accessory manufacturing—Con.				
3335151	Small cutting tools for machine tools and metalworking machinery—Con.				
33351515	Threading tools, including blanks, tips, and inserts—Con.				
3335151584	Indexible and throwaway inserts (except carbide and ceramic) for machine tools and metalworking machinery .....	2002.. 10	X	X	18 043
		1997.. 11	X	X	D
3335151586	Ceramic inserts (except indexible and throwaway types) for machine tools and metalworking machinery .....	2002.. —	X	X	191
		1997.. 3	X	X	D
3335151592	All other inserts (except carbide and ceramic, and indexible and throwaway) for machine tools and metalworking machinery .....	2002.. 7	X	X	15 028
		1997.. 14	X	X	35 521
33351516	Taps (excluding taps in threading sets and screw plates and inserted chaser types) for machine tools and metalworking machinery .....	2002.. N	X	X	122 199
		1997.. N	X	X	179 039
3335151656	Taps (excluding taps in threading sets and screw plates and inserted chaser types) for machine tools and metalworking machinery .....	2002.. 17	X	X	122 199
		1997.. 31	X	X	179 039
33351517	Precision ground carbide indexible and throwaway inserts for machine tools and metalworking machinery .....	2002.. N	X	X	217 569
		1997.. N	X	X	366 607
3335151766	Precision ground carbide indexible and throwaway inserts for machine tools and metalworking machinery .....	2002.. 47	X	X	217 569
		1997.. 73	X	X	366 607
3335151Y	Small cutting tools for machine tools and metalworking machinery, nsk .....	2002.. N	X	X	124 923
		1997.. N	X	X	120 536
3335151YVV	Small cutting tools for machine tools and metalworking machinery, nsk .....	2002.. N	X	X	124 923
		1997.. N	X	X	120 536
3335153	Other attachments and accessories for machine tools and metalworking machinery .....	2002.. N	X	X	1 003 773
		1997.. N	X	X	1 085 230
33351531	Other attachments and accessories for machine tools and metalworking machinery .....	2002.. N	X	X	931 682
		1997.. N	X	X	1 038 558
3335153101	Holders for turning tools, mechanically clamping for inserts and bits (except box tools and screw machine tool holders) for machine tools and metalworking machinery .....	2002.. 34	X	X	141 086
		1997.. 52	X	X	125 623
3335153106	Holders for boring bars and heads for machine tools and metalworking machinery .....	2002.. 17	X	X	25 519
		1997.. 34	X	X	72 632
3335153111	Holders for drilling, reaming, and tapping chucks for machine tools and metalworking machinery .....	2002.. 19	X	X	59 732
		1997.. 17	X	X	129 163
3335153116	Holders for special tooling and attachments for screw and automatic machines (box tools, tool holders, turrets, rollers, etc.) .....	2002.. 42	X	X	146 940
		1997.. 41	X	X	52 711
3335153121	Holders for die heads and tap bodies for chaser-type threading and thread-rolling heads (excluding hand-type die stocks) .....	2002.. 7	X	X	18 738
		1997.. 15	X	X	16 805
3335153126	Other tool holders, including chucks, drill heads, tool posts, turrets, sleeves, sockets, etc. ....	2002.. 22	X	X	68 545
		1997.. 27	X	X	84 405
3335153131	Tracer and tapering attachments, safety devices, centers, dogs, work rests, chutes, etc., for machine tools and metalworking machinery .....	2002.. 4	X	X	26 395
		1997.. 12	X	X	24 807
3335153136	Lathe chucks for machine tools and metalworking machinery .....	2002.. 7	X	X	18 494
		1997.. 12	X	X	23 829
3335153146	Rotary tables, including numerically controled .....	2002.. 11	X	X	20 986
		1997.. 12	X	X	15 637
3335153152	Indexing work holders, excluding rotary tables .....	2002.. 9	X	X	29 225
		1997.. 13	X	X	36 912
3335153154	Collets, jaws, vises .....	2002.. 38	X	X	88 833
		1997.. 47	X	X	113 046
3335153156	Tool room specialties (including levels, angle plates, parallels, sine bars, V-blocks, flats, etc.) for machine tools and metalworking machinery .....	2002.. 9	X	X	16 884
		1997.. 17	X	X	35 798
3335153166	Collets, jaws, and vises, including mandrels, feeding fingers clamps, stops, etc. ....	2002.. 18	X	X	28 154
		1997.. 49	X	X	98 410
3335153176	All other attachments and accessories for machine tools and metalworking machinery .....	2002.. 75	X	X	242 151
		1997.. 88	X	X	208 780
3335153Y	Other attachments and accessories for machine tools and metalworking machinery, nsk .....	2002.. N	X	X	72 091
		1997.. N	X	X	46 672
3335153YVV	Other attachments and accessories for machine tools and metalworking machinery, nsk .....	2002.. N	X	X	72 091
		1997.. N	X	X	46 672
333515W	Cutting tool and machine tool accessory manufacturing, nsk, total .....	2002.. N	X	X	634 130
		1997.. N	X	X	663 062
333515WY	Cutting tool and machine tool accessory manufacturing, nsk, total .....	2002.. N	X	X	634 130
		1997.. N	X	X	663 062
333515WYWWW	Cutting tool and machine tool accessory manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	247 411
		1997.. N	X	X	364 069

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				Quantity	Value (\$1,000)
333515	Cutting tool and machine tool accessory manufacturing—Con.				
333515W	Cutting tool and machine tool accessory manufacturing, nsk, total—Con.				
333515WY	Cutting tool and machine tool accessory manufacturing, nsk, total—Con.				
333515WYWY	Cutting tool and machine tool accessory manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	386 719 298 993
333516	Rolling mill machinery and equipment manufacturing	2002.. N 1997.. N	X X	X X	487 870 666 294
3335161	Hot rolling mill machinery (including combination hot and cold) (except tube rolling)	2002.. N 1997.. N	X X	X X	127 880 181 403
33351611	Hot rolling mill machinery (including combination hot and cold) (except tube rolling)	2002.. N 1997.. N	X X	X X	127 880 181 403
3335161100	Hot rolling mill machinery (including combination hot and cold) (except tube rolling)	2002.. 10 1997.. N	X X	X X	127 880 N
3335163	Cold rolling mill machinery	2002.. N 1997.. N	X X	X X	67 462 95 007
33351631	Cold rolling mill machinery	2002.. N 1997.. N	X X	X X	67 462 95 007
3335163101	Tandem cold rolling mill machinery	2002.. 7 1997.. 6	X X	X X	17 729 20 846
3335163106	Single stand cold rolling mill machinery	2002.. 5 1997.. 5	X X	X X	36 927 60 056
3335163191	Other cold rolling mill machinery and equipment	2002.. 9 1997.. 7	X X	X X	12 806 14 105
3335163Y	Cold rolling mill machinery, nsk	2002.. N 1997.. N	X X	X X	— —
3335163YVW	Cold rolling mill machinery, nsk	2002.. N 1997.. N	X X	X X	— —
3335165	Other rolling mill machinery (including tube mill machinery) and parts for all rolling mill machinery	2002.. N 1997.. N	X X	X X	263 965 348 676
33351651	Other rolling mill machinery (including tube mill machinery) and parts for all rolling mill machinery	2002.. N 1997.. N	X X	X X	263 554 347 473
3335165101	Tube rolling mill machinery	2002.. 12 1997.. 9	X X	X X	85 454 76 036
3335165106	Processing lines (including pickling and cleaning, tinning, galvanizing, etc.), scarfing units, and press feed lines	2002.. 10 1997.. 6	X X	X X	23 442 70 311
3335165111	Other rolling mill machinery and equipment, except parts	2002.. 9 1997.. 12	X X	X X	12 645 46 134
3335165116	Machined rolls for rolling mills	2002.. 12 1997.. 19	X X	X X	98 195 109 911
3335165121	Parts, except rolls, for rolling mill machinery (sold separately)	2002.. 17 1997.. 15	X X	X X	43 818 45 081
3335165Y	Other rolling mill machinery (including tube mill machinery) and parts for all rolling mill machinery, nsk	2002.. N 1997.. N	X X	X X	411 1 203
3335165YVW	Other rolling mill machinery (including tube mill machinery) and parts for all rolling mill machinery, nsk	2002.. N 1997.. N	X X	X X	411 1 203
333516W	Rolling mill machinery and equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	28 563 41 208
333516WY	Rolling mill machinery and equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	28 563 41 208
333516WYWV	Rolling mill machinery and equipment manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	16 937 17 858
333516WYWY	Rolling mill machinery and equipment manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	11 626 23 350
333518	Other metalworking machinery manufacturing	2002.. N 1997.. N	X X	X X	2 635 123 3 199 715
3335181	Assembly machines	2002.. N 1997.. N	X X	X X	1 849 015 2 010 605
33351811	Rotary transfer metalworking assembly machines (dial and rotary, trunnion, center column)	2002.. N 1997.. N	X X	X X	249 624 192 309
3335181101	Rotary transfer metalworking assembly machines (dial and rotary, trunnion, center column)	2002.. 44 1997.. 51	X X	X X	249 624 192 309
33351812	Inline transfer, synchronous metalworking assembly machines	2002.. N 1997.. N	X X	X X	288 938 308 248
3335181206	Inline transfer, synchronous metalworking assembly machines	2002.. 35 1997.. 48	X X	X X	288 938 308 248
33351813	Inline transfer, nonsynchronous metalworking assembly machines	2002.. N 1997.. N	X X	X X	237 987 241 928
3335181311	Inline transfer, nonsynchronous metalworking assembly machines	2002.. 24 1997.. 36	X X	X X	237 987 241 928
33351814	Special-purpose and other types of metalworking assembly machines	2002.. N 1997.. N	X X	X X	832 857 1 049 893
3335181416	Special-purpose and other types of metalworking assembly machines	2002.. 111	X	X	832 857

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				Quantity	Value (\$1,000)
333518	Other metalworking machinery manufacturing—Con.				
3335181	Assembly machines—Con.				
33351814	Special-purpose and other types of metalworking assembly machines—Con.				
3335181416	Special-purpose and other types of metalworking assembly machines—Con.				
	1997..	149	X	X	1 049 893
33351815	Parts and attachments for metalworking assembly machines (sold separately) .....	2002..	N	X	141 739
	1997..	N	X	X	81 390
3335181521	Parts and attachments for metalworking assembly machines (sold separately) .....	2002..	73	X	141 739
	1997..	52	X	X	81 390
3335181Y	Assembly machines, nsk .....	2002..	N	X	97 870
	1997..	N	X	X	136 837
3335181YVV	Assembly machines, nsk .....	2002..	N	X	97 870
	1997..	N	X	X	136 837
3335183	Other metalworking machinery (except handheld and ultrasonic) .....	2002..	N	X	656 518
	1997..	N	X	X	868 597
33351831	Other metalworking machinery (except handheld and ultrasonic) .....	2002..	N	X	625 525
	1997..	N	X	X	815 214
3335183101	Metalworking draw benches and wiredrawing machines (except dies, handheld, and ultrasonic) .....	2002..	6	X	7 862
	1997..	6	X	X	14 770
3335183106	Wire rope and wire cable making machines (except handheld and ultrasonic) .....	2002..	6	X	5 598
	1997..	6	X	X	21 468
3335183111	Other metalworking machines for working wire (except handheld and ultrasonic) .....	2002..	19	X	46 269
	1997..	17	X	X	100 022
3335183116	Cut-to-length coil handling lines (conversion or straightening) (except handheld and ultrasonic) .....	2002..	22	X	172 305
	1997..	20	X	X	203 836
3335183121	Slitting coil handling lines (conversion or straightening) (except handheld and ultrasonic) .....	2002..	9	X	40 895
	1997..	12	X	X	58 648
3335183126	Other metalworking machinery (except handheld and ultrasonic) .....	2002..	57	X	302 322
	1997..	72	X	X	357 746
3335183131	Parts and attachments for other metalworking machinery (except handheld and ultrasonic) (sold separately) .....	2002..	33	X	50 274
	1997..	33	X	X	58 724
3335183Y	Other metalworking machinery (except handheld and ultrasonic), nsk .....	2002..	N	X	30 993
	1997..	N	X	X	53 383
3335183YVV	Other metalworking machinery (except handheld and ultrasonic), nsk .....	2002..	N	X	30 993
	1997..	N	X	X	53 383
333518W	Other metalworking machinery manufacturing, nsk, total .....	2002..	N	X	129 590
	1997..	N	X	X	320 513
333518WY	Other metalworking machinery manufacturing, nsk, total .....	2002..	N	X	129 590
	1997..	N	X	X	320 513
333518WYVV	Other metalworking machinery manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	66 835
	1997..	N	X	X	258 367
333518WYVY	Other metalworking machinery manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	62 755
	1997..	N	X	X	62 146
333611	Turbine and turbine generator set units manufacturing .....	2002..	N	X	13 276 992
	1997..	N	X	X	6 594 972
3336110	Turbines, turbine generators, and turbine generator sets (including parts) .....	2002..	N	X	13 276 992
	1997..	N	X	X	6 594 972
33361101	Turbine generator sets .....	2002..	N	X	1 834 405
	1997..	N	X	X	2 677 815
3336110101	Turbine generator sets .....	2002..	18	X	1 834 405
	1997..	14	X	X	2 677 815
33361102	Steam turbines and other vapor turbines .....	2002..	N	X	D
	1997..	N	X	X	219 650
3336110211	Steam turbines and other vapor turbines .....	2002..	11	X	D
	1997..	8	X	X	219 650
33361107	Accessories for turbines, turbine generators, and turbine generator sets .....	2002..	N	X	D
	1997..	N	X	X	1 368 051
3336110741	Parts and accessories for hydraulic turbines (sold separately) .....	2002..	5	X	D
	1997..	1	X	X	D
3336110746	Parts and accessories for steam and other vapor turbines (sold separately) .....	2002..	12	X	404 642
	1997..	17	X	X	360 353
3336110761	Parts and accessories for gas turbines, except aircraft (sold separately) .....	2002..	40	X	1 231 692
	1997..	29	X	X	241 553
3336110766	Parts and accessories for wind turbines (sold separately) .....	2002..	1	X	D
	1997..	1	X	X	D
3336110776	Turbine generator parts and accessories (sold separately) .....	2002..	23	X	132 583
	1997..	18	X	X	D
33361108	Other turbines and turbine generators .....	2002..	N	X	D
	1997..	N	X	X	506 821
3336110836	Hydraulic turbines (all sizes) .....	2002..	7	X	D
	1997..	4	X	X	D
3336110856	Wind turbines .....	2002..	2	X	D
	1997..	6	X	X	D
3336110871	Turbine generators .....	2002..	8	X	D
	1997..	8	X	X	466 197

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333611	Turbine and turbine generator set units manufacturing—Con.				
3336110	Turbines, turbine generators, and turbine generator sets (including parts)—Con.				
33361109	Gas turbines, except aircraft (all sizes) .....	2002.. N	X	X	D
		1997.. N	X	X	1 739 865
3336110951	Gas turbines, except aircraft (all sizes) .....	2002.. 27	X	X	D
		1997.. 18	X	X	1 739 865
3336110Y	Turbines, turbine generators, and turbine generator sets (including parts), nsk, total .....	2002.. N	X	X	S
		1997.. N	X	X	82 770
3336110YWW	Turbines, turbine generators, and turbine generator sets (including parts), nsk, for nonadministrative-record establishments .....	2002.. N	X	X	S
		1997.. N	X	X	82 770
3336110YWY	Turbines, turbine generators, and turbine generator sets (including parts), nsk, for administrative-record establishments .....	2002.. N	X	X	19 776
		1997.. N	X	X	-
333612	Speed changer, industrial high-speed drive, and gear manufacturing .....	2002.. N	X	X	1 935 245
		1997.. N	X	X	2 434 918
3336123	Gears .....	2002.. N	X	X	615 241
		1997.. N	X	X	688 065
33361231	Gears, pinions, racks, and worms, sold separately .....	2002.. N	X	X	611 447
		1997.. N	X	X	680 528
3336123111	Loose gears, coarse pitch (diametral pitch less than 20), helical and spur (and herringbone), diameter 24 in. (60.96 cm) or less, hard finished .....	2002.. 53	X	X	187 211
		1997.. 64	X	X	132 440
3336123113	Loose gears, coarse pitch (diametral pitch less than 20), helical and spur (and herringbone), diameter 24 in. (60.96 cm) or less, other than hard finished .....	2002.. 45	X	X	86 649
		1997.. 38	X	X	66 569
3336123116	Loose gears, coarse pitch (diametral pitch less than 20), helical and spur (and herringbone), diameter more than 24 in. (60.96 cm), up through 72 in. (182.88 cm) .....	2002.. 28	X	X	52 839
		1997.. 30	X	X	56 285
3336123118	Loose gears, coarse pitch (diametral pitch less than 20), helical and spur (and herringbone), diameter more than 72 in. (182.88 cm) .....	2002.. 10	X	X	15 138
		1997.. 16	X	X	38 524
3336123125	Coarse pitch (diametral pitch less than 20) worms and worm gearing, sold separately .....	2002.. 31	X	X	48 801
		1997.. 39	X	X	42 360
3336123135	Loose gears, coarse pitch (diametral pitch less than 20), bevel (straight, spiral, and other) .....	2002.. 26	X	X	91 058
		1997.. 38	X	X	74 263
3336123146	All other miscellaneous loose gearing, coarse pitch (diametral pitch less than 20), including racks .....	2002.. 25	X	X	31 739
		1997.. 26	X	X	133 076
3336123153	Loose gears, fine pitch (diametral pitch 20 or more), helical and spur (and herringbone) .....	2002.. 33	X	X	60 590
		1997.. 38	X	X	88 369
3336123155	Fine pitch (diametral pitch 20 or more) worms and worm gearing, sold separately .....	2002.. 17	X	X	6 596
		1997.. 16	X	X	7 006
3336123157	All other miscellaneous loose gearing, fine pitch (diametral pitch 20 or more), including bevel gears and racks .....	2002.. 20	X	X	30 826
		1997.. 27	X	X	41 636
3336123Y	Gears, nsk .....	2002.. N	X	X	3 794
		1997.. N	X	X	7 537
3336123YWV	Gears, nsk .....	2002.. N	X	X	3 794
		1997.. N	X	X	7 537
3336127	Speed changers and industrial high-speed drives .....	2002.. N	X	X	1 243 241
		1997.. N	X	X	1 544 834
33361271	Worm speed reducers .....	2002.. N	X	X	190 907
		1997.. N	X	X	254 269
3336127114	Worm speed reducers, single reduction, center distance less than 3 in. (7.62 cm), with C-face, flange, or scoop mount .....	2002.. 10	X	X	72 832
		1997.. 11	X	X	87 825
3336127116	Worm speed reducers, single reduction, center distance less than 3 in. (7.62 cm), without C-face, flange, or scoop mount .....	2002.. 8	X	X	31 418
		1997.. 8	X	X	37 753
3336127118	Worm speed reducers, single reduction, center distance 3 in. (7.62 cm) or more .....	2002.. 10	X	X	67 426
		1997.. 13	X	X	103 600
3336127121	Worm speed reducers, double or multiple reduction (worm/worm or helical/worm) .....	2002.. 8	X	X	19 231
		1997.. 7	X	X	25 091
33361272	Right angle worm gearmotors (enclosed right angle worm gear drive in common support with an electric motor, having an exclusive and dependent, or interrelated, design) .....	2002.. N	X	X	31 403
		1997.. N	X	X	99 082
3336127225	Right angle worm gearmotors (enclosed right angle worm gear drive in common support with an electric motor, having an exclusive and dependent, or interrelated, design), less than 1 hp (746 watts) .....	2002.. 6	X	X	D
		1997.. 9	X	X	47 524
3336127226	Right angle worm gearmotors (enclosed right angle worm gear drive in common support with an electric motor, having an exclusive and dependent, or interrelated, design), at least 1 hp (746 watts) .....	2002.. 4	X	X	D
		1997.. 9	X	X	51 558
33361273	Replacement parts for worm gear products (except for worms and worm gears) .....	2002.. N	X	X	25 222
		1997.. N	X	X	23 550

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333612	Speed changer, industrial high-speed drive, and gear manufacturing—Con.				
3336127	Speed changers and industrial high-speed drives—Con.				
33361273	Replacement parts for worm gear products (except for worms and worm gears)—Con.				
3336127329	Replacement parts for worm gear products (except for worms and worm gears) .....	2002 .. 9	X	X	25 222
		1997 .. 11	X	X	23 550
33361274	Planetary, cycloidal, epicyclic, chain, cam, and allied concentric and parallel shaft speed reducers, motor-reducers, and gearmotor products (including parts) .....	2002 .. N	X	X	443 975
		1997 .. N	X	X	532 473
3336127437	Enclosed concentric and parallel (planetary, cycloid, epicyclic, etc.) shaft speed reducers and motor-reducers, center distance 6 in. (15.24 cm) or less .....	2002 .. 10	X	X	94 923
		1997 .. 16	X	X	53 578
3336127438	Enclosed concentric and parallel (planetary, cycloid, epicyclic, etc.) shaft speed reducers and motor-reducers, center distance greater than 6 in. (15.24 cm) .....	2002 .. 13	X	X	51 275
		1997 .. 12	X	X	46 211
3336127441	Concentric and parallel (planetary, cycloid, epicyclic, etc.) gearmotors (shaft motor-reducers), less than 1 hp (746 watts) .....	2002 .. 9	X	X	76 817
		1997 .. 12	X	X	144 791
3336127443	Concentric and parallel (planetary, cycloid, epicyclic, etc.) gearmotors (shaft motor-reducers), at least 1 hp (746 watts) up through 5 hp (3.73 kW) .....	2002 .. 7	X	X	53 444
		1997 .. 8	X	X	32 297
3336127445	Concentric and parallel (planetary, cycloid, epicyclic, etc.) gearmotors (shaft motor-reducers), more than 5 hp (3.73 kW), up through 20 hp (14.9 kW) .....	2002 .. 5	X	X	D
		1997 .. 4	X	X	D
3336127447	Concentric and parallel (planetary, cycloid, epicyclic, etc.) gearmotors (shaft motor-reducers), more than 20 hp (14.9 kW) .....	2002 .. 3	X	X	D
		1997 .. 5	X	X	D
333612744G	Planetary, cycloidal, epicyclic, chain, and cam reducers and gearmotors .....	2002 .. 9	X	X	127 657
		1997 .. 14	X	X	225 271
333612744R	Replacement parts for concentric and parallel shaft speed reducer, motor-reducer, and gearmotor products, including planetaries, cycloids, and allied products .....	2002 .. 12	X	X	18 980
		1997 .. 12	X	X	12 136
33361275	Shaft-mounted speed reducers and screw conveyor drives (including parts) .....	2002 .. N	X	X	100 234
		1997 .. N	X	X	154 156
3336127553	Shaft-mounted speed reducers and screw conveyor drives, maximum bore of hollow shaft 2.756 in. (70 mm) or less in diameter .....	2002 .. 6	X	X	41 432
		1997 .. 8	X	X	55 578
3336127555	Shaft-mounted speed reducers and screw conveyor drives, maximum bore of hollow shaft more than 2.756 in. (70 mm) in diameter .....	2002 .. 10	X	X	54 263
		1997 .. 14	X	X	90 338
3336127559	Replacement parts for shaft-mounted speed reducers and screw conveyor drives .....	2002 .. 5	X	X	4 539
		1997 .. 8	X	X	8 240
33361276	Industrial high-speed drives, fixed ratio (pitch line velocity of 5,000 feet (1,525 meters) per minute or more) .....	2002 .. N	X	X	D
		1997 .. N	X	X	34 295
3336127666	Industrial high-speed drives, fixed ratio (pitch line velocity of 5,000 feet (1,525 meters) per minute or more) .....	2002 .. 5	X	X	D
		1997 .. 9	X	X	34 295
33361277	Offset parallel shaft and right angle speed reducers, except parts .....	2002 .. N	X	X	256 096
		1997 .. N	X	X	228 973
3336127771	Offset parallel shaft speed reducers (including helical, herringbone, and spur), low-speed center 15 in. (38.10 cm) or less .....	2002 .. 12	X	X	28 697
		1997 .. 12	X	X	101 704
3336127773	Offset parallel shaft speed reducers (including helical, herringbone, and spur), low-speed center more than 15 in. (38.10 cm) .....	2002 .. 9	X	X	19 842
		1997 .. 9	X	X	60 717
3336127776	Right angle, single reduction speed reducers, other than worm .....	2002 .. 17	X	X	207 557
		1997 .. 11	X	X	66 552
33361278	Replacement parts for offset parallel and right angle speed reducers .....	2002 .. N	X	X	24 175
		1997 .. N	X	X	31 052
3336127879	Replacement parts for offset parallel and right angle speed reducers .....	2002 .. 13	X	X	24 175
		1997 .. 9	X	X	31 052
33361279	Mechanical adjustable speed drives (nonhydraulic variable speed changers), excluding parts .....	2002 .. N	X	X	41 650
		1997 .. N	X	X	50 854
3336127983	Mechanical adjustable speed drives (nonhydraulic variable speed changers), excluding parts .....	2002 .. 12	X	X	41 650
		1997 .. 14	X	X	50 854
3336127A	Parts for mechanical adjustable speed drives (nonhydraulic variable speed changers) .....	2002 .. N	X	X	D
		1997 .. N	X	X	15 469
3336127A88	Parts for mechanical adjustable speed drives (nonhydraulic variable speed changers) .....	2002 .. 4	X	X	D
		1997 .. 6	X	X	15 469
3336127B	All other miscellaneous geared speed changers, industrial high-speed drives, and mechanical variable speed drives (gearboxes and allied products) (including parts) .....	2002 .. N	X	X	88 806
		1997 .. N	X	X	119 134

See footnotes at end of table.

Table 1. **Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333612	Speed changer, industrial high-speed drive, and gear manufacturing—Con.				
3336127	Speed changers and industrial high-speed drives—Con.				
3336127B	All other miscellaneous geared speed changers, industrial high-speed drives, and mechanical variable speed drives (gearboxes and allied products) (including parts)—Con.				
3336127B99	All other miscellaneous geared speed changers, industrial high-speed drives, and mechanical variable speed drives (gearboxes and allied products) (including parts) . . . . .	2002 . . . . . 28	X	X	88 806
		1997 . . . . . 29	X	X	119 134
3336127Y	Speed changers and industrial high-speed drives, nsk . . . . .	2002 . . . . . N	X	X	—
		1997 . . . . . N	X	X	1 527
3336127YVW	Speed changers and industrial high-speed drives, nsk . . . . .	2002 . . . . . N	X	X	—
		1997 . . . . . N	X	X	1 527
333612W	Speed changer, industrial high-speed drive, and gear manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	76 763
		1997 . . . . . N	X	X	202 019
333612WY	Speed changer, industrial high-speed drive, and gear manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	76 763
		1997 . . . . . N	X	X	202 019
333612WYVW	Speed changer, industrial high-speed drive, and gear manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N	X	X	595
		1997 . . . . . N	X	X	136 630
333612WYVY	Speed changer, industrial high-speed drive, and gear manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N	X	X	76 168
		1997 . . . . . N	X	X	65 389
333613	Mechanical power transmission equipment manufacturing. . . . .	2002 . . . . . N	X	X	2 607 800
		1997 . . . . . N	X	X	3 023 510
3336131	Plain bearings and bushings . . . . .	2002 . . . . . N	X	X	484 529
		1997 . . . . . N	X	X	422 123
33361311	Plain bearings and bushings . . . . .	2002 . . . . . N	X	X	484 529
		1997 . . . . . N	X	X	405 707
3336131112	Plain bearings and bushings, unmounted, machined (except engine) . . . . .	2002 . . . . . 60	X	X	466 332
		1997 . . . . . 42	X	X	371 588
3336131151	Plain bearings, mounted (except engine) . . . . .	2002 . . . . . 10	X	X	18 197
		1997 . . . . . 8	X	X	34 119
3336131Y	Plain bearings and bushings, nsk . . . . .	2002 . . . . . N	X	X	—
		1997 . . . . . N	X	X	16 416
3336131YVW	Plain bearings and bushings, nsk . . . . .	2002 . . . . . N	X	X	—
		1997 . . . . . N	X	X	16 416
3336133	Mechanical power transmission equipment, except speed changers, drives, and gears . . . . .	2002 . . . . . N	X	X	2 119 434
		1997 . . . . . N	X	X	2 480 907
33361331	Friction-type clutches and brakes . . . . .	2002 . . . . . N	X	X	276 421
		1997 . . . . . N	X	X	239 988
3336133111	Friction-type clutches and brakes . . . . .	2002 . . . . . 33	X	X	276 421
		1997 . . . . . 24	X	X	239 988
33361332	Other clutches and brakes, including hydraulic couplings . . . . .	2002 . . . . . N	X	X	113 987
		1997 . . . . . N	X	X	185 450
3336133213	Hydraulic-type clutches and brakes, including hydraulic couplings . . . . .	2002 . . . . . 10	X	X	36 164
		1997 . . . . . 9	X	X	40 084
3336133219	All other clutches and brakes . . . . .	2002 . . . . . 22	X	X	77 823
		1997 . . . . . 16	X	X	145 366
33361333	Flexible couplings . . . . .	2002 . . . . . N	X	X	197 507
		1997 . . . . . N	X	X	294 151
3336133327	Gear-type flexible couplings . . . . .	2002 . . . . . 15	X	X	58 792
		1997 . . . . . 13	X	X	110 164
3336133329	Flexible couplings other than gear-type . . . . .	2002 . . . . . 24	X	X	138 715
		1997 . . . . . 17	X	X	183 987
33361334	Roller chains for sprocket drives, meeting any ASME or ANSI standard . . . . .	2002 . . . . . N	X	X	230 151
		1997 . . . . . N	X	X	207 524
3336133444	Roller chains for sprocket drives, meeting any ASME or ANSI standard . . . . .	2002 . . . . . 9	X	X	230 151
		1997 . . . . . 9	X	X	207 524
33361335	Other chains for sprocket drives . . . . .	2002 . . . . . N	X	X	67 536
		1997 . . . . . N	X	X	129 802
3336133545	Other chains for sprocket drives . . . . .	2002 . . . . . 6	X	X	67 536
		1997 . . . . . 6	X	X	129 802
33361336	Sheaves . . . . .	2002 . . . . . N	X	X	126 425
		1997 . . . . . N	X	X	153 207
3336133648	Single drive sheaves . . . . .	2002 . . . . . 7	X	X	80 912
		1997 . . . . . 11	X	X	83 514
3336133649	Multiple drive sheaves . . . . .	2002 . . . . . 5	X	X	45 513
		1997 . . . . . 9	X	X	69 693
33361337	All other miscellaneous mechanical power transmission equipment, except speed changers, drives, gears, and bearings . . . . .	2002 . . . . . N	X	X	1 070 311
		1997 . . . . . N	X	X	1 186 047
3336133756	Universal joints . . . . .	2002 . . . . . 12	X	X	62 390
		1997 . . . . . 16	X	X	136 101
3336133763	Sprockets . . . . .	2002 . . . . . 40	X	X	191 108
		1997 . . . . . 32	X	X	187 831
3336133767	Pulleys . . . . .	2002 . . . . . 32	X	X	75 642
		1997 . . . . . 23	X	X	54 042
3336133788	Marine propulsion gear transmissions and drives . . . . .	2002 . . . . . 20	X	X	171 803
		1997 . . . . . 14	X	X	90 154
3336133792	All other miscellaneous mechanical power transmission equipment, except parts . . . . .	2002 . . . . . 35	X	X	387 235
		1997 . . . . . 44	X	X	550 527
3336133798	Parts for mechanical power transmission equipment . . . . .	2002 . . . . . 28	X	X	182 133
		1997 . . . . . 29	X	X	167 392

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333613	Mechanical power transmission equipment manufacturing—Con.				
3336133	Mechanical power transmission equipment, except speed changers, drives, and gears—Con.				
3336133Y	Mechanical power transmission equipment, except speed changers, drives, and gears, nsk	2002.. N	X	X	37 096
		1997.. N	X	X	84 738
3336133YWV	Mechanical power transmission equipment, except speed changers, drives, and gears, nsk	2002.. N	X	X	37 096
		1997.. N	X	X	84 738
333613W	Mechanical power transmission equipment manufacturing, nsk, total	2002.. N	X	X	3 837
		1997.. N	X	X	120 480
333613WY	Mechanical power transmission equipment manufacturing, nsk, total	2002.. N	X	X	3 837
		1997.. N	X	X	120 480
333613WYWW	Mechanical power transmission equipment manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	S
		1997.. N	X	X	47 561
333613WYWY	Mechanical power transmission equipment manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	4 666
		1997.. N	X	X	72 919
333618	Other engine equipment manufacturing	2002.. N	X	X	18 360 263
		1997.. N	X	X	18 651 316
3336181	Gasoline and gas-gasoline engines (except aircraft, automobile, highway truck, bus, tank, and outboard marine)	2002.. N	X	X	2 575 274
		1997.. N	X	X	2 438 511
33361811	Gasoline and gas-gasoline engines (except aircraft, automobile, highway truck, bus, tank, and outboard marine)	2002.. N	X	X	2 575 274
		1997.. N	X	X	2 438 511
3336181100	Gasoline and gas-gasoline engines (except aircraft, automobile, highway truck, bus, tank, and outboard marine) <sup>41</sup>	2002.. 24	X	X	2 575 274
		1997.. 20	X	X	2 438 511
3336183	Diesel, semidiesel, and dual-fuel engines (except automobile, highway truck, bus, and tank)	2002.. N	X	X	2 491 594
		1997.. N	X	X	3 251 257
33361831	Diesel, semidiesel, and dual-fuel engines (except automobile, highway truck, bus, and tank)	2002.. N	X	X	2 491 594
		1997.. N	X	X	3 251 257
3336183100	Diesel, semidiesel, and dual-fuel engines (except automobile, highway truck, bus, and tank) <sup>41</sup>	2002.. 25	X	X	2 491 594
		1997.. 20	X	X	3 251 257
3336185	Diesel, semidiesel, and dual-fuel engines for automobiles, highway trucks, and buses	2002.. N	X	X	5 915 792
		1997.. N	X	X	6 401 731
33361851	Diesel, semidiesel, and dual-fuel engines for automobiles, highway trucks, and buses	2002.. N	X	X	5 915 792
		1997.. N	X	X	6 401 731
3336185100	Diesel, semidiesel, and dual-fuel engines for automobiles, highway trucks, and buses <sup>41</sup>	2002.. 20	X	X	5 915 792
		1997.. 24	X	X	6 401 731
3336189	Piston-type natural gas engines, including LPG (liquefied petroleum gas) engines (excluding gas turbines)	2002.. N	X	X	283 130
		1997.. N	X	X	431 767
33361891	Piston-type natural gas engines, including LPG (liquefied petroleum gas) engines (excluding gas turbines)	2002.. N	X	X	283 130
		1997.. N	X	X	431 767
3336189100	Piston-type natural gas engines, including LPG (liquefied petroleum gas) engines (excluding gas turbines)	2002.. 9	X	X	283 130
		1997.. 8	X	X	431 767
333618B	All other miscellaneous engine equipment	2002.. N	X	X	1 030 658
		1997.. N	X	X	N
333618B1	All other miscellaneous engine equipment	2002.. N	X	X	1 015 463
		1997.. N	X	X	N
333618B101	Tank engines, except gas turbines	2002.. —	X	X	—
		1997.. N	X	X	N
333618B106	Converted internal combustion engines (basic engines, short blocks purchased or intracompany transfer and converted to marine or other uses)	2002.. 3	X	X	D
		1997.. N	X	X	N
333618B108	Outboard motors (including electric)	2002.. 8	X	X	756 653
		1997.. N	X	X	N
333618B110	All other miscellaneous engine equipment	2002.. 11	X	X	D
		1997.. N	X	X	N
333618BY	All other miscellaneous engine equipment, nsk	2002.. N	X	X	15 195
		1997.. N	X	X	N
333618BYWV	All other miscellaneous engine equipment, nsk	2002.. N	X	X	15 195
		1997.. N	X	X	N
333618F	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	2002.. N	X	X	5 876 981
		1997.. N	X	X	4 311 222
333618F1	Electrical machinery, equipment, and supplies, excluding fuel injection system	2002.. N	X	X	4 710 060
		1997.. N	X	X	3 591 876
333618F101	Connecting rods for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines	2002.. 16	X	X	65 323
		1997.. 16	X	X	54 710
333618F106	Engine crankshafts for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines	2002.. 17	X	X	35 565
		1997.. 20	X	X	145 392
333618F111	Engine camshafts for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines	2002.. 14	X	X	157 759

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333618	Other engine equipment manufacturing—Con.				
333618F	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines—Con.				
333618F1	Electrical machinery, equipment, and supplies, excluding fuel injection system—Con.				
333618F111	Engine camshafts for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines—Con.	1997.. 16	X	X	137 169
333618F116	Flywheels for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	2002.. 10	X	X	34 637
333618F121	Main (crankshaft) engine bearings (halves) for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	1997.. 15	X	X	60 305
333618F126	Connecting rod bearings (halves) for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	2002.. 4	X	X	D
333618F131	Other engine bearings (halves) (camshaft, balance shaft, etc.) for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	1997.. 7	X	X	52 249
333618F136	Oil pumps, new, for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	2002.. 6	X	X	12 705
333618F141	Fuel pumps, new, for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	1997.. 9	X	X	D
333618F146	Water pumps, new, for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	2002.. 5	X	X	35 001
333618F151	Engine blocks for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	1997.. 9	X	X	46 376
333618F156	Cylinder liners (sleeves) for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	2002.. 15	X	X	61 525
333618F161	Cylinder heads for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	1997.. 16	X	X	67 242
333618F166	Intake manifolds and exhaust manifolds for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	2002.. 10	X	X	D
333618F171	Valve guides, seats, and tappets for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	1997.. 11	X	X	D
333618F176	Rocker arms and parts for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	2002.. 11	X	X	96 954
333618F186	Engine speed governors for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	1997.. 11	X	X	61 210
333618F196	Superchargers, including turbochargers, for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	2002.. 15	X	X	67 383
333618F199	Other parts and accessories for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	1997.. 22	X	X	325 456
333618F2	Fuel injection systems (multipoint) for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	2002.. 8	X	X	46 202
333618F281	Fuel injection systems (multipoint) for internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	1997.. 23	X	X	299 727
333618FY	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines, nsk .....	2002.. 15	X	X	408 856
333618FYWW	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines, nsk .....	1997.. 20	X	X	307 127
333618W	Other engine equipment manufacturing, nsk, total .....	2002.. 22	X	X	110 128
333618WY	Other engine equipment manufacturing, nsk, total .....	1997.. 25	X	X	89 800
333618WYWW	Other engine equipment manufacturing, nsk, for nonadministrative-record establishments .....	2002.. 10	X	X	63 582
333618WYWY	Other engine equipment manufacturing, nsk, for administrative-record establishments .....	1997.. 17	X	X	19 665
333911	Pump and pumping equipment manufacturing .....	2002.. 11	X	X	149 017

See footnotes at end of table.

Table 1. Products Statistics: 2002 and 1997—Con.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
333911	Pump and pumping equipment manufacturing—Con.					
		1997..	N	X	X	6 116 900
33391111	Pump and pumping equipment .....	2002..	N	X	X	5 034 104
		1997..	N	X	X	4 650 241
333911111	Domestic water systems (pumps for farm and home use), excluding irrigation pumps .....	2002..	N	X	X	662 114
		1997..	N	X	X	384 861
3339111110	Domestic water systems (pumps for farm and home use), excluding irrigation pumps <sup>42</sup> .....	2002..	32	X	X	662 114
		1997..	29	X	X	384 861
33391112	Domestic sump pumps (1 hp or less) (including the value of the driver if shipped as a complete unit) .....	2002..	N	X	X	298 356
		1997..	N	X	X	155 735
3339111220	Domestic sump pumps (1 hp or less) (including the value of the driver if shipped as a complete unit) <sup>42</sup> .....	2002..	16	X	X	298 356
		1997..	14	X	X	155 735
33391113	Oil-well and oil-field pumps, except boiler feed (including the value of the driver if shipped as a complete unit) .....	2002..	N	X	X	652 781
		1997..	N	X	X	413 340
3339111330	Oil-well and oil-field pumps, except boiler feed (including the value of the driver if shipped as a complete unit) <sup>42</sup> .....	2002..	32	X	X	652 781
		1997..	32	X	X	413 340
33391114	Industrial pumps, except hydraulic fluid power pumps, automotive circulating pumps, and measuring and dispensing pumps .....	2002..	N	X	X	2 754 537
		1997..	N	X	X	3 368 678
3339111440	Industrial pumps, except hydraulic fluid power pumps, automotive circulating pumps, and measuring and dispensing pumps <sup>42</sup> .....	2002..	161	X	X	2 754 537
		1997..	156	X	X	3 368 678
33391115	Other pumps, except packaged pumps, hand pumps, automotive circulating pumps, locomotive pumps, hydraulic fluid power pumps, measuring and dispensing pumps, and industrial spraying equipment .....	2002..	N	X	X	651 653
		1997..	N	X	X	327 627
3339111590	Other pumps, except packaged pumps, hand pumps, automotive circulating pumps, locomotive pumps, hydraulic fluid power pumps, measuring and dispensing pumps, and industrial spraying equipment <sup>42</sup> .....	2002..	69	X	X	651 653
		1997..	58	X	X	327 627
3339111Y	Pump and pumping equipment, nsk .....	2002..	N	X	X	14 663
		1997..	N	X	X	—
3339111YWV	Pump and pumping equipment, nsk .....	2002..	N	X	X	14 663
		1997..	N	X	X	—
3339115	Parts and attachments for pumps and pumping equipment (except hydraulic fluid power, and air and gas compressors), including locomotive and packaged pumps .....	2002..	N	X	X	1 054 291
		1997..	N	X	X	1 153 674
33391151	Locomotive fuel lubricating or cooling medium pumps .....	2002..	N	X	X	1 052 660
		1997..	N	X	X	1 153 674
3339115105	Locomotive fuel lubricating or cooling medium pumps .....	2002..	3	X	X	10 026
		1997..	1	X	X	D
3339115133	Parts and attachments for pumps and pumping equipment (except for hydraulic fluid power, and air and gas compressors), including packaged pumps <sup>42</sup> .....	2002..	94	X	X	1 042 634
		1997..	97	X	X	D
3339115Y	Parts and attachments for pumps and pumping equipment (except hydraulic fluid power, and air and gas compressors), including locomotive and packaged pumps, nsk .....	2002..	N	X	X	1 631
		1997..	N	X	X	—
3339115YWV	Parts and attachments for pumps and pumping equipment (except hydraulic fluid power, and air and gas compressors), including locomotive and packaged pumps, nsk .....	2002..	N	X	X	1 631
		1997..	N	X	X	—
333911W	Pump and pumping equipment manufacturing, nsk, total .....	2002..	N	X	X	301 299
		1997..	N	X	X	312 985
333911WY	Pump and pumping equipment manufacturing, nsk, total .....	2002..	N	X	X	301 299
		1997..	N	X	X	312 985
333911WYWW	Pump and pumping equipment manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	127 527
		1997..	N	X	X	146 634
333911WYWY	Pump and pumping equipment manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	173 772
		1997..	N	X	X	166 351
333912	Air and gas compressor manufacturing .....	2002..	N	X	X	4 243 398
		1997..	N	X	X	4 681 070
3339121	Air and gas compressors and vacuum pumps .....	2002..	N	X	X	2 621 884
		1997..	N	X	X	2 931 851
33391211	Air and gas compressors (except compressors for ice making, refrigeration, and air-conditioning equipment), including air motors and packaged compressors .....	2002..	N	X	X	2 232 514
		1997..	N	X	X	2 574 054
3339121110	Air and gas compressors (except compressors for ice making, refrigeration, and air-conditioning equipment), including air motors and packaged compressors <sup>42</sup> .....	2002..	66	X	X	2 232 514
		1997..	65	X	X	2 574 054
33391212	Vacuum pumps (compressors) (including value of the driver if shipped as a complete unit), except laboratory .....	2002..	N	X	X	308 108
		1997..	N	X	X	357 797
3339121220	Vacuum pumps (compressors) (including value of the driver if shipped as a complete unit), except laboratory <sup>42</sup> .....	2002..	28	X	X	308 108
		1997..	37	X	X	357 797
3339121Y	Air and gas compressors and vacuum pumps, nsk .....	2002..	N	X	X	81 262
		1997..	N	X	X	—
3339121YWV	Air and gas compressors and vacuum pumps, nsk .....	2002..	N	X	X	81 262
		1997..	N	X	X	—

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333912	Air and gas compressor manufacturing—Con.				
3339125	Parts and attachments for air and gas compressors (except refrigeration, ice making, and air-conditioning equipment), including packaged compressors .....	2002.. N	X	X	592 670
		1997.. N	X	X	713 789
33391251	Parts and attachments for air and gas compressors (except refrigeration, ice making, and air-conditioning equipment), including packaged compressors .....	2002.. N	X	X	592 670
		1997.. N	X	X	713 789
3339125100	Parts and attachments for air and gas compressors (except refrigeration, ice making, and air-conditioning equipment), including packaged compressors <sup>42</sup> .....	2002.. 70	X	X	592 670
		1997.. 66	X	X	713 789
3339127	Industrial spraying equipment .....	2002.. N	X	X	845 631
		1997.. N	X	X	821 533
33391271	Industrial spraying equipment .....	2002.. N	X	X	845 631
		1997.. N	X	X	821 533
3339127131	Industrial power paint spraying outfits and other liquid power sprayers, except agricultural .....	2002.. 37	X	X	480 730
		1997.. 33	X	X	646 768
3339127151	Industrial hand sprayers, except agricultural and flame .....	2002.. 14	X	X	134 826
		1997.. 11	X	X	128 833
3339127199	Parts and attachments for industrial spraying equipment, sold separately .....	2002.. 14	X	X	230 075
		1997.. 11	X	X	45 932
3339127Y	Industrial spraying equipment, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
3339127YWW	Industrial spraying equipment, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
333912W	Air and gas compressor manufacturing, nsk, total .....	2002.. N	X	X	183 213
		1997.. N	X	X	213 897
333912WY	Air and gas compressor manufacturing, nsk, total .....	2002.. N	X	X	183 213
		1997.. N	X	X	213 897
333912WYWW	Air and gas compressor manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	24 458
		1997.. N	X	X	100 038
333912WYWY	Air and gas compressor manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	158 755
		1997.. N	X	X	113 859
333913	Measuring and dispensing pump manufacturing .....	2002.. N	X	X	867 814
		1997.. N	X	X	1 161 809
3339130	Measuring and dispensing pumps .....	2002.. N	X	X	867 814
		1997.. N	X	X	1 161 809
33391301	Single unit gasoline dispensing pumps, computing type (filling station type), except parts and attachments .....	2002.. N	X	X	D
		1997.. N	X	X	95 491
3339130113	Single unit gasoline dispensing pumps, computing type (filling station type), with suction pumping unit, except parts and attachments .....	2002.. 10	X	X	D
		1997.. 10	X	X	84 405
3339130114	Single unit gasoline dispensing pumps, computing type (filling station type), without suction pumping unit, except parts and attachments .....	2002.. 4	X	X	22 527
		1997.. 5	X	X	11 086
33391302	Multiple unit gasoline dispensing pumps, computing type (filling station type), except parts and attachments .....	2002.. N	X	X	D
		1997.. N	X	X	435 846
3339130223	Multiple unit gasoline dispensing pumps, computing type (filling station type), with suction pumping unit, except parts and attachments .....	2002.. 5	X	X	D
		1997.. 5	X	X	D
3339130224	Multiple unit gasoline dispensing pumps, computing type (filling station type), without suction pumping unit, except parts and attachments .....	2002.. 2	X	X	D
		1997.. 3	X	X	D
33391303	Other gasoline service station measuring and dispensing pumping equipment, including lubricating oil pumps, barrel pumps, and grease guns and parts, and parts for gasoline pumps .....	2002.. N	X	X	455 282
		1997.. N	X	X	597 612
3339130355	Lubricating oil pumps, barrel pumps, grease guns, and all other miscellaneous measuring and dispensing pumps for service station use, complete units .....	2002.. 17	X	X	274 295
		1997.. 21	X	X	161 825
3339130391	Parts and attachments for measuring and dispensing pumps .....	2002.. 15	X	X	180 987
		1997.. 28	X	X	435 787
3339130Y	Measuring and dispensing pumps, nsk, total .....	2002.. N	X	X	4 187
		1997.. N	X	X	32 860
3339130YWW	Measuring and dispensing pumps, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	3 904
		1997.. N	X	X	6 813
3339130YWY	Measuring and dispensing pumps, nsk, for administrative-record establishments .....	2002.. N	X	X	283
		1997.. N	X	X	26 047
333921	Elevator and moving stairway manufacturing .....	2002.. N	X	X	1 878 410
		1997.. N	X	X	1 519 750
3339211	Elevators and moving stairways .....	2002.. N	X	X	1 494 911
		1997.. N	X	X	1 139 976
33392111	Gearless and gearless electric passenger elevator (except farm, portable, and residential lifts) .....	2002.. N	X	X	438 429
		1997.. N	X	X	304 197
3339211101	Gearless electric passenger elevators (except farm, portable, and residential lifts) .....	2002.. 17	X	X	298 524
		1997.. 14	X	X	208 631

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333921	Elevator and moving stairway manufacturing—Con.				
3339211	Elevators and moving stairways—Con.				
33392111	Gearless and gearless electric passenger elevator (except farm, portable, and residential lifts)—Con.				
3339211106	Gearless electric passenger elevators (except farm, portable, and residential lifts) .....	2002.. 9	X	X	139 905
		1997.. 6	X	X	95 566
33392112	Hydraulic passenger elevators (except farm and portable) .....	2002.. N	X	X	558 246
		1997.. N	X	X	304 920
3339211211	Hydraulic passenger elevators (except farm and portable) .....	2002.. 22	X	X	558 246
		1997.. 19	X	X	304 920
33392113	Other elevators and moving stairways, except parts and attachments .....	2002.. N	X	X	488 313
		1997.. N	X	X	523 059
3339211316	Electric freight elevators (except farm and portable) .....	2002.. 9	X	X	12 118
		1997.. 9	X	X	20 381
3339211321	Hydraulic freight elevators (except farm and portable) .....	2002.. 13	X	X	21 475
		1997.. 11	X	X	36 185
3339211326	Automobile lifts (service station and garage type) .....	2002.. 14	X	X	200 763
		1997.. 9	X	X	124 702
3339211331	Moving stairways, escalators, and moving walkways .....	2002.. 8	X	X	145 206
		1997.. 13	X	X	245 218
3339211336	Other nonfarm elevators, including sidewalk elevators, dumb waiters, man lifts, etc. (except portable elevator-stackers) .....	2002.. 25	X	X	108 751
		1997.. 31	X	X	96 573
3339211Y	Elevators and moving stairways, nsk .....	2002.. N	X	X	9 923
		1997.. N	X	X	7 800
3339211YVW	Elevators and moving stairways, nsk .....	2002.. N	X	X	9 923
		1997.. N	X	X	7 800
3339213	Parts and attachments for elevators and moving stairways (sold separately) .....	2002.. N	X	X	319 591
		1997.. N	X	X	317 689
33392131	Parts for automobile lifts (service station), passenger and freight elevators and escalators .....	2002.. N	X	X	319 591
		1997.. N	X	X	224 208
3339213101	Parts for automobile lifts (service station and garage type) .....	2002.. 12	X	X	36 319
		1997.. 7	X	X	46 125
3339213106	Parts for passenger and freight elevators and escalators .....	2002.. 55	X	X	283 272
		1997.. 42	X	X	178 083
3339213Y	Parts and attachments for elevators and moving stairways (sold separately), nsk .....	2002.. N	X	X	—
		1997.. N	X	X	93 481
3339213YVW	Parts and attachments for elevators and moving stairways (sold separately), nsk .....	2002.. N	X	X	—
		1997.. N	X	X	93 481
333921W	Elevator and moving stairway manufacturing, nsk, total .....	2002.. N	X	X	63 908
		1997.. N	X	X	62 085
333921WY	Elevator and moving stairway manufacturing, nsk, total .....	2002.. N	X	X	63 908
		1997.. N	X	X	62 085
333921WYVW	Elevator and moving stairway manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	34 081
		1997.. N	X	X	25 760
333921WYVY	Elevator and moving stairway manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	29 827
		1997.. N	X	X	36 325
333922	Conveyor and conveying equipment manufacturing .....	2002.. N	X	X	4 996 400
		1997.. N	X	X	5 695 960
3339221	Unit handling conveyors and conveying systems, except hoists and farm elevators .....	2002.. N	X	X	2 170 057
		1997.. N	X	X	2 983 679
33392211	Unit handling gravity and trolley conveyors and conveying systems, except hoists and farm elevators .....	2002.. N	X	X	238 147
		1997.. N	X	X	249 825
3339221101	Unit handling gravity conveyors and conveying systems (skate wheel and roller), except hoists and farm elevators .....	2002.. 41	X	X	166 713
		1997.. 48	X	X	121 964
3339221106	Light- to medium-duty unit handling trolley (overhead) conveyors and conveying systems, except hoists and farm elevators .....	2002.. 20	X	X	71 434
		1997.. 22	X	X	127 861
33392213	Heavy-duty unit handling trolley (overhead) conveyors and conveying systems, except hoists and farm elevators .....	2002.. N	X	X	254 632
		1997.. N	X	X	523 598
3339221311	Heavy-duty unit handling trolley (overhead) conveyors and conveying systems, except hoists and farm elevators .....	2002.. 18	X	X	254 632
		1997.. 19	X	X	523 598
33392214	Unit handling tow, belt, roller, pneumatic, portable, carousel, and other nonbelt conveyors and conveying systems .....	2002.. N	X	X	1 636 647
		1997.. N	X	X	1 977 668
3339221416	Unit handling tow conveyors and conveying systems (under floor systems), except hoists and farm elevators .....	2002.. 8	X	X	22 571
		1997.. 8	X	X	29 032
3339221421	Light- to-medium-duty unit handling powered conveyors and conveying systems, belt .....	2002.. 68	X	X	462 961
		1997.. 84	X	X	505 368
3339221426	Light- to-medium-duty unit handling powered conveyors and conveying systems, roller .....	2002.. 56	X	X	393 702
		1997.. 67	X	X	330 879
3339221431	Heavy-duty unit handling powered conveyors and conveying systems, belt .....	2002.. 45	X	X	172 710
		1997.. 46	X	X	148 769
3339221436	Heavy-duty unit handling powered conveyors and conveying systems, roller .....	2002.. 43	X	X	118 681
		1997.. 56	X	X	243 522
3339221441	Unit handling pneumatic tube conveyors and conveying systems, except hoists and farm elevators .....	2002.. 8	X	X	91 568

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333922	Conveyor and conveying equipment manufacturing—Con.				
3339221	Unit handling conveyors and conveying systems, except hoists and farm elevators—Con.				
33392214	Unit handling tow, belt, roller, pneumatic, portable, carousel, and other nonbelt conveyors and conveying systems—Con.				
3339221441	Unit handling pneumatic tube conveyors and conveying systems, except hoists and farm elevators—Con.	1997..	10	X	X 141 639
3339221446	Unit handling portable conveyors and conveying systems, except hoists and farm elevators .....	2002..	6	X	X 5 991
		1997..	11	X	X 19 401
3339221451	Unit handling carousel conveyors and conveying systems, except hoists and farm elevators .....	2002..	9	X	X 41 110
		1997..	17	X	X 56 057
3339221456	All other unit handling conveyors and conveying systems, belt .....	2002..	43	X	X 155 765
		1997..	42	X	X 245 036
3339221461	All other unit handling conveyors and conveying system, except belt .....	2002..	35	X	X 171 588
		1997..	45	X	X 257 965
3339221Y	Unit handling conveyors and conveying systems, except hoists and farm elevators, nsk .....	2002..	N	X	X 40 631
		1997..	N	X	X 232 588
3339221YVV	Unit handling conveyors and conveying systems, except hoists and farm elevators, nsk .....	2002..	N	X	X 40 631
		1997..	N	X	X 232 588
3339223	Parts, attachments, and accessories for unit handling conveyors and conveying systems (sold separately) .....	2002..	N	X	X 229 482
		1997..	N	X	X 246 370
33392231	Parts, attachments, and accessories for unit handling conveyors and conveying systems (sold separately) .....	2002..	N	X	X 229 482
		1997..	N	X	X 246 370
3339223100	Parts, attachments, and accessories for unit handling conveyors and conveying systems (sold separately) .....	2002..	90	X	X 229 482
		1997..	70	X	X 246 370
3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators .....	2002..	N	X	X 1 613 963
		1997..	N	X	X N
33392281	Bulk material handling belt conveyors and conveying systems, except hoists and farm elevators .....	2002..	N	X	X 576 784
		1997..	N	X	X N
3339228101	Bulk material handling belt conveyors and conveying systems, except hoists and farm elevators .....	2002..	157	X	X 576 784
		1997..	N	X	X N
33392282	Other bulk handling conveyors and conveying systems .....	2002..	N	X	X 856 944
		1997..	N	X	X N
3339228206	Bulk material handling screw conveyors and conveying systems, except hoists .....	2002..	39	X	X 69 697
		1997..	N	X	X N
3339228211	Bulk material handling bucket elevators and elevator systems, except hoists .....	2002..	27	X	X 39 851
		1997..	N	X	X N
3339228221	Bulk material handling portable conveyors and conveying systems (excluding farm), except hoists .....	2002..	11	X	X 8 657
		1997..	N	X	X N
3339228226	Bulk material handling en masse conveyors and conveying systems, except hoists .....	2002..	15	X	X 34 829
		1997..	N	X	X N
3339228231	Bulk material handling vibrating conveyors and conveying systems, except hoists .....	2002..	20	X	X 77 848
		1997..	N	X	X N
3339228236	Bulk handling conveyors and conveying systems specially designed for underground use .....	2002..	4	X	X D
		1997..	N	X	X N
3339228241	Other bulk handling conveyors and conveying systems .....	2002..	79	X	X 319 139
		1997..	N	X	X N
3339228253	Farm conveyors, elevators, and stackers, single and double chain type .....	2002..	19	X	X D
		1997..	N	X	X N
3339228255	Farm conveyors, elevators, and stackers, auger type .....	2002..	11	X	X 53 100
		1997..	N	X	X N
3339228257	Other farm elevators, conveyors, and stackers <sup>33</sup> .....	2002..	21	X	X 68 939
		1997..	N	X	X N
3339228276	Bulk material handling loading and storing traveling stackers .....	2002..	10	X	X 26 268
		1997..	N	X	X N
3339228281	Other bulk material handling loading and storing systems (including trippers, centrifugal throwers, etc.) .....	2002..	9	X	X 29 526
		1997..	N	X	X N
33392283	Bulk material handling pneumatic conveyors and conveying systems, except hoists .....	2002..	N	X	X 87 020
		1997..	N	X	X N
3339228316	Bulk material handling pneumatic conveyors and conveying systems, except hoists .....	2002..	22	X	X 87 020
		1997..	N	X	X N
33392284	Bulk material handling unloading and reclaiming systems .....	2002..	N	X	X 70 826
		1997..	N	X	X N
3339228466	Bulk material handling unloading and reclaiming vibrating feeders .....	2002..	18	X	X 37 634
		1997..	N	X	X N
3339228469	All other bulk material handling unloading and reclaiming systems (including bins, apron feeders, gates, etc.) .....	2002..	14	X	X 33 192
		1997..	N	X	X N
3339228Y	Bulk material handling conveyors and conveying systems, except hoists and farm elevators, nsk .....	2002..	N	X	X 22 389
		1997..	N	X	X N
3339228YVV	Bulk material handling conveyors and conveying systems, except hoists and farm elevators, nsk .....	2002..	N	X	X 22 389
		1997..	N	X	X N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333922	Conveyor and conveying equipment manufacturing—Con.				
3339229	Parts, attachments, and accessories for bulk material handling conveyors and conveying systems (sold separately) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	571 327 474 250
33392291	Parts, attachments, and accessories for bulk material handling conveyors and conveying systems (sold separately) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	162 007 99 194
3339229101	Belt conveyor idlers for bulk material handling conveyors and conveying systems (sold separately) . . . . .	2002 . . . . . 17 1997 . . . . . 15	X X	X X	94 525 44 608
3339229106	Belt conveyor pulleys for bulk material handling conveyors and conveying systems (sold separately) . . . . .	2002 . . . . . 15 1997 . . . . . 10	X X	X X	67 482 54 586
33392292	All other parts, attachments, and accessories for bulk material handling conveyors and conveying systems (sold separately) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	400 185 291 732
3339229211	All other parts, attachments, and accessories for bulk material handling conveyors and conveying systems (sold separately) . . . . .	2002 . . . . . 97 1997 . . . . . 110	X X	X X	400 185 291 732
3339229Y	Parts, attachments, and accessories for bulk material handling conveyors and conveying systems (sold separately) , nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	9 135 83 324
3339229YVW	Parts, attachments, and accessories for bulk material handling conveyors and conveying systems (sold separately), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	9 135 83 324
333922W	Conveyor and conveying equipment manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	411 571 488 501
333922WY	Conveyor and conveying equipment manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	411 571 488 501
333922WYWW	Conveyor and conveying equipment manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	266 941 371 966
333922WYWY	Conveyor and conveying equipment manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	144 630 116 535
333923	Overhead traveling crane, hoist, and monorail system manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 011 424 3 210 279
3339231	Hoists . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	455 161 552 502
33392311	Hoists, all types . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	333 496 374 307
3339231101	Chain hand hoists . . . . . thousands . . . . .	2002 . . . . . 10 1997 . . . . . 5	X X	S D	27 907 D
3339231106	Ratchet lever hand hoists . . . . . thousands . . . . .	2002 . . . . . 4 1997 . . . . . 4	X X	S S	17 569 16 162
3339231111	Wire rope puller hand hoists . . . . .	2002 . . . . . 4 1997 . . . . . 5	X X	X X	23 745 D
3339231116	Electric (roller and link) chain hoists . . . . .	2002 . . . . . 10 1997 . . . . . 22	X X	X X	D 86 726
3339231121	Other hoists, powered by electric motor . . . . .	2002 . . . . . 28 1997 . . . . . 18	X X	X X	87 375 60 991
3339231131	Electric wire rope hoists (excluding hand, mine shaft, and slope wire rope hoists) . . . . .	2002 . . . . . 14 1997 . . . . . 16	X X	X X	43 046 76 654
3339231141	Air or other nonelectric chain hoists, except hand . . . . .	2002 . . . . . 5 1997 . . . . . 8	X X	X X	18 886 27 012
3339231146	Air and other nonelectric wire rope hoists (excluding hand, mine shaft, and slope wire rope hoists) . . . . .	2002 . . . . . 2 1997 . . . . . 8	X X	X X	D 12 974
3339231151	Other hoists, not powered by electric motor . . . . .	2002 . . . . . 16 1997 . . . . . 18	X X	X X	40 095 35 716
33392312	Parts and attachments for hoists (sold separately) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	73 297 124 386
3339231261	Parts and attachments for hoists (sold separately) . . . . .	2002 . . . . . 31 1997 . . . . . 31	X X	X X	73 297 124 386
3339231Y	Hoists, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	48 368 53 809
3339231YVW	Hoists, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	48 368 53 809
3339233	Overhead traveling cranes and monorail systems . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	443 862 559 834
33392331	Overhead traveling cranes and monorail systems (including parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	282 090 318 780
3339233101	Single top running bridge type overhead traveling cranes (except construction power cranes) . . . . . thousands . . . . .	2002 . . . . . 21 1997 . . . . . 27	X X	S S	43 194 52 865
3339233111	Under running bridge type overhead traveling cranes (except construction power cranes) . . . . . thousands . . . . .	2002 . . . . . 19 1997 . . . . . 26	X X	S S	23 584 74 969
3339233116	Gantry type overhead traveling cranes (except construction power cranes) . . . . . thousands . . . . .	2002 . . . . . 10 1997 . . . . . 17	X X	S D	24 454 D
3339233121	Stacker-storage type overhead traveling cranes (except construction power cranes) . . . . . thousands . . . . .	2002 . . . . . 3 1997 . . . . . 6	X X	S S	3 873 6 668
3339233131	Other overhead traveling cranes on fixed support . . . . . thousands . . . . .	2002 . . . . . 10 1997 . . . . . 6	X X	S S	25 777 60 688
3339233136	Other overhead traveling cranes . . . . . thousands . . . . .	2002 . . . . . 11 1997 . . . . . 12	X X	S 1.1	86 015 53 070

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333923	Overhead traveling crane, hoist, and monorail system manufacturing—Con.				
3339233	Overhead traveling cranes and monorail systems—Con.				
33392331	Overhead traveling cranes and monorail systems (including parts)—Con.				
3339233141	Buckets, grabs, and grips . . . . . thousands . . . . . 2002 . . . . .	11	X	S	25 646
	1997 . . . . .	3	X	D	D
3339233156	Monorail systems (manual and powered) . . . . . thousands . . . . . 2002 . . . . .	15	X	S	49 547
	1997 . . . . .	13	X	S	33 364
33392332	Double top running bridge type overhead traveling cranes (except construction power cranes) . . . . . 2002 . . . . .	N	X	X	61 862
	1997 . . . . .	N	X	X	103 397
3339233206	Double top running bridge type overhead traveling cranes (except construction power cranes) . . . . . thousands . . . . . 2002 . . . . .	20	X	S	61 862
	1997 . . . . .	31	X	S	103 397
33392333	Parts and attachments for overhead traveling cranes and monorail systems . . . . . 2002 . . . . .	N	X	X	68 763
	1997 . . . . .	N	X	X	103 742
3339233346	Other parts and attachments for overhead traveling cranes . . . . . 2002 . . . . .	17	X	X	50 139
	1997 . . . . .	29	X	X	81 786
3339233361	Parts and attachments for monorail systems (sold separately) . . . . . 2002 . . . . .	9	X	X	18 624
	1997 . . . . .	6	X	X	21 956
3339233Y	Overhead traveling cranes and monorail systems, nsk . . . . . 2002 . . . . .	N	X	X	31 147
	1997 . . . . .	N	X	X	33 915
3339233YV	Overhead traveling cranes and monorail systems, nsk . . . . . 2002 . . . . .	N	X	X	31 147
	1997 . . . . .	N	X	X	33 915
3339237	Winches, aerial work platforms, and automotive wrecker hoists . . . . . 2002 . . . . .	N	X	X	2 047 903
	1997 . . . . .	N	X	X	1 949 579
33392371	Personnel aerial work platforms (excluding parts) . . . . . 2002 . . . . .	N	X	X	1 562 144
	1997 . . . . .	N	X	X	1 608 482
3339237110	Personnel aerial work platforms (excluding parts) <sup>34</sup> . . . . . 2002 . . . . .	43	X	X	1 562 144
	1997 . . . . .	36	X	X	1 608 482
33392372	Winches for mounting on wheel and crawler tractors and other prime movers, complete units . . . . . 2002 . . . . .	N	X	X	84 007
	1997 . . . . .	N	X	X	88 113
3339237230	Winches for mounting on wheel and crawler tractors and other prime movers, complete units <sup>34</sup> . . . . . 2002 . . . . .	11	X	X	84 007
	1997 . . . . .	9	X	X	88 113
33392373	Electric and other winches, including marine use and automobile hoists used on tow trucks . . . . . 2002 . . . . .	N	X	X	180 389
	1997 . . . . .	N	X	X	140 556
3339237353	Electric winches, including marine use (excluding winches for tractor mounting and parts) . . . . . 2002 . . . . .	26	X	X	71 175
	1997 . . . . .	19	X	X	80 506
3339237358	Other winches, including automobile hoists used on tow trucks (excluding winches for mounting on wheel or crawler tractors) . . . . . 2002 . . . . .	13	X	X	109 214
	1997 . . . . .	N	X	X	N
33392374	Parts for winches, aerial work platforms, and automobile hoists (sold separately) . . . . . 2002 . . . . .	N	X	X	98 531
	1997 . . . . .	N	X	X	112 428
3339237493	Parts for winches for mounting on tractors and other prime movers (sold separately) . . . . . 2002 . . . . .	9	X	X	15 714
	1997 . . . . .	11	X	X	40 306
3339237495	Parts for winches for aerial work platforms and automobile hoists (sold separately) . . . . . 2002 . . . . .	22	X	X	82 817
	1997 . . . . .	20	X	X	72 122
3339237Y	Winches, aerial work platforms, and automotive wrecker hoists, nsk . . . . . 2002 . . . . .	N	X	X	122 832
	1997 . . . . .	N	X	X	—
3339237YV	Winches, aerial work platforms, and automotive wrecker hoists, nsk . . . . . 2002 . . . . .	N	X	X	122 832
	1997 . . . . .	N	X	X	—
333923W	Overhead traveling crane, hoist, and monorail system manufacturing, nsk, total . . . . . 2002 . . . . .	N	X	X	64 498
	1997 . . . . .	N	X	X	148 364
333923WY	Overhead traveling crane, hoist, and monorail system manufacturing, nsk, total . . . . . 2002 . . . . .	N	X	X	64 498
	1997 . . . . .	N	X	X	148 364
333923WYV	Overhead traveling crane, hoist, and monorail system manufacturing, nsk, for nonadministrative-record establishments . . . . . 2002 . . . . .	N	X	X	6 891
	1997 . . . . .	N	X	X	79 281
333923WYW	Overhead traveling crane, hoist, and monorail system manufacturing, nsk, for administrative-record establishments . . . . . 2002 . . . . .	N	X	X	57 607
	1997 . . . . .	N	X	X	69 083
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing . . . . . 2002 . . . . .	N	X	X	5 105 899
	1997 . . . . .	N	X	X	5 284 833
3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines . . . . . 2002 . . . . .	N	X	X	3 965 772
	1997 . . . . .	N	X	X	N
33392421	Work trucks, operator riding, self-propelled, electric motor powered . . . . . 2002 . . . . .	N	X	X	1 550 922
	1997 . . . . .	N	X	X	N
3339242101	Fork lift work trucks, operating riding, self-propelled, electric motor powered . . . . . 2002 . . . . .	25	X	X	1 365 247
	1997 . . . . .	N	X	X	N
3339242104	Other work trucks fitted with lifting or handling equipment, operating riding, self-propelled, electric motor powered . . . . . 2002 . . . . .	13	X	X	185 675
	1997 . . . . .	N	X	X	N
33392422	Fork lift riding and nonriding work trucks, self-propelled, electric, gasoline, and other nonelectric motor powered . . . . . 2002 . . . . .	N	X	X	717 786
	1997 . . . . .	N	X	X	N

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing—Con.				
3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines—Con.				
33392422	Fork lift riding and nonriding work trucks, self-propelled, electric, gasoline, and other nonelectric motor powered—Con.				
3339242208	Nonriding fork lift and other work trucks fitted with lifting and handling equipment, self-propelled, electric motor powered . . . . .	2002 . . . . . 14 1997 . . . . . N	X X	X X	256 210 N
3339242212	Fork lift work trucks, operator riding, self-propelled, gasoline motor powered . . . . .	thousands . . . . . 2002 . . . . . 10 1997 . . . . . N	X X	S N	438 657 N
3339242216	Fork lift and other work trucks, operator riding, self-propelled, internal combustion engine and other nonelectric powered . . . . .	thousands . . . . . 2002 . . . . . 7 1997 . . . . . N	X X	S N	22 919 N
33392423	Fork lift work trucks, operator riding, self-propelled, diesel motor powered . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D N
3339242321	Fork lift work trucks, operator riding, self-propelled, diesel motor powered . . . . .	thousands . . . . . 2002 . . . . . 15 1997 . . . . . N	X X	D N	D N
33392424	Nonriding fork lift and other work trucks fitted with lifting and handling equipment, self-propelled, internal combustion engine and other nonelectric powered . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	D N
3339242424	Nonriding fork lift and other work trucks fitted with lifting and handling equipment, self-propelled, internal combustion engine and other nonelectric powered . . . . .	thousands . . . . . 2002 . . . . . 2 1997 . . . . . N	X X	D N	D N
33392425	Work trucks, fork lifts, and tractors fitted or not fitted with lifting and handling equipment, self-propelled, electric, gasoline, and other power system . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	675 812 N
3339242528	Fork lift work trucks, operator riding, self-propelled, LPG (liquid petroleum gas) motor powered . . . . .	thousands . . . . . 2002 . . . . . 9 1997 . . . . . N	X X	16.5 N	413 755 N
3339242532	Fork lift work trucks, operator riding, self-propelled, other internal combustion engine and other nonelectric powered, including CNG (compressed natural gas) . . . . .	thousands . . . . . 2002 . . . . . 2 1997 . . . . . N	X X	D N	D N
3339242536	Not self-propelled fork lift and other work trucks fitted with lifting and handling equipment (hand lift, etc.) . . . . .	thousands . . . . . 2002 . . . . . 9 1997 . . . . . N	X X	S N	21 448 N
3339242541	Work trucks and tractors not fitted with lifting or handling equipment, operator riding, self-propelled, electric motor powered . . . . .	thousands . . . . . 2002 . . . . . 6 1997 . . . . . N	X X	S N	47 339 N
3339242544	Other work trucks and tractors not fitted with lifting or handling equipment, self-propelled, electric motor powered . . . . .	thousands . . . . . 2002 . . . . . 1 1997 . . . . . N	X X	D N	D N
3339242548	Work trucks and tractors not fitted with lifting and handling equipment, operator riding, self-propelled, internal combustion engine and other nonelectric powered . . . . .	thousands . . . . . 2002 . . . . . 9 1997 . . . . . N	X X	S N	108 683 N
3339242552	Other work trucks and tractors not fitted with lifting or handling equipment, self-propelled, internal combustion engine or other nonelectric powered . . . . .	thousands . . . . . 2002 . . . . . 4 1997 . . . . . N	X X	D N	D N
3339242556	Work trucks and tractors not fitted with lifting and handling equipment, not self-propelled . . . . .	2002 . . . . . 7 1997 . . . . . N	X X	X X	19 791 N
33392426	Bulk powered material moving equipment, dock boards and metal pallets and skids . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	720 215 N
3339242661	Mobile straddle carriers and cranes . . . . .	thousands . . . . . 2002 . . . . . 11 1997 . . . . . N	X X	S N	35 161 N
3339242664	Portable elevators-stackers (except farm type) . . . . .	thousands . . . . . 2002 . . . . . 4 1997 . . . . . N	X X	S N	3 280 N
3339242668	Palletizers and depalletizers (pallet loaders and unloaders), including industrial truck and related equipment used on smooth surfaces around depots, terminals, warehouses, etc. . . . .	2002 . . . . . 28 1997 . . . . . N	X X	X X	101 396 N
3339242672	Scissors type hydraulic lift tables (electrohydraulic lift platforms) . . . . .	thousands . . . . . 2002 . . . . . 16 1997 . . . . . N	X X	S N	143 839 N
3339242676	Other hydraulic lift tables (electrohydraulic lift platforms) . . . . .	thousands . . . . . 2002 . . . . . 31 1997 . . . . . N	X X	S N	52 124 N
3339242681	Dock boards (industrial loading ramps, hinged loading ramps) . . . . .	thousands . . . . . 2002 . . . . . 27 1997 . . . . . N	X X	S N	139 181 N
3339242684	Automatic stacking machines . . . . .	thousands . . . . . 2002 . . . . . 9 1997 . . . . . N	X X	S N	13 794 N
3339242688	Trailers and semitrailers for use with works tractors . . . . .	thousands . . . . . 2002 . . . . . 19 1997 . . . . . N	X X	S N	61 612 N
3339242692	Other hand carts and vehicles . . . . .	thousands . . . . . 2002 . . . . . 40 1997 . . . . . N	X X	S N	131 701 N
3339242696	Other related articles . . . . .	thousands . . . . . 2002 . . . . . 20 1997 . . . . . N	X X	S N	38 127 N
3339242Y	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	12 672 N
3339242YVV	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	12 672 N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing—Con.				
3339243	Parts and attachments for industrial trucks and tractors (sold separately) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 001 330 989 542
33392431	Parts and attachments for industrial trucks and tractors (sold separately) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	994 277 919 484
3339243101	Parts and attachments for industrial work trucks fitted with lifting and handling equipment . . . . .	2002 . . . . . 68 1997 . . . . . 65	X X	X X	617 571 680 981
3339243106	Parts and attachments for other industrial stacker vehicles . . . . .	2002 . . . . . 41 1997 . . . . . 34	X X	X X	290 807 125 840
3339243111	Parts and attachments for stacker machinery, except vehicles . . . . .	2002 . . . . . 23 1997 . . . . . 33	X X	X X	85 899 112 663
3339243Y	Parts and attachments for industrial trucks and tractors (sold separately), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	7 053 70 058
3339243YVV	Parts and attachments for industrial trucks and tractors (sold separately), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	7 053 70 058
333924W	Industrial truck, tractor, trailer, and stacker machinery manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	138 797 317 452
333924WY	Industrial truck, tractor, trailer, and stacker machinery manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	138 797 317 452
333924WYWW	Industrial truck, tractor, trailer, and stacker machinery manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	90 432 246 977
333924WYWY	Industrial truck, tractor, trailer, and stacker machinery manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	48 365 70 475
333991	Power-driven handtool manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 445 842 3 403 639
3339911	Power-driven handtools, pneumatic, hydraulic, and power-actuated . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 085 869 953 256
33399111	Power-driven handtools, pneumatic, hydraulic, and power-actuated . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 073 082 948 466
3339911101	Pneumatic percussion handtools (including runners, riveters, chippers, and scalers) . . . . .	2002 . . . . . 32 1997 . . . . . 11	X X	X X	71 005 30 648
3339911106	Pneumatic drills, screwdrivers, and nut-runners . . . . .	2002 . . . . . 12 1997 . . . . . 11	X X	X X	77 586 125 756
3339911111	Pneumatic hand impact wrenches . . . . .	2002 . . . . . 10 1997 . . . . . 7	X X	X X	D 49 945
3339911116	Pneumatic rotary hand grinders, polishers, and sanders . . . . .	2002 . . . . . 15 1997 . . . . . 8	X X	X X	42 961 59 343
3339911121	Other pneumatic hand grinders, polishers, and sanders . . . . .	2002 . . . . . 6 1997 . . . . . 1	X X	X X	19 561 D
3339911126	Pneumatic hand staplers . . . . .	2002 . . . . . 4 1997 . . . . . 6	X X	X X	50 984 D
3339911131	Pneumatic hand nailers . . . . .	2002 . . . . . 9 1997 . . . . . 5	X X	X X	265 949 151 836
3339911136	Other pneumatic-powered handtools . . . . .	2002 . . . . . 27 1997 . . . . . 18	X X	X X	114 486 179 171
3339911141	Parts, attachments, and accessories for pneumatic-powered handtools (sold separately) . . . . .	2002 . . . . . 26 1997 . . . . . 20	X X	X X	167 357 161 927
3339911146	Power-actuated handtools and parts . . . . .	2002 . . . . . 3 1997 . . . . . 2	X X	X X	D D
3339911151	Hydraulic power-driven handtools . . . . .	2002 . . . . . 12 1997 . . . . . 13	X X	X X	77 901 57 566
3339911156	Parts, attachments, and accessories for hydraulic handtools . . . . .	2002 . . . . . 7 1997 . . . . . 7	X X	X X	D 22 045
3339911Y	Power-driven handtools, pneumatic, hydraulic, and power-actuated, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	12 787 4 790
3339911YVV	Power-driven handtools, pneumatic, hydraulic, and power-actuated, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	12 787 4 790
3339913	Power-driven handtools, internal combustion engine driven (including parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	241 686 230 306
33399131	Power-driven handtools, internal combustion engine driven (including parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	241 686 230 306
3339913101	Internal combustion engine driven chain saws . . . . .	2002 . . . . . 2 1997 . . . . . 3	X X	X X	D 207 389
3339913106	Other internal combustion engine-driven handtools, including cut-off saws and drills . . . . .	2002 . . . . . 5 1997 . . . . . 3	X X	X X	D D
3339913111	Parts, attachments, and accessories for internal combustion engine-driven chain saws . . . . .	2002 . . . . . 3 1997 . . . . . 2	X X	X X	D D
3339913116	Parts, attachments, and accessories for all other internal combustion engine-driven tools . . . . .	2002 . . . . . 2 1997 . . . . . -	X X	X X	D -
3339913Y	Power-driven handtools, internal combustion engine driven (including parts), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	- -

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333991	Power-driven handtool manufacturing—Con.				
3339913	Power-driven handtools, internal combustion engine driven (including parts)—Con.				
3339913Y	Power-driven handtools, internal combustion engine driven (including parts), nsk—Con.				
3339913YVV	Power-driven handtools, internal combustion engine driven (including parts), nsk	2002.. N 1997.. N	X X	X X	— —
3339917	Power-driven handtools, battery-powered (cordless), including parts	2002.. N 1997.. N	X X	X X	589 603 493 947
33399171	Power-driven handtools, battery-powered (cordless), including parts	2002.. N 1997.. N	X X	X X	589 603 489 424
3339917101	Battery-powered (cordless) screwdrivers (without 3-jaw chuck)	2002.. — 1997.. 2	X X	X X	D D
3339917106	Battery-powered (cordless) driver-drills	2002.. 4 1997.. 5	X X	X X	352 552 D
3339917111	Battery-powered (cordless) drills	2002.. 1 1997.. 3	X X	X X	D D
3339917116	Battery-powered, cordless handsaws	2002.. 3 1997.. 3	X X	X X	D D
3339917121	Other battery-powered (cordless) handtools	2002.. 12 1997.. 4	X X	X X	204 048 D
3339917126	Parts, attachments, and accessories for battery-powered (cordless) handtools (sold separately)	2002.. 5 1997.. 6	X X	X X	10 382 14 119
3339917Y	Power-driven handtools, battery-powered (cordless), including parts, nsk	2002.. N 1997.. N	X X	X X	— 4 523
3339917YVV	Power-driven handtools, battery-powered (cordless), including parts, nsk	2002.. N 1997.. N	X X	X X	— 4 523
3339919	Power-driven handtools, electric (except battery-powered), including parts	2002.. N 1997.. N	X X	X X	1 379 805 1 597 763
33399191	Power-driven handtools, electric (except battery-powered), including parts	2002.. N 1997.. N	X X	X X	1 379 805 1 561 122
3339919101	Drills (except battery powered)	2002.. 9 1997.. 10	X X	X X	122 499 304 152
3339919104	Electric hand jig and saber saws, armature mounted on ball bearings (except battery-powered)	2002.. 5 1997.. 4	X X	X X	39 046 43 979
3339919108	Electric hand circular saws, armature mounted primarily on sleeve bearings (except battery-powered)	2002.. 1 1997.. 2	X X	X X	D D
3339919112	Electric hand jig and saber saws, armature mounted on other than ball bearings (except battery powered)	2002.. 2 1997.. 2	X X	X X	D D
3339919116	Electric hand reciprocating saws (except battery-powered)	2002.. 3 1997.. 9	X X	X X	D 128 801
3339919121	Electric hand circular saws, except armature mounted primarily on sleeve bearings, 7 in. (177.80 mm) blade or less (except battery-powered)	2002.. 4 1997.. 4	X X	X X	3 751 D
3339919124	Electric hand circular saws, except armature mounted primarily on sleeve bearings, more than 7 in. (177.80 mm) to less than 8 in. (203.20 mm) blade (except battery-powered)	2002.. 4 1997.. 4	X X	X X	107 780 98 166
3339919128	Electric hand circular saws, except armature mounted primarily on sleeve bearings, 8 in. (203.20 mm) blade or more (except battery-powered)	2002.. 5 1997.. 4	X X	X X	29 604 D
3339919132	Electric hammers, percussion and rotary, without drill chuck (except battery-powered)	2002.. 4 1997.. 3	X X	X X	2 490 D
3339919136	Electric screwdrivers and nut-runners (except battery-powered)	2002.. 5 1997.. 8	X X	X X	34 363 58 938
3339919141	Electric hammers-drills, with drill chuck (except battery-powered)	2002.. 2 1997.. 5	X X	X X	D 61 577
3339919144	Electric hand right angle polishers, circular sanders, and grinders, less than 7 in. wheel drive (except battery-powered)	2002.. 5 1997.. 5	X X	X X	65 311 56 386
3339919148	Electric hand impact wrenches (except battery-powered)	2002.. 4 1997.. 4	X X	X X	22 956 9 868
3339919152	Electric hand right angle polishers, circular sanders, and grinders, 7 in. wheel drive or more (except battery-powered)	2002.. 3 1997.. 5	X X	X X	D 20 907
3339919156	Electric hand shears and nibblers (except battery-powered)	2002.. 4 1997.. 6	X X	X X	11 367 9 861
3339919161	All other electric hand polishers, circular sanders, and grinders, including die grinders (excluding bench) (except battery-powered)	2002.. 5 1997.. 5	X X	X X	5 856 D
3339919164	Electric hand planers (except battery-powered)	2002.. 3 1997.. 3	X X	X X	12 329 10 707
3339919168	Electric hand belt sanders (except battery-powered)	2002.. 4 1997.. 5	X X	X X	33 548 41 652
3339919172	Parts, attachments, and accessories for electric-powered handtools (except battery powered) (sold separately)	2002.. 20 1997.. 22	X X	X X	124 260 122 277

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333991	Power-driven handtool manufacturing—Con.				
3339919	Power-driven handtools, electric (except battery-powered), including parts—Con.				
33399191	Power-driven handtools, electric (except battery-powered), including parts—Con.				
3339919176	Electric hand chain saws (except battery-powered) . . . . .	2002.. 1 1997.. 4	X X	X X	D 25 262
3339919181	Electric hand oscillating, reciprocating, vibrating, and random orbit sanders (except battery powered) . . . . .	2002.. 3 1997.. 5	X X	X X	D 73 749
3339919184	Other electric-powered handtools (except battery-powered) . . . . .	2002.. 22 1997.. 22	X X	X X	359 167 146 897
3339919188	Electric hand routers, less than 1/2 in. collet size (maximum collet capacity) (except battery-powered) . . . . .	2002.. 4 1997.. 4	X X	X X	74 469 63 278
3339919192	Electric hand routers, 1/2 in. collet size (maximum collet capacity) or more (except battery-powered) . . . . .	2002.. 5 1997.. 3	X X	X X	63 132 11 172
3339919Y	Power-driven handtools, electric (except battery-powered), including parts, nsk . . . . .	2002.. N 1997.. N	X X	X X	— 36 641
3339919YVW	Power-driven handtools, electric (except battery-powered), including parts, nsk . . . . .	2002.. N 1997.. N	X X	X X	— 36 641
333991W	Power-driven handtool manufacturing, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	148 879 128 367
333991WY	Power-driven handtool manufacturing, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	148 879 128 367
333991WYWW	Power-driven handtool manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	138 044 48 348
333991WYWY	Power-driven handtool manufacturing, nsk, for administrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	10 835 80 019
333992	Welding and soldering equipment manufacturing . . . . .	2002.. N 1997.. N	X X	X X	3 535 187 4 127 329
3339921	Arc welding machines, components, and accessories (except electrodes), except stud welding equipment . . . . .	2002.. N 1997.. N	X X	X X	1 218 553 1 418 821
33399211	Arc welding apparatus and related equipment . . . . .	2002.. N 1997.. N	X X	X X	1 211 777 1 273 655
3339921101	Direct current arc welding generators, except stud welding equipment . . . . . thousands . . . . .	2002.. 6 1997.. 3	X S	S S	107 202 153 674
3339921106	Rectifier-type direct current arc welders (except stud welders), fully or partly automatic . . . . . thousands . . . . .	2002.. 8 1997.. 7	X X	S 88.0	323 867 265 603
3339921111	Rectifier-type direct current arc welders (except stud welders), not fully or partly automatic . . . . . thousands . . . . .	2002.. 3 1997.. 4	X X	D D	D D
3339921126	Automatic and semiautomatic wire drive apparatus and related accessories for arc welding machines (except electrodes and stud welding equipment) . . . . .	2002.. 13 1997.. 6	X X	X X	158 645 118 410
3339921131	Special-purpose automatic arc welding apparatus (except electrodes and stud welding equipment) . . . . .	2002.. 24 1997.. 10	X X	X X	84 903 45 342
3339921136	Automatic and semiautomatic welding torches, guns and cables, and related accessories for arc welding machines (except electrodes and stud welding equipment) . . . . .	2002.. 19 1997.. 11	X X	X X	104 363 124 030
3339921141	Circuit welding accessories (including electrode holders, ground clamps, cable connectors, cables sold separately, etc.) (except electrodes and stud welding equipment) . . . . .	2002.. 8 1997.. 5	X X	X X	47 430 D
3339921146	Positioning and manipulating arc welding equipment (including turn rolls, head and tail stock, weld head manipulators, seamers, etc.) (except electrodes and stud welding equipment) . . . . .	2002.. 13 1997.. 10	X X	X X	49 007 111 576
3339921151	Alternating current transformer arc welding machines (except stud welding equipment) . . . . . thousands . . . . .	2002.. 3 1997.. 8	X X	D S	D 83 307
3339921156	Complete direct current arc welding units (except stud welding equipment) . . . . . thousands . . . . .	2002.. 12 1997.. 6	X X	S D	226 225 D
3339921161	All other components and accessories for arc welding machinery (except welding rods, electrodes, and stud welding equipment) . . . . .	2002.. 19 1997.. 17	X X	X X	72 279 109 876
3339921Y	Arc welding machines, components, and accessories (except electrodes), except stud welding equipment, nsk . . . . .	2002.. N 1997.. N	X X	X X	6 776 145 166
3339921YVW	Arc welding machines, components, and accessories (except electrodes), except stud welding equipment, nsk . . . . .	2002.. N 1997.. N	X X	X X	6 776 145 166
3339923	Arc welding electrodes, metal . . . . .	2002.. N 1997.. N	X X	X X	682 211 1 204 369
33399231	Electrodes for welding . . . . .	2002.. N 1997.. N	X X	X X	673 317 1 188 515
3339923101	Mild steel arc welding stick electrodes (including solid, cored, covered, and bare electrodes), except hard facing . . . . . mil lb. . . . .	2002.. 8 1997.. 6	X X	D D	D D
3339923106	Low alloy steel arc welding stick electrodes (including solid, cored, covered, and bare electrodes), except hard facing . . . . . mil lb. . . . .	2002.. 6 1997.. 5	X X	D S	D 90 538

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333992	Welding and soldering equipment manufacturing—Con.				
3339923	Arc welding electrodes, metal—Con.				
33399231	Electrodes for welding—Con.				
3339923111	Stainless steel (chromium, 4 percent or more) low alloy steel arc welding stick electrodes (including solid, cored, covered, and bare electrodes), except hard facing . . . . . mil lb. .2002 . . . . .	4	X	D	D
	1997 . . . . .	5	X	10.3	48 474
3339923116	Nonferrous metal arc welding stick electrodes (including solid, cored, covered, and bare electrodes), except hard facing . . . . . mil lb. .2002 . . . . .	4	X	S	11 538
	1997 . . . . .	6	X	S	29 268
3339923121	Hard facing metal arc welding stick electrodes (including solid, cored, covered, and bare electrodes) . . . . . mil lb. .2002 . . . . .	10	X	S	16 422
	1997 . . . . .	7	X	4.9	29 405
3339923126	Mild steel coiled and spooled continuous solid wire electrodes for automatic arc and inert gas welding, except hard facing . . . . . mil lb. .2002 . . . . .	6	X	D	D
	1997 . . . . .	4	X	S	101 123
3339923131	Low alloy steel coiled and spooled continuous solid wire electrodes for automatic arc and inert gas welding, except hard facing . . . . . mil lb. .2002 . . . . .	5	X	D	D
	1997 . . . . .	2	X	D	D
3339923136	Stainless steel (chromium, 4 percent or more) coiled and spooled continuous solid wire electrodes for automatic arc and inert gas welding, except hard facing . . . . . mil lb. .2002 . . . . .	9	X	S	20 443
	1997 . . . . .	5	X	S	68 438
3339923141	Nonferrous metal coiled and spooled continuous solid wire electrodes for automatic arc and inert gas welding, except hard facing . . . . . mil lb. .2002 . . . . .	7	X	S	34 109
	1997 . . . . .	4	X	8.2	31 164
3339923146	Hard facing coiled and spooled continuous metal wire electrodes for automatic arc and inert gas welding . . . . . mil lb. .2002 . . . . .	5	X	19.3	31 992
	1997 . . . . .	3	X	9.6	37 478
3339923151	Coiled and spooled continuous cored metal wire electrodes for automatic arc and inert gas welding, except hard facing . . . . . mil lb. .2002 . . . . .	10	X	S	47 600
	1997 . . . . .	7	X	D	D
3339923Y	Arc welding electrodes, metal, nsk . . . . . .2002 . . . . .	N	X	X	8 894
	1997 . . . . .	N	X	X	15 854
3339923YV	Arc welding electrodes, metal, nsk . . . . . .2002 . . . . .	N	X	X	8 894
	1997 . . . . .	N	X	X	15 854
3339927	Resistance welders, components, accessories, and electrodes . . . . . .2002 . . . . .	N	X	X	820 817
	1997 . . . . .	N	X	X	428 290
33399271	Resistance welders, components, accessories, and electrodes . . . . . .2002 . . . . .	N	X	X	820 111
	1997 . . . . .	N	X	X	399 467
3339927101	Spot and projection resistance welders, single electrode . . . . . thousands. .2002 . . . . .	11	X	S	96 806
	1997 . . . . .	19	X	S	85 237
3339927106	Spot and projection resistance welders, multielectrode . . . . . thousands. .2002 . . . . .	15	X	D	D
	1997 . . . . .	20	X	S	165 050
3339927111	Seam resistance welders . . . . . thousands. .2002 . . . . .	4	X	S	9 154
	1997 . . . . .	6	X	S	12 357
3339927116	Other resistance welders, including flash, upset, and butt welders . . . . . .2002 . . . . .	9	X	X	D
	1997 . . . . .	13	X	X	30 329
3339927121	Resistance welder transformers (sold separately) . . . . . thousands. .2002 . . . . .	5	X	S	15 508
	1997 . . . . .	9	X	S	13 248
3339927126	Resistance welder electrodes . . . . . mil lb. .2002 . . . . .	12	X	S	88 670
	1997 . . . . .	10	X	S	18 081
3339927131	Resistance welder components and accessories, including electrode holders, etc. . . . . .2002 . . . . .	22	X	X	68 099
	1997 . . . . .	19	X	X	75 165
3339927Y	Resistance welders, components, accessories, and electrodes, nsk . . . . . .2002 . . . . .	N	X	X	706
	1997 . . . . .	N	X	X	28 823
3339927YV	Resistance welders, components, accessories, and electrodes, nsk . . . . . .2002 . . . . .	N	X	X	706
	1997 . . . . .	N	X	X	28 823
3339929	Gas welding and cutting equipment, parts, attachments, and accessories . . . . . .2002 . . . . .	N	X	X	311 733
	1997 . . . . .	N	X	X	330 193
33399291	Gas welding and cutting equipment, parts, attachments, and accessories . . . . . .2002 . . . . .	N	X	X	311 612
	1997 . . . . .	N	X	X	315 531
3339929101	Gas welding and cutting torches (including gas air torches) . . . . . thousands. .2002 . . . . .	11	X	S	84 053
	1997 . . . . .	13	X	S	41 479
3339929106	Gas cutting machines and carriages, stationary and portable . . . . . thousands. .2002 . . . . .	5	X	D	D
	1997 . . . . .	7	X	S	43 384
3339929111	Other gas welding and cutting equipment, excluding pressure containers . . . . . .2002 . . . . .	5	X	X	D
	1997 . . . . .	11	X	X	71 155
3339929116	Tips for gas welding and cutting equipment (sold separately) . . . . . .2002 . . . . .	13	X	X	46 861
	1997 . . . . .	12	X	X	48 943
3339929121	Pressure regulators for gas welding and cutting equipment (sold separately) . . . . . thousands. .2002 . . . . .	8	X	S	43 923
	1997 . . . . .	9	X	S	48 328
3339929126	All other spare parts, accessories, attachments, adaptors, etc., for gas welding and cutting equipment (sold separately) . . . . . .2002 . . . . .	14	X	X	75 468
	1997 . . . . .	15	X	X	62 242
3339929Y	Gas welding and cutting equipment, parts, attachments, and accessories, nsk . . . . . .2002 . . . . .	N	X	X	121
	1997 . . . . .	N	X	X	14 662
3339929YV	Gas welding and cutting equipment, parts, attachments, and accessories, nsk . . . . . .2002 . . . . .	N	X	X	121
	1997 . . . . .	N	X	X	14 662

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333992	Welding and soldering equipment manufacturing—Con.				
333992A	Other welding equipment, components, and accessories (except arc, resistance, and gas welding equipment) .....	2002.. N	X	X	499 588
		1997.. N	X	X	512 679
333992A1	Other welding equipment, components, and accessories (except arc, resistance, and gas welding equipment) .....	2002.. N	X	X	492 407
		1997.. N	X	X	466 876
333992A101	Stud welding equipment (except arc, resistance, and gas welding equipment) .....	number..2002.. 8	X	S	41 238
		1997.. 6	X	S	54 053
333992A116	Industrial welding laser systems and equipment .....	number..2002.. 8	X	S	33 473
		1997.. 10	X	S	15 899
333992A121	Plasma welding and cutting equipment, fully or partly automatic .....	number..2002.. 12	X	S	190 550
		1997.. 12	X	S	157 585
333992A126	Plasma welding and cutting equipment, except fully or partly automatic .....	number..2002.. 7	X	S	51 684
		1997.. 4	X	S	81 869
333992A132	All other miscellaneous welding equipment (including friction) .....	number..2002.. 18	X	S	89 395
		1997.. N	X	N	N
333992A141	Soldering equipment (except hand and ultrasonic) .....	thousands..2002.. 10	X	S	10 525
		1997.. 4	X	D	D
333992A146	Components and accessories for all other welding equipment (except arc, resistance, and gas welding equipment) .....	2002.. 15	X	X	75 542
		1997.. 20	X	X	65 941
333992AY	Other welding equipment, components, and accessories (except arc, resistance, and gas welding equipment), nsk .....	2002.. N	X	X	7 181
		1997.. N	X	X	45 803
333992AYWV	Other welding equipment, components, and accessories (except arc, resistance, and gas welding equipment), nsk .....	2002.. N	X	X	7 181
		1997.. N	X	X	45 803
333992W	Welding and soldering equipment manufacturing, nsk, total .....	2002.. N	X	X	2 285
		1997.. N	X	X	232 977
333992WY	Welding and soldering equipment manufacturing, nsk, total .....	2002.. N	X	X	2 285
		1997.. N	X	X	232 977
333992WYWV	Welding and soldering equipment manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	S
		1997.. N	X	X	169 519
333992WYWY	Welding and soldering equipment manufacturing, nsk, administrative-record establishments .....	2002.. N	X	X	9 475
		1997.. N	X	X	63 458
333993	Packaging machinery manufacturing .....	2002.. N	X	X	3 764 299
		1997.. N	X	X	4 339 309
3339931	Packing, packaging, and bottling machinery (except parts) .....	2002.. N	X	X	3 004 546
		1997.. N	X	X	3 515 923
33399311	Cartoning, multipacking, and leaflet-coupon placing machinery (except parts) .....	2002.. N	X	X	262 579
		1997.. N	X	X	330 918
3339931103	Cartoning, multipacking, and leaflet-coupon placing machinery (except parts) .....	2002.. 41	X	X	262 579
		1997.. 40	X	X	330 918
33399312	Thermoforming, blister, and skin machinery, including carded display machinery (except parts) .....	2002.. N	X	X	22 092
		1997.. N	X	X	D
3339931207	Thermoforming, blister, and skin machinery, including carded display machinery (except parts) .....	2002.. 10	X	X	22 092
		1997.. 3	X	X	D
33399313	Bagging machines (including pre-form opening, filling, and closing, modified atmosphere laminating, and form-fill-seal machines) (except parts) .....	2002.. N	X	X	255 765
		1997.. N	X	X	325 427
3339931311	Bag (pre-form) opening, filling, and closing machinery and systems (except parts) .....	2002.. 29	X	X	114 053
		1997.. 29	X	X	108 876
3339931315	Vacuum, gas, and other modified atmosphere laminating and bagging machines (except parts) .....	2002.. 11	X	X	30 052
		1997.. 8	X	X	17 335
3339931319	Horizontal bag and pouch form, fill, and seal machinery (performs all three functions) .....	2002.. 20	X	X	50 736
		1997.. 24	X	X	106 400
3339931321	Vertical bag and pouch form, fill, and seal machinery (performs all three functions) .....	2002.. 17	X	X	60 924
		1997.. 22	X	X	92 816
33399314	Machinery for bottling, canning, cleaning, drying bottles and containers, and adhesive devices for packing, packaging, and bottling (except parts) .....	2002.. N	X	X	500 386
		1997.. N	X	X	556 864
3339931426	Adhesive devices for packing, packaging, and bottling machinery (hot melt and cold glue) (except parts) .....	2002.. 13	X	X	D
		1997.. 9	X	X	D
3339931433	Machinery for cleaning and drying bottles and other containers (except parts) .....	2002.. 3	X	X	8 781
		1997.. 10	X	X	17 170
3339931437	Bottling and canning machinery (including fillers, all types of closers, and accessory equipment) (except parts) .....	2002.. 38	X	X	D
		1997.. 33	X	X	D
33399315	Liquids and dry viscous products filling machinery, including by count machinery (except bags and parts) .....	2002.. N	X	X	228 554
		1997.. N	X	X	313 962
3339931544	Dry products filling machinery (free and nonfree flowing), including by count machinery (except bags and parts) .....	2002.. 26	X	X	94 798
		1997.. 27	X	X	117 645
3339931545	Liquids and viscous products filling machinery (including very heavy liquids, slurries, and pumpable semisolids) (except parts) .....	2002.. 34	X	X	133 756
		1997.. 29	X	X	196 317

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333993	Packaging machinery manufacturing—Con.				
3339931	Packing, packaging, and bottling machinery (except parts)—Con.				
33399316	Glass and plastics container and can capping, sealing, and lidding machinery (except filling, bottling, and canning machinery, and parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	81 810 D
3339931651	Glass and plastics container and can capping, sealing, and lidding machinery (except filling, bottling, and canning machinery, and parts) . . . . .	2002 . . . . . 17 1997 . . . . . 16	X X	X X	81 810 D
33399317	Labeling machinery (all types of applications and methods) (except parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	190 736 242 816
3339931755	Labeling machinery (all types of applications and methods) (except parts) . . . . .	2002 . . . . . 45 1997 . . . . . 43	X X	X X	190 736 242 816
33399318	Coding, dating, imprinting, jet printing, marking, and stamping machinery (except parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	267 715 205 950
3339931859	Coding, dating, imprinting, jet printing, marking, and stamping machinery (except parts) . . . . .	2002 . . . . . 18 1997 . . . . . 19	X X	X X	267 715 205 950
33399319	Corrugated and solid fibre case and tray forming, loading, and sealing machinery (except parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	202 008 219 311
3339931963	Corrugated and solid fibre case and tray forming, loading, and sealing machinery (except parts) . . . . .	2002 . . . . . 34 1997 . . . . . 29	X X	X X	202 008 219 311
3339931A	Accumulating, collating, feeding, and unscrambling machinery, including testing, inspecting, detecting, checkweighing, and other quality control devices (except parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	164 328 182 820
3339931A67	Accumulating, collating, feeding, and unscrambling machinery (except parts) . . . . .	2002 . . . . . 39 1997 . . . . . 26	X X	X X	128 822 61 348
3339931A71	Testing, inspecting, detecting, checkweighing, and other quality control devices (except parts) . . . . .	2002 . . . . . 27 1997 . . . . . 13	X X	X X	35 506 121 472
3339931B	Paper, film, and foil wrapping machines, all types (except parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	248 060 328 503
3339931B75	Paper, film, and foil wrapping machines, all types (except shrink and stretch film equipment, and parts) . . . . .	2002 . . . . . 14 1997 . . . . . 14	X X	X X	48 837 104 635
3339931B79	Shrink and stretch film overwrapping, banding, and bundling machinery (except pallet unitizing and parts) . . . . .	2002 . . . . . 29 1997 . . . . . 31	X X	X X	162 138 195 119
3339931B83	Palletizing, depalletizing, and pallet unitizing machinery with stretch film, adhesive, and strapping (except parts) . . . . .	2002 . . . . . 9 1997 . . . . . 8	X X	X X	37 085 28 749
3339931C	All other miscellaneous packing, packaging, and bottling machinery or systems and combination of equipment (except parts) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	336 499 368 200
3339931C99	All other miscellaneous packing, packaging, and bottling machinery or systems and combination of equipment (except parts) . . . . .	2002 . . . . . 58 1997 . . . . . 72	X X	X X	336 499 368 200
3339931Y	Packing, packaging, and bottling machinery (except parts), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	244 014 370 218
3339931YVW	Packing, packaging, and bottling machinery (except parts), nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	244 014 370 218
3339935	Parts for packing, packaging, and bottling machinery . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	658 544 566 412
33399351	Parts for packing, packaging, and bottling machinery . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	658 544 566 412
3339935100	Parts for packing, packaging, and bottling machinery . . . . .	2002 . . . . . 166 1997 . . . . . 167	X X	X X	658 544 566 412
333993W	Packaging machinery manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	101 209 256 974
333993WY	Packaging machinery manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	101 209 256 974
333993WYWW	Packaging machinery manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	26 245 135 104
333993WYWY	Packaging machinery manufacturing, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	74 964 121 870
333994	Industrial process furnace and oven manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 521 064 2 861 613
3339940	Industrial furnaces and ovens, and electric industrial heating equipment . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 521 064 2 861 613
33399401	Fuel-fired industrial process furnaces, ovens, and kilns . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	377 594 589 647
3339940103	Fuel-fired industrial metal processing and heat treating furnaces (including annealing, hardening, carburizing, and porcelain enameling furnaces), except parts and attachments . . . . .	2002 . . . . . 51 1997 . . . . . 61	X X	X X	247 474 289 129

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333994	Industrial process furnace and oven manufacturing—Con.				
3339940	Industrial furnaces and ovens, and electric industrial heating equipment—Con.				
33399401	Fuel-fired industrial process furnaces, ovens, and kilns—Con.				
3339940106	Fuel-fired metal processing and heat treating furnaces, ovens, and kilns for the melting, roasting, and all other heat treatment of ores, pyrites, or metals, except parts and attachments . . . . .	2002 . . . . . 21 1997 . . . . . 25	X X	X X	52 780 60 253
3339940109	All other miscellaneous fuel-fired industrial furnaces, ovens, and kilns . . . . .	2002 . . . . . 34 1997 . . . . . 42	X X	X X	77 340 240 265
33399402	Parts and attachments for industrial fuel-fired furnaces, ovens, and kilns . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	109 357 75 470
3339940214	Parts and attachments for industrial fuel-fired furnaces, ovens, and kilns . . . . .	2002 . . . . . 46 1997 . . . . . 48	X X	X X	109 357 75 470
33399403	High-frequency induction and dielectric heating equipment, including furnaces, ovens, and kilns (except parts and attachments) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	167 508 209 880
3339940323	High-frequency induction and dielectric heating equipment, including furnaces, ovens, and kilns (except parts and attachments) . . . . .	2002 . . . . . 28 1997 . . . . . 33	X X	X X	167 508 209 880
33399404	Electric resistance-heated furnaces, ovens, and kilns (except parts and attachments) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	118 325 246 968
3339940429	Electric resistance-heated metal processing and heat treating furnaces for annealing, hardening, carburizing, and porcelain enameling (except parts and attachments) . . . . .	2002 . . . . . 37 1997 . . . . . 56	X X	X X	63 343 167 902
3339940431	Electric resistance-heated furnaces, ovens, and kilns, except for metal processing and heat treating (except parts and attachments) . . . . .	2002 . . . . . 20 1997 . . . . . 30	X X	X X	54 982 79 066
33399405	Electric (except high-frequency induction and dielectric and resistance-heated) metal processing and heat treating furnaces (except parts and attachments) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	31 863 184 371
3339940535	Electric (except high-frequency induction and dielectric and resistance-heated) metal processing and heat treating furnaces (except parts and attachments) . . . . .	2002 . . . . . 14 1997 . . . . . 23	X X	X X	31 863 184 371
33399406	Other electric industrial furnaces, ovens, and kilns (complete units) . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	118 077 546 983
3339940639	Electric (except high-frequency induction and dielectric and resistance-heated) furnaces and ovens for diffusion, oxidation, and annealing of semiconductor wafers (except parts and attachments) . . . . .	2002 . . . . . 12 1997 . . . . . 29	X X	X X	20 317 267 271
3339940653	All other miscellaneous electric industrial furnaces, ovens, and kilns (except parts) . . . . .	2002 . . . . . 29 1997 . . . . . 43	X X	X X	97 760 279 712
33399407	Parts and attachments for electric industrial furnaces, ovens, and kilns, including high-frequency induction and dielectric heating equipment . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	109 920 114 498
3339940759	Parts and attachments for electric industrial furnaces, ovens, and kilns, including high-frequency induction and dielectric heating equipment . . . . .	2002 . . . . . 50 1997 . . . . . 71	X X	X X	109 920 114 498
33399408	Other electrical heating equipment for industrial use, except parts and attachments for soldering irons . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	267 375 520 608
3339940871	Industrial electric tubular heaters . . . . .	2002 . . . . . 19 1997 . . . . . 30	X X	X X	99 653 109 758
3339940875	All other miscellaneous electrical heating equipment for industrial use, except parts and attachments and soldering irons . . . . .	2002 . . . . . 24 1997 . . . . . 53	X X	X X	167 722 410 850
33399409	Parts and attachments for electric industrial tubular heaters and all other miscellaneous electrical heating equipment for industrial use . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	59 327 72 560
3339940979	Parts and attachments for electric industrial tubular heaters and all other miscellaneous electrical heating equipment for industrial use . . . . .	2002 . . . . . 22 1997 . . . . . 35	X X	X X	59 327 72 560
3339940Y	Industrial furnaces and ovens, and electric industrial heating equipment, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	161 718 300 628
3339940YWW	Industrial furnaces and ovens, and electric industrial heating equipment, nsk, for nonadministrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	90 945 258 301
3339940YWY	Industrial furnaces and ovens, and electric industrial heating equipment, nsk, for administrative-record establishments . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	70 773 42 327
333995	Fluid power cylinder and actuator manufacturing . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	3 125 008 3 175 231
3339951	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	962 343 1 382 036
33399511	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary . . . . .	2002 . . . . . N	X	X	962 343

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333995	Fluid power cylinder and actuator manufacturing—Con.				
3339951	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary—Con.				
33399511	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary—Con.				
	1997..	N	X	X	1 382 036
3339951100	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary <sup>31</sup> .....	2002..	93	X	962 343
		1997..	133	X	1 382 036
3339953	Nonaerospace type pneumatic fluid power cylinders and actuators, linear and rotary .....	2002..	N	X	545 716
		1997..	N	X	491 260
33399531	Nonaerospace type pneumatic fluid power cylinders and actuators, linear and rotary .....	2002..	N	X	545 716
		1997..	N	X	491 260
3339953100	Nonaerospace type pneumatic fluid power cylinders and actuators, linear and rotary <sup>31</sup> .....	2002..	59	X	545 716
		1997..	82	X	491 260
3339955	Parts for nonaerospace type hydraulic and pneumatic fluid power cylinders and actuators, including accumulators, cushions, etc. ....	2002..	N	X	414 513
		1997..	N	X	303 995
33399551	Parts for nonaerospace type hydraulic and pneumatic fluid power cylinders and actuators, including accumulators, cushions, etc. ....	2002..	N	X	414 513
		1997..	N	X	303 995
3339955100	Parts for nonaerospace type hydraulic and pneumatic fluid power cylinders and actuators, including accumulators, cushions, etc. <sup>31</sup> .....	2002..	74	X	414 513
		1997..	84	X	303 995
3339957	Aerospace type fluid power cylinders and actuators, hydraulic and pneumatic .....	2002..	N	X	1 002 645
		1997..	N	X	900 549
33399571	Aerospace type fluid power cylinders and actuators, hydraulic and pneumatic .....	2002..	N	X	1 002 645
		1997..	N	X	900 549
3339957100	Aerospace type fluid power cylinders and actuators, hydraulic and pneumatic <sup>31</sup> .....	2002..	35	X	1 002 645
		1997..	43	X	900 549
333995W	Fluid power cylinder and actuator manufacturing, nsk, total .....	2002..	N	X	199 791
		1997..	N	X	97 391
333995WY	Fluid power cylinder and actuator manufacturing, nsk, total .....	2002..	N	X	199 791
		1997..	N	X	97 391
333995WYWW	Fluid power cylinder and actuator manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	117 842
		1997..	N	X	38 851
333995WYWY	Fluid power cylinder and actuator manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	81 949
		1997..	N	X	58 540
333996	Fluid power pump and motor manufacturing .....	2002..	N	X	2 413 938
		1997..	N	X	2 606 309
3339961	Nonaerospace type reciprocating fluid power pumps .....	2002..	N	X	566 848
		1997..	N	X	661 302
33399611	Nonaerospace type reciprocating fluid power pumps .....	2002..	N	X	566 848
		1997..	N	X	661 302
3339961100	Nonaerospace type reciprocating fluid power pumps <sup>31</sup> .....	2002..	32	X	566 848
		1997..	37	X	661 302
3339963	Nonaerospace type rotary and other fluid power pumps .....	2002..	N	X	504 654
		1997..	N	X	501 080
33399631	Nonaerospace type rotary and other fluid power pumps .....	2002..	N	X	504 654
		1997..	N	X	501 080
3339963100	Nonaerospace type rotary and other fluid power pumps <sup>31</sup> .....	2002..	30	X	504 654
		1997..	44	X	501 080
3339965	Nonaerospace type fluid power motors .....	2002..	N	X	514 352
		1997..	N	X	541 994
33399651	Nonaerospace type fluid power motors .....	2002..	N	X	514 352
		1997..	N	X	541 994
3339965100	Nonaerospace type fluid power motors <sup>31</sup> .....	2002..	29	X	514 352
		1997..	33	X	541 994
3339967	Aerospace type fluid power pumps and motors .....	2002..	N	X	252 051
		1997..	N	X	221 735
33399671	Aerospace type fluid power pumps and motors .....	2002..	N	X	252 051
		1997..	N	X	221 735
3339967100	Aerospace type fluid power pumps and motors <sup>31</sup> .....	2002..	25	X	252 051
		1997..	26	X	221 735
3339969	Parts for fluid power pumps, motors, and hydrostatic transmissions .....	2002..	N	X	504 523
		1997..	N	X	502 056
33399691	Parts for fluid power pumps, motors, and hydrostatic transmissions .....	2002..	N	X	504 523
		1997..	N	X	502 056
3339969100	Parts for fluid power pumps, motors, and hydrostatic transmissions <sup>31</sup> .....	2002..	54	X	504 523
		1997..	64	X	502 056
333996W	Fluid power pump and motor manufacturing, nsk, total .....	2002..	N	X	71 510
		1997..	N	X	178 142
333996WY	Fluid power pump and motor manufacturing, nsk, total .....	2002..	N	X	71 510
		1997..	N	X	178 142
333996WYWW	Fluid power pump and motor manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	S
		1997..	N	X	107 215
333996WYWY	Fluid power pump and motor manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	71 536

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
333996	Fluid power pump and motor manufacturing—Con.					
333996W	Fluid power pump and motor manufacturing, nsk, total—Con.					
333996WY	Fluid power pump and motor manufacturing, nsk, total—Con.					
333996WYWY	Fluid power pump and motor manufacturing, nsk, for administrative-record establishments—Con.					
		1997..	N	X	X	70 927
333997	Scale and balance (except laboratory) manufacturing . . . . .	2002..	N	X	X	622 423
		1997..	N	X	X	619 837
3339971	Vehicle and industrial scales . . . . .	2002..	N	X	X	316 506
		1997..	N	X	X	331 007
33399711	Motor truck and railroad track scales . . . . .	2002..	N	X	X	73 702
		1997..	N	X	X	81 896
3339971101	Motor truck scales . . . . .	2002..	17	X	X	64 482
		1997..	22	X	X	75 571
3339971103	Railroad track scales . . . . .	2002..	7	X	X	9 220
		1997..	8	X	X	6 325
33399712	Industrial scales . . . . .	2002..	N	X	X	131 867
		1997..	N	X	X	114 673
3339971205	Industrial bench and portable scales . . . . .	2002..	10	X	X	11 875
		1997..	12	X	X	20 293
3339971207	Industrial floor scales, dormant, pitless . . . . .	2002..	17	X	X	23 106
		1997..	16	X	X	28 325
3339971209	Automatic checkweigher and bulkweigher scales . . . . .	2002..	13	X	X	46 010
		1997..	14	X	X	49 811
3339971211	Industrial over-under (predetermined weight) scales . . . . .	2002..	3	X	X	1 115
		1997..	4	X	X	3 524
3339971215	Industrial counting scales . . . . .	2002..	8	X	X	49 761
		1997..	7	X	X	12 720
33399713	Miscellaneous industrial scales (crane, suspension, tank, hopper, force measuring devices, bulk conveyor, etc.) . . . . .	2002..	N	X	X	109 500
		1997..	N	X	X	134 438
3339971313	Miscellaneous industrial scales (crane, suspension, tank, hopper, force measuring devices, bulk conveyor, etc.) . . . . .	2002..	32	X	X	109 500
		1997..	33	X	X	134 438
3339971Y	Vehicle and industrial scales, nsk . . . . .	2002..	N	X	X	1 437
		1997..	N	X	X	—
3339971YWV	Vehicle and industrial scales, nsk . . . . .	2002..	N	X	X	1 437
		1997..	N	X	X	—
3339973	Retail, commercial, household, and mailing scales . . . . .	2002..	N	X	X	195 336
		1997..	N	X	X	154 067
33399731	Retail, commercial, household, and mailing scales . . . . .	2002..	N	X	X	195 336
		1997..	N	X	X	154 067
3339973102	Retail and commercial scales, including delicatessens, checkstand, and automatic prepack . . . . .	2002..	5	X	X	D
		1997..	N	X	X	N
3339973105	Household and person-weighing scales (including bathroom, coin-operated, free weighing, kitchen, and baby scales) . . . . .	2002..	7	X	X	48 960
		1997..	7	X	X	62 903
3339973107	Mailing and parcel post scales (including handheld scales) . . . . .	2002..	6	X	X	57 216
		1997..	7	X	X	48 307
3339973109	Balances with or without weights (of all sensitivities), except laboratory . . . . .	2002..	4	X	X	D
		1997..	3	X	X	D
3339973Y	Retail, commercial, household, and mailing scales, nsk . . . . .	2002..	N	X	X	—
		1997..	N	X	X	—
3339973YWV	Retail, commercial, household, and mailing scales, nsk . . . . .	2002..	N	X	X	—
		1997..	N	X	X	—
3339975	Parts, attachments, and accessories for scales and balances, except laboratory . . . . .	2002..	N	X	X	98 878
		1997..	N	X	X	102 781
33399751	Parts, attachments, and accessories for scales and balances, except laboratory . . . . .	2002..	N	X	X	98 878
		1997..	N	X	X	102 781
3339975101	Printers for scales and balances, except laboratory (sold separately) . . . . .	2002..	4	X	X	2 966
		1997..	4	X	X	4 562
3339975103	Digital indicators for scales and balances, except laboratory (sold separately) . . . . .	2002..	9	X	X	30 689
		1997..	6	X	X	29 329
3339975105	Other accessories and attachments for scales and balances, except laboratory (sold separately) . . . . .	2002..	5	X	X	12 627
		1997..	6	X	X	26 864
3339975107	Parts for scales and balances, except laboratory (sold for assembly elsewhere, repair, service, etc.) . . . . .	2002..	17	X	X	52 596
		1997..	24	X	X	42 026
3339975Y	Parts, attachments, and accessories for scales and balances, except laboratory, nsk . . . . .	2002..	N	X	X	—
		1997..	N	X	X	—
3339975YWV	Parts, attachments, and accessories for scales and balances, except laboratory, nsk . . . . .	2002..	N	X	X	—
		1997..	N	X	X	—
333997W	Scale and balance (except laboratory) manufacturing, nsk, total . . . . .	2002..	N	X	X	11 703
		1997..	N	X	X	31 982
333997WY	Scale and balance (except laboratory) manufacturing, nsk, total . . . . .	2002..	N	X	X	11 703
		1997..	N	X	X	31 982
333997WYWV	Scale and balance (except laboratory) manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002..	N	X	X	490
		1997..	N	X	X	16 919
333997WYWY	Scale and balance (except laboratory) manufacturing, nsk, for administrative-record establishments . . . . .	2002..	N	X	X	11 213
		1997..	N	X	X	15 063
333999	All other miscellaneous general purpose machinery manufacturing . . . . .	2002..	N	X	X	8 835 114

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333999	All other miscellaneous general purpose machinery manufacturing—Con.				
	1997..	N	X	X	7 907 717
3339991	Filters and strainers, except fluid power .....	2002..	N	X	2 346 145
	1997..	N	X	X	1 985 617
33399911	Filters and strainers, except fluid power .....	2002..	N	X	1 736 234
	1997..	N	X	X	1 253 299
3339991104	Filter and strainer assemblies (containment or housing devices), with or without filter element installed, for water; except parts and accessories (except for fluid power systems) .....	2002..	85	X	926 732
	1997..	71	X	X	504 837
3339991108	Filter and strainer assemblies (containment or housing devices), with or without filter element installed, for fluids other than water, except parts and accessories (except for fluid power systems) .....	2002..	75	X	555 317
	1997..	95	X	X	543 253
3339991111	Reusable (cleanable) media for filters and strainers, except for fluid power .....	2002..	50	X	254 185
	1997..	49	X	X	205 209
33399912	Nonreusable media for filters and strainers, including disposable (throwaway) litter cartridges, except for fluid power .....	2002..	N	X	502 546
	1997..	N	X	X	590 408
3339991212	Nonreusable media for filters and strainers, including disposable (throwaway) litter cartridges, except for fluid power .....	2002..	63	X	502 546
	1997..	76	X	X	590 408
33399913	Parts and accessories for filters and strainers, except for fluid power systems (sold separately) .....	2002..	N	X	81 992
	1997..	N	X	X	83 545
3339991389	Parts and accessories for filters and strainers, except for fluid power systems (sold separately) .....	2002..	53	X	81 992
	1997..	44	X	X	83 545
3339991Y	Filters and strainers, except fluid power, nsk .....	2002..	N	X	25 373
	1997..	N	X	X	58 365
3339991YWV	Filters and strainers, except fluid power, nsk .....	2002..	N	X	25 373
	1997..	N	X	X	58 365
3339993	Filters for hydraulic fluid power systems, nonaerospace .....	2002..	N	X	372 465
	1997..	N	X	X	252 305
33399931	Filters for hydraulic fluid power systems, nonaerospace .....	2002..	N	X	372 465
	1997..	N	X	X	252 305
3339993100	Filters for hydraulic fluid power systems, nonaerospace <sup>31</sup> .....	2002..	31	X	372 465
	1997..	40	X	X	252 305
3339994	Filters for pneumatic fluid power systems, nonaerospace .....	2002..	N	X	110 818
	1997..	N	X	X	137 737
33399941	Filters for pneumatic fluid power systems, nonaerospace .....	2002..	N	X	110 818
	1997..	N	X	X	137 737
3339994100	Filters for pneumatic fluid power systems, nonaerospace <sup>31</sup> .....	2002..	19	X	110 818
	1997..	20	X	X	137 737
3339996	Filters for hydraulic and pneumatic fluid power systems, aerospace .....	2002..	N	X	137 483
	1997..	N	X	X	121 694
33399961	Filters for hydraulic and pneumatic fluid power systems, aerospace .....	2002..	N	X	137 483
	1997..	N	X	X	121 694
3339996100	Filters for hydraulic and pneumatic fluid power systems, aerospace <sup>31</sup> .....	2002..	10	X	137 483
	1997..	10	X	X	121 694
3339997	All other miscellaneous general industrial machinery .....	2002..	N	X	3 244 366
	1997..	N	X	X	N
33399971	Industrial robots, attachments and parts .....	2002..	N	X	1 048 162
	1997..	N	X	X	N
3339997109	Industrial robots, attachments and parts .....	2002..	80	X	1 048 162
	1997..	N	X	X	N
33399972	Gas separating equipment .....	2002..	N	X	181 004
	1997..	N	X	X	N
3339997218	Gas separating equipment .....	2002..	22	X	181 004
	1997..	N	X	X	N
33399973	Centrifugals and separators (except cream, grain, and berry) .....	2002..	N	X	47 731
	1997..	N	X	X	N
3339997321	Centrifugals and separators (except cream, grain, and berry) .....	2002..	15	X	47 731
	1997..	N	X	X	N
33399974	All other separatory products, for general industry use .....	2002..	N	X	292 663
	1997..	N	X	X	N
3339997425	Steam and vapor separators .....	2002..	7	X	8 247
	1997..	N	X	X	N
3339997436	Sifting and screening machines .....	2002..	10	X	101 883
	1997..	N	X	X	N
3339997446	All other miscellaneous separatory products for general industrial use, including products used for separating solids, liquids, and gases (complete units) .....	2002..	37	X	110 032
	1997..	N	X	X	N
3339997451	Parts for products used for separating solids, liquids, and gases (except parts for filters and strainers and fluid power products) .....	2002..	14	X	72 501
	1997..	N	X	X	N
33399975	Gas generating equipment .....	2002..	N	X	43 166
	1997..	N	X	X	N
3339997556	Gas generating equipment .....	2002..	11	X	43 166
	1997..	N	X	X	N
33399976	Mixers for general industrial processes, solids or liquids .....	2002..	N	X	98 569
	1997..	N	X	X	N
3339997661	Mixers for general industrial processes, solids or liquids .....	2002..	28	X	98 569
	1997..	N	X	X	N
33399977	Automatic fire sprinklers .....	2002..	N	X	172 191

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333999	All other miscellaneous general purpose machinery manufacturing—Con.				
3339997	All other miscellaneous general industrial machinery—Con.				
33399977	Automatic fire sprinklers—Con.				
		1997..	N	X	N
3339997763	Automatic fire sprinklers .....	2002..	15	X	172 191
		1997..	N	X	N
33399978	Compressed air and gas dryers and centralized automatic lubricating systems for pneumatic fluid power systems .....	2002..	N	X	207 112
		1997..	N	X	N
3339997870	Compressed air and gas dryers (refrigerant, desiccant, deliquescent, etc.) <sup>31</sup> .....	2002..	14	X	98 993
		1997..	N	X	N
3339997880	Lubricating systems, industrial, centralized and automatic, for pneumatic systems (sold separately) <sup>31</sup> .....	2002..	8	X	108 119
		1997..	N	X	N
33399979	All other machinery, for general industry use .....	2002..	N	X	1 149 332
		1997..	N	X	N
3339997983	Lubricating systems, industrial, centralized and automatic, for other than pneumatic systems (complete units) .....	2002..	14	X	42 790
		1997..	N	X	N
3339997986	Metal baling presses .....	2002..	10	X	62 747
		1997..	N	X	N
3339997989	Hydraulic jacks .....	2002..	13	X	41 244
		1997..	N	X	N
3339997991	Screwjacks (except automotive) .....	2002..	3	X	16 867
		1997..	N	X	N
3339997994	All other miscellaneous machinery for general industrial use (complete units) .....	2002..	119	X	585 811
		1997..	N	X	N
3339997997	Metal bellows .....	2002..	19	X	117 051
		1997..	N	X	N
3339997998	Parts for all other miscellaneous general industrial machinery and equipment .....	2002..	79	X	282 822
		1997..	N	X	N
3339997Y	All other miscellaneous general industrial machinery, nsk .....	2002..	N	X	4 436
		1997..	N	X	N
3339997YVV	All other miscellaneous general industrial machinery, nsk .....	2002..	N	X	4 436
		1997..	N	X	N
333999A	All other miscellaneous machinery products, except electrical .....	2002..	N	X	880 139
		1997..	N	X	N
333999A1	All other miscellaneous machinery products, except electrical .....	2002..	N	X	880 139
		1997..	N	X	N
333999A100	All other miscellaneous machinery products, except electrical .....	2002..	232	X	880 139
		1997..	N	X	N
333999W	All other miscellaneous general purpose machinery manufacturing, nsk, total .....	2002..	N	X	1 743 698
		1997..	N	X	874 298
333999WY	All other miscellaneous general purpose machinery manufacturing, nsk, total .....	2002..	N	X	1 743 698
		1997..	N	X	874 298
333999WYWWW	All other miscellaneous general purpose machinery manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	1 484 133
		1997..	N	X	529 071
333999WYWY	All other miscellaneous general purpose machinery manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	259 565
		1997..	N	X	345 227
334111	Electronic computer manufacturing .....	2002..	N	X	40 999 346
		1997..	N	X	54 871 866
3341111	Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, PC servers) .....	2002..	N	X	12 975 408
		1997..	N	X	16 584 553
33411111	Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, PC servers) .....	2002..	N	X	12 975 408
		1997..	N	X	16 584 553
3341111100	Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, PC servers) .....	2002..	57	X	12 975 408
		1997..	70	X	16 584 553
3341117	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers) .....	2002..	N	X	26 376 547
		1997..	N	X	34 599 552
33411171	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers) .....	2002..	N	X	26 376 547
		1997..	N	X	34 599 552
3341117100	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers) .....	2002..	69	X	26 376 547
		1997..	93	X	34 599 552
334111D	Other computers (array, analog, hybrid, and special-use computers) .....	2002..	N	X	805 508
		1997..	N	X	1 012 286
334111D1	Other computers (array, analog, hybrid, and special-use computers) .....	2002..	N	X	805 508
		1997..	N	X	1 012 286
334111D100	Other computers (array, analog, hybrid, and special-use computers) .....	2002..	29	X	805 508
		1997..	42	X	1 012 286
334111W	Electronic computer manufacturing, nsk, total .....	2002..	N	X	841 883
		1997..	N	X	2 675 475
334111WY	Electronic computer manufacturing, nsk, total .....	2002..	N	X	841 883

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
334111	Electronic computer manufacturing—Con.					
334111W	Electronic computer manufacturing, nsk, total—Con.					
334111WY	Electronic computer manufacturing, nsk, total—Con.					
		1997..	N	X	X	2 675 475
334111WYWW	Electronic computer manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	609 192
		1997..	N	X	X	2 533 316
334111WYWY	Electronic computer manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	232 691
		1997..	N	X	X	142 159
334112	Computer storage device manufacturing .....	2002..	N	X	X	7 628 413
		1997..	N	X	X	13 228 758
3341121	Computer storage devices (except parts, attachments, and accessories) .....	2002..	N	X	X	5 461 472
		1997..	N	X	X	10 406 775
33411211	Computer storage devices (except parts, attachments, and accessories) .....	2002..	N	X	X	5 461 472
		1997..	N	X	X	10 406 775
3341121100	Computer storage devices (except parts, attachments, and accessories) <sup>36</sup> .....	2002..	55	X	X	5 461 472
		1997..	90	X	X	10 406 775
3341124	Parts, attachments, and accessories for computer storage devices .....	2002..	N	X	X	1 686 810
		1997..	N	X	X	2 340 307
33411241	Parts, attachments, and accessories for computer storage devices .....	2002..	N	X	X	1 686 810
		1997..	N	X	X	2 340 307
3341124100	Parts, attachments, and accessories for computer storage devices <sup>36</sup> .....	2002..	26	X	X	1 686 810
		1997..	38	X	X	2 340 307
334112W	Computer storage device manufacturing, nsk, total .....	2002..	N	X	X	480 131
		1997..	N	X	X	481 676
334112WY	Computer storage device manufacturing, nsk, total .....	2002..	N	X	X	480 131
		1997..	N	X	X	481 676
334112WYWW	Computer storage device manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	376 440
		1997..	N	X	X	413 113
334112WYWY	Computer storage device manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	103 691
		1997..	N	X	X	68 563
334113	Computer terminal manufacturing .....	2002..	N	X	X	428 822
		1997..	N	X	X	1 522 712
3341131	Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories) .....	2002..	N	X	X	312 336
		1997..	N	X	X	1 086 746
33411311	Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories) .....	2002..	N	X	X	312 336
		1997..	N	X	X	1 086 746
3341131100	Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories) <sup>36</sup> .....	2002..	27	X	X	312 336
		1997..	50	X	X	1 086 746
3341134	Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices) .....	2002..	N	X	X	81 889
		1997..	N	X	X	190 902
33411341	Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices) .....	2002..	N	X	X	81 889
		1997..	N	X	X	190 902
3341134100	Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices) <sup>36</sup> .....	2002..	15	X	X	81 889
		1997..	20	X	X	190 902
334113W	Computer terminal manufacturing, nsk, total .....	2002..	N	X	X	34 597
		1997..	N	X	X	245 064
334113WY	Computer terminal manufacturing, nsk, total .....	2002..	N	X	X	34 597
		1997..	N	X	X	245 064
334113WYWW	Computer terminal manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	18 098
		1997..	N	X	X	196 600
334113WYWY	Computer terminal manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	16 499
		1997..	N	X	X	48 464
334119	Other computer peripheral equipment manufacturing .....	2002..	N	X	X	16 724 110
		1997..	N	X	X	21 662 541
3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories) .....	2002..	N	X	X	10 543 396
		1997..	N	X	X	15 657 143
33411911	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories) .....	2002..	N	X	X	10 543 396
		1997..	N	X	X	15 657 143
3341191100	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories) <sup>36</sup> .....	2002..	196	X	X	10 543 396
		1997..	309	X	X	15 657 143
3341194	Parts, subassemblies, and accessories for computer peripheral equipment .....	2002..	N	X	X	2 261 179
		1997..	N	X	X	2 914 383
33411941	Parts, subassemblies, and accessories for computer peripheral equipment .....	2002..	N	X	X	2 261 179
		1997..	N	X	X	2 914 383
3341194100	Parts, subassemblies, and accessories for computer peripheral equipment <sup>36</sup> .....	2002..	74	X	X	2 261 179
		1997..	91	X	X	2 914 383
3341197	Point of sale terminals and fund-transfer devices. ....	2002..	N	X	X	797 272

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
334119	Other computer peripheral equipment manufacturing—Con.				
3341197	Point of sale terminals and fund-transfer devices.—Con.				
		1997..	N	X	X
		2002..	N	X	X
33411971	Point of sale terminals and fund-transfer devices. ....	1997..	N	X	X
		2002..	N	X	X
3341197100	Point of sale terminals and fund-transfer devices. <sup>36</sup> .....	2002..	26	X	X
		1997..	40	X	X
334119D	Parts and attachments for point of sale terminals and fund-transfer devices .....	2002..	N	X	X
		1997..	N	X	X
334119D1	Parts and attachments for point of sale terminals and fund-transfer devices .....	2002..	N	X	X
		1997..	N	X	X
334119D100	Parts and attachments for point of sale terminals and fund-transfer devices <sup>36</sup> .....	2002..	11	X	X
		1997..	13	X	X
334119W	Other computer peripheral equipment manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
334119WY	Other computer peripheral equipment manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
334119WYWW	Other computer peripheral equipment manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
334119WYWY	Other computer peripheral equipment manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
334210	Telephone apparatus manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3342101	Telephone switching and switchboard equipment .....	2002..	N	X	X
		1997..	N	X	X
33421011	Telephone switching and switchboard equipment .....	2002..	N	X	X
		1997..	N	X	X
3342101100	Telephone switching and switchboard equipment <sup>37</sup> .....	2002..	57	X	X
		1997..	87	X	X
3342104	Telephone and telegraph (wire) apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets .....	2002..	N	X	X
		1997..	N	X	X
33421041	Telephone and telegraph (wire) apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets .....	2002..	N	X	X
		1997..	N	X	X
3342104100	Telephone and telegraph (wire) apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets <sup>37</sup> .....	2002..	74	X	X
		1997..	106	X	X
3342107	Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines .....	2002..	N	X	X
		1997..	N	X	X
33421071	Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines .....	2002..	N	X	X
		1997..	N	X	X
3342107100	Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines <sup>37</sup> .....	2002..	118	X	X
		1997..	236	X	X
334210W	Telephone apparatus manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
334210WY	Telephone apparatus manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
334210WYWW	Telephone apparatus manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
334210WYWY	Telephone apparatus manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
334220	Radio and television broadcasting and wireless communications equipment manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast) .....	2002..	N	X	X
		1997..	N	X	X
33422011	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast) .....	2002..	N	X	X
		1997..	N	X	X
3342201100	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast) <sup>37</sup> .....	2002..	341	X	X
		1997..	450	X	X
3342202	Broadcast, studio, and related electronic equipment .....	2002..	N	X	X
		1997..	N	X	X
33422021	Broadcast, studio, and related electronic equipment .....	2002..	N	X	X
		1997..	N	X	X
3342202100	Broadcast, studio, and related electronic equipment <sup>37</sup> .....	2002..	124	X	X
		1997..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufacturers (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
334220	Radio and television broadcasting and wireless communications equipment manufacturing—Con.				
334220W	Radio and television broadcasting and wireless communications equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	2 340 646 426 484
334220WY	Radio and television broadcasting and wireless communications equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	2 340 646 426 484
334220WYWW	Radio and television broadcasting and wireless communications equipment manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	1 948 194 54 876
334220WYWY	Radio and television broadcasting and wireless communications equipment manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	392 452 371 608
334290	Other communications equipment manufacturing	2002.. N 1997.. N	X X	X X	4 907 563 3 498 852
3342901	Alarm systems, including electric sirens and horns	2002.. N 1997.. N	X X	X X	3 037 297 2 056 111
33429011	Alarm systems, including electric sirens and horns	2002.. N 1997.. N	X X	X X	3 037 297 2 056 111
3342901100	Alarm systems, including electric sirens and horns <sup>37</sup>	2002.. 111 1997.. 109	X X	X X	3 037 297 2 056 111
3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments	2002.. N 1997.. N	X X	X X	894 294 1 003 415
33429021	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments	2002.. N 1997.. N	X X	X X	894 294 1 003 415
3342902100	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments <sup>37</sup>	2002.. 55 1997.. 49	X X	X X	894 294 1 003 415
3342903	Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph	2002.. N 1997.. N	X X	X X	304 308 291 751
33429031	Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph	2002.. N 1997.. N	X X	X X	304 308 291 751
3342903100	Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph <sup>37</sup>	2002.. 34 1997.. 50	X X	X X	304 308 291 751
334290W	Other communications equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	671 664 147 575
334290WY	Other communications equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	671 664 147 575
334290WYWW	Other communications equipment manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	488 828 30 546
334290WYWY	Other communications equipment manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	182 836 117 029
334310	Audio and video equipment manufacturing	2002.. N 1997.. N	X X	X X	9 424 611 8 465 285
3343101	Home, portable, and automobile radios and radio-phonograph-tape recorder-compact disc combinations	2002.. N 1997.. N	X X	X X	2 458 771 992 601
33431011	Home, portable, and automobile radios and radio-phonograph-tape recorder-compact disc combinations	2002.. N 1997.. N	X X	X X	2 458 771 992 601
3343101100	Home, portable, and automobile radios and radio-phonograph-tape recorder-compact disc combinations <sup>43</sup>	2002.. 23 1997.. 24	X X	X X	2 458 771 992 601
3343102	Television receivers, including combination models	2002.. N 1997.. N	X X	X X	3 391 132 4 375 014
33431021	Television receivers, including combination models	2002.. N 1997.. N	X X	X X	3 391 132 4 375 014
3343102100	Television receivers, including combination models <sup>43</sup>	2002.. 14 1997.. 14	X X	X X	3 391 132 4 375 014
3343104	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment	2002.. N 1997.. N	X X	X X	2 170 414 2 156 074
33431041	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment	2002.. N 1997.. N	X X	X X	2 170 414 2 156 074
3343104100	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment <sup>43</sup>	2002.. 101 1997.. 127	X X	X X	2 170 414 2 156 074
3343105	Other consumer audio and video equipment, including audio and video recorders and players (camcorders)	2002.. N 1997.. N	X X	X X	1 023 796 N
33431051	Other consumer audio and video equipment, including audio and video recorders and players (camcorders)	2002.. N 1997.. N	X X	X X	1 023 796 N
3343105100	Other consumer audio and video equipment, including audio and video recorders and players (camcorders) <sup>43</sup>	2002.. 86 1997.. N	X X	X X	1 023 796 N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
334310	Audio and video equipment manufacturing—Con.				
334310W	Audio and video equipment manufacturing, nsk, total	2002.. N	X	X	380 498
		1997.. N	X	X	235 405
334310WY	Audio and video equipment manufacturing, nsk, total	2002.. N	X	X	380 498
		1997.. N	X	X	235 405
334310WYWW	Audio and video equipment manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	118 203
		1997.. N	X	X	55 197
334310WYWY	Audio and video equipment manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	262 295
		1997.. N	X	X	180 208
334411	Electron tube manufacturing	2002.. N	X	X	3 248 301
		1997.. N	X	X	4 219 906
3344111	Transmittal, industrial, and special-purpose electron tubes (except X-ray)	2002.. N	X	X	584 845
		1997.. N	X	X	577 989
33441111	Transmittal, industrial, and special-purpose electron tubes (except X-ray)	2002.. N	X	X	584 845
		1997.. N	X	X	577 989
3344111100	Transmittal, industrial, and special-purpose electron tubes (except X-ray) <sup>44</sup>	2002.. 28	X	X	584 845
		1997.. 31	X	X	577 989
3344114	Receiving-type electron tubes, including cathode ray (new and rebuilt)	2002.. N	X	X	2 515 608
		1997.. N	X	X	3 394 462
33441141	Receiving-type electron tubes, including cathode ray (new and rebuilt)	2002.. N	X	X	2 515 608
		1997.. N	X	X	3 394 462
3344114100	Receiving-type electron tubes, including cathode ray (new and rebuilt) <sup>44</sup>	2002.. 15	X	X	2 515 608
		1997.. 18	X	X	3 394 462
3344117	Electron tube parts	2002.. N	X	X	87 642
		1997.. N	X	X	156 671
33441171	Electron tube parts	2002.. N	X	X	87 642
		1997.. N	X	X	156 671
3344117100	Electron tube parts <sup>44</sup>	2002.. 26	X	X	87 642
		1997.. 16	X	X	156 671
334411W	Electron tube manufacturing, nsk, total	2002.. N	X	X	60 206
		1997.. N	X	X	90 784
334411WY	Electron tube manufacturing, nsk, total	2002.. N	X	X	60 206
		1997.. N	X	X	90 784
334411WYWW	Electron tube manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	20 578
		1997.. N	X	X	35 869
334411WYWY	Electron tube manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	39 628
		1997.. N	X	X	54 915
334412	Bare printed circuit board manufacturing	2002.. N	X	X	6 590 255
		1997.. N	X	X	8 724 756
3344120	Bare printed circuit boards	2002.. N	X	X	6 590 255
		1997.. N	X	X	8 724 756
33441201	Bare printed circuit (wiring) boards	2002.. N	X	X	5 846 542
		1997.. N	X	X	7 827 892
3344120100	Bare printed circuit (wiring) boards <sup>44</sup>	2002.. 377	X	X	5 846 542
		1997.. 534	X	X	7 827 892
3344120Y	Bare printed circuit boards, nsk, total	2002.. N	X	X	743 713
		1997.. N	X	X	896 864
3344120YWW	Bare printed circuit boards, nsk, for nonadministrative-record establishments	2002.. N	X	X	584 371
		1997.. N	X	X	582 894
3344120YWY	Bare printed circuit boards, nsk, for administrative-record establishments	2002.. N	X	X	159 342
		1997.. N	X	X	313 970
334413	Semiconductor and related device manufacturing	2002.. N	X	X	59 638 522
		1997.. N	X	X	76 185 822
3344131	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	2002.. N	X	X	49 483 874
		1997.. N	X	X	60 277 163
33441311	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	2002.. N	X	X	49 483 874
		1997.. N	X	X	60 277 163
3344131100	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories <sup>44</sup>	2002.. 186	X	X	49 483 874
		1997.. 191	X	X	60 277 163
3344134	Transistors	2002.. N	X	X	861 073
		1997.. N	X	X	1 661 296
33441341	Transistors	2002.. N	X	X	861 073
		1997.. N	X	X	1 661 296
3344134100	Transistors <sup>44</sup>	2002.. 33	X	X	861 073
		1997.. 34	X	X	1 661 296
3344137	Diodes and rectifiers	2002.. N	X	X	454 387
		1997.. N	X	X	1 200 564
33441371	Diodes and rectifiers	2002.. N	X	X	454 387
		1997.. N	X	X	1 200 564
3344137100	Diodes and rectifiers <sup>44</sup>	2002.. 44	X	X	454 387
		1997.. 47	X	X	1 200 564
334413A	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks	2002.. N	X	X	6 836 388
		1997.. N	X	X	11 202 336

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
334413	Semiconductor and related device manufacturing—Con.				
334413A	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks—Con.				
334413A1	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks .....	2002.. N	X	X	6 836 388
		1997.. N	X	X	11 202 336
334413A100	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks <sup>44</sup> .....	2002.. 168	X	X	6 836 388
		1997.. 166	X	X	11 202 336
334413W	Semiconductor and related device manufacturing, nsk, total .....	2002.. N	X	X	2 002 800
		1997.. N	X	X	1 844 463
334413WY	Semiconductor and related device manufacturing, nsk, total .....	2002.. N	X	X	2 002 800
		1997.. N	X	X	1 844 463
334413WYWW	Semiconductor and related device manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	1 533 850
		1997.. N	X	X	1 332 527
334413WYWY	Semiconductor and related device manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	468 950
		1997.. N	X	X	511 936
334414	Electronic capacitor manufacturing .....	2002.. N	X	X	1 365 970
		1997.. N	X	X	2 128 486
3344140	Capacitors for electronic circuitry .....	2002.. N	X	X	1 365 970
		1997.. N	X	X	2 128 486
33441401	Capacitors for electronic circuitry .....	2002.. N	X	X	1 347 614
		1997.. N	X	X	2 066 258
3344140100	Capacitors for electronic circuitry <sup>44</sup> .....	2002.. 71	X	X	1 347 614
		1997.. 79	X	X	2 066 258
3344140Y	Capacitors for electronic circuitry, nsk, total .....	2002.. N	X	X	18 356
		1997.. N	X	X	62 228
3344140YWW	Capacitors for electronic circuitry, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	11 203
		1997.. N	X	X	27 992
3344140YWY	Capacitors for electronic circuitry, nsk, for administrative-record establishments .....	2002.. N	X	X	7 153
		1997.. N	X	X	34 236
334415	Electronic resistor manufacturing .....	2002.. N	X	X	681 181
		1997.. N	X	X	1 098 006
3344150	Resistors for electronic circuitry .....	2002.. N	X	X	681 181
		1997.. N	X	X	1 098 006
33441501	Resistors for electronic circuitry .....	2002.. N	X	X	663 490
		1997.. N	X	X	1 029 704
3344150100	Resistors for electronic circuitry <sup>44</sup> .....	2002.. 54	X	X	663 490
		1997.. 74	X	X	1 029 704
3344150Y	Resistors for electronic circuitry, nsk, total .....	2002.. N	X	X	17 691
		1997.. N	X	X	68 302
3344150YWW	Resistors for electronic circuitry, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	8 266
		1997.. N	X	X	57 824
3344150YWY	Resistors for electronic circuitry, nsk, for administrative-record establishments .....	2002.. N	X	X	9 425
		1997.. N	X	X	10 478
334416	Electronic coil, transformer, and other inductor manufacturing .....	2002.. N	X	X	1 174 227
		1997.. N	X	X	1 622 026
3344160	Electronic coils, transformers, and other inductors .....	2002.. N	X	X	1 174 227
		1997.. N	X	X	1 622 026
33441601	Electronic coils, transformers, and other inductors .....	2002.. N	X	X	1 066 892
		1997.. N	X	X	1 402 589
3344160100	Electronic coils, transformers, and other inductors <sup>44</sup> .....	2002.. 198	X	X	1 066 892
		1997.. 242	X	X	1 402 589
3344160Y	Electronic coils, transformers, and other inductors, nsk, total .....	2002.. N	X	X	107 335
		1997.. N	X	X	219 437
3344160YWW	Electronic coils, transformers, and other inductors, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	46 059
		1997.. N	X	X	136 667
3344160YWY	Electronic coils, transformers, and other inductors, nsk, for administrative-record establishments .....	2002.. N	X	X	61 276
		1997.. N	X	X	82 770
334417	Electronic connector manufacturing .....	2002.. N	X	X	3 840 305
		1997.. N	X	X	5 652 449
3344171	Coaxial (RF) connectors for electronic circuitry .....	2002.. N	X	X	487 894
		1997.. N	X	X	676 224
33441711	Coaxial (RF) connectors for electronic circuitry .....	2002.. N	X	X	487 894
		1997.. N	X	X	676 224
3344171100	Coaxial (RF) connectors for electronic circuitry <sup>44</sup> .....	2002.. 55	X	X	487 894
		1997.. 45	X	X	676 224
3344174	Cylindrical connectors for electronic circuitry .....	2002.. N	X	X	525 616
		1997.. N	X	X	602 702
33441741	Cylindrical connectors for electronic circuitry .....	2002.. N	X	X	525 616
		1997.. N	X	X	602 702
3344174100	Cylindrical connectors for electronic circuitry <sup>44</sup> .....	2002.. 25	X	X	525 616
		1997.. 33	X	X	602 702
3344177	Rack and panel (rectangular) connectors for electronic circuitry .....	2002.. N	X	X	281 953
		1997.. N	X	X	579 598
33441771	Rack and panel (rectangular) connectors for electronic circuitry .....	2002.. N	X	X	281 953
		1997.. N	X	X	579 598
3344177100	Rack and panel (rectangular) connectors for electronic circuitry <sup>44</sup> .....	2002.. 35	X	X	281 953
		1997.. 28	X	X	579 598

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
334417	Electronic connector manufacturing—Con.				
334417A	Printed circuit connectors for electronic circuitry . . . . .	2002.. N	X	X	771 576
		1997.. N	X	X	1 353 679
334417A1	Printed circuit connectors for electronic circuitry . . . . .	2002.. N	X	X	771 576
		1997.. N	X	X	1 353 679
334417A100	Printed circuit connectors for electronic circuitry <sup>44</sup> . . . . .	2002.. 39	X	X	771 576
		1997.. 43	X	X	1 353 679
334417D	Other connectors for electronic circuitry, including parts . . . . .	2002.. N	X	X	1 555 450
		1997.. N	X	X	2 162 527
334417D1	Other connectors for electronic circuitry, including parts . . . . .	2002.. N	X	X	1 555 450
		1997.. N	X	X	2 162 527
334417D100	Other connectors for electronic circuitry, including parts <sup>44</sup> . . . . .	2002.. 98	X	X	1 555 450
		1997.. 103	X	X	2 162 527
334417W	Electronic connector manufacturing, nsk, total . . . . .	2002.. N	X	X	217 816
		1997.. N	X	X	277 719
334417WY	Electronic connector manufacturing, nsk, total . . . . .	2002.. N	X	X	217 816
		1997.. N	X	X	277 719
334417WYWW	Electronic connector manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002.. N	X	X	89 435
		1997.. N	X	X	192 130
334417WYWY	Electronic connector manufacturing, nsk, for administrative-record establishments . . . . .	2002.. N	X	X	128 381
		1997.. N	X	X	85 589
334418	Printed circuit assembly (electronic assembly) manufacturing . . . . .	2002.. N	X	X	22 936 486
		1997.. N	X	X	28 544 444
3344184	External modems, consumer . . . . .	2002.. N	X	X	429 309
		1997.. N	X	X	990 981
33441841	External modems, consumer . . . . .	2002.. N	X	X	429 309
		1997.. N	X	X	990 981
3344184100	External modems, consumer <sup>37</sup> . . . . .	2002.. 36	X	X	429 309
		1997.. 26	X	X	990 981
334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components) . . . . .	2002.. N	X	X	21 279 167
		1997.. N	X	X	N
334418B1	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components) . . . . .	2002.. N	X	X	21 279 167
		1997.. N	X	X	N
334418B100	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components) <sup>44</sup> . . . . .	2002.. 578	X	X	21 279 167
		1997.. N	X	X	N
334418W	Printed circuit assembly (electronic assembly) manufacturing, nsk, total . . . . .	2002.. N	X	X	1 228 010
		1997.. N	X	X	546 586
334418WY	Printed circuit assembly (electronic assembly) manufacturing, nsk, total . . . . .	2002.. N	X	X	1 228 010
		1997.. N	X	X	546 586
334418WYWW	Printed circuit assembly (electronic assembly) manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002.. N	X	X	945 913
		1997.. N	X	X	541 567
334418WYWY	Printed circuit assembly (electronic assembly) manufacturing, nsk, for administrative-record establishments . . . . .	2002.. N	X	X	282 097
		1997.. N	X	X	5 019
334419	Other electronic component manufacturing . . . . .	2002.. N	X	X	10 135 639
		1997.. N	X	X	10 574 874
3344191	Crystals, filters, piezoelectric, and other related electronic devices (except microwave filters) . . . . .	2002.. N	X	X	775 910
		1997.. N	X	X	964 480
33441911	Crystals, filters, piezoelectric, and other related electronic devices (except microwave filters) . . . . .	2002.. N	X	X	775 910
		1997.. N	X	X	964 480
3344191100	Crystals, filters, piezoelectric, and other related electronic devices (except microwave filters) <sup>44</sup> . . . . .	2002.. 123	X	X	775 910
		1997.. 108	X	X	964 480
3344194	All other miscellaneous transducers, including electrical-electronic input/output transducers . . . . .	2002.. N	X	X	1 218 862
		1997.. N	X	X	1 261 240
33441941	All other miscellaneous transducers, including electrical-electronic input/output transducers . . . . .	2002.. N	X	X	1 218 862
		1997.. N	X	X	1 261 240
3344194100	All other miscellaneous transducers, including electrical-electronic input/output transducers <sup>44</sup> . . . . .	2002.. 116	X	X	1 218 862
		1997.. 126	X	X	1 261 240
3344197	Switches, mechanical, for electronic circuitry . . . . .	2002.. N	X	X	861 312
		1997.. N	X	X	822 899
33441971	Switches, mechanical, for electronic circuitry . . . . .	2002.. N	X	X	861 312
		1997.. N	X	X	822 899
3344197100	Switches, mechanical, for electronic circuitry <sup>44</sup> . . . . .	2002.. 74	X	X	861 312
		1997.. 88	X	X	822 899
334419A	Microwave components and devices, except antennae, tubes, and semiconductors . . . . .	2002.. N	X	X	1 574 424
		1997.. N	X	X	N
334419A1	Microwave components and devices, except antennae, tubes, and semiconductors . . . . .	2002.. N	X	X	1 574 424
		1997.. N	X	X	N
334419A100	Microwave components and devices, except antennae, tubes, and semiconductors <sup>44</sup> . . . . .	2002.. 104	X	X	1 574 424
		1997.. N	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
334419	Other electronic component manufacturing—Con.				
334419E	All other miscellaneous electronic components .....	2002.. N	X	X	4 526 037
		1997.. N	X	X	N
334419E1	All other miscellaneous electronic components .....	2002.. N	X	X	4 526 037
		1997.. N	X	X	N
334419E100	All other miscellaneous electronic components <sup>44</sup> .....	2002.. 404	X	X	4 526 037
		1997.. N	X	X	N
334419W	Other electronic component manufacturing, nsk, total .....	2002.. N	X	X	1 179 094
		1997.. N	X	X	1 475 989
334419WY	Other electronic component manufacturing, nsk, total .....	2002.. N	X	X	1 179 094
		1997.. N	X	X	1 475 989
334419WYWW	Other electronic component manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	938 831
		1997.. N	X	X	1 006 691
334419WYWY	Other electronic component manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	240 263
		1997.. N	X	X	469 298
334510	Electromedical and electrotherapeutic apparatus manufacturing .....	2002.. N	X	X	14 962 039
		1997.. N	X	X	10 424 529
3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment) .....	2002.. N	X	X	13 577 423
		1997.. N	X	X	9 414 822
33451011	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment) .....	2002.. N	X	X	13 577 423
		1997.. N	X	X	9 414 822
3345101100	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment) <sup>45</sup> .....	2002.. 288	X	X	13 577 423
		1997.. 245	X	X	9 414 822
3345103	Electronic hearing aids, complete units .....	2002.. N	X	X	878 613
		1997.. N	X	X	585 336
33451031	Electronic hearing aids, complete units .....	2002.. N	X	X	878 613
		1997.. N	X	X	585 336
3345103100	Electronic hearing aids, complete units <sup>45</sup> .....	2002.. 27	X	X	878 613
		1997.. 26	X	X	585 336
334510W	Electromedical and electrotherapeutic apparatus manufacturing, nsk, total .....	2002.. N	X	X	506 003
		1997.. N	X	X	424 371
334510WY	Electromedical and electrotherapeutic apparatus manufacturing, nsk, total .....	2002.. N	X	X	506 003
		1997.. N	X	X	424 371
334510WYWW	Electromedical and electrotherapeutic apparatus manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	351 042
		1997.. N	X	X	276 175
334510WYWY	Electromedical and electrotherapeutic apparatus manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	154 961
		1997.. N	X	X	148 196
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....	2002.. N	X	X	30 291 288
		1997.. N	X	X	29 806 887
3345111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments) .....	2002.. N	X	X	2 719 439
		1997.. N	X	X	2 651 069
33451111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments) .....	2002.. N	X	X	2 719 439
		1997.. N	X	X	2 651 069
3345111100	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments) <sup>50</sup> .....	2002.. 105	X	X	2 719 439
		1997.. 116	X	X	2 651 069
3345113	Search, detection, navigation, and guidance systems and equipment .....	2002.. N	X	X	26 787 072
		1997.. N	X	X	26 748 331
33451131	Search, detection, navigation, and guidance systems and equipment .....	2002.. N	X	X	26 787 072
		1997.. N	X	X	26 748 331
3345113100	Search, detection, navigation, and guidance systems and equipment <sup>50</sup> .....	2002.. 149	X	X	26 787 072
		1997.. 213	X	X	26 748 331
334511W	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing, nsk, total .....	2002.. N	X	X	784 777
		1997.. N	X	X	407 487
334511WY	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing, nsk, total .....	2002.. N	X	X	784 777
		1997.. N	X	X	407 487
334511WYWW	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	578 125
		1997.. N	X	X	222 085
334511WYWY	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing, nsk for administrative-record establishments .....	2002.. N	X	X	206 652
		1997.. N	X	X	185 402
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use .....	2002.. N	X	X	2 505 684
		1997.. N	X	X	2 935 423
3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use .....	2002.. N	X	X	2 505 684

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use—Con.					
3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use—Con.					
		1997..	N	X	X	2 935 423
33451201	Automatic environmental controls for monitoring residential, commercial, and appliance use .....	2002..	N	X	X	2 290 684
		1997..	N	X	X	2 781 064
3345120100	Automatic environmental controls for monitoring residential, commercial, and appliance use <sup>30</sup> .....	2002..	144	X	X	2 290 684
		1997..	188	X	X	2 781 064
3345120Y	Automatic environmental controls for monitoring residential, commercial, and appliance use, nsk, total .....	2002..	N	X	X	215 000
		1997..	N	X	X	154 359
3345120YWW	Automatic environmental controls for monitoring residential, commercial, and appliance use, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	135 792
		1997..	N	X	X	78 602
3345120YWY	Automatic environmental controls for monitoring residential, commercial, and appliance use, nsk, for administrative-record establishments .....	2002..	N	X	X	79 208
		1997..	N	X	X	75 757
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables .....	2002..	N	X	X	6 778 451
		1997..	N	X	X	7 234 887
3345130	Process control instruments .....	2002..	N	X	X	6 778 451
		1997..	N	X	X	7 234 887
33451301	Process control instruments .....	2002..	N	X	X	6 089 976
		1997..	N	X	X	6 581 435
3345130100	Process control instruments <sup>30</sup> .....	2002..	456	X	X	6 089 976
		1997..	512	X	X	6 581 435
3345130Y	Process control instruments, nsk, total .....	2002..	N	X	X	688 475
		1997..	N	X	X	653 452
3345130YWW	Process control instruments, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	460 007
		1997..	N	X	X	367 470
3345130YWY	Process control instruments, nsk, for administrative-record establishments .....	2002..	N	X	X	228 468
		1997..	N	X	X	285 982
334514	Totalizing fluid meter and counting device manufacturing .....	2002..	N	X	X	5 237 782
		1997..	N	X	X	4 064 209
3345141	Integrating and totalizing meters for gas and liquids .....	2002..	N	X	X	1 421 203
		1997..	N	X	X	1 185 328
33451411	Integrating and totalizing meters for gas and liquids .....	2002..	N	X	X	1 421 203
		1997..	N	X	X	1 185 328
3345141100	Integrating and totalizing meters for gas and liquids <sup>30</sup> .....	2002..	75	X	X	1 421 203
		1997..	77	X	X	1 185 328
3345143	Counting devices, excluding motor vehicle instruments .....	2002..	N	X	X	466 265
		1997..	N	X	X	407 153
33451431	Counting devices, excluding motor vehicle instruments .....	2002..	N	X	X	466 265
		1997..	N	X	X	407 153
3345143100	Counting devices, excluding motor vehicle instruments <sup>30</sup> .....	2002..	33	X	X	466 265
		1997..	36	X	X	407 153
3345145	Motor vehicle instruments .....	2002..	N	X	X	3 106 983
		1997..	N	X	X	2 300 471
33451451	Motor vehicle instruments .....	2002..	N	X	X	3 106 983
		1997..	N	X	X	2 300 471
3345145100	Motor vehicle instruments <sup>30</sup> .....	2002..	42	X	X	3 106 983
		1997..	37	X	X	2 300 471
334514W	Totalizing fluid meter and counting device manufacturing, nsk, total .....	2002..	N	X	X	243 331
		1997..	N	X	X	171 257
334514WY	Totalizing fluid meter and counting device manufacturing, nsk, total .....	2002..	N	X	X	243 331
		1997..	N	X	X	171 257
334514WYWW	Totalizing fluid meter and counting device manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	138 007
		1997..	N	X	X	90 588
334514WYWY	Totalizing fluid meter and counting device manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	105 324
		1997..	N	X	X	80 669
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	2002..	N	X	X	9 490 633
		1997..	N	X	X	13 033 372
3345151	Electrical integrating instruments .....	2002..	N	X	X	665 297
		1997..	N	X	X	484 671
33451511	Electrical integrating instruments .....	2002..	N	X	X	665 297
		1997..	N	X	X	484 671
3345151100	Electrical integrating instruments <sup>30</sup> .....	2002..	41	X	X	665 297
		1997..	36	X	X	484 671
3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers) .....	2002..	N	X	X	7 794 502
		1997..	N	X	X	11 253 180
33451531	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers) .....	2002..	N	X	X	7 794 502
		1997..	N	X	X	11 253 180
3345153100	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers) <sup>30</sup> .....	2002..	257	X	X	7 794 502
		1997..	324	X	X	11 253 180

See footnotes at end of table.



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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
334515	Instrument manufacturing for measuring and testing electricity and electrical signals—Con.				
3345155	Other instruments to measure electricity .....	2002.. N	X	X	374 339
		1997.. N	X	X	486 394
33451551	Other instruments to measure electricity .....	2002.. N	X	X	374 339
		1997.. N	X	X	486 394
3345155100	Other instruments to measure electricity <sup>30</sup> .....	2002.. 62	X	X	374 339
		1997.. 82	X	X	486 394
334515W	Instrument manufacturing for measuring and testing electricity and electrical signals, nsk, total .....	2002.. N	X	X	656 495
		1997.. N	X	X	809 127
334515WY	Instrument manufacturing for measuring and testing electricity and electrical signals, nsk, total .....	2002.. N	X	X	656 495
		1997.. N	X	X	809 127
334515WYWW	Instrument manufacturing for measuring and testing electricity and electrical signals, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	366 127
		1997.. N	X	X	617 807
334515WYWY	Instrument manufacturing for measuring and testing electricity and electrical signals, nsk, for administrative-record establishments .....	2002.. N	X	X	290 368
		1997.. N	X	X	191 320
334516	Analytical laboratory instrument manufacturing .....	2002.. N	X	X	7 130 058
		1997.. N	X	X	6 140 026
3345160	Analytical and scientific instruments, except optical .....	2002.. N	X	X	7 130 058
		1997.. N	X	X	6 140 026
33451601	Analytical and scientific instruments, except optical .....	2002.. N	X	X	6 823 143
		1997.. N	X	X	5 821 114
3345160100	Analytical and scientific instruments, except optical <sup>30</sup> .....	2002.. 249	X	X	6 823 143
		1997.. 341	X	X	5 821 114
3345160Y	Analytical and scientific instruments, except optical, nsk, total .....	2002.. N	X	X	306 915
		1997.. N	X	X	318 912
3345160YWW	Analytical and scientific instruments, except optical, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	117 173
		1997.. N	X	X	165 499
3345160YWY	Analytical and scientific instruments, except optical, nsk, for administrative-record establishments .....	2002.. N	X	X	189 742
		1997.. N	X	X	153 413
334517	Irradiation apparatus manufacturing .....	2002.. N	X	X	4 512 657
		1997.. N	X	X	3 393 643
3345170	Irradiation (ionizing radiation) equipment .....	2002.. N	X	X	4 512 657
		1997.. N	X	X	3 393 643
33451701	Irradiation (ionizing radiation) equipment (including nuclear and X-, beta, and gamma rays) .....	2002.. N	X	X	4 326 248
		1997.. N	X	X	3 286 262
3345170100	Irradiation (ionizing radiation) equipment (including nuclear and X-, beta, and gamma rays) <sup>45</sup> .....	2002.. 91	X	X	4 326 248
		1997.. 74	X	X	3 286 262
3345170Y	Irradiation (ionizing radiation) equipment, nsk, total .....	2002.. N	X	X	186 409
		1997.. N	X	X	107 381
3345170YWW	Irradiation (ionizing radiation) equipment, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	105 497
		1997.. N	X	X	43 037
3345170YWY	Irradiation (ionizing radiation) equipment, nsk, for administrative-record establishments .....	2002.. N	X	X	80 912
		1997.. N	X	X	64 344
334518	Watch, clock, and part manufacturing .....	2002.. N	X	X	618 512
		1997.. N	X	X	751 060
3345182	Watches, watchcases, movements, and modules (including watch parts) .....	2002.. N	X	X	99 646
		1997.. N	X	X	N
33451821	Watches, watchcases, movements, and modules (including watch parts) .....	2002.. N	X	X	99 646
		1997.. N	X	X	N
3345182101	Watches .....	2002.. 13	X	X	34 373
		1997.. N	X	X	N
3345182106	Watchcases, movements and modules (including watch parts) .....	2002.. 5	X	X	9 098
		1997.. N	X	X	N
3345182108	Lapidary work, including cutting, engraving, and polishing precious stones (including diamonds), semiprecious stones, natural pearls, and cultured pearls, for use as watch jewels .....	2002.. 9	X	X	56 175
		1997.. N	X	X	N
3345182Y	Watches, watchcases, movements, and modules (including watch parts), nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
3345182YWY	Watches, watchcases, movements, and modules (including watch parts), nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
3345184	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts) .....	2002.. N	X	X	501 975
		1997.. N	X	X	N
33451841	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts) .....	2002.. N	X	X	501 961
		1997.. N	X	X	N
3345184101	Alarm clocks, excluding clock timers and timing mechanisms .....	2002.. 4	X	X	46 556
		1997.. N	X	X	N
3345184106	Household wall clocks, excluding alarm clocks .....	2002.. 12	X	X	31 253
		1997.. N	X	X	N

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
334518	Watch, clock, and part manufacturing—Con.				
3345184	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts)—Con.				
33451841	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts)—Con.				
3345184111	All other household clocks (including chime and strike, desk, mantel, etc.), excluding alarm clocks .....	2002.. 14	X	X	105 784
		1997.. N	X	X	N
3345184116	Other complete clocks, excluding alarm clocks .....	2002.. 14	X	X	22 876
		1997.. N	X	X	N
3345184121	Household timing mechanisms, excluding time recording and time stamp machines .....	2002.. 1	X	X	D
		1997.. N	X	X	N
3345184126	Commercial timing mechanisms, excluding time recording and time stamp machines .....	2002.. 6	X	X	D
		1997.. N	X	X	N
3345184131	Time recording and time stamp machines and devices .....	2002.. 9	X	X	213 800
		1997.. N	X	X	N
3345184136	Other timing mechanisms (including military), excluding time recording and time stamp machines .....	2002.. —	X	X	D
		1997.. N	X	X	N
3345184141	Timers and switch clocks with clock or watch movements or modules having dials or displays for telling time of day .....	2002.. 10	X	X	15 653
		1997.. N	X	X	N
3345184146	Clock movements and modules, complete .....	2002.. 4	X	X	13 042
		1997.. N	X	X	N
3345184147	Chronometers .....	2002.. 7	X	X	14 815
		1997.. N	X	X	N
3345184151	Other clock parts (except timing motors), clock and watch springs, and parts and attachments for time recording and time stamp devices .....	2002.. 3	X	X	3 933
		1997.. N	X	X	N
3345184Y	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts), nsk .....	2002.. N	X	X	14
		1997.. N	X	X	N
3345184YVW	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts), nsk .....	2002.. N	X	X	14
		1997.. N	X	X	N
334518W	Watch, clock, and part manufacturing, nsk, total .....	2002.. N	X	X	16 891
		1997.. N	X	X	36 206
334518WY	Watch, clock, and part manufacturing, nsk, total .....	2002.. N	X	X	16 891
		1997.. N	X	X	36 206
334518WYWW	Watch, clock, and part manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	3 496
		1997.. N	X	X	16 214
334518WYWY	Watch, clock, and part manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	13 395
		1997.. N	X	X	19 992
334519	Other measuring and controlling device manufacturing .....	2002.. N	X	X	5 224 883
		1997.. N	X	X	5 004 377
3345192	Aircraft engine instruments, except flight .....	2002.. N	X	X	877 026
		1997.. N	X	X	N
33451921	Aircraft engine instruments, except flight .....	2002.. N	X	X	877 026
		1997.. N	X	X	N
3345192100	Aircraft engine instruments, except flight <sup>30</sup> .....	2002.. 42	X	X	877 026
		1997.. N	X	X	N
3345194	Physical properties testing and inspection equipment and kinematic testing and measuring equipment .....	2002.. N	X	X	1 736 386
		1997.. N	X	X	N
33451941	Physical properties testing and inspection equipment and kinematic testing and measuring equipment .....	2002.. N	X	X	1 736 386
		1997.. N	X	X	N
3345194100	Physical properties testing and inspection equipment and kinematic testing and measuring equipment <sup>30</sup> .....	2002.. 223	X	X	1 736 386
		1997.. N	X	X	N
3345195	Nuclear radiation detection and monitoring instruments .....	2002.. N	X	X	537 392
		1997.. N	X	X	502 142
33451951	Nuclear radiation detection and monitoring instruments .....	2002.. N	X	X	537 392
		1997.. N	X	X	502 142
3345195100	Nuclear radiation detection and monitoring instruments <sup>30</sup> .....	2002.. 44	X	X	537 392
		1997.. 42	X	X	502 142
3345197	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers .....	2002.. N	X	X	1 416 410
		1997.. N	X	X	1 543 851
33451971	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers .....	2002.. N	X	X	1 416 410
		1997.. N	X	X	1 543 851
3345197100	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers <sup>30</sup> .....	2002.. 149	X	X	1 416 410
		1997.. 187	X	X	1 543 851
3345199	Survey and drafting instruments and apparatus, including photogrammetric equipment .....	2002.. N	X	X	237 744
		1997.. N	X	X	344 853
33451991	Survey and drafting instruments and apparatus, including photogrammetric equipment .....	2002.. N	X	X	237 744
		1997.. N	X	X	344 853
3345199100	Survey and drafting instruments and apparatus, including photogrammetric equipment <sup>30</sup> .....	2002.. 22	X	X	237 744
		1997.. 27	X	X	344 853

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
334519	Other measuring and controlling device manufacturing—Con.				
334519W	Other measuring and controlling device manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	419 925 524 719
334519WY	Other measuring and controlling device manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	419 925 524 719
334519WYWW	Other measuring and controlling device manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	301 243 415 462
334519WYWY	Other measuring and controlling device manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	118 682 109 257
334611	Software reproducing	2002.. N 1997.. N	X X	X X	636 073 1 350 212
3346110	Software reproducing	2002.. N 1997.. N	X X	X X	636 073 1 350 212
33461101	Software reproducing	2002.. N 1997.. N	X X	X X	525 028 1 216 286
3346110100	Software reproducing	2002.. 83 1997.. 74	X X	X X	525 028 1 216 286
3346110Y	Software reproducing, nsk, total	2002.. N 1997.. N	X X	X X	111 045 133 926
3346110YWW	Software reproducing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	51 987 116 630
3346110YWY	Software reproducing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	59 058 17 296
334612	Prerecorded compact disc (except software), tape, and record reproducing	2002.. N 1997.. N	X X	X X	4 248 930 3 702 377
3346120	Reproduction of recording media	2002.. N 1997.. N	X X	X X	4 248 930 3 702 377
33461201	Audio discs, records, and compact discs (CD), full-length	2002.. N 1997.. N	X X	X X	1 254 070 1 217 958
3346120101	Audio discs, records, and compact discs (CD), full-length	2002.. 80 1997.. 56	X X	X X	1 254 070 1 217 958
33461202	Audio tapes, cassette full-length	2002.. N 1997.. N	X X	X X	199 266 355 721
3346120201	Audio tapes, cassette full-length	2002.. 43 1997.. 60	X X	X X	199 266 355 721
33461203	Reproduction of video recording media	2002.. N 1997.. N	X X	X X	1 968 205 1 483 641
3346120301	Video discs, including laser	2002.. 35 1997.. 8	X X	X X	868 979 69 108
3346120303	Video tapes	2002.. 51 1997.. 108	X X	X X	1 099 226 1 414 533
33461205	All other reproduction of recording media	2002.. N 1997.. N	X X	X X	142 924 218 314
3346120501	Audio discs and records vinyl singles, including 7 and 12 inch	2002.. 12 1997.. 11	X X	X X	34 600 24 995
3346120504	Audio discs and records long playing (LP), excluding digitally mastered records for consumer use	2002.. 7 1997.. 9	X X	X X	D 20 914
3346120507	Audio discs and records compact disc (CD) singles-maxisingles	2002.. 19 1997.. 14	X X	X X	42 795 34 324
3346120511	Other audio discs or records, including digitally mastered records for consumer use, and master records used to press commercial records	2002.. 6 1997.. 14	X X	X X	D 85 888
3346120514	Audio tapes, cassette singles-maxisingles	2002.. 2 1997.. 20	X X	X X	D 46 761
3346120517	Other audio tapes, including 8-track and DAT	2002.. 3 1997.. 5	X X	X X	D 5 432
3346120Y	Reproduction of recording media, nsk, total	2002.. N 1997.. N	X X	X X	684 465 426 743
3346120YWW	Reproduction of recording media, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	497 107 367 226
3346120YWY	Reproduction of recording media, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	187 358 59 517
334613	Magnetic and optical recording media manufacturing	2002.. N 1997.. N	X X	X X	2 564 267 5 913 679
3346130	Magnetic and optical recording media	2002.. N 1997.. N	X X	X X	2 564 267 5 913 679
33461301	Magnetic and optical recording media, unrecorded disks	2002.. N 1997.. N	X X	X X	174 671 1 360 492
3346130110	Magnetic and optical recording media, unrecorded disks <sup>36</sup>	2002.. 16 1997.. 23	X X	X X	174 671 1 360 492
33461304	Magnetic and optical recording media, unrecorded tapes, including reels, cassettes, cartridges, and video	2002.. N 1997.. N	X X	X X	1 652 913 2 444 423
3346130410	Magnetic and optical recording media, unrecorded tapes, including reels, cassettes, cartridges, and video <sup>36</sup>	2002.. 23 1997.. 24	X X	X X	1 652 913 2 444 423
33461306	All other magnetic and optical recording media, unrecorded	2002.. N 1997.. N	X X	X X	538 240 1 493 689
3346130610	All other magnetic and optical recording media, unrecorded <sup>36</sup>	2002.. 33 1997.. 17	X X	X X	538 240 1 493 689

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
334613	Magnetic and optical recording media manufacturing—Con.				
3346130	Magnetic and optical recording media—Con.				
3346130Y	Magnetic and optical recording media, nsk, total	2002.. N	X	X	198 443
		1997.. N	X	X	615 075
3346130YWW	Magnetic and optical recording media, nsk, for nonadministrative-record establishments	2002.. N	X	X	84 470
		1997.. N	X	X	463 645
3346130YWY	Magnetic and optical recording media, nsk, for administrative-record establishments	2002.. N	X	X	113 973
		1997.. N	X	X	151 430
335110	Electric lamp bulb and part manufacturing	2002.. N	X	X	2 483 905
		1997.. N	X	X	3 166 277
3351101	Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	2002.. N	X	X	2 155 760
		1997.. N	X	X	2 868 070
33511011	Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	2002.. N	X	X	2 155 760
		1997.. N	X	X	2 868 070
3351101100	Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	2002.. 53	X	X	2 155 760
		1997.. 51	X	X	2 868 070
3351103	Electric lamp (bulbs and tubes) components (including bases, supports, lead-ins, filaments, etc.), except lamp bulb blanks	2002.. N	X	X	319 360
		1997.. N	X	X	294 136
33511031	Electric lamp (bulbs and tubes) components (including bases, supports, lead-ins, filaments, etc.), except lamp bulb blanks	2002.. N	X	X	319 360
		1997.. N	X	X	294 136
3351103100	Electric lamp (bulbs and tubes) components (including bases, supports, lead-ins, filaments, etc.), except lamp bulb blanks	2002.. 19	X	X	319 360
		1997.. 15	X	X	294 136
335110W	Electric lamp bulb and part manufacturing, nsk, total	2002.. N	X	X	8 785
		1997.. N	X	X	4 071
335110WY	Electric lamp bulb and part manufacturing, nsk, total	2002.. N	X	X	8 785
		1997.. N	X	X	4 071
335110WYWW	Electric lamp bulb and part manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	8 785
		1997.. N	X	X	4 071
335110WYWY	Electric lamp bulb and part manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	—
		1997.. N	X	X	—
335121	Residential electric lighting fixture manufacturing	2002.. N	X	X	1 944 915
		1997.. N	X	X	2 004 211
3351211	Residential-type electric lighting fixtures (except portable), including parts and accessories	2002.. N	X	X	1 251 934
		1997.. N	X	X	1 182 877
33512111	Residential-type electric lighting fixtures (except portable), including parts and accessories	2002.. N	X	X	1 251 934
		1997.. N	X	X	1 182 877
3351211100	Residential-type electric lighting fixtures (except portable), including parts and accessories	2002.. 135	X	X	1 251 934
		1997.. 143	X	X	1 182 877
3351214	Residential-type portable lighting fixtures, including parts and accessories	2002.. N	X	X	623 196
		1997.. N	X	X	N
33512141	Residential-type portable lighting fixtures, including parts and accessories	2002.. N	X	X	623 196
		1997.. N	X	X	N
3351214111	Residential-type incandescent portable floor lamps, complete with shade	2002.. 71	X	X	231 159
		1997.. N	X	X	N
3351214121	Residential-type incandescent portable wall lamps (including adjustable types), complete with shade	2002.. 42	X	X	57 353
		1997.. N	X	X	N
3351214131	Residential-type incandescent portable table lamps (excluding desk lamps), complete with shade	2002.. 71	X	X	165 261
		1997.. N	X	X	N
3351214141	Other residential-type incandescent portable lamps (including desk and boudoir lamps), complete with shade	2002.. 42	X	X	91 413
		1997.. N	X	X	N
3351214151	Residential-type incandescent portable lamps sold without shades	2002.. 15	X	X	20 655
		1997.. N	X	X	N
3351214161	Residential-type fluorescent portable lamps	2002.. 6	X	X	5 313
		1997.. N	X	X	N
3351214165	Paper or textile lamp shades	2002.. 25	X	X	41 886
		1997.. N	X	X	N
3351214171	Parts and accessories for residential-type portable lighting fixtures	2002.. 11	X	X	10 156
		1997.. N	X	X	N
3351214Y	Residential-type portable lighting fixtures, including parts and accessories, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
3351214YWW	Residential-type portable lighting fixtures, including parts and accessories, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
335121W	Residential electric lighting fixture manufacturing, nsk, total	2002.. N	X	X	69 785
		1997.. N	X	X	118 116
335121WY	Residential electric lighting fixture manufacturing, nsk, total	2002.. N	X	X	69 785
		1997.. N	X	X	118 116
335121WYWW	Residential electric lighting fixture manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	17 624
		1997.. N	X	X	60 884
335121WYWY	Residential electric lighting fixture manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	52 161

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
335121	Residential electric lighting fixture manufacturing—Con.					
335121W	Residential electric lighting fixture manufacturing, nsk, total—Con.					
335121WY	Residential electric lighting fixture manufacturing, nsk, total—Con.					
335121WYWY	Residential electric lighting fixture manufacturing, nsk, for administrative-record establishments—Con.	1997..	N	X	X	57 232
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing .....	2002..	N	X	X	3 895 005
		1997..	N	X	X	4 252 066
3351221	Commercial and institutional-type electric lighting fixtures, including parts and accessories .....	2002..	N	X	X	2 640 366
		1997..	N	X	X	3 295 582
33512211	Commercial and institutional-type electric lighting fixtures, including parts and accessories .....	2002..	N	X	X	2 640 366
		1997..	N	X	X	3 295 582
3351221100	Commercial and institutional-type electric lighting fixtures, including parts and accessories .....	2002..	189	X	X	2 640 366
		1997..	211	X	X	3 295 582
3351222	Industrial-type electric lighting fixtures, including parts and accessories .....	2002..	N	X	X	1 132 034
		1997..	N	X	X	788 249
33512221	Industrial-type electric lighting fixtures, including parts and accessories .....	2002..	N	X	X	1 132 034
		1997..	N	X	X	788 249
3351222100	Industrial-type electric lighting fixtures, including parts and accessories .....	2002..	78	X	X	1 132 034
		1997..	75	X	X	788 249
335122W	Commercial, industrial, and institutional electric lighting fixture manufacturing, nsk, total .....	2002..	N	X	X	122 605
		1997..	N	X	X	168 235
335122WY	Commercial, industrial, and institutional electric lighting fixture manufacturing, nsk, total .....	2002..	N	X	X	122 605
		1997..	N	X	X	168 235
335122WYWW	Commercial, industrial, and institutional electric lighting fixture manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	40 012
		1997..	N	X	X	62 028
335122WYWY	Commercial, industrial, and institutional electric lighting fixture manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	82 593
		1997..	N	X	X	106 207
335129	Other lighting equipment manufacturing .....	2002..	N	X	X	3 508 838
		1997..	N	X	X	2 882 575
3351291	Outdoor lighting equipment (including parts and accessories) .....	2002..	N	X	X	1 885 794
		1997..	N	X	X	1 691 291
33512911	Outdoor lighting equipment (including parts and accessories) .....	2002..	N	X	X	1 885 794
		1997..	N	X	X	1 691 291
3351291100	Outdoor lighting equipment (including parts and accessories) .....	2002..	107	X	X	1 885 794
		1997..	95	X	X	1 691 291
3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories .....	2002..	N	X	X	1 555 007
		1997..	N	X	X	N
33512941	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories .....	2002..	N	X	X	1 551 622
		1997..	N	X	X	N
3351294109	Rechargeable battery-operated incandescent hand portable lighting equipment, excluding parts and accessories .....	2002..	13	X	X	162 399
		1997..	N	X	X	N
3351294112	Incandescent hand portable flashlights and flashlight lanterns, except rechargeable battery-operated .....	2002..	25	X	X	380 274
		1997..	N	X	X	N
3351294114	Other incandescent hand portable lighting equipment (including miners' lights, emergency warning lights, generator flashlights, etc.), except rechargeable battery-operated .....	2002..	27	X	X	112 195
		1997..	N	X	X	N
3351294116	Other incandescent electric lighting equipment (including marine markers and beacons) .....	2002..	24	X	X	122 108
		1997..	N	X	X	N
3351294118	Other fluorescent lighting equipment, complete units, including processing and technical equipment .....	2002..	23	X	X	101 562
		1997..	N	X	X	N
3351294122	Other electric lighting equipment (including mercury and sodium vapor, and ultraviolet and infrared health lamp fixtures), except street and highway lighting equipment and signs .....	2002..	30	X	X	186 645
		1997..	N	X	X	N
3351294123	Electric fireplace logs .....	2002..	10	X	X	D
		1997..	N	X	X	N
3351294124	Parts and accessories for all other miscellaneous electric lighting fixtures .....	2002..	26	X	X	134 635
		1997..	N	X	X	N
3351294125	Electric trouble lighting equipment .....	2002..	8	X	X	235 946
		1997..	N	X	X	N
3351294126	Nonelectric lighting fixtures and equipment, complete units (including lamps and lanterns using kerosene, gasoline, propane, butane, etc., and carbide lamps of all types) .....	2002..	14	X	X	33 609
		1997..	N	X	X	N
3351294127	Electric insect killers .....	2002..	6	X	X	14 822
		1997..	N	X	X	N
3351294129	Electric insect repellent lamps .....	2002..	2	X	X	D
		1997..	N	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335129	Other lighting equipment manufacturing—Con.				
3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories—Con.				
33512941	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories—Con.				
3351294131	Parts and accessories for nonelectric lighting equipment (including reflectors and fittings, incandescent mantles, etc.)	2002.. 21 1997.. N	X X	X X	48 497 N
3351294Y	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories, nsk	2002.. N 1997.. N	X X	X X	3 385 N
3351294YV	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories, nsk	2002.. N 1997.. N	X X	X X	3 385 N
335129W	Other lighting equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	68 037 125 330
335129WY	Other lighting equipment manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	68 037 125 330
335129WYWW	Other lighting equipment manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	7 376 54 055
335129WYWY	Other lighting equipment manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	60 661 71 275
335211	Electric housewares and household fan manufacturing	2002.. N 1997.. N	X X	X X	2 103 830 2 640 941
3352111	Electric fans, except industrial type	2002.. N 1997.. N	X X	X X	614 029 874 427
33521111	Electric fans, except industrial type	2002.. N 1997.. N	X X	X X	614 029 874 427
3352111100	Electric fans, except industrial type <sup>38</sup>	2002.. 21 1997.. 18	X X	X X	614 029 874 427
3352114	Small electric household appliances, except fans and wall and baseboard heating units for permanent installation	2002.. N 1997.. N	X X	X X	1 309 978 N
33521141	Small electric household appliances, except fans and wall and baseboard heating units for permanent installation	2002.. N 1997.. N	X X	X X	1 309 978 N
3352114100	Small electric household appliances, except fans and wall and baseboard heating units for permanent installation	2002.. 43 1997.. N	X X	X X	1 309 978 N
3352115	Parts and attachments for small household electric appliances	2002.. N 1997.. N	X X	X X	70 880 120 636
33521151	Parts and attachments for small household electric appliances	2002.. N 1997.. N	X X	X X	70 880 120 636
3352115110	Parts for household electric fans	2002.. 5 1997.. 2	X X	X X	4 490 D
3352115190	Parts for other small household electric appliances <sup>38</sup>	2002.. 12 1997.. 14	X X	X X	66 390 D
3352115Y	Parts and attachments for small household electric appliances, nsk	2002.. N 1997.. N	X X	X X	— —
3352115YV	Parts and attachments for small household electric appliances, nsk	2002.. N 1997.. N	X X	X X	— —
335211W	Electric housewares and household fan manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	108 943 138 799
335211WY	Electric housewares and household fan manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	108 943 138 799
335211WYWW	Electric housewares and household fan manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	98 679 110 464
335211WYWY	Electric housewares and household fan manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	10 264 28 335
335212	Household vacuum cleaner manufacturing	2002.. N 1997.. N	X X	X X	1 857 630 2 313 782
3352121	Household vacuum cleaners, upright-stick type, including parts	2002.. N 1997.. N	X X	X X	D D
33521211	Household vacuum cleaners, upright-stick type, including parts	2002.. N 1997.. N	X X	X X	D D
3352121101	Household vacuum cleaners, complete power units, central system type	2002.. 9 1997.. 9	X X	X X	322 812 174 927
3352121103	Household vacuum cleaners, hand type	2002.. 2 1997.. 5	X X	X X	D 95 602
3352121105	Household vacuum cleaners, upright-stick type	2002.. 7 1997.. 6	X X	X X	1 052 423 1 030 321
3352121107	Other household vacuum cleaners, general purpose types, including utility and canister tank types	2002.. 5 1997.. 10	X X	X X	193 943 574 188
3352121111	Attachments and cleaning tools for household vacuum cleaners, including central system attachments	2002.. 9 1997.. 8	X X	X X	D 111 251
3352121113	Parts for household type vacuum cleaners, including central system parts	2002.. 5	X	X	121 627

See footnotes at end of table.

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[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
335212	Household vacuum cleaner manufacturing—Con.					
3352121	Household vacuum cleaners, upright-stick type, including parts—Con.					
33521211	Household vacuum cleaners, upright-stick type, including parts—Con.					
3352121113	Parts for household type vacuum cleaners, including central system parts—Con.					
		1997..	11	X	X	D
3352121Y	Household vacuum cleaners, upright-stick type, including parts, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
3352121YVV	Household vacuum cleaners, upright-stick type, including parts, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
3352122	Floor waxing and floor polishing machines and parts .....	2002..	N	X	X	D
		1997..	N	X	X	D
33521222	Floor waxing and floor polishing machines and parts .....	2002..	N	X	X	D
		1997..	N	X	X	D
3352122211	Parts for floor waxing and floor polishing machines <sup>46</sup> .....	2002..	1	X	X	D
		1997..	—	X	X	—
3352122219	Floor waxing and floor polishing machines <sup>46</sup> .....	2002..	1	X	X	D
		1997..	3	X	X	D
3352122Y	Floor waxing and floor polishing machines and parts, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
3352122YVV	Floor waxing and floor polishing machines and parts, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
335212W	Household vacuum cleaner manufacturing, nsk, total .....	2002..	N	X	X	55 001
		1997..	N	X	X	D
335212WY	Household vacuum cleaner manufacturing, nsk, total .....	2002..	N	X	X	55 001
		1997..	N	X	X	D
335212WYWW	Household vacuum cleaner manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	51 702
		1997..	N	X	X	D
335212WYWY	Household vacuum cleaner manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	3 299
		1997..	N	X	X	—
335221	Household cooking appliance manufacturing .....	2002..	N	X	X	4 129 322
		1997..	N	X	X	3 632 666
3352211	Electric (including microwave) household ranges, ovens, surface cooking units, and equipment .....	2002..	N	X	X	1 927 586
		1997..	N	X	X	1 829 108
33522111	Electric (including microwave) household ranges, ovens, surface cooking units, and equipment .....	2002..	N	X	X	1 825 795
		1997..	N	X	X	1 747 638
3352211110	Electric (including microwave) household ranges, ovens, surface cooking units, and equipment <sup>46</sup> .....	2002..	15	X	X	1 825 795
		1997..	22	X	X	1 747 638
33522112	Parts and accessories for electric household ranges and ovens (including burners, rotisseries, oven racks, broiler pans, etc.) (sold separately) .....	2002..	N	X	X	101 791
		1997..	N	X	X	81 470
3352211290	Parts and accessories for electric household ranges and ovens (including burners, rotisseries, oven racks, broiler pans, etc.) (sold separately) <sup>46</sup> .....	2002..	12	X	X	101 791
		1997..	14	X	X	81 470
3352211Y	Electric (including microwave) household ranges, ovens, surface cooking units, and equipment, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
3352211YVV	Electric (including microwave) household ranges, ovens, surface cooking units, and equipment, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
3352213	Gas household ranges, ovens, surface cooking units, and equipment (including parts and accessories) .....	2002..	N	X	X	997 912
		1997..	N	X	X	868 329
33522131	Gas household ranges, ovens, surface cooking units, and equipment (including parts and accessories) .....	2002..	N	X	X	997 912
		1997..	N	X	X	868 329
3352213110	Gas household ranges, ovens, surface cooking units, and equipment <sup>46</sup> .....	2002..	12	X	X	951 968
		1997..	17	X	X	836 145
3352213190	Parts and accessories for gas household ranges and ovens (including burners, rotisseries, oven racks, broilers pans, etc.) <sup>46</sup> .....	2002..	10	X	X	45 944
		1997..	11	X	X	32 184
3352213Y	Gas household ranges, ovens, surface cooking units, and equipment (including parts and accessories), nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
3352213YVV	Gas household ranges, ovens, surface cooking units, and equipment (including parts and accessories), nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
3352215	Other household ranges and cooking equipment .....	2002..	N	X	X	1 172 107
		1997..	N	X	X	924 725
33522151	Other household ranges and cooking equipment .....	2002..	N	X	X	1 167 476
		1997..	N	X	X	924 725
3352215110	Other household ranges and cooking equipment (except gas and electric), including outdoor cooking equipment <sup>46</sup> .....	2002..	35	X	X	1 126 169
		1997..	39	X	X	774 861
3352215190	Parts and accessories for outdoor and other cooking equipment (sold separately) <sup>46</sup> .....	2002..	13	X	X	41 307
		1997..	19	X	X	149 864
3352215Y	Other household ranges and cooking equipment, nsk .....	2002..	N	X	X	4 631
		1997..	N	X	X	—
3352215YVV	Other household ranges and cooking equipment, nsk .....	2002..	N	X	X	4 631
		1997..	N	X	X	—
335221W	Household cooking appliance manufacturing, nsk, total .....	2002..	N	X	X	31 717

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335221	Household cooking appliance manufacturing—Con.				
335221W	Household cooking appliance manufacturing, nsk, total—Con.				
		1997..	N	X	X
		2002..	N	X	X
		1997..	N	X	X
335221WY	Household cooking appliance manufacturing, nsk, total				
		2002..	N	X	X
		1997..	N	X	X
335221WYWW	Household cooking appliance manufacturing, nsk, for nonadministrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
335221WYWY	Household cooking appliance manufacturing, nsk, for administrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
335222	Household refrigerator and home freezer manufacturing				
		2002..	N	X	X
		1997..	N	X	X
3352221	Household refrigerators, including combination refrigerator-freezers				
		2002..	N	X	X
		1997..	N	X	X
33522211	Household refrigerators, including combination refrigerator-freezers				
		2002..	N	X	X
		1997..	N	X	X
3352221100	Household refrigerators, including combination refrigerator-freezers <sup>46</sup>				
		2002..	13	X	X
		1997..	19	X	X
3352222	Household food freezers, complete units				
		2002..	N	X	X
		1997..	N	X	X
33522221	Household food freezers, complete units				
		2002..	N	X	X
		1997..	N	X	X
3352222100	Household food freezers, complete units <sup>46</sup>				
		2002..	6	X	X
		1997..	7	X	X
3352223	Parts and attachments for household refrigerators and freezers				
		2002..	N	X	X
		1997..	N	X	X
33522231	Parts and attachments for household refrigerators and freezers				
		2002..	N	X	X
		1997..	N	X	X
3352223100	Parts and attachments for household refrigerators and freezers <sup>46</sup>				
		2002..	16	X	X
		1997..	11	X	X
335222W	Household refrigerator and home freezer manufacturing, nsk, total				
		2002..	N	X	X
		1997..	N	X	X
335222WY	Household refrigerator and home freezer manufacturing, nsk, total				
		2002..	N	X	X
		1997..	N	X	X
335222WYWW	Household refrigerator and home freezer manufacturing, nsk, for nonadministrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
335222WYWY	Household refrigerator and home freezer manufacturing, nsk, for administrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
335224	Household laundry equipment manufacturing				
		2002..	N	X	X
		1997..	N	X	X
3352240	Household laundry equipment				
		2002..	N	X	X
		1997..	N	X	X
33522401	Household laundry equipment				
		2002..	N	X	X
		1997..	N	X	X
3352240110	Household laundry machines, including both coin- and noncoin-operated washing machines, dryers, and combinations <sup>46</sup>				
		2002..	10	X	X
		1997..	6	X	X
3352240190	Parts, accessories, and attachments for household laundry equipment (sold separately) <sup>46</sup>				
		2002..	7	X	X
		1997..	13	X	X
3352240Y	Household laundry equipment, nsk, total				
		2002..	N	X	X
		1997..	N	X	X
3352240YWW	Household laundry equipment, nsk, for nonadministrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
3352240YWY	Household laundry equipment, nsk, for administrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
335228	Other major household appliance manufacturing				
		2002..	N	X	X
		1997..	N	X	X
3352281	Household water heaters, electric, for permanent installation				
		2002..	N	X	X
		1997..	N	X	X
33522811	Household water heaters, electric, for permanent installation				
		2002..	N	X	X
		1997..	N	X	X
3352281100	Household water heaters, electric, for permanent installation <sup>46</sup>				
		2002..	10	X	X
		1997..	16	X	X
3352283	Household water heaters, except electric				
		2002..	N	X	X
		1997..	N	X	X
33522831	Household water heaters, except electric				
		2002..	N	X	X
		1997..	N	X	X
3352283100	Household water heaters, except electric <sup>46</sup>				
		2002..	10	X	X
		1997..	13	X	X
3352285	All other miscellaneous household appliances				
		2002..	N	X	X
		1997..	N	X	X
33522851	All other miscellaneous household appliances				
		2002..	N	X	X
		1997..	N	X	X
3352285110	All other miscellaneous household appliances (including dishwashing machines, food waste disposers and trash compactors, etc.) (excluding parts) <sup>46</sup>				
		2002..	13	X	X
		1997..	15	X	X

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of shipments with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
335228	Other major household appliance manufacturing—Con.					
3352285	All other miscellaneous household appliances—Con.					
33522851	All other miscellaneous household appliances—Con.					
3352285190	Parts for all other household appliances (including dishwashing machines, food waste disposers and trash compactors, etc.) <sup>46</sup>					
		2002..	18	X	X	56 608
		1997..	10	X	X	47 612
3352285Y	All other miscellaneous household appliances, nsk	2002..	N	X	X	—
		1997..	N	X	X	—
3352285YVW	All other miscellaneous household appliances, nsk	2002..	N	X	X	—
		1997..	N	X	X	—
335228W	Other major household appliance manufacturing, nsk, total	2002..	N	X	X	1 202
		1997..	N	X	X	2 593
335228WY	Other major household appliance manufacturing, nsk, total	2002..	N	X	X	1 202
		1997..	N	X	X	2 593
335228WYVW	Other major household appliance manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	X	423
		1997..	N	X	X	1 146
335228WYVY	Other major household appliance manufacturing, nsk, for administrative-record establishments	2002..	N	X	X	779
		1997..	N	X	X	1 447
335311	Power, distribution, and specialty transformer manufacturing	2002..	N	X	X	3 942 016
		1997..	N	X	X	4 683 558
3353111	Power and distribution transformers, except parts	2002..	N	X	X	2 276 686
		1997..	N	X	X	2 220 179
33531111	Distribution transformers (except general-purpose), overhead type, single-phase, liquid-immersed, 500 kVA and smaller (except parts)	2002..	N	X	X	477 393
		1997..	N	X	X	521 083
3353111101	Distribution transformers (except general-purpose), overhead type, single-phase, liquid-immersed, 500 kVA and smaller (except parts)	2002..	22	X	X	477 393
		1997..	18	X	X	521 083
335311112	Distribution transformers (except general-purpose), compartmentalized pad-mounted, single-phase, liquid-immersed, 500 kVA and smaller (except parts)	2002..	N	X	X	295 964
		1997..	N	X	X	230 351
3353111204	Distribution transformers (except general-purpose), compartmentalized pad-mounted, single-phase, liquid-immersed, 500 kVA and smaller (except parts)	2002..	16	X	X	295 964
		1997..	13	X	X	230 351
335311113	Other distribution transformers (except general-purpose), including network transformers, single-phase, and liquid-immersed (all voltages) (except parts)	2002..	N	X	X	358 348
		1997..	N	X	X	328 335
3353111307	Distribution transformers (except general-purpose), subsurface and subway types, single-phase, liquid-immersed, 500 kVA and smaller (except parts)	2002..	5	X	X	D
		1997..	4	X	X	14 944
3353111311	Distribution three-phase transformers (except general-purpose), liquid-immersed, all voltages, 500 kVA and smaller (except parts)	2002..	12	X	X	178 749
		1997..	15	X	X	184 808
3353111313	Distribution network transformers (except general-purpose), all ratings, excluding network protectors (except parts)	2002..	4	X	X	D
		1997..	4	X	X	D
3353111316	Distribution transformers (except general-purpose), single-phase and three-phase, pad-mounted (dry), 500 kVA and smaller (except parts)	2002..	7	X	X	114 749
		1997..	9	X	X	D
33531114	Small conventional and power transformers, single- and three-phase (all voltages), primary and secondary unit substations	2002..	N	X	X	679 635
		1997..	N	X	X	683 934
3353111419	Small power transformers, liquid-immersed, single- and three-phase (all voltages), compartmentalized pad-mounted, subsurface underground and conventional subway type, 501 kVA through 2500 kVA	2002..	15	X	X	272 906
		1997..	12	X	X	288 745
3353111422	Small conventional transformers and autotransformers, liquid-immersed, single- and three-phase (all voltages), primary unit and single circuit unit substations, 501 kVA through 2500 kVA	2002..	12	X	X	58 153
		1997..	9	X	X	80 914
3353111425	Small power transformers, single- and three-phase (all voltages), liquid-immersed conventionals, primary unit and single circuit unit substations, 2501 kVA through 10,000 kVA	2002..	16	X	X	202 570
		1997..	14	X	X	108 202
3353111428	Dry-type small conventional power transformers, single- and three-phase, all voltages, primary unit substation (including core and coil units)	2002..	12	X	X	75 589
		1997..	10	X	X	93 125
3353111431	Secondary unit substation power transformers, liquid-immersed, all kVA ratings	2002..	6	X	X	D
		1997..	5	X	X	65 617
3353111434	Secondary unit substation power transformers, dry-type, all kVA ratings	2002..	5	X	X	D
		1997..	6	X	X	47 331
33531115	Large liquid-immersed power transformers with and without load-tap-changing	2002..	N	X	X	425 554
		1997..	N	X	X	398 727
3353111537	Large liquid immersed power transformers with load-tap-changing, 10,001 kVA, OA to 30,000 kVA, OA (50,000 kVA, top FOA)	2002..	8	X	X	153 911
		1997..	7	X	X	152 792

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335311	Power, distribution, and specialty transformer manufacturing—Con.				
3353111	Power and distribution transformers, except parts—Con.				
33531115	Large liquid-immersed power transformers with and without load-tap-changing—Con.				
3353111541	Large liquid immersed power transformers without load-tap-changing, 10,001 kVA, OA to 30,000 kVA, OA (50,000 kVA, top FOA) .....	2002.. 8	X	X	D
		1997.. 8	X	X	D
3353111543	Large liquid-immersed power transformers with load-tap-changing, 30,001 kVA, OA (50,000 kVA, top FOA) to 100,000 kVA, OA (167,000 kVA, top FOA) .....	2002.. 5	X	X	53 760
		1997.. 4	X	X	22 849
3353111546	Large liquid-immersed power transformers without load-tap-changing, 30,001 kVA, OA (50,001 kVA, top FOA) to 100,000 kVA, OA (167,000 kVA, top FOA) .....	2002.. 5	X	X	D
		1997.. 5	X	X	24 795
3353111549	Large liquid-immersed power transformers with load-tap-changing, 100,001 kVA, OA (167,001 kVA, top FOA) and larger .....	2002.. 1	X	X	D
		1997.. 2	X	X	D
3353111552	Large liquid-immersed power transformers without load-tap-changing, 100,001 kVA, OA (167,001 kVA, top FOA) and larger .....	2002.. 1	X	X	D
		1997.. 2	X	X	D
3353111Y	Power and distribution transformers, except parts, nsk .....	2002.. N	X	X	39 792
		1997.. N	X	X	57 749
3353111YV	Power and distribution transformers, except parts, nsk .....	2002.. N	X	X	39 792
		1997.. N	X	X	57 749
3353113	Specialty transformers, except fluorescent lamp ballast .....	2002.. N	X	X	284 817
		1997.. N	X	X	511 903
33531131	Specialty transformers, except fluorescent lamp ballasts .....	2002.. N	X	X	267 916
		1997.. N	X	X	509 436
3353113101	Open core and coil units, excluding machine tool control transformers and all units end-bell enclosed (250 VA and under) .....	2002.. 12	X	X	31 358
		1997.. 18	X	X	77 896
3353113104	Machine tool control transformers .....	2002.. 10	X	X	30 964
		1997.. 15	X	X	D
3353113107	Transformers for arc welders .....	2002.. 1	X	X	D
		1997.. 2	X	X	D
3353113109	Indoor and outdoor current instrument transformers .....	2002.. 10	X	X	D
		1997.. 12	X	X	45 550
3353113113	Indoor and outdoor voltage instrument transformers .....	2002.. 8	X	X	57 911
		1997.. 6	X	X	18 441
3353113115	High intensity discharge lamp transformers (ballasts) .....	2002.. 2	X	X	D
		1997.. 7	X	X	181 056
3353113116	All other specialty transformers (including luminous tube and ignition transformers), excluding internal combustion engine ignition .....	2002.. 12	X	X	73 723
		1997.. 19	X	X	128 138
3353113Y	Specialty transformers, except fluorescent lamp ballasts, nsk .....	2002.. N	X	X	16 901
		1997.. N	X	X	2 467
3353113YV	Specialty transformers, except fluorescent lamp ballasts, nsk .....	2002.. N	X	X	16 901
		1997.. N	X	X	2 467
3353115	Fluorescent lamp ballasts .....	2002.. N	X	X	329 257
		1997.. N	X	X	968 909
33531151	Fluorescent lamp ballasts .....	2002.. N	X	X	329 257
		1997.. N	X	X	968 909
3353115100	Fluorescent lamp ballasts <sup>47</sup> .....	2002.. 11	X	X	329 257
		1997.. 17	X	X	968 909
3353117	Commercial, institutional, and industrial general-purpose transformers, all voltages .....	2002.. N	X	X	263 434
		1997.. N	X	X	303 791
33531171	Commercial, institutional, and industrial general-purpose transformers, all voltages .....	2002.. N	X	X	253 414
		1997.. N	X	X	289 378
3353117101	Commercial, institutional, and industrial general-purpose transformers, single- and three-phase, 3 kVA and below, all voltages .....	2002.. 17	X	X	86 984
		1997.. 22	X	X	140 871
3353117104	Commercial, institutional, and industrial general-purpose transformers, single- and three-phase, 3.01 kVA through 15 kVA, all voltages .....	2002.. 12	X	X	37 887
		1997.. 15	X	X	23 477
3353117107	Commercial, institutional, and industrial general-purpose transformers, single- and three-phase, 15.01 kVA through 100 kVA, all voltages .....	2002.. 18	X	X	48 672
		1997.. 15	X	X	42 056
3353117111	Commercial, institutional, and industrial general-purpose transformers, single- and three-phase, 100.01 kVA and above, all voltages .....	2002.. 11	X	X	17 265
		1997.. 12	X	X	25 322
3353117113	Other commercial, institutional, and industrial general-purpose transformers, including saturable core reactors and voltage regulating transformers .....	2002.. 19	X	X	62 606
		1997.. 18	X	X	57 652
3353117Y	Commercial, institutional, and industrial general-purpose transformers, all voltages, nsk .....	2002.. N	X	X	10 020
		1997.. N	X	X	14 413
3353117YV	Commercial, institutional, and industrial general-purpose transformers, all voltages, nsk .....	2002.. N	X	X	10 020
		1997.. N	X	X	14 413
3353119	Power regulators, boosters, and other transformers and parts for all transformers .....	2002.. N	X	X	547 747
		1997.. N	X	X	514 466

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335311	Power, distribution, and specialty transformer manufacturing— Con.				
3353119	Power regulators, boosters, and other transformers and parts for all transformers—Con.				
33531191	Power regulators, boosters, and other transformers and parts for all transformers .....	2002.. N 1997.. N	X X	X X	520 048 476 972
3353119101	Transmission and distribution voltage regulators, boosters, and other special-purpose transformers .....	2002.. 26 1997.. 35	X X	X X	371 015 320 662
3353119104	Parts, including renewal and repair parts, subassemblies and accessories for all transformers .....	2002.. 13 1997.. 20	X X	X X	149 033 156 310
3353119Y	Power regulators, boosters, and other transformers and parts for all transformers, nsk .....	2002.. N 1997.. N	X X	X X	27 699 37 494
3353119YVW	Power regulators, boosters, and other transformers and parts for all transformers, nsk .....	2002.. N 1997.. N	X X	X X	27 699 37 494
335311W	Power, distribution, and specialty transformer manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	240 075 164 310
335311WY	Power, distribution, and specialty transformer manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	240 075 164 310
335311WYWW	Power, distribution, and specialty transformer manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	131 615 74 443
335311WYWY	Power, distribution, and specialty transformer manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	108 460 89 867
335312	Motor and generator manufacturing .....	2002.. N 1997.. N	X X	X X	8 972 693 11 911 618
3353121	Fractional horsepower motors (rated at less than 746 watts) (except hermetics) .....	2002.. N 1997.. N	X X	X X	2 978 276 5 178 561
33531211	Fractional horsepower motors (rated at less than 746 watts) (except hermetics) .....	2002.. N 1997.. N	X X	X X	2 978 276 5 178 561
3353121100	Fractional horsepower motors (rated at less than 746 watts) (except hermetics) <sup>48</sup> .....	2002.. 83 1997.. 107	X X	X X	2 978 276 5 178 561
3353123	Integral horsepower motors and generators other than for land transportation equipment (rated at 746 watts or more) (except hemetics) .....	2002.. N 1997.. N	X X	X X	1 639 960 2 245 671
33531231	Integral horsepower motors and generators other than for land transportation equipment (rated at 746 watts or more) (except hemetics) .....	2002.. N 1997.. N	X X	X X	1 639 960 2 245 671
3353123100	Integral horsepower motors and generators other than for land transportation equipment (rated at 746 watts or more) (except hemetics) <sup>48</sup> .....	2002.. 63 1997.. 70	X X	X X	1 639 960 2 245 671
3353125	Land transportation motors, generators, and control equipment (except parts) .....	2002.. N 1997.. N	X X	X X	196 625 332 612
33531251	Land transportation motors, generators, and control equipment (except parts) .....	2002.. N 1997.. N	X X	X X	196 625 332 612
3353125100	Land transportation motors, generators, and control equipment (except parts) <sup>48</sup> .....	2002.. 15 1997.. 19	X X	X X	196 625 332 612
3353127	Prime mover generator sets, except steam and hydraulic turbine .....	2002.. N 1997.. N	X X	X X	1 378 351 1 648 488
33531271	Prime mover generator sets, except steam and hydraulic turbine .....	2002.. N 1997.. N	X X	X X	1 378 351 1 648 488
3353127100	Prime mover generator sets, except steam and hydraulic turbine <sup>48</sup> .....	2002.. 25 1997.. 19	X X	X X	1 378 351 1 648 488
3353129	Fractional motor generator sets and other rotating equipment (including hermetics) .....	2002.. N 1997.. N	X X	X X	771 285 502 708
33531291	Fractional motor generator sets and other rotating equipment (including hermetics) .....	2002.. N 1997.. N	X X	X X	771 285 502 708
3353129100	Fractional motor generator sets and other rotating equipment (including hermetics) <sup>48</sup> .....	2002.. 40 1997.. 28	X X	X X	771 285 502 708
335312A	Integral motor generator sets and other rotating equipment (including hermetics) .....	2002.. N 1997.. N	X X	X X	642 846 618 360
335312A1	Integral motor generator sets and other rotating equipment (including hermetics) .....	2002.. N 1997.. N	X X	X X	642 846 618 360
335312A100	Integral motor generator sets and other rotating equipment (including hermetics) <sup>48</sup> .....	2002.. 29 1997.. 43	X X	X X	642 846 618 360
335312C	Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs .....	2002.. N	X	X	728 297

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335312	Motor and generator manufacturing—Con.				
335312C	Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs—Con.	1997.. N	X	X	679 835
335312C1	Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs .....	2002.. N	X	X	728 297
		1997.. N	X	X	679 835
335312C100	Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs <sup>48</sup> .....	2002.. 96	X	X	728 297
		1997.. 109	X	X	679 835
335312E	Armature rewinding on a factory basis .....	2002.. N	X	X	71 984
		1997.. N	X	X	113 707
335312E1	Armature rewinding on a factory basis .....	2002.. N	X	X	71 984
		1997.. N	X	X	113 707
335312E100	Armature rewinding on a factory basis .....	2002.. 14	X	X	71 984
		1997.. 26	X	X	113 707
335312W	Motor and generator manufacturing, nsk, total .....	2002.. N	X	X	565 069
		1997.. N	X	X	591 676
335312WY	Motor and generator manufacturing, nsk, total .....	2002.. N	X	X	565 069
		1997.. N	X	X	591 676
335312WYWW	Motor and generator manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	379 494
		1997.. N	X	X	387 713
335312WYWY	Motor and generator manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	185 575
		1997.. N	X	X	203 963
335313	Switchgear and switchboard apparatus manufacturing .....	2002.. N	X	X	7 742 158
		1997.. N	X	X	7 353 591
3353131	Power circuit breakers, all voltages .....	2002.. N	X	X	695 604
		1997.. N	X	X	532 302
33531311	Power circuit breakers, all voltages .....	2002.. N	X	X	695 604
		1997.. N	X	X	532 302
3353131100	Power circuit breakers, all voltages <sup>49</sup> .....	2002.. 46	X	X	695 604
		1997.. 46	X	X	532 302
3353133	Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less .....	2002.. N	X	X	2 265 741
		1997.. N	X	X	2 331 111
33531331	Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less .....	2002.. N	X	X	2 265 741
		1997.. N	X	X	2 331 111
3353133100	Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less <sup>49</sup> .....	2002.. 114	X	X	2 265 741
		1997.. 139	X	X	2 331 111
3353135	Fuses and fuse equipment less than 2300 volts (except power distribution cut-outs) .....	2002.. N	X	X	475 349
		1997.. N	X	X	562 221
33531351	Fuses and fuse equipment less than 2300 volts (except power distribution cut-outs) .....	2002.. N	X	X	475 349
		1997.. N	X	X	562 221
3353135100	Fuses and fuse equipment less than 2300 volts (except power distribution cut-outs) <sup>49</sup> .....	2002.. 24	X	X	475 349
		1997.. 29	X	X	562 221
3353137	Molded case circuit breakers, 1000 volts or less .....	2002.. N	X	X	1 322 162
		1997.. N	X	X	1 294 712
33531371	Molded case circuit breakers, 1000 volts or less .....	2002.. N	X	X	1 322 162
		1997.. N	X	X	1 294 712
3353137100	Molded case circuit breakers, 1000 volts or less <sup>49</sup> .....	2002.. 25	X	X	1 322 162
		1997.. 24	X	X	1 294 712
3353139	Duct, including plug-in units and accessories, 1000 volts or less .....	2002.. N	X	X	209 795
		1997.. N	X	X	291 157
33531391	Duct, including plug-in units and accessories, 1000 volts or less .....	2002.. N	X	X	209 795
		1997.. N	X	X	291 157
3353139100	Duct, including plug-in units and accessories, 1000 volts or less <sup>49</sup> .....	2002.. 13	X	X	209 795
		1997.. 20	X	X	291 157
335313A	Switchgear, except ducts and relays .....	2002.. N	X	X	2 254 341
		1997.. N	X	X	1 956 370
335313A1	Switchgear, except ducts and relays .....	2002.. N	X	X	2 254 341
		1997.. N	X	X	1 956 370
335313A100	Switchgear, except ducts and relays <sup>49</sup> .....	2002.. 112	X	X	2 254 341
		1997.. 129	X	X	1 956 370
335313W	Switchgear and switchboard apparatus manufacturing, nsk, total .....	2002.. N	X	X	519 166
		1997.. N	X	X	385 718
335313WY	Switchgear and switchboard apparatus manufacturing, nsk, total .....	2002.. N	X	X	519 166
		1997.. N	X	X	385 718
335313WYWW	Switchgear and switchboard apparatus manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	355 186
		1997.. N	X	X	144 856
335313WYWY	Switchgear and switchboard apparatus manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	163 980
		1997.. N	X	X	240 862
335314	Relay and industrial control manufacturing .....	2002.. N	X	X	8 599 304
		1997.. N	X	X	10 915 290
3353141	Relays for electronic circuitry, industrial control overload, and switchgear type .....	2002.. N	X	X	719 129

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of shipments with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335314	Relay and industrial control manufacturing—Con.				
3353141	Relays for electronic circuitry, industrial control overload, and switchgear type—Con.				
		1997..	N	X	X
33531411	Relays for electronic circuitry, industrial control overload, and switchgear type .....	2002..	N	X	X
		1997..	N	X	X
3353141100	Relays for electronic circuitry, industrial control overload, and switchgear type <sup>49</sup> .....	2002..	102	X	X
		1997..	135	X	X
3353143	Specific-purpose industrial controls .....	2002..	N	X	X
		1997..	N	X	X
33531431	Specific-purpose industrial controls .....	2002..	N	X	X
		1997..	N	X	X
3353143100	Specific-purpose industrial controls <sup>49</sup> .....	2002..	199	X	X
		1997..	389	X	X
3353146	General-purpose industrial controls .....	2002..	N	X	X
		1997..	N	X	X
33531461	General-purpose industrial controls .....	2002..	N	X	X
		1997..	N	X	X
3353146100	General-purpose industrial controls <sup>49</sup> .....	2002..	209	X	X
		1997..	N	X	X
3353147	Parts for industrial controls and motor-control accessories .....	2002..	N	X	X
		1997..	N	X	X
33531471	Parts for industrial controls and motor-control accessories .....	2002..	N	X	X
		1997..	N	X	X
3353147100	Parts for industrial controls and motor-control accessories <sup>49</sup> .....	2002..	101	X	X
		1997..	146	X	X
335314W	Relay and industrial control manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
335314WY	Relay and industrial control manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
335314WYWW	Relay and industrial control manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
335314WYWY	Relay and industrial control manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
335911	Storage battery manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3359111	Storage batteries, lead acid type, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller) .....	2002..	N	X	X
		1997..	N	X	X
33591111	Starting, lighting, and ignition (SLI) type lead acid storage batteries for original equipment, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller) .....	2002..	N	X	X
		1997..	N	X	X
3359111101	Starting, lighting, and ignition (SLI) type lead acid storage batteries for original equipment, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller) .....	2002..	12	X	X
		1997..	15	X	X
335911112	Starting, lighting, and ignition (SLI) type lead acid storage batteries for replacement, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller) .....	2002..	N	X	X
		1997..	N	X	X
3359111204	Starting, lighting, and ignition (SLI) type lead acid storage batteries for replacement, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller) .....	2002..	12	X	X
		1997..	18	X	X
33591113	Lead acid storage batteries other than (SLI) type, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller) .....	2002..	N	X	X
		1997..	N	X	X
3359111307	Lead acid storage batteries other than (SLI) type, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller) .....	2002..	4	X	X
		1997..	5	X	X
3359111Y	Storage batteries, lead acid type, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller), nsk .....	2002..	N	X	X
		1997..	N	X	X
3359111YWV	Storage batteries, lead acid type, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller), nsk .....	2002..	N	X	X
		1997..	N	X	X
3359114	Storage batteries, lead acid type, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m)) .....	2002..	N	X	X
		1997..	N	X	X
33591141	Motive power type lead acid storage batteries, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m)), including mining and industrial locomotive .....	2002..	N	X	X
		1997..	N	X	X
3359114101	Motive power type lead acid storage batteries for industrial trucks, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller) .....	2002..	8	X	X
		1997..	11	X	X
3359114104	All other motive power type lead acid storage batteries, including mining and industrial locomotive, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller) .....	2002..	7	X	X
		1997..	7	X	X
33591142	All other lead acid storage batteries, larger than BCI dimensional size group 8D (1.6 cu ft (.042 cu m)) .....	2002..	N	X	X
		1997..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335911	Storage battery manufacturing—Con.				
3359114	Storage batteries, lead acid type, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m))—Con.				
33591142	All other lead acid storage batteries, larger than BCI dimensional size group 8D (1.6 cu ft (.042 cu m))—Con.				
3359114201	Communication lead acid storage batteries (central office telephone supervisory equipment, telemetering, and microwave), larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller) .....	2002.. 8 1997.. 7	X X	X X	208 886 183 005
3359114204	Standby emergency power lead acid storage batteries, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller) .....	2002.. 9 1997.. 9	X X	X X	211 251 257 587
3359114207	All other lead acid storage batteries, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller), including starting, lighting, and ignition (SLI type) .....	2002.. 9 1997.. 9	X X	X X	77 296 95 691
3359114Y	Storage batteries, lead acid type, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m)), nsk .....	2002.. N 1997.. N	X X	X X	— 3 156
3359114YVV	Storage batteries, lead acid type, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m)), nsk .....	2002.. N 1997.. N	X X	X X	— 3 156
3359117	Storage batteries (except lead acid), including parts for all storage batteries .....	2002.. N 1997.. N	X X	X X	262 935 384 917
33591171	Storage batteries (except lead acid), including parts for all storage batteries .....	2002.. N 1997.. N	X X	X X	245 046 364 805
3359117101	Nickel cadmium storage batteries (sealed or vented) .....	2002.. 14 1997.. 11	X X	X X	114 790 D
3359117104	Storage batteries other than nickel cadmium or lead acid .....	2002.. 11 1997.. 5	X X	X X	130 256 D
33591172	Parts for all storage batteries, excluding cases and containers .....	2002.. N 1997.. N	X X	X X	11 451 D
3359117201	Parts for all storage batteries, excluding cases and containers .....	2002.. 5 1997.. 4	X X	X X	11 451 D
3359117Y	Storage batteries (except lead acid), including parts for all storage batteries, nsk .....	2002.. N 1997.. N	X X	X X	6 438 5 572
3359117YVV	Storage batteries (except lead acid), including parts for all storage batteries, nsk .....	2002.. N 1997.. N	X X	X X	6 438 5 572
335911W	Storage battery manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	128 014 101 634
335911WY	Storage battery manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	128 014 101 634
335911WYVV	Storage battery manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	90 173 71 502
335911WYVY	Storage battery manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	37 841 30 132
335912	Primary battery manufacturing .....	2002.. N 1997.. N	X X	X X	2 860 187 2 494 671
3359120	Primary batteries .....	2002.. N 1997.. N	X X	X X	2 860 187 2 494 671
33591201	Round and prismatic primary battery cells .....	2002.. N 1997.. N	X X	X X	2 484 786 2 191 191
3359120101	Alkaline manganese round and prismatic primary battery cells .....	2002.. 11 1997.. 6	X X	X X	1 409 880 1 041 360
3359120104	Zinc carbon round and prismatic primary battery cells .....	2002.. 2 1997.. 4	X X	X X	D D
3359120107	Mercuric oxide round and prismatic primary battery cells .....	2002.. — 1997.. 2	X X	X X	— D
3359120111	Lithium round and prismatic primary battery cells .....	2002.. 11 1997.. 11	X X	X X	D D
3359120114	All other round and prismatic battery cells .....	2002.. 7 1997.. 7	X X	X X	894 529 D
33591202	Button and coin primary battery cells .....	2002.. N 1997.. N	X X	X X	280 682 152 851
3359120201	Silver oxide button and coin primary battery cells .....	2002.. 3 1997.. 4	X X	X X	D 66 104
3359120204	Alkaline manganese button and coin primary battery cells .....	2002.. 1 1997.. 1	X X	X X	D D
3359120207	Zinc air button and coin primary battery cells .....	2002.. 3 1997.. 2	X X	X X	137 443 D
3359120211	Lithium button and coin primary battery cells .....	2002.. 3 1997.. 4	X X	X X	D 59 705
3359120214	All other button and coin primary battery cells .....	2002.. 1 1997.. 2	X X	X X	D D
33591203	Parts for primary batteries, excluding cases and containers .....	2002.. N 1997.. N	X X	X X	83 934 121 666
3359120301	Parts for primary batteries, excluding cases and containers .....	2002.. 7 1997.. 5	X X	X X	83 934 121 666
3359120Y	Primary batteries, nsk, total .....	2002.. N 1997.. N	X X	X X	10 785 28 963
3359120YVV	Primary batteries, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	— 16 644

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
335912	Primary battery manufacturing—Con.					
3359120	Primary batteries—Con.					
3359120Y	Primary batteries, nsk, total—Con.					
3359120YWY	Primary batteries, nsk, for administrative-record establishments					
		2002..	N	X	X	10 785
		1997..	N	X	X	12 319
335921	Fiber optic cable manufacturing	2002..	N	X	X	1 450 302
		1997..	N	X	X	2 350 081
3359210	Fiber optic cable	2002..	N	X	X	1 450 302
		1997..	N	X	X	2 350 081
33592102	Fiber optic cable, communication applications	2002..	N	X	X	1 243 519
		1997..	N	X	X	N
3359210201	Fiber optic cable, communication applications <sup>27</sup>	2002..	44	X	X	1 243 519
		1997..	N	X	X	N
33592103	Fiber optic cable, all other applications	2002..	N	X	X	57 499
		1997..	N	X	X	N
3359210301	Fiber optic cable, all other applications <sup>27</sup>	2002..	19	X	X	57 499
		1997..	N	X	X	N
3359210Y	Fiber optic cable, nsk, total	2002..	N	X	X	149 284
		1997..	N	X	X	49 096
3359210YWW	Fiber optic cable, nsk, for nonadministrative-record establishments	2002..	N	X	X	83 401
		1997..	N	X	X	49 096
3359210YWY	Fiber optic cable, nsk, for administrative-record establishments	2002..	N	X	X	65 883
		1997..	N	X	X	-
335929	Other communication and energy wire manufacturing	2002..	N	X	X	9 244 138
		1997..	N	X	X	11 648 783
3359291	Power wire and cable, made from nonferrous metals (purchased wire)	2002..	N	X	X	1 586 108
		1997..	N	X	X	1 597 305
33592918	Power wire and cable, made from nonferrous metals (purchased wire)	2002..	N	X	X	1 586 108
		1997..	N	X	X	1 597 305
3359291800	Power wire and cable, made from nonferrous metals (purchased wire) <sup>27</sup>	2002..	44	X	X	1 586 108
		1997..	41	X	X	1 597 305
335929A	Electronic wire and cable, made of nonferrous metals (purchased wire)	2002..	N	X	X	2 615 444
		1997..	N	X	X	3 362 756
335929A1	Electronic wire and cable, made of nonferrous metals (purchased wire)	2002..	N	X	X	2 615 444
		1997..	N	X	X	3 362 756
335929A100	Electronic wire and cable, made of nonferrous metals (purchased wire) <sup>27</sup>	2002..	128	X	X	2 615 444
		1997..	161	X	X	3 362 756
335929B	Telephone and telegraph wire and cable, made of nonferrous metals (purchased wire)	2002..	N	X	X	1 202 493
		1997..	N	X	X	2 013 716
335929B1	Telephone and telegraph wire and cable, made of nonferrous metals (purchased wire)	2002..	N	X	X	1 202 493
		1997..	N	X	X	2 013 716
335929B100	Telephone and telegraph wire and cable, made of nonferrous metals (purchased wire) <sup>27</sup>	2002..	32	X	X	1 202 493
		1997..	29	X	X	2 013 716
335929C	Control and signal wire and cable, made of nonferrous metals (purchased wire)	2002..	N	X	X	251 955
		1997..	N	X	X	488 983
335929C1	Control and signal wire and cable, made of nonferrous metals (purchased wire)	2002..	N	X	X	251 955
		1997..	N	X	X	488 983
335929C100	Control and signal wire and cable, made of nonferrous metals (purchased wire) <sup>27</sup>	2002..	23	X	X	251 955
		1997..	39	X	X	488 983
335929D	Building wire and cable, made of nonferrous metals (purchased wire)	2002..	N	X	X	2 388 710
		1997..	N	X	X	2 675 449
335929D1	Building wire and cable, made of nonferrous metals (purchased wire)	2002..	N	X	X	2 388 710
		1997..	N	X	X	2 675 449
335929D100	Building wire and cable, made of nonferrous metals (purchased wire) <sup>27</sup>	2002..	17	X	X	2 388 710
		1997..	27	X	X	2 675 449
335929E	Other insulated wire and cable, including automotive, made of nonferrous metals (purchased wire)	2002..	N	X	X	615 943
		1997..	N	X	X	1 237 837
335929E1	Other insulated wire and cable, including automotive, made of nonferrous metals (purchased wire)	2002..	N	X	X	615 943
		1997..	N	X	X	1 237 837
335929E100	Other insulated wire and cable, including automotive, made of nonferrous metals (purchased wire) <sup>27</sup>	2002..	41	X	X	615 943
		1997..	78	X	X	1 237 837
335929W	Other communication and energy wire manufacturing, nsk, total	2002..	N	X	X	583 485
		1997..	N	X	X	272 737
335929WY	Other communication and energy wire manufacturing, nsk, total	2002..	N	X	X	583 485
		1997..	N	X	X	272 737
335929WYWW	Other communication and energy wire manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	X	410 965
		1997..	N	X	X	272 737
335929WYWY	Other communication and energy wire manufacturing, nsk, for administrative-record establishments	2002..	N	X	X	172 520

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
335929	Other communication and energy wire manufacturing—Con.					
335929W	Other communication and energy wire manufacturing, nsk, total—Con.					
335929WY	Other communication and energy wire manufacturing, nsk, total—Con.					
335929WYWY	Other communication and energy wire manufacturing, nsk, for administrative-record establishments—Con.					
		1997..	N	X	X	—
335931	Current-carrying wiring device manufacturing .....	2002..	N	X	X	5 554 447
		1997..	N	X	X	5 819 728
3359311	Current-carrying lampholders .....	2002..	N	X	X	110 599
		1997..	N	X	X	194 736
33593111	Current-carrying lampholders .....	2002..	N	X	X	110 599
		1997..	N	X	X	194 736
3359311100	Current-carrying lampholders <sup>50</sup> .....	2002..	20	X	X	110 599
		1997..	24	X	X	194 736
3359313	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type) .....	2002..	N	X	X	365 296
		1997..	N	X	X	460 810
33593131	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type) .....	2002..	N	X	X	365 296
		1997..	N	X	X	460 810
3359313100	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type) <sup>50</sup> .....	2002..	19	X	X	365 296
		1997..	19	X	X	460 810
3359315	Current-carrying switches for electrical circuitry (including vehicular switches) .....	2002..	N	X	X	1 752 294
		1997..	N	X	X	1 900 735
33593151	Current-carrying switches for electrical circuitry (including vehicular switches) .....	2002..	N	X	X	1 752 294
		1997..	N	X	X	1 900 735
3359315100	Current-carrying switches for electrical circuitry (including vehicular switches) <sup>50</sup> .....	2002..	106	X	X	1 752 294
		1997..	123	X	X	1 900 735
3359317	Current-carrying metal contacts, including precious metal .....	2002..	N	X	X	219 027
		1997..	N	X	X	221 032
33593171	Current-carrying metal contacts, including precious metal .....	2002..	N	X	X	219 027
		1997..	N	X	X	221 032
3359317100	Current-carrying metal contacts, including precious metal <sup>50</sup> .....	2002..	21	X	X	219 027
		1997..	24	X	X	221 032
3359319	Current-carrying wire connectors for electrical circuitry .....	2002..	N	X	X	1 329 807
		1997..	N	X	X	1 614 835
33593191	Current-carrying wire connectors for electrical circuitry .....	2002..	N	X	X	1 329 807
		1997..	N	X	X	1 614 835
3359319100	Current-carrying wire connectors for electrical circuitry <sup>50</sup> .....	2002..	75	X	X	1 329 807
		1997..	87	X	X	1 614 835
335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.) .....	2002..	N	X	X	1 541 434
		1997..	N	X	X	N
335931B1	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.) .....	2002..	N	X	X	1 541 434
		1997..	N	X	X	N
335931B100	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.) <sup>50</sup> .....	2002..	110	X	X	1 541 434
		1997..	N	X	X	N
335931W	Current-carrying wiring device manufacturing, nsk, total .....	2002..	N	X	X	235 990
		1997..	N	X	X	241 961
335931WY	Current-carrying wiring device manufacturing, nsk, total .....	2002..	N	X	X	235 990
		1997..	N	X	X	241 961
335931WYWW	Current-carrying wiring device manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	68 628
		1997..	N	X	X	67 351
335931WYWY	Current-carrying wiring device manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	167 362
		1997..	N	X	X	174 610
335932	Noncurrent-carrying wiring device manufacturing .....	2002..	N	X	X	3 359 603
		1997..	N	X	X	4 417 374
3359321	Noncurrent-carrying pole and transmission line hardware .....	2002..	N	X	X	626 212
		1997..	N	X	X	857 666
33593211	Noncurrent-carrying pole and transmission line hardware .....	2002..	N	X	X	626 212
		1997..	N	X	X	857 666
3359321100	Noncurrent-carrying pole and transmission line hardware <sup>50</sup> .....	2002..	24	X	X	626 212
		1997..	31	X	X	857 666
3359323	Noncurrent-carrying electrical conduit and conduit fittings, including plastics conduit and conduit fittings .....	2002..	N	X	X	1 733 647
		1997..	N	X	X	2 057 217
33593231	Noncurrent-carrying electrical conduit and conduit fittings, including plastics conduit and conduit fittings .....	2002..	N	X	X	1 733 647
		1997..	N	X	X	2 057 217
3359323100	Noncurrent-carrying electrical conduit and conduit fittings, including plastics conduit and conduit fittings <sup>50</sup> .....	2002..	52	X	X	1 733 647
		1997..	54	X	X	2 057 217
3359326	Other noncurrent-carrying wiring devices and supplies (boxes, covers, bar hangers, etc.) .....	2002..	N	X	X	955 167
		1997..	N	X	X	N

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335932	Noncurrent-carrying wiring device manufacturing—Con.				
3359326	Other noncurrent-carrying wiring devices and supplies (boxes, covers, bar hangers, etc.)—Con.				
33593261	Other noncurrent-carrying wiring devices and supplies (boxes, covers, bar hangers, etc.)	2002.. N	X	X	955 167
		1997.. N	X	X	N
3359326100	Other noncurrent-carrying wiring devices and supplies (boxes, covers, bar hangers, etc.) <sup>50</sup>	2002.. 35	X	X	955 167
		1997.. N	X	X	N
335932W	Noncurrent-carrying wiring device manufacturing, nsk, total	2002.. N	X	X	44 577
		1997.. N	X	X	67 541
335932WY	Noncurrent-carrying wiring device manufacturing, nsk, total	2002.. N	X	X	44 577
		1997.. N	X	X	67 541
335932WYWW	Noncurrent-carrying wiring device manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	3 153
		1997.. N	X	X	14 385
335932WYWY	Noncurrent-carrying wiring device manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	41 424
		1997.. N	X	X	53 156
335991	Carbon and graphite product manufacturing	2002.. N	X	X	1 625 808
		1997.. N	X	X	2 202 666
3359911	Carbon and graphite electrodes for electric furnaces and electrolytic cell use	2002.. N	X	X	741 843
		1997.. N	X	X	1 032 727
33599111	Carbon electrodes for electric furnaces and electrolytic cell use	2002.. N	X	X	189 890
		1997.. N	X	X	166 094
3359911101	Carbon electrodes for electric furnaces and electrolytic cell use	2002.. 12	X	X	189 890
		1997.. 6	X	X	166 094
33599112	Graphite electrodes for electric furnaces and electrolytic cell use	2002.. N	X	X	551 953
		1997.. N	X	X	859 306
3359911204	Graphite electrodes for electric furnaces and electrolytic cell use	2002.. 13	X	X	551 953
		1997.. 11	X	X	859 306
3359911Y	Carbon and graphite electrodes for electric furnaces and electrolytic cell use, nsk	2002.. N	X	X	—
		1997.. N	X	X	7 327
3359911YV	Carbon and graphite electrodes for electric furnaces and electrolytic cell use, nsk	2002.. N	X	X	—
		1997.. N	X	X	7 327
3359913	All other carbon and graphite products	2002.. N	X	X	810 221
		1997.. N	X	X	1 092 155
33599131	Carbon and graphite brushes, contacts, and brush plates	2002.. N	X	X	194 969
		1997.. N	X	X	208 617
3359913101	Brushes and contacts (including automotive, fractional horsepower, and industrial brushes)	2002.. 12	X	X	180 540
		1997.. 11	X	X	189 765
3359913104	Carbon and graphite brush plates	2002.. 6	X	X	14 429
		1997.. 5	X	X	18 852
33599132	Carbon and graphite fibers	2002.. N	X	X	209 316
		1997.. N	X	X	325 955
3359913207	Carbon and graphite fibers	2002.. 12	X	X	209 316
		1997.. 13	X	X	325 955
33599133	All other carbon and graphite products, except refractories	2002.. N	X	X	395 361
		1997.. N	X	X	557 583
3359913311	All other carbon and graphite products, except refractories, for electrical uses, including welding products, illuminating carbons, battery (except silver or other metal contacts)	2002.. 13	X	X	94 761
		1997.. 12	X	X	108 616
3359913313	All other carbon and graphite products, except refractories, for mechanical uses, rotor vanes, and other uses where motion is between two parts, except metallic oilless bearings	2002.. 12	X	X	96 579
		1997.. 13	X	X	154 370
3359913316	All other carbon and graphite products, except refractories, for aerospace uses, including machined and unmachined stock	2002.. 9	X	X	D
		1997.. 5	X	X	D
3359913319	All other carbon and graphite paste products, except refractories, for all other uses (including chemical, metallurgical, etc.)	2002.. 3	X	X	D
		1997.. 2	X	X	D
3359913322	All other carbon and graphite products, except refractories, for all other uses (including chemical, metallurgical, etc.)	2002.. 15	X	X	130 625
		1997.. 16	X	X	230 529
3359913Y	All other carbon and graphite products, nsk	2002.. N	X	X	10 575
		1997.. N	X	X	—
3359913YV	All other carbon and graphite products, nsk	2002.. N	X	X	10 575
		1997.. N	X	X	—
335991W	Carbon and graphite product manufacturing, nsk, total	2002.. N	X	X	73 744
		1997.. N	X	X	77 784
335991WY	Carbon and graphite product manufacturing, nsk, total	2002.. N	X	X	73 744
		1997.. N	X	X	77 784
335991WYWW	Carbon and graphite product manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	45 288
		1997.. N	X	X	19 901
335991WYWY	Carbon and graphite product manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	28 456
		1997.. N	X	X	57 883
335999	All other miscellaneous electrical equipment and component manufacturing	2002.. N	X	X	7 161 840
		1997.. N	X	X	6 760 387
3359991	Capacitors, industrial use (except for electronic circuitry)	2002.. N	X	X	318 913

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335999	All other miscellaneous electrical equipment and component manufacturing—Con.				
3359991	Capacitors, industrial use (except for electronic circuitry)—Con.				
		1997..	N	X	X
		2002..	N	X	X
		1997..	N	X	X
33599911	Capacitors, industrial use (except for electronic circuitry) .....				
		1997..	N	X	X
3359991101	Capacitors, including units and equipment (including accessories for industrial use (except for electronic circuitry), shunt and series power, 1/2 kVA or more .....				
		2002..	9	X	X
		1997..	13	X	X
3359991103	Capacitors, other types (except electrolytic), including A/C, motors and controls for general-purpose use, and high intensity discharge lighting for industrial use (except for electronic circuitry) .....				
		2002..	9	X	X
		1997..	9	X	X
3359991Y	Capacitors, industrial use (except for electronic circuitry), nsk .....				
		2002..	N	X	X
		1997..	N	X	X
3359991YVV	Capacitors, industrial use (except for electronic circuitry), nsk .....				
		2002..	N	X	X
		1997..	N	X	X
3359993	Rectifying apparatus .....				
		2002..	N	X	X
		1997..	N	X	X
33599931	Semiconductor power conversion apparatus (except for electronic circuitry) .....				
		2002..	N	X	X
		1997..	N	X	X
3359993101	Semiconductor battery chargers, automotive .....				
		2002..	11	X	X
		1997..	5	X	D
3359993104	Semiconductor battery chargers, industrial and railroad .....				
		2002..	20	X	X
		1997..	11	X	X
3359993107	Semiconductor high-voltage power supplies in excess of 2 kV, 100 kW or less .....				
		2002..	20	X	X
		1997..	19	X	X
3359993111	Semiconductor high-voltage power supplies in excess of 2 kV, more than 100 kW .....				
		2002..	6	X	X
		1997..	6	X	D
33599932	All other semiconductor power conversion and rectifying apparatus (except for electronic circuitry) .....				
		2002..	N	X	X
		1997..	N	X	X
3359993213	Semiconductor power conversion apparatus, all other types .....				
		2002..	37	X	X
		1997..	40	X	X
3359993216	Uninterruptible power supply (UPS) systems .....				
		2002..	30	X	X
		1997..	18	X	X
3359993219	Rectifying apparatus, all other types (except for electronic circuitry) .....				
		2002..	26	X	X
		1997..	49	X	X
3359993Y	Rectifying apparatus, nsk .....				
		2002..	N	X	X
		1997..	N	X	X
3359993YVV	Rectifying apparatus, nsk .....				
		2002..	N	X	X
		1997..	N	X	X
3359996	Other electrical equipment, industrial use (except for electronic circuitry) .....				
		2002..	N	X	X
		1997..	N	X	N
33599961	Other electrical equipment, industrial use (except for electronic circuitry) .....				
		2002..	N	X	X
		1997..	N	X	N
3359996101	Electrical coil windings, industrial use .....				
		2002..	12	X	X
		1997..	N	X	N
3359996107	Surge suppressors, industrial use .....				
		2002..	7	X	X
		1997..	N	X	N
3359996111	Cathodic protection equipment, industrial use .....				
		2002..	6	X	X
		1997..	N	X	N
3359996137	All other miscellaneous electrical equipment for industrial use, including electrical discharge equipment .....				
		2002..	40	X	X
		1997..	N	X	N
3359996Y	Other electrical equipment, industrial use (except for electronic circuitry), nsk .....				
		2002..	N	X	X
		1997..	N	X	N
3359996YVV	Other electrical equipment, industrial use (except for electronic circuitry), nsk .....				
		2002..	N	X	X
		1997..	N	X	N
3359997	Laser generator power supplies and components .....				
		2002..	N	X	X
		1997..	N	X	X
33599971	Laser generator power supplies and components .....				
		2002..	N	X	X
		1997..	N	X	X
3359997100	Laser generator power supplies and components <sup>37</sup> .....				
		2002..	27	X	X
		1997..	47	X	X
3359999	Laser systems and equipment, all other types .....				
		2002..	N	X	X
		1997..	N	X	X
33599991	Laser systems and equipment, all other types .....				
		2002..	N	X	X
		1997..	N	X	X
3359999100	Laser systems and equipment, all other types .....				
		2002..	26	X	X
		1997..	28	X	X
335999A	Ultrasonic equipment, except medical and dental .....				
		2002..	N	X	X
		1997..	N	X	X
335999A1	Ultrasonic equipment, except medical and dental .....				
		2002..	N	X	X
		1997..	N	X	X
335999A100	Ultrasonic equipment, except medical and dental <sup>37</sup> .....				
		2002..	13	X	X
		1997..	23	X	X
335999B	Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made from purchased insulated wire .....				
		2002..	N	X	X
		1997..	N	X	X
335999B1	Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made from purchased insulated wire .....				
		2002..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335999	All other miscellaneous electrical equipment and component manufacturing—Con.				
335999B	Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made from purchased insulated wire—Con.				
335999B1	Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made from purchased insulated wire—Con.	1997..	N	X	X
335999B100	Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made from purchased insulated wire .....	2002..	23	X	X
		1997..	46	X	X
335999E	All other miscellaneous electrical equipment and components (except for industrial use) .....	2002..	N	X	X
		1997..	N	X	X
335999E1	Electric bells (gongs, chimes, etc.) .....	2002..	N	X	X
		1997..	N	X	X
335999E101	Electric bells (gongs, chimes, etc.) .....	2002..	5	X	X
		1997..	N	X	X
335999E3	Electrical door openers, except garage .....	2002..	N	X	X
		1997..	N	X	X
335999E305	Electrical door openers, except garage .....	2002..	7	X	X
		1997..	N	X	X
335999E5	Surge suppressors, designed for equipment operating on 110-120 volt circuits .....	2002..	N	X	X
		1997..	N	X	X
335999E509	Surge suppressors, designed for equipment operating on 110-120 volt circuits .....	2002..	20	X	X
		1997..	N	X	X
335999EY	All other miscellaneous electrical equipment and components (except for industrial use), nsk .....	2002..	N	X	X
		1997..	N	X	X
335999EYWV	All other miscellaneous electrical equipment and components (except for industrial use), nsk .....	2002..	N	X	X
		1997..	N	X	X
335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers) .....	2002..	N	X	X
		1997..	N	X	X
335999F1	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers) .....	2002..	N	X	X
		1997..	N	X	X
335999F100	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers) .....	2002..	74	X	X
		1997..	N	X	X
335999W	All other miscellaneous electrical equipment and component manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
335999WY	All other miscellaneous electrical equipment and component manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
335999WYWW	All other miscellaneous electrical equipment and component manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
335999WYWY	All other miscellaneous electrical equipment and component manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
336111	Automobile manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3361110	Automobile manufacturing .....	2002..	N	X	X
		1997..	N	X	X
33611101	Complete passenger vehicles, knockdown or assembled, including passenger car chassis and nonarmored military automobiles .....	2002..	N	X	X
		1997..	N	X	X
3361110100	Complete passenger vehicles, knockdown or assembled, including passenger car chassis and nonarmored military automobiles .....	2002..	40	X	5 172 748.0
		1997..	47	X	N
3361110Y	Automobile manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
3361110YWW	Automobile manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
3361110YWY	Automobile manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
336112	Light truck and utility vehicle manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3361120	Light truck and utility vehicle manufacturing .....	2002..	N	X	X
		1997..	N	X	X
33611201	Trucks, truck tractors, and bus chassis (chassis of own manufacture), 14,000 lb or less, including minivans and sport utility vehicles .....	2002..	N	X	X
		1997..	N	X	X
3361120100	Trucks, truck tractors, and bus chassis (chassis of own manufacture), 14,000 lb or less, including minivans and sport utility vehicles .....	2002..	21	X	6 727 073.0
		1997..	20	X	N
3361120Y	Light truck and utility vehicle manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336112	Light truck and utility vehicle manufacturing—Con.				
3361120	Light truck and utility vehicle manufacturing—Con.				
3361120Y	Light truck and utility vehicle manufacturing, nsk, total—Con.				
3361120YWW	Light truck and utility vehicle manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	168 365
		1997.. N	X	X	60 663
3361120YWY	Light truck and utility vehicle manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	66 517
		1997.. N	X	X	36 032
336120	Heavy duty truck manufacturing .....	2002.. N	X	X	16 060 325
		1997.. N	X	X	16 850 333
3361201	Trucks, truck tractors, and bus chassis (chassis of own manufacture), 14,001 to 33,000 lb .....	2002.. N	X	X	3 400 995
		1997.. N	X	X	4 158 870
33612011	Trucks, truck tractors, and bus chassis (chassis of own manufacture), 14,001 to 33,000 lb .....	2002.. N	X	X	3 400 995
		1997.. N	X	X	4 158 870
3361201100	Trucks, truck tractors, and bus chassis (chassis of own manufacture), 14,001 to 33,000 lb .....	number.. 2002.. 16	X	92 656.0	3 400 995
		1997.. 14	X	N	4 158 870
3361202	Trucks, truck tractors, and bus chassis (chassis of own manufacture), 33,001 lb or more .....	2002.. N	X	X	10 059 669
		1997.. N	X	X	11 167 520
33612021	Trucks, truck tractors, and bus chassis (chassis of own manufacture), 33,001 lb or more .....	2002.. N	X	X	10 059 669
		1997.. N	X	X	11 167 520
3361202100	Trucks, truck tractors, and bus chassis (chassis of own manufacture), 33,001 lb or more .....	number.. 2002.. 16	X	161 634.0	10 059 669
		1997.. 15	X	N	11 167 520
3361203	Buses (chassis of own manufacture), including military and firefighting vehicles .....	2002.. N	X	X	2 413 770
		1997.. N	X	X	1 449 208
33612031	Buses (chassis of own manufacture), including military and firefighting vehicles .....	2002.. N	X	X	1 737 500
		1997.. N	X	X	1 449 208
3361203101	Buses (chassis of own manufacture), including military (except trolley) .....	2002.. 6	X	X	1 475 671
		1997.. 15	X	X	1 313 421
3361203104	Buses (chassis of own manufacture), firefighting vehicles .....	2002.. 9	X	X	261 829
		1997.. 13	X	X	135 787
3361203Y	Buses (chassis of own manufacture), including military and firefighting vehicles, nsk .....	2002.. N	X	X	676 270
		1997.. N	X	X	—
3361203YWW	Buses (chassis of own manufacture), including military and firefighting vehicles, nsk .....	2002.. N	X	X	676 270
		1997.. N	X	X	—
336120W	Heavy duty truck manufacturing, nsk, total .....	2002.. N	X	X	185 891
		1997.. N	X	X	74 735
336120WY	Heavy duty truck manufacturing, nsk, total .....	2002.. N	X	X	185 891
		1997.. N	X	X	74 735
336120WYWW	Heavy duty truck manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	104 461
		1997.. N	X	X	14 279
336120WYWY	Heavy duty truck manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	81 430
		1997.. N	X	X	60 456
336211	Motor vehicle body manufacturing .....	2002.. N	X	X	7 731 898
		1997.. N	X	X	8 290 820
3362112	Bus bodies and truck cabs, sold separately .....	2002.. N	X	X	1 408 027
		1997.. N	X	X	N
33621121	Bus bodies, sold separately .....	2002.. N	X	X	1 203 839
		1997.. N	X	X	N
3362112101	Bus bodies, school, sold separately .....	2002.. 24	X	X	1 061 707
		1997.. N	X	X	N
3362112103	Bus bodies, other types, sold separately .....	2002.. 5	X	X	142 132
		1997.. N	X	X	N
33621122	Truck cabs, sold separately .....	2002.. N	X	X	204 188
		1997.. N	X	X	N
3362112201	Truck cabs, sold separately .....	2002.. 16	X	X	204 188
		1997.. N	X	X	N
3362112Y	Bus bodies and truck cabs, sold separately, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
3362112YWW	Bus bodies and truck cabs, sold separately, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
3362114	Van bodies, sold separately .....	2002.. N	X	X	433 591
		1997.. N	X	X	N
33621141	Van bodies, walk-in, sold separately .....	2002.. N	X	X	142 614
		1997.. N	X	X	N
3362114101	Van bodies, walk-in, sold separately .....	2002.. 7	X	X	142 614
		1997.. N	X	X	N
33621142	Van bodies, separate cab, sold separately .....	2002.. N	X	X	290 977
		1997.. N	X	X	N
3362114201	Van bodies, separate cab, insulated, sold separately .....	2002.. 10	X	X	72 669
		1997.. N	X	X	N
3362114203	Van bodies, separate cab, dry freight, sold separately .....	2002.. 18	X	X	186 722
		1997.. N	X	X	N
3362114205	Van bodies, separate cab, parcel delivery, sold separately .....	2002.. 3	X	X	26 678
		1997.. N	X	X	N
3362114211	Van bodies, separate cab, other types, sold separately .....	2002.. 4	X	X	4 908
		1997.. N	X	X	N
3362114Y	Van bodies, sold separately, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
3362114YWW	Van bodies, sold separately, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336211	Motor vehicle body manufacturing—Con.				
3362115	Other truck and vehicle bodies (including dump truck lifting mechanisms and kit cars), sold separately, nsk	2002.. N 1997.. N	X X	X X	1 961 882 N
33621151	Other truck and vehicle bodies (including dump truck lifting mechanisms and kit cars), sold separately, nsk	2002.. N 1997.. N	X X	X X	1 961 882 N
3362115101	Tank bodies, sold separately	2002.. 19 1997.. N	X X	X X	62 484 N
3362115103	Truck bodies, front loading garbage and refuse (packer-types), sold separately	2002.. 5 1997.. N	X X	X X	31 216 N
3362115105	Truck bodies, rear loading garbage and refuse (packer-types), sold separately	2002.. 5 1997.. N	X X	X X	74 838 N
3362115107	Truck bodies, side loading garbage and refuse (packer-types), sold separately	2002.. 6 1997.. N	X X	X X	68 811 N
3362115109	Truck bodies, other garbage and refuse types, sold separately	2002.. 11 1997.. N	X X	X X	37 665 N
3362115111	Truck bodies, beverage, sold separately	2002.. 4 1997.. N	X X	X X	89 534 N
3362115113	Truck bodies, dump, sold separately	2002.. 49 1997.. N	X X	X X	188 260 N
3362115115	Dump truck lifting mechanisms	2002.. 11 1997.. N	X X	X X	41 003 N
3362115117	Truck bodies, stake and platform, sold separately	2002.. 41 1997.. N	X X	X X	67 713 N
3362115119	Truck bodies, utility line service, sold separately	2002.. 30 1997.. N	X X	X X	171 451 N
3362115120	Truck bodies, other mobile service type, sold separately	2002.. 26 1997.. N	X X	X X	92 892 N
3362115123	Truck bodies, wrecker, sold separately	2002.. 6 1997.. N	X X	X X	147 523 N
3362115124	Vehicle bodies, ambulance and rescue, sold separately	2002.. 8 1997.. N	X X	X X	103 699 N
3362115125	Vehicle bodies, light truck (minivan, SUV, and pickup) and passenger car, sold separately	2002.. 6 1997.. N	X X	X X	D N
3362115127	Kit cars	2002.. 8 1997.. N	X X	X X	D N
3362115133	Motor vehicle fifth wheels, new	2002.. 5 1997.. N	X X	X X	99 933 N
3362115141	Truck and vehicle bodies, all other types, sold separately	2002.. 28 1997.. N	X X	X X	173 683 N
3362115Y	Other truck and vehicle bodies (including dump truck lifting mechanisms and kit cars), sold separately, nsk	2002.. N 1997.. N	X X	X X	— N
3362115YVW	Other truck and vehicle bodies (including dump truck lifting mechanisms and kit cars), sold separately, nsk	2002.. N 1997.. N	X X	X X	— N
3362117	Buses and firefighting vehicles, complete, produced on purchased chassis	2002.. N 1997.. N	X X	X X	1 669 285 N
33621171	Buses, complete, produced on purchased chassis	2002.. N 1997.. N	X X	X X	828 767 N
3362117101	Buses, school, complete, produced on purchased chassis	2002.. 5 1997.. N	X X	X X	193 578 N
3362117103	Buses, other types, complete, produced on purchased chassis	2002.. 14 1997.. N	X X	X X	635 189 N
33621172	Firefighting vehicles, complete, produced on purchased chassis	2002.. N 1997.. N	X X	X X	835 495 N
3362117201	Firefighting vehicles, complete, 19,500 lb or less, produced on purchased chassis	2002.. 9 1997.. N	X X	X X	37 175 N
3362117203	Firefighting vehicles, complete, 19,500 lb or more, produced on purchased chassis	2002.. 22 1997.. N	X X	X X	798 320 N
3362117Y	Buses and firefighting vehicles, complete, produced on purchased chassis, nsk	2002.. N 1997.. N	X X	X X	5 023 N
3362117YVW	Buses and firefighting vehicles, complete, produced on purchased chassis, nsk	2002.. N 1997.. N	X X	X X	5 023 N
3362119	Trucks and vehicles, other types, complete, produced on purchased chassis	2002.. N 1997.. N	X X	X X	1 496 372 N
33621191	Trucks and vehicles, other types, complete, produced on purchased chassis	2002.. N 1997.. N	X X	X X	1 019 895 N
3362119101	Vehicles, ambulance and rescue, complete, produced on purchased chassis	2002.. 16 1997.. N	X X	X X	166 232 N
3362119103	Vehicles, vans, complete, produced on purchased chassis	2002.. 9 1997.. N	X X	X X	86 896 N
3362119105	Trucks, tank, complete, produced on purchased chassis	2002.. 7 1997.. N	X X	X X	34 246 N
3362119107	Trucks, beverage, complete, produced on purchased chassis	2002.. 1 1997.. N	X X	X X	D N
3362119109	Trucks, dump, complete, produced on purchased chassis	2002.. 4 1997.. N	X X	X X	D N
3362119111	Trucks, utility line service, complete, produced on purchased chassis	2002.. 9 1997.. N	X X	X X	110 666 N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336211	Motor vehicle body manufacturing—Con.				
3362119	Trucks and vehicles, other types, complete, produced on purchased chassis—Con.				
33621191	Trucks and vehicles, other types, complete, produced on purchased chassis—Con.				
3362119113	Trucks, other mobile service type, complete, produced on purchased chassis .....	2002.. 13 1997.. N	X X	X X	283 402 N
3362119121	Trucks, all other types, designed primarily for transporting persons or goods, complete, produced on purchased chassis .....	2002.. 11 1997.. N	X X	X X	84 745 N
3362119123	Trucks, all other types, designed primarily for transporting items (except persons or goods), complete, produced on purchased chassis .....	2002.. 10 1997.. N	X X	X X	248 057 N
33621199	Upfitting (completing trucks by installing and assembling bodies and/or other equipment onto truck chassis) .....	2002.. N 1997.. N	X X	X X	472 040 N
3362119901	Upfitting (completing trucks by installing and assembling bodies and/or other equipment onto truck chassis) <sup>51</sup> .....	2002.. 62 1997.. N	X X	X X	472 040 N
3362119Y	Trucks and vehicles, other types, complete, produced on purchased chassis, nsk .....	2002.. N 1997.. N	X X	X X	4 437 N
3362119YVW	Trucks and vehicles, other types, complete, produced on purchased chassis, nsk .....	2002.. N 1997.. N	X X	X X	4 437 N
336211W	Motor vehicle body manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	762 741 589 478
336211WY	Motor vehicle body manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	762 741 589 478
336211WYWW	Motor vehicle body manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	552 191 378 007
336211WYWY	Motor vehicle body manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	210 550 211 471
336212	Truck trailer manufacturing .....	2002.. N 1997.. N	X X	X X	3 888 169 5 282 354
3362121	Truck trailers and chassis, axle rating 10,000 lb or more .....	2002.. N 1997.. N	X X	X X	3 410 404 4 709 142
33621211	Truck trailers and chassis, axle rating 10,000 lb or more .....	2002.. N 1997.. N	X X	X X	3 410 404 4 709 142
3362121100	Truck trailers and chassis, axle rating 10,000 lb or more .....	2002.. 162 1997.. 150	X X	X X	3 410 404 4 709 142
3362123	Truck trailers and chassis, axle rating less than 10,000 lb .....	2002.. N 1997.. N	X X	X X	186 775 271 283
33621231	Truck trailers and chassis, axle rating less than 10,000 lb .....	2002.. N 1997.. N	X X	X X	186 775 271 283
3362123100	Truck trailers and chassis, axle rating less than 10,000 lb .....	2002.. 42 1997.. 41	X X	X X	186 775 271 283
336212W	Truck trailer manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	290 990 301 929
336212WY	Truck trailer manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	290 990 301 929
336212WYWW	Truck trailer manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	151 653 109 867
336212WYWY	Truck trailer manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	139 337 192 062
336213	Motor home manufacturing .....	2002.. N 1997.. N	X X	X X	5 303 438 3 535 212
3362130	Motor homes, produced on purchased chassis .....	2002.. N 1997.. N	X X	X X	5 303 438 3 535 212
33621301	Motor homes, produced on purchased chassis .....	2002.. N 1997.. N	X X	X X	5 012 265 3 394 368
3362130101	Motor homes, conventional (type A), produced on purchased chassis .....	2002.. 24 1997.. 16	X X	X X	4 057 526 2 517 885
3362130104	Chopped van (type C) motor homes, produced on purchased chassis .....	2002.. 11 1997.. 12	X X	X X	674 993 435 556
3362130107	Motor homes, chopped van (type C), produced on purchased chassis .....	2002.. 4 1997.. 6	X X	X X	28 994 28 990
3362130111	Motor homes, van camper (type B), produced on purchased chassis .....	2002.. 13 1997.. 14	X X	X X	250 752 411 937
3362130Y	Motor homes, produced on purchased chassis, nsk, total .....	2002.. N 1997.. N	X X	X X	291 173 140 844
3362130YWW	Motor homes, produced on purchased chassis, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	265 617 118 769
3362130YWY	Motor homes, produced on purchased chassis, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	25 556 22 075
336214	Travel trailer and camper manufacturing .....	2002.. N 1997.. N	X X	X X	6 777 023 4 702 096
3362141	Travel trailers .....	2002.. N 1997.. N	X X	X X	3 432 267 2 133 129
33621411	Travel trailers, conventional, up to 24 ft. 11 in.(7.595 m) in length .....	2002.. N	X	X	540 993

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
336214	Travel trailer and camper manufacturing—Con.					
3362141	Travel trailers—Con.					
33621411	Travel trailers, conventional, up to 24 ft. 11 in.(7.595 m) in length—Con.	1997..	N	X	X	353 616
3362141101	Travel trailers, conventional, less than 20 ft. (6.096 m) in length .....	2002..	25	X	X	144 005
		1997..	24	X	X	122 935
3362141104	Travel trailers, conventional, 20 ft. (6.096 m) to 24 ft. 11 in. (7.595 m) in length .....	2002..	26	X	X	396 988
		1997..	21	X	X	230 681
33621412	Travel trailers, conventional, 25 ft. (7.620 m) to 29 ft. 11 in. (9.118 m) in length .....	2002..	N	X	X	853 157
		1997..	N	X	X	322 827
3362141207	Travel trailers, conventional, 25 ft. (7.620 m) to 29 ft. 11 in. (9.118 m) in length .....	2002..	26	X	X	853 157
		1997..	29	X	X	322 827
33621413	Travel trailers, conventional, including park models, 30 ft. (9.144 m) or more in length .....	2002..	N	X	X	476 430
		1997..	N	X	X	306 658
3362141311	Travel trailers, conventional, including park models, 30 ft. (9.144 m) or more in length .....	2002..	28	X	X	476 430
		1997..	34	X	X	306 658
33621414	Travel trailers, fifth wheel, less than 30 ft. (9.144 m) in length .....	2002..	N	X	X	616 679
		1997..	N	X	X	399 644
3362141413	Travel trailers, fifth wheel, less than 30 ft. (9.144 m) in length .....	2002..	27	X	X	616 679
		1997..	30	X	X	399 644
33621415	Travel trailers, fifth wheel , 30 ft. (9.144 m) or more in length .....	2002..	N	X	X	842 589
		1997..	N	X	X	526 743
3362141516	Travel trailers, fifth wheel , 30 ft. (9.144 m) or more in length .....	2002..	35	X	X	842 589
		1997..	31	X	X	526 743
3362141Y	Travel trailers, nsk .....	2002..	N	X	X	102 419
		1997..	N	X	X	223 641
3362141YVW	Travel trailers, nsk .....	2002..	N	X	X	102 419
		1997..	N	X	X	223 641
3362143	Trailers, automobile and light truck .....	2002..	N	X	X	1 769 468
		1997..	N	X	X	1 424 344
33621431	Trailers, automobile and light truck .....	2002..	N	X	X	1 612 263
		1997..	N	X	X	1 320 534
3362143101	Trailers, automobile and light truck, horse, except trailers pulled by truck tractors, 26,000 lb or less GVW .....	2002..	49	X	X	407 494
		1997..	55	X	X	346 098
3362143105	Trailers, automobile and light truck, boat, 26,000 lb or less GVW .....	2002..	80	X	X	310 257
		1997..	105	X	X	408 540
3362143108	Trailers, automobile and light truck, mobile equipment, 26,000 lb or less GVW .....	2002..	32	X	X	136 251
		1997..	41	X	X	119 618
3362143111	Trailers, automobile and light truck, other types (general utility, commercial display, etc.), used for transportation of goods, 26,000 lb or less GVW .....	2002..	66	X	X	369 858
		1997..	61	X	X	198 758
3362143114	Trailers, automobile and light truck, other types (general utility, commercial display, etc.), for other uses, 26,000 lb or less GVW .....	2002..	55	X	X	354 440
		1997..	66	X	X	243 840
3362143117	Trailers, automobile and light truck, greater than 26,000 lb GVW .....	2002..	14	X	X	33 963
		1997..	1	X	X	S
3362143Y	Trailers, automobile and light truck, nsk .....	2002..	N	X	X	157 205
		1997..	N	X	X	103 810
3362143YVW	Trailers, automobile and light truck, nsk .....	2002..	N	X	X	157 205
		1997..	N	X	X	103 810
3362145	Camping trailers, campers, and pickup covers (including parts) .....	2002..	N	X	X	1 068 137
		1997..	N	X	X	852 400
33621451	Camping trailers, folddown .....	2002..	N	X	X	303 846
		1997..	N	X	X	277 789
3362145101	Camping trailers, folddown .....	2002..	12	X	X	303 846
		1997..	11	X	X	277 789
33621452	Campers (slide on/off), caps, and box covers (except parts), pickup truck .....	2002..	N	X	X	383 404
		1997..	N	X	X	282 794
3362145204	Campers (slide on/off), except parts, pickup truck .....	2002..	15	X	X	122 196
		1997..	17	X	X	58 520
3362145207	Caps and box covers, except parts, pickup truck .....	2002..	24	X	X	261 208
		1997..	28	X	X	224 274
33621453	Travel and camping trailers, campers, and pickup covers, other parts (including bodies and chassis), except appliances and furnishings .....	2002..	N	X	X	339 003
		1997..	N	X	X	278 299
3362145311	Travel and camping trailers, campers, and pickup covers, other parts (including bodies and chassis), except appliances and furnishings .....	2002..	51	X	X	339 003
		1997..	51	X	X	278 299
3362145Y	Camping trailers, campers, and pickup covers (including parts), nsk .....	2002..	N	X	X	41 884
		1997..	N	X	X	13 518
3362145YVW	Camping trailers, campers, and pickup covers (including parts), nsk .....	2002..	N	X	X	41 884
		1997..	N	X	X	13 518
336214W	Travel trailer and camper manufacturing, nsk, total .....	2002..	N	X	X	507 151
		1997..	N	X	X	292 223
336214WY	Travel trailer and camper manufacturing, nsk, total .....	2002..	N	X	X	507 151
		1997..	N	X	X	292 223
336214WYVW	Travel trailer and camper manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	325 491

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336214	Travel trailer and camper manufacturing—Con.				
336214W	Travel trailer and camper manufacturing, nsk, total—Con.				
336214WY	Travel trailer and camper manufacturing, nsk, total—Con.				
336214WYWW	Travel trailer and camper manufacturing, nsk, for nonadministrative-record establishments—Con.				
336214WYWY	Travel trailer and camper manufacturing, nsk, for administrative-record establishments	1997.. N	X	X	134 886
		2002.. N	X	X	181 660
		1997.. N	X	X	157 337
336311	Carburetor, piston, piston ring, and valve manufacturing	2002.. N	X	X	2 298 886
		1997.. N	X	X	2 426 407
3363111	Carburetors, all types, new and rebuilt	2002.. N	X	X	395 966
		1997.. N	X	X	935 569
33631111	Carburetors, except parts, new and rebuilt	2002.. N	X	X	D
		1997.. N	X	X	D
3363111101	Carburetors, motor vehicle engines (passenger car, truck, and bus), all types, new	2002.. 3	X	X	D
		1997.. 6	X	X	556 687
3363111103	Carburetors, all other engine types, all types, new	2002.. 3	X	X	D
		1997.. 7	X	X	D
3363111105	Carburetors, all types, rebuilt	2002.. 8	X	X	54 346
		1997.. 13	X	X	92 779
33631112	Carburetors, parts, except gaskets and screw machine products	2002.. N	X	X	D
		1997.. N	X	X	D
3363111207	Carburetors, parts, except gaskets and screw machine products	2002.. 4	X	X	D
		1997.. 6	X	X	D
3363111Y	Carburetors, all types, new and rebuilt, nsk	2002.. N	X	X	2 319
		1997.. N	X	X	—
3363111YWV	Carburetors, all types, new and rebuilt, nsk	2002.. N	X	X	2 319
		1997.. N	X	X	—
3363113	Pistons, piston rings, and piston pins (engine)	2002.. N	X	X	1 411 813
		1997.. N	X	X	1 029 243
33631131	Pistons, all types	2002.. N	X	X	844 669
		1997.. N	X	X	633 278
3363113101	Pistons, motor vehicle engines (passenger car, truck, and bus), all types (machined), except rough castings	2002.. 15	X	X	763 391
		1997.. 14	X	X	500 780
3363113103	Pistons, all other engine types, all types (machined), except rough castings	2002.. 12	X	X	81 278
		1997.. 20	X	X	132 498
33631132	Piston rings, all types	2002.. N	X	X	D
		1997.. N	X	X	D
3363113205	Piston rings, oil type, motor vehicle engines (passenger car, truck, and bus), all types	2002.. 8	X	X	252 648
		1997.. 5	X	X	34 549
3363113207	Piston rings, oil type, all other engine types	2002.. 7	X	X	148 942
		1997.. 7	X	X	13 237
3363113209	Piston rings, compression type, motor vehicle engines (passenger car, truck, and bus), all types	2002.. 6	X	X	D
		1997.. 4	X	X	D
3363113211	Piston rings, compression type, all other engine types	2002.. 14	X	X	63 127
		1997.. 14	X	X	95 904
33631133	Piston pins, engine	2002.. N	X	X	D
		1997.. N	X	X	D
3363113313	Piston pins, engine	2002.. 3	X	X	D
		1997.. 5	X	X	D
3363113Y	Pistons, piston rings, and piston pins (engine), nsk	2002.. N	X	X	33 892
		1997.. N	X	X	26 952
3363113YWV	Pistons, piston rings, and piston pins (engine), nsk	2002.. N	X	X	33 892
		1997.. N	X	X	26 952
3363115	Valves, engine intake and exhaust	2002.. N	X	X	416 684
		1997.. N	X	X	418 319
33631151	Valves, intake and exhaust, all engine types	2002.. N	X	X	412 583
		1997.. N	X	X	418 319
3363115101	Valves, intake and exhaust, motor vehicle engines (passenger car, truck, and bus)	2002.. 6	X	X	D
		1997.. 10	X	X	259 454
3363115103	Valves, intake and exhaust, all other engine types	2002.. 12	X	X	D
		1997.. 13	X	X	158 865
3363115Y	Valves, engine intake and exhaust, nsk	2002.. N	X	X	4 101
		1997.. N	X	X	—
3363115YWV	Valves, engine intake and exhaust, nsk	2002.. N	X	X	4 101
		1997.. N	X	X	—
336311W	Carburetor, piston, piston ring, and valve manufacturing, nsk, total	2002.. N	X	X	74 423
		1997.. N	X	X	43 276
336311WY	Carburetor, piston, piston ring, and valve manufacturing, nsk, total	2002.. N	X	X	74 423
		1997.. N	X	X	43 276
336311WYWW	Carburetor, piston, piston ring, and valve manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	22 254
		1997.. N	X	X	7 102
336311WYWY	Carburetor, piston, piston ring, and valve manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	52 169
		1997.. N	X	X	36 174
336312	Gasoline engine and engine parts manufacturing	2002.. N	X	X	31 205 443
		1997.. N	X	X	25 382 008
3363121	Gasoline engine and engine parts, motor vehicles, new	2002.. N	X	X	29 712 579
		1997.. N	X	X	24 579 425

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336312	Gasoline engine and engine parts manufacturing—Con.				
3363121	Gasoline engine and engine parts, motor vehicles, new—Con.				
33631211	Gasoline engines, motor vehicles, new (with or without cylinder heads, fuel pumps, water pumps, and other standard accessories) .....	2002.. N 1997.. N	X X	X X	20 077 993 15 120 065
3363121101	Gasoline engines, motor vehicles, new (with or without cylinder heads, fuel pumps, water pumps, and other standard accessories) .....	2002.. 25 1997.. 28	X X	X X	20 077 993 15 120 065
33631212	Gasoline engine parts, motor vehicles, fuel injection systems, new .....	2002.. N 1997.. N	X X	X X	1 515 386 2 409 386
3363121224	Gasoline engine parts, motor vehicles, fuel injection systems, new .....	2002.. 23 1997.. 26	X X	X X	1 515 386 2 409 386
336312123	Gasoline engine parts, motor vehicles, fuel and water pump assemblies (except kits), new .....	2002.. N 1997.. N	X X	X X	1 226 615 1 268 546
3363121351	Gasoline engine parts, motor vehicles, fuel pump assemblies (except kits), new .....	2002.. 18 1997.. 12	X X	X X	891 560 1 021 940
3363121354	Gasoline engine parts, motor vehicles, water pump assemblies (except kits), new .....	2002.. 12 1997.. 14	X X	X X	335 055 246 606
33631214	Gasoline engine parts, motor vehicles, cooling fans and thermostats, new .....	2002.. N 1997.. N	X X	X X	744 532 378 324
3363121457	Gasoline engine parts, motor vehicles, cooling fans (including hubs and clutches), new .....	2002.. 13 1997.. 11	X X	X X	D 341 303
3363121467	Gasoline engine parts, motor vehicles, thermostats (engine cooling system), new .....	2002.. 7 1997.. 4	X X	X X	D 37 021
33631215	Gasoline engine parts, motor vehicles, all other types, new .....	2002.. N 1997.. N	X X	X X	6 058 599 5 228 277
3363121504	Gasoline engine parts, motor vehicles, intake manifolds, new .....	2002.. 16 1997.. 17	X X	X X	944 245 358 342
3363121507	Gasoline engine parts, motor vehicles, exhaust manifolds, new .....	2002.. 10 1997.. 21	X X	X X	137 299 230 889
3363121511	Gasoline engine parts, motor vehicles, crankshafts, new .....	2002.. 8 1997.. 12	X X	X X	55 575 184 372
3363121514	Gasoline engine parts, motor vehicles, camshafts, new .....	2002.. 13 1997.. 13	X X	X X	221 904 408 035
3363121517	Gasoline engine parts, motor vehicles, rocker arms and parts, new .....	2002.. 10 1997.. 15	X X	X X	188 617 128 343
3363121521	Gasoline engine parts, motor vehicles, valve guides, seats, and tappets, new .....	2002.. 14 1997.. 19	X X	X X	404 679 640 040
3363121527	Gasoline engine parts, motor vehicles, flywheels and flexplates, new .....	2002.. 10 1997.. 10	X X	X X	D 48 771
3363121531	Gasoline engine parts, motor vehicles, timing gears, sprockets, and chains, new .....	2002.. 10 1997.. 15	X X	X X	D 216 620
3363121534	Gasoline engine parts, motor vehicles, bearings (halves), main, new .....	2002.. 4 1997.. 8	X X	X X	71 325 110 413
3363121537	Gasoline engine parts, motor vehicles, bearings (halves), connecting rods, new .....	2002.. 12 1997.. 11	X X	X X	192 686 119 189
3363121541	Gasoline engine parts, motor vehicles, bearings (halves), other types (balance shaft, camshaft, etc.), new .....	2002.. 12 1997.. 7	X X	X X	295 481 91 733
3363121544	Gasoline engine parts, motor vehicles, oil pumps, new .....	2002.. 12 1997.. 13	X X	X X	250 553 168 752
3363121571	Gasoline engine parts, motor vehicles, PCV (positive crankcase ventilation) valves, new .....	2002.. 3 1997.. 6	X X	X X	9 768 15 260
3363121574	Gasoline engine parts, motor vehicles, all other types, new .....	2002.. 99 1997.. 123	X X	X X	2 733 012 2 507 518
3363121Y	Gasoline engine and engine parts, motor vehicles, new, nsk .....	2002.. N 1997.. N	X X	X X	89 454 174 827
3363121YVW	Gasoline engine and engine parts, motor vehicles, new, nsk .....	2002.. N 1997.. N	X X	X X	89 454 174 827
3363123	Gasoline engines and engine parts, motor vehicles, rebuilt .....	2002.. N 1997.. N	X X	X X	593 058 420 049
33631231	Gasoline engines and engine parts, motor vehicles, rebuilt .....	2002.. N 1997.. N	X X	X X	419 916 420 049
3363123101	Gasoline engine parts, motor vehicles, pumps, fuel, rebuilt .....	2002.. 6 1997.. 5	X X	X X	3 632 5 576
3363123104	Gasoline engine parts, motor vehicles, pumps, water, rebuilt .....	2002.. 6 1997.. 30	X X	X X	17 658 76 132
3363123107	Gasoline engines, car and light truck, rebuilt .....	2002.. 35 1997.. 44	X X	X X	270 091 296 045
3363123111	Gasoline engines, heavy truck and bus, rebuilt .....	2002.. 4 1997.. 4	X X	X X	28 666 5 897
3363123121	Gasoline engine parts, motor vehicles, all other types, rebuilt .....	2002.. 21 1997.. 22	X X	X X	99 869 36 399
3363123Y	Gasoline engines and engine parts, motor vehicles, rebuilt, nskk .....	2002.. N 1997.. N	X X	X X	173 142 —

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336312	Gasoline engine and engine parts manufacturing—Con.				
3363123	Gasoline engines and engine parts, motor vehicles, rebuilt—Con.				
3363123Y	Gasoline engines and engine parts, motor vehicles, rebuilt, nskk—Con.				
3363123YVW	Gasoline engines and engine parts, motor vehicles, rebuilt, nsk	2002.. N 1997.. N	X X	X X	173 142 -
336312W	Gasoline engine and engine parts manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	899 806 382 534
336312WY	Gasoline engine and engine parts manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	899 806 382 534
336312WYVW	Gasoline engine and engine parts manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	520 743 156 068
336312WYVY	Gasoline engine and engine parts manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	379 063 226 466
336321	Vehicular lighting equipment manufacturing	2002.. N 1997.. N	X X	X X	2 670 886 2 724 873
3363210	Vehicular lighting equipment	2002.. N 1997.. N	X X	X X	2 670 886 2 724 873
33632101	Vehicular lighting equipment (including parts and accessories), electric	2002.. N 1997.. N	X X	X X	2 635 510 2 697 422
3363210101	Vehicular lighting equipment (except emergency), automobile, electric	2002.. 47 1997.. N	X X	X X	1 266 031 N
3363210102	Vehicular lighting equipment (except emergency), truck, electric	2002.. 11 1997.. N	X X	X X	404 574 N
3363210103	Vehicular lighting equipment, emergency, automobiles and trucks, electric	2002.. 13 1997.. N	X X	X X	290 077 N
3363210104	Vehicular lighting equipment, headlights, automobiles and trucks, electric	2002.. 11 1997.. N	X X	X X	674 828 N
3363210Y	Vehicular lighting equipment, nsk, total	2002.. N 1997.. N	X X	X X	35 376 27 451
3363210YVW	Vehicular lighting equipment, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	14 992 2 214
3363210YVY	Vehicular lighting equipment, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	20 384 25 237
336322	Other motor vehicle electrical and electronic equipment manufacturing	2002.. N 1997.. N	X X	X X	17 635 997 15 692 440
3363221	Ignition wiring harness and electrical cable sets	2002.. N 1997.. N	X X	X X	1 072 283 845 274
33632211	Ignition wiring harness, internal combustion engines	2002.. N 1997.. N	X X	X X	749 371 553 647
3363221101	Ignition wiring harness, automotive-type	2002.. 26 1997.. 18	X X	X X	690 709 467 827
3363221104	Ignition wiring harness, other types (including tractor, stationary engine, and aircraft)	2002.. 15 1997.. 13	X X	X X	58 662 85 820
33632212	Electrical ignition cable sets, internal combustion engines	2002.. N 1997.. N	X X	X X	285 978 209 358
3363221201	Electrical ignition cable sets, automotive-type	2002.. 20 1997.. 22	X X	X X	194 607 180 500
3363221204	Electrical ignition cable sets, other types (including aircraft)	2002.. 13 1997.. 13	X X	X X	91 371 28 858
3363221Y	Ignition wiring harness and electrical cable sets, nsk	2002.. N 1997.. N	X X	X X	36 934 82 269
3363221YVW	Ignition wiring harness and electrical cable sets, nsk	2002.. N 1997.. N	X X	X X	36 934 82 269
3363223	Alternators, generators, and regulators, battery charging	2002.. N 1997.. N	X X	X X	1 625 122 2 226 011
33632231	Alternators and generators, new, battery charging, internal combustion engines	2002.. N 1997.. N	X X	X X	1 341 781 1 458 543
3363223101	Alternators and generators, new, battery charging, automotive-type	2002.. 33 1997.. 18	X X	X X	1 314 738 1 385 008
3363223104	Alternators and generators, new, battery charging, other types	2002.. 6 1997.. 14	X X	X X	27 043 73 535
33632232	Alternators and generators (including regulators), rebuilt, battery charging, internal combustion engines	2002.. N 1997.. N	X X	X X	242 752 651 348
3363223201	Alternators and generators, rebuilt, battery charging, internal combustion engines	2002.. 35 1997.. 69	X X	X X	204 967 624 270
3363223204	Regulators for alternators and generators, new and rebuilt, battery charging	2002.. 9 1997.. 10	X X	X X	37 785 27 078
3363223Y	Alternators, generators, and regulators, battery charging, nsk	2002.. N 1997.. N	X X	X X	40 589 116 120
3363223YVW	Alternators, generators, and regulators, battery charging, nsk	2002.. N 1997.. N	X X	X X	40 589 116 120

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336322	Other motor vehicle electrical and electronic equipment manufacturing—Con.				
3363225	Cranking motors (starters) .....	2002.. N	X	X	2 064 157
		1997.. N	X	X	759 716
33632251	Cranking motors (starters), new .....	2002.. N	X	X	1 797 546
		1997.. N	X	X	348 439
3363225101	Cranking motors (starters), new, automotive-type .....	2002.. 19	X	X	D
		1997.. 8	X	X	D
3363225104	Cranking motors (starters), new, other types .....	2002.. 8	X	X	D
		1997.. 10	X	X	D
33632252	Cranking motors (starters), rebuilt, all types .....	2002.. N	X	X	246 126
		1997.. N	X	X	333 397
3363225201	Cranking motors (starters), rebuilt, all types .....	2002.. 38	X	X	246 126
		1997.. 59	X	X	333 397
3363225Y	Cranking motors (starters), nsk .....	2002.. N	X	X	20 485
		1997.. N	X	X	77 880
3363225YVW	Cranking motors (starters), nsk .....	2002.. N	X	X	20 485
		1997.. N	X	X	77 880
3363227	Spark plugs, internal combustion engines .....	2002.. N	X	X	507 283
		1997.. N	X	X	522 346
33632271	Spark plugs, internal combustion engines .....	2002.. N	X	X	507 283
		1997.. N	X	X	522 346
3363227100	Spark plugs, internal combustion engines .....	2002.. 8	X	X	507 283
		1997.. 7	X	X	522 346
3363229	Electrical engine equipment, all other types, complete .....	2002.. N	X	X	4 732 683
		1997.. N	X	X	3 163 388
33632291	Ignition coils, internal combustion engines .....	2002.. N	X	X	1 564 688
		1997.. N	X	X	595 079
3363229101	Ignition coils, internal combustion engines .....	2002.. 19	X	X	1 564 688
		1997.. 16	X	X	595 079
33632292	Electronic systems (computers or microprocessors) for complete engine control .....	2002.. N	X	X	1 245 223
		1997.. N	X	X	1 367 344
3363229201	Electronic systems (computers or microprocessors) for complete engine control .....	2002.. 16	X	X	1 245 223
		1997.. 11	X	X	1 367 344
33632293	Electrical and electronic engine equipment, all other types, complete .....	2002.. N	X	X	1 920 962
		1997.. N	X	X	988 438
3363229301	Distributors, internal combustion engines .....	2002.. 12	X	X	44 662
		1997.. 8	X	X	164 711
3363229304	Magnetos, magneto-dynamos, and magnetic flywheels .....	2002.. 5	X	X	D
		1997.. 5	X	X	D
3363229307	Ignition equipment, all other types (including electronic), complete .....	2002.. 14	X	X	D
		1997.. 10	X	X	D
3363229309	Electrical and electronic engine equipment, all other miscellaneous types, complete .....	2002.. 19	X	X	606 013
		1997.. 14	X	X	689 100
3363229Y	Electrical engine equipment, all other types, complete, nsk .....	2002.. N	X	X	1 810
		1997.. N	X	X	212 527
3363229YVW	Electrical engine equipment, all other types, complete, nsk .....	2002.. N	X	X	1 810
		1997.. N	X	X	212 527
336322A	Parts for electrical and electronic engine equipment .....	2002.. N	X	X	352 019
		1997.. N	X	X	446 452
336322A1	Armatures, field coils, and drive-end housings for cranking motors .....	2002.. N	X	X	D
		1997.. N	X	X	16 844
336322A101	Armatures, field coils, and drive-end housings for cranking motors .....	2002.. 8	X	X	D
		1997.. 10	X	X	16 844
336322A2	Armatures and field coils for alternators and generators .....	2002.. N	X	X	9 820
		1997.. N	X	X	4 792
336322A204	Armatures and field coils for alternators and generators .....	2002.. 8	X	X	9 820
		1997.. 6	X	X	4 792
336322A3	Heads and rotors for ignition distributors .....	2002.. N	X	X	64 959
		1997.. N	X	X	184 777
336322A307	Heads and rotors for ignition distributors .....	2002.. 9	X	X	64 959
		1997.. 6	X	X	184 777
336322A4	Breaker point sets for ignition distributors .....	2002.. N	X	X	D
		1997.. N	X	X	D
336322A409	Breaker point sets for ignition distributors .....	2002.. 1	X	X	D
		1997.. 4	X	X	D
336322A5	Condensers (capacitors) for ignition distributors .....	2002.. N	X	X	D
		1997.. N	X	X	D
336322A512	Condensers (capacitors) for ignition distributors .....	2002.. 3	X	X	D
		1997.. 2	X	X	D
336322A6	Parts for electrical and electronic engine equipment, all other types .....	2002.. N	X	X	107 296
		1997.. N	X	X	212 850
336322A615	Parts for electrical and electronic engine equipment, all other types .....	2002.. 17	X	X	107 296
		1997.. 31	X	X	212 850
336322AY	Parts for electrical and electronic engine equipment, nsk .....	2002.. N	X	X	24 457
		1997.. N	X	X	22 111
336322AYVW	Parts for electrical and electronic engine equipment, nsk .....	2002.. N	X	X	24 457
		1997.. N	X	X	22 111
336322D	Electrical and electronic equipment, motor vehicles .....	2002.. N	X	X	6 225 496
		1997.. N	X	X	N
336322D1	Electrical and electronic equipment, new and rebuilt, motor vehicles .....	2002.. N	X	X	6 223 695
		1997.. N	X	X	N
336322D102	Cruise control units, new, motor vehicles .....	2002.. 8	X	X	293 674
		1997.. N	X	X	N
336322D104	Defrosters, permanent, new, motor vehicles .....	2002.. —	X	X	—
		1997.. N	X	X	N
336322D107	Wiring harness sets (except ignition), new, motor vehicles .....	2002.. 42	X	X	1 860 249

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336322	Other motor vehicle electrical and electronic equipment manufacturing—Con.				
336322D	Electrical and electronic equipment, motor vehicles—Con.				
336322D1	Electrical and electronic equipment, new and rebuilt, motor vehicles—Con.				
336322D107	Wiring harness sets (except ignition), new, motor vehicles—Con.	1997..	N	X	X N
336322D111	Windshield washer-wiper mechanisms (including washer pumps), new, motor vehicles .....	2002..	16	X	X 936 258
		1997..	N	X	X N
336322D114	Heaters, block and battery, new, motor vehicles .....	2002..	1	X	X D
		1997..	N	X	X N
336322D115	Heaters (including parts), other types, new, motor vehicles .....	2002..	8	X	X 99 419
		1997..	N	X	X N
336322D119	Electronic control modular chips for motor vehicles <sup>44</sup> .....	2002..	9	X	X 1 550 124
		1997..	N	X	X N
336322D121	Instrument board assemblies, new, motor vehicles .....	2002..	9	X	X 251 209
		1997..	N	X	X N
336322D122	Electrical and electronic equipment, all other types (except engine), new, motor vehicles .....	2002..	31	X	X 696 666
		1997..	N	X	X N
336322D124	Cruise control units, rebuilt, motor vehicles .....	2002..	1	X	X D
		1997..	N	X	X N
336322D127	Windshield washer-wiper mechanisms, rebuilt, motor vehicles .....	2002..	3	X	X D
		1997..	N	X	X N
336322D130	Electrical and electronic equipment, all other types (except engine), rebuilt, motor vehicles .....	2002..	10	X	X 507 418
		1997..	N	X	X N
336322DY	Electrical and electronic equipment, motor vehicles, nsk .....	2002..	N	X	X 1 801
		1997..	N	X	X N
336322DYWV	Electrical and electronic equipment, motor vehicles, nsk .....	2002..	N	X	X 1 801
		1997..	N	X	X N
336322W	Other motor vehicle electrical and electronic equipment manufacturing, nsk, total .....	2002..	N	X	X 1 056 954
		1997..	N	X	X 541 766
336322WY	Other motor vehicle electrical and electronic equipment manufacturing, nsk, total .....	2002..	N	X	X 1 056 954
		1997..	N	X	X 541 766
336322WYWW	Other motor vehicle electrical and electronic equipment manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X 819 160
		1997..	N	X	X 356 003
336322WYWY	Other motor vehicle electrical and electronic equipment manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X 237 794
		1997..	N	X	X 185 763
336330	Motor vehicle steering and suspension component (except spring) manufacturing .....	2002..	N	X	X 10 688 643
		1997..	N	X	X 9 832 604
3363301	Motor vehicle steering and suspension components, new .....	2002..	N	X	X 10 356 320
		1997..	N	X	X 9 586 330
33633011	Motor vehicle shock absorbers, new .....	2002..	N	X	X 830 011
		1997..	N	X	X 838 751
3363301101	Motor vehicle shock absorbers, new .....	2002..	25	X	X 830 011
		1997..	21	X	X 838 751
33633012	Motor vehicle tie rod ends, new .....	2002..	N	X	X 253 384
		1997..	N	X	X 165 440
3363301204	Motor vehicle tie rod ends, new .....	2002..	13	X	X 253 384
		1997..	14	X	X 165 440
33633013	Motor vehicle steering idler arms, drag links, and control arms, new .....	2002..	N	X	X 761 186
		1997..	N	X	X 816 799
3363301307	Motor vehicle steering idler arms, drag links, and control arms, new .....	2002..	22	X	X 761 186
		1997..	23	X	X 816 799
33633014	Motor vehicle steering wheels, columns, and gearboxes, new .....	2002..	N	X	X 2 360 872
		1997..	N	X	X 2 218 943
3363301417	Motor vehicle steering wheels, columns, and gearboxes, new .....	2002..	25	X	X 2 360 872
		1997..	27	X	X 2 218 943
33633015	Other motor vehicle steering and suspension components, other types (including ball joints), new .....	2002..	N	X	X 6 141 556
		1997..	N	X	X 5 546 397
3363301511	Motor vehicle ball joints, new .....	2002..	14	X	X D
		1997..	13	X	X 269 830
3363301514	Motor vehicle struts, new .....	2002..	13	X	X 722 174
		1997..	13	X	X 685 459
3363301521	Motor vehicle steering gears, rack and pinion, new .....	2002..	12	X	X 1 319 624
		1997..	9	X	X D
3363301524	Motor vehicle steering gears, integral and manual, new .....	2002..	5	X	X 506 280
		1997..	4	X	X D
3363301526	Motor vehicle power steering pumps, new .....	2002..	6	X	X D
		1997..	11	X	X D
3363301528	Motor vehicle power steering hose assemblies, new .....	2002..	9	X	X 309 626
		1997..	9	X	X 238 141
3363301531	Motor vehicle steering and suspension components, all other types, new .....	2002..	75	X	X 2 630 293
		1997..	80	X	X 1 905 781
3363301Y	Motor vehicle steering and suspension components, new, nsk .....	2002..	N	X	X 9 311
		1997..	N	X	X -
3363301YWV	Motor vehicle steering and suspension components, new, nsk .....	2002..	N	X	X 9 311
		1997..	N	X	X -

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336330	Motor vehicle steering and suspension component (except spring) manufacturing—Con.				
3363303	Motor vehicle steering and suspension components, rebuilt	2002.. N	X	X	182 073
		1997.. N	X	X	178 313
33633031	Motor vehicle steering and suspension components, rebuilt	2002.. N	X	X	181 473
		1997.. N	X	X	178 313
3363303101	Motor vehicle power steering pumps, rebuilt	2002.. 11	X	X	76 495
		1997.. 19	X	X	75 334
3363303104	Motor vehicle rack and pinion steering assemblies, rebuilt	2002.. 10	X	X	48 437
		1997.. 18	X	X	58 354
3363303121	Motor vehicle steering and suspension components, other types, rebuilt	2002.. 13	X	X	56 541
		1997.. 10	X	X	44 625
3363303Y	Motor vehicle steering and suspension components, rebuilt, nsk	2002.. N	X	X	600
		1997.. N	X	X	—
3363303YVV	Motor vehicle steering and suspension components, rebuilt, nsk	2002.. N	X	X	600
		1997.. N	X	X	—
336330W	Motor vehicle steering and suspension component (except spring) manufacturing, nsk, total	2002.. N	X	X	150 250
		1997.. N	X	X	67 961
336330WY	Motor vehicle steering and suspension component (except spring) manufacturing, nsk, total	2002.. N	X	X	150 250
		1997.. N	X	X	67 961
336330WYWW	Motor vehicle steering and suspension component (except spring) manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	65 056
		1997.. N	X	X	5 531
336330WYWY	Motor vehicle steering and suspension component (except spring) manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	85 194
		1997.. N	X	X	62 430
336340	Motor vehicle brake system manufacturing	2002.. N	X	X	12 461 956
		1997.. N	X	X	10 381 841
3363401	Motor vehicle brake parts and assemblies, new	2002.. N	X	X	11 888 669
		1997.. N	X	X	9 833 732
33634011	Motor vehicle brake cylinders, sold separately, new	2002.. N	X	X	348 887
		1997.. N	X	X	315 509
3363401101	Motor vehicle brake cylinders, wheel, sold separately, new	2002.. 5	X	X	142 364
		1997.. 9	X	X	74 823
3363401104	Motor vehicle brake cylinders, master, sold separately, new	2002.. 12	X	X	206 523
		1997.. 13	X	X	240 686
33634012	Motor vehicle brake assemblies, drum (backing plates, shoes, linings (except asbestos), cylinders, etc.), sold together, new	2002.. N	X	X	2 800 525
		1997.. N	X	X	1 134 743
3363401211	Motor vehicle brake assemblies, drum (backing plates, shoes, linings (except asbestos), cylinders, etc.), sold together, new	2002.. 26	X	X	2 800 525
		1997.. 28	X	X	1 134 743
33634013	Motor vehicle brake assemblies, disc-caliper (rotors, calipers, pads (except asbestos), cylinders, etc.), sold together, new	2002.. N	X	X	2 058 947
		1997.. N	X	X	2 150 367
3363401313	Motor vehicle brake assemblies, disc-caliper (rotors, calipers, pads (except asbestos), cylinders, etc.), sold together, new	2002.. 33	X	X	2 058 947
		1997.. 26	X	X	2 150 367
33634014	Motor vehicle brake drums, with or without hub, sold separately, new	2002.. N	X	X	476 544
		1997.. N	X	X	363 224
3363401416	Motor vehicle brake drums, with or without hub, sold separately, new	2002.. 20	X	X	476 544
		1997.. 14	X	X	363 224
33634015	Motor vehicle brake rotors-discs, with or without hub, sold separately, new	2002.. N	X	X	1 236 852
		1997.. N	X	X	594 435
3363401519	Motor vehicle brake rotors-discs, with or without hub, sold separately, new	2002.. 18	X	X	1 236 852
		1997.. 15	X	X	594 435
33634016	Motor vehicle brake linings, metallic or semimetallic (except asbestos), new	2002.. N	X	X	387 337
		1997.. N	X	X	545 716
3363401625	Motor vehicle brake linings, metallic or semimetallic (except asbestos), new	2002.. 13	X	X	387 337
		1997.. 26	X	X	545 716
33634017	Motor vehicle brake parts and assemblies, other types, new	2002.. N	X	X	4 507 520
		1997.. N	X	X	4 701 295
3363401707	Motor vehicle brake valves, new	2002.. 10	X	X	D
		1997.. 12	X	X	638 445
3363401722	Motor vehicle brake shoes, with or without lining, sold separately, new	2002.. 19	X	X	414 847
		1997.. 21	X	X	266 875
3363401737	Motor vehicle brake power actuation units, air, new	2002.. 10	X	X	232 896
		1997.. 7	X	X	226 671
3363401741	Motor vehicle brake power actuation units, hydraulic, new	2002.. 11	X	X	462 443
		1997.. 10	X	X	D
3363401744	Motor vehicle brake power actuation units, vacuum, new	2002.. 4	X	X	D
		1997.. 6	X	X	D
3363401745	Motor vehicle brake hose assemblies, new	2002.. 14	X	X	396 537
		1997.. 13	X	X	336 541
3363401747	Motor vehicle brake parts and assemblies, all other types, new	2002.. 51	X	X	2 024 355
		1997.. 65	X	X	2 488 043
3363401Y	Motor vehicle brake parts and assemblies, new, nsk	2002.. N	X	X	72 057
		1997.. N	X	X	28 443
3363401YVV	Motor vehicle brake parts and assemblies, new, nsk	2002.. N	X	X	72 057

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
336340	Motor vehicle brake system manufacturing—Con.					
3363401	Motor vehicle brake parts and assemblies, new—Con.					
3363401Y	Motor vehicle brake parts and assemblies, new, nsk—Con.					
3363401YVV	Motor vehicle brake parts and assemblies, new, nsk—Con.					
		1997..	N	X	X	28 443
3363403	Motor vehicle brake parts and assemblies, rebuilt .....	2002..	N	X	X	407 363
		1997..	N	X	X	464 353
33634031	Motor vehicle brake parts and assemblies, rebuilt .....	2002..	N	X	X	394 959
		1997..	N	X	X	464 353
3363403101	Motor vehicle brake assemblies, shoe (drum brake), rebuilt .....	2002..	10	X	X	78 669
		1997..	14	X	X	94 960
3363403104	Motor vehicle brake assemblies, caliper (disc brake), rebuilt .....	2002..	17	X	X	169 623
		1997..	26	X	X	180 241
3363403107	Motor vehicle brake master cylinders, rebuilt .....	2002..	2	X	X	D
		1997..	11	X	X	52 378
3363403111	Motor vehicle brake power actuation units, air, rebuilt .....	2002..	3	X	X	D
		1997..	6	X	X	D
3363403114	Motor vehicle brake power actuation units, vacuum, rebuilt .....	2002..	2	X	X	D
		1997..	2	X	X	D
3363403117	Motor vehicle brake power actuation units, hydraulic, rebuilt .....	2002..	2	X	X	D
		1997..	1	X	X	D
3363403121	Motor vehicle brake parts and assemblies, other types, rebuilt .....	2002..	9	X	X	52 913
		1997..	11	X	X	33 252
3363403Y	Motor vehicle brake parts and assemblies, rebuilt, nsk .....	2002..	N	X	X	12 404
		1997..	N	X	X	—
3363403YVV	Motor vehicle brake parts and assemblies, rebuilt, nsk .....	2002..	N	X	X	12 404
		1997..	N	X	X	—
336340W	Motor vehicle brake system manufacturing, nsk, total .....	2002..	N	X	X	165 924
		1997..	N	X	X	83 756
336340WY	Motor vehicle brake system manufacturing, nsk, total .....	2002..	N	X	X	165 924
		1997..	N	X	X	83 756
336340WYWW	Motor vehicle brake system manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	78 876
		1997..	N	X	X	27 360
336340WYWY	Motor vehicle brake system manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	87 048
		1997..	N	X	X	56 396
336350	Motor vehicle transmission and power train parts manufacturing .....	2002..	N	X	X	35 522 798
		1997..	N	X	X	30 504 019
3363501	Motor vehicle drive train components, new .....	2002..	N	X	X	34 195 727
		1997..	N	X	X	29 758 088
33635011	Transmissions, except auxiliary and parts, new, car and light truck .....	2002..	N	X	X	10 630 561
		1997..	N	X	X	8 860 582
3363501101	Transmissions, except auxiliary and parts, new, car and light truck, manual .....	2002..	19	X	X	1 579 934
		1997..	17	X	X	417 879
3363501104	Transmissions, except auxiliary and parts, new, car and light truck, automatic .....	2002..	23	X	X	9 050 627
		1997..	17	X	X	8 442 703
33635012	Transmissions, except auxiliary and parts, new, heavy truck and bus .....	2002..	N	X	X	3 140 409
		1997..	N	X	X	2 235 656
3363501207	Transmissions, except auxiliary and parts, new, heavy truck and bus, manual .....	2002..	16	X	X	1 417 766
		1997..	11	X	X	D
3363501211	Transmissions, except auxiliary and parts, new, heavy truck and bus, automatic .....	2002..	15	X	X	1 722 643
		1997..	7	X	X	D
33635013	Transmission parts, new, manual and automatic .....	2002..	N	X	X	3 950 107
		1997..	N	X	X	1 919 508
3363501313	Transmission parts, new, manual .....	2002..	18	X	X	413 770
		1997..	23	X	X	271 240
3363501316	Transmission parts, new, automatic .....	2002..	41	X	X	3 536 337
		1997..	36	X	X	1 648 268
33635014	Motor vehicle axles, including parts, new .....	2002..	N	X	X	10 882 139
		1997..	N	X	X	9 534 969
3363501435	Motor vehicle axles, new .....	2002..	36	X	X	9 581 185
		1997..	N	X	X	N
3363501436	Motor vehicle axle parts, new .....	2002..	25	X	X	1 300 954
		1997..	N	X	X	N
33635015	Motor vehicle drive train components, other types, except wheels and brakes, new .....	2002..	N	X	X	5 458 968
		1997..	N	X	X	7 108 158
3363501519	Motor vehicle transaxles, new .....	2002..	9	X	X	240 976
		1997..	9	X	X	1 421 567
3363501522	Motor vehicle clutch disc and facing assemblies, new .....	2002..	21	X	X	746 784
		1997..	28	X	X	778 212
3363501525	Motor vehicle gear shifters, new .....	2002..	14	X	X	220 268
		1997..	16	X	X	106 781
3363501528	Motor vehicle drive shafts, new .....	2002..	25	X	X	1 997 720
		1997..	20	X	X	1 512 203
3363501531	Motor vehicle universal joints, new .....	2002..	10	X	X	182 340
		1997..	11	X	X	464 926
3363501537	Motor vehicle wheel hubs, sold separately, new .....	2002..	19	X	X	532 306
		1997..	16	X	X	260 762
3363501541	Motor vehicle drive train components, all other types, except wheels and brakes, new .....	2002..	49	X	X	1 538 574
		1997..	57	X	X	2 563 707
3363501Y	Motor vehicle drive train components, new, nsk .....	2002..	N	X	X	133 543
		1997..	N	X	X	99 215
3363501YVV	Motor vehicle drive train components, new, nsk .....	2002..	N	X	X	133 543
		1997..	N	X	X	99 215

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336350	Motor vehicle transmission and power train parts manufacturing— Con.				
3363503	Motor vehicle drive train components, rebuilt	2002.. N	X	X	945 328
		1997.. N	X	X	529 550
33635031	Motor vehicle drive train components, rebuilt	2002.. N	X	X	939 687
		1997.. N	X	X	529 550
3363503101	Motor vehicle clutch discs and pressure plates, rebuilt	2002.. 9	X	X	85 209
		1997.. 16	X	X	86 044
3363503104	Transmissions, including drive lines and axles, rebuilt, car and light truck, automatic	2002.. 16	X	X	668 746
		1997.. 21	X	X	277 263
3363503107	Transmissions, including drive lines and axles, rebuilt, car and light truck, manual	2002.. 5	X	X	D
		1997.. 5	X	X	10 130
3363503111	Transmissions, including drive lines and axles, rebuilt, heavy truck and bus	2002.. 8	X	X	D
		1997.. 5	X	X	32 537
3363503114	Transmission parts, other types (including clutch and facing assemblies, gear shifters, universal joints, and wheel hubs), rebuilt	2002.. 8	X	X	49 397
		1997.. 10	X	X	46 751
3363503117	Motor vehicle drive train components and parts, other types, rebuilt	2002.. 12	X	X	59 833
		1997.. 17	X	X	76 825
3363503Y	Motor vehicle drive train components, rebuilt, nsk	2002.. N	X	X	5 641
		1997.. N	X	X	—
3363503YVW	Motor vehicle drive train components, rebuilt, nsk	2002.. N	X	X	5 641
		1997.. N	X	X	—
336350W	Motor vehicle transmission and power train parts manufacturing, nsk, total	2002.. N	X	X	381 743
		1997.. N	X	X	216 381
336350WY	Motor vehicle transmission and power train parts manufacturing, nsk, total	2002.. N	X	X	381 743
		1997.. N	X	X	216 381
336350WYWW	Motor vehicle transmission and power train parts manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	219 241
		1997.. N	X	X	98 656
336350WYWY	Motor vehicle transmission and power train parts manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	162 502
		1997.. N	X	X	117 725
336360	Motor vehicle seating and interior trim manufacturing	2002.. N	X	X	16 316 496
		1997.. N	X	X	11 798 295
3363601	Automobile trimmings	2002.. N	X	X	4 026 002
		1997.. N	X	X	4 063 088
33636011	Automobile trimmings	2002.. N	X	X	4 026 002
		1997.. N	X	X	4 063 088
3363601100	Automobile trimmings	2002.. 59	X	X	4 026 002
		1997.. 58	X	X	4 063 088
3363602	Fabricated seat and safety belts, including shoulder harnesses (except leather)	2002.. N	X	X	624 883
		1997.. N	X	X	614 974
33636021	Fabricated seat and safety belts, including shoulder harnesses (except leather)	2002.. N	X	X	624 883
		1997.. N	X	X	614 974
3363602100	Fabricated seat and safety belts, including shoulder harnesses (except leather)	2002.. 25	X	X	624 883
		1997.. 20	X	X	614 974
3363603	Seats, public conveyance and aircraft	2002.. N	X	X	9 486 352
		1997.. N	X	X	6 958 943
33636031	Seats, public conveyance and aircraft	2002.. N	X	X	9 486 352
		1997.. N	X	X	6 941 843
3363603101	Seats, public conveyances (including automobiles, trucks, buses, and van conversions), except aircraft	2002.. 46	X	X	8 986 767
		1997.. 70	X	X	6 545 096
3363603104	Seats, aircraft	2002.. 19	X	X	499 585
		1997.. 9	X	X	396 747
3363603Y	Seats, public conveyance and aircraft, nsk	2002.. N	X	X	—
		1997.. N	X	X	17 100
3363603YVW	Seats, public conveyance and aircraft, nsk	2002.. N	X	X	—
		1997.. N	X	X	17 100
3363605	Fabricated automobile covers, seat and tire	2002.. N	X	X	614 987
		1997.. N	X	X	N
33636051	Fabricated automobile covers, seat and tire	2002.. N	X	X	614 987
		1997.. N	X	X	N
3363605100	Fabricated automobile covers, seat and tire	2002.. 30	X	X	614 987
		1997.. N	X	X	N
3363607	Motor vehicle seat frames, metal	2002.. N	X	X	1 210 746
		1997.. N	X	X	N
33636071	Motor vehicle seat frames, metal	2002.. N	X	X	1 210 746
		1997.. N	X	X	N
3363607100	Motor vehicle seat frames, metal	2002.. 41	X	X	1 210 746
		1997.. N	X	X	N
336360W	Motor vehicle seating and interior trim manufacturing, nsk, total	2002.. N	X	X	353 526
		1997.. N	X	X	161 290
336360WY	Motor vehicle seating and interior trim manufacturing, nsk, total	2002.. N	X	X	353 526
		1997.. N	X	X	161 290
336360WYWW	Motor vehicle seating and interior trim manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	238 670
		1997.. N	X	X	139 489
336360WYWY	Motor vehicle seating and interior trim manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	114 856
		1997.. N	X	X	21 801

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336370	Motor vehicle metal stamping .....	2002.. N	X	X	24 793 466
		1997.. N	X	X	22 678 869
3363700	Automotive job stampings (truck, bus, and passenger car) .....	2002.. N	X	X	24 793 466
		1997.. N	X	X	22 678 869
33637001	Automotive job stampings (truck, bus, and passenger car) .....	2002.. N	X	X	24 713 405
		1997.. N	X	X	22 534 654
3363700100	Automotive job stampings (truck, bus, and passenger car) .....	2002.. 756	X	X	24 713 405
		1997.. 783	X	X	22 534 654
3363700Y	Automotive job stampings (truck, bus, and passenger car), nsk, total .....	2002.. N	X	X	80 061
		1997.. N	X	X	144 215
3363700YWW	Automotive job stampings (truck, bus, and passenger car), nsk, for nonadministrative-record establishments .....	2002.. N	X	X	S
		1997.. N	X	X	20
3363700YWY	Automotive job stampings (truck, bus, and passenger car), nsk, for administrative-record establishments .....	2002.. N	X	X	94 283
		1997.. N	X	X	144 195
336391	Motor vehicle air-conditioning manufacturing .....	2002.. N	X	X	4 931 096
		1997.. N	X	X	4 225 742
3363917	Motor vehicle air-conditioning systems, mechanical .....	2002.. N	X	X	3 153 303
		1997.. N	X	X	2 266 279
33639171	Motor vehicle air-conditioning systems, mechanical .....	2002.. N	X	X	3 153 303
		1997.. N	X	X	2 266 279
3363917110	Motor vehicle air-conditioning systems, mechanical, automobiles <sup>39</sup> .....	2002.. 23	X	X	2 861 549
		1997.. 21	X	X	1 592 434
3363917120	Motor vehicle air-conditioning systems, mechanical, buses <sup>39</sup> .....	2002.. 8	X	X	146 541
		1997.. 9	X	X	143 004
3363917130	Motor vehicle air-conditioning systems, mechanical, other types <sup>39</sup> .....	2002.. 14	X	X	145 213
		1997.. 12	X	X	530 841
3363917Y	Motor vehicle air-conditioning systems, mechanical, nsk .....	2002.. N	X	X	-
		1997.. N	X	X	-
3363917YWW	Motor vehicle air-conditioning systems, mechanical, nsk .....	2002.. N	X	X	-
		1997.. N	X	X	-
336391B	Automotive air-conditioning compressors (open-type, with or without motor) .....	2002.. N	X	X	1 760 804
		1997.. N	X	X	1 937 805
336391B1	Automotive air-conditioning compressors (open-type, with or without motor) .....	2002.. N	X	X	1 760 804
		1997.. N	X	X	1 937 805
336391B100	Automotive air-conditioning compressors (open-type, with or without motor) <sup>39</sup> .....	2002.. 22	X	X	1 760 804
		1997.. 13	X	X	1 937 805
336391W	Motor vehicle air-conditioning manufacturing, nsk, total .....	2002.. N	X	X	16 989
		1997.. N	X	X	21 658
336391WY	Motor vehicle air-conditioning manufacturing, nsk, total .....	2002.. N	X	X	16 989
		1997.. N	X	X	21 658
336391WYWW	Motor vehicle air-conditioning manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	311
		1997.. N	X	X	160
336391WYWY	Motor vehicle air-conditioning manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	16 678
		1997.. N	X	X	21 498
336399	All other motor vehicle parts manufacturing .....	2002.. N	X	X	37 519 098
		1997.. N	X	X	35 521 416
3363991	Filters, new, internal combustion engines and motor vehicles .....	2002.. N	X	X	2 918 741
		1997.. N	X	X	2 463 396
33639911	Filters, new, internal combustion engines and motor vehicles .....	2002.. N	X	X	2 833 014
		1997.. N	X	X	2 374 703
3363991101	Filters, new, oil, internal combustion engines and motor vehicles, light-duty (car and light truck) .....	2002.. 15	X	X	950 794
		1997.. 11	X	X	597 632
3363991104	Filters, new, oil, internal combustion engines and motor vehicles, heavy-duty .....	2002.. 9	X	X	350 943
		1997.. 10	X	X	350 201
3363991107	Filters, new, fuel, internal combustion engines and motor vehicles, light-duty (car and light truck) .....	2002.. 13	X	X	279 531
		1997.. 17	X	X	294 291
3363991111	Filters, new, fuel, internal combustion engines and motor vehicles, heavy-duty .....	2002.. 10	X	X	241 956
		1997.. 6	X	X	220 184
3363991113	Filters, new, air, internal combustion engines and motor vehicles, light-duty (car and light truck) .....	2002.. 14	X	X	398 344
		1997.. 19	X	X	387 326
3363991116	Filters, new, air, internal combustion engines and motor vehicles, heavy-duty .....	2002.. 8	X	X	388 498
		1997.. 9	X	X	325 320
3363991119	Filters, new, other types (including coolant and hydraulic), internal combustion engines and motor vehicles, light- (car and light truck) and heavy-duty .....	2002.. 9	X	X	222 948
		1997.. 12	X	X	199 749
3363991Y	Filters, new, internal combustion engines and motor vehicles, nsk .....	2002.. N	X	X	85 727
		1997.. N	X	X	88 693
3363991YWW	Filters, new, internal combustion engines and motor vehicles, nsk .....	2002.. N	X	X	85 727
		1997.. N	X	X	88 693
3363993	Exhaust system parts, new .....	2002.. N	X	X	7 230 999
		1997.. N	X	X	5 035 692
33639931	Exhaust system parts, new .....	2002.. N	X	X	7 216 285
		1997.. N	X	X	4 999 226
3363993101	Exhaust system mufflers (including standard, sport, and glass pack) and resonators, new, motor vehicles .....	2002.. 39	X	X	1 954 795

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336399	All other motor vehicle parts manufacturing—Con.				
3363993	Exhaust system parts, new—Con.				
33639931	Exhaust system parts, new—Con.				
3363993101	Exhaust system mufflers (including standard, sport, and glass pack) and resonators, new, motor vehicles—Con.				
		1997..	29	X	X
3363993104	Exhaust system pipes (including exhaust, intermediate, connecting, crossover, tail, and side) .....	2002..	48	X	X
		1997..	37	X	X
3363993107	Exhaust system catalytic converters, new, motor vehicles .....	2002..	21	X	X
		1997..	18	X	X
3363993Y	Exhaust system parts, new, nsk .....	2002..	N	X	X
		1997..	N	X	X
3363993YVV	Exhaust system parts, new, nsk .....	2002..	N	X	X
		1997..	N	X	X
3363995	Motor vehicle wheels, new .....	2002..	N	X	X
		1997..	N	X	X
33639951	Motor vehicle wheels, new .....	2002..	N	X	X
		1997..	N	X	X
3363995101	Wheels, new, steel, car and light truck .....	2002..	10	X	X
		1997..	14	X	X
3363995104	Wheels, new, aluminum, car and light truck .....	2002..	20	X	X
		1997..	23	X	X
3363995107	Wheels, new, other types (including combination), car and light truck .....	2002..	7	X	X
		1997..	6	X	X
3363995111	Wheels, new, heavy truck and bus (including truck trailers and trailer coaches) .....	2002..	10	X	X
		1997..	12	X	X
3363995Y	Motor vehicle wheels, new, nsk .....	2002..	N	X	X
		1997..	N	X	X
3363995YVV	Motor vehicle wheels, new, nsk .....	2002..	N	X	X
		1997..	N	X	X
3363996	Trailer hitches (including travel, automobile, and light duty truck) .....	2002..	N	X	X
		1997..	N	X	X
33639961	Trailer hitches (including travel, automobile, and light duty truck) .....	2002..	N	X	X
		1997..	N	X	X
3363996100	Trailer hitches (including travel, automobile, and light duty truck) .....	2002..	33	X	X
		1997..	N	X	X
3363998	All other motor vehicle parts and accessories, new and rebuilt .....	2002..	N	X	X
		1997..	N	X	X
33639981	Motor vehicle bumper assemblies, bumpers, and parts, new .....	2002..	N	X	X
		1997..	N	X	X
3363998103	Motor vehicle bumper assemblies, bumpers, and parts, new, cars and light trucks (10,000 lb GVW and less) .....	2002..	29	X	X
		1997..	N	X	X
3363998105	Motor vehicle bumper assemblies, bumpers, and parts, new, heavy trucks (greater than 10,000 lb GVW) .....	2002..	15	X	X
		1997..	N	X	X
33639982	Motor vehicle frames, new .....	2002..	N	X	X
		1997..	N	X	X
3363998204	Motor vehicle frames, new .....	2002..	18	X	X
		1997..	N	X	X
33639983	Motor vehicle fuel tanks, new .....	2002..	N	X	X
		1997..	N	X	X
3363998307	Motor vehicle fuel tanks, new .....	2002..	16	X	X
		1997..	N	X	X
33639984	Radiators, radiator shells, and cores, new .....	2002..	N	X	X
		1997..	N	X	X
3363998401	Radiators, complete, new, gasoline engine, motor vehicles .....	2002..	22	X	X
		1997..	N	X	X
3363998405	Radiator shells and cores, new, gasoline engine, motor vehicles .....	2002..	17	X	X
		1997..	N	X	X
3363998409	Radiators, stationary, new, internal combustion engines, except aircraft and gasoline automotive engines and gas turbines .....	2002..	13	X	X
		1997..	N	X	X
33639985	All other motor vehicle parts, new and rebuilt .....	2002..	N	X	X
		1997..	N	X	X
3363998514	Motor vehicle air-conditioning hose assemblies, new .....	2002..	19	X	X
		1997..	N	X	X
3363998524	Motor vehicle windshield wiper blades, new .....	2002..	7	X	X
		1997..	N	X	X
3363998525	Liftgates, truck and trailer, new .....	2002..	10	X	X
		1997..	N	X	X
3363998527	Motor vehicle convertible tops, new .....	2002..	15	X	X
		1997..	N	X	X
3363998531	Motor vehicle sunroofs, including parts, new .....	2002..	11	X	X
		1997..	N	X	X
3363998532	Motor vehicle doors, new .....	2002..	7	X	X
		1997..	N	X	X
3363998534	Motor vehicle air bag assemblies, including parts, new .....	2002..	21	X	X
		1997..	N	X	X
3363998537	Motor vehicle heater cores, new .....	2002..	2	X	X
		1997..	N	X	X
3363998541	Motor vehicle racks, luggage and utility .....	2002..	12	X	X
		1997..	N	X	X
3363998550	All other motor vehicle parts and accessories, new .....	2002..	350	X	X
		1997..	N	X	X
3363998554	All other motor vehicle parts, except carburetors and engine electrical equipment, rebuilt .....	2002..	38	X	X
		1997..	N	X	X
3363998Y	All other motor vehicle parts and accessories, new and rebuilt, nsk .....	2002..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336399	All other motor vehicle parts manufacturing—Con.				
3363998	All other motor vehicle parts and accessories, new and rebuilt—Con.				
3363998Y	All other motor vehicle parts and accessories, new and rebuilt, nsk—Con.				
3363998YVV	All other motor vehicle parts and accessories, new and rebuilt, nsk	1997.. N	X	X	N
		2002.. N	X	X	423 032
		1997.. N	X	X	N
336399W	All other motor vehicle parts manufacturing, nsk, total	2002.. N	X	X	2 808 771
		1997.. N	X	X	1 891 490
336399WY	All other motor vehicle parts manufacturing, nsk, total	2002.. N	X	X	2 808 771
		1997.. N	X	X	1 891 490
336399WYVV	All other motor vehicle parts manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	2 323 290
		1997.. N	X	X	1 600 165
336399WYVY	All other motor vehicle parts manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	485 481
		1997.. N	X	X	291 325
336411	Aircraft manufacturing	2002.. N	X	X	61 184 222
		1997.. N	X	X	51 484 454
3364112	Aircraft, military (including U.S. military and aircraft built to military specifications)	2002.. N	X	X	14 395 959
		1997.. N	X	X	N
33641121	Aircraft, military (including U.S. military and aircraft built to military specifications)	2002.. N	X	X	14 395 959
		1997.. N	X	X	N
3364112100	Aircraft, military (including U.S. military and aircraft built to military specifications)	2002.. 20	X	X	14 395 959
		1997.. N	X	X	N
3364113	Aircraft, civilian	2002.. N	X	X	35 432 149
		1997.. N	X	X	30 690 008
33641131	Aircraft, civilian	2002.. N	X	X	35 432 149
		1997.. N	X	X	30 690 008
3364113100	Aircraft, civilian <sup>52</sup>	2002.. 36	X	X	35 432 149
		1997.. 36	X	X	30 690 008
3364115	Modification, conversion, and overhaul of previously accepted aircraft	2002.. N	X	X	6 162 278
		1997.. N	X	X	5 084 547
33641151	Modification, conversion, and overhaul of previously accepted aircraft	2002.. N	X	X	5 690 587
		1997.. N	X	X	5 034 734
3364115101	Modification, conversion, and overhaul of previously accepted aircraft, military (including U.S. military and aircraft built to military specifications)	2002.. 15	X	X	3 372 795
		1997.. 15	X	X	3 683 926
3364115104	Modification, conversion, and overhaul of previously accepted aircraft, civilian	2002.. 44	X	X	2 317 792
		1997.. 39	X	X	1 350 808
3364115Y	Modification, conversion, and overhaul of previously accepted aircraft, nsk	2002.. N	X	X	471 691
		1997.. N	X	X	49 813
3364115YVV	Modification, conversion, and overhaul of previously accepted aircraft, nsk	2002.. N	X	X	471 691
		1997.. N	X	X	49 813
3364117	All other aeronautical services on complete aircraft	2002.. N	X	X	4 853 434
		1997.. N	X	X	3 413 659
33641171	All other aeronautical services on complete aircraft	2002.. N	X	X	4 758 542
		1997.. N	X	X	3 393 069
3364117101	Research and development on complete aircraft, military	2002.. 7	X	X	2 925 449
		1997.. 5	X	X	675 582
3364117104	All other aeronautical services on complete aircraft, military	2002.. 5	X	X	D
		1997.. 12	X	X	1 205 119
3364117107	Research and development on complete aircraft, civilian	2002.. 4	X	X	D
		1997.. 5	X	X	D
3364117111	All other aeronautical services on complete aircraft, civilian	2002.. 16	X	X	1 011 331
		1997.. 17	X	X	D
3364117Y	All other aeronautical services on complete aircraft, nsk	2002.. N	X	X	94 892
		1997.. N	X	X	20 590
3364117YVV	All other aeronautical services on complete aircraft, nsk	2002.. N	X	X	94 892
		1997.. N	X	X	20 590
336411W	Aircraft manufacturing, nsk, total	2002.. N	X	X	340 402
		1997.. N	X	X	396 769
336411WY	Aircraft manufacturing, nsk, total	2002.. N	X	X	340 402
		1997.. N	X	X	396 769
336411WYVV	Aircraft manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	335 380
		1997.. N	X	X	396 769
336411WYVY	Aircraft manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	5 022
		1997.. N	X	X	-
336412	Aircraft engine and engine parts manufacturing	2002.. N	X	X	20 630 937
		1997.. N	X	X	20 077 240
3364121	Aircraft engines, military (including engines built to military specifications)	2002.. N	X	X	1 796 734
		1997.. N	X	X	1 714 270
33641211	Aircraft engines, military (including engines built to military specifications)	2002.. N	X	X	1 796 734
		1997.. N	X	X	1 714 270
3364121100	Aircraft engines, military (including engines built to military specifications)	2002.. 27	X	X	1 796 734
		1997.. 21	X	X	1 714 270

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336412	Aircraft engine and engine parts manufacturing—Con.				
3364123	Aircraft engines, civilian . . . . .	2002.. N	X	X	5 878 030
		1997.. N	X	X	5 372 076
33641231	Aircraft engines, civilian . . . . .	2002.. N	X	X	5 878 030
		1997.. N	X	X	5 372 076
3364123100	Aircraft engines, civilian <sup>52</sup> . . . . .	2002.. 57	X	X	5 878 030
		1997.. 42	X	X	5 372 076
3364125	Aeronautical services on aircraft engines . . . . .	2002.. N	X	X	3 412 413
		1997.. N	X	X	3 220 840
33641251	Aeronautical services on aircraft engines . . . . .	2002.. N	X	X	3 152 882
		1997.. N	X	X	3 008 837
3364125101	Research and development on aircraft engines, military (including engines built to military specifications) . . . . .	2002.. 8	X	X	D
		1997.. 9	X	X	D
3364125104	Research and development on aircraft engines, civilian . . . . .	2002.. 6	X	X	D
		1997.. 8	X	X	D
3364125107	All other aeronautical services on aircraft engines, military (including engines built to military specifications) . . . . .	2002.. 11	X	X	517 319
		1997.. 15	X	X	732 241
3364125111	All other aeronautical services on aircraft engines, civilian . . . . .	2002.. 21	X	X	2 394 033
		1997.. 20	X	X	1 513 859
3364125Y	Aeronautical services on aircraft engines, nsk . . . . .	2002.. N	X	X	259 531
		1997.. N	X	X	212 003
3364125YVW	Aeronautical services on aircraft engines, nsk . . . . .	2002.. N	X	X	259 531
		1997.. N	X	X	212 003
3364127	Aircraft engine parts and accessories . . . . .	2002.. N	X	X	9 122 479
		1997.. N	X	X	9 355 897
33641271	Parts and accessories for spark ignition reciprocating and rotary internal combustion aircraft engines, military . . . . .	2002.. N	X	X	930 944
		1997.. N	X	X	1 880 583
3364127101	Parts and accessories for spark ignition reciprocating and rotary internal combustion aircraft engines, military . . . . .	2002.. 34	X	X	930 944
		1997.. 32	X	X	1 880 583
33641272	Parts and accessories for other aircraft engines, military . . . . .	2002.. N	X	X	1 205 826
		1997.. N	X	X	646 988
3364127204	Parts and accessories for other aircraft engines, military . . . . .	2002.. 59	X	X	1 205 826
		1997.. 67	X	X	646 988
33641273	Parts and accessories for spark ignition reciprocating and rotary internal combustion aircraft engines, civilian . . . . .	2002.. N	X	X	3 054 431
		1997.. N	X	X	4 158 356
3364127307	Parts and accessories for spark ignition reciprocating and rotary internal combustion aircraft engines, civilian . . . . .	2002.. 53	X	X	3 054 431
		1997.. 59	X	X	4 158 356
33641274	Parts and accessories for other aircraft engines, civilian . . . . .	2002.. N	X	X	3 479 655
		1997.. N	X	X	2 058 653
3364127411	Parts and accessories for other aircraft engines, civilian . . . . .	2002.. 75	X	X	3 479 655
		1997.. 84	X	X	2 058 653
3364127Y	Aircraft engine parts and accessories, nsk . . . . .	2002.. N	X	X	451 623
		1997.. N	X	X	611 317
3364127YVW	Aircraft engine parts and accessories, nsk . . . . .	2002.. N	X	X	451 623
		1997.. N	X	X	611 317
336412W	Aircraft engine and engine parts manufacturing, nsk, total . . . . .	2002.. N	X	X	421 281
		1997.. N	X	X	414 157
336412WY	Aircraft engine and engine parts manufacturing, nsk, total . . . . .	2002.. N	X	X	421 281
		1997.. N	X	X	414 157
336412WYVW	Aircraft engine and engine parts manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002.. N	X	X	285 818
		1997.. N	X	X	364 729
336412WYVY	Aircraft engine and engine parts manufacturing, nsk, for administrative-record establishments . . . . .	2002.. N	X	X	135 463
		1997.. N	X	X	49 428
336413	Other aircraft parts and auxiliary equipment manufacturing . . . . .	2002.. N	X	X	21 115 127
		1997.. N	X	X	22 917 132
3364131	Aircraft propellers and helicopter rotors . . . . .	2002.. N	X	X	1 492 067
		1997.. N	X	X	1 021 234
33641311	Aircraft propellers and helicopter rotors . . . . .	2002.. N	X	X	1 492 067
		1997.. N	X	X	984 211
3364131101	Aircraft propellers, except helicopter rotors, complete . . . . .	2002.. 12	X	X	348 681
		1997.. 10	X	X	100 679
3364131104	Aircraft propeller blades . . . . .	2002.. 11	X	X	D
		1997.. 10	X	X	80 490
3364131107	Aircraft propeller parts, except blades . . . . .	2002.. 10	X	X	44 872
		1997.. 10	X	X	95 390
3364131111	Helicopter rotors and parts . . . . .	2002.. 27	X	X	D
		1997.. 29	X	X	707 652
3364131Y	Aircraft propellers and helicopter rotors, nsk . . . . .	2002.. N	X	X	—
		1997.. N	X	X	37 023
3364131YVW	Aircraft propellers and helicopter rotors, nsk . . . . .	2002.. N	X	X	—
		1997.. N	X	X	37 023
3364133	Research and development on aircraft parts, except engines . . . . .	2002.. N	X	X	603 960
		1997.. N	X	X	1 120 600
33641331	Research and development on aircraft parts, except engines) . . . . .	2002.. N	X	X	603 960
		1997.. N	X	X	1 113 827
3364133101	Research and development on aircraft parts, except engines, military (including parts built to military specifications) . . . . .	2002.. 22	X	X	562 069
		1997.. 22	X	X	1 042 508
3364133104	Research and development on aircraft parts, except engines, civilian . . . . .	2002.. 18	X	X	41 891
		1997.. 18	X	X	71 319
3364133Y	Research and development on aircraft parts, except engines, nsk . . . . .	2002.. N	X	X	—
		1997.. N	X	X	6 773
3364133YVW	Research and development on aircraft parts, except engines, nsk . . . . .	2002.. N	X	X	—

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
336413	Other aircraft parts and auxiliary equipment manufacturing—Con.					
3364133	Research and development on aircraft parts, except engines—Con.					
3364133Y	Research and development on aircraft parts, except engines, nsk—Con.					
3364133YVW	Research and development on aircraft parts, except engines, nsk—Con.					
		1997..	N	X	X	6 773
3364136	Aircraft parts and auxiliary equipment, except hydraulic and pneumatic subassemblies and engines .....	2002..	N	X	X	17 915 429
		1997..	N	X	X	N
33641361	Aircraft mechanical power transmission equipment, military and civilian .....	2002..	N	X	X	1 926 206
		1997..	N	X	X	N
3364136101	Aircraft mechanical power transmission equipment, military (including equipment built to military specifications) .....	2002..	35	X	X	1 014 146
		1997..	N	X	X	N
3364136104	Aircraft mechanical power transmission equipment, civilian .....	2002..	34	X	X	912 060
		1997..	N	X	X	N
33641362	Aircraft landing gear, military and civilian .....	2002..	N	X	X	3 425 643
		1997..	N	X	X	N
3364136207	Aircraft landing gear, military (including gear built to military specifications) .....	2002..	23	X	X	572 471
		1997..	N	X	X	N
3364136211	Aircraft landing gear, civilian .....	2002..	35	X	X	2 853 172
		1997..	N	X	X	N
33641363	Other aircraft subassemblies and parts, military (including parts built to military specifications) .....	2002..	N	X	X	4 941 724
		1997..	N	X	X	N
3364136313	Other aircraft subassemblies and parts, military (including parts built to military specifications) .....	2002..	143	X	X	4 941 724
		1997..	N	X	X	N
33641364	Other aircraft subassemblies and parts, civilian .....	2002..	N	X	X	7 570 017
		1997..	N	X	X	N
3364136416	Other aircraft subassemblies and parts, civilian .....	2002..	185	X	X	7 570 017
		1997..	N	X	X	N
3364136Y	Aircraft parts and auxiliary equipment, except hydraulic and pneumatic subassemblies and engines, nsk .....	2002..	N	X	X	51 839
		1997..	N	X	X	N
3364136YVW	Aircraft parts and auxiliary equipment, except hydraulic and pneumatic subassemblies and engines, nsk .....	2002..	N	X	X	51 839
		1997..	N	X	X	N
336413W	Other aircraft parts and auxiliary equipment manufacturing, nsk, total .....	2002..	N	X	X	1 103 671
		1997..	N	X	X	893 582
336413WY	Other aircraft parts and auxiliary equipment manufacturing, nsk, total .....	2002..	N	X	X	1 103 671
		1997..	N	X	X	893 582
336413WYVW	Other aircraft parts and auxiliary equipment manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	885 346
		1997..	N	X	X	418 876
336413WYVY	Other aircraft parts and auxiliary equipment manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	218 325
		1997..	N	X	X	474 706
336414	Guided missile and space vehicle manufacturing .....	2002..	N	X	X	10 346 707
		1997..	N	X	X	12 465 433
3364141	Complete guided missiles .....	2002..	N	X	X	3 796 806
		1997..	N	X	X	1 689 379
33641411	Complete guided missiles .....	2002..	N	X	X	3 796 806
		1997..	N	X	X	1 689 379
3364141100	Complete guided missiles .....	2002..	6	X	X	3 796 806
		1997..	5	X	X	1 689 379
3364143	Research and development on complete guided missiles .....	2002..	N	X	X	785 535
		1997..	N	X	X	2 271 322
33641431	Research and development on complete guided missiles .....	2002..	N	X	X	785 535
		1997..	N	X	X	2 271 322
3364143100	Research and development on complete guided missiles .....	2002..	3	X	X	785 535
		1997..	5	X	X	2 271 322
3364145	Other services on complete guided missiles .....	2002..	N	X	X	55 445
		1997..	N	X	X	D
33641451	Other services on complete guided missiles .....	2002..	N	X	X	55 445
		1997..	N	X	X	D
3364145100	Other services on complete guided missiles .....	2002..	4	X	X	55 445
		1997..	3	X	X	D
3364147	Complete space vehicles, except propulsion systems .....	2002..	N	X	X	4 473 244
		1997..	N	X	X	D
33641471	Complete space vehicles, except propulsion systems, U.S. Government military customers .....	2002..	N	X	X	D
		1997..	N	X	X	D
3364147101	Complete space vehicles, except propulsion systems, U.S. Government military customers .....	2002..	5	X	X	D
		1997..	7	X	X	D
33641472	Complete space vehicles, except propulsion systems, other customers .....	2002..	N	X	X	D
		1997..	N	X	X	D
3364147204	Complete space vehicles, except propulsion systems, other customers .....	2002..	6	X	X	D
		1997..	5	X	X	D
3364147Y	Complete space vehicles, except propulsion systems, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—
3364147YVW	Complete space vehicles, except propulsion systems, nsk .....	2002..	N	X	X	—
		1997..	N	X	X	—

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336414	Guided missile and space vehicle manufacturing—Con.				
3364149	Research and development on complete space vehicles .....	2002.. N	X	X	D
		1997.. N	X	X	729 855
33641491	Research and development on complete space vehicles .....	2002.. N	X	X	D
		1997.. N	X	X	729 855
3364149101	Research and development on complete space vehicles, U.S. Government military customers .....	2002.. 3	X	X	D
		1997.. 8	X	X	D
3364149104	Research and development on complete space vehicles, other customers .....	2002.. 4	X	X	D
		1997.. 4	X	X	D
3364149Y	Research and development on complete space vehicles, nsk .....	2002.. N	X	X	-
		1997.. N	X	X	-
3364149YV	Research and development on complete space vehicles, nsk .....	2002.. N	X	X	-
		1997.. N	X	X	-
336414A	All other services on complete space vehicles .....	2002.. N	X	X	D
		1997.. N	X	X	1 099 673
336414A1	All other services on complete space vehicles .....	2002.. N	X	X	D
		1997.. N	X	X	1 099 673
336414A101	All other services on complete space vehicles, U.S. Government military customers .....	2002.. 4	X	X	D
		1997.. 8	X	X	579 050
336414A104	All other services on complete space vehicles, other customers .....	2002.. 4	X	X	D
		1997.. 6	X	X	520 623
336414AY	All other services on complete space vehicles, nsk .....	2002.. N	X	X	32 245
		1997.. N	X	X	-
336414AYV	All other services on complete space vehicles, nsk .....	2002.. N	X	X	32 245
		1997.. N	X	X	-
336414W	Guided missile and space vehicle manufacturing, nsk, total .....	2002.. N	X	X	2 340
		1997.. N	X	X	9 645
336414WY	Guided missile and space vehicle manufacturing, nsk, total .....	2002.. N	X	X	2 340
		1997.. N	X	X	9 645
336414WYV	Guided missile and space vehicle manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	2 340
		1997.. N	X	X	9 645
336414WYVY	Guided missile and space vehicle manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	-
		1997.. N	X	X	-
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing .....	2002.. N	X	X	3 139 844
		1997.. N	X	X	4 743 002
3364151	Complete missiles, space vehicle engines, and propulsion units .....	2002.. N	X	X	2 041 604
		1997.. N	X	X	2 652 635
33641511	Complete missiles, space vehicle engines, and propulsion units, U.S. Government military customers .....	2002.. N	X	X	973 127
		1997.. N	X	X	1 477 061
3364151101	Complete missiles, space vehicle engines, and propulsion units, U.S. Government military customers .....	2002.. 15	X	X	973 127
		1997.. 11	X	X	1 477 061
33641512	Complete missiles, space vehicle engines, and propulsion units, U.S. Government nonmilitary customers .....	2002.. N	X	X	759 017
		1997.. N	X	X	D
3364151204	Complete missiles, space vehicle engines, and propulsion units, U.S. Government nonmilitary customers .....	2002.. 7	X	X	759 017
		1997.. 6	X	X	D
33641513	Complete missiles, space vehicle engines, and propulsion units, other customers .....	2002.. N	X	X	309 460
		1997.. N	X	X	D
3364151307	Complete missiles, space vehicle engines, and propulsion units, other customers .....	2002.. 8	X	X	309 460
		1997.. 9	X	X	D
3364151Y	Complete missiles, space vehicle engines, and propulsion units, nsk .....	2002.. N	X	X	-
		1997.. N	X	X	6 262
3364151YV	Complete missiles, space vehicle engines, and propulsion units, nsk .....	2002.. N	X	X	-
		1997.. N	X	X	6 262
3364153	Research and development on complete missiles, space vehicle engines, and propulsion units .....	2002.. N	X	X	583 875
		1997.. N	X	X	1 273 822
33641531	Research and development on complete missiles, space vehicle engines, and propulsion units .....	2002.. N	X	X	583 875
		1997.. N	X	X	1 273 822
3364153101	Research and development on complete missiles, space vehicle engines, and propulsion units, U.S. Government military customers .....	2002.. 11	X	X	482 640
		1997.. 13	X	X	1 164 926
3364153104	Research and development on complete missiles, space vehicle engines, and propulsion units, U.S. Government nonmilitary customers .....	2002.. 5	X	X	83 081
		1997.. 6	X	X	15 281
3364153107	Research and development on complete missiles, space vehicle engines, and propulsion units, other customers .....	2002.. 6	X	X	18 154
		1997.. 6	X	X	93 615
3364153Y	Research and development on complete missiles, space vehicle engines, and propulsion units, nsk .....	2002.. N	X	X	-
		1997.. N	X	X	-
3364153YV	Research and development on complete missiles, space vehicle engines, and propulsion units, nsk .....	2002.. N	X	X	-
		1997.. N	X	X	-
3364155	Other services on complete missiles, space vehicle engines, and propulsion units .....	2002.. N	X	X	286 978
		1997.. N	X	X	323 683

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing—Con.				
3364155	Other services on complete missiles, space vehicle engines, and propulsion units—Con.				
33641551	Other services on complete missiles, space vehicle engines, and propulsion units .....	2002.. N	X	X	286 978
		1997.. N	X	X	323 683
3364155101	Other services on complete missiles, space vehicle engines, and propulsion units, U.S. Government military customers .....	2002.. 9	X	X	D
		1997.. 9	X	X	D
3364155104	Other services on complete missiles, space vehicle engines, and propulsion units, U.S. Government nonmilitary customers .....	2002.. 3	X	X	D
		1997.. 4	X	X	D
3364155107	Other services on complete missiles, space vehicle engines, and propulsion units, other customers .....	2002.. 3	X	X	D
		1997.. 3	X	X	D
3364155Y	Other services on complete missiles, space vehicle engines, and propulsion units, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
3364155YVW	Other services on complete missiles, space vehicle engines, and propulsion units, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	—
3364157	Missile and space vehicle engine and propulsion parts and accessories .....	2002.. N	X	X	221 516
		1997.. N	X	X	461 637
33641571	Missile and space vehicle engine and propulsion parts and accessories .....	2002.. N	X	X	216 847
		1997.. N	X	X	461 569
3364157101	Missile and space vehicle engine and propulsion parts and accessories, U.S. Government military customers .....	2002.. 10	X	X	136 840
		1997.. 18	X	X	323 009
3364157104	Missile and space vehicle engine and propulsion parts and accessories, U.S. Government nonmilitary customers .....	2002.. 3	X	X	D
		1997.. 11	X	X	48 500
3364157107	Missile and space vehicle engine and propulsion parts and accessories, other customers .....	2002.. 10	X	X	D
		1997.. 17	X	X	90 060
3364157Y	Missile and space vehicle engine and propulsion parts and accessories, nsk .....	2002.. N	X	X	4 669
		1997.. N	X	X	68
3364157YVW	Missile and space vehicle engine and propulsion parts and accessories, nsk .....	2002.. N	X	X	4 669
		1997.. N	X	X	68
336415W	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing, nsk, total .....	2002.. N	X	X	5 871
		1997.. N	X	X	31 225
336415WY	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing, nsk, total .....	2002.. N	X	X	5 871
		1997.. N	X	X	31 225
336415WYVW	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	444
		1997.. N	X	X	31 225
336415WYVY	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	5 427
		1997.. N	X	X	—
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing .....	2002.. N	X	X	2 864 900
		1997.. N	X	X	2 874 097
3364191	Missile and space vehicle components, parts, and subassemblies .....	2002.. N	X	X	2 607 751
		1997.. N	X	X	2 524 432
33641911	Missile and space vehicle airframes and space capsules, U.S. Government military customers .....	2002.. N	X	X	22 943
		1997.. N	X	X	266 391
3364191101	Missile and space vehicle airframes, U.S. Government military customers .....	2002.. 5	X	X	D
		1997.. 8	X	X	D
3364191104	Missile and space capsules, U.S. Government military customers .....	2002.. 1	X	X	D
		1997.. 3	X	X	D
33641912	All other missile and space vehicle components, parts, and subassemblies, U.S. Government military customers .....	2002.. N	X	X	1 339 292
		1997.. N	X	X	764 987
3364191207	All other missile and space vehicle components, parts, and subassemblies, U.S. Government military customers .....	2002.. 21	X	X	1 339 292
		1997.. 32	X	X	764 987
33641913	Missile and space vehicle components, parts, and subassemblies, U.S. Government nonmilitary customers .....	2002.. N	X	X	D
		1997.. N	X	X	1 228 555
3364191311	Missile and space vehicle components, parts, and subassemblies, U.S. Government nonmilitary customers .....	2002.. 8	X	X	D
		1997.. 15	X	X	1 228 555
33641914	Missile and space vehicle components, parts, and subassemblies, other customers .....	2002.. N	X	X	D
		1997.. N	X	X	246 802
3364191413	Missile and space vehicle components, parts, and subassemblies, other customers .....	2002.. 16	X	X	D
		1997.. 17	X	X	246 802
3364191Y	Missile and space vehicle components, parts, and subassemblies, nsk .....	2002.. N	X	X	278 705
		1997.. N	X	X	17 697
3364191YVW	Missile and space vehicle components, parts, and subassemblies, nsk .....	2002.. N	X	X	278 705

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing—Con.				
3364191	Missile and space vehicle components, parts, and subassemblies—Con.				
3364191Y	Missile and space vehicle components, parts, and subassemblies, nsk—Con.				
3364191YVW	Missile and space vehicle components, parts, and subassemblies, nsk—Con.	1997..	N	X	X 17 697
3364193	Research and development on missile and space vehicle parts and components .....	2002..	N	X	X 205 509
		1997..	N	X	X 329 406
33641931	Research and development on missile and space vehicle parts and components .....	2002..	N	X	X 204 160
		1997..	N	X	X 328 305
3364193101	Research and development on missile and space vehicle airframes and space capsules, U.S. Government military customers .....	2002..	4	X	X 7 587
		1997..	4	X	X D
3364193104	Other research and development on missile and space vehicle parts and components, U.S. Government military customers .....	2002..	7	X	X 110 647
		1997..	8	X	X D
3364193107	Research and development on missile and space vehicle parts and components, U.S. Government nonmilitary customers .....	2002..	3	X	X D
		1997..	7	X	X D
3364193111	Research and development on missile and space vehicle parts and components, other customers .....	2002..	5	X	X D
		1997..	6	X	X D
3364193Y	Research and development on missile and space vehicle parts and components, nsk .....	2002..	N	X	X 1 349
		1997..	N	X	X 1 101
3364193YVW	Research and development on missile and space vehicle parts and components, nsk .....	2002..	N	X	X 1 349
		1997..	N	X	X 1 101
336419W	Other guided missile and space vehicle parts and auxiliary equipment manufacturing, nsk, total .....	2002..	N	X	X 51 640
		1997..	N	X	X 20 259
336419WY	Other guided missile and space vehicle parts and auxiliary equipment manufacturing, nsk, total .....	2002..	N	X	X 51 640
		1997..	N	X	X 20 259
336419WYVW	Other guided missile and space vehicle parts and auxiliary equipment manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X 41 808
		1997..	N	X	X 6 726
336419WYVY	Other guided missile and space vehicle parts and auxiliary equipment manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X 9 832
		1997..	N	X	X 13 533
336510	Railroad rolling stock manufacturing .....	2002..	N	X	X 6 413 312
		1997..	N	X	X 7 697 669
3365101	Locomotives, new and rebuilt, including parts .....	2002..	N	X	X 2 618 077
		1997..	N	X	X 2 952 659
33651011	Locomotives, new and rebuilt, including parts .....	2002..	N	X	X 2 605 268
		1997..	N	X	X 2 952 659
3365101102	Locomotives, diesel-electric, new and rebuilt .....	2002..	14	X	X 2 065 665
		1997..	N	X	X N
3365101111	Locomotives, parts, except fuel lubricating and cooling medium pumps .....	2002..	22	X	X 539 603
		1997..	33	X	X 1 008 824
3365101Y	Locomotives, new and rebuilt, including parts, nsk .....	2002..	N	X	X 12 809
		1997..	N	X	X -
3365101YVW	Locomotives, new and rebuilt, including parts, nsk .....	2002..	N	X	X 12 809
		1997..	N	X	X -
3365103	Train and train cars, freight and passenger, new, except parts .....	2002..	N	X	X 1 111 439
		1997..	N	X	X 2 889 896
33651031	Train and train cars, freight and passenger, new, except parts .....	2002..	N	X	X 1 111 439
		1997..	N	X	X 2 889 896
3365103100	Train and train cars, freight and passenger, new, except parts .....	2002..	18	X	X 1 111 439
		1997..	18	X	X 2 889 896
3365105	Cars (street, subway, trolley, and rapid transit), rebuilt (including parts) and railway maintenance of equipment and parts (including parts and other work and service) .....	2002..	N	X	X 2 463 368
		1997..	N	X	X 1 741 830
33651053	Cars (street, subway, trolley, and rapid transit), rebuilt, including parts .....	2002..	N	X	X 1 473 060
		1997..	N	X	X 388 679
3365105301	Train cars, passenger and freight, rebuilt .....	2002..	17	X	X 535 022
		1997..	17	X	X 133 112
3365105304	Cars (street, subway, trolley, and rapid transit), self-propelled and non-self-propelled, rebuilt .....	2002..	13	X	X 938 038
		1997..	6	X	X 255 567
33651054	Railway maintenance of equipment and parts, parts for all railcars, and other work and service of railway vehicles (except locomotive cranes) .....	2002..	N	X	X 975 360
		1997..	N	X	X 1 348 264
3365105405	Railway maintenance of railway equipment (rail layers, ballast spreaders, etc.), except rail cars .....	2002..	9	X	X 109 406
		1997..	13	X	X 145 529
3365105407	Other work and service of railroad vehicles, except locomotive cranes .....	2002..	8	X	X D
		1997..	7	X	X 36 050
3365105411	Airbrake equipment, railroad and streetcars .....	2002..	4	X	X D

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336510	Railroad rolling stock manufacturing—Con.				
3365105	Cars (street, subway, trolley, and rapid transit), rebuilt (including parts) and railway maintenance of equipment and parts (including parts and other work and service)—Con.				
33651054	Railway maintenance of equipment and parts, parts for all railcars, and other work and service of railway vehicles (except locomotive cranes)—Con.				
3365105411	Airbrake equipment, railroad and streetcars—Con.				
3365105413	Other brake equipment, railroad and streetcars	1997.. 10 2002.. 7 1997.. 7	X X X	X X X	164 758 40 365 77 127
3365105416	Parts (hooks and other coupling devices, buffers, etc.), railroad and streetcars	2002.. 10 1997.. 8	X X	X X	81 137 155 304
3365105420	Other parts and accessories, including truck assemblies, railroad and streetcar	2002.. 39 1997.. N	X X	X X	603 898 N
3365105421	Parts, railway maintenance of railway way equipment	2002.. 9 1997.. N	X X	X X	66 180 N
3365105Y	Cars (street, subway, trolley, and rapid transit), rebuilt (including parts) and railway maintenance of equipment and parts (including parts and other work and service), snk	2002.. N 1997.. N	X X	X X	14 948 4 887
3365105YVW	Cars (street, subway, trolley, and rapid transit), rebuilt (including parts) and railway maintenance of equipment and parts (including parts and other work and service), snk	2002.. N 1997.. N	X X	X X	14 948 4 887
336510W	Railroad rolling stock manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	220 428 113 284
336510WY	Railroad rolling stock manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	220 428 113 284
336510WYVW	Railroad rolling stock manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	176 743 76 173
336510WYVY	Railroad rolling stock manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	43 685 37 111
336611	Ship building and repairing	2002.. N 1997.. N	X X	X X	12 322 645 10 260 189
3366111	Ships, barges, and platforms, nonpropelled, new construction	2002.. N 1997.. N	X X	X X	755 895 837 420
33661111	Ships, barges, and platforms, nonpropelled, new construction	2002.. N 1997.. N	X X	X X	754 830 837 420
3366111101	Barges, nonpropelled, military and nonmilitary, all types, new construction	2002.. 26 1997.. 31	X X	X X	466 384 583 297
3366111104	Platforms, drilling-production, nonpropelled, military and nonmilitary, new construction	2002.. 7 1997.. 5	X X	X X	253 204 163 974
3366111107	Ships, other types (including dredges and floating docks), nonpropelled, military and nonmilitary, new construction	2002.. 21 1997.. 7	X X	X X	35 242 90 149
3366111Y	Ships, barges, and platforms, nonpropelled, new construction, nsk	2002.. N 1997.. N	X X	X X	1 065 -
3366111YVW	Ships, barges, and platforms, nonpropelled, new construction, nsk	2002.. N 1997.. N	X X	X X	1 065 -
3366113	Ships (including combat ships, troop transport vessels, fleet auxiliaries, and service craft), self-propelled, military, new construction	2002.. N 1997.. N	X X	X X	D 4 780 490
33661131	Ships (including combat ships, troop transport vessels, fleet auxiliaries, and service craft), self-propelled, military, new construction	2002.. N 1997.. N	X X	X X	D 4 780 490
3366113100	Ships (including combat ships, troop transport vessels, fleet auxiliaries, and service craft), self-propelled, military, new construction	2002.. 17 1997.. 25	X X	X X	D 4 780 490
3366116	Ships, self-propelled, nonmilitary, new construction	2002.. N 1997.. N	X X	X X	1 494 878 N
33661161	Ships, self-propelled, nonmilitary, new construction	2002.. N 1997.. N	X X	X X	1 494 878 N
3366116101	Yachts, self-propelled, nonmilitary, 65 ft or more in length (requires a professional crew as specified by the Coast Guard), new construction	2002.. 22 1997.. N	X X	X X	285 447 N
3366116111	Trawlers, commercial fishing, self-propelled, nonmilitary, new construction	2002.. 11 1997.. N	X X	X X	46 686 N
3366116113	Other fishing vessels, commercial (including seiners), self-propelled, nonmilitary, new construction	2002.. 5 1997.. N	X X	X X	20 804 N
3366116116	Tugboats and towboats (including integrated tug-barge combinations), self-propelled, nonmilitary, new construction	2002.. 18 1997.. N	X X	X X	193 913 N
3366116119	Ferryboats, self-propelled, nonmilitary, new construction	2002.. 10 1997.. N	X X	X X	65 527 N
3366116123	Support vessels, offshore drilling and mining, self-propelled, nonmilitary, new construction	2002.. 20 1997.. N	X X	X X	267 490 N

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336611	Ship building and repairing—Con.				
3366116	Ships, self-propelled, nonmilitary, new construction—Con.				
33661161	Ships, self-propelled, nonmilitary, new construction—Con.				
3366116125	Ships, other types (including container and trailer ships, dry bulk carriers, and tankers), self-propelled, nonmilitary, new construction	2002.. 18	X	X	615 011
		1997.. N	X	X	N
3366116Y	Ships, self-propelled, nonmilitary, new construction, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
3366116YVW	Ships, self-propelled, nonmilitary, new construction, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
3366118	Ship repair, military	2002.. N	X	X	2 353 899
		1997.. N	X	X	N
33661181	Ship repair, military	2002.. N	X	X	2 353 899
		1997.. N	X	X	N
3366118101	Ship conversions and reconversions, military	2002.. 18	X	X	1 611 283
		1997.. N	X	X	N
3366118104	All other ship repairs, military	2002.. 37	X	X	742 616
		1997.. N	X	X	N
3366118Y	Ship repair, military, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
3366118YVW	Ship repair, military, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
336611A	Ship repair, nonmilitary	2002.. N	X	X	D
		1997.. N	X	X	N
336611A1	Ship repair, nonmilitary	2002.. N	X	X	D
		1997.. N	X	X	N
336611A101	Ship conversions and reconversions, nonmilitary	2002.. 21	X	X	D
		1997.. N	X	X	N
336611A104	All other ship repairs, nonmilitary	2002.. 81	X	X	434 952
		1997.. N	X	X	N
336611AY	Ship repair, nonmilitary, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
336611AYVW	Ship repair, nonmilitary, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
336611W	Ship building and repairing, nsk, total	2002.. N	X	X	585 294
		1997.. N	X	X	464 168
336611WY	Ship building and repairing, nsk, total	2002.. N	X	X	585 294
		1997.. N	X	X	464 168
336611WYVW	Ship building and repairing, nsk, for nonadministrative-record establishments	2002.. N	X	X	391 824
		1997.. N	X	X	293 312
336611WYVY	Ship building and repairing, nsk, for administrative-record establishments	2002.. N	X	X	193 470
		1997.. N	X	X	170 856
336612	Boat building	2002.. N	X	X	7 844 696
		1997.. N	X	X	5 182 795
3366121	Motorboats, outboard, including commercial and military (except sailboats and lifeboats)	2002.. N	X	X	2 604 144
		1997.. N	X	X	1 675 652
33661211	Motorboats, outboard, wood or metal, including commercial and military (except sailboats and lifeboats)	2002.. N	X	X	1 141 158
		1997.. N	X	X	688 037
3366121101	Motorboats, outboard, runabouts, wood or metal	2002.. 6	X	D	D
		1997.. 4	X		
3366121104	Motorboats, outboard, utility, wood or metal	2002.. 18	X	S	25 450
		1997.. 18	X	P30 683.0	45 840
3366121107	Motorboats, outboard, pontoon, wood or metal	2002.. 28	X	S	57 767
		1997.. 30	X	P32 806.0	363 687
3366121111	Motorboats, outboard, bass, wood or metal	2002.. 10	X	S	250 121
		1997.. 16	X	17 622.0	152 104
3366121113	Motorboats, outboard, fish and ski, wood or metal	2002.. 20	X	S	99 927
		1997.. 13	X	P16 899.0	178 892
3366121116	Motorboats, outboard, other fishing type, wood or metal	2002.. 17	X	S	126 040
		1997.. 18	X	Q16 647.0	205 646
3366121119	Motorboats, outboard, other types (including cabin cruisers and center consoles), wood or metal	2002.. 8	X	X	115 659
		1997.. 10	X	Q30 153.0	D
33661212	Motorboats, outboard, plastics (reinforced) fiberglass, including commercial and military (except sailboats and lifeboats)	2002.. N	X	X	1 145 959
		1997.. N	X	X	626 798
3366121222	Motorboats, outboard, runabouts, plastics (reinforced) fiberglass	2002.. 13	X	P7 278.0	159 919
		1997.. 21	X	Q14 375.0	151 833
3366121225	Motorboats, outboard, utility, plastics (reinforced) fiberglass	2002.. 3	X	D	D
		1997.. 7	X	743.0	8 257
3366121228	Motorboats, outboard, cabin cruisers, plastics (reinforced) fiberglass	2002.. 17	X	S	166 107
		1997.. 10	X	P1 359.0	40 494
3366121231	Motorboats, outboard, center console, plastics (reinforced) fiberglass	2002.. 21	X	S	244 650
		1997.. 30	X	P10 856.0	130 348
3366121234	Motorboats, outboard, deck, plastics (reinforced) fiberglass	2002.. 16	X	S	75 729
		1997.. 14	X	P2 078.0	27 626
3366121239	Motorboats, outboard, fish and ski (except bass), plastics (reinforced) fiberglass	2002.. 14	X	S	223 726
		1997.. 26	X	P12 523.0	126 320
3366121243	Motorboats, outboard, other fishing types (except bass), plastics (reinforced) fiberglass	2002.. 15	X	S	153 655
		1997.. 20	X	P6 970.0	127 630
3366121246	Motorboats, outboard, other types, plastics (reinforced) fiberglass	2002.. 4	X	X	D
		1997.. 6	X	X	14 290
33661213	Motorboats, outboard, bass, plastics (reinforced) fiberglass	2002.. N	X	X	301 938

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336612	Boat building—Con.				
3366121	Motorboats, outboard, including commercial and military (except sailboats and lifeboats)—Con.				
33661213	Motorboats, outboard, bass, plastics (reinforced) fiberglass—Con.	1997..	N	X	X
3366121337	Motorboats, outboard, bass, plastics (reinforced) fiberglass .....	number..2002..	11	X	915 006.0
		1997..	20	X	27 813.0
3366121Y	Motorboats, outboard, including commercial and military (except sailboats and lifeboats), nsk .....	2002..	N	X	X
		1997..	N	X	X
3366121YVW	Motorboats, outboard, including commercial and military (except sailboats and lifeboats), nsk .....	2002..	N	X	X
		1997..	N	X	X
3366123	Motorboats, inboard, including commercial and military (except sailboats and lifeboats) .....	2002..	N	X	X
		1997..	N	X	X
33661231	Motorboats, inboard, cabin cruisers, including commercial and military (except sailboats and lifeboats) .....	2002..	N	X	X
		1997..	N	X	X
3366123104	Motorboats, inboard, cabin cruisers, less than 40 ft (12.19 m) in length .....	number..2002..	37	X	S
		1997..	39	X	4 376.0
3366123107	Motorboats, inboard, cabin cruisers, 40 ft (12.19 m) or more in length (professional crew not required by Coast Guard) .....	number..2002..	43	X	S
		1997..	42	X	P1 553.0
33661232	Motorboats, inboard, other types, including commercial and military (except sailboats and lifeboats) .....	2002..	N	X	X
		1997..	N	X	X
3366123201	Motorboats, inboard, runabouts .....	number..2002..	16	X	X
		1997..	23	X	16 557.0
3366123211	Motorboats, inboard, all other types, including houseboats .....	2002..	14	X	P13 506.0
		1997..	25	X	X
3366123Y	Motorboats, inboard, including commercial and military (except sailboats and lifeboats), nsk .....	2002..	N	X	X
		1997..	N	X	X
3366123YVW	Motorboats, inboard, including commercial and military (except sailboats and lifeboats), nsk .....	2002..	N	X	X
		1997..	N	X	X
3366125	Inboard-outdrive boats, including commercial and military (except sailboats and lifeboats) .....	2002..	N	X	X
		1997..	N	X	X
33661251	Inboard-outdrive boats, cabin cruisers .....	2002..	N	X	X
		1997..	N	X	X
3366125107	Inboard-outdrive boats, cabin cruisers .....	number..2002..	22	X	S
		1997..	36	X	P10 656.0
33661252	Inboard-outdrive boats, other types, including commercial and military (except sailboats and lifeboats) .....	2002..	N	X	X
		1997..	N	X	X
3366125201	Inboard-outdrive boats, houseboats .....	number..2002..	13	X	S
		1997..	13	X	P1 254.0
3366125204	Inboard-outdrive boats, runabouts .....	number..2002..	18	X	S
		1997..	34	X	P53 163.0
3366125211	Inboard-outdrive boats, fishing .....	number..2002..	18	X	S
		1997..	20	X	Q3 218.0
3366125213	Inboard-outdrive boats, other types, including center consoles .....	2002..	25	X	X
		1997..	21	X	X
3366125Y	Inboard-outdrive boats, including commercial and military (except sailboats and lifeboats), nsk .....	2002..	N	X	X
		1997..	N	X	X
3366125YVW	Inboard-outdrive boats, including commercial and military (except sailboats and lifeboats), nsk .....	2002..	N	X	X
		1997..	N	X	X
3366128	Boats, all other types, except military and commercial .....	2002..	N	X	X
		1997..	N	X	X
33661281	Boats, all other types, except military and commercial .....	2002..	N	X	X
		1997..	N	X	X
3366128101	Sailboats, without auxiliary motor, all sizes, except military and commercial .....	number..2002..	22	X	S
		1997..	N	X	N
3366128104	Sailboats, with auxiliary motor, no greater than 6.5 m (21.33 ft) in length, except military and commercial .....	number..2002..	1	X	D
		1997..	N	X	N
3366128107	Sailboats, with auxiliary motor, greater than 6.5 m (21.33 ft) but not greater than 9.0 m (29.53 ft) in length, except military and commercial .....	number..2002..	10	X	D
		1997..	N	X	N
3366128111	Sailboats, with auxiliary motor, greater than 9.0 m (29.53 ft) but not greater than 12.0 m (39.03 ft) in length, except military and commercial .....	number..2002..	14	X	9870.0
		1997..	N	X	N
3366128113	Sailboats, with auxiliary motor, greater than 12.0 m (39.03 ft) in length, except military and commercial .....	number..2002..	11	X	S
		1997..	N	X	N
3366128116	Canoes, all types of materials, except military and commercial .....	number..2002..	13	X	S
		1997..	N	X	N
3366128120	Hovercraft (professional crew not required by Coast Guard) and all other boats, except military and commercial .....	2002..	31	X	X
		1997..	N	X	X
3366128Y	Boats, all other types, except military and commercial, nsk .....	2002..	N	X	X
		1997..	N	X	X
3366128YVW	Boats, all other types, except military and commercial, nsk .....	2002..	N	X	X
		1997..	N	X	X
336612W	Boat building, nsk, total .....	2002..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
336612	Boat building—Con.				
336612W	Boat building, nsk, total—Con.				
		1997..	N	X	X
		2002..	N	X	X
		1997..	N	X	X
336612WY	Boat building, nsk, total				
		1997..	N	X	X
		2002..	N	X	X
		1997..	N	X	X
336612WYWW	Boat building, nsk, for nonadministrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
336612WYWY	Boat building, nsk, for administrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
336991	Motorcycle, bicycle, and parts manufacturing				
		2002..	N	X	X
		1997..	N	X	X
3369912	Bicycles, including parts (except children's two-wheel sidewalk cycles with solid or semipneumatic tires)				
		2002..	N	X	X
		1997..	N	X	X
33699121	Bicycles, including parts (except children's two-wheel sidewalk cycles with solid or semipneumatic tires)				
		2002..	N	X	X
		1997..	N	X	X
3369912101	Bicycles, complete, wheels of all diameter and all speeds (including lightweight, road, mountain, all-terrain, and cruiser-type)				
		2002..	15	X	X
		1997..	N	X	X
3369912103	Cycles, other types, including unicycles, adult tricycles, and children's tricycles of metal tubular construction (except children's sidewalk bikes with solid or semipneumatic tires)				
		2002..	2	X	X
		1997..	N	X	X
3369912109	Frames, forks, and similar parts for bicycles, unicycles, and adult tricycles				
		2002..	18	X	X
		1997..	N	X	X
3369912113	Wheel rims and spokes for bicycles, unicycles, and adult tricycles				
		2002..	6	X	X
		1997..	N	X	X
3369912116	Seats (saddles) for bicycles, unicycles, and adult tricycles				
		2002..	8	X	X
		1997..	N	X	X
3369912119	Pedals, crankgear and similar parts for bicycles, unicycles, and adult tricycles				
		2002..	4	X	X
		1997..	N	X	X
3369912122	Other parts for bicycles, unicycles, and adult tricycles (hubs, brakes, freewheel sprocket wheels, etc.)				
		2002..	14	X	X
		1997..	N	X	X
3369912Y	Bicycles, including parts (except children's two-wheel sidewalk cycles with solid or semipneumatic tires), nsk				
		2002..	N	X	X
		1997..	N	X	X
3369912YWV	Bicycles, including parts (except children's two-wheel sidewalk cycles with solid or semipneumatic tires), nsk				
		2002..	N	X	X
		1997..	N	X	X
3369913	Motorcycles, including three-wheel, motorbikes, motor scooters, mopeds, and parts (including sidecars)				
		2002..	N	X	X
		1997..	N	X	X
33699131	Motorcycles, including three-wheel, motorbikes, motor scooters, mopeds, and parts (including sidecars)				
		2002..	N	X	X
		1997..	N	X	X
3369913100	Motorcycles, including three-wheel, motorbikes, motor scooters, mopeds, and parts (including sidecars)				
		2002..	70	X	X
		1997..	58	X	X
336991W	Motorcycle, bicycle, and parts manufacturing, nsk, total				
		2002..	N	X	X
		1997..	N	X	X
336991WY	Motorcycle, bicycle, and parts manufacturing, nsk, total				
		2002..	N	X	X
		1997..	N	X	X
336991WYWW	Motorcycle, bicycle, and parts manufacturing, nsk, for nonadministrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
336991WYWY	Motorcycle, bicycle, and parts manufacturing, nsk, for administrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
336992	Military armored vehicle, tank, and tank component manufacturing				
		2002..	N	X	X
		1997..	N	X	X
3369920	Military armored vehicles, tanks, and tank components				
		2002..	N	X	X
		1997..	N	X	X
33699201	Tanks, including parts				
		2002..	N	X	X
		1997..	N	X	X
3369920111	Tanks, including parts				
		2002..	45	X	X
		1997..	40	X	X
33699202	Self-propelled weapons and parts and other full tracked combat vehicles and armored utility vehicles, including parts				
		2002..	N	X	X
		1997..	N	X	X
3369920214	Weapons, self-propelled, including parts				
		2002..	6	X	X
		1997..	6	X	X
3369920218	Other full-tracked combat and armored utility vehicles, including parts				
		2002..	20	X	X
		1997..	N	X	X
3369920Y	Military armored vehicles, tanks, and tank components, nsk, total				
		2002..	N	X	X
		1997..	N	X	X
3369920YWW	Military armored vehicles, tanks, and tank components, nsk, for nonadministrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
3369920YWY	Military armored vehicles, tanks, and tank components, nsk, for administrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
336999	All other transportation equipment manufacturing				
		2002..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
336999	All other transportation equipment manufacturing—Con.					
		1997..	N	X	X	4 100 375
3369991	Self-propelled golf carts and industrial in-plant personnel carriers, including parts .....	2002..	N	X	X	970 214
		1997..	N	X	X	798 551
33699911	Self-propelled golf carts and industrial in-plant personnel carriers, including parts .....	2002..	N	X	X	970 214
		1997..	N	X	X	756 110
3369991101	Self-propelled golf carts (electric and gasoline) for carrying passengers and industrial in-plant personnel carriers .....	2002..	15	X	X	728 790
		1997..	9	X	X	636 275
3369991104	Parts for self-propelled golf carts and industrial in-plant personnel carriers .....	2002..	12	X	X	241 424
		1997..	6	X	X	119 835
3369991Y	Self-propelled golf carts and industrial in-plant personnel carriers, including parts, nks .....	2002..	N	X	X	—
		1997..	N	X	X	42 441
3369991YV	Self-propelled golf carts and industrial in-plant personnel carriers, including parts, nks .....	2002..	N	X	X	—
		1997..	N	X	X	42 441
3369995	All other miscellaneous transportation equipment, including all-terrain vehicles .....	2002..	N	X	X	5 747 395
		1997..	N	X	X	N
33699951	All-terrain vehicles, gasoline and electric, for transport of people or goods, designed to traverse all types of terrain .....	2002..	N	X	X	3 434 631
		1997..	N	X	X	N
3369995101	All-terrain vehicles, gasoline and electric, for transport of people or goods, designed to traverse all types of terrain .....	2002..	28	X	X	3 434 631
		1997..	N	X	X	N
33699952	Parts for all-terrain vehicles .....	2002..	N	X	X	471 543
		1997..	N	X	X	N
3369995204	Parts for all-terrain vehicles .....	2002..	29	X	X	471 543
		1997..	N	X	X	N
33699954	Other miscellaneous transportation equipment, including snowmobiles and personal watercraft .....	2002..	N	X	X	1 491 902
		1997..	N	X	X	N
3369995414	Snowmobiles .....	2002..	11	X	X	D
		1997..	N	X	X	N
3369995417	Personal watercraft .....	2002..	9	X	X	D
		1997..	N	X	X	N
3369995421	Other miscellaneous transportation equipment .....	2002..	51	X	X	509 512
		1997..	N	X	X	N
33699955	Parts for automobile and light truck trailers and other transportation equipment .....	2002..	N	X	X	344 533
		1997..	N	X	X	N
3369995513	Parts for automobile and light truck trailers and other transportation equipment .....	2002..	43	X	X	344 533
		1997..	N	X	X	N
3369995Y	All other miscellaneous transportation equipment, including all-terrain vehicles, nsk .....	2002..	N	X	X	4 786
		1997..	N	X	X	N
3369995YV	All other miscellaneous transportation equipment, including all-terrain vehicles, nsk .....	2002..	N	X	X	4 786
		1997..	N	X	X	N
336999W	All other transportation equipment manufacturing, nsk, total .....	2002..	N	X	X	254 350
		1997..	N	X	X	225 747
336999WY	All other transportation equipment manufacturing, nsk, total .....	2002..	N	X	X	254 350
		1997..	N	X	X	225 747
336999WYV	All other transportation equipment manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	73 712
		1997..	N	X	X	186 430
336999WYVY	All other transportation equipment manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	180 638
		1997..	N	X	X	39 317
337110	Wood kitchen cabinet and countertop manufacturing .....	2002..	N	X	X	13 774 010
		1997..	N	X	X	8 497 433
337110H	Wood kitchen cabinets, bathroom vanities, and related cabinetwork, custom, for permanent installation, sold directly to the customer at retail .....	2002..	N	X	X	2 921 538
		1997..	N	X	X	393 565
337110H1	Wood kitchen cabinets, bathroom vanities, and related cabinetwork, custom, for permanent installation, sold directly to the customer at retail .....	2002..	N	X	X	2 921 538
		1997..	N	X	X	393 565
337110H100	Wood kitchen cabinets, bathroom vanities, and related cabinetwork, custom, for permanent installation, sold directly to the customer at retail .....	2002..	1 497	X	X	2 921 538
		1997..	669	X	X	393 565
337110I	Wood kitchen cabinets and related cabinetwork, stock line, for permanent installation .....	2002..	N	X	X	4 808 778
		1997..	N	X	X	3 186 858
337110I1	Wood kitchen cabinets and related cabinetwork, stock line, for permanent installation .....	2002..	N	X	X	4 695 169
		1997..	N	X	X	3 054 164
337110I121	Wood kitchen cabinets and related cabinetwork, plastics laminated, stock line, for permanent installation .....	2002..	229	X	X	611 778
		1997..	92	X	X	352 709
337110I131	Wood kitchen cabinets and related cabinetwork, other types, stock line, for permanent installation .....	1,000 cabinets..	174	X	929 703.8	4 083 391
		1997..	N	X	N	N
337110IY	Wood kitchen cabinets and related cabinetwork, stock line, for permanent installation, nsk .....	2002..	N	X	X	113 609
		1997..	N	X	X	132 694
337110IYV	Wood kitchen cabinets and related cabinetwork, stock line, for permanent installation, nsk .....	2002..	N	X	X	113 609
		1997..	N	X	X	132 694

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337110	Wood kitchen cabinet and countertop manufacturing—Con.				
3371104	Wood kitchen cabinets and related cabinetwork, custom, for permanent installation, other types (except kitchen cabinets and related cabinetwork sold directly to the customer at retail) . . . . .	2002.. N 1997.. N	X X	X X	1 438 042 1 822 292
33711041	Wood kitchen cabinets and related cabinetwork, custom, for permanent installation, other types (except kitchen cabinets and related cabinetwork sold directly to the customer at retail) . . . . .	2002.. N 1997.. N	X X	X X	1 345 423 1 633 749
3371104121	Wood kitchen cabinets and related cabinetwork, custom, permanent installation, plastics laminated, other types (except kitchen cabinets and related cabinetwork sold directly to customer at retail) . . . . .	2002.. 304 1997.. 384	X X	X X	353 398 247 160
3371104111	Wood kitchen cabinets and related cabinetwork, custom, for permanent installation, all other types (except kitchen cabinets and related cabinetwork sold directly to the customer at retail) . . . . .	2002.. 336 1997.. 1 039	X X	X X	992 025 1 386 589
3371104Y	Wood kitchen cabinets and related cabinetwork, custom, for permanent installation, other types (except kitchen cabinets and related cabinetwork sold directly to the customer at retail), nsk . . . . .	2002.. N 1997.. N	X X	X X	92 619 188 543
3371104YV	Wood kitchen cabinets and related cabinetwork, custom, for permanent installation, other types (except kitchen cabinets and related cabinetwork sold directly to the customer at retail), nsk . . . . .	2002.. N 1997.. N	X X	X X	92 619 188 543
3371107	Wood bathroom vanities and related cabinetwork, for permanent installation (except custom bathroom vanities and related cabinetwork sold directly to the customer at retail) . . . . .	2002.. N 1997.. N	X X	X X	1 040 692 884 669
33711071	Wood bathroom vanities and related cabinetwork, for permanent installation (except custom bathroom vanities and related cabinetwork sold directly to the customer at retail) . . . . .	2002.. N 1997.. N	X X	X X	996 354 797 242
3371107111	Wood bathroom vanities and related cabinetwork, for permanent installation, stock line . . . . . 1,000 units.	2002.. 59 1997.. 118	X X	S P6 883.2	887 876 545 375
3371107121	Wood bathroom vanities and related cabinetwork, custom, for permanent installation, all other types (except wood custom bathroom vanities and related cabinetwork sold directly to customer at retail) . . . . .	2002.. 147 1997.. 461	X X	X X	108 478 251 867
3371107Y	Wood bathroom vanities and related cabinetwork, for permanent installation (except custom bathroom vanities and related cabinetwork sold directly to the customer at retail), nsk . . . . .	2002.. N 1997.. N	X X	X X	44 338 87 427
3371107YV	Wood bathroom vanities and related cabinetwork, for permanent installation (except custom bathroom vanities and related cabinetwork sold directly to the customer at retail), nsk . . . . .	2002.. N 1997.. N	X X	X X	44 338 87 427
337110B	Wood kitchen cabinet tops, wood and plastics laminated . . . . .	2002.. N 1997.. N	X X	X X	730 078 N
337110B1	Wood kitchen cabinet tops, wood and plastics laminated . . . . .	2002.. N 1997.. N	X X	X X	615 837 N
337110B131	Wood kitchen cabinet tops, wood and plastics laminated, stock line . . . . .	2002.. 175 1997.. N	X X	X X	320 145 N
337110B141	Wood kitchen cabinet tops, wood and plastics laminated, custom . . . . .	2002.. 364 1997.. N	X X	X X	295 692 N
337110BY	Wood kitchen cabinet tops, wood and plastics laminated, nsk . . . . .	2002.. N 1997.. N	X X	X X	114 241 N
337110BYV	Wood kitchen cabinet tops, wood and plastics laminated, nsk . . . . .	2002.. N 1997.. N	X X	X X	114 241 N
337110F	Wood bathroom vanity tops, wood and plastics laminated . . . . .	2002.. N 1997.. N	X X	X X	155 957 N
337110F1	Wood bathroom vanity tops, wood and plastics laminated . . . . .	2002.. N 1997.. N	X X	X X	141 139 N
337110F131	Wood bathroom vanity tops, wood and plastics laminated, stock line . . . . .	2002.. 60 1997.. N	X X	X X	S N
337110F141	Wood bathroom vanity tops, wood and plastics laminated, custom . . . . .	2002.. 90 1997.. N	X X	X X	49 846 N
337110FY	Wood bathroom vanity tops, wood and plastics laminated, nsk . . . . .	2002.. N 1997.. N	X X	X X	14 818 N
337110FYV	Wood bathroom vanity tops, wood and plastics laminated, nsk . . . . .	2002.. N 1997.. N	X X	X X	14 818 N
337110W	Wood kitchen cabinet and countertop manufacturing, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	2 678 925 1 433 089
337110WY	Wood kitchen cabinet and countertop manufacturing, nsk, total . . . . .	2002.. N 1997.. N	X X	X X	2 678 925 1 433 089
337110WYV	Wood kitchen cabinet and countertop manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002.. N 1997.. N	X X	X X	1 558 916 808 686
337110WYVY	Wood kitchen cabinet and countertop manufacturing, nsk, for administrative-record establishments . . . . .	2002.. N	X	X	1 120 009

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
337110	Wood kitchen cabinet and countertop manufacturing—Con.					
337110W	Wood kitchen cabinet and countertop manufacturing, nsk, total					
337110WY	—Con.					
337110WYWY	Wood kitchen cabinet and countertop manufacturing, nsk, total—Con.					
	Wood kitchen cabinet and countertop manufacturing, nsk, for administrative-record establishments—Con.	1997..	N	X	X	624 403
337121	Upholstered household furniture manufacturing .....	2002..	N	X	X	10 216 683
		1997..	N	X	X	8 115 310
3371211	Upholstered household furniture, except stock line dual-purpose sleep furniture, wood .....	2002..	N	X	X	8 708 520
		1997..	N	X	X	7 056 005
33712111	Upholstered household davenports, sofas, loveseats, and settees (except chairs sold as part of suites and sectional sofa pieces), except custom sold directly to the customer at retail, wood .....	2002..	N	X	X	4 415 547
		1997..	N	X	X	3 447 301
3371211111	Upholstered household davenports, sofas, loveseats, and settees (except chairs sold as part of suites and sectional sofa pieces), except custom sold directly to the customer at retail, wood .....	thousands..2002..	307	X	S	4 415 547
		1997..	323	X	910 298.7	3 447 301
33712112	Upholstered household sectional sofa pieces, including pieces seating one person (except stock line dual-purpose sleep furniture), except custom sold directly to the customer at retail, wood .....	2002..	N	X	X	673 001
		1997..	N	X	X	550 861
3371211211	Upholstered household sectional sofa pieces, including pieces seating one person (except stock line dual-purpose sleep furniture), except custom sold directly to the customer at retail, wood .....	thousands..2002..	132	X	P1 818.4	673 001
		1997..	119	X	P1 623.3	550 861
33712113	Upholstered household rocking chairs, including swivel rockers, except custom sold directly to the customer at retail, wood .....	2002..	N	X	X	269 658
		1997..	N	X	X	253 984
3371211311	Upholstered household rocking chairs, including swivel rockers, except custom sold directly to the customer at retail, wood .....	thousands..2002..	52	X	S	269 658
		1997..	54	X	P1 178.5	253 984
33712114	Upholstered household reclining chairs, except custom sold directly to the customer at retail, wood .....	2002..	N	X	X	1 313 662
		1997..	N	X	X	1 114 459
3371211411	Upholstered household reclining chairs, except custom sold directly to the customer at retail, wood .....	thousands..2002..	83	X	4 539.5	1 313 662
		1997..	70	X	4 573.9	1 114 459
33712115	Upholstered household furniture, other types (except stock line dual-purpose sleep furniture), including custom sold directly to the customer at retail, wood .....	2002..	N	X	X	1 826 549
		1997..	N	X	X	1 316 187
3371211511	Upholstered household swivel chairs, including swivel chairs with variable height adjustment (except rockers), except custom sold directly to the customer at retail, wood .....	thousands..2002..	54	X	S	173 587
		1997..	41	X	415.9	111 913
3371211521	Upholstered household chairs, other types (except dining room, kitchen, reclining, rocking, and swivel), except custom sold directly to the customer at retail, wood .....	thousands..2002..	148	X	P3 112.3	959 327
		1997..	204	X	P4 872.8	926 878
3371211533	Upholstered household furniture, other types (except dining room and kitchen chairs with upholstered seats or backs), except custom sold directly to the customer at retail, wood .....	2002..	119	X	X	416 549
		1997..	N	X	X	N
3371211541	Upholstered household furniture, except dining room and kitchen chairs with upholstered seats or backs, custom sold directly to the customer at retail, wood .....	2002..	48	X	X	277 086
		1997..	N	X	X	N
3371211Y	Upholstered household furniture, except stock line dual-purpose sleep furniture, wood, nsk .....	2002..	N	X	X	210 103
		1997..	N	X	X	373 213
3371211YWV	Upholstered household furniture, except stock line dual-purpose sleep furniture, wood, nsk .....	2002..	N	X	X	210 103
		1997..	N	X	X	373 213
3371213	Upholstered household furniture, except wood .....	2002..	N	X	X	107 838
		1997..	N	X	X	N
33712131	Upholstered household furniture, except wood .....	2002..	N	X	X	107 838
		1997..	N	X	X	N
3371213100	Upholstered household furniture, except wood .....	2002..	14	X	X	107 838
		1997..	N	X	X	N
3371214	Dual-purpose sleep furniture (including convertible sofas, jackknife sofa and chair beds, studio couches, and futons shipped with frames), except custom sold directly to the customer at retail .....	2002..	N	X	X	486 305
		1997..	N	X	X	479 350
33712141	Dual-purpose sleep furniture (including convertible sofas, jackknife sofa and chair beds, studio couches, and futons shipped with frames), except custom sold directly to the customer at retail .....	2002..	N	X	X	486 305
		1997..	N	X	X	479 350
3371214100	Dual-purpose sleep furniture (including convertible sofas, jackknife sofa and chair beds, studio couches, and futons shipped with frames), except custom sold directly to the customer at retail .....	2002..	146	X	X	486 305
		1997..	133	X	X	479 350
337121W	Upholstered household furniture manufacturing, nsk, total .....	2002..	N	X	X	914 020

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337121	Upholstered household furniture manufacturing—Con.				
337121W	Upholstered household furniture manufacturing, nsk, total—Con.				
		1997..	N	X	X 579 955
		2002..	N	X	X 914 020
		1997..	N	X	X 579 955
337121WYW	Upholstered household furniture manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	X 640 761
		1997..	N	X	X 303 729
337121WYWY	Upholstered household furniture manufacturing, nsk for administrative-record establishments	2002..	N	X	X 273 259
		1997..	N	X	X 276 226
337122	Nonupholstered wood household furniture manufacturing	2002..	N	X	X 10 288 306
		1997..	N	X	X 10 299 965
3371221	Nonupholstered wood household furniture (including den, library, family and living room), except custom sold directly to the customer at retail	2002..	N	X	X 2 543 757
		1997..	N	X	X 2 287 549
33712211	Nonupholstered wood household tables (including den, library, family and living room), except card and telephone, except custom sold directly to the customer at retail	2002..	N	X	X 835 084
		1997..	N	X	X 602 704
337122111	Nonupholstered wood household tables (including den, library, family and living room), except card and telephone, except custom sold directly to the customer at retail	1,000 units..2002..	171	X	S 835 084
		1997..	154	X	P4 341.0 602 704
33712212	Nonupholstered wood household cabinets, desks, bookcases, bookshelves, credenzas, and wall units (including den, library, family and living room), except custom sold directly to customer at retail	2002..	N	X	X 1 117 767
		1997..	N	X	X 875 941
3371221211	Nonupholstered wood household cabinets, including audio and TV, except cabinets used as housings (including den, library, family and living room), except custom sold directly to retail customer	2002..	172	X	X 305 976
		1997..	60	X	X 203 590
3371221221	Nonupholstered wood household desks (including den, library, family and living room), except custom sold directly to the customer at retail	1,000 units..2002..	102	X	S 206 122
		1997..	92	X	633.5 180 663
3371221231	Nonupholstered wood household bookcases, bookshelves, and credenzas, except wall units (including den, library, family and living room), except custom sold directly to the customer at retail	2002..	109	X	X 155 705
		1997..	85	X	X 99 780
3371221241	Nonupholstered wood household wall units, including bookcase, desk, and storage (including den, library, family and living room), except custom sold directly to the customer at retail	1,000 units..2002..	126	X	S 449 964
		1997..	129	X	P1 231.9 391 908
33712214	Nonupholstered wood household furniture, other types, except dining room and kitchen chairs (including den, library, family and living room), except custom sold directly to the customer at retail	2002..	N	X	X 393 291
		1997..	N	X	X N
3371221411	Nonupholstered wood household chairs (except dining room, kitchen, and rocking), except custom sold directly to the customer at retail	1,000 units..2002..	49	X	S 124 761
		1997..	N	X	N N
3371221421	Nonupholstered wood household rocking chairs (including den, library, family and living room), except custom sold directly to the customer at retail	1,000 units..2002..	18	X	S 14 864
		1997..	N	X	N N
3371221491	Nonupholstered wood household seating, other types (including benches, loveseats, settees, and stools) (including den, library, family and living room), except custom sold directly to retail customer	2002..	56	X	X 58 290
		1997..	N	X	X N
3371221493	Nonupholstered wood furniture, other types (incl. bars, breakfronts, hanging shelves, and magazine racks) (incl. den, library, family and living room), except custom sold directly to retail customer	2002..	77	X	X S
		1997..	N	X	X N
3371221Y	Nonupholstered wood household furniture (including den, library, family and living room), except custom sold directly to the customer at retail, nsk	2002..	N	X	X 197 615
		1997..	N	X	X 80 976
3371221YWV	Nonupholstered wood household furniture (including den, library, family and living room), except custom sold directly to the customer at retail, nsk	2002..	N	X	X 197 615
		1997..	N	X	X 80 976
3371224	Nonupholstered wood dining room and kitchen furniture (except kitchen cabinets), except custom sold directly to the customer at retail	2002..	N	X	X 1 467 127
		1997..	N	X	X 1 537 316
33712241	Nonupholstered wood dining room tables, 30 inches by 40 inches and larger, except custom sold directly to the customer at retail	2002..	N	X	X 629 080
		1997..	N	X	X 451 055
3371224111	Nonupholstered wood dining room tables, 30 inches by 40 inches and larger, except custom sold directly to the customer at retail	1,000 units..2002..	152	X	S 629 080
		1997..	156	X	1 315.7 451 055
33712242	Nonupholstered wood dining room chairs, except custom sold directly to the customer at retail	2002..	N	X	X 445 969
		1997..	N	X	X 525 640
3371224211	Nonupholstered wood dining room chairs, except custom sold directly to the customer at retail	1,000 units..2002..	148	X	2 886.8 445 969

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337122	Nonupholstered wood household furniture manufacturing—Con.				
3371224	Nonupholstered wood dining room and kitchen furniture (except kitchen cabinets), except custom sold directly to the customer at retail—Con.				
33712242	Nonupholstered wood dining room chairs, except custom sold directly to the customer at retail—Con.				
3371224211	Nonupholstered wood dining room chairs, except custom sold directly to the customer at retail—Con.	1997..	149	X	<sup>94</sup> 840.8 525 640
33712243	Nonupholstered wood dining room and kitchen furniture, other types, except custom sold directly to the customer at retail .....	2002..	N	X	X 362 395
		1997..	N	X	X 452 977
3371224311	Nonupholstered wood dining room buffets and servers, except custom sold directly to the customer at retail .....	1,000 units..	2002..	67	X <sup>265.3</sup> 151 632
			1997..	80	X <sup>S</sup> 184 042
3371224321	Nonupholstered wood dining room china and corner cabinets, except custom sold directly to the customer at retail .....	1,000 units..	2002..	63	X <sup>189.5</sup> 131 831
			1997..	92	X <sup>P447.1</sup> 206 195
3371224396	Nonupholstered wood dining room and kitchen furniture, other types (including seating and junior sets), except custom sold directly to the customer at retail .....	2002..	36	X	X 78 932
		1997..	N	X	X N
3371224Y	Nonupholstered wood dining room and kitchen furniture (except kitchen cabinets), except custom sold directly to the customer at retail, nsk .....	2002..	N	X	X 29 683
		1997..	N	X	X 107 644
3371224YVV	Nonupholstered wood dining room and kitchen furniture (except kitchen cabinets), except custom sold directly to the customer at retail, nsk .....	2002..	N	X	X 29 683
		1997..	N	X	X 107 644
3371228	Nonupholstered wood bedroom furniture, except custom sold directly to the customer at retail .....	2002..	N	X	X 2 882 229
		1997..	N	X	X N
33712281	Nonupholstered wood beds and headboards (except cribs, cradles, hollywood and youth beds), except custom sold directly to the customer at retail .....	2002..	N	X	X 1 113 002
		1997..	N	X	X N
3371228111	Nonupholstered wood beds (except cribs, cradles, headboards, bunk, headboard, hollywood, water, and youth beds), except custom sold directly to the customer at retail .....	2002..	131	X	X 541 225
		1997..	N	X	X N
3371228121	Nonupholstered wood headboards and headboard beds, including padded, except custom sold directly to the customer at retail .....	1,000 units..	2002..	108	X <sup>S</sup> 491 010
			1997..	N	X <sup>N</sup> N
3371228131	Nonupholstered wood bunk beds, except mattresses and detachable springs, except custom sold directly to the customer at retail .....	1,000 units..	2002..	34	X <sup>D</sup> D
			1997..	N	X <sup>N</sup> N
3371228141	Nonupholstered wood waterbeds, conventional type, except custom sold directly to the customer at retail .....	2002..	5	X	X D
		1997..	N	X	X N
33712282	Nonupholstered wood bedroom dressers, dressing tables, and vanities (except custom sold directly to the customer at retail) .....	2002..	N	X	X 566 345
		1997..	N	X	X N
3371228211	Nonupholstered wood bedroom dressers, dressing tables, and vanities (except custom sold directly to the customer at retail) .....	1,000 units..	2002..	150	X <sup>S</sup> 566 345
			1997..	N	X <sup>N</sup> N
33712283	Nonupholstered wood bedroom chests of drawers, except custom sold directly to the customer at retail .....	2002..	N	X	X 437 451
		1997..	N	X	X N
3371228311	Nonupholstered wood bedroom chests of drawers, except custom sold directly to the customer at retail .....	1,000 units..	2002..	141	X <sup>91</sup> 517.6 437 451
			1997..	N	X N
33712284	Nonupholstered wood bedroom furniture, other types, except custom sold directly to the customer at retail .....	2002..	N	X	X 750 325
		1997..	N	X	X N
3371228411	Nonupholstered wood bedroom cabinets (including armoires, chifforobes, wardrobes, and wardrobe-type), except custom sold directly to the customer at retail .....	1,000 units..	2002..	120	X <sup>S</sup> 245 779
			1997..	N	X <sup>N</sup> N
3371228421	Nonupholstered wood bedroom cedar chests, except custom sold directly to the customer at retail .....	1,000 units..	2002..	15	X <sup>S</sup> 13 825
			1997..	N	X <sup>N</sup> N
3371228431	Nonupholstered wood bedroom night tables and stands, except custom sold directly to the customer at retail .....	1,000 units..	2002..	118	X <sup>92</sup> 049.5 319 648
			1997..	N	X N
3371228481	Nonupholstered wood bedroom furniture, other types (including bed rails, chairs, commodes, and valet stands), except custom sold directly to the customer at retail .....	2002..	40	X	X 171 073
		1997..	N	X	X N
3371228Y	Nonupholstered wood bedroom furniture, except custom sold directly to the customer at retail, nsk .....	2002..	N	X	X 15 106
		1997..	N	X	X N
3371228YVV	Nonupholstered wood bedroom furniture, except custom sold directly to the customer at retail, nsk .....	2002..	N	X	X 15 106
		1997..	N	X	X N
337122A	Nonupholstered wood infants' and children's furniture, except custom sold directly to the customer at retail .....	2002..	N	X	X 454 193
		1997..	N	X	X 287 666
337122A1	Nonupholstered wood infants' and children's furniture, except custom sold directly to the customer at retail .....	2002..	N	X	X 453 278
		1997..	N	X	X 273 323

See footnotes at end of table.



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[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337122	Nonupholstered wood household furniture manufacturing—Con.				
337122A	Nonupholstered wood infants' and children's furniture, except custom sold directly to the customer at retail—Con.				
337122A1	Nonupholstered wood infants' and children's furniture, except custom sold directly to the customer at retail—Con.				
337122A111	Nonupholstered wood infants' and children's cribs, including springs sold as part of the crib, except custom sold directly to the customer at retail .....	2002.. 13 1997.. 13	X X	X X	200 319 111 976
337122A131	Nonupholstered wood infants' and children's bedroom furniture, other types (including youth beds), except custom sold directly to the customer at retail .....	2002.. 25 1997.. 23	X X	X X	237 675 115 065
337122A151	Nonupholstered wood infants' and children's furniture, other types, including seating (including chairs, high chairs, and nursery seats), except custom sold directly to the customer at retail .....	2002.. 15 1997.. N	X X	X X	15 284 N
337122AY	Nonupholstered wood infants' and children's furniture, except custom sold directly to the customer at retail, nsk .....	2002.. N 1997.. N	X X	X X	915 14 343
337122AYWV	Nonupholstered wood infants' and children's furniture, except custom sold directly to the customer at retail, nsk .....	2002.. N 1997.. N	X X	X X	915 14 343
337122E	Nonupholstered wood furniture, other types, except custom .....	2002.. N 1997.. N	X X	X X	1 788 941 1 653 696
337122E1	Nonupholstered wood furniture, other types, except custom .....	2002.. N 1997.. N	X X	X X	1 744 931 1 633 148
337122E111	Nonupholstered wood furniture, outdoor (including beach, lawn, and porch), assembled and ready-to-assemble, except custom sold directly to the customer at retail .....	2002.. 43 1997.. 38	X X	X X	92 680 59 625
337122E121	Nonupholstered wood furniture (incl. bookcases, chairs, chests of drawers, desks, tables, and vanities), unpainted (furniture-in-the-white), assembled, except custom sold directly to retail customer .....	2002.. 24 1997.. 19	X X	X X	61 583 77 253
337122E131	Nonupholstered wood household seating, unpainted and finished, sold in kits, ready-to-assemble, except custom sold directly to the customer at retail .....	1,000 units.. 2002.. 7 1997.. 8	X X	S S	S 43 969
337122E141	Nonupholstered wood kitchen furniture, unpainted and finished, sold in kits, ready-to-assemble, except custom sold directly to the customer at retail .....	2002.. 21 1997.. 11	X X	X X	141 857 141 548
337122E151	Nonupholstered wood bedroom furniture, unpainted and finished, sold in kits, ready-to-assemble, except custom sold directly to the customer at retail .....	2002.. 17 1997.. 12	X X	X X	121 857 82 836
337122E161	Nonupholstered wood home entertainment centers, unpainted and finished, sold in kits, ready-to-assemble, except custom sold directly to the customer at retail .....	1,000 units.. 2002.. 25 1997.. 17	X X	4 765.9 S	340 575 452 962
337122E171	Nonupholstered wood shelving, unpainted and finished, sold in kits, ready-to-assemble, except custom sold directly to the customer at retail .....	2002.. 13 1997.. 9	X X	X X	143 676 57 024
337122E181	Nonupholstered wood home-office computer furniture, unpainted and finished, sold in kits, ready-to-assemble, except custom sold directly to the customer at retail .....	2002.. 17 1997.. 13	X X	X X	557 514 574 031
337122E191	Nonupholstered wood furniture, other types, unpainted and finished, sold in kits, ready-to-assemble, except custom sold directly to the customer at retail .....	2002.. 24 1997.. 19	X X	X X	252 290 143 900
337122EY	Nonupholstered wood furniture, other types, exc. custom, nsk .....	2002.. N 1997.. N	X X	X X	44 010 20 548
337122EYWV	Nonupholstered wood furniture, other types, exc. custom, nsk .....	2002.. N 1997.. N	X X	X X	44 010 20 548
337122H	Nonupholstered wood household furniture (except kitchen cabinets, bathroom vanities, and related cabinetwork), custom sold directly to the customer at retail .....	2002.. N 1997.. N	X X	X X	118 116 N
337122H1	Nonupholstered wood household furniture (except kitchen cabinets, bathroom vanities, and related cabinetwork), custom sold directly to the customer at retail .....	2002.. N 1997.. N	X X	X X	118 116 N
337122H100	Nonupholstered wood household furniture (except kitchen cabinets, bathroom vanities, and related cabinetwork), custom sold directly to the customer at retail .....	2002.. 70 1997.. N	X X	X X	118 116 N
337122W	Nonupholstered wood household furniture manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	1 033 943 1 166 356
337122WY	Nonupholstered wood household furniture manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	1 033 943 1 166 356
337122WYWW	Nonupholstered wood household furniture manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	583 530 810 790
337122WYWY	Nonupholstered wood household furniture manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	450 413 355 566
337124	Metal household furniture manufacturing .....	2002.. N 1997.. N	X X	X X	1 923 215 2 218 791

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337124	Metal household furniture manufacturing—Con.				
3371241	Metal household furniture, dining room and kitchen, including padded and plain chairs and stools	2002.. N 1997.. N	X X	X X	247 844 328 970
33712411	Metal household furniture, dining room and kitchen, including padded and plain chairs and stools	2002.. N 1997.. N	X X	X X	246 063 298 829
3371241111	Metal household tables (breakfast, dinette, and dining), tubular, sold as part of a set	2002.. 17 1997.. 16	X X	S 651.3	89 442 71 617
3371241121	Metal household chairs (breakfast, dinette, and dining), including padded and plain, tubular, nonupholstered, sold as part of a set	2002.. 9 1997.. 12	X X	S 2 288.8	57 612 97 297
3371241131	Metal household tables (breakfast, dinette, and dining), tubular, not sold as part of a set	2002.. 10 1997.. 15	X X	S S	17 893 25 993
3371241141	Metal household chairs (breakfast, dinette, and dining), including padded and plain, tubular, nonupholstered, not sold as part of a set	2002.. 6 1997.. 11	X X	S S	14 116 40 216
3371241181	Metal household furniture, dining room and kitchen, other types (including cabinets, hostess carts, and padded and plain stools), nonupholstered	2002.. 40 1997.. N	X X	X X	67 000 N
3371241Y	Metal household furniture, dining room and kitchen, including padded and plain chairs and stools, nsk	2002.. N 1997.. N	X X	X X	1 781 30 141
3371241YVV	Metal household furniture, dining room and kitchen, including padded and plain chairs and stools, nsk	2002.. N 1997.. N	X X	X X	1 781 30 141
3371244	Metal household furniture, outdoor and casual (including beach, lawn, garden, and porch)	2002.. N 1997.. N	X X	X X	682 306 700 656
33712441	Metal household seating, outdoor and casual (including benches, chairs, chaise lounges, rockers, and settees), aluminum, tubular, nonupholstered, assembled and ready-to-assemble	2002.. N 1997.. N	X X	X X	190 020 233 913
3371244111	Metal household seating, outdoor and casual (including benches, chairs, chaise lounges, rockers, and settees), aluminum, tubular, nonupholstered, assembled and ready-to-assemble	2002.. 20 1997.. 21	X X	X X	190 020 233 913
33712442	Metal household furniture, outdoor and casual, other types (including beach, lawn, garden, and porch)	2002.. N 1997.. N	X X	X X	489 775 405 673
3371244211	Metal household furniture, outdoor and casual, including lawn and porch (including gliders, hammocks, swings, and tables), aluminum, tubular, nonupholstered, assembled and ready-to-assemble	2002.. 18 1997.. 17	X X	X X	107 884 93 503
3371244221	Metal household seating, outdoor and casual (including benches, chairs, chaise lounges, rockers, and settees), cast and wrought iron, nonupholstered, assembled and ready-to-assemble	2002.. 14 1997.. 11	X X	X X	171 696 82 279
3371244231	Metal household furniture, outdoor and casual, incl. lawn and porch, other types (incl. gliders, hammocks, swings, and tables), cast and wrought iron, nonupholstered, assembled and ready-to-assemble	2002.. 7 1997.. 11	X X	X X	D D
3371244241	Metal household furniture, outdoor and casual (including beach, lawn, garden, and porch), other types (including picnic tables), nonupholstered, assembled and ready-to-assemble	2002.. 18 1997.. 21	X X	X X	D D
3371244Y	Metal household furniture, outdoor and casual (including beach, lawn, garden, and porch), nsk	2002.. N 1997.. N	X X	X X	2 511 61 070
3371244YVV	Metal household furniture, outdoor and casual (including beach, lawn, garden, and porch), nsk	2002.. N 1997.. N	X X	X X	2 511 61 070
3371248	Metal household furniture, other types, nonupholstered	2002.. N 1997.. N	X X	X X	708 928 N
33712481	Metal household furniture, beds (including army, folding, and rollable cots, and bed frames), nonupholstered	2002.. N 1997.. N	X X	X X	484 452 N
3371248111	Metal household beds (including army, folding, and rollable cots, and other beds), nonupholstered	2002.. 15 1997.. N	X X	S N	251 347 N
3371248121	Metal household bed frames, including complete, with or without a headboard, nonupholstered, sold separately	2002.. 53 1997.. N	X X	X X	233 105 N
33712482	Metal household furniture, other types, nonupholstered	2002.. N 1997.. N	X X	X X	199 838 N
3371248211	Metal household cabinets, medicine, including insert- and wall-type	2002.. 7 1997.. N	X X	X X	78 319 N
3371248235	Metal household furniture, infants' car seats, nonupholstered	2002.. — 1997.. N	X X	— N	— N
3371248262	Metal household furniture, infants' and children's (including chairs, high chairs, playpens, play yards, portable cribs, and tables), nonupholstered	2002.. 6 1997.. N	X X	X X	D N
3371248275	Metal household furniture, other types, including folding trays, nonupholstered	2002.. 18 1997.. N	X X	X X	D N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337124	Metal household furniture manufacturing—Con.				
3371248	Metal household furniture, other types, nonupholstered—Con.				
3371248Y	Metal household furniture, other types, nonupholstered, nsk	2002.. N	X	X	24 638
		1997.. N	X	X	N
3371248YVW	Metal household furniture, other types, nonupholstered, nsk	2002.. N	X	X	24 638
		1997.. N	X	X	N
337124W	Metal household furniture manufacturing, nsk, total	2002.. N	X	X	284 137
		1997.. N	X	X	201 424
337124WY	Metal household furniture manufacturing, nsk, total	2002.. N	X	X	284 137
		1997.. N	X	X	201 424
337124WYVW	Metal household furniture manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	215 603
		1997.. N	X	X	129 369
337124WYVY	Metal household furniture manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	68 534
		1997.. N	X	X	72 055
337125	Household furniture (except wood and metal) manufacturing	2002.. N	X	X	702 621
		1997.. N	X	X	602 309
3371250	Household furniture, except wood and metal, nonupholstered	2002.. N	X	X	702 621
		1997.. N	X	X	602 309
33712501	Household cabinets, including audio and television (except cabinets used as housings), plastics	2002.. N	X	X	265 448
		1997.. N	X	X	265 693
3371250111	Household cabinets, including audio and television (except cabinets used as housings), plastics	2002.. 23	X	X	265 448
		1997.. 31	X	X	265 693
33712504	Household furniture (rattan, reed, wicker, and willow), nonupholstered	2002.. N	X	X	149 406
		1997.. N	X	X	N
3371250411	Household seating (rattan, reed, wicker, and willow), nonupholstered	2002.. 6	X	X	46 181
		1997.. N	X	X	N
3371250416	Household laundry hampers (rattan, reed, wicker, and willow)	2002.. 12	X	X	37 008
		1997.. N	X	X	N
3371250421	Household furniture (rattan, reed, wicker, and willow), other types, nonupholstered	2002.. 8	X	X	66 217
		1997.. N	X	X	N
33712505	Household furniture, except wood and metal, other types, nonupholstered	2002.. N	X	X	181 050
		1997.. N	X	X	N
3371250512	Household furniture, infants' car seats, plastics	2002.. 4	X	D	D
		1997.. N	X	N	N
3371250518	Household furniture, other types (except cabinets used as housings), plastics	2002.. 15	X	X	82 245
		1997.. N	X	X	N
3371250521	Household furniture, except wood and metal, all other types, nonupholstered	2002.. 13	X	X	D
		1997.. N	X	X	N
3371250Y	Household furniture, except wood and metal, nonupholstered, nsk, total	2002.. N	X	X	106 717
		1997.. N	X	X	76 439
3371250YVW	Household furniture, except wood and metal, nonupholstered, nsk, for nonadministrative-record establishments	2002.. N	X	X	82 344
		1997.. N	X	X	49 640
3371250YVY	Household furniture, except wood and metal, nonupholstered, nsk, for administrative-record establishments	2002.. N	X	X	24 373
		1997.. N	X	X	26 799
337127	Institutional furniture manufacturing	2002.. N	X	X	4 165 534
		1997.. N	X	X	3 977 485
3371271	School furniture (except library), except stone and concrete	2002.. N	X	X	813 103
		1997.. N	X	X	630 340
33712711	School furniture (except library), single-pupil units and nonfolding chairs, except stone and concrete	2002.. N	X	X	275 747
		1997.. N	X	X	240 087
3371271111	School furniture (except library), single-pupil units, except stone and concrete	2002.. 15	X	X	159 921
		1997.. 14	X	X	133 260
3371271121	School furniture (except library), chairs, nonfolding, all-purpose, except stone and concrete	2002.. 12	X	X	115 826
		1997.. 15	X	X	106 827
33712712	School furniture (except library), other types, except stone and concrete	2002.. N	X	X	494 647
		1997.. N	X	X	366 341
3371271211	School furniture (except library), storage cabinets, except stone and concrete	2002.. 26	X	X	131 836
		1997.. 31	X	X	116 172
3371271221	School furniture (except library), all other types, except stone and concrete	2002.. 56	X	X	362 811
		1997.. 57	X	X	250 169
3371271Y	School furniture (except library), except stone and concrete, nsk	2002.. N	X	X	42 709
		1997.. N	X	X	23 912
3371271YVW	School furniture (except library), except stone and concrete, nsk	2002.. N	X	X	42 709
		1997.. N	X	X	23 912
3371274	Public building and related furniture (except bar, bowling center, cafeteria, restaurant, and school)	2002.. N	X	X	1 282 560
		1997.. N	X	X	1 138 881
33712741	Public building and related furniture (except bar, bowling center, cafeteria, restaurant, and school)	2002.. N	X	X	1 255 618
		1997.. N	X	X	1 118 392

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337127	Institutional furniture manufacturing—Con.				
3371274	Public building and related furniture (except bar, bowling center, cafeteria, restaurant, and school)—Con.				
33712741	Public building and related furniture (except bar, bowling center, cafeteria, restaurant, and school)—Con.				
3371274111	Library furniture, including chairs, charging desks, reading tables, and study carrels .....	2002.. 30	X	X	108 569
		1997.. 27	X	X	53 418
3371274121	Church pews .....	2002.. 21	X	X	64 816
		1997.. 21	X	X	54 767
3371274141	Public building tables (except bar, bowling center, cafeteria, library, restaurant, and school), folding, including banquet .....	2002.. 13	X	X	96 238
		1997.. 15	X	X	71 843
3371274151	Public building chairs and seats, fixed (including auditorium, institutional, and theater) .....	thousands 2002.. 20	X	S	248 947
		1997.. 9	X	¶1 795.7	172 800
3371274161	Public building chairs, portable, folding (including single and ganged auditorium, institutional, and theater) .....	thousands 2002.. 10	X	P2 572.7	49 226
		1997.. 8	X	P4 555.2	40 616
3371274171	Public building chairs (except bar, bowling center, cafeteria, library, restaurant, and school), stacking (including auditorium, institutional, and theater) .....	thousands 2002.. 13	X	S	49 625
		1997.. 20	X	P584.6	44 188
3371274182	Public building chairs and seats, other types (including auditorium, barber, beauty, freestanding, theater, and institutional) .....	2002.. 15	X	X	67 875
		1997.. N	X	X	N
3371274191	Stadium and bleacher seating, including grandstands .....	2002.. 21	X	X	233 398
		1997.. 16	X	X	249 998
3371274196	Public building and related furniture (except bar, bowling center, cafeteria, restaurant, and school), other types, including church (including altars, lecterns, and pulpits), except pews .....	2002.. 42	X	X	336 924
		1997.. N	X	X	N
3371274Y	Public building and related furniture (except bar, bowling center, cafeteria, restaurant, and school), nsk .....	2002.. N	X	X	26 942
		1997.. N	X	X	20 489
3371274YVV	Public building and related furniture (except bar, bowling center, cafeteria, restaurant, and school), nsk .....	2002.. N	X	X	26 942
		1997.. N	X	X	20 489
3371278	Public furniture (bar, bowling center, cafeteria, and restaurant) .....	2002.. N	X	X	895 509
		1997.. N	X	X	N
33712781	Public furniture (bar, bowling center, cafeteria, and restaurant) .....	2002.. N	X	X	759 880
		1997.. N	X	X	N
3371278111	Public furniture (bar, bowling center, cafeteria, and restaurant), chairs and stools, wood, upholstered .....	2002.. 26	X	X	94 719
		1997.. N	X	X	N
3371278121	Public furniture (bar, bowling center, cafeteria, and restaurant), chairs and stools, wood, nonupholstered .....	2002.. 15	X	X	28 871
		1997.. N	X	X	N
3371278131	Public furniture (bar, bowling center, cafeteria, and restaurant), chairs and stools, metal .....	2002.. 17	X	X	80 841
		1997.. N	X	X	N
3371278141	Public furniture (bar, bowling center, cafeteria, and restaurant), bars and booths, including back bars .....	2002.. 40	X	X	118 384
		1997.. N	X	X	N
3371278192	Public furniture (bar, bowling center, cafeteria, and restaurant), other types, including lunchroom tables .....	2002.. 68	X	X	437 065
		1997.. N	X	X	N
3371278Y	Public furniture (bar, bowling center, cafeteria, and restaurant), nsk .....	2002.. N	X	X	135 629
		1997.. N	X	X	N
3371278YVV	Public furniture (bar, bowling center, cafeteria, and restaurant), nsk .....	2002.. N	X	X	135 629
		1997.. N	X	X	N
337127A	Institutional furniture, other types .....	2002.. N	X	X	693 327
		1997.. N	X	X	842 609
337127A2	Institutional furniture, other types .....	2002.. N	X	X	510 236
		1997.. N	X	X	802 047
337127A211	Industrial stools and work benches .....	2002.. 33	X	X	171 230
		1997.. 43	X	X	112 709
337127A292	Institutional furniture, all other types, including ship furniture and amusement game cabinets .....	2002.. 48	X	X	339 006
		1997.. N	X	X	N
337127AY	Institutional furniture, other types, nsk .....	2002.. N	X	X	183 091
		1997.. N	X	X	40 562
337127AYVV	Institutional furniture, other types, nsksk .....	2002.. N	X	X	183 091
		1997.. N	X	X	40 562
337127W	Institutional furniture manufacturing, nsk, total .....	2002.. N	X	X	481 035
		1997.. N	X	X	337 777
337127WY	Institutional furniture manufacturing, nsk, total .....	2002.. N	X	X	481 035
		1997.. N	X	X	337 777
337127WYVV	Institutional furniture manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	379 102
		1997.. N	X	X	232 011
337127WYVY	Institutional furniture manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	101 933
		1997.. N	X	X	105 766
337129	Wood television, radio, and sewing machine cabinet manufacturing .....	2002.. N	X	X	372 505
		1997.. N	X	X	516 379
3371290	Wood cabinets (television, radio, and sewing machine), used as housings .....	2002.. N	X	X	372 505
		1997.. N	X	X	516 379
33712901	Wood cabinets, television, including television and audio combination cabinets, used as housings .....	2002.. N	X	X	122 622

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
337129	Wood television, radio, and sewing machine cabinet manufacturing—Con.					
3371290	Wood cabinets (television, radio, and sewing machine), used as housings—Con.					
33712901	Wood cabinets, television, including television and audio combination cabinets, used as housings—Con.					
		1997..	N	X	X	329 887
3371290111	Wood cabinets, television, including television and audio combination cabinets, used as housings .....	2002..	23	X	X	122 622
		1997..	92	X	X	329 887
33712902	Wood cabinets, other types (including phonograph, radio, speaker, stereo, and sewing machine), used as housings .....	2002..	N	X	X	184 800
		1997..	N	X	X	116 606
3371290211	Wood cabinets, audio (including phonograph, radio, speaker, and stereo), used as housings .....	2002..	29	X	X	133 847
		1997..	38	X	X	105 604
3371290221	Wood cabinets, all other types (including sewing machine), used as housings .....	2002..	10	X	X	50 953
		1997..	6	X	X	11 002
3371290Y	Wood cabinets (television, radio, and sewing machine), used as housings, nsk, total .....	2002..	N	X	X	65 083
		1997..	N	X	X	69 886
3371290YWW	Wood cabinets (television, radio, and sewing machine), used as housings, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	42 144
		1997..	N	X	X	52 527
3371290YWY	Wood cabinets (television, radio, and sewing machine), used as housings, nsk, for administrative-record establishments .....	2002..	N	X	X	22 939
		1997..	N	X	X	17 359
337211	Wood office furniture manufacturing .....	2002..	N	X	X	2 957 507
		1997..	N	X	X	3 051 300
3372111	Wood office seating, including upholstered .....	2002..	N	X	X	578 286
		1997..	N	X	X	623 419
33721111	Wood office seating, including upholstered .....	2002..	N	X	X	575 585
		1997..	N	X	X	579 465
3372111115	Wood office chairs, task and general, including upholstered .....	2002..	46	X	S	270 391
		1997..	N	X	N	N
3372111131	Wood office chairs, arm and side, including upholstered .....	2002..	46	X	S	143 640
		1997..	51	X	X	144 458
3372111141	Wood office seating, lounge, including upholstered .....	2002..	31	X	X	101 376
		1997..	39	X	X	70 355
3372111171	Wood office seating, other types (including stacking chairs), including upholstered .....	2002..	22	X	X	60 178
		1997..	N	X	X	N
3372111Y	Wood office seating, including upholstered, nsk .....	2002..	N	X	X	2 701
		1997..	N	X	X	43 954
3372111YWV	Wood office seating, including upholstered, nsk .....	2002..	N	X	X	2 701
		1997..	N	X	X	43 954
3372114	Wood office desks and desk extensions .....	2002..	N	X	X	653 112
		1997..	N	X	X	594 428
33721141	Wood office desks and desk extensions .....	2002..	N	X	X	643 826
		1997..	N	X	X	563 973
3372114111	Wood office desks .....	2002..	104	X	S	580 054
		1997..	106	X	S	479 741
3372114121	Wood office desk extensions .....	2002..	39	X	X	63 772
		1997..	39	X	X	84 232
3372114Y	Wood office desks and desk extensions, nsk .....	2002..	N	X	X	9 286
		1997..	N	X	X	30 455
3372114YWV	Wood office desks and desk extensions, nsk .....	2002..	N	X	X	9 286
		1997..	N	X	X	30 455
3372117	Wood office files, storage units, and tables .....	2002..	N	X	X	665 164
		1997..	N	X	X	622 271
33721171	Wood office credenzas .....	2002..	N	X	X	194 085
		1997..	N	X	X	101 021
3372117111	Wood office credenzas .....	2002..	73	X	S	194 085
		1997..	73	X	S	101 021
33721172	Wood office bookcases and other storage units, except credenzas and files .....	2002..	N	X	X	120 140
		1997..	N	X	X	125 259
3372117211	Wood office bookcases and other storage units, except credenzas and files .....	2002..	79	X	X	120 140
		1997..	80	X	X	125 259
33721173	Wood office files and tables, including equipment support tables .....	2002..	N	X	X	347 594
		1997..	N	X	X	377 321
3372117311	Wood office files, vertical, legal- and letter-size .....	2002..	28	X	S	44 512
		1997..	33	X	S	52 224
3372117321	Wood office files, horizontal (lateral), legal- and letter-size .....	2002..	34	X	S	50 298
		1997..	37	X	S	64 778
3372117341	Wood office tables, conference and work .....	2002..	97	X	S	191 902
		1997..	94	X	S	177 241
3372117371	Wood office files and tables, other types, including equipment support tables .....	2002..	47	X	X	60 882
		1997..	N	X	X	N
3372117Y	Wood office files, storage units, and tables, nsk .....	2002..	N	X	X	3 345
		1997..	N	X	X	18 670
3372117YWV	Wood office files, storage units, and tables, nsk .....	2002..	N	X	X	3 345
		1997..	N	X	X	18 670
337211A	Wood office furniture, other types (including panel and desking systems) .....	2002..	N	X	X	803 563
		1997..	N	X	X	707 052
337211A1	Wood office furniture, other types (including panel and desking systems) .....	2002..	N	X	X	761 156
		1997..	N	X	X	692 354

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337211	Wood office furniture manufacturing—Con.				
337211A	Wood office furniture, other types (including panel and desking systems)—Con.				
337211A1	Wood office furniture, other types (including panel and desking systems)—Con.				
337211A115	Wood office panel systems, including accessories and components .....	2002.. 45 1997.. N	X X	X X	331 885 N
337211A135	Wood office desking systems, including accessories and components .....	2002.. 40 1997.. N	X X	X X	166 555 N
337211A141	Wood office furniture, all other types .....	2002.. 76 1997.. 43	X X	X X	262 716 129 321
337211AY	Wood office furniture, other types (including panel and desking systems), nsk .....	2002.. N 1997.. N	X X	X X	42 407 14 698
337211AYWV	Wood office furniture, other types (including panel and desking systems), nsk .....	2002.. N 1997.. N	X X	X X	42 407 14 698
337211W	Wood office furniture manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	257 382 504 130
337211WY	Wood office furniture manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	257 382 504 130
337211WYWW	Wood office furniture manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	138 942 449 574
337211WYWY	Wood office furniture manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	118 440 54 556
337212	Custom architectural woodwork and millwork manufacturing .....	2002.. N 1997.. N	X X	X X	3 888 830 2 067 987
3372120	Custom architectural woodwork, millwork, and fixtures .....	2002.. N 1997.. N	X X	X X	3 888 830 2 067 987
33721201	Custom architectural woodwork, millwork, and fixtures (including custom wood and plastics laminated wood fixture tops), except kitchen cabinet and bathroom vanity tops .....	2002.. N 1997.. N	X X	X X	3 294 444 1 933 680
3372120111	Custom architectural woodwork, millwork, and fixtures (including custom wood and plastics laminated wood fixture tops), except kitchen cabinet and bathroom vanity tops .....	2002.. 1 140 1997.. N	X X	X X	3 294 444 N
3372120Y	Custom architectural woodwork, millwork, and fixtures, nsk, total .....	2002.. N 1997.. N	X X	X X	594 386 134 307
3372120YWW	Custom architectural woodwork, millwork, and fixtures, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	460 724 74 490
3372120YWY	Custom architectural woodwork, millwork, and fixtures, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	133 662 59 817
337214	Office furniture (except wood) manufacturing .....	2002.. N 1997.. N	X X	X X	7 158 873 8 148 445
3372141	Office seating, including upholstered, except wood .....	2002.. N 1997.. N	X X	X X	1 657 007 1 787 201
33721411	Office chairs, task and general, including upholstered, except wood .....	2002.. N 1997.. N	X X	X X	1 261 572 1 382 285
3372141115	Office chairs, task and general, including upholstered, except wood .....	2002.. 44 1997.. N	X X	S N	1 261 572 N
33721412	Office seating, other types, including upholstered, except wood .....	2002.. N 1997.. N	X X	X X	389 138 254 822
3372141211	Office chairs, arm and side, including upholstered, except wood .....	2002.. 19 1997.. 18	X X	S S	196 546 145 554
3372141231	Office chairs, stacking, including upholstered, except wood .....	2002.. 26 1997.. 17	X X	S S	118 082 54 391
3372141251	Office seating, all other types, including lounge and upholstered, except wood .....	2002.. 12 1997.. N	X X	X X	74 510 N
3372141Y	Office seating, including upholstered, except wood, nsk .....	2002.. N 1997.. N	X X	X X	6 297 150 094
3372141YWV	Office seating, including upholstered, except wood, nsk .....	2002.. N 1997.. N	X X	X X	6 297 150 094
3372144	Office desks and desk extensions, except wood .....	2002.. N 1997.. N	X X	X X	251 158 511 162
33721441	Office desks and desk extensions, except wood .....	2002.. N 1997.. N	X X	X X	243 028 350 732
3372144111	Office desks, except wood .....	2002.. 23 1997.. 36	X X	S S	205 267 323 797
3372144121	Office desk extensions, except wood .....	2002.. 6 1997.. 12	X X	X X	37 761 26 935
3372144Y	Office desks and desk extensions, except wood, nsk .....	2002.. N 1997.. N	X X	X X	8 130 160 430
3372144YWV	Office desks and desk extensions, except wood, nsk .....	2002.. N 1997.. N	X X	X X	8 130 160 430
3372147	Office files, storage units, and tables, except wood .....	2002.. N 1997.. N	X X	X X	2 651 884 2 169 320
33721471	Office files, vertical, legal- and letter-size, except wood .....	2002.. N 1997.. N	X X	X X	756 148 404 048
3372147111	Office files, vertical, legal- and letter-size, except wood .....	2002.. 27 1997.. 27	X X	S S	756 148 404 048

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337214	Office furniture (except wood) manufacturing—Con.				
3372147	Office files, storage units, and tables, except wood—Con.				
33721472	Office files, horizontal (lateral), legal- and letter-size, except wood	2002.. N	X	X	786 405
		1997.. N	X	X	635 022
3372147211	Office files, horizontal (lateral), legal- and letter-size, except wood	2002.. 26	X	S	786 405
		1997.. 27	X	X	635 022
33721473	Office files, other types, except wood	2002.. N	X	X	351 826
		1997.. N	X	X	291 837
3372147311	Office files, other types, except wood	2002.. 17	X	X	351 826
		1997.. 29	X	X	291 837
33721474	Office storage units and tables, except wood	2002.. N	X	X	735 331
		1997.. N	X	X	637 279
3372147422	Office storage units, including bookcases and credenzas, except wood	2002.. 34	X	X	412 375
		1997.. N	X	X	N
3372147431	Office tables, conference and work, except wood	2002.. 26	X	S	241 293
		1997.. 30	X	X	184 844
3372147441	Office tables, equipment supporting, except wood	2002.. 11	X	X	57 106
		1997.. 16	X	X	79 941
3372147451	Office tables, other types, except wood	2002.. 11	X	X	24 557
		1997.. 23	X	X	65 528
3372147Y	Office files, storage units, and tables, except wood, nsk	2002.. N	X	X	22 174
		1997.. N	X	X	201 134
3372147YVV	Office files, storage units, and tables, except wood, nsk	2002.. N	X	X	22 174
		1997.. N	X	X	201 134
337214A	Office furniture, other types (including panel and desking systems), except wood	2002.. N	X	X	2 329 009
		1997.. N	X	X	3 453 780
337214A3	Office panel systems, including accessories and components, except wood	2002.. N	X	X	1 875 481
		1997.. N	X	X	N
337214A315	Office panel systems, including accessories and components, except wood	2002.. 38	X	X	1 875 481
		1997.. N	X	X	N
337214A2	Office furniture, other types, including desking systems (including accessories and components), except wood	2002.. N	X	X	444 771
		1997.. N	X	X	843 821
337214A225	Office desking systems, including accessories and components, except wood	2002.. 25	X	X	266 314
		1997.. N	X	X	N
337214A231	Office furniture, all other types, except wood	2002.. 23	X	X	178 457
		1997.. 30	X	X	200 896
337214AY	Office furniture, other types (including panel and desking systems), except wood, nsk	2002.. N	X	X	8 757
		1997.. N	X	X	131 009
337214AYVV	Office furniture, other types (including panel and desking systems), except wood, nsk	2002.. N	X	X	8 757
		1997.. N	X	X	131 009
337214W	Office furniture (except wood) manufacturing, nsk, total	2002.. N	X	X	269 815
		1997.. N	X	X	226 982
337214WY	Office furniture (except wood) manufacturing, nsk, total	2002.. N	X	X	269 815
		1997.. N	X	X	226 982
337214WYVV	Office furniture (except wood) manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	162 639
		1997.. N	X	X	125 124
337214WYVY	Office furniture (except wood) manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	107 176
		1997.. N	X	X	101 858
337215	Showcase, partition, shelving, and locker manufacturing	2002.. N	X	X	8 118 904
		1997.. N	X	X	7 545 384
3372151	Lockers, partitions, and shelving (except custom), wood	2002.. N	X	X	166 677
		1997.. N	X	X	180 383
33721511	Lockers, partitions, and shelving (except custom), wood	2002.. N	X	X	147 083
		1997.. N	X	X	157 859
3372151111	Partitions (except custom), wood, prefabricated, assembled and knock-down	2002.. 18	X	X	32 323
		1997.. 20	X	X	39 820
3372151121	Shelving (except custom), wood	2002.. 32	X	X	98 266
		1997.. 30	X	X	108 598
3372151131	Lockers (except custom), wood	2002.. 9	X	X	16 494
		1997.. 8	X	X	9 441
3372151Y	Lockers, partitions, and shelving (except custom), wood, nsk	2002.. N	X	X	19 594
		1997.. N	X	X	22 524
3372151YVV	Lockers, partitions, and shelving (except custom), wood, nsk	2002.. N	X	X	19 594
		1997.. N	X	X	22 524
3372155	Fixtures (bank, office, and store), wood, except custom	2002.. N	X	X	1 484 348
		1997.. N	X	X	N
33721551	Fixtures (bank, office, and store), wood, except custom	2002.. N	X	X	1 397 107
		1997.. N	X	X	N
3372155111	Fixtures, wall (retail store), wood, except custom	2002.. 61	X	X	168 499
		1997.. N	X	X	N
3372155121	Fixtures, center floor tables and gondolas (retail store), wood, except custom	2002.. 40	X	X	81 793
		1997.. N	X	X	N
3372155131	Fixtures, other types (including display cases), retail store, wood, except custom	2002.. 128	X	X	502 356
		1997.. N	X	X	N
3372155141	Fixtures, table and display (bank, office, and store), wood, except custom	2002.. 57	X	X	137 069
		1997.. N	X	X	N
3372155151	Cabinets, including floor and wall (bank, office, and store), wood, except custom	2002.. 126	X	X	185 282
		1997.. N	X	X	N
3372155164	Counters (office and store), wood, except custom	2002.. 48	X	X	55 983

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337215	Showcase, partition, shelving, and locker manufacturing—Con.				
3372155	Fixtures (bank, office, and store), wood, except custom—Con.				
33721551	Fixtures (bank, office, and store), wood, except custom—Con.				
3372155164	Counters (office and store), wood, except custom—Con.				
		1997..	N	X	X
3372155183	Fixtures (bank, office, and store), all other types (including cashier stands and wood and plastics laminated fixture tops (stock)), wood, except custom.....	2002..	107	X	X
		1997..	N	X	X
3372155Y	Fixtures (bank, office, and store), wood, except custom, nsk.....	2002..	N	X	X
		1997..	N	X	X
3372155YVW	Fixtures (bank, office, and store), wood, except custom, nsk.....	2002..	N	X	X
		1997..	N	X	X
3372157	Partitions, prefabricated, assembled and knock-down, except wood.....	2002..	N	X	X
		1997..	N	X	X
33721571	Partitions, prefabricated, assembled and knock-down, except wood.....	2002..	N	X	X
		1997..	N	X	X
3372157111	Partitions, toilet, prefabricated, assembled and knock-down, except wood.....	2002..	14	X	X
		1997..	15	X	X
3372157121	Partitions, movable (except freestanding), prefabricated, assembled and knock-down, except wood.....	2002..	17	X	X
		1997..	17	X	X
3372157131	Partitions, other types (except accordion and folding door), prefabricated, assembled and knock-down, except wood.....	2002..	6	X	X
		1997..	6	X	X
3372157Y	Partitions, prefabricated, assembled and knock-down, except wood, nsk.....	2002..	N	X	X
		1997..	N	X	X
3372157YVW	Partitions, prefabricated, assembled and knock-down, except wood, nsk.....	2002..	N	X	X
		1997..	N	X	X
337215A	Shelving and lockers, except wood.....	2002..	N	X	X
		1997..	N	X	X
337215A1	Shelving, commercial, except wood.....	2002..	N	X	X
		1997..	N	X	X
337215A111	Shelving, commercial, except wood.....	2002..	65	X	X
		1997..	40	X	X
337215A2	Bookstacks and other shelving, except wood.....	2002..	N	X	X
		1997..	N	X	X
337215A211	Bookstacks, except wood.....	2002..	4	X	X
		1997..	14	X	X
337215A221	Shelving, other types (including computer tape and disk, correspondence, and microfilm), except wood.....	2002..	12	X	X
		1997..	13	X	X
337215A231	Lockers, except wood.....	2002..	28	X	X
		1997..	16	X	X
337215AY	Shelving and lockers, except wood, nsk.....	2002..	N	X	X
		1997..	N	X	X
337215AYVW	Shelving and lockers, except wood, nsk.....	2002..	N	X	X
		1997..	N	X	X
337215E	Storage racks and accessories, except wood.....	2002..	N	X	X
		1997..	N	X	X
337215E1	Storage racks and accessories, except wood.....	2002..	N	X	X
		1997..	N	X	X
337215E111	Storage racks (drive-in, drive-through, and gravity conveyor), except wood.....	2002..	19	X	X
		1997..	20	X	X
337215E121	Storage racks, cantilever, except wood.....	2002..	18	X	X
		1997..	16	X	X
337215E131	Stacking racks and frames, portable, except wood.....	2002..	20	X	X
		1997..	29	X	X
337215E141	Stacker racks, except wood.....	2002..	16	X	X
		1997..	13	X	X
337215E161	Storage racks and accessories, trucks and vans, except wood.....	2002..	12	X	X
		1997..	N	X	X
337215E171	Storage racks and accessories, other types, including conventional pallet, except wood.....	2002..	53	X	X
		1997..	N	X	X
337215EY	Storage racks and accessories, except wood, nsk.....	2002..	N	X	X
		1997..	N	X	X
337215EYVW	Storage racks and accessories, except wood, nsk.....	2002..	N	X	X
		1997..	N	X	X
337215G	Fixtures (bank, office, and store), except wood.....	2002..	N	X	X
		1997..	N	X	X
337215G1	Fixtures, retail store, custom, except wood.....	2002..	N	X	X
		1997..	N	X	X
337215G111	Fixtures, retail store, custom, except wood.....	2002..	103	X	X
		1997..	N	X	X
337215G2	Fixtures, retail store, manufacturers' standard, except wood.....	2002..	N	X	X
		1997..	N	X	X
337215G211	Fixtures, retail store, manufacturers' standard, except wood.....	2002..	25	X	X
		1997..	N	X	X
337215G3	Fixtures (bank, office, and store), other types, except wood.....	2002..	N	X	X
		1997..	N	X	X
337215G311	Fixtures (bank, office, and store), table and display, except wood.....	2002..	58	X	X
		1997..	N	X	X
337215G321	Fixtures (bank, office, and store), cabinets (including floor and wall), except wood.....	2002..	52	X	X
		1997..	N	X	X

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337215	Showcase, partition, shelving, and locker manufacturing—Con.				
337215G	Fixtures (bank, office, and store), except wood—Con.				
337215G3	Fixtures (bank, office, and store), other types, except wood—Con.				
337215G333	Fixtures (bank, office, and store), other types, including cashier stands, except wood	2002.. 32	X	X	88 531
		1997.. N	X	X	N
337215GY	Fixtures (bank, office, and store), except wood, nsk	2002.. N	X	X	92 870
		1997.. N	X	X	N
337215GYWV	Fixtures (bank, office, and store), except wood, nsk	2002.. N	X	X	92 870
		1997.. N	X	X	N
337215J	Frames, furniture, wood	2002.. N	X	X	300 038
		1997.. N	X	X	N
337215J1	Frames, furniture, wood	2002.. N	X	X	288 330
		1997.. N	X	X	N
337215J111	Frames, furniture, household seating, wood	2002.. 83	X	S	242 718
	thousands	1997.. N	X	N	N
337215J131	Frames, furniture, other types, wood	2002.. 33	X	X	45 612
		1997.. N	X	X	N
337215JY	Frames, furniture, wood, nsk	2002.. N	X	X	11 708
		1997.. N	X	X	N
337215JYWV	Frames, furniture, wood, nsk	2002.. N	X	X	11 708
		1997.. N	X	X	N
337215L	Furniture dimensions, fully machined ready for assembly, hardwood and softwood	2002.. N	X	X	898 106
		1997.. N	X	X	N
337215L1	Furniture dimensions, fully machined ready for assembly, hardwood and softwood	2002.. N	X	X	898 106
		1997.. N	X	X	N
337215L121	Furniture dimensions, cabinets, fully machined ready for assembly, hardwood	2002.. 32	X	S	230 752
	mil bd ft lum cons.	1997.. N	X	N	N
337215L131	Furniture dimensions, all other types (except cabinets), fully machined ready for assembly, hardwood	2002.. 50	X	S	100 841
	mil bd ft lum cons.	1997.. N	X	N	N
337215L141	Furniture dimensions, all types, fully machined ready for assembly, softwood	2002.. 9	X	X	9 404
		1997.. N	X	X	N
337215L151	Furniture parts, including plastics furniture frames, finished	2002.. 91	X	X	289 171
		1997.. N	X	X	N
337215L161	Furniture parts, household, all other types (including furniture and box spring frames and sleeper mechanisms), except hardware, metal	2002.. 36	X	X	163 607
		1997.. N	X	X	N
337215L171	Furniture parts, all other types (except household), including furniture frames, except hardware, metal	2002.. 45	X	X	104 331
		1997.. N	X	X	N
337215LY	Furniture dimensions, fully machined ready for assembly, hardwood and softwood, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
337215LYWV	Furniture dimensions, fully machined ready for assembly, hardwood and softwood, nsk	2002.. N	X	X	—
		1997.. N	X	X	N
337215W	Showcase, partition, shelving, and locker manufacturing, nsk, total	2002.. N	X	X	1 606 813
		1997.. N	X	X	1 011 210
337215WY	Showcase, partition, shelving, and locker manufacturing, nsk, total	2002.. N	X	X	1 606 813
		1997.. N	X	X	1 011 210
337215WYWW	Showcase, partition, shelving, and locker manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	1 376 888
		1997.. N	X	X	821 079
337215WYWY	Showcase, partition, shelving, and locker manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	229 925
		1997.. N	X	X	190 131
337910	Mattress manufacturing	2002.. N	X	X	4 933 086
		1997.. N	X	X	3 848 118
3379101	Mattresses, innerspring (including polyurethane, rubber topper pads, and mattresses sold as part of Hollywood beds), except crib-size	2002.. N	X	X	2 820 056
		1997.. N	X	X	2 133 590
33791011	Mattresses, innerspring (including polyurethane, rubber topper pads, and mattresses sold as part of Hollywood beds), except crib-size	2002.. N	X	X	2 820 056
		1997.. N	X	X	2 133 590
3379101100	Mattresses, innerspring (including polyurethane, rubber topper pads, and mattresses sold as part of Hollywood beds), except crib-size	2002.. 206	X	S	2 820 056
	thousands	1997.. 295	X	917 573.6	2 133 590
3379104	Mattresses, other types	2002.. N	X	X	486 185
		1997.. N	X	X	347 067
33791041	Mattresses, other types	2002.. N	X	X	484 758
		1997.. N	X	X	340 040
3379104111	Mattresses, crib-size (including cotton felt, hair, innersprings, latex foam, and polyurethane)	2002.. 17	X	X	211 311
		1997.. 12	X	X	76 806
3379104121	Mattresses, foam core, except crib-size	2002.. 59	X	X	128 352
		1997.. 42	X	X	33 487
3379104141	Mattresses, inserts for dual-purpose sleep furniture and futons	2002.. 27	X	X	81 004
		1997.. 37	X	X	83 790
3379104131	Mattresses, all other types (including cotton felt, hair, and inflatable air chambers), except hybrid-type flotation ensembles and electric adjustable ensembles	2002.. 16	X	X	64 091
		1997.. 20	X	X	S
3379104Y	Mattresses, other types, nsk	2002.. N	X	X	1 427

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337910	Mattress manufacturing—Con.				
3379104	Mattresses, other types—Con.				
3379104Y	Mattresses, other types, nsk—Con.				
3379104YVW	Mattresses, other types, nsk	1997.. N 2002.. N 1997.. N	X X X	X X X	7 027 1 427 7 027
3379107	Foundations, except innerspring units and foundations incorporated into hybrid-type flotation sleep ensembles and electric adjustable sleep ensembles	2002.. N 1997.. N	X X	X X	1 234 994 1 124 080
33791071	Foundations, except innerspring units and foundations incorporated into hybrid-type flotation sleep ensembles and electric adjustable sleep ensembles	2002.. N 1997.. N	X X	X X	1 210 972 1 109 029
3379107111	Foundations, spring, except innerspring units and foundations incorporated into hybrid-type flotation sleep ensembles and electric adjustable sleep ensembles	2002.. N 1997.. N	X X	X X	1 073 058 984 177
3379107121	Foundations, foam, except innerspring units and foundations incorporated into hybrid-type flotation sleep ensembles and electric adjustable sleep ensembles	2002.. 124 1997.. 187	X X	S 9 773.9	29 813 35 000
3379107131	Foundations, other types (including platform), except innerspring units and foundations incorporated into hybrid-type flotation sleep ensembles and electric adjustable sleep ensembles	2002.. 20 1997.. 36	X X	S P660.0	29 813 35 000
3379107Y	Foundations, except innerspring units and foundations incorporated into hybrid-type flotation sleep ensembles and electric adjustable sleep ensembles, nsk	2002.. 48 1997.. 68	X X	X X	108 101 89 852
3379107YVW	Foundations, except innerspring units and foundations incorporated into hybrid-type flotation sleep ensembles and electric adjustable sleep ensembles, nsk	2002.. N 1997.. N	X X	X X	24 022 15 051
337910A	Sleep system ensembles and mattresses, except conventional waterbeds	2002.. N 1997.. N	X X	X X	97 632 73 357
337910A1	Sleep system ensembles and mattresses, except conventional waterbeds	2002.. N 1997.. N	X X	X X	87 632 73 357
337910A111	Sleep system ensembles and mattresses, hybrid-type flotation, except conventional waterbeds	2002.. 2 1997.. 8	X X	X X	D 16 240
337910A121	Sleep system ensembles and mattresses, electric adjustable, except conventional water and hospital beds	2002.. 38 1997.. 32	X X	X X	D S
337910AY	Sleep system ensembles and mattresses, except conventional waterbeds, nsk	2002.. N 1997.. N	X X	X X	10 000 —
337910AYVW	Sleep system ensembles and mattresses, except conventional waterbeds, nsk	2002.. N 1997.. N	X X	X X	10 000 —
337910W	Mattress manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	294 219 170 024
337910WY	Mattress manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	294 219 170 024
337910WYVW	Mattress manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	207 666 77 284
337910WYVY	Mattress manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	86 553 92 740
337920	Blind and shade manufacturing	2002.. N 1997.. N	X X	X X	2 507 097 2 192 994
3379202	Window shades, including accessories and rollers	2002.. N 1997.. N	X X	X X	609 578 N
33792021	Window shades, including accessories and rollers	2002.. N 1997.. N	X X	X X	533 278 N
3379202111	Window shades, plastics	2002.. 33 1997.. N	X X	X X	73 441 N
3379202125	Window shades, other types (including canvas and other fabrics and paper)	2002.. 76 1997.. N	X X	X X	419 921 N
3379202131	Window shades, accessories and rollers, sold separately	2002.. 15 1997.. N	X X	X X	39 916 N
3379202Y	Window shades, including accessories and rollers, nsk	2002.. N 1997.. N	X X	X X	76 300 N
3379202YVW	Window shades, including accessories and rollers, nsk	2002.. N 1997.. N	X X	X X	76 300 N
3379204	Venetian blinds, including components and parts	2002.. N 1997.. N	X X	X X	929 737 1 128 102
33792041	Venetian blinds, complete, aluminum-slat, including horizontal and vertical	2002.. N 1997.. N	X X	X X	203 255 339 669
3379204111	Venetian blinds, complete, aluminum-slat, including horizontal and vertical	2002.. 56 1997.. 77	X X	X X	203 255 339 669
33792042	Venetian blinds, complete, other types (including plastics, steel, and wood), horizontal and vertical	2002.. N 1997.. N	X X	X X	567 372 624 443
3379204211	Venetian blinds, complete, other types (including plastics, steel, and wood), horizontal and vertical	2002.. 73 1997.. 77	X X	X X	567 372 624 443

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
337920	Blind and shade manufacturing—Con.				
3379204	Venetian blinds, including components and parts—Con.				
33792043	Venetian blinds, components and parts .....	2002.. N	X	X	98 151
		1997.. N	X	X	132 570
3379204311	Venetian blinds, components and parts .....	2002.. 17	X	X	98 151
		1997.. 12	X	X	132 570
3379204Y	Venetian blinds, including components and parts, nsk .....	2002.. N	X	X	60 959
		1997.. N	X	X	31 420
3379204YVW	Venetian blinds, including components and parts, nsk .....	2002.. N	X	X	60 959
		1997.. N	X	X	31 420
3379208	Blinds and shades, other types (including curtain and drapery fixtures, poles, and rods) .....	2002.. N	X	X	785 026
		1997.. N	X	X	N
33792081	Blinds and shades, other types (including curtain and drapery fixtures, poles, and rods) .....	2002.. N	X	X	785 026
		1997.. N	X	X	N
3379208115	Blinds and shades, all other types (including bamboo, canvas and other fabrics, chip, metal, plastics, rattan, reed, and wood), except awnings (canvas and other fabrics) .....	2002.. 93	X	X	536 632
		1997.. N	X	X	N
3379208121	Curtain and drapery fixtures, poles, and rods (except window shade accessories and rollers) .....	2002.. 39	X	X	248 394
		1997.. N	X	X	N
3379208Y	Blinds and shades, other types (including curtain and drapery fixtures, poles, and rods), nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
3379208YVW	Blinds and shades, other types (including curtain and drapery fixtures, poles, and rods), nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
337920W	Blind and shade manufacturing, nsk, total .....	2002.. N	X	X	182 756
		1997.. N	X	X	146 519
337920WY	Blind and shade manufacturing, nsk, total .....	2002.. N	X	X	182 756
		1997.. N	X	X	146 519
337920WYVW	Blind and shade manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	120 679
		1997.. N	X	X	79 376
337920WYVY	Blind and shade manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	62 077
		1997.. N	X	X	67 143
339111	Laboratory apparatus and furniture manufacturing <sup>53</sup> .....	2002.. N	X	X	4 616 239
		1997.. N	X	X	2 047 886
3391114	Hospital beds <sup>53</sup> .....	2002.. N	X	X	765 977
		1997.. N	X	X	N
33911141	Hospital beds .....	2002.. N	X	X	765 977
		1997.. N	X	X	N
3391114100	Hospital beds .....	2002.. 25	X	X	765 977
		1997.. N	X	X	N
3391116	Hospital furniture <sup>53</sup> .....	2002.. N	X	X	882 281
		1997.. N	X	X	N
33911161	Hospital furniture .....	2002.. N	X	X	875 502
		1997.. N	X	X	N
3391116102	Hospital furniture, operating room (including cabinets, cases, and tables) .....	2002.. 14	X	X	197 578
		1997.. N	X	X	N
3391116105	Hospital furniture, patient room (including cabinets, desks, dressers, and over-bed tables), except beds and chairs .....	2002.. 25	X	X	104 888
		1997.. N	X	X	N
3391116109	Hospital furniture, other types (including back rests, bassinets, cases, chart racks, and other tables), except beds and operating and patient room furniture .....	2002.. 34	X	X	573 036
		1997.. N	X	X	N
3391116Y	Hospital furniture, nsk .....	2002.. N	X	X	6 779
		1997.. N	X	X	N
3391116YVW	Hospital furniture, nsk .....	2002.. N	X	X	6 779
		1997.. N	X	X	N
3391118	Laboratory apparatus and furniture .....	2002.. N	X	X	2 795 932
		1997.. N	X	X	N
33911181	Laboratory furniture, including parts (sold separately) .....	2002.. N	X	X	417 201
		1997.. N	X	X	N
3391118120	Laboratory furniture, including parts (sold separately) <sup>30</sup> .....	2002.. 35	X	X	417 201
		1997.. N	X	X	N
33911182	Laboratory and scientific apparatus .....	2002.. N	X	X	2 378 731
		1997.. N	X	X	N
3391118240	Laboratory and scientific apparatus <sup>30</sup> .....	2002.. 217	X	X	2 378 731
		1997.. N	X	X	N
3391118Y	Laboratory apparatus and furniture, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
3391118YVW	Laboratory apparatus and furniture, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	N
339111W	Laboratory apparatus and furniture manufacturing, nsk, total .....	2002.. N	X	X	172 049
		1997.. N	X	X	N
339111WY	Laboratory apparatus and furniture manufacturing, nsk, total .....	2002.. N	X	X	172 049
		1997.. N	X	X	N
339111WYVW	Laboratory apparatus and furniture manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	123 801
		1997.. N	X	X	N
339111WYVY	Laboratory apparatus and furniture manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	48 248
		1997.. N	X	X	N
339112	Surgical and medical instrument manufacturing .....	2002.. N	X	X	20 450 459
		1997.. N	X	X	17 367 955

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339112	Surgical and medical instrument manufacturing—Con.				
3391120	Surgical and medical instruments	2002.. N 1997.. N	X X	X X	20 450 459 N
33911201	Surgical and orthopedic instruments	2002.. N 1997.. N	X X	X X	4 777 048 N
3391120101	Surgical instruments, including suture needles and ear, eye, nose, and throat instruments	2002.. 122 1997.. N	X X	X X	3 856 800 N
3391120106	Orthopedic instruments, except ear, eye, nose, and throat instruments	2002.. 46 1997.. N	X X	X X	920 248 N
33911202	Surgical and medical diagnostic apparatus, except electromedical	2002.. N 1997.. N	X X	X X	3 030 043 N
3391120211	Surgical and medical diagnostic apparatus, metabolism and blood pressure, except electromedical	2002.. 22 1997.. N	X X	X X	312 375 N
3391120216	Surgical and medical diagnostic apparatus, other types (including optical), except electromedical	2002.. 80 1997.. N	X X	X X	2 717 668 N
33911203	Surgical and medical syringes and hypodermic needles	2002.. N 1997.. N	X X	X X	1 576 111 N
3391120321	Surgical and medical syringes	2002.. 24 1997.. N	X X	X X	1 250 546 N
3391120326	Surgical and medical hypodermic needles	2002.. 18 1997.. N	X X	X X	325 565 N
33911204	Surgical and medical blood transfusion and IV equipment, including blood donor kits	2002.. N 1997.. N	X X	X X	1 275 523 N
3391120431	Surgical and medical blood transfusion and IV equipment, including blood donor kits	2002.. 40 1997.. N	X X	X X	1 275 523 N
33911205	Surgical and medical catheters	2002.. N 1997.. N	X X	X X	2 702 191 N
3391120536	Surgical and medical catheters	2002.. 75 1997.. N	X X	X X	2 702 191 N
33911206	Surgical and medical apparatus and instruments, other types, except parts	2002.. N 1997.. N	X X	X X	4 401 506 N
3391120641	Surgical and medical apparatus and instruments, anesthetic	2002.. 22 1997.. N	X X	X X	681 512 N
3391120646	Surgical and medical internal fixation devices (bone nails, plates, and screws, etc.)	2002.. 39 1997.. N	X X	X X	1 258 643 N
3391120651	Surgical and medical apparatus, mechanical therapy	2002.. 13 1997.. N	X X	X X	84 740 N
3391120671	Surgical and medical apparatus and instruments, all other types, except parts	2002.. 132 1997.. N	X X	X X	2 376 611 N
33911207	Surgical and medical apparatus and instruments, parts	2002.. N 1997.. N	X X	X X	963 711 N
3391120766	Surgical and medical apparatus and instruments, parts	2002.. 100 1997.. N	X X	X X	963 711 N
3391120Y	Surgical and medical instruments, nsk, total	2002.. N 1997.. N	X X	X X	1 724 326 N
3391120YWW	Surgical and medical instruments, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	1 134 689 N
3391120YWY	Surgical and medical instruments, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	589 637 N
339113	Surgical appliance and supplies manufacturing	2002.. N 1997.. N	X X	X X	22 088 291 13 521 922
3391132	Surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic	2002.. N 1997.. N	X X	X X	17 992 253 N
33911321	Artificial joints and limbs	2002.. N 1997.. N	X X	X X	3 992 140 N
3391132101	Artificial joints	2002.. 30 1997.. N	X X	X X	3 853 102 N
3391132104	Artificial limbs	2002.. 56 1997.. N	X X	X X	139 038 N
33911322	Orthopedic and prosthetic appliances, other types	2002.. N 1997.. N	X X	X X	2 382 125 N
3391132207	Orthopedic and prosthetic braces, mechanical	2002.. 46 1997.. N	X X	X X	303 632 N
3391132211	Orthopedic and prosthetic braces, suspensories, and supports, elastic	2002.. 31 1997.. N	X X	X X	217 377 N
3391132214	Orthopedic and prosthetic elastic stockings	2002.. 12 1997.. N	X X	X X	66 531 N
3391132221	Orthopedic and prosthetic splints and trusses	2002.. 22 1997.. N	X X	X X	50 943 N
3391132224	Orthopedic and prosthetic walking assistance appliances (crutches, canes, etc.)	2002.. 12 1997.. N	X X	X X	48 174 N
3391132227	Orthopedic and prosthetic foot appliances (arch supports, etc.)	2002.. 45 1997.. N	X X	X X	266 494 N
3391132231	Intraocular lenses	2002.. 11 1997.. N	X X	X X	130 739 N
3391132235	Orthopedic and prosthetic appliances, all other types, including surgical corsets	2002.. 77 1997.. N	X X	X X	1 298 235 N
33911323	Surgical dressings	2002.. N 1997.. N	X X	X X	1 556 863 N
3391132337	Surgical dressings, bandages, elastic	2002.. 11 1997.. N	X X	X X	N D

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339113	Surgical appliance and supplies manufacturing—Con.				
3391132	Surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic—Con.				
33911323	Surgical dressings—Con.				
3391132341	Surgical dressings, bandages, other types (including muslin and plaster of Paris), except self-adhering . . . . .	2002 . . . . . 6 1997 . . . . . N	X X	X X	D N
3391132344	Surgical dressings, adhesive plaster, medicated and nonmedicated, including self-adhering . . . . .	2002 . . . . . 12 1997 . . . . . N	X X	X X	249 413 N
3391132347	Surgical dressings, gauze, absorbent and packing . . . . .	2002 . . . . . 10 1997 . . . . . N	X X	X X	101 410 N
3391132351	Surgical dressings, cotton, sterile and nonsterile, including cotton balls . . . . .	2002 . . . . . 13 1997 . . . . . N	X X	X X	192 517 N
3391132354	Surgical dressings, other types (including compresses, pads, and sponges) . . . . .	2002 . . . . . 26 1997 . . . . . N	X X	X X	630 111 N
33911324	Surgical drapes, disposable, including obstetric and operating room packs . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	447 953 N
3391132457	Surgical drapes, disposable, including obstetric and operating room packs . . . . .	2002 . . . . . 19 1997 . . . . . N	X X	X X	447 953 N
33911325	Surgical appliances and supplies, other types . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	6 409 282 N
3391132581	Hydrotherapy appliances, including full-body and limb tanks . . . . .	2002 . . . . . 6 1997 . . . . . N	X X	X X	32 972 N
3391132584	Therapeutic appliances and supplies, other types, except electromedical and hydrotherapy . . . . .	2002 . . . . . 55 1997 . . . . . N	X X	X X	687 676 N
3391132587	Surgical kits . . . . .	2002 . . . . . 14 1997 . . . . . N	X X	X X	677 132 N
3391132588	Stents . . . . .	2002 . . . . . 22 1997 . . . . . N	X X	X X	2 023 382 N
3391132592	Surgical appliances and supplies, all other types, except parts . . . . .	2002 . . . . . 118 1997 . . . . . N	X X	X X	2 672 365 N
3391132594	Surgical appliances and supplies, parts . . . . .	2002 . . . . . 46 1997 . . . . . N	X X	X X	315 755 N
33911326	Surgical appliances and supplies, other types . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 033 778 N
3391132667	Surgical sutures, sterile . . . . .	2002 . . . . . 6 1997 . . . . . N	X X	X X	133 907 N
3391132669	Surgical gloves, rubber, including household gloves . . . . .	2002 . . . . . 10 1997 . . . . . N	X X	X X	113 862 N
3391132671	Breathing devices (including incubators, inhalators, respirators, and resuscitators), except anesthetic apparatus . . . . .	2002 . . . . . 31 1997 . . . . . N	X X	X X	721 980 N
3391132674	Wheelchairs . . . . .	2002 . . . . . 23 1997 . . . . . N	X X	X X	520 185 N
3391132677	Patient transport devices, other types (including stretchers, tables, and wheeled chairs), except wheelchairs . . . . .	2002 . . . . . 30 1997 . . . . . N	X X	X X	543 844 N
3391132Y	Surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 170 112 N
3391132YVW	Surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 170 112 N
3391136	Personal safety equipment and clothing, industrial and nonindustrial . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 797 747 N
33911361	Personal safety equipment and clothing, industrial and nonindustrial . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	2 414 712 N
3391136101	Personal safety equipment, respiratory protection (including abrasive, canister, and gas masks) . . . . .	2002 . . . . . 35 1997 . . . . . N	X X	X X	690 629 N
3391136106	Personal safety equipment, helmets (hardhats), industrial . . . . .	2002 . . . . . 12 1997 . . . . . N	X X	X X	172 992 N
3391136111	Personal safety equipment, eye and face protection (including face shields, masks, and welding helmets), except eye protectors and industrial goggles . . . . .	2002 . . . . . 30 1997 . . . . . N	X X	X X	195 047 N
3391136114	Personal safety equipment, gloves, rubber, industrial . . . . .	2002 . . . . . 4 1997 . . . . . N	X X	X X	37 284 N
3391136116	Personal safety equipment, protective clothing (except footwear and gloves), other types, including rubber and rubberized . . . . .	2002 . . . . . 67 1997 . . . . . N	X X	X X	839 297 N
3391136121	Personal safety equipment, kits (first aid, snake bite, and burn), household and industrial . . . . .	2002 . . . . . 18 1997 . . . . . N	X X	X X	45 380 N
3391136131	Personal safety equipment, all other types, including life preservers (buoys, jackets, and vests), except cork, and auto racing and motorcycle helmets . . . . .	2002 . . . . . 70 1997 . . . . . N	X X	X X	434 083 N
3391136Y	Personal safety equipment and clothing, industrial and nonindustrial, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	383 035 N
3391136YVW	Personal safety equipment and clothing, industrial and nonindustrial, nsk . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	383 035 N
339113W	Surgical appliance and supplies manufacturing, nsk, total . . . . .	2002 . . . . . N 1997 . . . . . N	X X	X X	1 298 291 933 650
339113WY	Surgical appliance and supplies manufacturing, nsk, total . . . . .	2002 . . . . . N	X	X	1 298 291

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
339113	Surgical appliance and supplies manufacturing—Con.					
339113W	Surgical appliance and supplies manufacturing, nsk, total—Con.					
339113WY	Surgical appliance and supplies manufacturing, nsk, total—Con.					
		1997..	N	X	X	933 650
339113WYWW	Surgical appliance and supplies manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	797 439
		1997..	N	X	X	613 470
339113WYWY	Surgical appliance and supplies manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	500 852
		1997..	N	X	X	320 180
339114	Dental equipment and supplies manufacturing .....	2002..	N	X	X	2 970 171
		1997..	N	X	X	2 336 828
3391141	Dental equipment and supplies, professional .....	2002..	N	X	X	1 958 379
		1997..	N	X	X	1 583 987
33911411	Dental equipment, professional .....	2002..	N	X	X	659 542
		1997..	N	X	X	685 022
3391141101	Dental chairs .....	2002..	17	X	X	137 168
		1997..	20	X	X	93 775
3391141106	Dental instrument delivery systems (dental units) .....	2002..	23	X	X	118 354
		1997..	16	X	X	119 138
3391141111	Dental hand pieces .....	2002..	18	X	X	113 604
		1997..	19	X	X	94 273
3391141116	Dental hand instruments, including broaches, cutting instruments, forceps, and pliers .....	2002..	21	X	X	155 166
		1997..	23	X	X	132 753
3391141121	Dental equipment, professional, other types, including lasers, except X-ray equipment .....	2002..	31	X	X	135 250
		1997..	47	X	X	245 083
33911412	Dental supplies, professional .....	2002..	N	X	X	1 134 901
		1997..	N	X	X	876 308
3391141226	Dental tools for use with dental hand pieces, including burs, disks, abrasive points, diamond points, and wheels .....	2002..	23	X	X	135 435
		1997..	14	X	X	78 292
3391141231	Dental alloys for amalgams .....	2002..	11	X	X	87 973
		1997..	7	X	X	41 294
3391141236	Dental impression materials, including alginates and silicones .....	2002..	28	X	X	168 094
		1997..	21	X	X	148 776
3391141241	Dental filling materials, cements and other nonmetallic types .....	2002..	22	X	X	319 002
		1997..	18	X	X	127 111
3391141246	Dental supplies, professional, other types .....	2002..	66	X	X	424 397
		1997..	79	X	X	480 835
3391141Y	Dental equipment and supplies, professional, nsk .....	2002..	N	X	X	163 936
		1997..	N	X	X	22 657
3391141YWV	Dental equipment and supplies, professional, nsk .....	2002..	N	X	X	163 936
		1997..	N	X	X	22 657
3391143	Dental equipment and supplies, laboratory .....	2002..	N	X	X	741 052
		1997..	N	X	X	502 813
33911431	Dental equipment and supplies, laboratory .....	2002..	N	X	X	726 949
		1997..	N	X	X	500 383
3391143101	Dental equipment, laboratory (including benches, blow pipes, casting machines, flasks, furnaces, lathes, polishing units, and presses) .....	2002..	45	X	X	69 184
		1997..	16	X	X	32 102
3391143106	Dental metals, precious (including gold, platinum, and silver) .....	2002..	107	X	X	260 522
		1997..	11	X	X	257 808
3391143111	Dental metals, nonprecious .....	2002..	22	X	X	49 852
		1997..	14	X	X	45 651
3391143116	Artificial teeth, not customized for individual application, except dentures .....	2002..	25	X	X	14 731
		1997..	14	X	X	81 804
3391143121	Dental supplies, laboratory, other types (including gypsums and waxes, bridges, crowns, dentures, and other orthodontic appliances (except artificial teeth) not customized for individual application) .....	2002..	101	X	X	332 660
		1997..	25	X	X	83 018
3391143Y	Dental equipment and supplies, laboratory, nsk .....	2002..	N	X	X	14 103
		1997..	N	X	X	2 430
3391143YWV	Dental equipment and supplies, laboratory, nsk .....	2002..	N	X	X	14 103
		1997..	N	X	X	2 430
339114W	Dental equipment and supplies manufacturing, nsk, total .....	2002..	N	X	X	270 740
		1997..	N	X	X	250 028
339114WY	Dental equipment and supplies manufacturing, nsk, total .....	2002..	N	X	X	270 740
		1997..	N	X	X	250 028
339114WYWW	Dental equipment and supplies manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X	193 542
		1997..	N	X	X	145 549
339114WYWY	Dental equipment and supplies manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X	77 198
		1997..	N	X	X	104 479
339115	Ophthalmic goods manufacturing .....	2002..	N	X	X	4 277 169
		1997..	N	X	X	3 236 650
3391151	Ophthalmic fronts and temples .....	2002..	N	X	X	167 114
		1997..	N	X	X	92 719
33911511	Ophthalmic fronts and temples .....	2002..	N	X	X	159 654
		1997..	N	X	X	91 107
3391151101	Ophthalmic fronts, plastics, finished .....	2002..	12	X	X	97 623
		1997..	10	X	X	38 447
3391151106	Ophthalmic fronts, other materials, finished .....	2002..	11	X	X	50 559
		1997..	8	X	X	36 413
3391151121	Ophthalmic temples .....	2002..	7	X	X	11 472
		1997..	N	X	X	N
3391151Y	Ophthalmic fronts and temples, nsk .....	2002..	N	X	X	7 460

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339115	Ophthalmic goods manufacturing—Con.				
3391151	Ophthalmic fronts and temples—Con.				
3391151Y	Ophthalmic fronts and temples, nsk—Con.				
3391151YWV	Ophthalmic fronts and temples, nsk	1997.. N	X	X	1 612
		2002.. N	X	X	7 460
		1997.. N	X	X	1 612
3391153	Ophthalmic focal lenses, glass	2002.. N	X	X	43 083
		1997.. N	X	X	98 397
33911531	Ophthalmic focal lenses, glass	2002.. N	X	X	41 688
		1997.. N	X	X	97 835
3391153101	Ophthalmic focal lenses, glass, single-vision (including semifinished, ground and polished, and finished), except prescription ground and molded lens blanks	2002.. 10	X	X	14 140
		1997.. 22	X	X	32 776
3391153106	Ophthalmic focal lenses, glass, multifocal (including semifinished, ground and polished, and finished), except prescription ground and molded lens blanks	2002.. 16	X	X	27 548
		1997.. 18	X	X	65 059
3391153Y	Ophthalmic focal lenses, glass, nsk	2002.. N	X	X	1 395
		1997.. N	X	X	562
3391153YWV	Ophthalmic focal lenses, glass, nsk	2002.. N	X	X	1 395
		1997.. N	X	X	562
3391155	Ophthalmic focal lenses, plastics	2002.. N	X	X	823 909
		1997.. N	X	X	609 618
33911551	Ophthalmic focal lenses, plastics, single-vision (including semifinished, ground and polished, and finished), except prescription ground and molded lens blanks	2002.. N	X	X	413 337
		1997.. N	X	X	234 213
3391155101	Ophthalmic focal lenses, plastics, single-vision (including semifinished, ground and polished, and finished), except prescription ground and molded lens blanks	2002.. 37	X	X	413 337
		1997.. 37	X	X	234 213
33911552	Ophthalmic focal lenses, plastics, multifocal (including semifinished, ground and polished, and finished), except prescription ground and molded lens blanks	2002.. N	X	X	235 194
		1997.. N	X	X	363 425
3391155206	Ophthalmic focal lenses, plastics, multifocal (including semifinished, ground and polished, and finished), except prescription ground and molded lens blanks	2002.. 28	X	X	235 194
		1997.. 30	X	X	363 425
3391155Y	Ophthalmic focal lenses, plastics, nsk	2002.. N	X	X	175 378
		1997.. N	X	X	11 980
3391155YWV	Ophthalmic focal lenses, plastics, nsk	2002.. N	X	X	175 378
		1997.. N	X	X	11 980
3391157	Ophthalmic focal lenses, contact	2002.. N	X	X	1 852 962
		1997.. N	X	X	1 335 186
33911571	Ophthalmic focal lenses, contact, hard (conventional) (including semifinished, ground and polished, and finished), except molded lens blanks	2002.. N	X	X	36 886
		1997.. N	X	X	60 388
3391157101	Ophthalmic focal lenses, contact, hard (conventional) (including semifinished, ground and polished, and finished), except molded lens blanks	2002.. 17	X	X	36 886
		1997.. 23	X	X	60 388
33911572	Ophthalmic focal lenses, contact, soft (including semifinished, ground and polished, and finished), except molded lens blanks	2002.. N	X	X	1 811 558
		1997.. N	X	X	1 274 798
3391157206	Ophthalmic focal lenses, contact, soft (including semifinished, ground and polished, and finished), except molded lens blanks	2002.. 21	X	X	1 811 558
		1997.. 22	X	X	1 274 798
3391157Y	Ophthalmic focal lenses, contact, nsk	2002.. N	X	X	4 518
		1997.. N	X	X	-
3391157YWV	Ophthalmic focal lenses, contact, nsk	2002.. N	X	X	4 518
		1997.. N	X	X	-
339115B	Ophthalmic goods, other types, including prescription ground eyeglass lenses	2002.. N	X	X	1 019 069
		1997.. N	X	X	786 957
339115B1	Ophthalmic goods, other types, including prescription ground eyeglass lenses	2002.. N	X	X	961 077
		1997.. N	X	X	701 506
339115B125	Ophthalmic focal lenses, prescription, ground, except retailing prescription eyeglasses in combination with the grinding of the eyeglass lenses to order on the premises	2002.. 30	X	X	118 146
		1997.. 25	X	X	127 853
339115B101	Industrial eye protectors, goggles, mountings, and welding circles and plates	2002.. 13	X	X	140 531
		1997.. 16	X	X	158 194
339115B106	Antiglare glasses, ready-made (including reading, sunglasses, and sungoggles)	2002.. 19	X	X	489 380
		1997.. 14	X	X	332 651
339115B117	Ophthalmic goods, all other types	2002.. 28	X	X	213 020
		1997.. N	X	X	N
339115BY	Ophthalmic goods, other types, including prescription ground eyeglass lenses, nsk	2002.. N	X	X	57 992
		1997.. N	X	X	85 451
339115BYWV	Ophthalmic goods, other types, including prescription ground eyeglass lenses, nsk	2002.. N	X	X	57 992
		1997.. N	X	X	85 451
339115W	Ophthalmic goods manufacturing, nsk, total	2002.. N	X	X	371 032
		1997.. N	X	X	313 773
339115WY	Ophthalmic goods manufacturing, nsk, total	2002.. N	X	X	371 032
		1997.. N	X	X	313 773
339115WYWV	Ophthalmic goods manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	273 825
		1997.. N	X	X	218 001

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339115	Ophthalmic goods manufacturing—Con.				
339115W	Ophthalmic goods manufacturing, nsk, total—Con.				
339115WY	Ophthalmic goods manufacturing, nsk, total—Con.				
339115WYWY	Ophthalmic goods manufacturing, nsk, for administrative-record establishments				
		2002..	N	X	X
		1997..	N	X	X
339116	Dental laboratories	2002..	N	X	X
		1997..	N	X	X
3391160	Dental laboratories	2002..	N	X	X
		1997..	N	X	X
33911601	Dental laboratory supplies	2002..	N	X	X
		1997..	N	X	X
3391160100	Orthodontic appliances (artificial teeth, bridges, crowns, dentures, etc.), customized for individual application (prescription basis)	2002..	1 412	X	X
		1997..	1 171	X	X
3391160Y	Dental laboratories, nsk, total	2002..	N	X	X
		1997..	N	X	X
3391160YWW	Dental laboratories, nsk, for nonadministrative-record establishments	2002..	N	X	X
		1997..	N	X	X
3391160YWY	Dental laboratories, nsk, for administrative-record establishments	2002..	N	X	X
		1997..	N	X	X
339911	Jewelry (except costume) manufacturing	2002..	N	X	X
		1997..	N	X	X
3399111	Jewelry, gold and platinum, except gold and platinum clad or plated to silver and nonprecious metals	2002..	N	X	X
		1997..	N	X	X
33991112	Jewelry, gold and platinum, wedding rings, complete, except gold and platinum clad or plated to silver and nonprecious metals	2002..	N	X	X
		1997..	N	X	X
3399111206	Jewelry, gold and platinum, wedding rings, complete, except gold and platinum clad or plated to silver and nonprecious metals	2002..	120	X	X
		1997..	122	X	X
33991116	Jewelry, gold and platinum, rings, other types, complete, except gold and platinum clad or plated to silver and nonprecious metals	2002..	N	X	X
		1997..	N	X	X
3399111601	Jewelry, gold and platinum, rings (college, fraternal, and school), complete, except gold and platinum clad or plated to silver and nonprecious metals	2002..	21	X	X
		1997..	N	X	X
3399111611	Jewelry, gold and platinum, rings, all other types, complete, except gold and platinum clad or plated to silver and nonprecious metals	2002..	157	X	X
		1997..	N	X	X
33991118	Jewelry, gold and platinum, ring mountings (sold separately), except gold and platinum clad or plated to silver and nonprecious metals	2002..	N	X	X
		1997..	N	X	X
3399111816	Jewelry, gold and platinum, ring mountings (sold separately), except gold and platinum clad or plated to silver and nonprecious metals	2002..	46	X	X
		1997..	N	X	X
33991114	Jewelry, gold and platinum, women's and children's (except rings, ring mountings, and gold and platinum clad or plated to silver and nonprecious metals)	2002..	N	X	X
		1997..	N	X	X
3399111421	Jewelry, gold and platinum, women's and children's (except rings, ring mountings, and gold and platinum clad or plated to silver and nonprecious metals)	2002..	229	X	X
		1997..	242	X	X
33991117	Jewelry, gold and platinum, other types, except gold and platinum clad or plated to silver and nonprecious metals	2002..	N	X	X
		1997..	N	X	X
3399111726	Jewelry, gold and platinum, organizational (except rings, ring mountings, and gold and platinum clad or plated to silver and nonprecious metals)	2002..	30	X	X
		1997..	N	X	X
3399111731	Jewelry, gold and platinum, all other types, except gold and platinum clad or plated to silver and nonprecious metals	2002..	88	X	X
		1997..	N	X	X
3399111Y	Jewelry, gold and platinum, except gold and platinum clad or plated to silver and nonprecious metals, nsk	2002..	N	X	X
		1997..	N	X	X
3399111YWV	Jewelry, gold and platinum, except gold and platinum clad or plated to silver and nonprecious metals, nsk	2002..	N	X	X
		1997..	N	X	X
3399113	Jewelry, silver (including gold and platinum clad or plated to silver), except silver clad or plated to nonprecious metals	2002..	N	X	X
		1997..	N	X	X
33991131	Jewelry, silver (including gold and platinum clad or plated to silver), except silver clad or plated to nonprecious metals	2002..	N	X	X
		1997..	N	X	X
3399113101	Jewelry, silver, rings and ring mountings, except silver clad or plated to nonprecious metals	2002..	56	X	X
		1997..	71	X	X
3399113111	Jewelry, silver, women's and children's (except rings, ring mountings, and silver clad or plated to nonprecious metals)	2002..	92	X	X
		1997..	118	X	X
3399113121	Jewelry, silver, all other types, except silver clad or plated to nonprecious metals	2002..	37	X	X
		1997..	N	X	X

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339911	Jewelry (except costume) manufacturing—Con.				
3399113	Jewelry, silver (including gold and platinum clad or plated to silver), except silver clad or plated to nonprecious metals—Con.				
3399113Y	Jewelry, silver (including gold and platinum clad or plated to silver), except silver clad or plated to nonprecious metals, nsk	2002.. N 1997.. N	X X	X X	33 422 23 765
3399113YWV	Jewelry, silver (including gold and platinum clad or plated to silver), except silver clad or plated to nonprecious metals, nsk	2002.. N 1997.. N	X X	X X	33 422 23 765
3399115	Jewelry, other metals and types, except costume	2002.. N 1997.. N	X X	X X	644 423 452 381
33991151	Jewelry, other metals and types, except costume	2002.. N 1997.. N	X X	X X	623 244 438 241
3399115101	Jewelry, gold, platinum, and silver clad to nonprecious metals, rings and ring mountings	2002.. 22 1997.. 17	X X	X X	66 181 65 055
3399115111	Jewelry, gold, platinum, and silver clad to nonprecious metals, women's and children's, except rings and ring mountings	2002.. 43 1997.. 39	X X	X X	101 139 139 364
3399115114	Jewelry, gold, platinum, and silver clad to nonprecious metals, other types	2002.. 28 1997.. N	X X	X X	57 599 N
3399115121	Jewelry, precious and semiprecious stones and natural and cultured pearls, except precious metal	2002.. 74 1997.. 52	X X	X X	370 074 182 269
3399115118	Jewelry, precious metal, engraving and etching	2002.. 10 1997.. 1	X X	X X	28 251 210
3399115Y	Jewelry, other metals and types, except costume, nsk	2002.. N 1997.. N	X X	X X	21 179 14 140
3399115YWV	Jewelry, other metals and types, except costume, nsk	2002.. N 1997.. N	X X	X X	21 179 14 140
3399117	Stamped metal coins, including tokens	2002.. N 1997.. N	X X	X X	35 048 N
33991171	Stamped metal coins, including tokens	2002.. N 1997.. N	X X	X X	35 048 N
3399117100	Stamped metal coins, including tokens	2002.. 14 1997.. N	X X	X X	35 048 N
339911W	Jewelry (except costume) manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	598 715 625 610
339911WY	Jewelry (except costume) manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	598 715 625 610
339911WYWW	Jewelry (except costume) manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	407 544 293 246
339911WYWY	Jewelry (except costume) manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	191 171 332 364
339912	Silverware and hollowware manufacturing	2002.. N 1997.. N	X X	X X	424 771 607 818
3399122	Hollowware (including baby goods, ecclesiastical ware, novelties, toiletware, and trophies), precious metal and pewter	2002.. N 1997.. N	X X	X X	122 197 N
33991221	Hollowware (including baby goods, ecclesiastical ware, novelties, toiletware, and trophies), precious metal and pewter	2002.. N 1997.. N	X X	X X	118 881 N
3399122106	Hollowware (including baby goods, ecclesiastical ware, novelties, toiletware, and trophies), precious metal and pewter base, electrosilverplated	2002.. 6 1997.. N	X X	X X	11 251 N
3399122121	Hollowware (including baby goods, ecclesiastical ware, novelties, toiletware, and trophies), pewter, solid	2002.. 13 1997.. N	X X	X X	27 362 N
3399122161	Hollowware (including baby goods, ecclesiastical ware, novelties, toiletware, and trophies), other precious metal and pewter	2002.. 19 1997.. N	X X	X X	74 662 N
3399122181	Hollowware, precious metal and pewter (including nonprecious metal clad or plated to precious metals), except precious metal plated to nonprecious metal base, engraving and etching	2002.. 6 1997.. N	X X	X X	5 606 N
3399122Y	Hollowware (including baby goods, ecclesiastical ware, novelties, toiletware, and trophies), precious metal and pewter, nsk	2002.. N 1997.. N	X X	X X	3 316 N
3399122YWV	Hollowware (including baby goods, ecclesiastical ware, novelties, toiletware, and trophies), precious metal and pewter, nsk	2002.. N 1997.. N	X X	X X	3 316 N
3399125	Silverware (flatware and cutlery) (including knives, forks, spoons, and carving sets made wholly of metal), precious metal and pewter	2002.. N 1997.. N	X X	X X	266 453 N
33991251	Silverware (flatware and cutlery) (including knives, forks, spoons, and carving sets made wholly of metal), precious metal and pewter	2002.. N 1997.. N	X X	X X	266 301 N
3399125131	Silverware (flatware and cutlery) (including knives, forks, spoons, and carving sets made wholly of metal), precious metal or pewter base, electrosilverplated	2002.. — 1997.. N	X X	X X	D N

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339912	Silverware and hollowware manufacturing—Con.				
3399125	Silverware (flatware and cutlery) (including knives, forks, spoons, and carving sets made wholly of metal), precious metal and pewter—Con.				
33991251	Silverware (flatware and cutlery) (including knives, forks, spoons, and carving sets made wholly of metal), precious metal and pewter—Con.				
3399125151	Silverware (flatware and cutlery) (including knives, forks, spoons, and carving sets made wholly of metal), solid sterling silver .....	2002.. 5 1997.. N	X X	X X	D N
3399125171	Silverware (flatware and cutlery), other solid precious metal and pewter .....	2002.. 3 1997.. N	X X	X X	D N
3399125191	Silverware (flatware and cutlery), precious metal and pewter (incl. nonprecious metal clad or plated to precious metals), exc. precious metal plated to a nonprecious metal base, engraving and etching .....	2002.. 2 1997.. N	X X	X X	D N
3399125Y	Silverware (flatware and cutlery) (including knives, forks, spoons, and carving sets made wholly of metal), precious metal and pewter, nsk .....	2002.. N 1997.. N	X X	X X	152 N
3399125YVV	Silverware (flatware and cutlery) (including knives, forks, spoons, and carving sets made wholly of metal), precious metal and pewter, nsk .....	2002.. N 1997.. N	X X	X X	152 N
339912W	Silverware and hollowware manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	36 121 28 536
339912WY	Silverware and hollowware manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	36 121 28 536
339912WYWW	Silverware and hollowware manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	15 857 14 510
339912WYWY	Silverware and hollowware manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	20 264 14 026
339913	Jewelers' material and lapidary work manufacturing .....	2002.. N 1997.. N	X X	X X	1 051 634 775 833
3399132	Lapidary work (including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes), except for watch jewels .....	2002.. N 1997.. N	X X	X X	346 217 N
33991321	Lapidary work (including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes), except for watch jewels .....	2002.. N 1997.. N	X X	X X	346 217 N
3399132100	Lapidary work (including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes), except for watch jewels .....	2002.. 23 1997.. N	X X	X X	346 217 N
3399133	Jewelers' findings and materials, precious metal (excluding gold, platinum, and silver plated to nonprecious metal) .....	2002.. N 1997.. N	X X	X X	581 336 407 591
33991334	Jewelers' findings and materials, precious metal (excluding gold, platinum, and silver plated to nonprecious metal) .....	2002.. N 1997.. N	X X	X X	578 933 N
3399133406	Jewelers' machine chain, gold and platinum (excluding gold and platinum clad or plated to silver and nonprecious metal) .....	2002.. 24 1997.. N	X X	X X	166 060 N
3399133408	Other jewelers' findings and materials, gold and platinum (excluding gold and platinum clad or plated to silver and nonprecious metal) .....	2002.. 20 1997.. N	X X	X X	209 697 N
3399133411	Jewelers' findings and materials, silver (including gold and platinum clad or plated to silver), excluding silver clad or plated to nonprecious metal .....	2002.. 19 1997.. N	X X	X X	42 048 N
3399133416	Jewelers' findings and materials, gold, platinum, and silver clad to nonprecious metal .....	2002.. 16 1997.. N	X X	X X	161 128 N
3399133Y	Jewelers' findings and materials, precious metal (excluding gold, platinum, and silver plated to nonprecious metal), nsk .....	2002.. N 1997.. N	X X	X X	2 403 4 682
3399133YVV	Jewelers' findings and materials, precious metal (excluding gold, platinum, and silver plated to nonprecious metal), nsk .....	2002.. N 1997.. N	X X	X X	2 403 4 682
3399135	Other jewelers' findings and materials, including gold, platinum, and silver plated to nonprecious metal .....	2002.. N 1997.. N	X X	X X	45 480 68 358
33991351	Other jewelers' findings and materials, including gold, platinum, and silver plated to nonprecious metal .....	2002.. N 1997.. N	X X	X X	45 480 68 358
3399135100	Other jewelers' findings and materials, including gold, platinum, and silver plated to nonprecious metal .....	2002.. 16 1997.. 33	X X	X X	45 480 68 358
339913W	Jewelers' material and lapidary work manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	78 601 132 361

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339913	Jewelers' material and lapidary work manufacturing—Con.				
339913W	Jewelers' material and lapidary work manufacturing, nsk, total—Con.				
339913WY	Jewelers' material and lapidary work manufacturing, nsk, total	2002.. N	X	X	78 601
		1997.. N	X	X	132 361
339913WYWW	Jewelers' material and lapidary work manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	45 562
		1997.. N	X	X	47 948
339913WYWY	Jewelers' material and lapidary work manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	33 039
		1997.. N	X	X	84 413
339914	Costume jewelry and novelty manufacturing	2002.. N	X	X	836 011
		1997.. N	X	X	1 239 333
3399140	Costume jewelry and novelties	2002.. N	X	X	836 011
		1997.. N	X	X	1 239 333
33991403	Nonprecious metal jewelry, including gold, platinum, and silver plated to nonprecious metal	2002.. N	X	X	555 330
		1997.. N	X	X	N
3399140301	Nonprecious metal rings and ring mountings, including gold, platinum, and silver plated to nonprecious metal	2002.. 33	X	X	102 349
		1997.. N	X	X	N
3399140311	Nonprecious metal women's and children's jewelry (including gold, platinum, and silver plated to nonprecious metal), excluding rings and ring mountings	2002.. 69	X	X	378 958
		1997.. N	X	X	N
3399140316	Nonprecious metal organizational jewelry (including gold, platinum, and silver plated to nonprecious metal), excluding rings and ring mountings	2002.. 22	X	X	53 510
		1997.. N	X	X	N
3399140324	Nonprecious metal jewelry, other types, including gold, platinum, and silver plated to nonprecious metal	2002.. 26	X	X	20 513
		1997.. N	X	X	N
33991404	Other jewelry and costume novelties, including engraving and etching on other jewelry	2002.. N	X	X	130 469
		1997.. N	X	X	N
3399140426	Other jewelry and costume novelties, including imitation pearls	2002.. 51	X	X	D
		1997.. N	X	X	N
3399140431	Engraving and etching on other jewelry, excluding lapidary work and engraving and etching on precious metal jewelry	2002.. 2	X	X	D
		1997.. N	X	X	N
3399140Y	Costume jewelry and novelties, nsk, total	2002.. N	X	X	150 212
		1997.. N	X	X	198 145
3399140YWW	Costume jewelry and novelties, nsk, for nonadministrative-record establishments	2002.. N	X	X	96 298
		1997.. N	X	X	132 048
3399140YWY	Costume jewelry and novelties, nsk, for administrative-record establishments	2002.. N	X	X	53 914
		1997.. N	X	X	66 097
339920	Sporting and athletic goods manufacturing	2002.. N	X	X	10 778 755
		1997.. N	X	X	9 674 595
3399201	Fishing tackle and equipment	2002.. N	X	X	652 590
		1997.. N	X	X	683 057
33992011	Fishing tackle and equipment	2002.. N	X	X	633 860
		1997.. N	X	X	659 419
3399201101	Fishing rods, except fishing rod and reel combinations	2002.. 16	X	X	65 712
		1997.. 18	X	X	73 799
3399201106	Fishing reels, except fishing rod and reel combinations	2002.. 13	X	X	107 026
		1997.. 15	X	X	120 441
3399201111	Fishing rod and reel combinations	2002.. 3	X	X	D
		1997.. 6	X	X	D
3399201116	Fish hooks, including snelled hooks	2002.. 7	X	X	58 455
		1997.. 5	X	X	D
3399201121	Artificial fishing bait, including flies, lures, casting plugs, spinners, and spoons	2002.. 54	X	X	197 023
		1997.. 60	X	X	166 491
3399201126	Fishing tackle boxes	2002.. 15	X	X	D
		1997.. 5	X	X	D
3399201131	Other fishing equipment, including bait and fish buckets, creels, floats, furnished lines, sinkers, and snap swivels	2002.. 59	X	X	124 474
		1997.. 53	X	X	97 021
3399201Y	Fishing tackle and equipment, nsk	2002.. N	X	X	18 730
		1997.. N	X	X	23 638
3399201YWV	Fishing tackle and equipment, nsk	2002.. N	X	X	18 730
		1997.. N	X	X	23 638
3399203	Golf equipment, except apparel and shoes	2002.. N	X	X	2 813 177
		1997.. N	X	X	2 921 096
33992031	Golf balls	2002.. N	X	X	828 878
		1997.. N	X	X	801 027
3399203101	Golf balls	2002.. 11	X	X	828 878
		1997.. 11	X	X	801 027
33992032	Golf clubs, irons	2002.. N	X	X	725 766
		1997.. N	X	X	906 246
3399203206	Golf clubs, irons	2002.. 33	X	X	725 766
		1997.. 40	X	X	906 246
33992033	Golf clubs, woods, including metal	2002.. N	X	X	687 980
		1997.. N	X	X	617 183
3399203311	Golf clubs, woods, including metal	2002.. 28	X	X	687 980
		1997.. 30	X	X	617 183
33992034	Other golf equipment (including golf bags, handcars for carrying golf bags, golf club shafts sold separately, tees, and training devices for putting and driving), excluding apparel and shoes	2002.. N	X	X	570 061
		1997.. N	X	X	485 437
3399203416	Golf bags	2002.. 20	X	X	112 931

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339920	Sporting and athletic goods manufacturing—Con.				
3399203	Golf equipment, except apparel and shoes—Con.				
33992034	Other golf equipment (including golf bags, handcars for carrying golf bags, golf club shafts sold separately, tees, and training devices for putting and driving), excluding apparel and shoes—Con.				
3399203416	Golf bags—Con.	1997..	22	X	X 139 177
3399203421	All other golf equipment (including handcars for carrying golf bags, golf club shafts sold separately, tees, and training devices for putting and driving), excluding apparel and shoes .....	2002..	49	X	X 457 130
		1997..	54	X	X 346 260
3399203Y	Golf equipment, except apparel and shoes, nsk .....	2002..	N	X	X 492
		1997..	N	X	X 111 203
3399203YVW	Golf equipment, except apparel and shoes, nsk .....	2002..	N	X	X 492
		1997..	N	X	X 111 203
3399205	Playground equipment .....	2002..	N	X	X 861 858
		1997..	N	X	X 756 549
33992051	Playground equipment .....	2002..	N	X	X 855 956
		1997..	N	X	X 748 291
3399205101	Playground equipment, home use, including sandboxes, seesaws, slides, and swing sets .....	2002..	33	X	X 383 469
		1997..	27	X	X 372 731
3399205106	Playground equipment, other uses, including heavy-duty commercial and institutional .....	2002..	52	X	X 472 487
		1997..	38	X	X 375 560
3399205Y	Playground equipment, nsk .....	2002..	N	X	X 5 902
		1997..	N	X	X 8 258
3399205YVW	Playground equipment, nsk .....	2002..	N	X	X 5 902
		1997..	N	X	X 8 258
3399207	Gymnasium and exercise equipment .....	2002..	N	X	X 2 270 713
		1997..	N	X	X 1 424 482
33992071	Gymnasium and exercise equipment .....	2002..	N	X	X 2 254 086
		1997..	N	X	X 1 388 556
3399207101	Gymnasium and gymnastic apparatus and equipment, including horizontal and parallel bars, balance beams, trampolines, and wrestling and other gymnasium mats .....	2002..	29	X	X 263 537
		1997..	34	X	X 97 721
3399207111	Free weight lifting equipment, including belts, benches, and weights .....	2002..	25	X	X 101 915
		1997..	26	X	X 134 532
3399207131	Home gyms and training units .....	2002..	23	X	X 231 313
		1997..	18	X	X 102 739
3399207141	Treadmills .....	2002..	19	X	X 1 005 158
		1997..	13	X	X 333 807
3399207198	Other exercise, health, and physical fitness equipment, including ab exercisers, cross-country ski exercisers, gliders and riders, rowing machines, and slant-boards .....	2002..	44	X	X 652 163
		1997..	N	X	X N
3399207Y	Gymnasium and exercise equipment, nsk .....	2002..	N	X	X 16 627
		1997..	N	X	X 35 926
3399207YVW	Gymnasium and exercise equipment, nsk .....	2002..	N	X	X 16 627
		1997..	N	X	X 35 926
339920A	Other sporting and athletic goods .....	2002..	N	X	X 3 377 637
		1997..	N	X	X N
339920A1	Other sporting and athletic goods .....	2002..	N	X	X 3 015 834
		1997..	N	X	X N
339920A101	Billiard and pool tables .....	2002..	29	X	X 175 786
		1997..	N	X	X N
339920A106	Other billiard and pool equipment, including balls and cues sold separately .....	2002..	18	X	X 30 193
		1997..	N	X	X N
339920A111	Bowling alleys and bowling pinsetters .....	2002..	7	X	X 42 407
		1997..	N	X	X N
339920A116	Bowling balls .....	2002..	7	X	X 133 909
		1997..	N	X	X N
339920A118	Other bowling equipment (including pins), excluding apparel and shoes .....	2002..	13	X	X 149 354
		1997..	N	X	X N
339920A11A	Sailboards and surfboards .....	2002..	23	X	X 43 837
		1997..	N	X	X N
339920A11F	Water skis .....	2002..	7	X	X 33 022
		1997..	N	X	X N
339920A11L	Underwater sports equipment (including rubber and rubberized dry and wet suits, scuba, skin diving, aqualungs and attachments, face masks, and fins), excluding cameras and watches .....	2002..	25	X	X 55 040
		1997..	N	X	X N
339920A11N	Other water sports equipment, excluding cameras, watches, shoes, and apparel .....	2002..	34	X	X 103 307
		1997..	N	X	X N
339920A11P	Bicycle helmets .....	2002..	2	X	X D
		1997..	N	X	X N
339920A11R	Other sports helmets, except auto racing, bicycle, and motorcycle .....	2002..	89	X	X 141 564
		1997..	N	X	X N
339920A11V	Body protective equipment for all sports (including masks and chest, kidney, knee, and shoulder pads), excluding helmets .....	2002..	25	X	X 76 231
		1997..	N	X	X N
339920A12C	Metal baseball and softball bats .....	2002..	5	X	X 111 665
		1997..	N	X	X N
339920A12H	Other baseball, football, soccer, softball, and track and field equipment (including balls, gloves and mitts, and wood bats), excluding apparel and shoes .....	2002..	47	X	X 538 410
		1997..	N	X	X N
339920A156	Tennis equipment, excluding apparel, nets, and shoes .....	2002..	8	X	X 56 701

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339920	Sporting and athletic goods manufacturing—Con.				
339920A	Other sporting and athletic goods—Con.				
339920A1	Other sporting and athletic goods—Con.				
339920A156	Tennis equipment, excluding apparel, nets, and shoes—Con.	1997.. N	X	X	N
339920A166	Archery equipment .....	2002.. 51	X	X	212 185
		1997.. N	X	X	N
339920A181	In-line skates .....	2002.. 2	X	X	D
		1997.. N	X	X	N
339920A186	Wood and plastics skateboards .....	2002.. 14	X	X	51 909
		1997.. N	X	X	N
339920A193	Snowboards .....	2002.. 3	X	X	D
		1997.. N	X	X	N
339920A194	Alpine and cross-country snow skis and other snow ski equipment, except apparel, body protective equipment, boots, helmets, and shoes .....	2002.. 8	X	X	27 108
		1997.. N	X	X	N
339920A195	Other winter sports equipment (including bobsleds, toboggans, ice skates, and hockey equipment), excluding apparel, body protective equipment, boots, helmets, and shoes .....	2002.. 11	X	X	D
		1997.. N	X	X	N
339920A197	Above-ground swimming pools, 15 feet or more in diameter, filtered, completely manufactured .....	2002.. 12	X	X	183 365
		1997.. N	X	X	N
339920A199	Other sporting and athletic equipment (badminton, paint ball, racquetball, squash, table tennis, traditional (quads) and clamp-on roller skates, etc.) .....	2002.. 92	X	X	591 057
		1997.. N	X	X	N
339920AY	Other sporting and athletic goods, nsk .....	2002.. N	X	X	361 803
		1997.. N	X	X	N
339920AYWV	Other sporting and athletic goods, nsk .....	2002.. N	X	X	361 803
		1997.. N	X	X	N
339920W	Sporting and athletic goods manufacturing, nsk, total .....	2002.. N	X	X	802 780
		1997.. N	X	X	923 676
339920WY	Sporting and athletic goods manufacturing, nsk, total .....	2002.. N	X	X	802 780
		1997.. N	X	X	923 676
339920WYWW	Sporting and athletic goods manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	448 031
		1997.. N	X	X	514 438
339920WYWY	Sporting and athletic goods manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	354 749
		1997.. N	X	X	409 238
339931	Doll and stuffed toy manufacturing .....	2002.. N	X	X	272 644
		1997.. N	X	X	297 496
3399310	Dolls, toy animals, action figures, and stuffed toys (including parts and accessories) .....	2002.. N	X	X	272 644
		1997.. N	X	X	297 496
33993101	Dolls, toy animals, and action figures (except stuffed) .....	2002.. N	X	X	96 549
		1997.. N	X	X	80 477
3399310106	Dolls, toy animals, and action figures (except stuffed), more than 13 inches in length .....	2002.. 15	X	X	60 602
		1997.. 11	X	X	41 630
3399310111	Dolls, toy animals, and action figures (except stuffed), 13 inches or less in length, including collectors' miniatures .....	2002.. 14	X	X	35 947
		1997.. 9	X	X	37 836
33993103	Stuffed dolls, stuffed toy animals, and other stuffed toys .....	2002.. N	X	X	146 599
		1997.. N	X	X	177 657
3399310301	Stuffed dolls .....	2002.. 11	X	X	19 205
		1997.. 15	X	X	33 637
3399310321	Stuffed toy animals .....	2002.. 23	X	X	84 274
		1997.. 25	X	X	102 164
3399310326	Other stuffed toys .....	2002.. 14	X	X	43 120
		1997.. 12	X	X	41 856
33993105	Parts for dolls, toy animals, and action figures, including accessories, clothes, and playsets for dolls, toy animals, and action figures .....	2002.. N	X	X	13 588
		1997.. N	X	X	N
3399310516	Parts for dolls, toy animals, and action figures, including accessories, clothes, and playsets for dolls, toy animals, and action figures .....	2002.. 5	X	X	13 588
		1997.. N	X	X	N
3399310Y	Dolls, toy animals, action figures, and stuffed toys (including parts and accessories), nsk, total .....	2002.. N	X	X	15 908
		1997.. N	X	X	24 681
3399310YWW	Dolls, toy animals, action figures, and stuffed toys (including parts and accessories), nsk, nonadministrative-record establishments .....	2002.. N	X	X	2 446
		1997.. N	X	X	11 383
3399310YWY	Dolls, toy animals, action figures, and stuffed toys (including parts and accessories), nsk, administrative-record establishments .....	2002.. N	X	X	13 462
		1997.. N	X	X	13 298
339932	Game, toy, and children's vehicle manufacturing .....	2002.. N	X	X	3 227 861
		1997.. N	X	X	3 905 925
3399322	Baby carriages and children's vehicles (including parts for children's vehicles sold separately), excluding bicycles with pneumatic tires .....	2002.. N	X	X	170 332
		1997.. N	X	X	N
33993221	Baby carriages and children's vehicles (including parts for children's vehicles sold separately), excluding bicycles with pneumatic tires .....	2002.. N	X	X	170 332
		1997.. N	X	X	N
3399322101	Baby carriages and strollers .....	2002.. 5	X	X	D
		1997.. N	X	X	N
3399322106	Plastics tricycles, including chain and pedal driven .....	2002.. 1	X	X	D

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339932	Game, toy, and children's vehicle manufacturing—Con.				
3399322	Baby carriages and children's vehicles (including parts for children's vehicles sold separately), excluding bicycles with pneumatic tires—Con.				
33993221	Baby carriages and children's vehicles (including parts for children's vehicles sold separately), excluding bicycles with pneumatic tires—Con.				
3399322106	Plastics tricycles, including chain and pedal driven—Con.	1997..	N	X	X N
3399322131	Other children's vehicles (including automobiles, scooters, tractors, wagons, baby walkers, and sleds), excluding bicycles with pneumatic tires .....	2002..	6	X	X 109 464
		1997..	N	X	X N
3399322111	Parts for children's vehicles, sold separately .....	2002..	2	X	X D
		1997..	N	X	X N
3399322Y	Baby carriages and children's vehicles (including parts for children's vehicles sold separately), excluding bicycles with pneumatic tires, nsk .....	2002..	N	X	X —
		1997..	N	X	X N
3399322YV	Baby carriages and children's vehicles (including parts for children's vehicles sold separately), excluding bicycles with pneumatic tires, nsk .....	2002..	N	X	X —
		1997..	N	X	X N
3399327	Nonelectronic games and puzzles, including parts .....	2002..	N	X	X 393 756
		1997..	N	X	X 638 310
33993273	Nonelectronic games and puzzles, including parts .....	2002..	N	X	X 393 718
		1997..	N	X	X N
3399327301	Board games .....	2002..	23	X	X 263 665
		1997..	N	X	X N
3399327306	Nonelectronic sports-oriented action and skill games, including baseball and football type .....	2002..	9	X	X 32 611
		1997..	N	X	X N
3399327311	Nonelectronic nonsports-oriented action and skill games .....	2002..	5	X	X D
		1997..	N	X	X N
3399327316	Puzzles .....	2002..	15	X	X 65 064
		1997..	N	X	X N
3399327321	Other nonelectronic games .....	2002..	11	X	X 27 204
		1997..	N	X	X N
3399327326	Parts for nonelectronic games .....	2002..	1	X	X D
		1997..	N	X	X N
3399327Y	Nonelectronic games and puzzles, including parts, nsk .....	2002..	N	X	X 38
		1997..	N	X	X 2 476
3399327YV	Nonelectronic games and puzzles, including parts, nsk .....	2002..	N	X	X 38
		1997..	N	X	X 2 476
3399326	Models (operating and static), craft kits and supplies, natural science kits and sets, and collectors' miniatures .....	2002..	N	X	X 495 042
		1997..	N	X	X N
33993261	Models, including components and accessories .....	2002..	N	X	X 258 118
		1997..	N	X	X N
3399326102	Electrically operating model trains and railroads, including individual units, kits, sets, and accessories .....	2002..	13	X	X 106 259
		1997..	N	X	X N
3399326106	Other operating models (including models of boats, cars, and planes), including individual units, kits, sets, and accessories .....	2002..	13	X	X 76 535
		1997..	N	X	X N
3399326116	Plastics models, static (including boats, cars, planes, trains, and railroads), including individual units, kits, sets, and accessories .....	2002..	12	X	X 42 061
		1997..	N	X	X N
3399326118	Other models, static type (including boats, cars, planes, trains, and railroads), including individual units, kits, sets, and accessories .....	2002..	6	X	X 14 780
		1997..	N	X	X N
3399326121	Components and accessories for models .....	2002..	12	X	X 18 483
		1997..	N	X	X N
33993262	Craft kits and supplies, natural science kits and sets, and collectors' miniatures .....	2002..	N	X	X 231 230
		1997..	N	X	X N
3399326227	Craft kits and supplies, individually packaged and in bulk (including beadery, decoupage, embroidery, macrame, and paint by number kits and supplies), excluding glass beads .....	2002..	36	X	X 179 791
		1997..	N	X	X N
3399326231	Natural science kits and sets, including botanical, chemistry, electrical, and mineralogical .....	2002..	6	X	X D
		1997..	N	X	X N
3399326236	Collectors' miniatures (including aircraft, scale cars, historic figures, doll houses and accessories, and soldiers), except dolls .....	2002..	8	X	X D
		1997..	N	X	X N
3399326Y	Models (operating and static), craft kits and supplies, natural science kits and sets, and collectors' miniatures, nsk .....	2002..	N	X	X 5 694
		1997..	N	X	X N
3399326YV	Models (operating and static), craft kits and supplies, natural science kits and sets, and collectors' miniatures, nsk .....	2002..	N	X	X 5 694
		1997..	N	X	X N
3399329	Other electronic toys and games (including home video games), except cartridges, disks, and tapes .....	2002..	N	X	X 747 123
		1997..	N	X	X 188 111
33993291	Other electronic toys and games (including home video games), except cartridges, disks, and tapes .....	2002..	N	X	X 747 123
		1997..	N	X	X 188 111
3399329100	Other electronic toys and games (including home video games), except cartridges, disks, and tapes .....	2002..	19	X	X 747 123
		1997..	13	X	X 188 111

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339932	Game, toy, and children's vehicle manufacturing—Con.				
3399328	Other nonelectronic toys, including parts .....	2002.. N	X	X	1 168 912
		1997.. N	X	X	N
33993281	Nonpowered transportation toys and toy sets .....	2002.. N	X	X	534 916
		1997.. N	X	X	N
3399328116	Nonpowered transportation toys (except model kits), plastics, nonriding, sold without accessories, greater than 6 inches in length .....	2002.. 14	X	X	D
		1997.. N	X	X	N
3399328121	Nonpowered transportation toys (except model kits), other materials, nonriding, sold without accessories, greater than 6 inches in length .....	2002.. 2	X	X	D
		1997.. N	X	X	N
3399328141	Nonpowered transportation toys and toy sets (except model kits), other types, nonriding .....	2002.. 2	X	X	D
		1997.. N	X	X	N
33993282	Toy guns, gun sets, and rifles .....	2002.. N	X	X	19 996
		1997.. N	X	X	N
3399328251	Toy guns, gun sets, and rifles .....	2002.. 3	X	X	19 996
		1997.. N	X	X	N
33993283	Housekeeping and cooking toys, including tea sets and play tools .....	2002.. N	X	X	56 765
		1997.. N	X	X	N
3399328366	Housekeeping and cooking toys, including tea sets and play tools .....	2002.. 5	X	X	56 765
		1997.. N	X	X	N
33993284	Other preschool playsets and toys, excluding building and infant toys .....	2002.. N	X	X	71 686
		1997.. N	X	X	N
3399328446	Other preschool playsets and toys, excluding building and infant toys .....	2002.. 17	X	X	71 686
		1997.. N	X	X	N
33993285	All other nonelectronic toys, including parts .....	2002.. N	X	X	484 324
		1997.. N	X	X	N
3399328511	Juvenile-scale sporting goods, gardening toys, sand toys, and inflatables (including water toys) .....	2002.. 8	X	X	52 349
		1997.. N	X	X	N
3399328521	Doll carriages, strollers, and carts .....	2002.. 2	X	X	D
		1997.. N	X	X	N
3399328531	Other infant toys .....	2002.. 6	X	X	14 217
		1997.. N	X	X	N
3399328551	All other nonelectronic toys .....	2002.. 56	X	X	403 272
		1997.. N	X	X	N
3399328571	Parts for nonelectronic toys .....	2002.. 4	X	X	D
		1997.. N	X	X	N
3399328Y	Other nonelectronic toys, including parts, nsk .....	2002.. N	X	X	1 225
		1997.. N	X	X	N
3399328YVW	Other nonelectronic toys, including parts, nsk .....	2002.. N	X	X	1 225
		1997.. N	X	X	N
339932W	Game, toy, and children's vehicle manufacturing, nsk, total .....	2002.. N	X	X	252 696
		1997.. N	X	X	367 279
339932WY	Game, toy, and children's vehicle manufacturing, nsk, total .....	2002.. N	X	X	252 696
		1997.. N	X	X	367 279
339932WYVW	Game, toy, and children's vehicle manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	106 626
		1997.. N	X	X	298 161
339932WYVY	Game, toy, and children's vehicle manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	146 070
		1997.. N	X	X	69 118
339941	Pen and mechanical pencil manufacturing .....	2002.. N	X	X	1 332 462
		1997.. N	X	X	1 561 179
3399411	Ballpoint and roller pens .....	2002.. N	X	X	623 804
		1997.. N	X	X	772 423
33994111	Ballpoint pens, refillable .....	2002.. N	X	X	174 519
		1997.. N	X	X	237 455
3399411101	Ballpoint pens, refillable .....	2002.. 26	X	X	174 519
		1997.. 23	X	X	237 455
339941112	Ballpoint pens, nonrefillable .....	2002.. N	X	X	353 202
		1997.. N	X	X	299 217
3399411206	Ballpoint pens, nonrefillable .....	2002.. 13	X	X	353 202
		1997.. 25	X	X	299 217
339941113	Roller pens .....	2002.. N	X	X	84 579
		1997.. N	X	X	223 381
3399411311	Roller pens .....	2002.. 10	X	X	84 579
		1997.. 16	X	X	223 381
3399411Y	Ballpoint and roller pens, nsk .....	2002.. N	X	X	11 504
		1997.. N	X	X	12 370
3399411YVW	Ballpoint and roller pens, nsk .....	2002.. N	X	X	11 504
		1997.. N	X	X	12 370
3399413	Markers .....	2002.. N	X	X	488 173
		1997.. N	X	X	488 656
33994131	Markers, fine-point (thin-line writing pens) .....	2002.. N	X	X	157 759
		1997.. N	X	X	187 036
3399413101	Markers, fine-point (thin-line writing pens) .....	2002.. 13	X	X	157 759
		1997.. 12	X	X	187 036
33994132	Markers, broad-tipped (thick-line coloring pens and markers) .....	2002.. N	X	X	329 142
		1997.. N	X	X	300 091
3399413206	Markers, broad-tipped (thick-line coloring pens and markers) .....	2002.. 18	X	X	329 142
		1997.. 23	X	X	300 091
3399413Y	Markers, nsk .....	2002.. N	X	X	1 272
		1997.. N	X	X	1 529
3399413YVW	Markers, nsk .....	2002.. N	X	X	1 272
		1997.. N	X	X	1 529

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339941	Pen and mechanical pencil manufacturing—Con.				
3399415	Other pens, mechanical pencils, and parts for pens, markers, and mechanical pencils .....	2002.. N	X	X	192 772
		1997.. N	X	X	254 336
33994151	Other pens, mechanical pencils, and parts for pens, markers, and mechanical pencils .....	2002.. N	X	X	185 216
		1997.. N	X	X	213 809
3399415101	Mechanical pencils, including clutch-action and twist-action .....	2002.. 13	X	X	41 899
		1997.. 13	X	X	67 766
3399415113	Refill cartridges for pens and markers .....	2002.. 9	X	X	15 438
		1997.. N	X	X	N
3399415116	Other pens and parts for pens, markers, and mechanical pencils (including desk sets, fountain pens, pen points, and renewal parts) .....	2002.. 18	X	X	127 879
		1997.. 33	X	X	121 098
3399415Y	Other pens, mechanical pencils, and parts for pens, markers, and mechanical pencils, nsk .....	2002.. N	X	X	7 556
		1997.. N	X	X	40 527
3399415YVV	Other pens, mechanical pencils, and parts for pens, markers, and mechanical pencils, nsk .....	2002.. N	X	X	7 556
		1997.. N	X	X	40 527
339941W	Pen and mechanical pencil manufacturing, nsk, total .....	2002.. N	X	X	27 713
		1997.. N	X	X	45 764
339941WY	Pen and mechanical pencil manufacturing, nsk, total .....	2002.. N	X	X	27 713
		1997.. N	X	X	45 764
339941WYVV	Pen and mechanical pencil manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	4 416
		1997.. N	X	X	22 502
339941WYVY	Pen and mechanical pencil manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	23 297
		1997.. N	X	X	23 262
339942	Lead pencil and art good manufacturing .....	2002.. N	X	X	1 162 902
		1997.. N	X	X	1 104 610
3399421	Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards .....	2002.. N	X	X	505 638
		1997.. N	X	X	497 609
33994211	Nonmechanical (wood-cased) pencils and graphite and colored sticks .....	2002.. N	X	X	271 520
		1997.. N	X	X	257 991
3399421101	Nonmechanical (wood-cased) black graphite pencils .....	2002.. 15	X	X	191 215
		1997.. 12	X	X	176 020
3399421106	Nonmechanical (wood-cased) pencils and graphite and colored sticks, other types (including colored and indelible pencils and refill sticks for mechanical pencils sold separately) .....	2002.. 10	X	X	80 305
		1997.. 6	X	X	81 971
33994212	Chalk and crayons, including tailors' chalk (except artists') .....	2002.. N	X	X	D
		1997.. N	X	X	165 456
3399421211	Chalk and crayons, including tailors' chalk (except artists') .....	2002.. 7	X	X	D
		1997.. 9	X	X	165 456
33994213	Blackboards .....	2002.. N	X	X	D
		1997.. N	X	X	66 866
3399421316	Blackboards .....	2002.. 7	X	X	D
		1997.. 10	X	X	66 866
3399421Y	Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	7 296
3399421YVV	Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards, nsk .....	2002.. N	X	X	—
		1997.. N	X	X	7 296
3399423	Artists' equipment and materials .....	2002.. N	X	X	406 327
		1997.. N	X	X	284 932
33994231	Artists' equipment (including airbrushes, children's school art equipment, drawing tables and boards, palettes, sketch boxes, pantographs, and pyrography goods), except brushes .....	2002.. N	X	X	120 575
		1997.. N	X	X	53 060
3399423101	Artists' equipment (including airbrushes, children's school art equipment, drawing tables and boards, palettes, sketch boxes, pantographs, and pyrography goods), except brushes .....	2002.. 20	X	X	120 575
		1997.. 25	X	X	53 060
33994232	Other art materials (including artists' chalk and crayons, modeling clay and other modeling material, tempera colors, fingerpaint, block printing ink, and watercolors), except drawing and India ink .....	2002.. N	X	X	277 347
		1997.. N	X	X	231 872
3399423206	Other art materials (including artists' chalk and crayons, modeling clay and other modeling material, tempera colors, fingerpaint, block printing ink, and watercolors), except drawing and India ink .....	2002.. 22	X	X	277 347
		1997.. 35	X	X	231 872
3399423Y	Artists' equipment and materials, nsk .....	2002.. N	X	X	8 405
		1997.. N	X	X	—
3399423YVV	Artists' equipment and materials, nsk .....	2002.. N	X	X	8 405
		1997.. N	X	X	—
3399427	Nonelectric office machines (including gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers) .....	2002.. N	X	X	170 810
		1997.. N	X	X	N

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339942	Lead pencil and art good manufacturing—Con.				
3399427	Nonelectric office machines (including gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers)—Con.				
33994271	Nonelectric office machines (including gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers) .....	2002..	N	X	X
		1997..	N	X	X
3399427100	Nonelectric office machines (including gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers) <sup>36</sup> .....	2002..	7	X	X
		1997..	N	X	X
339942W	Lead pencil and art good manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
339942WY	Lead pencil and art good manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
339942WYWW	Lead pencil and art good manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
339942WYWY	Lead pencil and art good manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
339943	Marking device manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3399430	Marking devices .....	2002..	N	X	X
		1997..	N	X	X
33994301	Dies, hand stamps, typeholders, and permanently inked stamps, plastics and rubber .....	2002..	N	X	X
		1997..	N	X	X
3399430101	Dies, hand stamps, and typeholders, plastics and rubber .....	2002..	71	X	X
		1997..	116	X	X
3399430106	Permanently inked stamps (except print dies), plastics and rubber .....	2002..	32	X	X
		1997..	47	X	X
33994302	Mechanical hand stamps, self-inkers, including daters, time and numbering stamps, and metal and rubber wheel-band goods .....	2002..	N	X	X
		1997..	N	X	X
3399430211	Mechanical hand stamps, self-inkers, including daters, time and numbering stamps, and metal and rubber wheel-band goods .....	2002..	63	X	X
		1997..	58	X	X
33994303	Other hand stamps and other marking devices .....	2002..	N	X	X
		1997..	N	X	X
3399430321	Metal hand stamps, steel incising and embossing dies, letter and figure stamps, type and type holders, steel embossing and incising numbering heads, and nonferrous types and dies .....	2002..	37	X	X
		1997..	28	X	X
3399430331	Other marking devices, including branding irons, embossing seals, figures, letters, numerals, stamp pads, and stencils .....	2002..	64	X	X
		1997..	N	X	X
3399430Y	Marking devices, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
3399430YWW	Marking devices, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
3399430YWY	Marking devices, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
339944	Carbon paper and inked ribbon manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3399441	Inked ribbons .....	2002..	N	X	X
		1997..	N	X	X
33994411	Inked ribbons, computer (electronic data processing) .....	2002..	N	X	X
		1997..	N	X	X
3399441106	Inked ribbons, computer (electronic data processing) .....	2002..	29	X	X
		1997..	41	X	X
33994412	Other inked ribbons .....	2002..	N	X	X
		1997..	N	X	X
3399441201	Inked typewriter ribbons .....	2002..	12	X	X
		1997..	20	X	X
3399441211	Other inked ribbons .....	2002..	20	X	X
		1997..	17	X	X
3399441Y	Inked ribbons, nsk .....	2002..	N	X	X
		1997..	N	X	X
3399441YWV	Inked ribbons, nsk .....	2002..	N	X	X
		1997..	N	X	X
3399443	Carbon paper and stencil paper .....	2002..	N	X	X
		1997..	N	X	X
33994431	Carbon paper and stencil paper .....	2002..	N	X	X
		1997..	N	X	X
3399443100	Carbon paper and stencil paper .....	2002..	7	X	X
		1997..	28	X	X
339944W	Carbon paper and inked ribbon manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
339944WY	Carbon paper and inked ribbon manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
339944WYWW	Carbon paper and inked ribbon manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339944	Carbon paper and inked ribbon manufacturing—Con.				
339944W	Carbon paper and inked ribbon manufacturing, nsk, total—Con.				
339944WY	Carbon paper and inked ribbon manufacturing, nsk, total—Con.				
339944WYWY	Carbon paper and inked ribbon manufacturing, nsk, for administrative-record establishments				
		2002..	N	X	10 934
		1997..	N	X	15 154
339950	Sign manufacturing	2002..	N	X	8 814 290
		1997..	N	X	7 185 895
3399501	Electric signs	2002..	N	X	2 577 775
		1997..	N	X	2 061 111
33995011	Electric signs, luminous tubing (including argon, hydrogen, and neon), excluding fluorescent lamp and incandescent bulb	2002..	N	X	806 878
		1997..	N	X	458 660
3399501101	Electric signs, luminous tubing (including argon, hydrogen, and neon), excluding fluorescent lamp and incandescent bulb	2002..	518	X	806 878
		1997..	417	X	458 660
33995012	Electric signs, fluorescent lamp	2002..	N	X	651 808
		1997..	N	X	534 031
3399501206	Electric signs, fluorescent lamp	2002..	429	X	651 808
		1997..	409	X	534 031
33995013	Electric signs, incandescent bulb	2002..	N	X	1 037 506
		1997..	N	X	979 184
3399501311	Electric signs, incandescent bulb, containing variable message display	2002..	95	X	174 242
		1997..	89	X	114 258
3399501316	Electric signs, incandescent bulb, other types	2002..	45	X	121 701
		1997..	44	X	76 435
3399501321	Electric signs, all other types, including electric signs made of combinations of luminous tubing, fluorescent lamps, and incandescent bulbs	2002..	260	X	741 563
		1997..	302	X	788 491
3399501Y	Electric signs, nsk	2002..	N	X	81 583
		1997..	N	X	89 236
3399501YWV	Electric signs, nsk	2002..	N	X	81 583
		1997..	N	X	89 236
3399503	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays	2002..	N	X	3 149 985
		1997..	N	X	2 438 678
33995031	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays	2002..	N	X	2 983 689
		1997..	N	X	2 264 274
3399503101	Nonelectric signs and displays, metal, screen printed, including counter, floor, and point-of-purchase displays	2002..	220	X	358 060
		1997..	199	X	266 024
3399503106	Nonelectric signs and displays, metal, other print types, including counter, floor, and point-of-purchase displays	2002..	393	X	565 649
		1997..	282	X	341 508
3399503111	Nonelectric signs and displays, wood, screen printed, including counter, floor, and point-of-purchase displays	2002..	95	X	90 371
		1997..	89	X	108 077
3399503116	Nonelectric signs and displays, wood, other print types, including counter, floor, and point-of-purchase displays	2002..	199	X	257 582
		1997..	176	X	152 087
3399503121	Nonelectric signs and displays, other materials types, screen printed, including counter, floor, and point-of-purchase displays	2002..	148	X	323 439
		1997..	201	X	218 033
3399503126	Nonelectric signs and displays, all other material and print types, including counter, floor, and point-of-purchase displays	2002..	571	X	1 388 588
		1997..	510	X	1 178 545
3399503Y	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays, nsk	2002..	N	X	166 296
		1997..	N	X	174 404
3399503YWV	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays, nsk	2002..	N	X	166 296
		1997..	N	X	174 404
3399505	Advertising specialties	2002..	N	X	1 309 686
		1997..	N	X	1 337 104
33995051	Advertising specialties	2002..	N	X	1 309 686
		1997..	N	X	1 228 927
3399505100	Advertising specialties	2002..	178	X	1 309 686
		1997..	N	X	N
339950W	Sign manufacturing, nsk, total	2002..	N	X	1 776 844
		1997..	N	X	1 349 002
339950WY	Sign manufacturing, nsk, total	2002..	N	X	1 776 844
		1997..	N	X	1 349 002
339950WYWV	Sign manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	1 184 140
		1997..	N	X	910 424
339950WYWY	Sign manufacturing, nsk, for administrative-record establishments	2002..	N	X	592 704
		1997..	N	X	438 578
339991	Gasket, packing, and sealing device manufacturing	2002..	N	X	5 006 382
		1997..	N	X	4 867 527
3399911	Packing, compression type	2002..	N	X	310 725
		1997..	N	X	208 499
33999111	Packing, compression type	2002..	N	X	307 632
		1997..	N	X	207 465
3399911111	Packings, compression type, synthetic fiber and plastics composition	2002..	21	X	236 998
		1997..	28	X	126 288

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339991	Gasket, packing, and sealing device manufacturing—Con.				
3399911	Packing, compression type—Con.				
33999111	Packing, compression type—Con.				
3399911121	Packing, compression type, other materials .....	2002.. 16	X	X	70 634
		1997.. 17	X	X	81 177
3399911Y	Packing, compression type, nsk .....	2002.. N	X	X	3 093
		1997.. N	X	X	1 034
3399911YWV	Packing, compression type, nsk .....	2002.. N	X	X	3 093
		1997.. N	X	X	1 034
3399913	Gaskets and gasketing, nonmetallic .....	2002.. N	X	X	1 487 015
		1997.. N	X	X	1 279 526
33999131	Gaskets and gasketing, elastomeric .....	2002.. N	X	X	524 227
		1997.. N	X	X	354 494
3399913111	Gaskets and gasketing, elastomeric .....	2002.. 104	X	X	524 227
		1997.. 115	X	X	354 494
33999132	Gaskets and gasketing, graphite .....	2002.. N	X	X	181 342
		1997.. N	X	X	74 231
3399913221	Gaskets and gasketing, graphite .....	2002.. 28	X	X	181 342
		1997.. 23	X	X	74 231
33999133	Gaskets and gasketing, other nonmetallic .....	2002.. N	X	X	751 301
		1997.. N	X	X	784 918
3399913331	Gaskets and gasketing, paper, felt base, and plant fiber .....	2002.. 42	X	X	163 163
		1997.. 53	X	X	100 170
3399913341	Gaskets and gasketing, cork and cork composition .....	2002.. 25	X	X	23 063
		1997.. 34	X	X	46 617
3399913351	Gaskets and gasketing, all other nonmetallic .....	2002.. 96	X	X	565 075
		1997.. 105	X	X	638 131
3399913Y	Gaskets and gasketing, nonmetallic, nsk .....	2002.. N	X	X	30 145
		1997.. N	X	X	65 883
3399913YWV	Gaskets and gasketing, nonmetallic, nsk .....	2002.. N	X	X	30 145
		1997.. N	X	X	65 883
3399915	Packing and seals, molded .....	2002.. N	X	X	1 235 700
		1997.. N	X	X	1 066 901
33999151	Packing and seals, molded, O-rings, including spliced .....	2002.. N	X	X	393 616
		1997.. N	X	X	318 998
3399915111	Packing and seals, molded, O-rings, including spliced .....	2002.. 59	X	X	393 616
		1997.. 58	X	X	318 998
33999152	Packing and seals, molded, other types .....	2002.. N	X	X	772 984
		1997.. N	X	X	707 353
3399915221	Packing and seals, molded, solid-section ring seals, squeeze-type (including D- and T-rings, and quad and rectangular seals), except O-rings .....	2002.. 34	X	X	36 017
		1997.. 22	X	X	68 554
3399915231	Packing and seals, molded, ring seals, dual-component, cushioned, flexible, backed, constrained, or loaded by an elastomeric ring .....	2002.. 13	X	X	53 921
		1997.. 20	X	X	78 483
3399915241	Packing and seals, molded, lip-type seals, flexible, single- and multiple-component (including collar, cup, flange, single-lip nonsymmetrical, U-cups, V-rings, and V-ring sets) .....	2002.. 40	X	X	254 093
		1997.. 42	X	X	171 809
3399915251	Packing and seals, molded, diaphragm seals .....	2002.. 25	X	X	89 638
		1997.. 26	X	X	67 329
3399915261	Packing and seals, molded, all other types, including leather and plastics seals and nonmetallic exclusion devices .....	2002.. 50	X	X	339 315
		1997.. 76	X	X	321 178
3399915Y	Packing and seals, molded, nsk .....	2002.. N	X	X	69 100
		1997.. N	X	X	40 550
3399915YWV	Packing and seals, molded, nsk .....	2002.. N	X	X	69 100
		1997.. N	X	X	40 550
3399917	Gaskets and seals, metallic and machined .....	2002.. N	X	X	761 102
		1997.. N	X	X	873 404
33999171	Gaskets and seals, metallic and machined .....	2002.. N	X	X	752 608
		1997.. N	X	X	844 681
3399917111	Gaskets, metallic, spiral-wound .....	2002.. 15	X	X	68 125
		1997.. 14	X	X	45 307
3399917121	Gaskets and seals, metallic and machined, other types, including metallic exclusion devices .....	2002.. 55	X	X	684 483
		1997.. 71	X	X	799 374
3399917Y	Gaskets and seals, metallic and machined, nsk .....	2002.. N	X	X	8 494
		1997.. N	X	X	28 723
3399917YWV	Gaskets and seals, metallic and machined, nsk .....	2002.. N	X	X	8 494
		1997.. N	X	X	28 723
3399918	Seals, axial, mechanical face, including parts .....	2002.. N	X	X	207 334
		1997.. N	X	X	257 291
33999181	Seals, axial, mechanical face, complete .....	2002.. N	X	X	D
		1997.. N	X	X	211 573
3399918111	Seals, axial, mechanical face, complete, containing single-coil springs .....	2002.. 8	X	X	74 975
		1997.. 7	X	X	63 764
3399918121	Seals, axial, mechanical face, complete, containing multiple-coil springs .....	2002.. 12	X	X	34 262
		1997.. 6	X	X	30 157
3399918131	Seals, axial, mechanical face, complete, containing bellows .....	2002.. 6	X	X	D
		1997.. 4	X	X	83 063
3399918141	Seals, axial, mechanical face, complete, other types, including clearance and labyrinth .....	2002.. 6	X	X	36 583
		1997.. 7	X	X	34 589
33999182	Seals, axial, mechanical face, parts .....	2002.. N	X	X	D
		1997.. N	X	X	43 843
3399918251	Seals, axial, mechanical face, parts .....	2002.. 5	X	X	D
		1997.. 8	X	X	43 843
3399918Y	Seals, axial, mechanical face, including parts, nsk .....	2002.. N	X	X	7 534
		1997.. N	X	X	1 875

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339991	Gasket, packing, and sealing device manufacturing—Con.				
3399918	Seals, axial, mechanical face, including parts—Con.				
3399918Y	Seals, axial, mechanical face, including parts, nsk—Con.				
3399918YWV	Seals, axial, mechanical face, including parts, nsk . . . . .	2002.. N	X	X	7 534
		1997.. N	X	X	1 875
3399919	Seals, rotary oil . . . . .	2002.. N	X	X	558 796
		1997.. N	X	X	684 255
33999191	Seals, rotary oil . . . . .	2002.. N	X	X	540 952
		1997.. N	X	X	673 467
3399919111	Seals, rotary oil, sprung (spring-loaded) bonded . . . . .	2002.. 12	X	X	274 095
		1997.. 7	X	X	343 603
3399919141	Seals, rotary oil, nonmetallic . . . . .	2002.. 5	X	X	26 342
		1997.. 3	X	X	34 409
3399919161	Seals, rotary oils, other types (including unsprung bonded, displacement, inflatable, labyrinth, boundary lubrication, all-metallic, nonbonded-assembled, proximity, and unitized) . . . . .	2002.. 9	X	X	240 515
		1997.. N	X	X	N
3399919Y	Seals, rotary oil, nsk . . . . .	2002.. N	X	X	17 844
		1997.. N	X	X	10 788
3399919YWV	Seals, rotary oil, nsk . . . . .	2002.. N	X	X	17 844
		1997.. N	X	X	10 788
339991W	Gasket, packing, and sealing device manufacturing, nsk, total . . . . .	2002.. N	X	X	445 710
		1997.. N	X	X	497 651
339991WY	Gasket, packing, and sealing device manufacturing, nsk, total . . . . .	2002.. N	X	X	445 710
		1997.. N	X	X	497 651
339991WYWW	Gasket, packing, and sealing device manufacturing, nsk, for nonadministrative-record establishments . . . . .	2002.. N	X	X	320 253
		1997.. N	X	X	378 751
339991WYWY	Gasket, packing, and sealing device manufacturing, nsk, for administrative-record establishments . . . . .	2002.. N	X	X	125 457
		1997.. N	X	X	118 900
339992	Musical instrument manufacturing . . . . .	2002.. N	X	X	1 705 905
		1997.. N	X	X	1 278 707
3399921	Pianos, nonelectronic . . . . .	2002.. N	X	X	173 794
		1997.. N	X	X	189 926
33999211	Pianos, nonelectronic . . . . .	2002.. N	X	X	173 794
		1997.. N	X	X	189 926
3399921106	Pianos, nonelectronic, grand . . . . .	2002.. 6	X	X	81 570
		1997.. 4	X	X	D
3399921101	Pianos, nonelectronic, other types, including console, upright, and vertical . . . . .	2002.. 7	X	X	92 224
		1997.. 9	X	X	D
3399921Y	Pianos, nonelectronic, nsk . . . . .	2002.. N	X	X	—
		1997.. N	X	X	D
3399921YWV	Pianos, nonelectronic, nsk . . . . .	2002.. N	X	X	—
		1997.. N	X	X	D
3399923	Organs . . . . .	2002.. N	X	X	105 608
		1997.. N	X	X	89 037
33999231	Organs . . . . .	2002.. N	X	X	104 209
		1997.. N	X	X	86 390
3399923101	Organs, pipe and reed . . . . .	2002.. 46	X	X	55 042
		1997.. 37	X	X	33 579
3399923106	Organs, other types, including electronic . . . . .	2002.. 7	X	X	49 167
		1997.. 8	X	X	52 811
3399923Y	Organs, nsk . . . . .	2002.. N	X	X	1 399
		1997.. N	X	X	2 647
3399923YWV	Organs, nsk . . . . .	2002.. N	X	X	1 399
		1997.. N	X	X	2 647
3399925	Pianos (nonelectronic) and organs, parts, except benches . . . . .	2002.. N	X	X	49 941
		1997.. N	X	X	59 300
33999251	Pianos (nonelectronic) and organs, parts, except benches . . . . .	2002.. N	X	X	49 941
		1997.. N	X	X	58 630
3399925101	Pianos, nonelectronic, parts (including actions, attachments, strings, and tuning pins), except benches . . . . .	2002.. 4	X	X	36 557
		1997.. 7	X	X	29 364
3399925106	Organs, parts (including electronic), except benches . . . . .	2002.. 9	X	X	13 384
		1997.. 13	X	X	29 266
3399925Y	Pianos (nonelectronic) and organs, parts, except benches, nsk . . . . .	2002.. N	X	X	—
		1997.. N	X	X	670
3399925YWV	Pianos (nonelectronic) and organs, parts, except benches, nsk . . . . .	2002.. N	X	X	—
		1997.. N	X	X	670
3399927	Musical instruments, other types, including parts . . . . .	2002.. N	X	X	1 308 744
		1997.. N	X	X	834 262
33999271	Musical instruments, electronic, other types (including pianos and synthesizers), except electronic organs . . . . .	2002.. N	X	X	175 830
		1997.. N	X	X	74 974
3399927116	Musical instruments, electronic, other types (including pianos and synthesizers), except electronic organs . . . . .	2002.. 24	X	X	175 830
		1997.. 24	X	X	74 974
33999272	Musical instruments, nonelectronic, other types . . . . .	2002.. N	X	X	732 049
		1997.. N	X	X	494 995
3399927201	Musical instruments, nonelectronic, woodwind (including bassoons, clarinets, English horns, flutes, oboes, pan flutes, piccolos, recorders, and saxophones) . . . . .	2002.. 16	X	X	124 547
		1997.. 13	X	X	126 411
3399927206	Musical instruments, nonelectronic, brass wind (including cornets, French horns, trombones, trumpets, and tubas) . . . . .	2002.. 11	X	X	116 183
		1997.. 10	X	X	96 733
3399927211	Musical instruments, nonelectronic, string and fretted (including banjos, basses, cellos, harps, harpsichords, guitars, violas, and violins) . . . . .	2002.. 45	X	X	349 626

See footnotes at end of table.

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339992	Musical instrument manufacturing—Con.				
3399927	Musical instruments, other types, including parts—Con.				
33999272	Musical instruments, nonelectronic, other types—Con.				
3399927211	Musical instruments, nonelectronic, string and fretted (including banjos, basses, cellos, harps, harpsichords, guitars, violas, and violins)—Con.	1997.. 23	X	X	163 508
3399927221	Musical instruments, nonelectronic, percussion (including cymbals, drums, timpani, and vibraphones) .....	2002.. 16 1997.. 13	X X	X X	103 892 95 793
3399927226	Musical instruments, nonelectronic, all other types (including accordions, bagpipes, and harmonicas) .....	2002.. 9 1997.. 13	X X	X X	37 801 12 550
33999273	Musical instruments, other, parts and accessories, sold separately (including mouthpieces, music stands, and strings (except strings for nonelectronic pianos)), except benches and instrument cases .....	2002.. N 1997.. N	X X	X X	374 927 208 205
3399927331	Musical instruments, other, parts and accessories, sold separately (including mouthpieces, music stands, and strings (except strings for nonelectronic pianos)), except benches and instrument cases .....	2002.. 78 1997.. 52	X X	X X	374 927 208 205
3399927Y	Musical instruments, other types, including parts, nsk .....	2002.. N 1997.. N	X X	X X	25 938 56 088
3399927YV	Musical instruments, other types, including parts, nsk .....	2002.. N 1997.. N	X X	X X	25 938 56 088
339992W	Musical instrument manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	67 818 106 182
339992WY	Musical instrument manufacturing, nsk, total .....	2002.. N 1997.. N	X X	X X	67 818 106 182
339992WYV	Musical instrument manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	18 908 65 145
339992WYVY	Musical instrument manufacturing, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	48 910 41 037
339993	Fastener, button, needle, and pin manufacturing .....	2002.. N 1997.. N	X X	X X	629 636 814 640
3399931	Buttons and button parts, including button backs, blanks, and molds (excluding buttons and button parts made of precious metals and precious and semiprecious stones) .....	2002.. N 1997.. N	X X	X X	203 639 282 403
33999311	Buttons and button parts, including button backs, blanks, and molds (excluding buttons and button parts made of precious metals and precious and semiprecious stones) .....	2002.. N 1997.. N	X X	X X	173 162 194 434
3399931101	Buttons and button parts (including metal), including button backs, blanks, and molds (excluding buttons and parts made of precious metals and precious and semiprecious stones), except plastic .....	2002.. 22 1997.. 18	X X	X X	142 385 93 814
3399931106	Buttons and button parts, plastic, including button backs, blanks, and molds (excluding buttons and button parts made of precious metals and precious and semiprecious stones) .....	2002.. 10 1997.. 15	X X	X X	30 777 62 679
3399931Y	Buttons and button parts, including button backs, blanks, and molds (excluding buttons and button parts made of precious metals and precious and semiprecious stones), nsk .....	2002.. N 1997.. N	X X	X X	30 477 87 969
3399931YV	Buttons and button parts, including button backs, blanks, and molds (excluding buttons and button parts made of precious metals and precious and semiprecious stones), nsk .....	2002.. N 1997.. N	X X	X X	30 477 87 969
3399933	Zipper and slide fasteners, excluding zippers and slide fasteners made of precious metals and precious and semiprecious stones .....	2002.. N 1997.. N	X X	X X	133 255 249 546
33999331	Zipper and slide fasteners, excluding zippers and slide fasteners made of precious metals and precious and semiprecious stones .....	2002.. N 1997.. N	X X	X X	132 424 247 926
3399933106	Zipper and slide fasteners, metal, excluding zippers and slide fasteners made of precious metals and precious and semiprecious stones .....	2002.. 7 1997.. 18	X X	X X	116 523 151 796
3399933111	Zipper and slide fasteners, plastics, excluding zippers and slide fasteners made of precious metals and precious and semiprecious stones .....	2002.. 4 1997.. N	X X	X X	15 901 N
3399933Y	Zipper and slide fasteners, excluding zippers and slide fasteners made of precious metals and precious and semiprecious stones, nsk .....	2002.. N 1997.. N	X X	X X	831 1 620
3399933YV	Zipper and slide fasteners, excluding zippers and slide fasteners made of precious metals and precious and semiprecious stones, nsk .....	2002.. N 1997.. N	X X	X X	831 1 620
3399935	Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones .....	2002.. N 1997.. N	X X	X X	222 580 239 628
33999351	Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones .....	2002.. N	X	X	218 463

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**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339993	Fastener, button, needle, and pin manufacturing—Con.				
3399935	Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones—Con.				
33999351	Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones—Con.	1997..	N	X	X 236 124
3399935106	Buckles (including buckles covered with fabrics and other materials), excluding buckles made of precious metals and precious and semiprecious stones	2002..	12	X	X D
3399935112	Fasteners (except slide fasteners), including snap and tape, hook and eyes, rivet and burrs, and trimmings (excluding fasteners made of precious metals and precious and semiprecious stones)	1997..	23	X	X 92 339
3399935131	Needles (except hypodermic, phonographic, stylus, and suture) and pins (except jewelry), excluding needles and pins made of precious metals and precious and semiprecious stones	2002..	32	X	X 192 507
3399935131	Needles (except hypodermic, phonographic, stylus, and suture) and pins (except jewelry), excluding needles and pins made of precious metals and precious and semiprecious stones	1997..	N	X	X N
3399935Y	Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones, nsk	2002..	2	X	X D
3399935Y	Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones, nsk	1997..	N	X	X N
3399935YVW	Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones, nsk	2002..	N	X	X 4 117
3399935YVW	Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones, nsk	1997..	N	X	X 3 504
339993W	Fastener, button, needle, and pin manufacturing, nsk, total	2002..	N	X	X 70 162
339993WY	Fastener, button, needle, and pin manufacturing, nsk, total	1997..	N	X	X 43 063
339993WYVW	Fastener, button, needle, and pin manufacturing, nsk, for nonadministrative-record establishments	2002..	N	X	X 70 162
339993WYVW	Fastener, button, needle, and pin manufacturing, nsk, for nonadministrative-record establishments	1997..	N	X	X 43 063
339993WYVY	Fastener, button, needle, and pin manufacturing, nsk, for administrative-record establishments	2002..	N	X	X 52 129
339993WYVY	Fastener, button, needle, and pin manufacturing, nsk, for administrative-record establishments	1997..	N	X	X 9 900
339994	Broom, brush, and mop manufacturing	2002..	N	X	X 2 049 503
3399941	Brooms, mops, and dusters	1997..	N	X	X 1 974 317
33999411	Brooms	2002..	N	X	X 546 110
3399941101	Brooms, household floor	1997..	N	X	X 622 479
3399941106	Brooms, other types (hearth, industrial, stable, street, streetsweeping machine, etc.)	2002..	N	X	X 192 318
339994113	Mops and dusters, including refills	1997..	N	X	X 263 307
3399941311	Mops and dusters, including refills, dry (except dusting cloths)	2002..	18	X	X 86 817
3399941316	Mops, including refills, wet (except sponge)	1997..	31	X	X 109 106
3399941321	Mops, including refills, sponge	2002..	34	X	X 105 501
3399941Y	Brooms, mops, and dusters, nsk	1997..	46	X	X 154 201
3399941YVW	Brooms, mops, and dusters, nsk	2002..	N	X	X 299 295
3399943	Brushes and holders, pads, roller frames and rollers (including replacement rollers), paint and varnish	1997..	N	X	X 335 596
33999431	Brushes (including kalsomine, marking, paperhanging, stenciling, and whitewash), paint and varnish	2002..	25	X	X 94 782
3399943101	Brushes (including kalsomine, marking, paperhanging, stenciling, and whitewash), paint and varnish	1997..	28	X	X 60 019
33999432	Holders, pads, roller frames, and rollers (including replacement rollers), paint	2002..	30	X	X 97 786
3399943206	Holders and pads, paint	1997..	40	X	X 168 791
3399943211	Roller frames and rollers (including replacement rollers), paint	2002..	13	X	X 106 727
3399943Y	Brushes and holders, pads, roller frames and rollers (including replacement rollers), paint and varnish, nsk	1997..	15	X	X 106 786
3399943YVW	Brushes and holders, pads, roller frames and rollers (including replacement rollers), paint and varnish, nsk	2002..	N	X	X 54 497
3399945	Brushes, other types	1997..	N	X	X 23 576
33999451	Brushes, personal	2002..	N	X	X 54 497
3399945101	Toothbrushes	1997..	N	X	X 23 576
3399945106	Brushes, other personal types, including shaving brushes and hairbrushes	2002..	8	X	X 71 700
33999452	Brushes, all other types, except personal	1997..	13	X	X 31 070
33999452	Brushes, all other types, except personal	2002..	N	X	X 499 595

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

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Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339994	Broom, brush, and mop manufacturing—Con.				
3399945	Brushes, other types—Con.				
33999452	Brushes, all other types, except personal—Con.				
		1997..	N	X	X
3399945211	Brushes, maintenance (including dusting, floor, scrub, twisted-in-wire, and window), household .....	2002..	26	X	X
		1997..	28	X	X
3399945216	Brushes, maintenance (including dusting, floor, scrub, twisted-in-wire, and window), industrial .....	2002..	32	X	X
		1997..	48	X	X
3399945221	Brushes, other types (including cup, dentists', end, jewelers', power-driven, and rotary), industrial .....	2002..	24	X	X
		1997..	28	X	X
3399945226	Brushes, all other types (including artists' brushes and hair pencils), excluding artists' airbrushes .....	2002..	25	X	X
		1997..	40	X	X
3399945Y	Brushes, other types, nsk .....	2002..	N	X	X
		1997..	N	X	X
3399945YVV	Brushes, other types, nsk .....	2002..	N	X	X
		1997..	N	X	X
339994W	Broom, brush, and mop manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
339994WY	Broom, brush, and mop manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
339994WYWW	Broom, brush, and mop manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
339994WYWY	Broom, brush, and mop manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
339995	Burial casket manufacturing .....	2002..	N	X	X
		1997..	N	X	X
3399951	Burial caskets and coffins, completely lined and trimmed, adult sizes only, metal .....	2002..	N	X	X
		1997..	N	X	X
33999511	Burial caskets and coffins, completely lined and trimmed, adult sizes only, steel (excluding stainless) .....	2002..	N	X	X
		1997..	N	X	X
3399951101	Burial caskets and coffins, completely lined and trimmed, adult sizes only, steel (excluding stainless) .....	thousands..2002..	32	X	P1 075.7
		1997..	40	X	1 220.5
33999512	Burial caskets and coffins, completely lined and trimmed, adult sizes only, other metal (including bronze, copper, and stainless steel) .....	2002..	N	X	X
		1997..	N	X	X
3399951206	Burial caskets and coffins, completely lined and trimmed, adult sizes only, other metal (including bronze, copper, and stainless steel) .....	thousands..2002..	20	X	S
		1997..	21	X	170.2
3399951Y	Burial caskets and coffins, completely lined and trimmed, adult sizes only, metal, nsk .....	2002..	N	X	X
		1997..	N	X	X
3399951YVV	Burial caskets and coffins, completely lined and trimmed, adult sizes only, metal, nsk .....	2002..	N	X	X
		1997..	N	X	X
3399953	Burial caskets and coffins, completely lined and trimmed, adult sizes only, wood .....	2002..	N	X	X
		1997..	N	X	X
33999531	Burial caskets and coffins, completely lined and trimmed, adult sizes only, wood .....	2002..	N	X	X
		1997..	N	X	X
3399953106	Burial caskets and coffins, completely lined and trimmed, adult sizes only, hardwood and pine .....	thousands..2002..	28	X	D
		1997..	28	X	287.0
3399953101	Burial caskets and coffins, completely lined and trimmed, adult sizes only, other wood (including fiberboard, hardboard, and softwood (except pine)) .....	thousands..2002..	11	X	D
		1997..	16	X	128.6
3399953Y	Burial caskets and coffins, completely lined and trimmed, adult sizes only, wood, nsk .....	2002..	N	X	X
		1997..	N	X	X
3399953YVV	Burial caskets and coffins, completely lined and trimmed, adult sizes only, wood, nsk .....	2002..	N	X	X
		1997..	N	X	X
3399955	Burial caskets and coffins, other types (including burial boxes and vaults (except concrete and stone), casket shells, casket shipping cases and containers, and children's) .....	2002..	N	X	X
		1997..	N	X	X
33999551	Burial caskets and coffins, other types (including burial boxes and vaults (except concrete and stone), casket shells, casket shipping cases and containers, and children's) .....	2002..	N	X	X
		1997..	N	X	X
3399955100	Burial caskets and coffins, other types (including burial boxes and vaults (except concrete and stone), casket shells, casket shipping cases and containers, and children's) .....	thousands..2002..	35	X	S
		1997..	26	X	229.8
339995W	Burial casket manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
339995WY	Burial casket manufacturing, nsk, total .....	2002..	N	X	X
		1997..	N	X	X
339995WYWW	Burial casket manufacturing, nsk, for nonadministrative-record establishments .....	2002..	N	X	X
		1997..	N	X	X
339995WYWY	Burial casket manufacturing, nsk, for administrative-record establishments .....	2002..	N	X	X

See footnotes at end of table.

**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments		
				Quantity	Value (\$1,000)	
339995 339995W 339995WY 339995WYWY	Burial casket manufacturing—Con. Burial casket manufacturing, nsk, total—Con. Burial casket manufacturing, nsk, total—Con. Burial casket manufacturing, nsk, for administrative-record establishments—Con.	1997..	N	X	X	36 704
339999	All other miscellaneous manufacturing .....	2002.. 1997..	N N	X X	X X	12 409 120 7 270 148
3399991	Fire extinguishing equipment, hand-portable and fixed-system (except water sprinkler systems), including parts and attachments .....	2002.. 1997..	N N	X X	X X	627 804 543 864
33999911	Fire extinguishing equipment, hand-portable and fixed-system (except water sprinkler systems), including parts and attachments .....	2002.. 1997..	N N	X X	X X	609 734 533 471
3399991101	Fire extinguishers, hand-portable, carbon dioxide .....	2002.. 1997..	11 7	X X	X X	D 29 609
3399991106	Fire extinguishers, hand-portable, dry chemical .....	2002.. 1997..	9 7	X X	X X	211 178 200 143
3399991111	Fire extinguishers, hand-portable, other types (including foam, halogenated agent, and pressurized water) .....	2002.. 1997..	5 11	X X	X X	53 546 67 684
3399991116	Fire extinguishing equipment, fixed-system (including dry and wet chemical, inert gas, and two-wheeled chemical fire engines) .....	2002.. 1997..	16 10	X X	X X	208 221 137 733
3399991121	Fire extinguishing equipment, hand-portable and fixed-system (except water sprinkler systems), parts and attachments .....	2002.. 1997..	9 8	X X	X X	D 98 302
3399991Y	Fire extinguishing equipment, hand-portable and fixed-system (except water sprinkler systems), including parts and attachments, nsk .....	2002.. 1997..	N N	X X	X X	18 070 10 393
3399991YWV	Fire extinguishing equipment, hand-portable and fixed-system (except water sprinkler systems), including parts and attachments, nsk .....	2002.. 1997..	N N	X X	X X	18 070 10 393
3399993	Coin-operated amusement machines, except jukeboxes .....	2002.. 1997..	N N	X X	X X	1 198 531 866 254
33999931	Coin-operated amusement machines, except jukeboxes .....	2002.. 1997..	N N	X X	X X	1 198 531 863 216
3399993101	Coin-operated amusement center and arcade-type amusement machines, electronic, excluding jukeboxes .....	2002.. 1997..	14 26	X X	X X	136 095 395 360
3399993106	Coin-operated amusement machines, other types (including nonelectronic machines and parts), except jukeboxes .....	2002.. 1997..	16 15	X X	X X	1 062 436 467 856
3399993Y	Coin-operated amusement machines, except jukeboxes, nsk .....	2002.. 1997..	N N	X X	X X	— 3 038
3399993YWV	Coin-operated amusement machines, except jukeboxes, nsk .....	2002.. 1997..	N N	X X	X X	— 3 038
3399995	Candles, including tapers .....	2002.. 1997..	N N	X X	X X	1 266 915 907 663
33999951	Candles, including tapers .....	2002.. 1997..	N N	X X	X X	1 266 915 907 663
3399995100	Candles, including tapers .....	2002.. 1997..	128 111	X X	X X	1 266 915 907 663
3399997	Umbrellas and parasols, including parts .....	2002.. 1997..	N N	X X	X X	70 201 74 927
33999971	Umbrellas and parasols, including parts .....	2002.. 1997..	N N	X X	X X	70 201 74 927
3399997100	Umbrellas and parasols, including parts .....	2002.. 1997..	22 20	X X	X X	70 201 74 927
3399999	Artificial trees, flowers, fruits, and wreaths, including feathers and plumes .....	2002.. 1997..	N N	X X	X X	260 711 250 304
33999991	Artificial trees, flowers, fruits, and wreaths, including feathers and plumes .....	2002.. 1997..	N N	X X	X X	225 568 220 764
3399999101	Artificial trees, including Christmas, metal, and plastics .....	2002.. 1997..	34 18	X X	X X	80 220 120 173
3399999106	Artificial flowers, fruits, and wreaths .....	2002.. 1997..	38 23	X X	X X	95 423 86 540
3399999111	Feathers and plumes .....	2002.. 1997..	10 5	X X	X X	49 925 14 051
3399999Y	Artificial trees, flowers, fruits, and wreaths, including feathers and plumes, nsk .....	2002.. 1997..	N N	X X	X X	35 143 29 540
3399999YWV	Artificial trees, flowers, fruits, and wreaths, including feathers and plumes, nsk .....	2002.. 1997..	N N	X X	X X	35 143 29 540
339999E	Mirror and picture frames and framed pictures .....	2002.. 1997..	N N	X X	X X	1 435 148 N
339999E1	Mirror and picture frames, wood .....	2002.. 1997..	N N	X X	X X	441 957 N
339999E101	Mirror and picture frames, wood .....	2002.. 1997..	96 N	X X	X X	441 957 N
339999E2	Framed pictures, wood .....	2002.. 1997..	N N	X X	X X	370 014 N
339999E206	Framed pictures, wood .....	2002.. 1997..	62 N	X X	X X	370 014 N

See footnotes at end of table.



**Table 1. Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products produced by (1) establishments classified in the NAICS industry that matches the first six digits of the product code (primary products), and (2) establishments classified in other industries (secondary products). Transfers of products from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. Differences between the 1997 data shown and comparable data in Table 3 of this report are due to revisions made during the Annual Survey of Manufactures (ASM) review. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339999	All other miscellaneous manufacturing—Con.				
339999E	Mirror and picture frames and framed pictures—Con.				
339999E3	Mirror and picture frames, including framed pictures, metal and plastics	2002.. N	X	X	605 147
		1997.. N	X	X	N
339999E311	Mirror and picture frames, metal	2002.. 27	X	X	50 566
		1997.. N	X	X	N
339999E313	Mirror and picture frames, plastics	2002.. 41	X	X	206 937
		1997.. N	X	X	N
339999E316	Framed pictures, other material types (including fiber, metal, and plastics), except wood	2002.. 35	X	X	347 644
		1997.. N	X	X	N
339999EY	Mirror and picture frames and framed pictures, nsk	2002.. N	X	X	18 030
		1997.. N	X	X	N
339999EYVW	Mirror and picture frames and framed pictures, nsk	2002.. N	X	X	18 030
		1997.. N	X	X	N
339999K	Other miscellaneous fabricated products	2002.. N	X	X	5 012 476
		1997.. N	X	X	N
339999K1	Other miscellaneous fabricated products	2002.. N	X	X	4 942 590
		1997.. N	X	X	N
339999K111	Christmas tree ornaments and decorations, except glass and electric	2002.. 28	X	X	59 357
		1997.. N	X	X	N
339999K121	Potpourri, including potpourri made from dried and chemically preserved flowers, foliage, fruits, and vines	2002.. 20	X	X	65 970
		1997.. N	X	X	N
339999K151	All other miscellaneous fabricated products, including products made from a combination of materials	2002.. 1 943	X	X	4 817 263
		1997.. N	X	X	N
339999KY	Other miscellaneous fabricated products, nsk	2002.. N	X	X	69 886
		1997.. N	X	X	N
339999KYVW	Other miscellaneous fabricated products, nsk	2002.. N	X	X	69 886
		1997.. N	X	X	N
339999W	All other miscellaneous manufacturing, nsk, total	2002.. N	X	X	2 537 334
		1997.. N	X	X	1 279 276
339999WY	All other miscellaneous manufacturing, nsk, total	2002.. N	X	X	2 537 334
		1997.. N	X	X	1 279 276
339999WYVW	All other miscellaneous manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	1 873 246
		1997.. N	X	X	1 035 558
339999WYVY	All other miscellaneous manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	664 088
		1997.. N	X	X	243 718

<sup>1</sup>For additional detail, see Current Industrial Report MQ311A, Flour Milling  
<sup>2</sup>For additional detail, see Current Industrial Report M311J, Fats and Oils: Oilseed Crushings.  
<sup>3</sup>For additional detail, see Current Industrial Report M311K, Fats and Oils: Production, Consumption, and Stocks.  
<sup>4</sup>For additional detail, see Current Industrial Report MA311D, Confectionery.  
<sup>5</sup>For additional detail, see Current Industrial Report MA313F, Yarn Production.  
<sup>6</sup>For additional detail, see Current Industrial Report MQ313T, Broadwoven Fabrics.  
<sup>7</sup>For additional detail, see Current Industrial Report MA313K, Knit Fabric Production.  
<sup>8</sup>For additional detail, see Current Industrial Report MA314Q, Carpets and Rugs.  
<sup>9</sup>For additional detail, see Current Industrial Report MQ314X, Bed and Bath Furnishings.  
<sup>10</sup>For additional detail, see Current Industrial Report MQ315A, Apparel.  
<sup>11</sup>For additional detail, see Current Industrial Report MA316A, Footwear.  
<sup>12</sup>This product code is primary to more than one industry. See industry 325110, product code 3251101111.  
<sup>13</sup>This product code is primary to more than one industry. See industry 325110, product code 3251101121.  
<sup>14</sup>This product code is primary to more than one industry. See industry 324110, product code 324110T171.  
<sup>15</sup>This product code is primary to more than one industry. See industry 324110, product code 324110T181.  
<sup>16</sup>For additional detail, see Current Industrial Report MQ325C, Industrial Gases.  
<sup>17</sup>For additional detail, see Current Industrial Report MQ325B, Fertilizer Materials.  
<sup>18</sup>For additional detail, see Current Industrial Report MQ325A, Inorganic Chemicals.  
<sup>19</sup>For additional detail, see Current Industrial Report MA325G, Pharmaceutical Preparations.  
<sup>20</sup>For additional detail, see Current Industrial Report MA325F, Paint and Allied Products.  
<sup>21</sup>For additional detail, see Current Industrial Report MQ327D, Clay Construction Products.  
<sup>22</sup>For additional detail, see Current Industrial Report MA327C, Refractories.  
<sup>23</sup>For additional detail, see Current Industrial Report MA327A, Flat Glass.  
<sup>24</sup>For additional detail, see Current Industrial Report M327G, Glass Containers.  
<sup>25</sup>For additional detail, see Current Industrial Report MA327E, Glassware.  
<sup>26</sup>For additional detail, see Current Industrial Report MA331B, Steel Mill Products.  
<sup>27</sup>For additional detail, see Current Industrial Report MA335J, Insulated Wire and Cable.  
<sup>28</sup>For additional detail, see Current Industrial Report MA331A, Iron and Steel Castings.  
<sup>29</sup>For additional detail, see Current Industrial Report MA331E, Nonferrous Castings.  
<sup>30</sup>For additional detail, see Current Industrial Report MA334B, Selected Instruments and Related Products.  
<sup>31</sup>For additional detail, see Current Industrial Report MA333N, Fluid Power Products.  
<sup>32</sup>For additional detail, see Current Industrial Report MA332Q, Antifriction Bearings.  
<sup>33</sup>For additional detail, see Current Industrial Report MA333A, Farm Machinery and Garden Equipment.  
<sup>34</sup>For additional detail, see Current Industrial Report MA333D, Construction Machinery.  
<sup>35</sup>For additional detail, see Current Industrial Report MA333F, Mining Machinery.  
<sup>36</sup>For additional detail, see Current Industrial Report MA334R, Computers and Office and Accounting Machines.  
<sup>37</sup>For additional detail, see Current Industrial Report MA334P, Communication and Other Electronic Equipment.  
<sup>38</sup>For additional detail, see Current Industrial Report MA335E, Electric Housewares and Fans.  
<sup>39</sup>For additional detail, see Current Industrial Report MA333M, Refrigeration and Heating Equipment.  
<sup>40</sup>For additional detail, see Current Industrial Report MQ333W, Metalworking Machinery.  
<sup>41</sup>For additional detail, see Current Industrial Report MA333L, Internal Combustion Engines.  
<sup>42</sup>For additional detail, see Current Industrial Report MA333P, Pumps and Compressors.  
<sup>43</sup>For additional detail, see Current Industrial Report MA334M, Consumer Electronics.  
<sup>44</sup>For additional detail, see Current Industrial Report MA334Q, Semiconductors and Electronic Components.  
<sup>45</sup>For additional detail, see Current Industrial Report MA334S, Electromedical and Irradiation Equipment.  
<sup>46</sup>For additional detail, see Current Industrial Report MA335F, Major Household Appliances.  
<sup>47</sup>For additional detail, see Current Industrial Report MQ335C, Fluorescent Lamp Ballasts.  
<sup>48</sup>For additional detail, see Current Industrial Report MA335H, Motors and Generators.  
<sup>49</sup>For additional detail, see Current Industrial Report MA335A, Switchgear and Industrial Controls.  
<sup>50</sup>For additional detail, see Current Industrial Report MA335K, Wiring Devices and Supplies.  
<sup>51</sup>This activity is also conducted at establishments classified in NAICS Sectors 42 and 81.  
<sup>52</sup>For additional detail, see Current Industrial Report M336G, Civil Aircraft and Aircraft Engines.  
<sup>53</sup>The definition of this industry has changed from 1997. See Industry Series report EC02311-339111, Laboratory Apparatus and Furniture Manufacturing, Appendix B for an explanation of the changes.

## Table 1. **Products Statistics: 2002 and 1997—Con.**

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3111111	Dog food	
	United States .....	2002.. 5 993 540
		1997.. 5 213 728
	California .....	2002.. 408 139
		1997.. 449 265
	Kansas .....	2002.. 390 818
		1997.. 335 356
	Minnesota .....	2002.. 34 368
		1997.. N
	Missouri .....	2002.. 316 678
		1997.. 268 087
Ohio .....	2002.. 704 070	
	1997.. 535 278	
Tennessee .....	2002.. 105 817	
	1997.. 31 835	
3111114	Cat food	
	United States .....	2002.. 3 541 476
		1997.. 2 754 568
	California .....	2002.. 518 544
		1997.. 367 943
	Kansas .....	2002.. 122 954
		1997.. 59 764
	Minnesota .....	2002.. 13 592
		1997.. N
	Missouri .....	2002.. 334 389
		1997.. 253 694
Ohio .....	2002.. 122 963	
	1997.. 206 538	
Tennessee .....	2002.. 86 976	
	1997.. N	
3111191	Chicken and turkey feed, supplements, concentrates, and premixes	
	United States .....	2002.. 5 328 920
		1997.. 8 088 049
	Alabama .....	2002.. 506 397
		1997.. 699 558
	Arkansas .....	2002.. 811 217
		1997.. 1 109 272
	California .....	2002.. 280 248
		1997.. 478 721
	Colorado .....	2002.. 37 702
		1997.. N
	Georgia .....	2002.. 597 658
		1997.. 841 019
	Illinois .....	2002.. 21 485
		1997.. 82 855
	Indiana .....	2002.. 117 845
		1997.. 109 000
	Iowa .....	2002.. 81 292
		1997.. 117 657
	Kentucky .....	2002.. 96 404
		1997.. 22 892
Minnesota .....	2002.. 69 609	
	1997.. 119 968	
Mississippi .....	2002.. 196 983	
	1997.. 240 263	
New York .....	2002.. 22 031	
	1997.. 10 680	
North Carolina .....	2002.. 624 965	
	1997.. 775 712	
Ohio .....	2002.. 51 663	
	1997.. 61 344	
Pennsylvania .....	2002.. 140 498	
	1997.. 126 492	
Texas .....	2002.. 473 964	
	1997.. 869 010	
Virginia .....	2002.. 212 533	
	1997.. 428 223	
3111194	Dairy cattle feed, complete	
	United States .....	2002.. 1 621 456
		1997.. 1 598 556
	California .....	2002.. 569 146
		1997.. 430 232
	Colorado .....	2002.. 10 495
		1997.. N
	Florida .....	2002.. 49 038
		1997.. 87 987
	Georgia .....	2002.. 29 230
		1997.. 46 150
	Illinois .....	2002.. 39 132
		1997.. 42 319
	Indiana .....	2002.. 15 133
		1997.. 50 004
	Kansas .....	2002.. 4 012
		1997.. 31 950
	Kentucky .....	2002.. 22 110
		1997.. 26 864
	Michigan .....	2002.. 22 178
		1997.. 8 876
Minnesota .....	2002.. 33 689	
	1997.. 25 199	
Missouri .....	2002.. 25 052	
	1997.. 36 978	
Nebraska .....	2002.. 2 319	
	1997.. 5 276	
New Mexico .....	2002.. 5 395	
	1997.. N	
New York .....	2002.. 116 679	
	1997.. 92 820	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3111194	Dairy cattle feed, complete—Con.	
	North Carolina .....	2002 .. 19 559
	.....	1997 .. 38 115
	Ohio .....	2002 .. 35 005
	.....	1997 .. 42 604
	Oklahoma .....	2002 .. 15 467
	.....	1997 .. 12 539
	Pennsylvania .....	2002 .. 97 827
	.....	1997 .. 77 832
	South Dakota .....	2002 .. 2 261
	.....	1997 .. N
	Texas .....	2002 .. 90 066
	.....	1997 .. 149 431
	Virginia .....	2002 .. 22 875
.....	1997 .. 39 072	
Washington .....	2002 .. 100 311	
.....	1997 .. 43 311	
Wisconsin .....	2002 .. 76 482	
.....	1997 .. 52 359	
3111197	Dairy cattle feed supplements, concentrates, and premixes	
	United States .....	2002 .. 973 643
	.....	1997 .. 905 155
	California .....	2002 .. 148 702
	.....	1997 .. 102 013
	Colorado .....	2002 .. 7 341
	.....	1997 .. 7 135
	Florida .....	2002 .. 9 110
	.....	1997 .. 8 888
	Georgia .....	2002 .. 9 277
	.....	1997 .. 12 563
	Illinois .....	2002 .. 35 474
	.....	1997 .. 25 289
	Indiana .....	2002 .. 32 919
	.....	1997 .. 35 139
	Iowa .....	2002 .. 54 900
	.....	1997 .. 47 735
	Kansas .....	2002 .. 3 930
	.....	1997 .. 6 205
	Kentucky .....	2002 .. 9 893
	.....	1997 .. 11 816
	Michigan .....	2002 .. 16 796
	.....	1997 .. 25 868
	Minnesota .....	2002 .. 53 279
	.....	1997 .. 60 112
	Missouri .....	2002 .. 12 123
	.....	1997 .. 10 397
	Nebraska .....	2002 .. 7 906
	.....	1997 .. 12 252
	North Carolina .....	2002 .. 6 458
	.....	1997 .. 10 945
	Ohio .....	2002 .. 40 537
	.....	1997 .. 37 219
Pennsylvania .....	2002 .. 39 512	
.....	1997 .. 49 407	
Texas .....	2002 .. 76 221	
.....	1997 .. 64 770	
Utah .....	2002 .. 5 121	
.....	1997 .. 2 478	
Virginia .....	2002 .. 8 316	
.....	1997 .. 7 283	
Washington .....	2002 .. 14 236	
.....	1997 .. 35 778	
Wisconsin .....	2002 .. 172 275	
.....	1997 .. 175 672	
311119A	Swine feed, complete	
	United States .....	2002 .. 533 191
	.....	1997 .. 581 813
	California .....	2002 .. 12 431
	.....	1997 .. 7 185
	Florida .....	2002 .. 2 251
	.....	1997 .. N
	Georgia .....	2002 .. 10 198
	.....	1997 .. 12 942
	Illinois .....	2002 .. 49 171
	.....	1997 .. 67 041
	Indiana .....	2002 .. 13 977
	.....	1997 .. 39 035
	Iowa .....	2002 .. 131 183
	.....	1997 .. 106 049
	Michigan .....	2002 .. 13 837
	.....	1997 .. N
	Minnesota .....	2002 .. 37 798
	.....	1997 .. 28 394
	Missouri .....	2002 .. 35 115
	.....	1997 .. 29 913
	Nebraska .....	2002 .. 45 708
	.....	1997 .. 50 126
	North Carolina .....	2002 .. 55 712
	.....	1997 .. 71 285
	Ohio .....	2002 .. 27 277
.....	1997 .. 14 176	
Oklahoma .....	2002 .. 5 130	
.....	1997 .. 9 298	
Pennsylvania .....	2002 .. 10 086	
.....	1997 .. 12 909	
South Dakota .....	2002 .. 5 891	
.....	1997 .. 2 563	
311119D	Swine feed supplements, concentrates, and premixes	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
311119D	Swine feed supplements, concentrates, and premixes—Con.	
	United States.....	2002.. 553 424
		1997.. 981 825
	Illinois.....	2002.. 105 824
		1997.. 105 484
	Indiana.....	2002.. 32 410
		1997.. 87 047
	Iowa.....	2002.. 174 718
		1997.. 381 385
	Kentucky.....	2002.. 4 369
		1997.. 15 843
	Michigan.....	2002.. 10 355
		1997.. 8 314
	Minnesota.....	2002.. 43 210
		1997.. 48 966
	Missouri.....	2002.. 9 201
		1997.. 20 094
Nebraska.....	2002.. 13 918	
	1997.. 100 391	
North Carolina.....	2002.. 5 781	
	1997.. 45 889	
Wisconsin.....	2002.. 4 366	
	1997.. 19 007	
311119G	Beef cattle feed, complete	
	United States.....	2002.. 617 001
		1997.. 611 301
	Alabama.....	2002.. 31 383
		1997.. 5 431
	Arkansas.....	2002.. 6 051
		1997.. 14 633
	California.....	2002.. 67 791
		1997.. 17 928
	Colorado.....	2002.. 9 403
		1997.. N
	Florida.....	2002.. 15 702
		1997.. 37 016
	Illinois.....	2002.. 13 085
		1997.. N
	Indiana.....	2002.. 7 956
		1997.. 4 244
	Iowa.....	2002.. 10 057
		1997.. 27 737
	Kansas.....	2002.. 105 569
		1997.. 121 446
	Kentucky.....	2002.. 6 622
		1997.. 6 390
	Minnesota.....	2002.. 8 602
		1997.. 3 058
	Missouri.....	2002.. 21 277
		1997.. 27 504
	Montana.....	2002.. 4 731
		1997.. 3 923
Nebraska.....	2002.. 29 190	
	1997.. 22 238	
New Mexico.....	2002.. 9 733	
	1997.. N	
North Carolina.....	2002.. 3 656	
	1997.. 5 595	
Oklahoma.....	2002.. 46 265	
	1997.. 64 805	
South Dakota.....	2002.. 14 399	
	1997.. 10 298	
Texas.....	2002.. 158 213	
	1997.. 133 997	
Wisconsin.....	2002.. 4 931	
	1997.. 2 754	
311119J	Beef cattle feed supplements, concentrates, and premixes	
	United States.....	2002.. 637 782
		1997.. 616 961
	California.....	2002.. 5 247
		1997.. 6 660
	Florida.....	2002.. 9 576
		1997.. N
	Illinois.....	2002.. 60 908
		1997.. 17 902
	Indiana.....	2002.. 10 629
		1997.. 16 297
	Iowa.....	2002.. 51 168
		1997.. 69 985
	Kansas.....	2002.. 80 017
		1997.. 112 345
	Kentucky.....	2002.. 11 699
		1997.. 6 488
	Minnesota.....	2002.. 33 342
		1997.. 10 793
	Missouri.....	2002.. 17 081
		1997.. 15 584
	Nebraska.....	2002.. 75 201
		1997.. 70 594
North Dakota.....	2002.. 7 327	
	1997.. N	
Ohio.....	2002.. 105 835	
	1997.. 7 875	
South Dakota.....	2002.. 27 747	
	1997.. 16 079	
Texas.....	2002.. 65 732	
	1997.. 128 649	
Utah.....	2002.. 3 392	
	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
311119J	Beef cattle feed supplements, concentrates, and premixes—Con.		
	Wisconsin .....	2002.. 7 099 1997.. 12 155	
311119M	Other poultry and livestock feed		
	United States .....	2002.. 810 973 1997.. 674 341	
	Alabama .....	2002.. 22 687 1997.. 6 785	
	California .....	2002.. 49 139 1997.. 31 703	
	Colorado .....	2002.. 13 959 1997.. 5 705	
	Florida .....	2002.. 40 308 1997.. 27 838	
	Georgia .....	2002.. 61 082 1997.. 78 523	
	Illinois .....	2002.. 28 527 1997.. 37 622	
	Indiana .....	2002.. 50 090 1997.. 26 169	
	Iowa .....	2002.. 65 064 1997.. 57 650	
	Kansas .....	2002.. 12 570 1997.. 23 932	
	Kentucky .....	2002.. 17 443 1997.. 7 675	
	Michigan .....	2002.. 3 587 1997.. 6 825	
	Missouri .....	2002.. 24 828 1997.. 11 854	
	Montana .....	2002.. 2 600 1997.. N	
	Nebraska .....	2002.. 13 583 1997.. 2 768	
	New York .....	2002.. 21 898 1997.. 26 863	
	North Carolina .....	2002.. 25 380 1997.. 25 638	
	Ohio .....	2002.. 23 257 1997.. 28 598	
	Oklahoma .....	2002.. 12 568 1997.. 12 438	
	Pennsylvania .....	2002.. 37 714 1997.. 53 314	
	Texas .....	2002.. 113 280 1997.. 84 727	
	Virginia .....	2002.. 6 620 1997.. 6 557	
	Washington .....	2002.. 9 875 1997.. 8 965	
	Wisconsin .....	2002.. 54 944 1997.. 14 787	
	311119P	Other prepared animal feeds, including feeding materials and adjuncts	
		United States .....	2002.. 695 406 1997.. 651 735
		California .....	2002.. 65 275 1997.. 120 639
		Colorado .....	2002.. 15 552 1997.. 4 161
		Illinois .....	2002.. 20 371 1997.. 27 959
		Indiana .....	2002.. 6 233 1997.. 10 984
		Iowa .....	2002.. 35 589 1997.. 84 239
		Kansas .....	2002.. 11 507 1997.. 14 724
		Missouri .....	2002.. 20 833 1997.. 13 723
Nebraska .....		2002.. 14 210 1997.. 25 872	
New York .....		2002.. 26 189 1997.. 10 645	
Ohio .....		2002.. 27 105 1997.. 16 190	
Oklahoma .....		2002.. 7 674 1997.. 6 751	
Pennsylvania .....		2002.. 44 500 1997.. 6 566	
Texas .....		2002.. 30 625 1997.. 34 741	
Wisconsin .....		2002.. 21 550 1997.. 88 291	
311119R		Specialty feeds	
		United States .....	2002.. 1 058 082 1997.. N
		California .....	2002.. 53 623 1997.. N
		Colorado .....	2002.. 30 675 1997.. N
		Illinois .....	2002.. 14 673 1997.. N
	Indiana .....	2002.. 79 419 1997.. N	
	Kansas .....	2002.. 12 826 1997.. N	
	Minnesota .....	2002.. 52 878 1997.. N	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
311119R	Specialty feeds—Con.	
	New York .....	2002 .. 29 600
		1997 .. N
	Pennsylvania .....	2002 .. 84 677
		1997 .. N
	South Dakota .....	2002 .. 7 433
		1997 .. N
Texas .....	2002 .. 23 645	
	1997 .. N	
Utah .....	2002 .. 42 449	
	1997 .. N	
3112111	Wheat flour (except flour mixes), made in flour mills	
	United States .....	2002 .. 4 289 540
		1997 .. 5 146 612
	California .....	2002 .. 416 966
		1997 .. 426 121
	Illinois .....	2002 .. 200 206
		1997 .. 375 267
	Kansas .....	2002 .. 323 156
		1997 .. 387 225
	Michigan .....	2002 .. 63 469
		1997 .. 79 937
	Minnesota .....	2002 .. 317 855
		1997 .. 417 386
	Missouri .....	2002 .. 309 003
		1997 .. 555 366
	New York .....	2002 .. 301 558
		1997 .. 392 101
	North Carolina .....	2002 .. 131 334
		1997 .. 153 096
	Ohio .....	2002 .. 211 708
		1997 .. 289 432
	Oklahoma .....	2002 .. 102 038
		1997 .. 108 773
Pennsylvania .....	2002 .. 242 882	
	1997 .. 184 453	
Tennessee .....	2002 .. 143 327	
	1997 .. 172 614	
Texas .....	2002 .. 194 361	
	1997 .. 170 422	
Utah .....	2002 .. 100 072	
	1997 .. 120 841	
Virginia .....	2002 .. 110 932	
	1997 .. 96 576	
3112114	Wheat mill products, except flour	
	United States .....	2002 .. 493 488
		1997 .. 784 114
	California .....	2002 .. 50 476
		1997 .. 64 817
	Illinois .....	2002 .. 30 463
		1997 .. 83 229
	Iowa .....	2002 .. 7 444
		1997 .. N
	North Carolina .....	2002 .. 12 045
		1997 .. 12 405
Ohio .....	2002 .. 22 507	
	1997 .. 33 113	
Texas .....	2002 .. 66 048	
	1997 .. 29 553	
3112117	Corn mill products	
	United States .....	2002 .. 941 757
		1997 .. 903 232
	Illinois .....	2002 .. 245 792
		1997 .. 249 753
Nebraska .....	2002 .. 110 716	
	1997 .. N	
North Carolina .....	2002 .. 25 222	
	1997 .. 17 163	
311211A	Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills	
	United States .....	2002 .. 565 584
		1997 .. 517 430
	North Carolina .....	2002 .. 9 136
	1997 .. N	
311211B	Other grain mill products	
	United States .....	2002 .. 238 252
		1997 .. N
	Kansas .....	2002 .. 49 118
		1997 .. N
Minnesota .....	2002 .. 62 115	
	1997 .. N	
3112120	Rice milling	
	United States .....	2002 .. 1 664 652
		1997 .. 2 147 313
	Arkansas .....	2002 .. 607 520
		1997 .. N
	California .....	2002 .. 368 858
		1997 .. N
	Louisiana .....	2002 .. 148 009
	1997 .. N	
Minnesota .....	2002 .. 23 727	
	1997 .. N	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3112120	Rice milling—Con.	
	Texas .....	186 616
	2002 ..	
	1997 ..	N
3112130	Malt	
	United States .....	494 011
	2002 ..	770 420
	1997 ..	159 789
	Minnesota .....	N
	2002 ..	N
	1997 ..	3 244
	North Dakota .....	N
	2002 ..	N
	1997 ..	158 599
	Wisconsin .....	N
	2002 ..	
	1997 ..	
3112211	Corn sweeteners	
	United States .....	3 106 601
	2002 ..	3 056 213
	1997 ..	729 821
	Illinois .....	774 197
	2002 ..	1 038 848
	1997 ..	877 008
	Iowa .....	
	2002 ..	
	1997 ..	
3112214	Manufactured starch	
	United States .....	1 696 085
	2002 ..	1 526 122
	1997 ..	336 630
	Iowa .....	443 185
	2002 ..	21 733
	1997 ..	26 579
	Minnesota .....	
	2002 ..	
	1997 ..	
3112218	Corn oil	
	United States .....	347 827
	2002 ..	N
	1997 ..	N
	Iowa .....	151 103
	2002 ..	N
	1997 ..	
311221A	Wet process corn byproducts	
	United States .....	1 266 354
	2002 ..	1 585 020
	1997 ..	519 156
	Iowa .....	561 217
	2002 ..	
	1997 ..	
3112221	Soybean oil	
	United States .....	2 745 728
	2002 ..	3 161 878
	1997 ..	371 436
	Illinois .....	661 766
	2002 ..	358 957
	1997 ..	123 576
	Indiana .....	570 877
	2002 ..	737 892
	1997 ..	150 088
	Iowa .....	N
	2002 ..	
	1997 ..	
	Ohio .....	
	2002 ..	
	1997 ..	
3112224	Soybean cake, meal, and other byproducts	
	United States .....	7 955 369
	2002 ..	8 824 896
	1997 ..	1 340 934
	Illinois .....	1 495 751
	2002 ..	590 518
	1997 ..	636 093
	Indiana .....	1 580 577
	2002 ..	1 574 680
	1997 ..	533 676
	Iowa .....	659 173
	2002 ..	
	1997 ..	
	Ohio .....	
	2002 ..	
	1997 ..	
3112231	Crude cottonseed oil	
	United States .....	104 458
	2002 ..	100 668
	1997 ..	
3112234	Cottonseed oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products)	
	United States .....	165 746
	2002 ..	165 630
	1997 ..	16 760
	Mississippi .....	N
	2002 ..	
	1997 ..	
3112237	Cotton linters	
	United States .....	D
	2002 ..	82 913
	1997 ..	
311223A	Cottonseed cake and meal and other byproducts	
	United States .....	286 330
	2002 ..	380 893
	1997 ..	22 820
	Mississippi .....	59 246
	2002 ..	150 115
	1997 ..	144 753
	Texas .....	
	2002 ..	
	1997 ..	
311223D	Linseed oil	
	United States .....	D
	2002 ..	110 134
	1997 ..	

See footnotes at end of table.



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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
311223G	Other vegetable oils	
	United States .....	2002.. 514 009
		1997.. 595 875
	California .....	2002.. 12 191
		1997.. 28 504
	Georgia .....	2002.. 37 486
		1997.. N
311223J	Other vegetable oil mill products	
	United States .....	2002.. 137 114
		1997.. D
3112252	Shortening and cooking oils	
	United States .....	2002.. 6 721 460
		1997.. N
	California .....	2002.. 422 712
		1997.. N
	Illinois .....	2002.. 1 084 404
		1997.. N
	Iowa .....	2002.. 565 644
		1997.. N
	Kentucky .....	2002.. 187 508
		1997.. N
	Minnesota .....	2002.. 768 722
		1997.. N
	Ohio .....	2002.. 503 669
		1997.. N
3112254	Margarine, butter blends, and butter substitutes	
	United States .....	2002.. 1 321 386
		1997.. 1 360 132
	California .....	2002.. 133 013
		1997.. N
	Illinois .....	2002.. 79 713
		1997.. 145 573
	Minnesota .....	2002.. 95 903
	1997.. N	
	Ohio .....	2002.. 145 716
		1997.. N
3112301	Ready-to-serve breakfast cereal foods (except infant cereals)	
	United States .....	2002.. 7 102 823
		1997.. 6 729 803
3112304	Other breakfast cereal foods	
	United States .....	2002.. 621 930
		1997.. 690 561
3113110	Raw cane sugar	
	United States .....	2002.. 1 663 551
		1997.. 1 449 749
	Florida .....	2002.. 637 333
		1997.. N
	Louisiana .....	2002.. 559 953
		1997.. N
3113120	Refined granulated cane sugar and by-products	
	United States .....	2002.. 2 656 775
		1997.. 3 186 963
3113130	Beet sugar	
	United States .....	2002.. 2 219 221
		1997.. 2 619 463
	Ohio .....	2002.. 40 748
		1997.. N
3113201	Chocolate coatings, made from cacao beans	
	United States .....	2002.. 711 146
		1997.. 639 816
3113204	Chocolate and chocolate-type confectionery products, made from cacao beans	
	United States .....	2002.. 2 028 528
		1997.. 1 916 439
3113207	Other chocolate and cocoa products, made from cacao beans	
	United States .....	2002.. 1 161 045
		1997.. 1 022 816
	Pennsylvania .....	2002.. 374 580
		1997.. 336 847
	Wisconsin .....	2002.. 209 373
		1997.. 245 525
3113301	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment	
	United States .....	2002.. 6 919 670
		1997.. 6 653 316
	California .....	2002.. 460 240
		1997.. 336 567
	Illinois .....	2002.. 1 329 696
		1997.. 1 361 770
	Massachusetts .....	2002.. 76 961
		1997.. 131 881

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3113301	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment—Con.	
	Michigan .....	2002.. 22 107
		1997.. 27 843
	Ohio .....	2002.. 46 015
		1997.. 48 745
	Pennsylvania .....	2002.. 1 503 441
		1997.. 1 456 926
	Utah .....	2002.. 31 553
		1997.. 19 409
	Washington .....	2002.. 46 939
		1997.. 37 922
	Wisconsin .....	2002.. 13 027
		1997.. 65 162
3113302	Chocolate and chocolate-type confectionery products, made from purchased chocolate retailed at manufacturing establishment	
	United States .....	2002.. 202 481
		1997.. 149 559
	California .....	2002.. 43 253
		1997.. 19 400
	Illinois .....	2002.. 14 121
		1997.. 3 240
	Maryland .....	2002.. 4 813
		1997.. N
	Michigan .....	2002.. 5 125
		1997.. 13 932
	Ohio .....	2002.. 2 404
		1997.. 5 407
	Pennsylvania .....	2002.. 12 383
		1997.. 6 906
	Utah .....	2002.. 3 200
		1997.. N
	Wisconsin .....	2002.. 33 068
		1997.. 8 914
3113401	Nonchocolate-type confectionery products, made and packaged for shipment not retailed at manufacturing establishment	
	United States .....	2002.. 4 371 345
		1997.. 4 243 445
	California .....	2002.. 482 859
		1997.. 285 400
	Connecticut .....	2002.. 37 745
		1997.. N
	Illinois .....	2002.. 796 614
		1997.. 930 192
	New York .....	2002.. 82 461
		1997.. 162 634
	Pennsylvania .....	2002.. 479 961
		1997.. 551 814
	Utah .....	2002.. 24 498
		1997.. 20 967
	Virginia .....	2002.. 104 421
		1997.. 79 343
	Wisconsin .....	2002.. 42 757
		1997.. 60 954
3113402	Nonchocolate-type confectionery products made from purchased chocolate retailed at manufacturing establishment	
	United States .....	2002.. 100 348
		1997.. 28 201
3113404	Chewing gum, bubble gum, and chewing gum base	
	United States .....	2002.. 1 738 964
		1997.. 1 310 938
3113407	Other confectionery-type products	
	United States .....	2002.. 250 685
		1997.. 159 863
3114111	Frozen fruits, juices, ades, drinks, and cocktails	
	United States .....	2002.. 2 469 828
		1997.. 2 822 600
	California .....	2002.. 693 820
		1997.. 611 938
	Michigan .....	2002.. 88 994
		1997.. 86 476
	Oregon .....	2002.. 250 990
		1997.. 166 833
	Washington .....	2002.. 178 795
		1997.. 100 899
3114114	Frozen vegetables	
	United States .....	2002.. 5 803 345
		1997.. 6 314 734
	California .....	2002.. 316 556
		1997.. 417 525
	Iowa .....	2002.. 2 435
		1997.. N
	Michigan .....	2002.. 26 679
		1997.. 56 433
	Minnesota .....	2002.. 276 367
		1997.. 207 277
	Oregon .....	2002.. 1 245 431
		1997.. 1 139 677
	Washington .....	2002.. 1 292 416
		1997.. 1 219 075

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3114114	Frozen vegetables—Con.		
	Wisconsin .....	2002.. 481 522 1997.. 613 074	
3114121	Frozen dinners (beef, pork, and poultry pies) and nationality foods		
	United States .....	2002.. 8 362 236 1997.. 6 963 429	
	California .....	2002.. 784 239 1997.. 506 944	
	Idaho .....	2002.. 190 929 1997.. N	
	Illinois .....	2002.. 258 367 1997.. 236 850	
	Massachusetts .....	2002.. 11 230 1997.. 17 311	
	Ohio .....	2002.. 2 171 351 1997.. 1 291 732	
	Pennsylvania .....	2002.. 146 918 1997.. 128 268	
	3114124	Other frozen specialties	
		United States .....	2002.. 2 954 576 1997.. 2 125 910
California .....		2002.. 618 039 1997.. 344 563	
Illinois .....		2002.. 167 441 1997.. 87 728	
Massachusetts .....		2002.. 17 968 1997.. N	
Ohio .....		2002.. 63 742 1997.. 154 271	
Pennsylvania .....		2002.. 55 166 1997.. N	
3114211		Canned fruits, except baby foods	
	United States .....	2002.. 2 127 937 1997.. 2 281 045	
	California .....	2002.. 1 076 455 1997.. 1 285 145	
	Michigan .....	2002.. 85 448 1997.. 149 779	
	Washington .....	2002.. 210 223 1997.. 173 230	
3114214	Canned vegetables, except hominy and mushrooms		
	United States .....	2002.. 2 740 654 1997.. 2 690 609	
	California .....	2002.. 379 184 1997.. 588 229	
	Michigan .....	2002.. 23 231 1997.. 42 978	
	Minnesota .....	2002.. 442 247 1997.. 274 993	
	Ohio .....	2002.. 46 766 1997.. 65 238	
	Tennessee .....	2002.. 32 491 1997.. N	
	Wisconsin .....	2002.. 675 086 1997.. 670 515	
	3114217	Canned hominy and mushrooms	
		United States .....	2002.. 142 115 1997.. 141 646
311421A	Canned vegetable juices		
	United States .....	2002.. 601 700 1997.. 438 970	
	California .....	2002.. 185 338 1997.. 123 329	
311421D	Canned catsup and other tomato based sauces		
	United States .....	2002.. 4 273 116 1997.. 4 107 843	
	California .....	2002.. 1 320 397 1997.. 1 742 048	
	Illinois .....	2002.. 45 109 1997.. N	
	Kentucky .....	2002.. 501 006 1997.. N	
	New Jersey .....	2002.. 195 925 1997.. 201 014	
	Ohio .....	2002.. 620 562 1997.. 702 462	
	Pennsylvania .....	2002.. 52 925 1997.. 109 302	
	Texas .....	2002.. 388 688 1997.. 279 737	
	Wisconsin .....	2002.. 17 659 1997.. 27 810	
	311421G	Canned jams, jellies, and preserves	
		United States .....	2002.. 969 550 1997.. 1 007 148
		California .....	2002.. 246 628 1997.. 184 445

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
311421G	Canned jams, jellies, and preserves—Con.	
	Illinois .....	2002.. 59 539
		1997.. 17 367
	New York .....	2002.. 132 076
		1997.. 148 922
Oregon .....	2002.. 30 356	
	1997.. 19 720	
311421J	Canned fruit juices, nectars, and concentrates	
	United States .....	2002.. 3 283 334
		1997.. 2 915 653
	California .....	2002.. 496 935
		1997.. 296 526
	Florida .....	2002.. 1 673 673
		1997.. 1 414 387
	Illinois .....	2002.. 3 951
		1997.. N
	Michigan .....	2002.. 71 833
		1997.. 57 689
	Ohio .....	2002.. 7 554
		1997.. 25 801
	Washington .....	2002.. 112 062
	1997.. 244 710	
Wisconsin .....	2002.. 36 439	
	1997.. 26 526	
311421M	Fresh fruit juices and nectars	
	United States .....	2002.. 1 741 920
		1997.. 1 416 120
	California .....	2002.. 260 506
		1997.. 231 038
	Florida .....	2002.. 368 273
		1997.. 432 847
	Indiana .....	2002.. 12 446
		1997.. 13 419
	Iowa .....	2002.. 12 063
		1997.. 8 587
	Kentucky .....	2002.. 16 844
		1997.. 16 869
	Louisiana .....	2002.. 18 968
		1997.. 10 659
	Michigan .....	2002.. 21 283
		1997.. 32 211
	Missouri .....	2002.. 13 372
		1997.. N
	North Carolina .....	2002.. 23 728
	1997.. 10 794	
Ohio .....	2002.. 16 371	
	1997.. 25 192	
Texas .....	2002.. 20 807	
	1997.. 28 271	
Wisconsin .....	2002.. 73 349	
	1997.. N	
311421P	Pickles and other pickled products	
	United States .....	2002.. 1 475 140
		1997.. 1 232 949
	Michigan .....	2002.. 205 728
		1997.. 316 578
	New York .....	2002.. 25 186
		1997.. 29 041
	Ohio .....	2002.. 41 869
		1997.. 9 845
	Texas .....	2002.. 67 033
		1997.. 32 240
Wisconsin .....	2002.. 103 102	
	1997.. 72 572	
3114221	Canned baby foods, except cereal and biscuits	
	United States .....	2002.. 560 251
	1997.. 929 732	
3114224	Canned soups and stews, except frozen and seafood	
	United States .....	2002.. 3 316 050
		1997.. 2 684 750
Minnesota .....	2002.. 14 918	
	1997.. N	
3114227	Canned dry beans	
	United States .....	2002.. 1 175 484
	1997.. 1 052 447	
311422B	Other canned specialties and nationality foods	
	United States .....	2002.. 776 119
	1997.. N	
3114231	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon	
	United States .....	2002.. 1 077 242
		1997.. 718 921
	California .....	2002.. 838 969
	1997.. 341 559	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3114235	Dried and dehydrated fruits and vegetables, including freeze-dried	
	United States .....	2002.. 2 533 441
	California .....	1997.. N
	Colorado .....	2002.. 1 164 389
	Washington .....	1997.. N
3114237	Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen	
	United States .....	2002.. 129 457
	California .....	1997.. N
	Colorado .....	2002.. 7 664
	Washington .....	1997.. N
3114238	Other purchased products packaged with dried and dehydrated ingredients mitse	
	United States .....	2002.. 394 989
	California .....	1997.. N
3115111	Fluid milk and cream, bulk sales	
	United States .....	2002.. 3 715 643
	California .....	1997.. 3 115 437
	Illinois .....	2002.. 763 968
	Indiana .....	1997.. 865 205
	Iowa .....	2002.. 60 257
	Michigan .....	1997.. 50 253
	Minnesota .....	2002.. 109 713
	Missouri .....	1997.. 36 125
	Nebraska .....	2002.. 138 366
	New Jersey .....	1997.. 156 703
	New York .....	2002.. 76 661
	Ohio .....	1997.. 65 395
	Oregon .....	2002.. 452 552
	Pennsylvania .....	1997.. 277 806
	Tennessee .....	2002.. 75 920
	Utah .....	1997.. 26 684
	Virginia .....	2002.. 14 684
	Washington .....	1997.. N
	Wisconsin .....	2002.. 88 612
	Wisconsin .....	1997.. 61 049
	Wisconsin .....	2002.. 123 491
	Wisconsin .....	1997.. 67 939
	Wisconsin .....	2002.. 134 583
	Wisconsin .....	1997.. 87 708
	Wisconsin .....	2002.. 70 467
	Wisconsin .....	1997.. 92 542
Wisconsin .....	2002.. 241 120	
Wisconsin .....	1997.. 220 252	
Wisconsin .....	2002.. 19 430	
Wisconsin .....	1997.. 35 063	
Wisconsin .....	2002.. 9 926	
Wisconsin .....	1997.. 23 081	
Wisconsin .....	2002.. 72 336	
Wisconsin .....	1997.. 58 066	
Wisconsin .....	2002.. 38 160	
Wisconsin .....	1997.. 49 351	
Wisconsin .....	2002.. 421 324	
Wisconsin .....	1997.. 412 165	
3115115	Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T.	
	United States .....	2002.. 12 164 224
	Alabama .....	1997.. N
	Arizona .....	2002.. 301 136
	California .....	1997.. N
	Colorado .....	2002.. 197 488
	Florida .....	1997.. N
	Illinois .....	2002.. 1 496 355
	Indiana .....	1997.. N
	Iowa .....	2002.. 175 842
	Kentucky .....	1997.. N
	Louisiana .....	2002.. 455 698
	Maryland .....	1997.. N
	Michigan .....	2002.. 394 874
	Minnesota .....	1997.. N
	Missouri .....	2002.. 288 156
	Nebraska .....	1997.. N
	New Jersey .....	2002.. 232 161
	New York .....	1997.. N
	New York .....	2002.. 304 936
	New York .....	1997.. N
	New York .....	2002.. 240 072
	New York .....	1997.. N
	New York .....	2002.. 238 620
	New York .....	1997.. N
	New York .....	2002.. 513 545
	New York .....	1997.. N
New York .....	2002.. 272 703	
New York .....	1997.. N	
New York .....	2002.. 192 587	
New York .....	1997.. N	
New York .....	2002.. 85 829	
New York .....	1997.. N	
New York .....	2002.. 513 269	
New York .....	1997.. N	
New York .....	2002.. 726 030	
New York .....	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3115115	Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T.— Con.		
	North Carolina .....	2002.. 300 325 1997.. N	
	Ohio .....	2002.. 391 498 1997.. N	
	Oklahoma .....	2002.. 106 504 1997.. N	
	Oregon .....	2002.. 252 612 1997.. N	
	Pennsylvania .....	2002.. 679 420 1997.. N	
	South Carolina .....	2002.. 197 804 1997.. N	
	Tennessee .....	2002.. 362 161 1997.. N	
	Texas .....	2002.. 1 095 668 1997.. N	
	Virginia .....	2002.. 347 085 1997.. N	
	Washington .....	2002.. 182 013 1997.. N	
	Wisconsin .....	2002.. 242 266 1997.. N	
	3115117	Cottage cheese (including bakers', pot, and farmers' cheese) United States .....	2002.. 770 882 1997.. 720 202
		California .....	2002.. 34 821 1997.. 89 487
Colorado .....		2002.. 26 245 1997.. 16 334	
Illinois .....		2002.. 44 289 1997.. 59 077	
Indiana .....		2002.. 18 298 1997.. 14 362	
Iowa .....		2002.. 22 800 1997.. 18 175	
New York .....		2002.. 189 037 1997.. 181 297	
Ohio .....		2002.. 114 062 1997.. 36 699	
Texas .....		2002.. 31 853 1997.. 20 730	
Wisconsin .....		2002.. 30 161 1997.. 29 684	
311511A		Yogurt, except frozen United States .....	2002.. 2 162 718 1997.. 1 334 927
		California .....	2002.. 459 416 1997.. 206 532
		Iowa .....	2002.. 9 083 1997.. N
		New York .....	2002.. 111 899 1997.. 115 912
	Oregon .....	2002.. 28 181 1997.. 24 301	
	Virginia .....	2002.. 5 822 1997.. N	
	Wisconsin .....	2002.. 63 436 1997.. N	
	311511D	Perishable dairy product substitutes United States .....	2002.. 766 216 1997.. 477 766
		California .....	2002.. 206 873 1997.. 142 892
		New York .....	2002.. 21 765 1997.. N
North Carolina .....		2002.. 36 410 1997.. N	
Texas .....		2002.. 115 009 1997.. N	
311511G		Other packaged milk products United States .....	2002.. 1 436 658 1997.. 1 054 079
	California .....	2002.. 96 921 1997.. 74 773	
	Illinois .....	2002.. 26 900 1997.. 26 408	
	Iowa .....	2002.. 39 308 1997.. 56 696	
	Louisiana .....	2002.. 29 355 1997.. 23 417	
	Minnesota .....	2002.. 35 098 1997.. 25 450	
	Missouri .....	2002.. 28 761 1997.. 24 589	
	Nebraska .....	2002.. 16 276 1997.. N	
	New York .....	2002.. 63 813 1997.. 51 471	
	North Carolina .....	2002.. 36 510 1997.. 32 239	
	Oregon .....	2002.. 17 537 1997.. 10 804	
	Pennsylvania .....	2002.. 70 510 1997.. 41 152	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
311511G	Other packaged milk products—Con.	
	Tennessee .....	2002 .. 46 989
	.....	1997 .. 61 158
	Texas .....	2002 .. 182 175
	.....	1997 .. 62 991
Utah .....	2002 .. 26 164	
	.....	1997 .. 11 462
3115120	Creamery butter manufacturing	
	United States .....	2002 .. 1 996 863
	.....	1997 .. 1 636 080
	California .....	2002 .. 499 895
	.....	1997 .. N
	Oregon .....	2002 .. 51 469
	.....	1997 .. N
	Pennsylvania .....	2002 .. 102 826
.....	1997 .. N	
Wisconsin .....	2002 .. 633 429	
	.....	1997 .. N
3115131	Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried, etc.), except cottage cheese	
	United States .....	2002 .. 13 719 763
	.....	1997 .. 13 102 105
	California .....	2002 .. 2 173 462
	.....	1997 .. 1 580 680
	Minnesota .....	2002 .. 934 086
	.....	1997 .. 1 048 705
	New Jersey .....	2002 .. 108 533
	.....	1997 .. 214 354
	Ohio .....	2002 .. 249 300
.....	1997 .. 222 138	
Wisconsin .....	2002 .. 4 467 729	
	.....	1997 .. 4 295 948
3115134	Process cheese and related products	
	United States .....	2002 .. 5 158 468
	.....	1997 .. 4 325 684
	Illinois .....	2002 .. 417 586
	.....	1997 .. N
	Pennsylvania .....	2002 .. 363 946
.....	1997 .. N	
Wisconsin .....	2002 .. 1 732 296	
	.....	1997 .. 1 347 524
3115137	Cheese substitutes and imitations	
	United States .....	2002 .. 489 267
	.....	1997 .. 345 514
Wisconsin .....	2002 .. 215 047	
	.....	1997 .. 114 823
311513A	Raw liquid whey	
	United States .....	2002 .. 118 285
	.....	1997 .. 113 249
Wisconsin .....	2002 .. 16 854	
	.....	1997 .. 36 650
3115141	Dry milk products and mixtures	
	United States .....	2002 .. 4 191 750
	.....	1997 .. 3 538 811
	California .....	2002 .. 794 245
	.....	1997 .. 665 172
	Iowa .....	2002 .. 151 086
	.....	1997 .. 296 767
	Michigan .....	2002 .. 999 758
	.....	1997 .. 499 327
	Minnesota .....	2002 .. 366 362
	.....	1997 .. 194 828
	New York .....	2002 .. 87 190
	.....	1997 .. 98 190
	Oregon .....	2002 .. 37 348
	.....	1997 .. N
South Dakota .....	2002 .. 50 006	
.....	1997 .. 33 624	
Utah .....	2002 .. 6 330	
.....	1997 .. 61 154	
Wisconsin .....	2002 .. 452 536	
	.....	1997 .. 473 036
3115145	Milk products, shipped in consumer-type cans, except substitutes	
	United States .....	2002 .. 2 117 680
	.....	1997 .. N
	California .....	2002 .. 164 457
	.....	1997 .. N
	New York .....	2002 .. 75 780
	.....	1997 .. N
	Ohio .....	2002 .. 291 090
	.....	1997 .. N
	Pennsylvania .....	2002 .. 82 574
.....	1997 .. N	
3115147	Concentrated milk products, shipped in bulk (barrels, drums, and tanks)	
	United States .....	2002 .. 558 277
	.....	1997 .. 747 841
	California .....	2002 .. 19 575
.....	1997 .. 79 723	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3115147	Concentrated milk products, shipped in bulk (barrels, drums, and tanks)—Con.	
	Pennsylvania ..... 2002 ..	33 355
	..... 1997 ..	17 903
	Wisconsin ..... 2002 ..	165 279
	..... 1997 ..	144 561
311514A	Ice cream mixes and related products	
	United States ..... 2002 ..	871 351
	..... 1997 ..	876 668
	California ..... 2002 ..	102 829
	..... 1997 ..	60 899
	Idaho ..... 2002 ..	12 208
	..... 1997 ..	8 911
	Missouri ..... 2002 ..	2 601
	..... 1997 ..	15 005
	New York ..... 2002 ..	37 434
	..... 1997 ..	19 948
	Pennsylvania ..... 2002 ..	50 657
	..... 1997 ..	32 609
	Utah ..... 2002 ..	11 548
	..... 1997 ..	19 082
311514D	Dairy product substitutes	
	United States ..... 2002 ..	1 874 117
	..... 1997 ..	1 899 881
	California ..... 2002 ..	129 140
	..... 1997 ..	60 627
	Michigan ..... 2002 ..	283 475
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	161 807
	..... 1997 ..	73 603
3115200	Ice cream and frozen dessert manufacturing	
	United States ..... 2002 ..	7 780 585
	..... 1997 ..	5 758 731
	Alabama ..... 2002 ..	96 493
	..... 1997 ..	N
	California ..... 2002 ..	1 260 900
	..... 1997 ..	N
	Colorado ..... 2002 ..	77 785
	..... 1997 ..	N
	Connecticut ..... 2002 ..	97 290
	..... 1997 ..	N
	Florida ..... 2002 ..	204 073
	..... 1997 ..	N
	Hawaii ..... 2002 ..	17 839
	..... 1997 ..	N
	Idaho ..... 2002 ..	21 272
	..... 1997 ..	N
	Illinois ..... 2002 ..	456 873
	..... 1997 ..	N
	Indiana ..... 2002 ..	801 069
	..... 1997 ..	N
	Maryland ..... 2002 ..	413 125
	..... 1997 ..	N
	Massachusetts ..... 2002 ..	467 637
	..... 1997 ..	N
	Michigan ..... 2002 ..	132 307
	..... 1997 ..	N
	Missouri ..... 2002 ..	265 700
	..... 1997 ..	N
	New Jersey ..... 2002 ..	54 075
	..... 1997 ..	N
	New York ..... 2002 ..	127 413
	..... 1997 ..	N
	North Carolina ..... 2002 ..	111 217
	..... 1997 ..	N
	Ohio ..... 2002 ..	195 571
	..... 1997 ..	N
	Oklahoma ..... 2002 ..	80 983
	..... 1997 ..	N
	Oregon ..... 2002 ..	124 971
	..... 1997 ..	N
	Pennsylvania ..... 2002 ..	385 935
	..... 1997 ..	N
	Rhode Island ..... 2002 ..	5 892
	..... 1997 ..	N
	Texas ..... 2002 ..	590 442
	..... 1997 ..	N
	Utah ..... 2002 ..	93 225
	..... 1997 ..	N
	Virginia ..... 2002 ..	2 578
	..... 1997 ..	N
	Washington ..... 2002 ..	89 368
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	55 974
	..... 1997 ..	N
3116111	Beef, not canned or made into sausage, made in slaughtering plants	
	United States ..... 2002 ..	32 121 801
	..... 1997 ..	28 133 566
	California ..... 2002 ..	531 025
	..... 1997 ..	814 273
	Florida ..... 2002 ..	83 321
	..... 1997 ..	47 626
	Idaho ..... 2002 ..	711 238
	..... 1997 ..	512 477
	Illinois ..... 2002 ..	1 279 053
	..... 1997 ..	934 066

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3116111	Beef, not canned or made into sausage, made in slaughtering plants—Con.	
	Kansas ..... 2002 ..	6 518 236
	..... 1997 ..	5 864 883
	Massachusetts ..... 2002 ..	21 734
	..... 1997 ..	N
	Minnesota ..... 2002 ..	546 161
	..... 1997 ..	631 768
	Nebraska ..... 2002 ..	7 710 602
	..... 1997 ..	5 831 988
	New Jersey ..... 2002 ..	15 192
	..... 1997 ..	5 533
	New York ..... 2002 ..	134 619
	..... 1997 ..	12 501
	North Carolina ..... 2002 ..	243 624
	..... 1997 ..	110 236
	Ohio ..... 2002 ..	42 654
	..... 1997 ..	20 294
Oklahoma ..... 2002 ..	5 090	
..... 1997 ..	7 793	
Tennessee ..... 2002 ..	51 867	
..... 1997 ..	110 144	
Texas ..... 2002 ..	5 333 092	
..... 1997 ..	5 008 782	
Washington ..... 2002 ..	787 554	
..... 1997 ..	742 990	
Wisconsin ..... 2002 ..	1 582 947	
..... 1997 ..	1 388 896	
3116114	Veal, not canned or made into sausage, made in slaughtering plants	
	United States ..... 2002 ..	476 889
	..... 1997 ..	355 320
3116117	Pennsylvania ..... 2002 ..	79 548
	..... 1997 ..	N
3116117	Lamb and mutton, not canned or made into sausage, made in slaughtering plants	
	United States ..... 2002 ..	281 392
311611A	..... 1997 ..	375 767
	Pork, not canned or made into sausage, made in slaughtering plants	
311611A	United States ..... 2002 ..	12 140 264
	..... 1997 ..	11 806 893
	California ..... 2002 ..	253 926
	..... 1997 ..	171 161
	Illinois ..... 2002 ..	1 053 213
	..... 1997 ..	1 107 322
	Iowa ..... 2002 ..	3 891 151
	..... 1997 ..	3 893 462
	Kansas ..... 2002 ..	22 078
	..... 1997 ..	48 823
	Nebraska ..... 2002 ..	952 240
	..... 1997 ..	896 109
	Texas ..... 2002 ..	13 207
	..... 1997 ..	4 092
311611D	Lard, made in slaughtering plants	
	United States ..... 2002 ..	43 679
..... 1997 ..	D	
311611G	Pork, processed or cured, not canned or made into sausage, made in slaughtering plants	
	United States ..... 2002 ..	2 253 712
	..... 1997 ..	2 972 828
	Illinois ..... 2002 ..	244 859
	..... 1997 ..	N
	Indiana ..... 2002 ..	46 306
	..... 1997 ..	N
	Iowa ..... 2002 ..	379 382
	..... 1997 ..	N
	Nebraska ..... 2002 ..	212 869
	..... 1997 ..	197 339
	New York ..... 2002 ..	31 087
	..... 1997 ..	N
	North Carolina ..... 2002 ..	98 459
	..... 1997 ..	N
Ohio ..... 2002 ..	31 302	
..... 1997 ..	N	
Pennsylvania ..... 2002 ..	157 194	
..... 1997 ..	N	
311611J	Sausage and similar products, except canned, made in slaughtering plants	
	United States ..... 2002 ..	2 006 968
	..... 1997 ..	1 997 959
	Georgia ..... 2002 ..	4 653
	..... 1997 ..	N
311611M	Illinois ..... 2002 ..	121 833
	..... 1997 ..	N
311611M	Canned meats (except dog, cat, and baby food), made in slaughtering plants	
	United States ..... 2002 ..	169 049
..... 1997 ..	D	
311611P	Hides, skins, and pelts, made in slaughtering plants	
	United States ..... 2002 ..	1 950 652
	..... 1997 ..	2 065 175
	Colorado ..... 2002 ..	160 375
..... 1997 ..	N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
311611P	Hides, skins, and pelts, made in slaughtering plants—Con.	
	Illinois .....	2002 .. 57 957
	.....	1997 .. 27 396
	Iowa .....	2002 .. 4 430
	.....	1997 .. 61 496
	Kansas .....	2002 .. 422 331
	.....	1997 .. 468 253
	Minnesota .....	2002 .. 14 000
	.....	1997 .. 98 446
	Nebraska .....	2002 .. 488 175
	.....	1997 .. 450 685
	Pennsylvania .....	2002 .. 42 236
	.....	1997 .. 77 157
Texas .....	2002 .. 274 358	
.....	1997 .. 315 220	
Washington .....	2002 .. 58 498	
.....	1997 .. 48 251	
Wisconsin .....	2002 .. 100 411	
.....	1997 .. 155 148	
311611R	Miscellaneous byproducts of slaughtering plants	
	United States .....	2002 .. 957 648
	.....	1997 .. N
	California .....	2002 .. 8 488
	.....	1997 .. N
	Colorado .....	2002 .. 77 931
	.....	1997 .. N
	Illinois .....	2002 .. 65 357
	.....	1997 .. N
	Iowa .....	2002 .. 109 956
	.....	1997 .. N
	Kansas .....	2002 .. 48 930
	.....	1997 .. N
	Michigan .....	2002 .. 91 325
	.....	1997 .. N
	Ohio .....	2002 .. 4 243
	.....	1997 .. N
Pennsylvania .....	2002 .. 30 456	
.....	1997 .. N	
South Dakota .....	2002 .. 19 673	
.....	1997 .. N	
Texas .....	2002 .. 80 771	
.....	1997 .. N	
Wisconsin .....	2002 .. 87 400	
.....	1997 .. N	
3116121	Pork, processed or cured, not canned or made into sausage, made from purchased carcasses	
	United States .....	2002 .. 5 228 805
	.....	1997 .. 4 865 074
	Alabama .....	2002 .. 55 655
	.....	1997 .. 22 589
	Connecticut .....	2002 .. 2 939
	.....	1997 .. 9 381
	Florida .....	2002 .. 166 439
	.....	1997 .. 117 388
	Georgia .....	2002 .. 93 237
	.....	1997 .. 66 615
	Kansas .....	2002 .. 349 299
	.....	1997 .. 266 679
	Michigan .....	2002 .. 27 225
	.....	1997 .. 30 425
	Missouri .....	2002 .. 195 996
	.....	1997 .. 251 850
	Nebraska .....	2002 .. 454 237
	.....	1997 .. 313 264
	New York .....	2002 .. 156 050
	.....	1997 .. 148 695
	North Carolina .....	2002 .. 293 702
	.....	1997 .. 236 588
	Ohio .....	2002 .. 546 667
	.....	1997 .. 749 748
	Oklahoma .....	2002 .. 249 385
	.....	1997 .. N
Pennsylvania .....	2002 .. 127 102	
.....	1997 .. 140 545	
Tennessee .....	2002 .. 52 234	
.....	1997 .. 50 209	
Virginia .....	2002 .. 130 216	
.....	1997 .. 155 020	
Wisconsin .....	2002 .. 294 894	
.....	1997 .. 333 929	
3116124	Sausage and similar products, except canned, made from purchased carcasses	
	United States .....	2002 .. 6 308 001
	.....	1997 .. 6 094 246
	California .....	2002 .. 413 479
	.....	1997 .. 296 917
	Connecticut .....	2002 .. 18 833
	.....	1997 .. 17 577
	Illinois .....	2002 .. 642 618
	.....	1997 .. 608 504
	Iowa .....	2002 .. 499 157
	.....	1997 .. 462 450
	Michigan .....	2002 .. 249 385
	.....	1997 .. 206 078
	New Jersey .....	2002 .. 141 005
	.....	1997 .. 92 788
Oklahoma .....	2002 .. 198 695	
.....	1997 .. 99 929	
Oregon .....	2002 .. 89 562	
.....	1997 .. 60 137	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3116124	Sausage and similar products, except canned, made from purchased carcasses—Con.	
	Pennsylvania .....	2002 .. 217 145
	.....	1997 .. 354 505
	Texas .....	2002 .. 432 020
	.....	1997 .. 729 375
	Washington .....	2002 .. 161 210
.....	1997 .. 42 008	
Wisconsin .....	2002 .. 975 947	
.....	1997 .. 1 008 572	
3116127	Canned meats (except dog, cat, and baby food), made from purchased carcasses	
	United States .....	2002 .. 1 148 081
	.....	1997 .. 1 142 179
Minnesota .....	2002 .. 180 643	
.....	1997 .. N	
311612A	Other processed, frozen, or cooked meats, made from purchased carcasses	
	United States .....	2002 .. 10 317 236
	.....	1997 .. 7 713 136
	California .....	2002 .. 856 466
	.....	1997 .. 415 911
	Connecticut .....	2002 .. 89 525
	.....	1997 .. N
	Georgia .....	2002 .. 681 708
	.....	1997 .. 205 188
	Illinois .....	2002 .. 909 119
	.....	1997 .. 759 481
	Indiana .....	2002 .. 144 444
	.....	1997 .. 55 008
	Iowa .....	2002 .. 701 307
	.....	1997 .. 534 500
	Kentucky .....	2002 .. 87 622
	.....	1997 .. 34 052
	Louisiana .....	2002 .. 93 116
	.....	1997 .. N
	Massachusetts .....	2002 .. 149 791
	.....	1997 .. 38 893
	Missouri .....	2002 .. 101 749
	.....	1997 .. 135 025
	Nebraska .....	2002 .. 1 182 791
	.....	1997 .. 216 774
	New Jersey .....	2002 .. 234 092
	.....	1997 .. 101 667
	New York .....	2002 .. 245 782
	.....	1997 .. 677 890
	Ohio .....	2002 .. 397 976
	.....	1997 .. 329 904
	Oklahoma .....	2002 .. 305 205
	.....	1997 .. N
Pennsylvania .....	2002 .. 647 700	
.....	1997 .. 635 674	
Texas .....	2002 .. 881 797	
.....	1997 .. 757 252	
Utah .....	2002 .. 133 146	
.....	1997 .. N	
3116131	Lard and other greases, except wool grease	
	United States .....	2002 .. 878 762
	.....	1997 .. 1 207 143
	California .....	2002 .. 70 670
	.....	1997 .. 77 535
	Georgia .....	2002 .. 14 011
	.....	1997 .. 25 941
	Idaho .....	2002 .. 11 389
	.....	1997 .. 14 253
	Illinois .....	2002 .. 37 163
	.....	1997 .. 61 167
	Indiana .....	2002 .. 19 271
	.....	1997 .. 35 195
	Iowa .....	2002 .. 62 139
	.....	1997 .. 78 129
	Kansas .....	2002 .. 98 697
	.....	1997 .. 120 815
	Minnesota .....	2002 .. 22 814
	.....	1997 .. 49 460
	Nebraska .....	2002 .. 106 367
	.....	1997 .. 108 348
	Ohio .....	2002 .. 11 958
	.....	1997 .. 28 149
Oklahoma .....	2002 .. 28 265	
.....	1997 .. 19 338	
Pennsylvania .....	2002 .. 38 004	
.....	1997 .. 30 295	
Texas .....	2002 .. 76 905	
.....	1997 .. 114 073	
Washington .....	2002 .. 14 927	
.....	1997 .. 17 552	
Wisconsin .....	2002 .. 33 027	
.....	1997 .. 50 525	
3116135	Animal and marine feed and fertilizer byproducts	
	United States .....	2002 .. 1 863 465
	.....	1997 .. N
	California .....	2002 .. 80 423
	.....	1997 .. N
	Colorado .....	2002 .. 20 940
.....	1997 .. N	
Georgia .....	2002 .. 158 975	
.....	1997 .. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3116135	Animal and marine feed and fertilizer byproducts—Con.	
	Idaho .....	2002 .. 11 010
	.....	1997 .. N
	Illinois .....	2002 .. 103 862
	.....	1997 .. N
	Indiana .....	2002 .. 52 839
	.....	1997 .. N
	Iowa .....	2002 .. 143 239
	.....	1997 .. N
	Kansas .....	2002 .. 96 862
	.....	1997 .. N
	Minnesota .....	2002 .. 67 358
	.....	1997 .. N
	Missouri .....	2002 .. 47 538
	.....	1997 .. N
	Nebraska .....	2002 .. 152 412
	.....	1997 .. N
	Ohio .....	2002 .. 10 800
.....	1997 .. N	
Oklahoma .....	2002 .. 43 148	
.....	1997 .. N	
Pennsylvania .....	2002 .. 50 458	
.....	1997 .. N	
South Carolina .....	2002 .. 20 549	
.....	1997 .. N	
Texas .....	2002 .. 128 623	
.....	1997 .. N	
Washington .....	2002 .. 11 382	
.....	1997 .. N	
Wisconsin .....	2002 .. 28 391	
.....	1997 .. N	
3116151	Young chickens (usually under 20 weeks of age), including bulk, chilled, frozen, whole, and parts	
	United States .....	2002 .. 23 817 348
	.....	1997 .. 16 780 364
	Alabama .....	2002 .. 2 326 196
	.....	1997 .. 1 895 902
	Arkansas .....	2002 .. 3 672 227
	.....	1997 .. 2 264 283
	California .....	2002 .. 489 474
	.....	1997 .. 604 901
	Georgia .....	2002 .. 2 613 746
	.....	1997 .. 2 737 838
	Kentucky .....	2002 .. 566 300
	.....	1997 .. 262 446
	Maryland .....	2002 .. 391 800
	.....	1997 .. 425 918
	Mississippi .....	2002 .. 2 242 420
	.....	1997 .. 1 024 894
	North Carolina .....	2002 .. 2 329 874
.....	1997 .. 1 581 582	
Pennsylvania .....	2002 .. 370 040	
.....	1997 .. 299 904	
South Carolina .....	2002 .. 489 632	
.....	1997 .. 196 341	
Texas .....	2002 .. 2 794 211	
.....	1997 .. N	
Virginia .....	2002 .. 1 363 347	
.....	1997 .. 852 335	
3116154	Hens and fowl, including frozen, whole, and parts	
	United States .....	2002 .. 281 293
.....	1997 .. 317 900	
3116157	Turkeys, including frozen, whole, and parts	
	United States .....	2002 .. 3 619 753
	.....	1997 .. 3 794 162
	Arkansas .....	2002 .. 581 509
	.....	1997 .. N
	California .....	2002 .. 116 631
	.....	1997 .. 365 159
	North Carolina .....	2002 .. 452 977
	.....	1997 .. 624 440
	Ohio .....	2002 .. 108 068
.....	1997 .. N	
Virginia .....	2002 .. 544 233	
.....	1997 .. N	
311615A	Other poultry and small game, including frozen, whole, and parts	
	United States .....	2002 .. 216 549
.....	1997 .. 68 672	
311615D	Processed poultry and small game (except soups), containing 20 percent or more poultry or meat	
	United States .....	2002 .. 8 735 931
	.....	1997 .. 9 148 518
	Arkansas .....	2002 .. 1 676 447
	.....	1997 .. 1 679 706
	California .....	2002 .. 371 697
	.....	1997 .. 274 776
	Iowa .....	2002 .. 169 005
	.....	1997 .. 268 068
	Maryland .....	2002 .. 109 196
	.....	1997 .. N
	Michigan .....	2002 .. 252 288
.....	1997 .. N	
Missouri .....	2002 .. 598 591	
.....	1997 .. 722 380	
Nebraska .....	2002 .. 28 549	
.....	1997 .. 30 354	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
311615D	Processed poultry and small game (except soups), containing 20 percent or more poultry or meat—Con.	
	New Jersey .....	2002 .. 151 845
	.....	1997 .. 95 905
	New York .....	2002 .. 26 182
	.....	1997 .. 49 639
	North Carolina .....	2002 .. 563 804
	.....	1997 .. 501 945
	Oregon .....	2002 .. 5 157
	.....	1997 .. N
	Pennsylvania .....	2002 .. 352 960
.....	1997 .. 301 758	
Texas .....	2002 .. 138 093	
.....	1997 .. 310 075	
3117110	Seafood canning	
	United States .....	2002 .. 1 369 256
	.....	1997 .. 1 044 636
	Alaska .....	2002 .. 232 590
	.....	1997 .. N
	California .....	2002 .. 359 447
	.....	1997 .. N
	Illinois .....	2002 .. 33 196
	.....	1997 .. N
	Maine .....	2002 .. 23 215
	.....	1997 .. N
	Massachusetts .....	2002 .. 45 828
	.....	1997 .. N
	Michigan .....	2002 .. 3 230
.....	1997 .. N	
New Jersey .....	2002 .. 102 097	
.....	1997 .. N	
Oregon .....	2002 .. 3 863	
.....	1997 .. N	
Pennsylvania .....	2002 .. 10 336	
.....	1997 .. N	
Washington .....	2002 .. 181 966	
.....	1997 .. N	
3117121	Prepared fresh fish and other fresh seafood	
	United States .....	2002 .. 1 248 061
	.....	1997 .. 953 350
	Alabama .....	2002 .. 27 916
	.....	1997 .. 14 453
	Alaska .....	2002 .. 68 853
	.....	1997 .. 109 330
	Arkansas .....	2002 .. 26 884
	.....	1997 .. 29 642
	California .....	2002 .. 107 691
	.....	1997 .. 60 736
	Massachusetts .....	2002 .. 174 135
	.....	1997 .. 71 974
	Mississippi .....	2002 .. 213 653
	.....	1997 .. 168 247
	North Carolina .....	2002 .. 27 620
	.....	1997 .. 31 450
	Texas .....	2002 .. 12 531
.....	1997 .. 15 573	
Virginia .....	2002 .. 33 518	
.....	1997 .. 34 589	
Washington .....	2002 .. 231 367	
.....	1997 .. 146 061	
3117122	Prepared frozen fish	
	United States .....	2002 .. 2 512 965
	.....	1997 .. 1 807 733
	Alaska .....	2002 .. 439 109
	.....	1997 .. 426 781
	California .....	2002 .. 118 993
	.....	1997 .. 85 697
	Florida .....	2002 .. 23 746
	.....	1997 .. 8 258
	Massachusetts .....	2002 .. 423 896
	.....	1997 .. 426 531
Mississippi .....	2002 .. 192 499	
.....	1997 .. 116 675	
Washington .....	2002 .. 531 959	
.....	1997 .. 291 537	
3117123	Prepared frozen shellfish	
	United States .....	2002 .. 1 679 782
	.....	1997 .. 1 461 943
	Alaska .....	2002 .. 194 106
	.....	1997 .. 140 518
	California .....	2002 .. 165 860
	.....	1997 .. 197 948
	Florida .....	2002 .. 564 429
	.....	1997 .. 314 293
	Louisiana .....	2002 .. 110 757
	.....	1997 .. 99 910
	Maine .....	2002 .. 25 027
	.....	1997 .. 3 130
	Maryland .....	2002 .. 39 359
.....	1997 .. 31 177	
Massachusetts .....	2002 .. 166 459	
.....	1997 .. 52 503	
North Carolina .....	2002 .. 7 712	
.....	1997 .. 12 777	
Virginia .....	2002 .. 53 870	
.....	1997 .. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3117123	Prepared frozen shellfish—Con.	
	Washington .....	2002.. 116 632
		1997.. 160 532
3117124	Other prepared fresh and frozen seafood	
	United States .....	2002.. 879 583
		1997.. 657 271
	Alaska .....	2002.. 191 122
		1997.. 158 700
	California .....	2002.. 51 006
		1997.. 18 340
	Massachusetts .....	2002.. 4 043
		1997.. N
	Washington .....	2002.. 185 108
		1997.. 162 113
3118110	Retail bakery products	
	United States .....	2002.. 2 396 390
		1997.. 1 913 718
	Alabama .....	2002.. 9 205
		1997.. N
	Arizona .....	2002.. 17 818
		1997.. N
	Arkansas .....	2002.. 30 100
		1997.. N
	California .....	2002.. 461 112
		1997.. N
	Colorado .....	2002.. 24 912
		1997.. N
	Connecticut .....	2002.. 50 488
		1997.. N
	Delaware .....	2002.. 6 568
		1997.. N
	District of Columbia .....	2002.. 6 371
		1997.. N
	Florida .....	2002.. 75 249
		1997.. N
	Georgia .....	2002.. 29 521
		1997.. N
	Hawaii .....	2002.. 24 803
		1997.. N
	Idaho .....	2002.. 7 874
		1997.. N
	Illinois .....	2002.. 133 028
		1997.. N
	Indiana .....	2002.. 36 157
		1997.. N
	Iowa .....	2002.. 16 100
		1997.. N
	Kansas .....	2002.. 8 282
		1997.. N
	Kentucky .....	2002.. 18 156
		1997.. N
	Louisiana .....	2002.. 23 001
		1997.. N
	Maine .....	2002.. 12 131
		1997.. N
	Maryland .....	2002.. 45 898
		1997.. N
	Massachusetts .....	2002.. 89 940
		1997.. N
	Michigan .....	2002.. 84 965
		1997.. N
	Minnesota .....	2002.. 53 124
		1997.. N
	Mississippi .....	2002.. 6 630
		1997.. N
	Missouri .....	2002.. 30 116
		1997.. N
	Montana .....	2002.. 5 306
		1997.. N
	Nebraska .....	2002.. 10 221
		1997.. N
	Nevada .....	2002.. 26 372
		1997.. N
	New Hampshire .....	2002.. 7 529
		1997.. N
	New Jersey .....	2002.. 137 713
		1997.. N
	New Mexico .....	2002.. 14 302
		1997.. N
	New York .....	2002.. 257 437
		1997.. N
	North Carolina .....	2002.. 30 291
		1997.. N
	North Dakota .....	2002.. 3 908
		1997.. N
	Ohio .....	2002.. 85 806
		1997.. N
	Oklahoma .....	2002.. 8 035
		1997.. N
	Oregon .....	2002.. 20 159
		1997.. N
	Pennsylvania .....	2002.. 120 369
		1997.. N
	Rhode Island .....	2002.. 19 132
		1997.. N
	South Carolina .....	2002.. 10 237
		1997.. N
	South Dakota .....	2002.. 6 730
		1997.. N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3118110	Retail bakery products—Con.	
	Tennessee .....	2002.. 14 945
	.....	1997.. N
	Texas .....	2002.. 122 348
	.....	1997.. N
	Utah .....	2002.. 15 070
	.....	1997.. N
	Vermont .....	2002.. 5 230
	.....	1997.. N
	Virginia .....	2002.. 56 250
	.....	1997.. N
	Washington .....	2002.. 48 345
	.....	1997.. N
	West Virginia .....	2002.. 4 819
.....	1997.. N	
Wisconsin .....	2002.. 61 579	
.....	1997.. N	
3118121	Bread (white, wheat, rye, etc.), including frozen	
	United States .....	2002.. 7 978 287
	.....	1997.. 7 176 712
	Alabama .....	2002.. 159 918
	.....	1997.. 159 341
	Arizona .....	2002.. 75 221
	.....	1997.. 114 410
	Arkansas .....	2002.. 37 108
	.....	1997.. 30 803
	California .....	2002.. 1 183 520
	.....	1997.. 1 005 697
	Colorado .....	2002.. 69 881
	.....	1997.. 81 437
	Florida .....	2002.. 393 297
	.....	1997.. 326 560
	Georgia .....	2002.. 266 746
	.....	1997.. 123 832
	Hawaii .....	2002.. 22 886
	.....	1997.. 36 833
	Illinois .....	2002.. 287 258
	.....	1997.. 443 600
	Indiana .....	2002.. 245 772
	.....	1997.. 176 093
	Iowa .....	2002.. 85 765
	.....	1997.. 114 862
	Louisiana .....	2002.. 119 679
	.....	1997.. 92 200
	Massachusetts .....	2002.. 209 399
	.....	1997.. 221 709
	Michigan .....	2002.. 186 219
	.....	1997.. 201 377
	Minnesota .....	2002.. 123 170
	.....	1997.. 121 822
	Missouri .....	2002.. 187 126
	.....	1997.. 192 458
	Nevada .....	2002.. 14 049
	.....	1997.. 11 061
	New Jersey .....	2002.. 155 339
	.....	1997.. 55 444
	New York .....	2002.. 341 039
	.....	1997.. 361 476
	North Carolina .....	2002.. 456 411
	.....	1997.. 243 395
	Ohio .....	2002.. 419 675
	.....	1997.. 361 366
	Pennsylvania .....	2002.. 587 515
	.....	1997.. 471 308
	Rhode Island .....	2002.. 18 590
.....	1997.. 17 539	
South Carolina .....	2002.. 116 395	
.....	1997.. 90 439	
Tennessee .....	2002.. 175 821	
.....	1997.. 164 756	
Texas .....	2002.. 621 105	
.....	1997.. 427 202	
Virginia .....	2002.. 104 932	
.....	1997.. 102 750	
Washington .....	2002.. 162 131	
.....	1997.. 124 595	
West Virginia .....	2002.. 65 500	
.....	1997.. 95 459	
Wisconsin .....	2002.. 51 596	
.....	1997.. 141 156	
3118125	Rolls, bread-type (including muffins, bagels, and croissants)	
	United States .....	2002.. 5 807 574
	.....	1997.. N
	Alabama .....	2002.. 172 599
	.....	1997.. N
	Arizona .....	2002.. 75 621
	.....	1997.. N
	Arkansas .....	2002.. 162 169
	.....	1997.. N
	California .....	2002.. 616 633
	.....	1997.. N
	Colorado .....	2002.. 50 518
	.....	1997.. N
	Connecticut .....	2002.. 219 644
	.....	1997.. N
	Florida .....	2002.. 119 559
.....	1997.. N	
Georgia .....	2002.. 151 408	
.....	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3118125	Rolls, bread-type (including muffins, bagels, and croissants)—Con.	
	Hawaii ..... 2002 ..	15 161
	..... 1997 ..	N
	Illinois ..... 2002 ..	332 990
	..... 1997 ..	N
	Indiana ..... 2002 ..	168 644
	..... 1997 ..	N
	Maryland ..... 2002 ..	201 448
	..... 1997 ..	N
	Massachusetts ..... 2002 ..	113 167
	..... 1997 ..	N
	Michigan ..... 2002 ..	178 503
	..... 1997 ..	N
	Minnesota ..... 2002 ..	45 648
	..... 1997 ..	N
	Missouri ..... 2002 ..	100 902
	..... 1997 ..	N
	Nevada ..... 2002 ..	7 032
	..... 1997 ..	N
	New Jersey ..... 2002 ..	229 959
	..... 1997 ..	N
	North Carolina ..... 2002 ..	250 581
	..... 1997 ..	N
North Dakota ..... 2002 ..	16 301	
..... 1997 ..	N	
Ohio ..... 2002 ..	372 132	
..... 1997 ..	N	
Pennsylvania ..... 2002 ..	341 810	
..... 1997 ..	N	
Rhode Island ..... 2002 ..	20 462	
..... 1997 ..	N	
South Carolina ..... 2002 ..	88 040	
..... 1997 ..	N	
Texas ..... 2002 ..	297 856	
..... 1997 ..	N	
Vermont ..... 2002 ..	28 141	
..... 1997 ..	N	
Virginia ..... 2002 ..	48 192	
..... 1997 ..	N	
Washington ..... 2002 ..	142 005	
..... 1997 ..	N	
Wisconsin ..... 2002 ..	64 556	
..... 1997 ..	N	
3118127	Soft cakes, except frozen	
	United States ..... 2002 ..	2 376 948
	..... 1997 ..	2 270 619
	California ..... 2002 ..	331 164
	..... 1997 ..	161 986
	Georgia ..... 2002 ..	187 189
	..... 1997 ..	144 387
Hawaii ..... 2002 ..	2 069	
..... 1997 ..	2 159	
Pennsylvania ..... 2002 ..	173 069	
..... 1997 ..	198 963	
311812A	Pies (fruit, cream, and custard), except frozen	
	United States ..... 2002 ..	463 657
	..... 1997 ..	544 407
	California ..... 2002 ..	23 994
..... 1997 ..	61 427	
Pennsylvania ..... 2002 ..	46 588	
..... 1997 ..	77 322	
311812D	Other sweet goods, except frozen	
	United States ..... 2002 ..	2 269 524
	..... 1997 ..	2 046 923
	California ..... 2002 ..	371 606
	..... 1997 ..	202 320
	Florida ..... 2002 ..	54 440
	..... 1997 ..	35 861
	Hawaii ..... 2002 ..	5 711
	..... 1997 ..	5 327
	Illinois ..... 2002 ..	98 651
	..... 1997 ..	110 552
	Louisiana ..... 2002 ..	3 077
	..... 1997 ..	N
	Minnesota ..... 2002 ..	15 396
	..... 1997 ..	14 572
	New York ..... 2002 ..	263 362
..... 1997 ..	N	
Ohio ..... 2002 ..	83 487	
..... 1997 ..	38 287	
Pennsylvania ..... 2002 ..	126 688	
..... 1997 ..	225 583	
Tennessee ..... 2002 ..	46 381	
..... 1997 ..	54 303	
Utah ..... 2002 ..	17 307	
..... 1997 ..	N	
Wisconsin ..... 2002 ..	7 462	
..... 1997 ..	49 606	
3118130	Frozen bakery product manufacturing	
	United States ..... 2002 ..	3 859 917
	..... 1997 ..	2 600 710
	California ..... 2002 ..	617 519
	..... 1997 ..	N
Colorado ..... 2002 ..	14 429	
..... 1997 ..	N	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3118130	Frozen bakery product manufacturing—Con.	
	Connecticut ..... 2002 ..	24 852
	..... 1997 ..	N
	Florida ..... 2002 ..	32 352
	..... 1997 ..	N
	Georgia ..... 2002 ..	183 729
	..... 1997 ..	N
	Illinois ..... 2002 ..	87 878
	..... 1997 ..	N
	Indiana ..... 2002 ..	273 437
	..... 1997 ..	N
	Kansas ..... 2002 ..	11 745
	..... 1997 ..	N
	Maryland ..... 2002 ..	10 932
	..... 1997 ..	N
	Massachusetts ..... 2002 ..	74 629
	..... 1997 ..	N
	Michigan ..... 2002 ..	307 532
	..... 1997 ..	N
	Minnesota ..... 2002 ..	309 391
	..... 1997 ..	N
	Missouri ..... 2002 ..	98 281
	..... 1997 ..	N
Nebraska ..... 2002 ..	48 790	
..... 1997 ..	N	
New Jersey ..... 2002 ..	41 141	
..... 1997 ..	N	
New York ..... 2002 ..	113 962	
..... 1997 ..	N	
Ohio ..... 2002 ..	88 521	
..... 1997 ..	N	
Pennsylvania ..... 2002 ..	319 929	
..... 1997 ..	N	
Texas ..... 2002 ..	180 538	
..... 1997 ..	N	
Utah ..... 2002 ..	140 390	
..... 1997 ..	N	
Washington ..... 2002 ..	26 051	
..... 1997 ..	N	
Wisconsin ..... 2002 ..	19 996	
..... 1997 ..	N	
3118212	Crackers, biscuits, and related products	
	United States ..... 2002 ..	3 767 729
	..... 1997 ..	N
	Indiana ..... 2002 ..	57 564
	..... 1997 ..	N
New York ..... 2002 ..	42 617	
..... 1997 ..	N	
Ohio ..... 2002 ..	495 750	
..... 1997 ..	N	
3118214	Cookies, wafers, and ice cream cones and cups (except frozen)	
	United States ..... 2002 ..	4 971 593
	..... 1997 ..	4 610 958
	Indiana ..... 2002 ..	30 517
	..... 1997 ..	41 074
	New York ..... 2002 ..	160 753
	..... 1997 ..	174 554
	Ohio ..... 2002 ..	431 823
..... 1997 ..	394 479	
Oregon ..... 2002 ..	111 276	
..... 1997 ..	77 865	
Texas ..... 2002 ..	32 939	
..... 1997 ..	46 139	
3118220	Prepared flour mixes, including refrigerated and frozen doughs and batters, made from purchased flour	
	United States ..... 2002 ..	4 545 366
	..... 1997 ..	5 018 526
	California ..... 2002 ..	429 544
	..... 1997 ..	N
	Georgia ..... 2002 ..	189 547
	..... 1997 ..	N
	Illinois ..... 2002 ..	584 063
	..... 1997 ..	N
	Kentucky ..... 2002 ..	132 803
	..... 1997 ..	N
	Maryland ..... 2002 ..	7 443
	..... 1997 ..	N
	Massachusetts ..... 2002 ..	24 434
	..... 1997 ..	N
	Michigan ..... 2002 ..	137 885
	..... 1997 ..	N
	Minnesota ..... 2002 ..	58 484
	..... 1997 ..	N
	Missouri ..... 2002 ..	375 237
	..... 1997 ..	N
New Jersey ..... 2002 ..	182 123	
..... 1997 ..	N	
New York ..... 2002 ..	118 851	
..... 1997 ..	N	
North Carolina ..... 2002 ..	23 559	
..... 1997 ..	N	
North Dakota ..... 2002 ..	6 099	
..... 1997 ..	N	
Ohio ..... 2002 ..	184 479	
..... 1997 ..	N	
Oregon ..... 2002 ..	84 022	
..... 1997 ..	N	
Pennsylvania ..... 2002 ..	6 728	
..... 1997 ..	N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3118220	Prepared flour mixes, including refrigerated and frozen doughs and batters, made from purchased flour—Con.	
	Tennessee .....	2002 .. 236 450
	.....	1997 .. N
	Texas .....	2002 .. 551 991
	.....	1997 .. N
	Virginia .....	2002 .. 96 374
	.....	1997 .. N
3118230	Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen)	
	United States .....	2002 .. 1 629 159
	.....	1997 .. 1 627 289
	California .....	2002 .. 202 245
	.....	1997 .. N
	Colorado .....	2002 .. 9 740
	.....	1997 .. N
3118300	Tortillas, sold in bulk or packages, except frozen or canned	
	United States .....	2002 .. 1 373 649
	.....	1997 .. 961 273
	Arizona .....	2002 .. 48 058
	.....	1997 .. N
	California .....	2002 .. 500 839
	.....	1997 .. N
	Colorado .....	2002 .. 53 038
	.....	1997 .. N
	Georgia .....	2002 .. 109 629
	.....	1997 .. N
	Illinois .....	2002 .. 71 185
	.....	1997 .. N
	Kansas .....	2002 .. 19 164
	.....	1997 .. N
	Michigan .....	2002 .. 3 516
	.....	1997 .. N
	New Mexico .....	2002 .. 21 783
	.....	1997 .. N
	Ohio .....	2002 .. 3 410
.....	1997 .. N	
Oklahoma .....	2002 .. 2 390	
.....	1997 .. N	
Oregon .....	2002 .. 14 884	
.....	1997 .. N	
Texas .....	2002 .. 231 732	
.....	1997 .. N	
Utah .....	2002 .. 4 507	
.....	1997 .. N	
3119111	Nuts and seeds (salted, roasted, cooked, or blanched)	
	United States .....	2002 .. 3 812 389
	.....	1997 .. 2 814 998
	Georgia .....	2002 .. 588 291
	.....	1997 .. 339 993
3119114	Peanut butter	
	United States .....	2002 .. 992 486
	.....	1997 .. 847 176
3119191	Potato chips and sticks, plain and flavored	
	United States .....	2002 .. 4 878 075
	.....	1997 .. 4 036 503
	Indiana .....	2002 .. 315 233
	.....	1997 .. 262 592
Ohio .....	2002 .. 189 392	
.....	1997 .. 160 919	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3119191	Potato chips and sticks, plain and flavored—Con.	
	Pennsylvania .....	2002 .. 568 763
		1997 .. 421 465
3119194	Corn chips and related products	
	United States .....	2002 .. 5 616 568
		1997 .. 4 428 299
	California .....	2002 .. 767 259
		1997 .. 603 553
	Illinois .....	2002 .. 110 124
		1997 .. 110 528
	Minnesota .....	2002 .. 33 341
		1997 .. 30 038
	Ohio .....	2002 .. 208 976
		1997 .. 183 634
	Pennsylvania .....	2002 .. 391 307
		1997 .. 294 023
3119197	Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.), excluding crackers, soft pretzels, and nuts	
	United States .....	2002 .. 1 748 765
		1997 .. 1 166 889
	Ohio .....	2002 .. 99 933
		1997 .. 96 617
	Pennsylvania .....	2002 .. 308 326
		1997 .. 387 254
	Wisconsin .....	2002 .. 20 558
		1997 .. N
3119201	Roasted coffee	
	United States .....	2002 .. 3 592 114
		1997 .. 5 564 573
	California .....	2002 .. 462 568
		1997 .. 559 365
	Colorado .....	2002 .. 3 701
		1997 .. N
	New York .....	2002 .. 103 255
		1997 .. 186 513
3119205	Coffee, concentrated (freeze-dried, spray-dried, frozen or liquid concentrated, mixtures, etc.), including coffee substitutes	
	United States .....	2002 .. 590 034
		1997 .. N
3119207	Tea, consumer packages	
	United States .....	2002 .. 853 994
		1997 .. 779 886
3119301	Liquid beverage bases, excluding use by soft drink bottlers	
	United States .....	2002 .. 313 891
		1997 .. 243 083
	California .....	2002 .. 66 373
		1997 .. 19 506
	New Jersey .....	2002 .. 34 757
		1997 .. 20 080
3119304	Liquid beverage bases, concentrates and syrups, for sale by soft drink bottlers to trade or nonbottler distributors	
	United States .....	2002 .. 3 943 655
		1997 .. 3 570 847
	California .....	2002 .. 107 743
		1997 .. 123 774
	Florida .....	2002 .. 48 703
		1997 .. N
3119305	Soft drink flavoring syrup, sold in bulk	
	United States .....	2002 .. 940 811
		1997 .. N
	Arizona .....	2002 .. 44 792
		1997 .. N
	California .....	2002 .. 68 942
		1997 .. N
	Colorado .....	2002 .. 36 826
		1997 .. N
	Florida .....	2002 .. 74 444
		1997 .. N
	Louisiana .....	2002 .. 13 644
		1997 .. N
	New York .....	2002 .. 30 129
		1997 .. N
	North Carolina .....	2002 .. 19 312
		1997 .. N
	Ohio .....	2002 .. 75 806
		1997 .. N
	Virginia .....	2002 .. 3 329
		1997 .. N
	Washington .....	2002 .. 22 118
		1997 .. N
3119308	Other flavoring agents, except chocolate syrups	
	United States .....	2002 .. 3 773 890
		1997 .. N
	California .....	2002 .. 690 062
		1997 .. N
	New York .....	2002 .. 25 311
		1997 .. N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3119308	Other flavoring agents, except chocolate syrups—Con.	
	Ohio .....	850 578
	..... 2002..	N
	..... 1997..	
3119411	Vinegar and cider	
	United States .....	336 645
	..... 2002..	233 155
	..... 1997..	
	California .....	53 027
	..... 2002..	23 742
	..... 1997..	
	New Jersey .....	25 068
	..... 2002..	8 571
	..... 1997..	
	Texas .....	15 947
	..... 2002..	N
	..... 1997..	
3119414	Prepared sauces, except tomato	
	United States .....	1 707 194
	..... 2002..	1 870 691
	..... 1997..	
	California .....	168 750
	..... 2002..	80 760
	..... 1997..	
	New Jersey .....	72 747
	..... 2002..	N
	..... 1997..	
	Pennsylvania .....	93 261
	..... 2002..	46 798
	..... 1997..	
	Tennessee .....	44 191
	..... 2002..	3 330
	..... 1997..	
	Texas .....	137 282
	..... 2002..	364 013
	..... 1997..	
3119417	Mayonnaise, salad dressings, and sandwich spreads	
	United States .....	2 755 487
	..... 2002..	3 282 608
	..... 1997..	
	Alabama .....	22 033
	..... 2002..	N
	..... 1997..	
	California .....	231 584
	..... 2002..	271 570
	..... 1997..	
	Georgia .....	123 194
	..... 2002..	117 406
	..... 1997..	
	Illinois .....	592 118
	..... 2002..	960 393
	..... 1997..	
	New Jersey .....	80 195
	..... 2002..	N
	..... 1997..	
	New York .....	171 607
	..... 2002..	100 762
	..... 1997..	
	Ohio .....	280 929
	..... 2002..	179 373
	..... 1997..	
	Texas .....	193 626
	..... 2002..	166 634
	..... 1997..	
	Washington .....	37 329
	..... 2002..	N
	..... 1997..	
3119421	Table salt (evaporated), pepper (white and black), and other spices	
	United States .....	2 045 193
	..... 2002..	1 713 993
	..... 1997..	
	California .....	292 243
	..... 2002..	292 984
	..... 1997..	
	Florida .....	53 311
	..... 2002..	N
	..... 1997..	
	Illinois .....	294 405
	..... 2002..	93 871
	..... 1997..	
	Louisiana .....	152 906
	..... 2002..	N
	..... 1997..	
	Maryland .....	381 641
	..... 2002..	N
	..... 1997..	
	Michigan .....	2 590
	..... 2002..	5 207
	..... 1997..	
	Missouri .....	137 742
	..... 2002..	113 000
	..... 1997..	
	New Jersey .....	69 325
	..... 2002..	64 805
	..... 1997..	
	Ohio .....	50 808
	..... 2002..	16 489
	..... 1997..	
	Virginia .....	21 289
	..... 2002..	31 099
	..... 1997..	
	Wisconsin .....	7 455
	..... 2002..	37 116
	..... 1997..	
3119425	Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic)	
	United States .....	1 471 322
	..... 2002..	N
	..... 1997..	
	California .....	53 029
	..... 2002..	N
	..... 1997..	
	Florida .....	83 951
	..... 2002..	N
	..... 1997..	
	Georgia .....	16 242
	..... 2002..	N
	..... 1997..	
	Illinois .....	202 617
	..... 2002..	N
	..... 1997..	
	New Jersey .....	142 070
	..... 2002..	N
	..... 1997..	
	New York .....	81 203
	..... 2002..	N
	..... 1997..	
	Ohio .....	80 975
	..... 2002..	N
	..... 1997..	
	Wisconsin .....	122 319
	..... 2002..	N
	..... 1997..	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3119427	Dry mix food preparations	
	United States .....	2002.. 1 635 202
		1997.. 1 786 374
	California .....	2002.. 197 592
		1997.. 62 975
	Florida .....	2002.. 96 735
		1997.. 112 603
	Illinois .....	2002.. 131 787
		1997.. 222 216
	New Jersey .....	2002.. 50 576
		1997.. 34 492
	Ohio .....	2002.. 74 800
		1997.. 128 933
	Texas .....	2002.. 279 289
	1997.. 224 543	
Washington .....	2002.. 80 381	
	1997.. 14 714	
Wisconsin .....	2002.. 98 313	
	1997.. 102 038	
3119910	Perishable prepared food manufacturing	
	United States .....	2002.. 5 417 579
		1997.. 2 860 755
	Alabama .....	2002.. 168 590
		N
	California .....	2002.. 1 388 183
		N
	Colorado .....	2002.. 28 855
		N
	Connecticut .....	2002.. 18 913
		N
	Florida .....	2002.. 30 645
		N
	Georgia .....	2002.. 130 400
		N
	Hawaii .....	2002.. 31 894
		N
	Idaho .....	2002.. 48 835
		N
	Illinois .....	2002.. 316 331
		N
	Indiana .....	2002.. 104 917
		N
	Iowa .....	2002.. 154 015
		N
	Kansas .....	2002.. 104 638
		N
	Louisiana .....	2002.. 14 110
		N
	Maine .....	2002.. 9 187
		N
	Maryland .....	2002.. 26 827
		N
	Massachusetts .....	2002.. 146 518
		N
	Michigan .....	2002.. 26 457
		N
	Minnesota .....	2002.. 170 028
		N
	Missouri .....	2002.. 174 414
		N
	Nebraska .....	2002.. 22 717
		N
	Nevada .....	2002.. 20 206
		N
	New Jersey .....	2002.. 188 588
		N
New Mexico .....	2002.. 11 771	
	N	
New York .....	2002.. 231 337	
	N	
North Carolina .....	2002.. 41 388	
	N	
Ohio .....	2002.. 232 331	
	N	
Oklahoma .....	2002.. 13 447	
	N	
Oregon .....	2002.. 96 743	
	N	
Pennsylvania .....	2002.. 230 621	
	N	
Rhode Island .....	2002.. 13 600	
	N	
Tennessee .....	2002.. 51 818	
	N	
Texas .....	2002.. 228 365	
	N	
Utah .....	2002.. 26 748	
	N	
Vermont .....	2002.. 3 886	
	N	
Virginia .....	2002.. 59 863	
	N	
Washington .....	2002.. 66 359	
	N	
West Virginia .....	2002.. 10 868	
	N	
Wisconsin .....	2002.. 152 449	
	1997.. N	
3119991	Desserts, ready-to-mix	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3119991	Desserts, ready-to-mix—Con.	
	United States .....	2002 .. 612 501
		1997 .. 512 820
	California .....	2002 .. 29 793
		1997 .. 110 264
	Illinois .....	2002 .. 38 272
		1997 .. 13 877
	Iowa .....	2002 .. 160 434
		1997 .. N
	New York .....	2002 .. 10 877
		1997 .. N
3119994	Sweetening syrups and molasses	
	United States .....	2002 .. 513 167
		1997 .. 627 456
	California .....	2002 .. 64 037
		1997 .. 33 560
	Illinois .....	2002 .. 46 546
		1997 .. 236 013
	New York .....	2002 .. 43 908
		1997 .. N
	Ohio .....	2002 .. 114 949
		1997 .. 28 666
3119997	Baking powder and yeast	
	United States .....	2002 .. 363 344
		1997 .. 373 875
	California .....	2002 .. 32 099
		1997 .. 35 933
	Wisconsin .....	2002 .. 88 551
	1997 .. N	
311999B	Purchased macaroni and noodle products, packaged with other purchased ingredients	
	United States .....	2002 .. 787 697
		1997 .. N
	California .....	2002 .. 14 704
		1997 .. N
	New York .....	2002 .. 5 619
	1997 .. N	
311999G	Egg processing	
	United States .....	2002 .. 1 460 559
		1997 .. 1 461 611
	California .....	2002 .. 11 165
		1997 .. 36 480
	Illinois .....	2002 .. 47 727
		1997 .. N
	Iowa .....	2002 .. 231 716
		1997 .. 106 480
	Minnesota .....	2002 .. 307 500
		1997 .. 271 553
Texas .....	2002 .. 5 954	
	1997 .. N	
311999J	Flavoring powders, tablets, and paste (including dry mix cocktails)	
	United States .....	2002 .. 1 668 180
		1997 .. 867 251
	California .....	2002 .. 198 960
		1997 .. 50 505
	Florida .....	2002 .. 31 259
		1997 .. 16 070
	Illinois .....	2002 .. 263 822
		1997 .. 194 313
	Kentucky .....	2002 .. 29 922
		1997 .. N
Minnesota .....	2002 .. 31 275	
	1997 .. 14 401	
New Jersey .....	2002 .. 200 590	
	1997 .. 164 632	
New York .....	2002 .. 47 413	
	1997 .. N	
North Carolina .....	2002 .. 18 541	
	1997 .. N	
Texas .....	2002 .. 22 711	
	1997 .. N	
Wisconsin .....	2002 .. 73 829	
	1997 .. 15 396	
311999P	Other food preparations	
	United States .....	2002 .. 2 303 123
		1997 .. N
	California .....	2002 .. 72 827
		1997 .. N
Georgia .....	2002 .. 110 195	
	1997 .. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
311999P	Other food preparations—Con.	
	Illinois .....	2002.. 162 153
	.....	1997.. N
	Iowa .....	2002.. 522 241
	.....	1997.. N
	Michigan .....	2002.. 74 644
	.....	1997.. N
	Minnesota .....	2002.. 265 548
	.....	1997.. N
	Missouri .....	2002.. 135 036
.....	1997.. N	
New York .....	2002.. 120 620	
.....	1997.. N	
Ohio .....	2002.. 101 273	
.....	1997.. N	
Washington .....	2002.. 21 468	
.....	1997.. N	
3121111	Soft drinks, bottled, carbonated	
	United States .....	2002.. 10 601 992
	.....	1997.. 9 094 971
	Alabama .....	2002.. 202 746
	.....	1997.. 212 274
	Arizona .....	2002.. 131 463
	.....	1997.. 121 327
	California .....	2002.. 1 480 384
	.....	1997.. 769 470
	Colorado .....	2002.. 138 469
	.....	1997.. 65 232
	Florida .....	2002.. 524 071
	.....	1997.. 388 114
	Illinois .....	2002.. 415 176
	.....	1997.. 171 744
	Kentucky .....	2002.. 32 530
	.....	1997.. 114 212
	Louisiana .....	2002.. 244 932
	.....	1997.. 127 370
	Michigan .....	2002.. 508 641
	.....	1997.. 358 152
	Minnesota .....	2002.. 119 764
	.....	1997.. 149 565
	Missouri .....	2002.. 426 396
	.....	1997.. 225 118
	New York .....	2002.. 501 520
	.....	1997.. 626 309
	North Carolina .....	2002.. 513 863
	.....	1997.. 416 504
	Ohio .....	2002.. 1 018 146
	.....	1997.. 532 925
	Oregon .....	2002.. 72 841
	.....	1997.. 85 076
Pennsylvania .....	2002.. 444 723	
.....	1997.. 555 191	
South Carolina .....	2002.. 182 476	
.....	1997.. 119 290	
Tennessee .....	2002.. 461 611	
.....	1997.. 281 952	
Texas .....	2002.. 666 473	
.....	1997.. 926 255	
Utah .....	2002.. 39 430	
.....	1997.. 83 434	
Virginia .....	2002.. 421 698	
.....	1997.. 512 414	
Washington .....	2002.. 95 965	
.....	1997.. 101 102	
3121114	Soft drinks, canned, carbonated	
	United States .....	2002.. 8 879 733
	.....	1997.. 11 762 928
	Alabama .....	2002.. 229 124
	.....	1997.. 176 141
	Arizona .....	2002.. 207 249
	.....	1997.. 272 340
	California .....	2002.. 1 104 128
	.....	1997.. 1 263 479
	Colorado .....	2002.. 215 654
	.....	1997.. 187 547
	Florida .....	2002.. 524 037
	.....	1997.. 730 636
	Georgia .....	2002.. 222 707
	.....	1997.. 705 519
	Illinois .....	2002.. 287 120
	.....	1997.. 472 618
	Maryland .....	2002.. 281 136
	.....	1997.. 339 679
	Michigan .....	2002.. 335 927
	.....	1997.. 301 882
	Minnesota .....	2002.. 246 009
	.....	1997.. 363 269
New York .....	2002.. 334 843	
.....	1997.. 397 329	
North Carolina .....	2002.. 411 778	
.....	1997.. 324 617	
Ohio .....	2002.. 526 856	
.....	1997.. 773 820	
Oregon .....	2002.. 90 412	
.....	1997.. 137 663	
Pennsylvania .....	2002.. 258 950	
.....	1997.. 254 351	
South Carolina .....	2002.. 171 774	
.....	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3121114	Soft drinks, canned, carbonated—Con.	
	Tennessee .....	2002.. 250 075
	.....	1997.. 308 157
	Texas .....	2002.. 1 039 335
	.....	1997.. 1 008 679
	Utah .....	2002.. 55 281
	.....	1997.. 120 894
	Virginia .....	2002.. 263 818
	.....	1997.. 266 811
	Washington .....	2002.. 193 288
.....	1997.. 245 254	
312111A	Soft drinks, non-carbonated	
	United States .....	2002.. 6 407 418
	.....	1997.. 5 817 078
	Alabama .....	2002.. 12 466
	.....	1997.. 4 418
	Arizona .....	2002.. 34 510
	.....	1997.. 46 021
	California .....	2002.. 455 107
	.....	1997.. 644 050
	Colorado .....	2002.. 7 882
	.....	1997.. N
	Florida .....	2002.. 190 804
	.....	1997.. 367 004
	Illinois .....	2002.. 262 082
	.....	1997.. 384 297
	Iowa .....	2002.. 28 528
	.....	1997.. 6 385
	Kansas .....	2002.. 3 475
	.....	1997.. N
	Massachusetts .....	2002.. 265 996
	.....	1997.. 339 213
	Michigan .....	2002.. 720 277
	.....	1997.. 388 856
	Minnesota .....	2002.. 29 084
	.....	1997.. 38 540
	New Jersey .....	2002.. 795 395
	.....	1997.. 681 718
	New York .....	2002.. 186 540
	.....	1997.. 97 685
	North Carolina .....	2002.. 80 602
	.....	1997.. 15 074
	Ohio .....	2002.. 217 672
	.....	1997.. 71 551
	Oregon .....	2002.. 9 462
	.....	1997.. 16 810
	Pennsylvania .....	2002.. 550 124
	.....	1997.. 725 573
	South Carolina .....	2002.. 12 965
	.....	1997.. 13 923
Tennessee .....	2002.. 42 476	
.....	1997.. 60 259	
Texas .....	2002.. 1 022 136	
.....	1997.. 525 455	
Utah .....	2002.. 5 915	
.....	1997.. 7 643	
Virginia .....	2002.. 96 898	
.....	1997.. 80 429	
Washington .....	2002.. 185 801	
.....	1997.. 200 291	
Wisconsin .....	2002.. 207 005	
.....	1997.. N	
3121120	Bottled water manufacturing	
	United States .....	2002.. 2 582 035
	.....	1997.. 836 529
	Alabama .....	2002.. 10 390
	.....	1997.. N
	Arizona .....	2002.. 44 606
	.....	1997.. N
	California .....	2002.. 491 746
	.....	1997.. N
	Colorado .....	2002.. 36 542
	.....	1997.. N
	Florida .....	2002.. 241 810
	.....	1997.. N
	Georgia .....	2002.. 111 010
	.....	1997.. N
	Hawaii .....	2002.. 21 593
	.....	1997.. N
	Illinois .....	2002.. 62 952
	.....	1997.. N
	Indiana .....	2002.. 9 656
	.....	1997.. N
	Kansas .....	2002.. 9 806
	.....	1997.. N
	Massachusetts .....	2002.. 72 399
	.....	1997.. N
	Michigan .....	2002.. 44 358
	.....	1997.. N
	Minnesota .....	2002.. 31 922
	.....	1997.. N
	Mississippi .....	2002.. 14 191
.....	1997.. N	
Nebraska .....	2002.. 10 443	
.....	1997.. N	
Nevada .....	2002.. 16 514	
.....	1997.. N	
New Hampshire .....	2002.. 13 291	
.....	1997.. N	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3121120	<b>Bottled water manufacturing—Con.</b>	
	New Jersey .....	2002.. 15 681
		1997.. N
	New Mexico .....	2002.. 4 148
		1997.. N
	New York .....	2002.. 89 782
		1997.. N
	North Carolina .....	2002.. 115 733
		1997.. N
	Ohio .....	2002.. 14 035
		1997.. N
	Oklahoma .....	2002.. 23 569
		1997.. N
	Oregon .....	2002.. 21 543
		1997.. N
	Pennsylvania .....	2002.. 160 334
		1997.. N
South Carolina .....	2002.. 27 783	
	1997.. N	
Tennessee .....	2002.. 87 391	
	1997.. N	
Texas .....	2002.. 349 276	
	1997.. N	
Virginia .....	2002.. 7 062	
	1997.. N	
Washington .....	2002.. 37 310	
	1997.. N	
Wisconsin .....	2002.. 12 226	
	1997.. N	
3121130	<b>Ice manufacturing</b>	
	United States .....	2002.. 588 398
		1997.. 406 254
	Alabama .....	2002.. 11 472
		1997.. N
	Arizona .....	2002.. 12 182
		1997.. N
	Arkansas .....	2002.. 5 249
		1997.. N
	California .....	2002.. 53 978
		1997.. N
	Colorado .....	2002.. 2 573
		1997.. N
	Florida .....	2002.. 43 448
		1997.. N
	Georgia .....	2002.. 20 905
		1997.. N
	Illinois .....	2002.. 16 386
		1997.. N
	Indiana .....	2002.. 24 014
		1997.. N
	Kansas .....	2002.. 4 892
		1997.. N
	Kentucky .....	2002.. 11 423
		1997.. N
	Louisiana .....	2002.. 12 817
		1997.. N
	Maryland .....	2002.. 5 850
		1997.. N
	Massachusetts .....	2002.. 4 144
		1997.. N
	Michigan .....	2002.. 21 878
		1997.. N
	Minnesota .....	2002.. 11 234
		1997.. N
	Mississippi .....	2002.. 10 058
		1997.. N
	Missouri .....	2002.. 11 029
		1997.. N
	New Jersey .....	2002.. 7 683
		1997.. N
	New York .....	2002.. 24 757
		1997.. N
	North Carolina .....	2002.. 38 489
		1997.. N
	Ohio .....	2002.. 26 950
		1997.. N
Oklahoma .....	2002.. 4 547	
	1997.. N	
Oregon .....	2002.. 2 869	
	1997.. N	
Pennsylvania .....	2002.. 19 095	
	1997.. N	
Rhode Island .....	2002.. 3 199	
	1997.. N	
South Carolina .....	2002.. 2 974	
	1997.. N	
Tennessee .....	2002.. 8 543	
	1997.. N	
Texas .....	2002.. 58 535	
	1997.. N	
Virginia .....	2002.. 20 859	
	1997.. N	
Washington .....	2002.. 3 228	
	1997.. N	
West Virginia .....	2002.. 8 839	
	1997.. N	
Wisconsin .....	2002.. 6 109	
	1997.. N	
3121201	<b>Beer and ale, canned, case goods</b>	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3121201	Beer and ale, canned, case goods—Con.	
	United States .....	2002.. 9 221 705
	Pennsylvania .....	1997.. 9 694 616
	Pennsylvania .....	2002.. 47 996
		1997.. 111 280
3121204	Beer and ale, bottled, case goods	
	United States .....	2002.. 6 737 874
	Minnesota .....	1997.. 6 209 755
	Minnesota .....	2002.. 23 820
	Oregon .....	1997.. 29 115
	Oregon .....	2002.. 38 628
		1997.. 83 688
		2002.. 257 730
		1997.. 140 777
3121207	Beer and ale, barrels and kegs	
	United States .....	2002.. 1 084 752
	California .....	1997.. 1 113 941
	California .....	2002.. 132 120
	New York .....	1997.. 133 133
	New York .....	2002.. 52 022
	Texas .....	1997.. N
	Texas .....	2002.. 69 530
	Utah .....	1997.. N
	Utah .....	2002.. 2 590
	Vermont .....	1997.. N
		2002.. 5 266
		1997.. 5 370
		2002.. 16 421
		1997.. 21 013
3121209	All other malt beverages and brewing products	
	United States .....	2002.. 321 335
	Ohio .....	1997.. N
	Ohio .....	2002.. 19 408
		1997.. N
		2002.. 18 785
		1997.. N
3121300	Wine, brandy, and brandy spirits	
	United States .....	2002.. 9 025 982
	California .....	1997.. 6 144 389
	California .....	2002.. 7 850 738
	Colorado .....	1997.. N
	Colorado .....	2002.. 8 494
	Connecticut .....	1997.. N
	Connecticut .....	2002.. 8 880
	Florida .....	1997.. N
	Florida .....	2002.. 12 371
	Georgia .....	1997.. N
	Georgia .....	2002.. 5 609
	Illinois .....	1997.. N
	Illinois .....	2002.. 7 981
	Indiana .....	1997.. N
	Indiana .....	2002.. 10 167
	Kentucky .....	1997.. N
	Kentucky .....	2002.. 56 179
	Massachusetts .....	1997.. N
	Massachusetts .....	2002.. 4 706
	Michigan .....	1997.. N
	Michigan .....	2002.. 14 575
	Minnesota .....	1997.. N
	Minnesota .....	2002.. 2 069
	Missouri .....	1997.. N
	Missouri .....	2002.. 23 175
	New Mexico .....	1997.. N
	New Mexico .....	2002.. 6 239
	New York .....	1997.. N
	New York .....	2002.. 239 495
	North Carolina .....	1997.. N
	North Carolina .....	2002.. 15 878
	Ohio .....	1997.. N
	Ohio .....	2002.. 15 409
Oregon .....	1997.. N	
Oregon .....	2002.. 100 219	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 16 936	
Rhode Island .....	1997.. N	
Rhode Island .....	2002.. 6 292	
Tennessee .....	1997.. N	
Tennessee .....	2002.. 7 992	
Texas .....	1997.. N	
Texas .....	2002.. 38 789	
Virginia .....	1997.. N	
Virginia .....	2002.. 15 433	
Washington .....	1997.. N	
Washington .....	2002.. 467 495	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 10 266	
		1997.. N
3121402	Distilled liquor, except brandy	
	United States .....	2002.. 968 543
	Kentucky .....	1997.. N
	Kentucky .....	2002.. 300 034
		1997.. N
		2002.. 22 200
		1997.. N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3121404	Bottled liquor, except brandy	
	United States.....	2002.. 3 088 267
	1997..	2 621 726
	Kentucky.....	2002.. 734 798
	1997..	828 941
3122101	Tobacco, unstemmed leaf, redried before packing	
	United States.....	2002.. 414 341
	1997..	104 353
	North Carolina.....	2002.. 18 062
	1997..	N
3122104	Tobacco, stemmed	
	United States.....	2002.. 639 289
	1997..	3 024 843
	North Carolina.....	2002.. 380 814
	1997..	2 233 398
3122210	Cigarettes, including nontobacco	
	United States.....	2002.. 33 740 199
	1997..	28 258 382
3122291	Cigars	
	United States.....	2002.. D
	1997..	D
3122294	Chewing and smoking tobacco	
	United States.....	2002.. 2 462 929
	1997..	2 225 631
	Kentucky.....	2002.. 353 120
	1997..	N
3122297	Reconstituted tobacco, processed sheet and homogenized	
	United States.....	2002.. D
	1997..	D
3131111	Yarns, carded, cotton	
	United States.....	2002.. 2 307 272
	1997..	3 633 066
	Georgia.....	2002.. 493 296
	1997..	546 417
	North Carolina.....	2002.. 1 089 122
	1997..	1 773 337
	South Carolina.....	2002.. 291 524
	1997..	433 236
	Tennessee.....	2002.. 111 518
	1997..	140 978
3131113	Yarns, combed, cotton	
	United States.....	2002.. 627 203
	1997..	645 919
	Georgia.....	2002.. 99 939
	1997..	174 836
	North Carolina.....	2002.. 362 705
	1997..	350 761
	South Carolina.....	2002.. 78 962
	1997..	47 971
3131115	Yarns, spun, rayon, acetate, and lyocell	
	United States.....	2002.. 173 909
	1997..	247 992
3131116	Yarns, spun, noncellulosic fiber and other natural fibers	
	United States.....	2002.. 2 904 535
	1997..	N
	Alabama.....	2002.. 320 230
	1997..	N
	Georgia.....	2002.. 965 379
	1997..	N
	North Carolina.....	2002.. 1 043 006
	1997..	N
	South Carolina.....	2002.. 314 647
	1997..	N
3131119	Yarns, wool, including new, reused, and reprocessed	
	United States.....	2002.. 159 454
	1997..	265 659
	North Carolina.....	2002.. 84 640
	1997..	N
313111C	Scouring and combing mill products	
	United States.....	2002.. 131 019
	1997..	D
3131121	Yarns, novelty and plied, except wool, not spun or thrown at the same establishment	
	United States.....	2002.. 146 416
	1997..	156 841

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3131123	Yarns, thrown, filament, except textured	
	United States .....	2002.. 1 300 154
	Georgia .....	1997.. 1 023 930
	North Carolina .....	2002.. 757 281
	North Carolina .....	1997.. 620 623
3131125	Yarns, textured, crimped, and bulked, filament, including stretch, made from purchased yarn	
	United States .....	2002.. 2 615 028
	Georgia .....	1997.. 3 092 822
	Georgia .....	2002.. 670 839
	Georgia .....	1997.. 680 873
3131128	Yarns, filament, commission receipts for throwing, texturing, or winding	
	United States .....	2002.. 127 764
	North Carolina .....	1997.. N
	North Carolina .....	2002.. 88 846
	Virginia .....	1997.. N
3131130	Thread mills	
	United States .....	2002.. 307 118
	Massachusetts .....	1997.. 702 519
	Massachusetts .....	2002.. 12 355
	New Jersey .....	1997.. N
	New Jersey .....	2002.. 2 292
	New York .....	1997.. N
	New York .....	2002.. 7 468
	Pennsylvania .....	1997.. N
	Pennsylvania .....	2002.. 34 997
	Rhode Island .....	1997.. N
	Rhode Island .....	2002.. 2 798
	Tennessee .....	1997.. N
Tennessee .....	2002.. 10 374	
3132101	Broadwoven fabrics, cotton, plain weave (except pile), gray goods	
	United States .....	2002.. 959 518
	Alabama .....	1997.. 975 740
	Alabama .....	2002.. 179 876
	Georgia .....	1997.. 163 203
	Georgia .....	2002.. 70 102
	North Carolina .....	1997.. 124 516
	North Carolina .....	2002.. 144 664
	South Carolina .....	1997.. 39 762
	South Carolina .....	2002.. 471 201
3132103	Broadwoven fabrics, cotton, twill weave (except pile), gray goods	
	United States .....	2002.. 822 951
	North Carolina .....	1997.. 2 193 692
	North Carolina .....	2002.. 437 816
	South Carolina .....	1997.. N
3132105	Broadwoven fabrics, cotton, all other weaves (except plain, twill, or pile), gray goods	
	United States .....	2002.. 193 768
	Georgia .....	1997.. 427 642
	Georgia .....	2002.. 4 579
	North Carolina .....	1997.. 57 994
	North Carolina .....	2002.. 17 141
	Pennsylvania .....	1997.. 168 026
3132107	Broadwoven fabrics, cotton, pile, gray goods	
	United States .....	2002.. D
	United States .....	1997.. 375 689
3132109	Broadwoven fabrics, cotton, finished in weaving mills	
	United States .....	2002.. 538 804
	North Carolina .....	1997.. 682 361
	North Carolina .....	2002.. 160 306
	South Carolina .....	1997.. 294 629
313210D	Fabricated textile products, made in weaving mills	
	United States .....	2002.. 1 362 943
	California .....	1997.. N
	California .....	2002.. 6 020
	Georgia .....	1997.. N
	Georgia .....	2002.. 125 135
	Maine .....	1997.. N
	Maine .....	2002.. 48 538
	North Carolina .....	1997.. N
	North Carolina .....	2002.. 463 635
South Carolina .....	1997.. N	
South Carolina .....	2002.. 80 277	
South Carolina .....	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
313210E	Broadwoven fabrics, manmade fiber, 85 percent or more filament yarns (chiefly rayon, acetate, and lyocell), gray goods	
	United States .....	2002.. 532 258
	Pennsylvania .....	1997.. 540 475
	South Carolina .....	2002.. 8 928
	South Carolina .....	1997.. 68 437
313210G	Broadwoven fabrics, manmade fiber, 85 percent or more filament yarns (except rayon, acetate, and lyocell), gray goods	
	United States .....	2002.. 1 364 684
	Georgia .....	1997.. 3 167 653
	North Carolina .....	2002.. 464 299
	Pennsylvania .....	1997.. 981 284
	South Carolina .....	2002.. 194 475
	Virginia .....	1997.. 500 973
	Virginia .....	2002.. 95 589
	Virginia .....	1997.. 144 828
	Virginia .....	2002.. 212 214
313210H	Broadwoven fabrics, manmade fiber, plain weave (except pile), 85 percent or more spun yarns (except wool blends), gray goods	
	United States .....	2002.. 1 029 502
	Georgia .....	1997.. 1 166 604
	North Carolina .....	2002.. 159 925
	South Carolina .....	1997.. 100 750
313210J	Broadwoven fabrics, manmade fiber, twill weave (except pile), 85 percent or more spun yarns (except wool blends), gray goods	
	United States .....	2002.. 176 684
	Georgia .....	1997.. 199 999
	South Carolina .....	2002.. 121 826
	South Carolina .....	1997.. N
313210L	Broadwoven fabrics, manmade fiber, all other weaves (except plain, twill, and pile), 85 percent or more spun yarn (except wool blends), gray goods	
	United States .....	2002.. 345 813
	South Carolina .....	1997.. 718 496
	South Carolina .....	2002.. 175 816
313210M	Broadwoven fabrics, manmade fiber, combinations of spun and filament yarns, each less than 85 percent of total fiber content (except wool blends), gray goods	
	United States .....	1997.. 595 922
	North Carolina .....	2002.. 1 497 959
	South Carolina .....	1997.. 69 248
	South Carolina .....	2002.. 322 924
313210N	Broadwoven fabrics, manmade fiber, including silk and natural fibers (except cotton), all other weaves (including pile), gray goods	
	United States .....	1997.. 284 805
	United States .....	2002.. 375 539
313210P	Broadwoven fabrics, manmade fiber and silk, finished in weaving mills	
	United States .....	2002.. 1 394 156
	Georgia .....	1997.. 1 789 850
	North Carolina .....	2002.. 206 071
	South Carolina .....	1997.. 98 912
	Virginia .....	2002.. 640 769
	Virginia .....	1997.. 818 572
	Virginia .....	2002.. 205 133
313210T	Broadwoven fabrics, wool, gray goods	
	United States .....	1997.. D
	New York .....	2002.. 258 345
	North Carolina .....	1997.. 3 200
	Virginia .....	2002.. N
	Virginia .....	1997.. 20 211
313210U	Broadwoven fabrics, including felts, wool, finished in weaving mills	
	United States .....	2002.. 38 016
	United States .....	1997.. N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3132211	Narrow fabrics (12 inches or less in width), woven	
	United States.....	2002.. 808 078
		1997.. 930 998
	Alabama.....	2002.. 89 942
		1997.. 87 273
	Georgia.....	2002.. 14 056
		1997.. 16 620
	Massachusetts.....	2002.. 10 163
		1997.. 16 961
	New York.....	2002.. 13 396
	1997.. 9 413	
North Carolina.....	2002.. 85 694	
	1997.. 110 969	
Pennsylvania.....	2002.. 105 310	
	1997.. 131 871	
3132213	Narrow fabrics (12 inches or less in width), braided	
	United States.....	2002.. 183 418
		1997.. 206 032
3132215	Covered rubber thread, made in narrow fabric mills	
	United States.....	2002.. 82 254
		1997.. 157 853
3132220	Schiffli machine embroideries	
	United States.....	2002.. 129 345
		1997.. 179 995
	California.....	2002.. 23 517
		1997.. N
	Illinois.....	2002.. 2 709
		1997.. N
	New Jersey.....	2002.. 38 988
	1997.. N	
New York.....	2002.. 9 226	
	1997.. N	
3132301	Nonwoven fabrics	
	United States.....	2002.. 3 232 463
		1997.. 2 784 259
	Georgia.....	2002.. 315 724
		1997.. 289 311
	Massachusetts.....	2002.. 74 313
		1997.. 58 507
	New York.....	2002.. 47 004
		1997.. 56 869
	North Carolina.....	2002.. 745 933
		1997.. 635 366
Pennsylvania.....	2002.. 22 631	
	1997.. N	
South Carolina.....	2002.. 329 647	
	1997.. 432 839	
Wisconsin.....	2002.. 137 890	
	1997.. 131 950	
3132303	Fabricated nonwoven products	
	United States.....	2002.. 868 838
		1997.. 838 357
	Massachusetts.....	2002.. 27 416
		1997.. 45 081
	New York.....	2002.. 101 624
		1997.. 73 701
Pennsylvania.....	2002.. 172 358	
	1997.. 125 146	
South Carolina.....	2002.. 46 778	
	1997.. 53 625	
3132305	Pressed, punched, or needled felts (except hats)	
	United States.....	2002.. 695 574
		1997.. 537 688
	Massachusetts.....	2002.. 32 779
		1997.. 46 061
	New York.....	2002.. 75 153
	1997.. N	
Pennsylvania.....	2002.. 11 561	
	1997.. 7 185	
South Carolina.....	2002.. 191 045	
	1997.. 139 653	
3132411	Weft (circular) knit fabrics, greige goods (except hosiery)	
	United States.....	2002.. 646 667
		1997.. 1 218 064
	California.....	2002.. 23 994
		1997.. 36 534
	New Jersey.....	2002.. 6 297
		1997.. 15 770
	New York.....	2002.. 66 081
		1997.. 18 262
North Carolina.....	2002.. 191 507	
	1997.. 696 771	
South Carolina.....	2002.. 86 941	
	1997.. 30 476	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3132413	Weft (circular) knit fabrics, finished (except hosiery)	
	United States .....	2002.. 901 015
	California .....	1997.. 1 585 100
	New Jersey .....	2002.. 143 552
	North Carolina .....	1997.. 192 681
	North Carolina .....	2002.. 49 911
3132416	Weft (circular) knit fabrics, nonapparel type, including commission receipts for knitting only or knitting and finishing (except hosiery)	
	United States .....	1997.. N
	California .....	2002.. 14 681
	New Jersey .....	1997.. N
	North Carolina .....	2002.. 7 279
	North Carolina .....	1997.. N
3132491	Warp knit fabrics, greige goods	
	United States .....	2002.. 380 644
	New Jersey .....	1997.. 633 654
	North Carolina .....	2002.. 15 432
	Pennsylvania .....	1997.. 40 836
	Pennsylvania .....	2002.. 55 660
3132493	Warp knit fabrics, finished	
	United States .....	1997.. 114 572
	California .....	2002.. 118 907
	New York .....	1997.. 123 538
	North Carolina .....	2002.. 911 590
	Rhode Island .....	1997.. 1 486 521
3132495	Warp knit fabrics, lace and net goods, all leavers and nottingham lace machine products, including bobbinets and barmen laces	
	United States .....	2002.. 8 669
	New York .....	1997.. N
	North Carolina .....	2002.. 60 875
	Rhode Island .....	1997.. 124 079
	Rhode Island .....	2002.. 493 495
3132497	Warp knit fabrics, lace and net goods, contract and commission receipts for knitting only or knitting and finishing	
	United States .....	1997.. 760 046
	New Jersey .....	2002.. 118 907
	New Jersey .....	1997.. 12 892
	New Jersey .....	2002.. 71 784
	New Jersey .....	1997.. 82 093
313249A	Warp knit fabrics, other nonapparel products (including knitted towels and washcloths), except fabrics, lace, and net goods	
	United States .....	2002.. 12 658
	New York .....	1997.. 12 892
	New York .....	2002.. 11 856
	New York .....	1997.. N
	New York .....	2002.. 26 039
3133111	Broadwoven fabrics, cotton, finished in finishing mills	
	United States .....	1997.. 1 748 242
	California .....	2002.. 1 856 811
	Illinois .....	1997.. 85 554
	New York .....	2002.. 45 315
	North Carolina .....	1997.. 17 094
	South Carolina .....	2002.. N
	South Carolina .....	1997.. 87 845
	South Carolina .....	2002.. 78 859
	South Carolina .....	1997.. 236 134
3133113	Broadwoven fabrics, cotton, job or commission finishing	
	United States .....	2002.. 255 999
	California .....	1997.. 894 592
	Georgia .....	2002.. 682 794
	Massachusetts .....	1997.. 954 650
	New York .....	2002.. 1 359 146
	North Carolina .....	1997.. 83 219
	South Carolina .....	2002.. 57 876
	South Carolina .....	1997.. 66 475
	South Carolina .....	2002.. 240 343

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3133115	Broadwoven fabrics, manmade fiber and silk, finished in finishing mills	
	United States .....	2002 .. 2 210 982
		1997 .. 2 857 139
	California .....	2002 .. 51 388
		1997 .. 87 502
	Massachusetts .....	2002 .. 94 688
		1997 .. 77 688
	New Jersey .....	2002 .. 32 589
		1997 .. 22 865
	New York .....	2002 .. 218 886
		1997 .. 327 019
North Carolina .....	2002 .. 390 000	
	1997 .. 535 574	
Pennsylvania .....	2002 .. 85 717	
	1997 .. 24 970	
South Carolina .....	2002 .. 877 396	
	1997 .. 1 095 669	
3133117	Broadwoven fabrics, manmade fiber and silk, job or commission finishing	
	United States .....	2002 .. D
		1997 .. 1 160 036
	California .....	2002 .. 25 292
		1997 .. 19 574
	Georgia .....	2002 .. 65 767
		1997 .. 134 751
	New Jersey .....	2002 .. 77 791
		1997 .. 219 777
	New York .....	2002 .. 66 391
		1997 .. 17 265
North Carolina .....	2002 .. 60 857	
	1997 .. 153 707	
Rhode Island .....	2002 .. 70 532	
	1997 .. N	
South Carolina .....	2002 .. 86 094	
	1997 .. 278 726	
3133119	Broadwoven fabrics, finished, wool (including felts), not finished in weaving mills	
	United States .....	2002 .. D
	1997 .. 90 657	
3133120	Finished fabrics (except broadwoven) and other finished textiles	
	United States .....	2002 .. 3 398 789
		1997 .. 4 403 742
	Alabama .....	2002 .. 267 887
		1997 .. N
	California .....	2002 .. 466 326
		1997 .. N
	Florida .....	2002 .. 10 252
		1997 .. N
	Georgia .....	2002 .. 345 910
		1997 .. N
	Illinois .....	2002 .. 3 947
		1997 .. N
	Massachusetts .....	2002 .. 153 452
		1997 .. N
	New Jersey .....	2002 .. 133 294
		1997 .. N
	New York .....	2002 .. 199 498
		1997 .. N
	North Carolina .....	2002 .. 954 681
		1997 .. N
Pennsylvania .....	2002 .. 201 555	
	1997 .. N	
Rhode Island .....	2002 .. 13 632	
	1997 .. N	
South Carolina .....	2002 .. 101 673	
	1997 .. N	
Tennessee .....	2002 .. 30 057	
	1997 .. N	
Texas .....	2002 .. 314 427	
	1997 .. N	
Virginia .....	2002 .. 99 528	
	1997 .. N	
3133201	Vinyl coated fabrics, including expanded vinyl coated	
	United States .....	2002 .. 673 601
		1997 .. 635 244
	California .....	2002 .. 19 827
		1997 .. N
	Massachusetts .....	2002 .. 64 763
	1997 .. 75 188	
Ohio .....	2002 .. 159 951	
	1997 .. 151 467	
3133204	Rubber coated fabrics and garments	
	United States .....	2002 .. 204 208
		1997 .. N
	Massachusetts .....	2002 .. 38 851
	1997 .. N	
3133205	Other coated or laminated fabrics and coated yarns	
	United States .....	2002 .. 1 046 804
		1997 .. 1 105 889
	Connecticut .....	2002 .. 39 156
		1997 .. 44 858
Massachusetts .....	2002 .. 165 190	
	1997 .. 206 788	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3133205	Other coated or laminated fabrics and coated yarns—Con.	
	Michigan .....	2002 .. 42 402
	.....	1997 .. 27 646
	New York .....	2002 .. 74 828
	.....	1997 .. 64 445
	North Carolina .....	2002 .. 197 884
	.....	1997 .. 86 224
	Ohio .....	2002 .. 29 943
	.....	1997 .. 50 390
	Pennsylvania .....	2002 .. 18 778
.....	1997 .. 36 317	
Wisconsin .....	2002 .. 27 899	
.....	1997 .. 11 254	
3141101	Carpet and rugs, woven	
	United States .....	2002 .. 769 819
	.....	1997 .. 345 497
Georgia .....	2002 .. 479 428	
.....	1997 .. N	
3141103	Carpet and rugs, tufted	
	United States .....	2002 .. 11 402 313
	.....	1997 .. 9 968 548
	Georgia .....	2002 .. 8 574 552
	.....	1997 .. 7 423 222
North Carolina .....	2002 .. 568 949	
.....	1997 .. 435 553	
3141105	Other carpet, rugs, and mats	
	United States .....	2002 .. 417 693
	.....	1997 .. 414 121
Georgia .....	2002 .. 181 253	
.....	1997 .. 126 450	
3141210	Curtains and draperies	
	United States .....	2002 .. 1 484 985
	.....	1997 .. 1 676 510
	Alabama .....	2002 .. 13 091
	.....	1997 .. N
	Arizona .....	2002 .. 10 294
	.....	1997 .. N
	Arkansas .....	2002 .. 2 562
	.....	1997 .. N
	California .....	2002 .. 121 185
	.....	1997 .. N
	Colorado .....	2002 .. 85 124
	.....	1997 .. N
	Connecticut .....	2002 .. 18 960
	.....	1997 .. N
	Delaware .....	2002 .. 6 149
	.....	1997 .. N
	Florida .....	2002 .. 71 328
	.....	1997 .. N
	Georgia .....	2002 .. 65 594
	.....	1997 .. N
	Hawaii .....	2002 .. 2 415
	.....	1997 .. N
	Illinois .....	2002 .. 53 242
	.....	1997 .. N
	Indiana .....	2002 .. 30 453
	.....	1997 .. N
	Iowa .....	2002 .. 9 951
	.....	1997 .. N
	Kansas .....	2002 .. 4 137
	.....	1997 .. N
	Kentucky .....	2002 .. 29 744
	.....	1997 .. N
	Louisiana .....	2002 .. 3 297
	.....	1997 .. N
	Maine .....	2002 .. 3 042
	.....	1997 .. N
	Maryland .....	2002 .. 15 736
	.....	1997 .. N
	Massachusetts .....	2002 .. 192 385
	.....	1997 .. N
Michigan .....	2002 .. 12 208	
.....	1997 .. N	
Minnesota .....	2002 .. 15 008	
.....	1997 .. N	
Mississippi .....	2002 .. 6 099	
.....	1997 .. N	
Missouri .....	2002 .. 13 303	
.....	1997 .. N	
Nevada .....	2002 .. 6 577	
.....	1997 .. N	
New Hampshire .....	2002 .. 3 488	
.....	1997 .. N	
New Jersey .....	2002 .. 56 972	
.....	1997 .. N	
New York .....	2002 .. 259 090	
.....	1997 .. N	
North Carolina .....	2002 .. 63 891	
.....	1997 .. N	
Ohio .....	2002 .. 25 241	
.....	1997 .. N	
Oklahoma .....	2002 .. 11 184	
.....	1997 .. N	
Oregon .....	2002 .. 10 825	
.....	1997 .. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3141210	Curtains and draperies—Con.	
	Pennsylvania .....	2002 .. 47 189
	.....	1997 .. N
	Rhode Island .....	2002 .. 9 380
	.....	1997 .. N
	South Carolina .....	2002 .. 38 172
	.....	1997 .. N
	Tennessee .....	2002 .. 15 067
	.....	1997 .. N
	Texas .....	2002 .. 83 701
	.....	1997 .. N
Utah .....	2002 .. 3 835	
.....	1997 .. N	
Virginia .....	2002 .. 32 780	
.....	1997 .. N	
Washington .....	2002 .. 5 846	
.....	1997 .. N	
Wisconsin .....	2002 .. 17 216	
.....	1997 .. N	
3141291	Bedspreads, made from purchased materials	
	United States .....	2002 .. 190 292
	.....	1997 .. 272 015
	California .....	2002 .. 53 431
	.....	1997 .. 78 098
New Jersey .....	2002 .. 2 879	
.....	1997 .. 8 012	
South Carolina .....	2002 .. 24 108	
.....	1997 .. 29 575	
3141293	Sheets and pillowcases, made from purchased materials	
	United States .....	2002 .. 1 363 386
	.....	1997 .. 1 444 112
California .....	2002 .. 82 489	
.....	1997 .. 57 063	
3141295	Towels and washcloths, made from purchased materials	
	United States .....	2002 .. 587 024
	.....	1997 .. 849 293
California .....	2002 .. 4 028	
.....	1997 .. N	
3141296	Other household furnishings, made from purchased materials	
	United States .....	2002 .. 3 486 900
	.....	1997 .. N
	California .....	2002 .. 365 169
	.....	1997 .. N
	Georgia .....	2002 .. 86 124
	.....	1997 .. N
	Indiana .....	2002 .. 62 038
	.....	1997 .. N
	Maine .....	2002 .. 2 725
	.....	1997 .. N
	Minnesota .....	2002 .. 31 474
	.....	1997 .. N
	North Carolina .....	2002 .. 518 701
	.....	1997 .. N
Pennsylvania .....	2002 .. 303 750	
.....	1997 .. N	
South Carolina .....	2002 .. 326 118	
.....	1997 .. N	
Texas .....	2002 .. 150 495	
.....	1997 .. N	
Wisconsin .....	2002 .. 69 845	
.....	1997 .. N	
3149110	Textile bags	
	United States .....	2002 .. 657 408
	.....	1997 .. 919 967
	Arkansas .....	2002 .. 5 618
	.....	1997 .. N
	California .....	2002 .. 83 531
	.....	1997 .. N
	Colorado .....	2002 .. 8 637
	.....	1997 .. N
	Florida .....	2002 .. 6 775
	.....	1997 .. N
	Georgia .....	2002 .. 43 782
	.....	1997 .. N
	Idaho .....	2002 .. 4 287
	.....	1997 .. N
	Illinois .....	2002 .. 6 268
	.....	1997 .. N
	Indiana .....	2002 .. 13 706
	.....	1997 .. N
	Iowa .....	2002 .. 3 287
	.....	1997 .. N
Kentucky .....	2002 .. 6 503	
.....	1997 .. N	
Louisiana .....	2002 .. 43 418	
.....	1997 .. N	
Maine .....	2002 .. 15 229	
.....	1997 .. N	
Massachusetts .....	2002 .. 4 326	
.....	1997 .. N	
Michigan .....	2002 .. 9 191	
.....	1997 .. N	
Minnesota .....	2002 .. 13 174	
.....	1997 .. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3149110	Textile bags—Con.	
	Mississippi .....	2002.. 7 510
		1997.. N
	New Jersey .....	2002.. 19 171
		1997.. N
	New York .....	2002.. 30 278
		1997.. N
	North Carolina .....	2002.. 14 083
		1997.. N
	Ohio .....	2002.. 16 181
		1997.. N
	Oregon .....	2002.. 2 767
		1997.. N
	Pennsylvania .....	2002.. 16 976
		1997.. N
	South Carolina .....	2002.. 5 814
		1997.. N
Tennessee .....	2002.. 41 016	
	1997.. N	
Texas .....	2002.. 39 971	
	1997.. N	
Utah .....	2002.. 3 349	
	1997.. N	
Virginia .....	2002.. 5 204	
	1997.. N	
Washington .....	2002.. 9 118	
	1997.. N	
Wisconsin .....	2002.. 28 549	
	1997.. N	
3149120	Canvas and related products	
	United States .....	2002.. 1 696 259
		1997.. 1 464 525
	Alabama .....	2002.. 23 508
		1997.. N
	Alaska .....	2002.. 2 947
		1997.. N
	Arizona .....	2002.. 26 063
		1997.. N
	Arkansas .....	2002.. 4 660
		1997.. N
	California .....	2002.. 162 299
		1997.. N
	Colorado .....	2002.. 53 835
		1997.. N
	Connecticut .....	2002.. 45 306
		1997.. N
	Delaware .....	2002.. 2 653
		1997.. N
	Florida .....	2002.. 83 108
		1997.. N
	Georgia .....	2002.. 34 475
		1997.. N
	Idaho .....	2002.. 3 717
		1997.. N
	Illinois .....	2002.. 95 484
		1997.. N
	Indiana .....	2002.. 80 132
		1997.. N
	Iowa .....	2002.. 8 027
		1997.. N
	Kansas .....	2002.. 7 524
		1997.. N
	Kentucky .....	2002.. 26 434
		1997.. N
	Louisiana .....	2002.. 12 620
		1997.. N
	Maine .....	2002.. 17 045
		1997.. N
	Maryland .....	2002.. 48 275
		1997.. N
	Massachusetts .....	2002.. 40 488
		1997.. N
	Michigan .....	2002.. 61 423
		1997.. N
	Minnesota .....	2002.. 19 142
		1997.. N
	Mississippi .....	2002.. 3 833
		1997.. N
	Missouri .....	2002.. 20 701
		1997.. N
	Montana .....	2002.. 2 066
	1997.. N	
Nebraska .....	2002.. 5 985	
	1997.. N	
New Hampshire .....	2002.. 6 248	
	1997.. N	
New Jersey .....	2002.. 22 218	
	1997.. N	
New Mexico .....	2002.. 3 050	
	1997.. N	
New York .....	2002.. 178 643	
	1997.. N	
North Carolina .....	2002.. 30 755	
	1997.. N	
Ohio .....	2002.. 47 408	
	1997.. N	
Oklahoma .....	2002.. 36 650	
	1997.. N	
Oregon .....	2002.. 17 796	
	1997.. N	
Pennsylvania .....	2002.. 48 435	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3149120	Canvas and related products—Con.	
	Pennsylvania—Con.	
	Rhode Island .....	1997.. N
	South Carolina .....	2002.. 8 102
	Tennessee .....	1997.. N
	Texas .....	2002.. 36 791
	Utah .....	1997.. N
	Virginia .....	2002.. 60 438
	Washington .....	1997.. N
	Wisconsin .....	2002.. 77 054
		1997.. N
3149911	Cordage and twine, hard fiber	
	United States .....	2002.. 74 320
	North Carolina .....	1997.. 49 323
		2002.. 21 736
		1997.. 17 259
3149913	Cordage and twine, soft fiber, except cotton	
	United States .....	2002.. 412 234
	Georgia .....	1997.. 503 547
	Maine .....	2002.. 34 279
	New York .....	1997.. N
	Pennsylvania .....	2002.. 11 257
	Washington .....	1997.. N
		2002.. 15 939
		1997.. 23 796
		2002.. 59 949
	1997.. 63 312	
3149915	Cordage and twine, cotton	
	United States .....	2002.. 45 220
	New York .....	1997.. 59 002
		2002.. 2 424
		1997.. N
3149920	Tire cord and tire fabrics	
	United States .....	2002.. 1 251 925
	Georgia .....	1997.. 1 294 525
	North Carolina .....	2002.. 90 544
		1997.. N
		2002.. 344 443
		1997.. N
3149991	Recovered fibers, processed mill waste and related products	
	United States .....	2002.. 187 128
		1997.. 436 925
3149993	Paddings and upholstery filling, batting, and wadding (except foam rubber and plastics)	
	United States .....	2002.. 508 604
	California .....	1997.. 562 674
	New York .....	2002.. 24 658
	North Carolina .....	1997.. 58 892
		2002.. 32 940
	1997.. 20 925	
		2002.. 108 197
		1997.. 118 699
3149995	Embroideries, except Schiffl machine products	
	United States .....	2002.. 539 957
	California .....	1997.. 556 538
	Florida .....	2002.. 39 386
	Idaho .....	1997.. 65 824
	Maryland .....	2002.. 18 452
	Michigan .....	1997.. 22 354
	New Jersey .....	2002.. 2 447
	North Carolina .....	1997.. 2 357
	Ohio .....	2002.. 5 501
	Oregon .....	1997.. 4 611
	Pennsylvania .....	2002.. 37 695
	South Carolina .....	1997.. 8 908
	Texas .....	2002.. 48 916
	Virginia .....	1997.. 40 401
		2002.. 33 533
		1997.. 39 480
		2002.. 38 359
		1997.. 36 704
		2002.. 9 017
	1997.. 3 508	
	2002.. 23 290	
	1997.. 19 138	
	2002.. 15 300	
	1997.. 14 193	
	2002.. 12 643	
	1997.. 18 781	
	2002.. 6 251	
	1997.. 5 975	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3149997	Trimmings and findings, other types	
	United States .....	2002.. 242 972
		1997.. 263 810
	California .....	2002.. 7 517
		1997.. 11 801
	Massachusetts .....	2002.. 43 743
		1997.. 47 069
	New Jersey .....	2002.. 29 681
		1997.. 46 272
	New York .....	2002.. 50 427
		1997.. 38 071
3149998	All other miscellaneous fabricated textile products	
	United States .....	2002.. 2 404 902
		1997.. N
	California .....	2002.. 150 782
		1997.. N
	Florida .....	2002.. 37 197
		1997.. N
	Georgia .....	2002.. 602 351
		1997.. N
	Illinois .....	2002.. 64 770
		1997.. N
	Indiana .....	2002.. 31 265
		1997.. N
	Maryland .....	2002.. 8 850
		1997.. N
	Massachusetts .....	2002.. 13 970
		1997.. N
	Minnesota .....	2002.. 21 323
		1997.. N
	Mississippi .....	2002.. 50 838
		1997.. N
	Missouri .....	2002.. 23 781
		1997.. N
	New Jersey .....	2002.. 38 237
		1997.. N
	New York .....	2002.. 60 670
		1997.. N
	North Carolina .....	2002.. 130 477
		1997.. N
	Ohio .....	2002.. 76 283
		1997.. N
	Pennsylvania .....	2002.. 114 266
		1997.. N
South Carolina .....	2002.. 246 426	
	1997.. N	
Tennessee .....	2002.. 110 349	
	1997.. N	
Texas .....	2002.. 91 650	
	1997.. N	
Virginia .....	2002.. 101 204	
	1997.. N	
Washington .....	2002.. 31 958	
	1997.. N	
Wisconsin .....	2002.. 22 200	
	1997.. N	
3151111	Sheer hosiery, women's, misses', and girls', finished, full-length, knee-length, and below the knee	
	United States .....	2002.. 229 248
		1997.. 292 425
3151113	Sheer pantyhose, including tights, women's, misses', and girls', finished, all needles	
	United States .....	2002.. 517 180
		1997.. 1 132 563
	North Carolina .....	2002.. 318 173
		1997.. 671 057
3151115	Sheer hosiery, except socks, women's, misses', and girls', shipped in the greige	
	United States .....	2002.. 109 237
		1997.. 91 169
3151191	Hosiery and socks, men's, finished, seamless, sizes 10 and up	
	United States .....	2002.. 1 265 617
		1997.. 1 300 278
	Alabama .....	2002.. 326 638
		1997.. 246 705
	North Carolina .....	2002.. 565 995
		1997.. 579 632
Pennsylvania .....	2002.. 42 443	
	1997.. N	
3151193	Hosiery, all other types, except sheer, finished	
	United States .....	2002.. 856 939
		1997.. 1 100 974
	Alabama .....	2002.. 118 428
		1997.. 184 947
	North Carolina .....	2002.. 573 831
	1997.. 704 479	
	Tennessee .....	2002.. 79 241
		1997.. 81 333

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3151195	Hosiery, except sheer, seamless, shipped in the greige	
	United States .....	2002.. 127 230
	1997..	224 767
	Alabama .....	2002.. 61 578
	1997..	46 399
3151912	Sweaters, men's and boys', made in knitting mills	North Carolina .....
		2002.. 43 276
		1997.. 104 005
3151914	Sweaters, women's, girls', and infants', made in knitting mills	United States .....
		2002.. 59 532
		1997.. N
3151917	Shirts, dress and sport (including polo, tank tops, sweat and t-shirts), knit, men's and boys', made in knitting mills	New York .....
		2002.. 15 902
		1997.. N
3151918	Shirts, dress and sport (including polo, tank tops, sweat and t-shirts), knit, men's and boys', made in knitting mills	United States .....
		2002.. 310 107
		1997.. N
		California .....
		2002.. 49 584
3151919	Shirts, dress and sport (including polo, tank tops, sweat and t-shirts), knit, men's and boys', made in knitting mills	1997.. N
		New York .....
		2002.. 186 933
		1997.. N
		United States .....
315191A	Shirts and blouses (including polo, tank tops, sweat and t-shirts), knit, women's, girls', and infants', made in knitting mills	2002.. 454 825
		1997.. 1 657 225
		California .....
		2002.. 42 806
		1997.. 45 642
315191B	Shirts and blouses (including polo, tank tops, sweat and t-shirts), knit, women's, girls', and infants', made in knitting mills	North Carolina .....
		2002.. 234 892
		1997.. 650 781
		United States .....
		2002.. 201 338
315191C	Shirts and blouses (including polo, tank tops, sweat and t-shirts), knit, women's, girls', and infants', made in knitting mills	1997.. N
		California .....
		2002.. 66 273
		1997.. N
		United States .....
315191D	Outerwear (except sweaters, shirts and blouses), knit, made in knitting mills	2002.. 106 419
		1997.. N
		California .....
		2002.. 41 625
		1997.. N
315191E	Outerwear (except sweaters, shirts and blouses), knit, made in knitting mills	New York .....
		2002.. 2 688
		1997.. N
		United States .....
		2002.. 80 472
315191F	Contract receipts for knitting only or knitting and finishing knitting mill products, except underwear and nightwear	1997.. 251 542
		California .....
		2002.. 13 922
		1997.. 42 443
		New Jersey .....
		2002.. 15 248
		1997.. 28 382
		North Carolina .....
		2002.. 16 153
1997.. 2 881		
315191G	Contract receipts for knitting only or knitting and finishing knitting mill products, except underwear and nightwear	Pennsylvania .....
		2002.. 11 635
		1997.. 10 020
		United States .....
		2002.. 54 562
315191H	Gloves and mittens, made in knitting mills	1997.. 89 166
		North Carolina .....
		2002.. 33 500
315191I	Gloves and mittens, made in knitting mills	1997.. 43 144
		United States .....
		2002.. 39 204
315191J	Apparel products (except outerwear, gloves and mittens, underwear, and nightwear), other types (hats, mufflers, scarves, etc.), made in knitting mills	1997.. N
		United States .....
3151921	Underwear, nightwear, and robes, men's and boys', knit, made in knitting mills	2002.. 338 232
		1997.. 514 835
		United States .....
3151922	Underwear, nightwear, and robes, men's and boys', knit, made in knitting mills	United States .....
		2002.. 434 039
		1997.. N
		Pennsylvania .....
		2002.. 48 537
3151923	Underwear, nightwear, and robes, men's and boys', knit, made in knitting mills	1997.. N
		United States .....
		2002.. —
3151924	Contract receipts for knitting only or knitting and finishing underwear and nightwear	1997.. N
		United States .....
3152111	Contract receipts for men's and boys' tailored suits, coats, jackets, and vests	United States .....
		2002.. 94 602
		1997.. 317 987
		Alabama .....
		2002.. 4 828
		1997.. 28 785
		California .....
		2002.. 24 181
		1997.. 16 202
		Georgia .....
		2002.. 15 352
1997.. 55 873		
3152112	Contract receipts for men's and boys' tailored suits, coats, jackets, and vests	Massachusetts .....
		2002.. 4 175
		1997.. 8 811

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3152111	Contract receipts for men's and boys' tailored suits, coats, jackets, and vests—Con.	
	New Jersey .....	2002.. 14 591
	.....	1997.. 8 339
	New York .....	2002.. 9 172
	.....	1997.. 10 556
3152113	Contract receipts for men's and boys' shirts, except work shirts	
	United States .....	2002.. 216 448
	.....	1997.. 536 523
	California .....	2002.. 15 236
	.....	1997.. 24 938
3152116	Contract receipts for men's and boys' underwear and nightwear, including robes	
	United States .....	2002.. 28 044
	.....	1997.. N
	California .....	2002.. 5 734
	.....	1997.. N
3152118	Contract receipts for men's and boys' pants, work apparel, and other outerwear	
	United States .....	2002.. 375 322
	.....	1997.. N
	California .....	2002.. 91 107
	.....	1997.. N
	Florida .....	2002.. 2 956
	.....	1997.. N
	Georgia .....	2002.. 20 416
	.....	1997.. N
	Kentucky .....	2002.. 32 528
	.....	1997.. N
	Missouri .....	2002.. 3 789
	.....	1997.. N
	New York .....	2002.. 16 687
	.....	1997.. N
	North Carolina .....	2002.. 84 245
	.....	1997.. N
	Pennsylvania .....	2002.. 8 373
	.....	1997.. N
Tennessee .....	2002.. 12 913	
.....	1997.. N	
Texas .....	2002.. 12 957	
.....	1997.. N	
Virginia .....	2002.. 2 619	
.....	1997.. N	
Washington .....	2002.. 6 822	
.....	1997.. N	
315211A	Contract receipts for men's and boys' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories	
	United States .....	2002.. 81 009
	.....	1997.. N
	California .....	2002.. 17 288
	.....	1997.. N
	New Jersey .....	2002.. 3 523
	.....	1997.. N
	North Carolina .....	2002.. 4 250
.....	1997.. N	
3152121	Contract receipts for women's, misses', girls', and infants' shirts and blouses	
	United States .....	2002.. 442 951
	.....	1997.. 511 214
	California .....	2002.. 201 986
	.....	1997.. 170 816
	Illinois .....	2002.. 3 017
	.....	1997.. 2 154
	Massachusetts .....	2002.. 12 374
	.....	1997.. 2 121
	New Jersey .....	2002.. 35 080
.....	1997.. 20 315	
3152123	Contract receipts for women's, girls', and infants' dresses	
	United States .....	2002.. 446 386
	.....	1997.. 1 027 767
	California .....	2002.. 157 471
	.....	1997.. 346 910
	Florida .....	2002.. 27 353
.....	1997.. 28 927	
Illinois .....	2002.. 5 600	
.....	1997.. 41 263	
Kentucky .....	2002.. 2 269	
.....	1997.. N	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3152123	Contract receipts for women's, girls', and infants' dresses—Con.	
	New Jersey .....	2002 .. 2 470
	.....	1997 .. 29 242
	New York .....	2002 .. 68 833
	.....	1997 .. 347 677
	North Carolina .....	2002 .. 11 500
	.....	1997 .. 20 243
	Pennsylvania .....	2002 .. 72 612
	.....	1997 .. 79 629
	South Carolina .....	2002 .. 12 600
.....	1997 .. 22 562	
Tennessee .....	2002 .. 3 178	
.....	1997 .. 6 507	
Texas .....	2002 .. 15 681	
.....	1997 .. 8 612	
3152125	Contract receipts for women's, girls', and infants' skirts, tailored suits, coats, jackets, and vests	
	United States .....	2002 .. 258 597
	.....	1997 .. 372 099
	California .....	2002 .. 194 057
	.....	1997 .. 53 992
	New Jersey .....	2002 .. 3 266
	.....	1997 .. 93 026
New York .....	2002 .. 26 280	
.....	1997 .. 70 661	
Texas .....	2002 .. 4 680	
.....	1997 .. 7 740	
3152127	Contract receipts for women's, girls', and infants' nontailored coats, jackets, and vests, pants, shorts, swimwear, sweaters, and other outerwear	
	United States .....	2002 .. 702 434
	.....	1997 .. 1 779 161
	Arizona .....	2002 .. 7 658
	.....	1997 .. N
	California .....	2002 .. 255 775
	.....	1997 .. 636 617
	Florida .....	2002 .. 18 200
	.....	1997 .. 46 840
	Georgia .....	2002 .. 9 558
	.....	1997 .. 31 889
	Illinois .....	2002 .. 5 184
	.....	1997 .. 10 945
	New Jersey .....	2002 .. 10 052
	.....	1997 .. 46 127
	New York .....	2002 .. 150 441
	.....	1997 .. 375 080
	North Carolina .....	2002 .. 65 445
	.....	1997 .. 35 532
	Pennsylvania .....	2002 .. 30 063
.....	1997 .. 105 277	
South Carolina .....	2002 .. 9 862	
.....	1997 .. 40 452	
Tennessee .....	2002 .. 37 796	
.....	1997 .. 24 009	
Texas .....	2002 .. 9 771	
.....	1997 .. 94 580	
Washington .....	2002 .. 9 609	
.....	1997 .. 19 952	
3152128	Contract receipts for women's, girls', and infants' underwear and nightwear, including robes and foundation garments	
	United States .....	2002 .. 25 725
	.....	1997 .. N
Pennsylvania .....	2002 .. 3 531	
.....	1997 .. N	
315212A	Contract receipts for women's, girls', and infants' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories	
	United States .....	2002 .. 35 474
	.....	1997 .. N
	California .....	2002 .. 9 300
.....	1997 .. N	
New Jersey .....	2002 .. 4 337	
.....	1997 .. N	
3152210	Men's and boys' knit underwear, nightwear, and robes, made from purchased fabrics	
	United States .....	2002 .. 246 151
	.....	1997 .. N
	California .....	2002 .. 15 665
	.....	1997 .. N
	Florida .....	2002 .. 5 177
	.....	1997 .. N
	Kentucky .....	2002 .. 73 192
.....	1997 .. N	
North Carolina .....	2002 .. 38 494	
.....	1997 .. N	
Pennsylvania .....	2002 .. 5 202	
.....	1997 .. N	
3152222	Men's and boys' tailored suits, including dress uniforms (firefighter, military, police, etc.), made from purchased fabrics	
	United States .....	2002 .. 519 685
	.....	1997 .. N
	California .....	2002 .. 21 198
	.....	1997 .. N
Maryland .....	2002 .. 40 665	
.....	1997 .. N	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3152222	Men's and boys' tailored suits, including dress uniforms (firefighter, military, police, etc.), made from purchased fabrics—Con.	
	Massachusetts .....	2002.. 21 029
		1997.. N
	New York .....	2002.. 128 562
		1997.. N
3152224	Men's and boys' tailored overcoats, topcoats, car and suburban coats (including water-repellent), made from purchased fabrics	
	United States .....	2002.. 96 928
		1997.. N
	Massachusetts .....	2002.. 30 770
		1997.. N
3152226	Men's and boys' tailored dress and sport coats and vests, made from purchased fabrics	
	United States .....	2002.. 293 564
		1997.. N
	Maryland .....	2002.. 6 767
		1997.. N
3152231	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	
	United States .....	2002.. 1 081 535
		1997.. 4 079 816
	California .....	2002.. 273 869
		1997.. 542 925
3152233	Men's and boys' woven dress and sport shirts, made from purchased fabrics	
	United States .....	2002.. 368 761
		1997.. 984 106
	California .....	2002.. 79 357
		1997.. 90 868
3152242	Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics	
	United States .....	2002.. 1 424 033
		1997.. N
	Maryland .....	2002.. 17 501
		1997.. N
3152244	Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics	
	United States .....	2002.. 2 584 804
3152251	Men's and boys' work shirts, made from purchased fabrics	
	United States .....	2002.. 450 921
		1997.. 481 142
	California .....	2002.. 72 607
		1997.. 54 679
3152254	Men's and boys' workpants (except jeans), work jackets, coveralls, overalls, jumpsuits, and washable service apparel, including hospital patient wear (except disposable), made from purchased fabrics	
	United States .....	2002.. 1 232 344
		1997.. N
	California .....	2002.. 61 547
		1997.. N
3152282	Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics	
	United States .....	2002.. 373 987
		1997.. N
	California .....	2002.. 39 232
		1997.. N
	New York .....	2002.. 8 676
		1997.. N
	Oregon .....	2002.. 3 638
		1997.. N
	Pennsylvania .....	2002.. 27 698
		1997.. N
Tennessee .....	2002.. 54 690	
	1997.. N	
Washington .....	2002.. 15 277	
	1997.. N	
Wisconsin .....	2002.. 8 347	
	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3152284	Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics	
	United States .....	2002 .. 442 714
	California .....	1997 .. N
	Mississippi .....	2002 .. 104 510
	New York .....	1997 .. N
	Pennsylvania .....	2002 .. 53 251
	Pennsylvania .....	1997 .. N
3152286	Men's and boys' sweaters, sweatpants, jogging and warm-up suits, playsuits, beachwear (except swimsuits), and ski apparel, made from purchased fabrics	
	United States .....	2002 .. 204 897
	California .....	1997 .. N
	New York .....	2002 .. 32 554
	Oregon .....	1997 .. N
	Pennsylvania .....	2002 .. 12 202
	Pennsylvania .....	1997 .. N
3152311	Women's and girls' underwear, except foundation garments, made from purchased fabrics	
	United States .....	2002 .. 367 037
	California .....	1997 .. 1 193 903
	New York .....	2002 .. 20 447
	Pennsylvania .....	1997 .. 69 466
	Pennsylvania .....	2002 .. 6 791
	Pennsylvania .....	1997 .. 26 293
3152313	Women's and girls' nightwear, except robes, made from purchased fabrics	
	United States .....	2002 .. 256 728
	California .....	1997 .. 522 806
3152315	Women's and girls' brassieres, bra-lettes, and bandeaux, made from purchased fabrics	
	United States .....	2002 .. 1 065 703
	California .....	1997 .. 1 458 432
	New York .....	2002 .. 22 489
	New York .....	1997 .. 41 615
	New York .....	2002 .. 14 890
	New York .....	1997 .. 61 445
3152318	Women's and girls' corsets (except surgical), girdles, and combinations, made from purchased fabrics	
	United States .....	2002 .. 56 450
	New York .....	1997 .. N
3152319	Women's and girls' robes and dressing gowns, made from purchased fabrics	
	United States .....	2002 .. 66 783
	United States .....	1997 .. 230 611
3152321	Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	
	United States .....	2002 .. 1 614 339
	California .....	1997 .. 2 243 507
	California .....	2002 .. 890 955
	Hawaii .....	1997 .. 824 333
	New Jersey .....	2002 .. 7 216
	New Jersey .....	1997 .. 4 135
	New Jersey .....	2002 .. 40 985
	New York .....	1997 .. 215 164
	New York .....	2002 .. 223 908
	Pennsylvania .....	1997 .. 415 264
	Pennsylvania .....	2002 .. 107 840
	Pennsylvania .....	1997 .. 75 240
3152323	Women's and girls' woven shirts and blouses, made from purchased fabrics	
	United States .....	2002 .. 1 232 060
	California .....	1997 .. 1 826 263
	California .....	2002 .. 762 859
	Hawaii .....	1997 .. 925 942
	New Jersey .....	2002 .. 4 347
	New Jersey .....	1997 .. 3 505
	New Jersey .....	2002 .. 22 640
	New York .....	1997 .. 71 246
	New York .....	2002 .. 332 185
	Pennsylvania .....	1997 .. 488 177
	Pennsylvania .....	2002 .. 53 622
	Pennsylvania .....	1997 .. 108 819
3152330	Women's and girls' dresses, made from purchased fabrics	
	United States .....	2002 .. 3 013 378
	California .....	1997 .. 4 607 780
	California .....	2002 .. 1 404 321
	Florida .....	1997 .. N
	Florida .....	2002 .. 29 637
Florida .....	1997 .. N	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3152330	Women's and girls' dresses, made from purchased fabrics—Con.	
	Hawaii ..... 2002 ..	12 406
	..... 1997 ..	N
	Illinois ..... 2002 ..	30 247
	..... 1997 ..	N
	Louisiana ..... 2002 ..	2 897
	..... 1997 ..	N
	Massachusetts ..... 2002 ..	3 145
	..... 1997 ..	N
	New Jersey ..... 2002 ..	37 067
	..... 1997 ..	N
	New York ..... 2002 ..	1 110 778
	..... 1997 ..	N
Pennsylvania ..... 2002 ..	120 392	
..... 1997 ..	N	
Tennessee ..... 2002 ..	13 330	
..... 1997 ..	N	
Texas ..... 2002 ..	144 113	
..... 1997 ..	N	
3152342	Women's and girls' tailored coats and capes, including water-repellent (except fur, leather, down- and feather-filled), made from purchased fabrics	
	United States ..... 2002 ..	234 298
	..... 1997 ..	N
	California ..... 2002 ..	38 902
	..... 1997 ..	N
New York ..... 2002 ..	128 922	
..... 1997 ..	N	
3152344	Women's and girls' tailored suits and pantsuits, including dress uniforms (firefighter, military, police, etc), made from purchased fabrics	
	United States ..... 2002 ..	163 838
	..... 1997 ..	N
	California ..... 2002 ..	34 787
	..... 1997 ..	N
New York ..... 2002 ..	101 489	
..... 1997 ..	N	
3152346	Women's and girls' skirts, made from purchased fabrics	
	United States ..... 2002 ..	697 051
	..... 1997 ..	N
	California ..... 2002 ..	199 213
	..... 1997 ..	N
	Georgia ..... 2002 ..	2 787
	..... 1997 ..	N
	New Jersey ..... 2002 ..	20 990
	..... 1997 ..	N
	New York ..... 2002 ..	275 041
..... 1997 ..	N	
Pennsylvania ..... 2002 ..	5 168	
..... 1997 ..	N	
Texas ..... 2002 ..	11 735	
..... 1997 ..	N	
3152348	Women's and girls' tailored jackets and vests, except fur and leather, made from purchased fabrics	
	United States ..... 2002 ..	294 741
	..... 1997 ..	N
	California ..... 2002 ..	25 491
	..... 1997 ..	N
	New Jersey ..... 2002 ..	42 787
	..... 1997 ..	N
	New York ..... 2002 ..	159 722
..... 1997 ..	N	
Texas ..... 2002 ..	7 767	
..... 1997 ..	N	
3152392	Women's and girls' sweaters, including sweater vests, made from purchased fabrics	
	United States ..... 2002 ..	223 452
	..... 1997 ..	N
	California ..... 2002 ..	60 916
	..... 1997 ..	N
	New York ..... 2002 ..	67 523
..... 1997 ..	N	
Pennsylvania ..... 2002 ..	13 361	
..... 1997 ..	N	
3152394	Women's and girls' shorts, including tennis skirts, made from purchased fabrics	
	United States ..... 2002 ..	551 639
	..... 1997 ..	N
	California ..... 2002 ..	200 954
	..... 1997 ..	N
	New York ..... 2002 ..	100 022
..... 1997 ..	N	
Pennsylvania ..... 2002 ..	36 420	
..... 1997 ..	N	
3152396	Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics	
	United States ..... 2002 ..	2 389 556
	..... 1997 ..	N
	California ..... 2002 ..	1 024 635
	..... 1997 ..	N
	Florida ..... 2002 ..	23 009
	..... 1997 ..	N
	Georgia ..... 2002 ..	15 552
..... 1997 ..	N	
Kentucky ..... 2002 ..	118 551	
..... 1997 ..	N	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3152396	Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics— Con.	
	New Jersey ..... 2002..	76 570
	..... 1997..	N
	New York ..... 2002..	326 120
	..... 1997..	N
	North Carolina ..... 2002..	15 831
	..... 1997..	N
	Pennsylvania ..... 2002..	57 322
	..... 1997..	N
	Tennessee ..... 2002..	18 429
	..... 1997..	N
	Texas ..... 2002..	307 458
	..... 1997..	N
3152398	Women's and girls' sweatpants, bodysuits and bodyshirts, jogging and warm-up suits, playsuits, rompers, and beachwear (except swimwear), made from purchased fabrics	
	United States ..... 2002..	208 068
	..... 1997..	N
	California ..... 2002..	70 496
	..... 1997..	N
315239A	Women's and girls' swimwear, made from purchased fabrics	
	United States ..... 2002..	639 666
	..... 1997..	N
	California ..... 2002..	346 709
	..... 1997..	N
	New York ..... 2002..	56 663
	..... 1997..	N
315239C	Women's and girls' nontailored coats, jackets, and vests (including water-repellent, down- and feather-filled, and ski apparel), made from purchased fabrics	
	United States ..... 2002..	164 841
	..... 1997..	N
	California ..... 2002..	65 755
	..... 1997..	N
	Massachusetts ..... 2002..	8 563
	..... 1997..	N
	New Jersey ..... 2002..	4 621
	..... 1997..	N
	Pennsylvania ..... 2002..	10 748
	..... 1997..	N
315239E	Women's and girls' washable service apparel (including hospital patient wear (except disposable), coveralls, overalls, and jumpsuits), made from purchased fabrics	
	United States ..... 2002..	413 504
	..... 1997..	N
	Alabama ..... 2002..	63 449
	..... 1997..	N
	California ..... 2002..	77 692
	..... 1997..	N
	Kentucky ..... 2002..	36 214
	..... 1997..	N
	Tennessee ..... 2002..	13 274
	..... 1997..	N
3152910	Infants' apparel, made from purchased fabrics	
	United States ..... 2002..	240 606
	..... 1997..	794 910
	California ..... 2002..	37 488
	..... 1997..	N
	Georgia ..... 2002..	56 414
	..... 1997..	N
	New York ..... 2002..	13 581
	..... 1997..	N
3152921	Fur garments, accessories, and trimmings (coats, capes, jackets, neck pieces, fur linings, etc.)	
	United States ..... 2002..	42 663
	..... 1997..	94 647
	New York ..... 2002..	31 823
	..... 1997..	72 498
3152925	Leather and sheep-lined clothing	
	United States ..... 2002..	125 556
	..... 1997..	108 192
	California ..... 2002..	48 646
	..... 1997..	36 847
	New York ..... 2002..	46 052
	..... 1997..	27 519
3152991	Team sport uniforms, men's and boys'	
	United States ..... 2002..	217 991
	..... 1997..	206 515
	California ..... 2002..	23 456
	..... 1997..	11 221
	Iowa ..... 2002..	19 340
	..... 1997..	N
	Tennessee ..... 2002..	37 332
	..... 1997..	50 536
	Texas ..... 2002..	13 273
	..... 1997..	19 394

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3152993	Team sport uniforms, women's and girls'	
	United States .....	2002.. 71 256
	Pennsylvania .....	1997.. 72 986
	Pennsylvania .....	2002.. 28 953
		1997.. N
3152995	Vestments and costumes	
	United States .....	2002.. 504 835
	California .....	1997.. 410 785
	California .....	2002.. 77 397
	Massachusetts .....	1997.. 67 065
	Massachusetts .....	2002.. 5 375
	Pennsylvania .....	1997.. 2 721
	Pennsylvania .....	2002.. 25 259
Virginia .....	1997.. 13 895	
		2002.. 32 100
		1997.. 20 545
3152997	Apparel, plastic or rubber (50% or greater), including raincoats and rubber pants (except wet suits)	
	United States .....	2002.. 38 236
		1997.. N
3159912	Hats and caps, fabric, straw, and felt, men's and boys'	
	United States .....	2002.. 166 042
	New York .....	1997.. N
	New York .....	2002.. 3 319
	Pennsylvania .....	1997.. N
	Pennsylvania .....	2002.. 32 645
	Texas .....	1997.. N
	Texas .....	2002.. 47 506
		1997.. N
3159915	Hats and caps (fabric, straw, and felt), women's, girls', and infants'	
	United States .....	2002.. 36 008
	New York .....	1997.. 102 084
	New York .....	2002.. 11 447
		1997.. 33 779
3159916	Hat bodies and fabric caps	
	United States .....	2002.. 249 944
	California .....	1997.. N
	California .....	2002.. 18 770
	New York .....	1997.. N
	New York .....	2002.. 61 389
Texas .....	1997.. N	
		2002.. 15 160
		1997.. N
3159921	Gloves and mittens, made from purchased fabrics	
	United States .....	2002.. 58 979
		1997.. 310 970
3159923	Gloves and mittens, leather-and-fabric combinations, made from purchased leather and fabrics	
	United States .....	2002.. 13 317
		1997.. 29 764
3159925	Gloves and mittens, all leather, made from purchased leather	
	United States .....	2002.. 46 607
	Wisconsin .....	1997.. 90 291
	Wisconsin .....	2002.. 6 087
		1997.. 10 184
3159930	Men's and boys' neckwear	
	United States .....	2002.. 344 965
	California .....	1997.. 539 871
	California .....	2002.. 111 505
	New Jersey .....	1997.. N
	New Jersey .....	2002.. 4 100
	New York .....	1997.. N
	New York .....	2002.. 147 972
	North Carolina .....	1997.. N
	North Carolina .....	2002.. 4 160
		1997.. N
3159991	Neckware (scarfs, dickies, etc.), women's and girls'	
	United States .....	2002.. 19 494
		1997.. 29 856
3159995	Leather belts	
	United States .....	2002.. 426 871
	California .....	1997.. 408 874
	California .....	2002.. 140 464
	New York .....	1997.. 123 925
New York .....	2002.. 77 819	
		1997.. 59 905
3159997	Belts, except leather	
	United States .....	2002.. 46 108
	California .....	1997.. 50 941
	California .....	2002.. 26 002
	New York .....	1997.. 16 643
	New York .....	2002.. 4 246
		1997.. 18 862

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3159999	Apparel accessories (including aprons, bibs, rainhats, and shower and bathing caps), plastic or rubber (50 percent or greater)		
	United States .....	2002.. 58 602 1997.. N	
315999A	Hose supporters, arm bands, suspenders, and handkerchiefs		
	United States .....	2002.. 43 988 1997.. 53 624	
315999D	Apparel accessories, all other types (apparel findings, trimmings, etc.), fabricated		
	United States .....	2002.. 279 090 1997.. N	
	California .....	2002.. 16 960 1997.. N	
	New York .....	2002.. 48 838 1997.. N	
	North Carolina .....	2002.. 27 636 1997.. N	
	Texas .....	2002.. 2 679 1997.. N	
	3161101	Leather, finished and unfinished	
		United States .....	2002.. 1 879 475 1997.. 3 205 197
California .....		2002.. 8 752 1997.. 58 144	
New York .....		2002.. 43 642 1997.. 67 817	
3161104	Contract and commission receipts for tanning or finishing leather owned by others		
	United States .....	2002.. 89 930 1997.. 131 233	
3161107	Furs, dressed and dyed or bleached		
	United States .....	2002.. 11 487 1997.. 19 875	
3162111	Rubber and plastics footwear, protective		
	United States .....	2002.. 120 051 1997.. 265 161	
	New Hampshire .....	2002.. 15 917 1997.. N	
	3162114	Rubber and plastics shoes (except sandals and slippers), soles vulcanized, molded, or cemented to fabric uppers	
United States .....		2002.. 348 657 1997.. 614 260	
New Hampshire .....		2002.. 19 158 1997.. N	
3162120		House slippers and slipper socks	
	United States .....	2002.. 84 618 1997.. 192 446	
3162130	Men's footwear (size 6 and larger), except athletic		
	United States .....	2002.. 956 807 1997.. 1 679 921	
	California .....	2002.. 97 120 1997.. N	
	Maine .....	2002.. 54 945 1997.. N	
	Massachusetts .....	2002.. 22 627 1997.. N	
	New York .....	2002.. 15 536 1997.. N	
	Tennessee .....	2002.. 40 004 1997.. N	
	Texas .....	2002.. 94 328 1997.. N	
	Wisconsin .....	2002.. 88 904 1997.. N	
	3162140	Women's footwear (size 4 and larger), except athletic	
		United States .....	2002.. 263 398 1997.. 744 752
California .....		2002.. 62 753 1997.. N	
Missouri .....		2002.. 8 145 1997.. N	
New York .....		2002.. 19 011 1997.. N	
3162190		Other footwear, except rubber	
	United States .....	2002.. 135 233 1997.. 219 630	
	California .....	2002.. 21 305 1997.. N	
	Florida .....	2002.. 2 044 1997.. N	
	Georgia .....	2002.. 15 186 1997.. N	
	New York .....	2002.. 5 440 1997.. N	
	Pennsylvania .....	2002.. 12 200 1997.. N	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3162190	Other footwear, except rubber—Con.	
	Texas .....	9 819
	..... 2002..	N
	..... 1997..	
3169910	Luggage	
	United States .....	508 453
	..... 2002..	1 096 427
	..... 1997..	
	Arizona .....	5 899
	..... 2002..	N
	..... 1997..	
	Arkansas .....	3 792
	..... 2002..	N
	..... 1997..	
	California .....	141 545
	..... 2002..	N
	..... 1997..	
	Connecticut .....	9 429
	..... 2002..	N
	..... 1997..	
	Florida .....	18 210
	..... 2002..	N
	..... 1997..	
	Illinois .....	20 874
	..... 2002..	N
	..... 1997..	
	Iowa .....	18 843
	..... 2002..	N
	..... 1997..	
	Maryland .....	2 226
	..... 2002..	N
	..... 1997..	
	Massachusetts .....	7 193
	..... 2002..	N
	..... 1997..	
	New Jersey .....	3 857
	..... 2002..	N
	..... 1997..	
	New York .....	26 274
	..... 2002..	N
	..... 1997..	
	North Carolina .....	7 600
	..... 2002..	N
	..... 1997..	
	Ohio .....	24 843
	..... 2002..	N
	..... 1997..	
	Oregon .....	2 514
	..... 2002..	N
	..... 1997..	
	Pennsylvania .....	6 581
	..... 2002..	N
	..... 1997..	
	Rhode Island .....	3 936
	..... 2002..	N
	..... 1997..	
	Texas .....	21 714
	..... 2002..	N
	..... 1997..	
	Utah .....	3 828
	..... 2002..	N
	..... 1997..	
	Washington .....	3 236
	..... 2002..	N
	..... 1997..	
	Wisconsin .....	4 756
	..... 2002..	N
	..... 1997..	
3169920	Women's and children's handbags and purses	
	United States .....	211 113
	..... 2002..	250 951
	..... 1997..	
	California .....	70 341
	..... 2002..	N
	..... 1997..	
	Florida .....	3 308
	..... 2002..	N
	..... 1997..	
	New York .....	29 941
	..... 2002..	N
	..... 1997..	
3169930	All other personal leather goods	
	United States .....	289 282
	..... 2002..	494 453
	..... 1997..	
	California .....	69 919
	..... 2002..	N
	..... 1997..	
	Florida .....	4 839
	..... 2002..	N
	..... 1997..	
	Illinois .....	10 371
	..... 2002..	N
	..... 1997..	
	Indiana .....	8 962
	..... 2002..	N
	..... 1997..	
	Massachusetts .....	8 522
	..... 2002..	N
	..... 1997..	
	Missouri .....	9 577
	..... 2002..	N
	..... 1997..	
	New York .....	39 062
	..... 2002..	N
	..... 1997..	
	North Carolina .....	5 746
	..... 2002..	N
	..... 1997..	
	Ohio .....	7 788
	..... 2002..	N
	..... 1997..	
	Pennsylvania .....	4 034
	..... 2002..	N
	..... 1997..	
	Rhode Island .....	18 133
	..... 2002..	N
	..... 1997..	
	Tennessee .....	11 820
	..... 2002..	N
	..... 1997..	
	Texas .....	8 871
	..... 2002..	N
	..... 1997..	
	Washington .....	2 678
	..... 2002..	N
	..... 1997..	
3169991	Boot and shoe cut stock and findings	
	United States .....	78 345
	..... 2002..	165 174
	..... 1997..	
	California .....	4 483
	..... 2002..	N
	..... 1997..	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3169994	All other miscellaneous leather goods	
	United States .....	2002.. 478 157
		1997.. 574 335
	Alabama .....	2002.. 4 225
		1997.. 3 542
	California .....	2002.. 60 159
		1997.. 115 887
	Colorado .....	2002.. 7 363
		1997.. 3 576
	Illinois .....	2002.. 62 294
		1997.. N
	Indiana .....	2002.. 8 284
		1997.. 4 908
	Ohio .....	2002.. 71 055
		1997.. 68 295
Oklahoma .....	2002.. 10 885	
	1997.. 16 866	
Oregon .....	2002.. 6 667	
	1997.. 6 225	
Washington .....	2002.. 3 566	
	1997.. N	
3211131	Lumber, hardwood, made in sawmills	
	United States .....	2002.. 3 783 369
		1997.. 3 954 467
	Arkansas .....	2002.. 100 094
		1997.. 117 184
	California .....	2002.. 3 790
		1997.. 2 233
	Illinois .....	2002.. 8 812
		1997.. 20 079
	Indiana .....	2002.. 145 893
		1997.. 119 004
	Iowa .....	2002.. 39 032
		1997.. 40 918
	Kentucky .....	2002.. 209 241
		1997.. 250 762
	Louisiana .....	2002.. 44 249
		1997.. 64 139
	Maine .....	2002.. 36 875
		1997.. 24 234
	Maryland .....	2002.. 34 584
		1997.. 31 959
	Massachusetts .....	2002.. 33 254
		1997.. 10 558
	Michigan .....	2002.. 199 060
		1997.. 122 807
	Minnesota .....	2002.. 20 636
		1997.. 24 069
	Mississippi .....	2002.. 245 378
		1997.. 207 447
	Missouri .....	2002.. 97 619
		1997.. 99 612
	New Hampshire .....	2002.. 39 080
		1997.. 31 584
	New York .....	2002.. 192 202
		1997.. 286 644
North Carolina .....	2002.. 205 334	
	1997.. 214 942	
Ohio .....	2002.. 145 733	
	1997.. 176 102	
Oklahoma .....	2002.. 6 437	
	1997.. 9 464	
Oregon .....	2002.. 92 357	
	1997.. 67 943	
Pennsylvania .....	2002.. 450 134	
	1997.. 403 610	
Tennessee .....	2002.. 201 589	
	1997.. 264 456	
Texas .....	2002.. 18 544	
	1997.. 51 292	
Vermont .....	2002.. 44 117	
	1997.. 55 871	
Virginia .....	2002.. 186 866	
	1997.. 234 335	
Washington .....	2002.. 176 616	
	1997.. 233 917	
West Virginia .....	2002.. 300 944	
	1997.. 291 561	
Wisconsin .....	2002.. 217 123	
	1997.. 181 704	
3211133	Lumber, softwood, made in sawmills	
	United States .....	2002.. 11 128 870
		1997.. 14 038 252
	Alabama .....	2002.. 625 830
		1997.. 803 149
	Arkansas .....	2002.. 616 491
		1997.. 817 759
	California .....	2002.. 1 181 444
		1 704 769
	Colorado .....	2002.. 20 324
		1997.. 35 359
	Florida .....	2002.. 190 619
		1997.. 244 798
	Georgia .....	2002.. 695 144
		1997.. 998 557
Idaho .....	2002.. 631 175	
	1997.. 806 608	
Kentucky .....	2002.. 3 593	
	1997.. 14 057	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3211133	Lumber, softwood, made in sawmills—Con.	
	Louisiana .....	2002.. 273 910
	1997.. 412 891	
	Maine .....	2002.. 253 658
	1997.. 262 045	
	Maryland .....	2002.. 30 664
	1997.. 29 220	
	Massachusetts .....	2002.. 22 472
	1997.. 10 809	
	Michigan .....	2002.. 79 471
	1997.. 24 857	
	Minnesota .....	2002.. 36 260
	1997.. 46 066	
	Mississippi .....	2002.. 571 137
	1997.. 915 476	
	Montana .....	2002.. 300 182
	1997.. 509 193	
	New Hampshire .....	2002.. 88 563
	1997.. 110 054	
	New York .....	2002.. 66 992
	1997.. 17 856	
	North Carolina .....	2002.. 563 201
	1997.. 618 068	
	Oregon .....	2 011 165
	1997.. 2 415 671	
	Pennsylvania .....	2002.. 15 705
	1997.. 9 254	
	South Carolina .....	2002.. 373 174
	1997.. 532 022	
	Tennessee .....	2002.. 9 706
	1997.. 7 301	
	Texas .....	2002.. 376 363
1997.. 424 550		
Vermont .....	2002.. 31 262	
1997.. 45 337		
Virginia .....	2002.. 172 750	
1997.. 234 115		
Washington .....	1 509 620	
1997.. 1 588 336		
Wisconsin .....	2002.. 73 259	
1997.. 24 224		
Wyoming .....	2002.. 58 493	
1997.. 73 182		
3211135	Wood chips, except field	
	United States .....	2002.. 1 769 824
	1997.. 2 593 967	
	Alabama .....	2002.. 144 269
	1997.. 279 891	
	Arkansas .....	2002.. 114 541
	1997.. 153 271	
	California .....	2002.. 22 447
	1997.. 64 458	
	Florida .....	2002.. 69 007
	1997.. 105 579	
	Georgia .....	2002.. 213 495
	1997.. 305 966	
	Kentucky .....	2002.. 23 422
	1997.. 14 788	
	Louisiana .....	2002.. 58 510
	1997.. 118 003	
	Maine .....	2002.. 64 006
	1997.. 37 378	
	Mississippi .....	2002.. 95 825
	1997.. 197 818	
	Missouri .....	2002.. 3 809
	1997.. 3 164	
	New Hampshire .....	2002.. 9 390
	1997.. 14 353	
	North Carolina .....	2002.. 135 723
	1997.. 180 623	
	Ohio .....	2002.. 11 862
	1997.. 8 001	
	Oregon .....	2002.. 155 800
	1997.. 258 275	
	Pennsylvania .....	2002.. 17 304
1997.. 25 104		
South Carolina .....	2002.. 74 491	
1997.. 139 477		
Tennessee .....	2002.. 15 145	
1997.. 16 856		
Texas .....	2002.. 112 272	
1997.. 123 050		
Virginia .....	2002.. 44 278	
1997.. 39 304		
Washington .....	2002.. 198 929	
1997.. 274 836		
West Virginia .....	2002.. 39 219	
1997.. 20 231		
Wisconsin .....	2002.. 39 834	
1997.. 26 459		
3211137	Wood ties, siding, shingles, shakes and contract sawing of logs owned by others	
	United States .....	2002.. 252 102
	1997.. 239 072	
	Arkansas .....	2002.. 26 569
	1997.. 20 601	
	California .....	2002.. 5 511
	1997.. 42 503	
Indiana .....	2002.. 7 600	
1997.. N		

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3211137	Wood ties, siding, shingles, shakes and contract sawing of logs owned by others—Con.	
	Kentucky .....	2002.. 23 740
	.....	1997.. 5 083
	Louisiana .....	2002.. 7 646
	.....	1997.. 5 372
	Maine .....	2002.. 21 658
	.....	1997.. 3 010
	Mississippi .....	2002.. 13 682
	.....	1997.. 4 347
	North Carolina .....	2002.. 2 603
	.....	1997.. 2 204
	Oregon .....	2002.. 2 122
	.....	1997.. 6 466
	Pennsylvania .....	2002.. 5 476
	.....	1997.. 6 671
	Tennessee .....	2002.. 5 889
.....	1997.. 6 426	
Texas .....	2002.. 2 524	
.....	1997.. 7 057	
Virginia .....	2002.. 8 748	
.....	1997.. 11 340	
Washington .....	2002.. 13 114	
.....	1997.. 54 651	
Wisconsin .....	2002.. 4 893	
.....	1997.. 7 405	
3211141	Wood poles, piles, and posts, owned and treated by the same establishment	
	United States .....	2002.. 920 410
	.....	1997.. 561 544
	Alabama .....	2002.. 219 309
	.....	1997.. 135 885
	Florida .....	2002.. 75 629
	.....	1997.. 20 597
	Georgia .....	2002.. 149 526
	.....	1997.. 63 039
	Mississippi .....	2002.. 42 908
	.....	1997.. 50 207
	Oregon .....	2002.. 25 053
	.....	1997.. 32 278
	South Carolina .....	2002.. 31 741
	.....	1997.. 43 091
	Washington .....	2002.. 16 142
.....	1997.. N	
Wisconsin .....	2002.. 40 729	
.....	1997.. N	
3211145	Other wood products, owned and treated by the same establishment	
	United States .....	2002.. 2 823 627
	.....	1997.. 3 339 717
	Arkansas .....	2002.. 147 247
	.....	1997.. 146 820
	Florida .....	2002.. 104 860
	.....	1997.. 212 210
	Georgia .....	2002.. 107 428
	.....	1997.. 170 094
	Kentucky .....	2002.. 51 793
	.....	1997.. 52 984
	Louisiana .....	2002.. 80 764
	.....	1997.. 94 863
	Michigan .....	2002.. 64 283
	.....	1997.. 49 543
	Mississippi .....	2002.. 95 619
	.....	1997.. 101 424
	North Carolina .....	2002.. 87 731
	.....	1997.. 186 197
	Ohio .....	2002.. 51 996
	.....	1997.. 121 082
	Oregon .....	2002.. 160 658
	.....	1997.. 57 753
	Pennsylvania .....	2002.. 141 854
.....	1997.. 188 325	
South Carolina .....	2002.. 200 365	
.....	1997.. 259 440	
Texas .....	2002.. 180 028	
.....	1997.. 158 745	
Virginia .....	2002.. 308 014	
.....	1997.. 218 280	
Washington .....	2002.. 172 730	
.....	1997.. 191 012	
West Virginia .....	2002.. 44 878	
.....	1997.. 67 400	
Wisconsin .....	2002.. 82 591	
.....	1997.. 85 092	
3211149	Contract wood preservation	
	United States .....	2002.. 165 571
	.....	1997.. 125 584
	Mississippi .....	2002.. 3 574
	.....	1997.. N
	Oregon .....	2002.. 14 990
	.....	1997.. 14 726
	South Carolina .....	2002.. 4 592
	.....	1997.. 2 510
	Washington .....	2002.. 12 986
.....	1997.. 8 009	
Wisconsin .....	2002.. 4 090	
.....	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3212111	Hardwood veneer, including veneer backed with paper, cloth, or other flexible material	
	United States.....	2002.. 1 121 230
		1997.. 967 784
	Alabama.....	2002.. 36 394
		1997.. 40 732
	Indiana.....	2002.. 184 481
		1997.. 149 618
	Michigan.....	2002.. 103 937
		1997.. 95 307
	North Carolina.....	2002.. 114 420
		1997.. 113 413
	Virginia.....	2002.. 81 540
		1997.. 54 069
	Wisconsin.....	2002.. 121 922
	1997.. 96 376	
3212113	Hardwood plywood, except prefinished made from purchased	
	United States.....	2002.. 1 049 725
		1997.. 1 178 478
	California.....	2002.. 33 454
		1997.. 29 343
	North Carolina.....	2002.. 159 549
	1997.. 191 468	
	2002.. 3 792	
	1997.. N	
3212115	Hardwood plywood, prefinished, made from purchased	
	United States.....	2002.. 131 971
	1997.. 153 347	
3212117	Hardwood plywood-type products	
	United States.....	2002.. 476 011
		1997.. 215 480
	Alabama.....	2002.. 11 054
		1997.. N
	Indiana.....	2002.. 99 245
		1997.. 64 567
	Mississippi.....	2002.. 17 448
	1997.. N	
	2002.. 75 019	
	1997.. 17 082	
3212121	Softwood veneer, including veneer backed with paper, cloth, or other flexible material	
	United States.....	2002.. 867 204
		1997.. 754 456
	Alabama.....	2002.. 96 057
		1997.. 36 721
	Louisiana.....	2002.. 126 779
		1997.. 33 950
Oregon.....	2002.. 331 868	
	1997.. 382 449	
3212123	Softwood plywood, rough, including touch sanded, interior and exterior	
	United States.....	2002.. 2 308 338
		1997.. 2 957 731
	Alabama.....	2002.. 140 514
		1997.. 256 470
	Arkansas.....	2002.. 237 496
		1997.. 297 382
	California.....	2002.. 65 503
		1997.. N
	Louisiana.....	2002.. 332 159
		1997.. 387 638
	Oregon.....	2002.. 541 306
		1997.. 589 805
	Texas.....	2002.. 182 629
		1997.. 286 737
Washington.....	2002.. 136 776	
	1997.. 163 429	
3212125	Softwood plywood, sanded, interior and exterior	
	United States.....	2002.. 647 967
		1997.. 805 030
	Alabama.....	2002.. 57 356
		1997.. N
	Louisiana.....	2002.. 41 587
	1997.. 69 002	
	2002.. 156 956	
	1997.. 297 617	
3212128	Softwood plywood specialties	
	United States.....	2002.. 624 683
		1997.. N
	Alabama.....	2002.. 50 319
		1997.. N
	Arkansas.....	2002.. 58 473
		1997.. N
	Louisiana.....	2002.. 15 768
		1997.. N
	Oregon.....	2002.. 224 850
		1997.. N
Texas.....	2002.. 49 179	
	1997.. N	
Washington.....	2002.. 89 127	
	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3212130	Engineered wood members, except trusses	
	United States .....	2 051 486
	Alabama .....	1 326 062
	Arizona .....	137 292
	California .....	N
	Florida .....	6 894
	Illinois .....	N
	Indiana .....	103 084
	Louisiana .....	N
	Maryland .....	34 993
	Michigan .....	N
	Missouri .....	10 290
	New York .....	N
	Ohio .....	10 280
	Oregon .....	N
	Pennsylvania .....	252 825
	South Carolina .....	N
	Texas .....	10 182
	Virginia .....	N
	Washington .....	22 091
	Wisconsin .....	N
		4 811
		9 806
		19 988
		499 581
		41 796
		7 780
	44 720	
	5 227	
	44 229	
	3 552	
	N	
3212140	Wood trusses	
	United States .....	4 218 869
	Alabama .....	3 487 428
	Arizona .....	50 427
	Arkansas .....	N
	California .....	207 399
	Colorado .....	N
	Connecticut .....	31 352
	Delaware .....	N
	Florida .....	443 206
	Georgia .....	N
	Hawaii .....	76 767
	Idaho .....	N
	Illinois .....	14 213
	Indiana .....	N
	Iowa .....	27 015
	Kansas .....	N
	Kentucky .....	503 850
	Louisiana .....	N
	Maine .....	133 706
	Maryland .....	N
	Massachusetts .....	12 873
	Michigan .....	N
	Minnesota .....	42 639
	Mississippi .....	N
	Missouri .....	124 186
	Montana .....	N
	Nevada .....	86 509
	New Jersey .....	N
	New Mexico .....	75 618
	New York .....	N
		26 089
	57 046	
	N	
	30 226	
	N	
	32 523	
	N	
	137 363	
	N	
	19 630	
	N	
	204 430	
	N	
	138 633	
	N	
	23 275	
	N	
	66 852	
	N	
	14 754	
	N	
	100 972	
	N	
	62 307	
	N	
	17 715	
	N	
	43 072	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3212140	Wood trusses—Con.		
	New York—Con.		
	North Carolina .....	1997 .. N 2002 .. 148 549	
	North Dakota .....	1997 .. N 2002 .. 18 370	
	Ohio .....	1997 .. N 2002 .. 149 318	
	Oklahoma .....	1997 .. N 2002 .. 14 007	
	Oregon .....	1997 .. N 2002 .. 55 240	
	Pennsylvania .....	1997 .. N 2002 .. 139 638	
	South Carolina .....	1997 .. N 2002 .. 57 409	
	South Dakota .....	1997 .. N 2002 .. 28 201	
	Tennessee .....	1997 .. N 2002 .. 74 359	
	Texas .....	1997 .. N 2002 .. 167 669	
	Utah .....	1997 .. N 2002 .. 64 676	
	Virginia .....	1997 .. N 2002 .. 143 475	
	Washington .....	1997 .. N 2002 .. 95 096	
	West Virginia .....	1997 .. N 2002 .. 10 302	
	Wisconsin .....	1997 .. N 2002 .. 209 358	
	Wyoming .....	1997 .. N 2002 .. 8 807	
		1997 .. N	
	3212191	Particleboard, made from particleboard produced at the same establishment	
United States .....		2002 .. 1 203 134 1997 .. 1 270 675	
California .....		2002 .. 75 137 1997 .. 69 773	
Georgia .....		2002 .. 103 483 1997 .. 87 059	
North Carolina .....		2002 .. 78 928 1997 .. 49 662	
Oregon .....		2002 .. 312 560 1997 .. 373 016	
Pennsylvania .....		2002 .. 46 075 1997 .. N	
South Carolina .....		2002 .. 94 868 1997 .. N	
		1997 .. N	
		1997 .. N	
3212192	Waferboard and oriented strandboard		
	United States .....	2002 .. 1 933 582 1997 .. 1 249 636	
	Georgia .....	2002 .. 181 446 1997 .. 138 328	
	North Carolina .....	2002 .. 130 210 1997 .. 109 833	
3212193	Medium density fiberboard (MDF), made from MDF produced at the same establishment		
	United States .....	2002 .. 657 842 1997 .. 454 350	
3212194	Hardboard, made from hardboard produced at the same establishment		
	United States .....	2002 .. 475 013 1997 .. 945 403	
	North Carolina .....	2002 .. 144 508 1997 .. 146 539	
	Oregon .....	2002 .. 77 112 1997 .. 124 776	
3212195	Cellulosic fiberboard (insulating board)		
	United States .....	2002 .. 117 793 1997 .. 140 535	
3212197	Hardboard, made from purchased hardboard		
	United States .....	2002 .. 319 961 1997 .. 207 125	
	California .....	2002 .. 37 879 1997 .. 3 346	
	Michigan .....	2002 .. 33 697 1997 .. N	
	Wisconsin .....	2002 .. 2 167 1997 .. N	
		1997 .. N	
3212198	Particleboard and medium density fiberboard (MDF), prefinished, made from purchased particleboard and MDF		
	United States .....	2002 .. 753 549 1997 .. 678 788	
	Alabama .....	2002 .. 27 476 1997 .. N	
	Indiana .....	2002 .. 48 220 1997 .. 34 103	
	Michigan .....	2002 .. 32 235 1997 .. 41 973	
	North Carolina .....	2002 .. 207 889 1997 .. 49 949	
		1997 .. N	
		1997 .. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3212198	Particleboard and medium density fiberboard (MDF), prefinished, made from purchased particleboard and MDF— Con.		
	Oregon .....	2002.. 69 672	
	.....	1997.. 82 718	
	Texas .....	2002.. 23 352	
	.....	1997.. 24 324	
3219111	Wood window units		
	United States .....	2002.. 2 998 536	
	.....	1997.. 2 568 504	
	Alabama .....	2002.. 9 615	
	.....	1997.. N	
3219113	Wood sash, except sash shipped in window units		
	United States .....	2002.. 81 040	
	.....	1997.. 137 073	
	California .....	2002.. 11 012	
	.....	1997.. 11 012	
	Wisconsin .....	2002.. 18 437	
	.....	1997.. 16 153	
	3219115	Wood frames, window (except window frames shipped in window units) and door (including door frames shipped in door units)	
		United States .....	2002.. 532 855
		.....	1997.. 462 800
		Arizona .....	2002.. 2 443
		.....	1997.. 4 112
		California .....	2002.. 28 667
		.....	1997.. 76 012
		Georgia .....	2002.. 55 605
.....		1997.. 6 443	
North Carolina .....		2002.. 22 131	
.....		1997.. 25 401	
Ohio .....		2002.. 14 384	
.....		1997.. 4 358	
Oregon .....		2002.. 180 514	
.....		1997.. 190 453	
3219117	Wood doors (including panel, flush, and molded face), interior and exterior, including doors with glazed sections		
	United States .....	2002.. 3 334 572	
	.....	1997.. 2 044 489	
	Alabama .....	2002.. 182 238	
	.....	1997.. 108 475	
	Arizona .....	2002.. 49 042	
	.....	1997.. 30 780	
	California .....	2002.. 305 879	
	.....	1997.. 177 388	
	Florida .....	2002.. 142 498	
	.....	1997.. 60 315	
	Georgia .....	2002.. 65 877	
	.....	1997.. 18 609	
	Illinois .....	2002.. 69 820	
	.....	1997.. 12 849	
Indiana .....	2002.. 150 028		
.....	1997.. 141 027		
Kansas .....	2002.. 8 199		
.....	1997.. 15 122		
Massachusetts .....	2002.. 41 508		
.....	1997.. 15 360		
Michigan .....	2002.. 69 699		
.....	1997.. 73 858		
Missouri .....	2002.. 5 084		
.....	1997.. 10 581		
New Jersey .....	2002.. 74 937		
.....	1997.. N		
New York .....	2002.. 56 268		
.....	1997.. 18 467		
North Carolina .....	2002.. 41 021		
.....	1997.. 35 516		
Ohio .....	2002.. 63 574		
.....	1997.. 25 756		

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3219117	Wood doors (including panel, flush, and molded face), interior and exterior, including doors with glazed sections— Con.		
	Oregon .....	2002.. 59 948 1997.. 80 623	
	Pennsylvania .....	2002.. 284 890 1997.. 99 431	
	South Carolina .....	2002.. 28 270 1997.. 17 744	
	Texas .....	2002.. 277 874 1997.. 199 195	
	Utah .....	2002.. 7 425 1997.. N	
	Virginia .....	2002.. 98 887 1997.. 80 168	
	Washington .....	2002.. 140 973 1997.. 154 406	
	Wisconsin .....	2002.. 396 001 1997.. 294 990	
	3219119	Wood doors, other types (including garage, patio, bifold, cabinet, screen, storm, and louver)	
		United States .....	2002.. 1 608 848 1997.. 1 339 481
Alabama .....		2002.. 18 083 1997.. 45 120	
Arizona .....		2002.. 6 539 1997.. 7 979	
Arkansas .....		2002.. 2 550 1997.. N	
California .....		2002.. 130 021 1997.. 125 505	
Colorado .....		2002.. 18 247 1997.. 8 525	
Florida .....		2002.. 16 043 1997.. 23 626	
Idaho .....		2002.. 13 179 1997.. 14 492	
Indiana .....		2002.. 35 044 1997.. 55 368	
Kentucky .....		2002.. 92 067 1997.. 9 066	
Michigan .....		2002.. 10 957 1997.. 9 643	
Missouri .....		2002.. 6 555 1997.. 4 916	
New York .....		2002.. 10 019 1997.. 6 343	
Ohio .....		2002.. 16 834 1997.. 38 492	
Oregon .....		2002.. 81 647 1997.. 60 964	
Pennsylvania .....		2002.. 115 775 1997.. 77 201	
Texas .....		2002.. 89 399 1997.. 75 226	
Virginia .....		2002.. 129 076 1997.. 46 431	
Washington .....		2002.. 31 920 1997.. 46 089	
Wisconsin .....		2002.. 166 667 1997.. 142 138	
3219121		Lumber, hardwood, made from purchased lumber	
		United States .....	2002.. 1 084 139 1997.. 884 650
		Alabama .....	2002.. 61 826 1997.. 3 937
		Georgia .....	2002.. 20 191 1997.. 18 876
		Indiana .....	2002.. 46 944 1997.. 47 766
		Kentucky .....	2002.. 46 355 1997.. 38 540
		Michigan .....	2002.. 25 634 1997.. 51 889
		Minnesota .....	2002.. 16 734 1997.. 10 631
	Mississippi .....	2002.. 26 047 1997.. 27 539	
	New York .....	2002.. 18 492 1997.. N	
	North Carolina .....	2002.. 67 431 1997.. 35 101	
	Ohio .....	2002.. 68 052 1997.. 63 096	
	Pennsylvania .....	2002.. 131 290 1997.. 154 683	
	Tennessee .....	2002.. 67 316 1997.. 24 129	
	Virginia .....	2002.. 39 479 1997.. 37 426	
	West Virginia .....	2002.. 38 980 1997.. 50 443	
	Wisconsin .....	2002.. 142 174 1997.. 131 646	
	3219123	Lumber, softwood, made from purchased lumber	
		United States .....	2002.. 1 723 623 1997.. 1 738 525
		Alabama .....	2002.. 40 147 1997.. 130 995

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3219123	Lumber, softwood, made from purchased lumber—Con.	
	Arizona ..... 2002 ..	59 302
	..... 1997 ..	N
	Arkansas ..... 2002 ..	44 313
	..... 1997 ..	31 576
	California ..... 2002 ..	206 374
	..... 1997 ..	134 257
	Florida ..... 2002 ..	114 122
	..... 1997 ..	70 532
	Georgia ..... 2002 ..	70 655
	..... 1997 ..	103 317
	Idaho ..... 2002 ..	243 403
	..... 1997 ..	277 240
	Maine ..... 2002 ..	9 861
	..... 1997 ..	33 260
	Mississippi ..... 2002 ..	75 430
	..... 1997 ..	74 545
	Montana ..... 2002 ..	51 924
	..... 1997 ..	39 995
	New Hampshire ..... 2002 ..	9 674
..... 1997 ..	17 232	
North Carolina ..... 2002 ..	31 490	
..... 1997 ..	51 399	
Oregon ..... 2002 ..	124 154	
..... 1997 ..	179 298	
South Carolina ..... 2002 ..	41 514	
..... 1997 ..	18 843	
Tennessee ..... 2002 ..	11 671	
..... 1997 ..	36 082	
Texas ..... 2002 ..	100 415	
..... 1997 ..	121 653	
Washington ..... 2002 ..	175 854	
..... 1997 ..	90 253	
3219126	Cut stock and dimension, hardwood	
	United States ..... 2002 ..	966 281
	..... 1997 ..	N
	Arizona ..... 2002 ..	4 505
	..... 1997 ..	N
	California ..... 2002 ..	69 150
	..... 1997 ..	N
	Illinois ..... 2002 ..	3 830
	..... 1997 ..	N
	Indiana ..... 2002 ..	31 688
	..... 1997 ..	N
	Kentucky ..... 2002 ..	65 769
	..... 1997 ..	N
	Maine ..... 2002 ..	13 155
	..... 1997 ..	N
	Missouri ..... 2002 ..	12 347
	..... 1997 ..	N
	New York ..... 2002 ..	29 900
	..... 1997 ..	N
	North Carolina ..... 2002 ..	46 508
..... 1997 ..	N	
Tennessee ..... 2002 ..	28 644	
..... 1997 ..	N	
Texas ..... 2002 ..	17 942	
..... 1997 ..	N	
Virginia ..... 2002 ..	63 008	
..... 1997 ..	N	
Wisconsin ..... 2002 ..	44 523	
..... 1997 ..	N	
3219128	Cut stock and dimension, softwood	
	United States ..... 2002 ..	641 738
	..... 1997 ..	N
	California ..... 2002 ..	81 485
	..... 1997 ..	N
	Georgia ..... 2002 ..	10 544
	..... 1997 ..	N
	Michigan ..... 2002 ..	5 168
	..... 1997 ..	N
	North Carolina ..... 2002 ..	20 786
..... 1997 ..	N	
Oregon ..... 2002 ..	304 345	
..... 1997 ..	N	
Washington ..... 2002 ..	71 233	
..... 1997 ..	N	
3219129	Sawn wood fence stock, wood lath, and contract resawing and planing	
	United States ..... 2002 ..	112 082
	..... 1997 ..	135 572
	Montana ..... 2002 ..	3 802
	..... 1997 ..	9 272
	Oregon ..... 2002 ..	6 347
	..... 1997 ..	18 123
	Texas ..... 2002 ..	6 263
..... 1997 ..	7 286	
Washington ..... 2002 ..	21 200	
..... 1997 ..	13 713	
Wisconsin ..... 2002 ..	5 261	
..... 1997 ..	3 868	
3219181	Wood moldings, except prefinished made from purchased moldings, including covered (metal, plastics, etc.)	
	United States ..... 2002 ..	2 021 818
	..... 1997 ..	1 504 625
	Arizona ..... 2002 ..	52 335
..... 1997 ..	31 934	

See footnotes at end of table.



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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3219181	Wood moldings, except prefinished made from purchased moldings, including covered (metal, plastics, etc.)—Con.	
	Arkansas ..... 2002..	17 054
	..... 1997..	N
	California ..... 2002..	394 850
	..... 1997..	362 518
	Colorado ..... 2002..	19 660
	..... 1997..	10 238
	Connecticut ..... 2002..	8 840
	..... 1997..	N
	Illinois ..... 2002..	42 822
	..... 1997..	24 771
	Indiana ..... 2002..	153 772
	..... 1997..	126 080
	Kentucky ..... 2002..	40 941
	..... 1997..	N
	Michigan ..... 2002..	32 559
	..... 1997..	28 030
	Minnesota ..... 2002..	40 266
	..... 1997..	17 130
	Mississippi ..... 2002..	9 072
	..... 1997..	5 657
	Missouri ..... 2002..	15 014
	..... 1997..	5 065
	New Jersey ..... 2002..	29 110
	..... 1997..	3 894
	Ohio ..... 2002..	54 700
	..... 1997..	19 171
	Oregon ..... 2002..	152 963
..... 1997..	146 186	
Pennsylvania ..... 2002..	69 732	
..... 1997..	34 841	
South Carolina ..... 2002..	8 694	
..... 1997..	12 673	
Tennessee ..... 2002..	19 824	
..... 1997..	3 149	
Texas ..... 2002..	111 388	
..... 1997..	102 043	
Utah ..... 2002..	33 753	
..... 1997..	4 915	
Vermont ..... 2002..	5 968	
..... 1997..	N	
Washington ..... 2002..	74 154	
..... 1997..	61 695	
Wisconsin ..... 2002..	85 305	
..... 1997..	66 571	
3219183	Wood moldings, prefinished made from purchased moldings, including covered with metal and plastics	
	United States ..... 2002..	93 436
	..... 1997..	64 823
	California ..... 2002..	4 126
	..... 1997..	N
	Michigan ..... 2002..	3 605
	..... 1997..	N
	Pennsylvania ..... 2002..	9 309
..... 1997..	6 273	
Washington ..... 2002..	4 442	
..... 1997..	N	
Wisconsin ..... 2002..	10 622	
..... 1997..	N	
3219185	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring	
	United States ..... 2002..	1 534 377
	..... 1997..	1 157 870
	Alabama ..... 2002..	113 505
	..... 1997..	69 819
	California ..... 2002..	127 726
	..... 1997..	112 857
	Connecticut ..... 2002..	21 207
	..... 1997..	18 888
	Florida ..... 2002..	51 799
	..... 1997..	23 683
	Georgia ..... 2002..	89 083
	..... 1997..	80 937
	Illinois ..... 2002..	70 797
	..... 1997..	54 450
	Indiana ..... 2002..	25 993
	..... 1997..	23 742
	Maryland ..... 2002..	34 279
	..... 1997..	34 315
	Massachusetts ..... 2002..	12 504
	..... 1997..	6 447
	Michigan ..... 2002..	28 842
	..... 1997..	11 022
	New Jersey ..... 2002..	45 671
	..... 1997..	22 100
	New York ..... 2002..	48 779
	..... 1997..	44 494
	North Carolina ..... 2002..	102 236
..... 1997..	65 037	
Ohio ..... 2002..	113 466	
..... 1997..	88 179	
Oregon ..... 2002..	55 120	
..... 1997..	56 368	
Pennsylvania ..... 2002..	41 746	
..... 1997..	30 074	
Tennessee ..... 2002..	43 396	
..... 1997..	17 701	
Virginia ..... 2002..	77 005	
..... 1997..	87 743	
Washington ..... 2002..	14 751	
..... 1997..	16 486	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3219185	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring—Con.		
	West Virginia .....	2002 .. 2 157	
	Wisconsin .....	1997 .. N 2002 .. 54 752 1997 .. 28 135	
3219187	Flooring, hardwood		
	United States .....	2002 .. 1 579 068 1997 .. 1 215 573	
	Arkansas .....	2002 .. 94 313 1997 .. 96 439	
	California .....	2002 .. 15 713 1997 .. 3 985	
	Kentucky .....	2002 .. 76 506 1997 .. 41 001	
	Michigan .....	2002 .. 47 339 1997 .. 41 228	
	Mississippi .....	2002 .. 58 048 1997 .. 36 750	
	Missouri .....	2002 .. 119 538 1997 .. 125 316	
	North Carolina .....	2002 .. 176 645 1997 .. 51 604	
	Pennsylvania .....	2002 .. 24 928 1997 .. 34 242	
	Tennessee .....	2002 .. 364 232 1997 .. 405 863	
	Texas .....	2002 .. 138 068 1997 .. N	
	Wisconsin .....	2002 .. 86 360 1997 .. 45 268	
	3219201	Wood boxes, nailed and lock-corner	
		United States .....	2002 .. 329 856 1997 .. 195 944
		Arkansas .....	2002 .. 12 150 1997 .. 3 945
		California .....	2002 .. 61 406 1997 .. 61 348
Florida .....		2002 .. 7 285 1997 .. 2 244	
Kentucky .....		2002 .. 12 338 1997 .. N	
Massachusetts .....		2002 .. 5 231 1997 .. 6 374	
Michigan .....		2002 .. 6 801 1997 .. 15 766	
New Jersey .....		2002 .. 4 386 1997 .. 4 172	
New York .....		2002 .. 3 549 1997 .. 9 033	
North Carolina .....		2002 .. 10 417 1997 .. 7 764	
Ohio .....		2002 .. 25 734 1997 .. 9 725	
Oregon .....		2002 .. 4 714 1997 .. N	
Pennsylvania .....		2002 .. 14 219 1997 .. 7 577	
Tennessee .....		2002 .. 11 225 1997 .. 5 906	
Texas .....		2002 .. 28 957 1997 .. 7 814	
Virginia .....		2002 .. 5 495 1997 .. N	
Washington .....		2002 .. 15 552 1997 .. 8 680	
Wisconsin .....		2002 .. 13 977 1997 .. 10 508	
3219203		Wood box and crate shook	
	United States .....	2002 .. 146 153 1997 .. 173 159	
	California .....	2002 .. 43 918 1997 .. 46 132	
	Kentucky .....	2002 .. 3 468 1997 .. N	
	Michigan .....	2002 .. 2 052 1997 .. 7 362	
	North Carolina .....	2002 .. 9 593 1997 .. 14 425	
	Oregon .....	2002 .. 2 636 1997 .. 6 381	
	Pennsylvania .....	2002 .. 3 775 1997 .. 9 419	
	Texas .....	2002 .. 4 359 1997 .. 5 494	
	Wisconsin .....	2002 .. 6 455 1997 .. 8 026	
	3219205	Wood pallets and pallet containers, wood and metal combination	
United States .....		2002 .. 3 034 275 1997 .. 3 092 738	
Alabama .....		2002 .. 64 071 1997 .. 81 262	
Arizona .....		2002 .. 25 052 1997 .. 27 397	
Arkansas .....		2002 .. 60 307 1997 .. 67 356	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3219205	Wood pallets and pallet containers, wood and metal combination—Con.	
	California .....	2002.. 300 973
		1997.. 304 388
	Connecticut .....	2002.. 13 299
		1997.. 18 174
	Florida .....	2002.. 50 717
		1997.. 63 255
	Georgia .....	2002.. 120 234
		1997.. 107 249
	Idaho .....	2002.. 25 199
		1997.. 6 659
	Illinois .....	2002.. 128 791
		1997.. 122 909
	Indiana .....	2002.. 129 543
		1997.. 133 098
	Iowa .....	2002.. 43 652
		1997.. 65 924
	Kansas .....	2002.. 29 273
		1997.. 21 567
	Kentucky .....	2002.. 78 139
		1997.. 90 907
	Maine .....	2002.. 21 994
		1997.. 15 695
	Massachusetts .....	2002.. 28 875
		1997.. 43 320
	Michigan .....	2002.. 94 106
		1997.. 147 027
	Minnesota .....	2002.. 62 850
		1997.. 46 812
	Mississippi .....	2002.. 49 860
		1997.. 58 699
	Missouri .....	2002.. 77 298
		1997.. 87 330
	New Hampshire .....	2002.. 15 517
		1997.. 12 467
	New Jersey .....	2002.. 40 217
		1997.. 41 920
	New York .....	2002.. 83 490
		1997.. 98 240
	North Carolina .....	2002.. 187 885
		1997.. 141 071
	Ohio .....	2002.. 206 310
		1997.. 199 950
	Oklahoma .....	2002.. 10 004
	1997.. 13 884	
Oregon .....	2002.. 30 716	
	1997.. 36 898	
Pennsylvania .....	2002.. 189 857	
	1997.. 198 913	
Rhode Island .....	2002.. 10 220	
	1997.. 11 501	
South Carolina .....	2002.. 36 354	
	1997.. 39 711	
Tennessee .....	2002.. 88 455	
	1997.. 73 047	
Texas .....	2002.. 249 096	
	1997.. 224 006	
Utah .....	2002.. 18 422	
	1997.. 17 071	
Virginia .....	2002.. 109 292	
	1997.. 122 495	
Washington .....	2002.. 52 884	
	1997.. 45 794	
West Virginia .....	2002.. 28 146	
	1997.. 39 538	
Wisconsin .....	2002.. 152 814	
	1997.. 154 721	
3219207	Wood containers and parts, other types	
	United States .....	2002.. 613 272
		1997.. 546 122
	California .....	2002.. 72 527
		1997.. 58 390
	Florida .....	2002.. 18 683
		1997.. 23 756
	Georgia .....	2002.. 55 025
		1997.. 37 537
	Indiana .....	2002.. 19 879
		1997.. 4 601
	Kentucky .....	2002.. 96 675
		1997.. 81 264
	Minnesota .....	2002.. 11 171
		1997.. 22 146
	Missouri .....	2002.. 134 083
		1997.. 68 826
	New York .....	2002.. 14 922
		1997.. 14 422
	North Carolina .....	2002.. 13 337
		1997.. 21 158
	Ohio .....	2002.. 10 338
		1997.. 27 285
	Oregon .....	2002.. 2 685
		1997.. 3 094
	Pennsylvania .....	2002.. 9 052
		1997.. 6 249
Tennessee .....	2002.. 13 981	
	1997.. 19 272	
Texas .....	2002.. 22 858	
	1997.. 15 049	
Wisconsin .....	2002.. 20 277	
	1997.. 23 929	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3219911	Manufactured homes (mobile homes)	
	United States .....	2002 .. 6 122 376
	Georgia .....	1997 .. 9 651 119
	Idaho .....	2002 .. 522 464
	Indiana .....	1997 .. 1 217 298
	Kansas .....	2002 .. 114 207
	Kentucky .....	1997 .. 178 846
	Minnesota .....	2002 .. 828 326
	Nebraska .....	1997 .. 1 135 298
	Ohio .....	2002 .. 69 620
	Texas .....	1997 .. 108 949
	Washington .....	2002 .. 70 831
	Wisconsin .....	1997 .. N
	Wisconsin .....	2002 .. 117 327
	Wisconsin .....	1997 .. 114 169
3219915	Mobile buildings, nonresidential	
	United States .....	2002 .. 348 551
	Georgia .....	1997 .. 349 800
	Indiana .....	2002 .. 56 220
	Minnesota .....	1997 .. 43 288
	Ohio .....	2002 .. 28 458
	Texas .....	1997 .. 46 757
	Texas .....	2002 .. 4 292
3219921	Prefabricated stationary wood buildings, components (not sold as complete units)	
	United States .....	2002 .. 423 675
	California .....	1997 .. 230 146
	Georgia .....	2002 .. 43 461
	Michigan .....	1997 .. N
	North Carolina .....	2002 .. 4 802
	Oregon .....	1997 .. 4 978
	Virginia .....	2002 .. 34 324
	Washington .....	1997 .. 13 565
	Wisconsin .....	2002 .. 39 891
	Wisconsin .....	1997 .. N
	Wisconsin .....	2002 .. 2 173
	Wisconsin .....	1997 .. N
3219923	Prefabricated stationary wood buildings, precut packages (complete units)	
	United States .....	2002 .. 668 504
	California .....	1997 .. 596 241
	Illinois .....	2002 .. 56 389
	Indiana .....	1997 .. 27 882
	Michigan .....	2002 .. 42 344
	Minnesota .....	1997 .. N
	North Carolina .....	2002 .. 45 018
	Oregon .....	1997 .. N
	Pennsylvania .....	2002 .. 46 080
	Tennessee .....	1997 .. 58 588
	Wisconsin .....	2002 .. 19 469
	Wisconsin .....	1997 .. N
	Wisconsin .....	2002 .. 16 531
3219925	Prefabricated stationary wood buildings, shipped in panel form (complete units)	
	United States .....	2002 .. 724 428
	California .....	1997 .. 442 965
	Illinois .....	2002 .. 9 582
	Michigan .....	1997 .. N
	Minnesota .....	2002 .. 24 010
	New York .....	1997 .. 15 273
	Ohio .....	2002 .. 11 649
	Ohio .....	1997 .. N
	Ohio .....	2002 .. 15 953
	Ohio .....	1997 .. 7 971

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3219925	Prefabricated stationary wood buildings, shipped in panel form (complete units)—Con.	
	Washington .....	2002.. 6 563
		1997.. N
	Wisconsin .....	2002.. 165 912
		1997.. 137 130
3219927	Prefabricated stationary wood buildings, shipped in three-dimensional assemblies	
	United States .....	2002.. 1 293 760
		1997.. 1 178 019
	California .....	2002.. 50 776
		1997.. 75 446
	Indiana .....	2002.. 53 599
		1997.. 83 741
	Michigan .....	2002.. 26 953
		1997.. N
	New York .....	2002.. 46 483
		1997.. 46 120
	North Carolina .....	2002.. 64 633
		1997.. 47 294
	Pennsylvania .....	2002.. 464 068
		1997.. 254 134
	Texas .....	2002.. 69 680
		1997.. 45 204
	Virginia .....	2002.. 119 083
		1997.. 85 583
	Wisconsin .....	2002.. 90 299
		1997.. 89 070
3219990	All other miscellaneous wood product manufacturing	
	United States .....	2002.. 4 165 054
		1997.. 3 844 186
	Alabama .....	2002.. 109 433
		1997.. N
	Arizona .....	2002.. 39 908
		1997.. N
	Arkansas .....	2002.. 52 573
		1997.. N
	California .....	2002.. 350 849
		1997.. N
	Colorado .....	2002.. 22 656
		1997.. N
	Connecticut .....	2002.. 21 811
		1997.. N
	Florida .....	2002.. 69 477
		1997.. N
	Georgia .....	2002.. 83 786
		1997.. N
	Hawaii .....	2002.. 3 493
		1997.. N
	Idaho .....	2002.. 35 379
		1997.. N
	Illinois .....	2002.. 93 623
		1997.. N
	Indiana .....	2002.. 140 899
		1997.. N
	Iowa .....	2002.. 24 112
		1997.. N
	Kansas .....	2002.. 9 301
		1997.. N
	Kentucky .....	2002.. 112 016
		1997.. N
	Louisiana .....	2002.. 13 174
		1997.. N
	Maine .....	2002.. 144 766
		1997.. N
	Maryland .....	2002.. 26 527
		1997.. N
	Massachusetts .....	2002.. 65 385
		1997.. N
	Michigan .....	2002.. 55 351
		1997.. N
	Minnesota .....	2002.. 122 791
		1997.. N
	Mississippi .....	2002.. 165 818
		1997.. N
	Missouri .....	2002.. 72 747
		1997.. N
	Montana .....	2002.. 11 825
		1997.. N
	Nebraska .....	2002.. 14 621
		1997.. N
	Nevada .....	2002.. 4 477
		1997.. N
	New Hampshire .....	2002.. 46 670
		1997.. N
	New Jersey .....	2002.. 23 693
		1997.. N
	New Mexico .....	2002.. 14 906
		1997.. N
	New York .....	2002.. 150 276
		1997.. N
	North Carolina .....	2002.. 170 627
		1997.. N
	Ohio .....	2002.. 460 374
		1997.. N
	Oklahoma .....	2002.. 10 591
		1997.. N
	Oregon .....	2002.. 95 582
		1997.. N
	Pennsylvania .....	2002.. 237 122
		1997.. N

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3219990	All other miscellaneous wood product manufacturing—Con.	
	Rhode Island .....	2002.. 19 176
		1997.. N
	South Carolina .....	2002.. 44 811
		1997.. N
	South Dakota .....	2002.. 9 381
		1997.. N
	Tennessee .....	2002.. 62 948
		1997.. N
	Texas .....	2002.. 227 261
		1997.. N
	Utah .....	2002.. 11 044
		1997.. N
	Vermont .....	2002.. 76 649
		1997.. N
	Virginia .....	2002.. 120 170
		1997.. N
	Washington .....	2002.. 89 822
		1997.. N
	West Virginia .....	2002.. 81 492
		1997.. N
	Wisconsin .....	2002.. 341 262
		1997.. N
3221101	Woodpulp, special alpha and dissolving (sulfite and sulfate for chemical conversion, papermaking, and other uses)	
	United States .....	2002.. 895 538
		1997.. 842 210
3221103	Woodpulp, sulfate, including soda	
	United States .....	2002.. 3 693 501
		1997.. 4 638 302
3221105	Woodpulp, sulfite and other types	
	United States .....	2002.. 169 371
		1997.. 251 393
	Wisconsin .....	2002.. 4 465
		1997.. N
3221107	Pulp, all other types (except wood) and pulp mill byproducts	
	United States .....	2002.. 484 116
		1997.. 639 187
	Florida .....	2002.. 3 072
		1997.. 8 345
	Georgia .....	2002.. 7 024
		1997.. 23 106
	South Carolina .....	2002.. 4 695
		1997.. 10 440
3221211	Paper, printing and converting, clay-coated	
	United States .....	2002.. 7 693 273
		1997.. 8 452 880
	Maine .....	2002.. 2 305 600
		1997.. 1 976 886
	Michigan .....	2002.. 940 477
		1997.. 1 089 656
3221213	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less)	
	United States .....	2002.. 10 095 840
		1997.. 11 633 314
	Louisiana .....	2002.. 697 078
		1997.. N
	Maine .....	2002.. 311 775
		1997.. 438 089
	Massachusetts .....	2002.. 45 980
		1997.. 138 033
	Michigan .....	2002.. 85 758
		1997.. 182 665
	New York .....	2002.. 623 481
		1997.. 626 195
	North Carolina .....	2002.. 498 064
		1997.. 488 456
	Ohio .....	2002.. 736 185
		1997.. 968 895
	Pennsylvania .....	2002.. 465 749
		1997.. 1 046 439
	Washington .....	2002.. 530 466
		1997.. 565 790
	Wisconsin .....	2002.. 1 331 348
		1997.. 1 809 000
3221215	Bristols (weight greater than 150g per square meter), bleached, except cotton fiber index and bogus	
	United States .....	2002.. 1 186 783
		1997.. 1 230 728
	Wisconsin .....	2002.. 106 694
		1997.. 91 316
3221217	Paper, cotton fiber (containing 25 percent or more cotton or similar fibers) and thin	
	United States .....	2002.. 533 844
		1997.. 762 448
	Massachusetts .....	2002.. 206 587
		1997.. 295 876
	Wisconsin .....	2002.. 11 946
		1997.. 77 860

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3221219	Paper, unbleached, kraft (greater than or equal to 80 percent), packaging and industrial converting type	
	United States .....	2002.. 954 175
	New York .....	1997.. 1 292 969
	New York .....	2002.. 43 175
		1997.. N
322121A	Paper, packaging and industrial converting type, except unbleached kraft	
	United States .....	2002.. 876 648
	Michigan .....	1997.. 1 098 365
	Michigan .....	2002.. 167 383
	Washington .....	1997.. 308 261
	Washington .....	2002.. 61 941
		1997.. 104 872
		2002.. 207 578
		1997.. 228 147
322121C	Paper, industrial, special type (absorbent, battery separator, electrical, etc.), except specialty packaging	
	United States .....	2002.. 1 692 695
	Massachusetts .....	1997.. 1 843 513
	Massachusetts .....	2002.. 325 184
	Michigan .....	1997.. 308 913
	Michigan .....	2002.. 133 891
	New York .....	1997.. 153 371
	New York .....	2002.. 225 462
	Pennsylvania .....	1997.. 251 876
	Pennsylvania .....	2002.. 101 250
		1997.. N
		2002.. 291 198
		1997.. 366 591
322121E	Paper, construction	
	United States .....	2002.. D
	Wisconsin .....	1997.. D
		2002.. 20 091
		1997.. N
322121G	Paper, tissue and other machine-creped types	
	United States .....	2002.. 2 036 448
	Michigan .....	1997.. 2 364 687
	Michigan .....	2002.. 60 537
	New York .....	1997.. 42 890
	New York .....	2002.. 278 726
	North Carolina .....	1997.. 157 566
	North Carolina .....	2002.. 35 163
		1997.. 10 373
		2002.. 560 174
		1997.. 512 520
322121K	Paper, disposable diapers and similar products, made in paper mills	
	United States .....	2002.. D
		1997.. N
322121N	Paper, sanitary tissue products, made in paper mills	
	United States .....	2002.. 12 560 475
	Wisconsin .....	1997.. 9 293 076
	Wisconsin .....	2002.. 2 356 183
		1997.. 1 668 507
3221221	Newsprint	
	United States .....	2002.. 2 533 179
		1997.. 3 712 495
3221223	Groundwood paper (containing more than 10 percent mechanical fiber), uncoated, made from pulp	
	United States .....	2002.. 883 787
		1997.. 1 333 500
3221301	Unbleached kraft packaging and industrial converting paperboard (80 percent or more virgin woodpulp)	
	United States .....	2002.. 8 075 890
	Alabama .....	1997.. 7 443 912
	Alabama .....	2002.. 1 488 420
	Georgia .....	1997.. 930 522
	Georgia .....	2002.. 1 262 844
	Louisiana .....	1997.. 1 199 083
		2002.. 1 182 529
		1997.. 1 089 855
3221303	Bleached packaging and industrial converting paperboard (80 percent or more virgin bleached woodpulp)	
	United States .....	2002.. 4 234 184
		1997.. 3 971 630
3221305	Semichemical paperboard, including corrugating medium (75 percent or more virgin woodpulp)	
	United States .....	2002.. 1 049 286
		1997.. 815 423
3221307	Recycled paperboard	
	United States .....	2002.. 6 362 711
	Connecticut .....	1997.. 6 362 406
	Connecticut .....	2002.. 235 603
	Georgia .....	1997.. 238 606
	Georgia .....	2002.. 284 413
	Indiana .....	1997.. 252 501
		2002.. 341 906
		1997.. 238 774

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3221307	Recycled paperboard—Con.	
	New Jersey .....	2002 .. 102 886
	.....	1997 .. 152 882
	South Carolina .....	2002 .. 177 084
	.....	1997 .. 186 187
Texas .....	.....	2002 .. 182 748
	.....	1997 .. 139 649
	.....	2002 .. 277 183
Virginia .....	.....	1997 .. 518 020
3221309	Wet machine board, including binders' board and shoe board	
	United States .....	2002 .. 28 486
	.....	1997 .. 86 373
3222110	Corrugated and solid fiber boxes, including pallets	
	United States .....	2002 .. 27 900 717
	.....	1997 .. 24 075 306
Alabama .....	.....	2002 .. 457 845
	.....	1997 .. N
Arizona .....	.....	2002 .. 196 732
	.....	1997 .. N
Arkansas .....	.....	2002 .. 486 928
	.....	1997 .. N
California .....	.....	2002 .. 3 515 628
	.....	1997 .. N
Colorado .....	.....	2002 .. 212 212
	.....	1997 .. N
Connecticut .....	.....	2002 .. 255 839
	.....	1997 .. N
Florida .....	.....	2002 .. 686 569
	.....	1997 .. N
Georgia .....	.....	2002 .. 1 118 420
	.....	1997 .. N
Illinois .....	.....	2002 .. 1 979 493
	.....	1997 .. N
Indiana .....	.....	2002 .. 1 062 693
	.....	1997 .. N
Iowa .....	.....	2002 .. 378 184
	.....	1997 .. N
Kansas .....	.....	2002 .. 231 272
	.....	1997 .. N
Kentucky .....	.....	2002 .. 479 372
	.....	1997 .. N
Louisiana .....	.....	2002 .. 249 143
	.....	1997 .. N
Maine .....	.....	2002 .. 62 281
	.....	1997 .. N
Maryland .....	.....	2002 .. 267 389
	.....	1997 .. N
Massachusetts .....	.....	2002 .. 589 596
	.....	1997 .. N
Michigan .....	.....	2002 .. 965 907
	.....	1997 .. N
Minnesota .....	.....	2002 .. 693 139
	.....	1997 .. N
Mississippi .....	.....	2002 .. 375 249
	.....	1997 .. N
Missouri .....	.....	2002 .. 720 294
	.....	1997 .. N
Nebraska .....	.....	2002 .. 139 035
	.....	1997 .. N
New Hampshire .....	.....	2002 .. 25 719
	.....	1997 .. N
New Jersey .....	.....	2002 .. 843 604
	.....	1997 .. N
New York .....	.....	2002 .. 901 606
	.....	1997 .. N
North Carolina .....	.....	2002 .. 1 224 325
	.....	1997 .. N
Ohio .....	.....	2002 .. 1 896 409
	.....	1997 .. N
Oklahoma .....	.....	2002 .. 90 735
	.....	1997 .. N
Oregon .....	.....	2002 .. 240 835
	.....	1997 .. N
Pennsylvania .....	.....	2002 .. 1 670 136
	.....	1997 .. N
Rhode Island .....	.....	2002 .. 74 755
	.....	1997 .. N
South Carolina .....	.....	2002 .. 506 610
	.....	1997 .. N
South Dakota .....	.....	2002 .. 56 173
	.....	1997 .. N
Tennessee .....	.....	2002 .. 812 025
	.....	1997 .. N
Texas .....	.....	2002 .. 1 690 646
	.....	1997 .. N
Utah .....	.....	2002 .. 156 474
	.....	1997 .. N
Virginia .....	.....	2002 .. 591 599
	.....	1997 .. N
Washington .....	.....	2002 .. 574 990
	.....	1997 .. N
Wisconsin .....	.....	2002 .. 1 064 016
	.....	1997 .. N
3222120	Folding paperboard boxes, packaging, and packaging components	
	United States .....	2002 .. 8 204 074
	.....	1997 .. 8 564 381
Alabama .....	.....	2002 .. 123 102
	.....	1997 .. N

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3222120	Folding paperboard boxes, packaging, and packaging components—Con.	
	California .....	2002.. 682 462
		1997.. N
	Colorado .....	2002.. 91 413
		1997.. N
	Connecticut .....	2002.. 116 664
		1997.. N
	Florida .....	2002.. 123 534
		1997.. N
	Georgia .....	2002.. 448 490
		1997.. N
	Illinois .....	2002.. 765 207
		1997.. N
	Indiana .....	2002.. 313 849
		1997.. N
	Kentucky .....	2002.. 127 389
		1997.. N
	Massachusetts .....	2002.. 167 068
		1997.. N
	Michigan .....	2002.. 186 360
		1997.. N
	Minnesota .....	2002.. 260 061
		1997.. N
	Missouri .....	2002.. 320 427
		1997.. N
	Nebraska .....	2002.. 98 873
		1997.. N
	New Jersey .....	2002.. 343 600
		1997.. N
	New York .....	2002.. 234 356
		1997.. N
	North Carolina .....	2002.. 597 207
		1997.. N
	Ohio .....	2002.. 588 913
		1997.. N
	Oregon .....	2002.. 47 292
		1997.. N
	Pennsylvania .....	2002.. 270 958
		1997.. N
	Rhode Island .....	2002.. 24 683
		1997.. N
	South Carolina .....	2002.. 30 469
		1997.. N
	Tennessee .....	2002.. 432 399
		1997.. N
	Texas .....	2002.. 301 065
		1997.. N
	Utah .....	2002.. 59 733
		1997.. N
	Virginia .....	2002.. 210 937
		1997.. N
	Washington .....	2002.. 91 864
		1997.. N
	Wisconsin .....	2002.. 346 814
		1997.. N
3222130	Setup (rigid) paperboard boxes	
	United States .....	2002.. 746 051
		1997.. 635 310
	California .....	2002.. 65 381
		1997.. N
	Colorado .....	2002.. 2 536
		1997.. N
	Connecticut .....	2002.. 18 762
		1997.. N
	Georgia .....	2002.. 42 926
		1997.. N
	Illinois .....	2002.. 24 514
		1997.. N
	Indiana .....	2002.. 32 198
		1997.. N
	Massachusetts .....	2002.. 20 667
		1997.. N
	Michigan .....	2002.. 19 643
		1997.. N
	Minnesota .....	2002.. 5 425
		1997.. N
	Missouri .....	2002.. 13 901
		1997.. N
	New Jersey .....	2002.. 29 040
		1997.. N
	New York .....	2002.. 105 017
		1997.. N
	North Carolina .....	2002.. 95 520
		1997.. N
	Ohio .....	2002.. 33 543
		1997.. N
	Pennsylvania .....	2002.. 37 941
		1997.. N
	Rhode Island .....	2002.. 24 614
		1997.. N
	South Carolina .....	2002.. 23 829
		1997.. N
	Tennessee .....	2002.. 5 333
		1997.. N
	Texas .....	2002.. 33 380
		1997.. N
	Virginia .....	2002.. 19 266
		1997.. N
	Wisconsin .....	2002.. 12 039
		1997.. N

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3222141	Paperboard fiber drums with ends of any material	
	United States .....	2002.. 352 992
	Kentucky .....	1997.. 374 327
	Pennsylvania .....	2002.. 7 644
	Pennsylvania .....	1997.. N
3222143	Fiber cans, tubes, and similar fiber products	
	United States .....	2002.. 1 529 199
	Kentucky .....	1997.. 1 657 352
	Massachusetts .....	2002.. 55 090
	Massachusetts .....	1997.. 21 246
	Pennsylvania .....	2002.. 47 232
	Pennsylvania .....	1997.. 58 369
	Rhode Island .....	2002.. 56 697
	Rhode Island .....	1997.. 59 525
	South Carolina .....	2002.. 12 173
South Carolina .....	1997.. N	
Wisconsin .....	2002.. 92 538	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 113 722	
Wisconsin .....	1997.. 120 046	
3222151	Milk and milk-type paperboard cartons, including juice, beverage, and other products	
	United States .....	2002.. 735 001
		1997.. 672 333
3222153	Cups and liquid-tight paper and paperboard containers	
	United States .....	2002.. 1 428 315
	California .....	1997.. 1 132 893
		2002.. 97 253
		1997.. 87 353
3222155	Other sanitary paper and paperboard food containers, boards, and trays, except folding	
	United States .....	2002.. 754 327
		1997.. 651 125
3222211	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses	
	United States .....	2002.. 776 580
	Illinois .....	1997.. 981 949
	Illinois .....	2002.. 34 085
	New Jersey .....	1997.. 31 247
	New Jersey .....	2002.. 2 743
	Wisconsin .....	1997.. 22 673
		2002.. 96 202
		1997.. 127 816
3222213	Multiweb laminated rolls and sheets, except foil, for flexible packaging uses	
	United States .....	2002.. 426 192
	Illinois .....	1997.. 461 466
	Illinois .....	2002.. 28 758
	New Jersey .....	1997.. 30 736
	New Jersey .....	2002.. 8 480
Wisconsin .....	1997.. 15 067	
		2002.. 55 573
		1997.. 45 233
3222221	Printing paper, coated at establishments other than where paper was produced	
	United States .....	2002.. 463 450
	California .....	1997.. 498 250
	California .....	2002.. 22 935
	Illinois .....	1997.. 85 030
	Illinois .....	2002.. 40 427
	Massachusetts .....	1997.. N
	Massachusetts .....	2002.. 67 384
	New York .....	1997.. N
	New York .....	2002.. 2 163
	Ohio .....	1997.. 28 767
	Ohio .....	2002.. 47 036
	Wisconsin .....	1997.. N
		2002.. 75 414
		1997.. 114 425
3222223	Gummed products	
	United States .....	2002.. 275 735
	Ohio .....	1997.. 249 377
	Ohio .....	2002.. 30 880
		1997.. 21 641
3222225	Pressure-sensitive products	
	United States .....	2002.. 6 780 297
	California .....	1997.. 7 118 564
	California .....	2002.. 227 458
	Florida .....	1997.. 172 394
	Florida .....	2002.. 16 968
	Illinois .....	1997.. 24 215
	Illinois .....	2002.. 359 718
	Indiana .....	1997.. 577 883
	Indiana .....	2002.. 547 959
	Kentucky .....	1997.. N
Kentucky .....	2002.. 470 761	
Maryland .....	1997.. N	
Maryland .....	2002.. 11 617	
Maryland .....	1997.. 6 619	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3222225	Pressure-sensitive products—Con.	
	Massachusetts .....	2002 .. 453 406
	.....	1997 .. 478 747
	Michigan .....	2002 .. 230 365
	.....	1997 .. 137 718
	New Jersey .....	2002 .. 248 770
	.....	1997 .. 222 025
	New York .....	2002 .. 114 355
	.....	1997 .. 190 444
	North Carolina .....	2002 .. 234 824
	.....	1997 .. 196 924
	Ohio .....	2002 .. 607 607
	.....	1997 .. 854 604
Pennsylvania .....	2002 .. 329 520	
.....	1997 .. 402 986	
Rhode Island .....	2002 .. 31 300	
.....	1997 .. N	
Texas .....	2002 .. 65 729	
.....	1997 .. N	
Wisconsin .....	2002 .. 448 853	
.....	1997 .. 282 372	
3222226	Wallcoverings	
	United States .....	2002 .. 342 359
	.....	1997 .. 456 830
	New Jersey .....	2002 .. 67 163
.....	1997 .. 67 458	
Pennsylvania .....	2002 .. 68 661	
.....	1997 .. N	
3222228	Converted foil for nonpackaging applications	
	United States .....	2002 .. 555 090
	.....	1997 .. N
	New Jersey .....	2002 .. 169 519
	.....	1997 .. N
	Ohio .....	2002 .. 71 679
.....	1997 .. N	
Virginia .....	2002 .. 26 926	
.....	1997 .. N	
3222229	Other coated and processed papers, except for packaging uses	
	United States .....	2002 .. 1 593 257
	.....	1997 .. 2 025 694
	Illinois .....	2002 .. 56 264
	.....	1997 .. 97 366
	Massachusetts .....	2002 .. 125 289
	.....	1997 .. 263 952
	New York .....	2002 .. 51 416
.....	1997 .. N	
Pennsylvania .....	2002 .. 247 630	
.....	1997 .. N	
322222A	Gift wrap paper	
	United States .....	2002 .. 419 359
.....	1997 .. N	
3222231	Specialty bags, pouches, and liners, coated and single-web paper	
	United States .....	2002 .. 164 361
	.....	1997 .. 143 081
	Illinois .....	2002 .. 51 011
	.....	1997 .. N
	Ohio .....	2002 .. 2 410
.....	1997 .. N	
Tennessee .....	2002 .. 41 301	
.....	1997 .. N	
3222233	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film	
	United States .....	2002 .. 426 318
	.....	1997 .. 399 077
	Illinois .....	2002 .. 39 464
	.....	1997 .. 44 442
Pennsylvania .....	2002 .. 77 976	
.....	1997 .. 81 191	
3222241	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags	
	United States .....	2002 .. 790 978
	.....	1997 .. 1 010 846
	Arkansas .....	2002 .. 64 004
	.....	1997 .. N
	Illinois .....	2002 .. 32 861
.....	1997 .. N	
New Jersey .....	2002 .. 59 301	
.....	1997 .. 125 558	
3222243	Shipping sacks and multiwall bags, all materials, except textiles	
	United States .....	2002 .. 1 274 327
	.....	1997 .. 1 538 505
	Arkansas .....	2002 .. 177 522
	.....	1997 .. 273 389
	Illinois .....	2002 .. 53 017
	.....	1997 .. 71 272
	Ohio .....	2002 .. 91 889
.....	1997 .. N	
Washington .....	2002 .. 40 426	
.....	1997 .. 63 159	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3222250	Laminated aluminum foil rolls and sheets for flexible packaging uses (converting and printing or converting only)	
	United States .....	2002.. 1 459 949
	Georgia .....	1997.. 1 411 708
	Illinois .....	2002.. 41 108
	Kentucky .....	1997.. N
	New Jersey .....	2002.. 130 916
	Ohio .....	1997.. N
	Wisconsin .....	2002.. 236 161
	Wisconsin .....	1997.. N
	Wisconsin .....	2002.. 91 736
3222260	Pasted, lined, laminated, or surface-coated paperboard	
	United States .....	2002.. 873 155
	California .....	1997.. 1 138 806
	Illinois .....	2002.. 20 939
	Massachusetts .....	1997.. N
	Missouri .....	2002.. 109 714
	New Jersey .....	1997.. N
	New York .....	2002.. 16 340
	Ohio .....	1997.. N
	Pennsylvania .....	2002.. 46 560
3222311	Die-cut paper and paperboard office supplies	
	United States .....	2002.. 1 228 115
	Arkansas .....	1997.. 1 192 411
	California .....	2002.. 4 823
	Massachusetts .....	1997.. 4 834
	Pennsylvania .....	2002.. 98 013
	Pennsylvania .....	1997.. 100 638
	Pennsylvania .....	2002.. 98 735
	Pennsylvania .....	1997.. 101 209
	Pennsylvania .....	2002.. 31 936
3222313	Paper supplies for business machines and other miscellaneous unprinted paper office supplies	
	United States .....	2002.. 1 183 692
	California .....	1997.. 853 149
	Massachusetts .....	2002.. 43 829
	Pennsylvania .....	1997.. 54 694
3222320	Envelopes, commercial, all types and materials	
	United States .....	2002.. 3 161 180
	California .....	1997.. 3 478 408
	Colorado .....	2002.. 256 196
	Florida .....	1997.. N
	Georgia .....	2002.. 37 999
	Illinois .....	1997.. N
	Indiana .....	2002.. 90 226
	Iowa .....	1997.. N
	Kansas .....	2002.. 123 857
Kentucky .....	1997.. N	
Maryland .....	2002.. 256 680	
Massachusetts .....	1997.. N	
Michigan .....	2002.. 63 920	
Minnesota .....	1997.. N	
Missouri .....	2002.. 48 744	
New Jersey .....	1997.. N	
New York .....	2002.. 66 959	
North Carolina .....	1997.. N	
North Carolina .....	2002.. 76 550	
North Carolina .....	1997.. N	
North Carolina .....	2002.. 38 940	
North Carolina .....	1997.. N	
North Carolina .....	2002.. 209 128	
North Carolina .....	1997.. N	
North Carolina .....	2002.. 46 032	
North Carolina .....	1997.. N	
North Carolina .....	2002.. 93 399	
North Carolina .....	1997.. N	
North Carolina .....	2002.. 134 174	
North Carolina .....	1997.. N	
North Carolina .....	2002.. 108 958	
North Carolina .....	1997.. N	
North Carolina .....	2002.. 217 101	
North Carolina .....	1997.. N	
North Carolina .....	2002.. 35 209	
North Carolina .....	1997.. N	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3222320	Envelopes, commercial, all types and materials—Con.	
	Ohio ..... 2002 ..	84 631
	..... 1997 ..	N
	Oklahoma ..... 2002 ..	17 247
	..... 1997 ..	N
	Pennsylvania ..... 2002 ..	396 285
	..... 1997 ..	N
	Tennessee ..... 2002 ..	148 119
	..... 1997 ..	N
	Texas ..... 2002 ..	200 435
	..... 1997 ..	N
	Virginia ..... 2002 ..	37 266
	..... 1997 ..	N
	Washington ..... 2002 ..	48 072
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	159 709
	..... 1997 ..	N
3222331	Stationery	
	United States ..... 2002 ..	359 300
	..... 1997 ..	214 646
	Massachusetts ..... 2002 ..	2 418
	..... 1997 ..	7 179
3222333	Tablets, pads, and related products	
	United States ..... 2002 ..	1 030 707
	..... 1997 ..	1 226 382
	Massachusetts ..... 2002 ..	68 687
	..... 1997 ..	115 803
	North Carolina ..... 2002 ..	47 155
	..... 1997 ..	32 735
3222912	Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding	
	United States ..... 2002 ..	4 843 482
	..... 1997 ..	N
3222915	Sanitary tissue paper products, made from purchased sanitary paper stock or wadding	
	United States ..... 2002 ..	3 850 388
	..... 1997 ..	1 648 240
3222991	Molded pulp goods, including egg cartons, florist pots, food trays, etc.	
	United States ..... 2002 ..	390 854
	..... 1997 ..	466 042
	Ohio ..... 2002 ..	36 365
	..... 1997 ..	N
	Pennsylvania ..... 2002 ..	15 658
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	6 539
	..... 1997 ..	N
3222993	Miscellaneous converted paper and paperboard products	
	United States ..... 2002 ..	3 349 705
	..... 1997 ..	2 647 945
	Alabama ..... 2002 ..	68 014
	..... 1997 ..	29 688
	Arizona ..... 2002 ..	135 482
	..... 1997 ..	N
	Connecticut ..... 2002 ..	32 105
	..... 1997 ..	61 864
	Florida ..... 2002 ..	66 961
	..... 1997 ..	37 776
	Iowa ..... 2002 ..	4 992
	..... 1997 ..	8 103
	Maryland ..... 2002 ..	7 763
	..... 1997 ..	11 766
	Michigan ..... 2002 ..	174 677
	..... 1997 ..	140 317
	New Jersey ..... 2002 ..	191 979
	..... 1997 ..	105 161
	Ohio ..... 2002 ..	256 250
	..... 1997 ..	125 809
	Pennsylvania ..... 2002 ..	243 277
	..... 1997 ..	268 062
	South Carolina ..... 2002 ..	53 650
	..... 1997 ..	34 433
	Virginia ..... 2002 ..	114 128
	..... 1997 ..	65 310
	Wisconsin ..... 2002 ..	272 652
	..... 1997 ..	283 117
3231101	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)	
	United States ..... 2002 ..	6 389 734
	..... 1997 ..	5 232 685
	Alabama ..... 2002 ..	25 520
	..... 1997 ..	25 370
	Arizona ..... 2002 ..	32 933
	..... 1997 ..	22 144
	Arkansas ..... 2002 ..	62 773
	..... 1997 ..	56 078
	California ..... 2002 ..	504 803
	..... 1997 ..	400 351
	Colorado ..... 2002 ..	92 812
	..... 1997 ..	55 473
	Connecticut ..... 2002 ..	22 467
	..... 1997 ..	28 815

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3231101	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)—Con.		
	Delaware .....	2002.. 2 788 1997.. N	
	District of Columbia .....	2002.. 5 249 1997.. 22 238	
	Florida .....	2002.. 258 491 1997.. 234 681	
	Georgia .....	2002.. 123 778 1997.. 132 626	
	Hawaii .....	2002.. 13 806 1997.. 11 792	
	Idaho .....	2002.. 27 554 1997.. N	
	Illinois .....	2002.. 590 122 1997.. 431 053	
	Indiana .....	2002.. 44 034 1997.. 50 102	
	Iowa .....	2002.. 42 170 1997.. 23 104	
	Kansas .....	2002.. 51 415 1997.. 42 551	
	Kentucky .....	2002.. 474 995 1997.. 430 235	
	Louisiana .....	2002.. 16 336 1997.. 9 135	
	Maine .....	2002.. 18 625 1997.. 3 013	
	Maryland .....	2002.. 212 461 1997.. 111 684	
	Massachusetts .....	2002.. 49 082 1997.. 36 349	
	Michigan .....	2002.. 192 886 1997.. 136 096	
	Minnesota .....	2002.. 359 608 1997.. 280 810	
	Mississippi .....	2002.. 89 714 1997.. N	
	Missouri .....	2002.. 123 762 1997.. 93 407	
	Nebraska .....	2002.. 56 363 1997.. N	
	Nevada .....	2002.. 65 439 1997.. 41 154	
	New Jersey .....	2002.. 147 926 1997.. 37 681	
	New Mexico .....	2002.. 4 843 1997.. 2 307	
	New York .....	2002.. 180 096 1997.. 179 230	
	North Carolina .....	2002.. 101 883 1997.. 21 498	
	North Dakota .....	2002.. 3 882 1997.. 5 319	
	Ohio .....	2002.. 283 126 1997.. 198 677	
	Oklahoma .....	2002.. 56 272 1997.. 69 400	
	Oregon .....	2002.. 35 302 1997.. 14 398	
	Pennsylvania .....	2002.. 676 080 1997.. 476 888	
	South Carolina .....	2002.. 29 332 1997.. 10 321	
	South Dakota .....	2002.. 3 125 1997.. 2 598	
	Tennessee .....	2002.. 214 690 1997.. 310 079	
	Texas .....	2002.. 241 505 1997.. 176 962	
	Utah .....	2002.. 31 123 1997.. 33 111	
	Virginia .....	2002.. 160 296 1997.. 254 768	
	Washington .....	2002.. 48 362 1997.. 32 390	
	Wisconsin .....	2002.. 499 304 1997.. 452 298	
	3231103	Label and wrapper printing (lithographic)	
		United States .....	2002.. 2 138 806 1997.. 1 940 329
		Alabama .....	2002.. 8 547 1997.. 4 504
		Arizona .....	2002.. 9 758 1997.. 18 457
		Arkansas .....	2002.. 5 222 1997.. 16 890
		California .....	2002.. 227 222 1997.. 175 385
		Colorado .....	2002.. 10 898 1997.. 5 755
		Connecticut .....	2002.. 22 670 1997.. 15 904
		Florida .....	2002.. 19 726 1997.. 41 918
		Georgia .....	2002.. 30 388 1997.. 9 812
		Illinois .....	2002.. 205 624 1997.. 220 727
Indiana .....		2002.. 75 502 1997.. 38 800	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3231103	Label and wrapper printing (lithographic)—Con.	
	Iowa ..... 2002..	8 498
	..... 1997..	22 746
	Kansas ..... 2002..	53 746
	..... 1997..	31 081
	Kentucky ..... 2002..	89 066
	..... 1997..	53 299
	Maryland ..... 2002..	58 263
	..... 1997..	26 762
	Massachusetts ..... 2002..	24 682
	..... 1997..	34 788
	Michigan ..... 2002..	57 315
	..... 1997..	101 353
	Minnesota ..... 2002..	51 444
	..... 1997..	77 173
	Missouri ..... 2002..	66 223
	..... 1997..	90 297
	Nebraska ..... 2002..	8 919
	..... 1997..	N
	New Hampshire ..... 2002..	16 140
	..... 1997..	N
	New Jersey ..... 2002..	88 188
	..... 1997..	66 469
	New York ..... 2002..	148 389
	..... 1997..	125 151
	North Carolina ..... 2002..	161 653
	..... 1997..	107 971
	Ohio ..... 2002..	180 841
..... 1997..	129 902	
Oregon ..... 2002..	6 701	
..... 1997..	7 955	
Pennsylvania ..... 2002..	116 991	
..... 1997..	168 093	
Tennessee ..... 2002..	59 813	
..... 1997..	45 233	
Texas ..... 2002..	95 588	
..... 1997..	53 267	
Virginia ..... 2002..	91 707	
..... 1997..	25 064	
Washington ..... 2002..	11 461	
..... 1997..	5 694	
Wisconsin ..... 2002..	82 136	
..... 1997..	90 486	
3231105	Catalog and directory printing (lithographic)	
	United States ..... 2002..	4 455 550
	..... 1997..	5 063 520
	Alabama ..... 2002..	78 414
	..... 1997..	94 021
	Arizona ..... 2002..	11 409
	..... 1997..	7 064
	California ..... 2002..	392 248
	..... 1997..	385 045
	Colorado ..... 2002..	194 113
	..... 1997..	194 849
	Connecticut ..... 2002..	41 913
	..... 1997..	100 866
	Delaware ..... 2002..	2 709
	..... 1997..	N
	Florida ..... 2002..	49 924
	..... 1997..	98 479
	Georgia ..... 2002..	152 894
	..... 1997..	231 795
	Illinois ..... 2002..	496 314
	..... 1997..	550 607
	Indiana ..... 2002..	34 615
	..... 1997..	37 953
	Iowa ..... 2002..	66 430
	..... 1997..	90 120
	Kansas ..... 2002..	17 564
	..... 1997..	84 943
	Kentucky ..... 2002..	43 018
	..... 1997..	64 544
	Maryland ..... 2002..	69 741
	..... 1997..	56 707
	Massachusetts ..... 2002..	43 417
	..... 1997..	56 602
	Michigan ..... 2002..	41 221
	..... 1997..	67 122
	Minnesota ..... 2002..	345 568
	..... 1997..	400 177
	Missouri ..... 2002..	88 789
	..... 1997..	116 236
	Montana ..... 2002..	4 370
	..... 1997..	2 392
	New Hampshire ..... 2002..	10 534
..... 1997..	7 591	
New Jersey ..... 2002..	36 455	
..... 1997..	68 250	
New Mexico ..... 2002..	3 721	
..... 1997..	N	
New York ..... 2002..	165 415	
..... 1997..	187 725	
North Carolina ..... 2002..	27 389	
..... 1997..	45 135	
Ohio ..... 2002..	161 761	
..... 1997..	207 050	
Oregon ..... 2002..	78 585	
..... 1997..	101 233	
Pennsylvania ..... 2002..	510 888	
..... 1997..	573 207	
Rhode Island ..... 2002..	5 147	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3231105	Catalog and directory printing (lithographic)—Con.	
	Rhode Island—Con.	
	South Carolina .....	1997.. 8 189
	.....	2002.. 11 909
	Tennessee .....	1997.. 7 965
	.....	2002.. 75 025
	Texas .....	1997.. 142 684
	.....	2002.. 69 099
	Utah .....	1997.. 102 343
	.....	2002.. 6 733
	.....	1997.. 7 191
Virginia .....	2002.. 46 241	
.....	1997.. 64 245	
Washington .....	2002.. 22 581	
.....	1997.. 16 153	
Wisconsin .....	2002.. 653 753	
.....	1997.. 546 543	
3231107	Financial and legal printing (lithographic)	
	United States .....	2002.. 2 373 358
	.....	1997.. 2 613 461
	Alabama .....	2002.. 36 062
	.....	1997.. 6 746
	Arizona .....	2002.. 19 579
	.....	1997.. 23 033
	California .....	2002.. 154 661
	.....	1997.. 323 352
	Colorado .....	2002.. 6 882
	.....	1997.. 18 511
	Connecticut .....	2002.. 27 122
	.....	1997.. 35 566
	District of Columbia .....	2002.. 10 389
	.....	1997.. N
	Florida .....	2002.. 42 114
	.....	1997.. 18 926
	Georgia .....	2002.. 115 673
	.....	1997.. 101 849
	Illinois .....	2002.. 166 036
	.....	1997.. 134 488
	Indiana .....	2002.. 53 680
	.....	1997.. 20 713
	Iowa .....	2002.. 10 473
	.....	1997.. 21 042
	Kansas .....	2002.. 4 516
	.....	1997.. 75 046
	Kentucky .....	2002.. 30 149
	.....	1997.. 20 656
	Maryland .....	2002.. 76 229
	.....	1997.. 104 659
	Massachusetts .....	2002.. 166 353
	.....	1997.. 216 059
	Michigan .....	2002.. 21 488
	.....	1997.. 56 649
	Minnesota .....	2002.. 50 658
	.....	1997.. 81 397
	Missouri .....	2002.. 16 986
	.....	1997.. 30 702
	New Jersey .....	2002.. 381 094
	.....	1997.. 228 909
New York .....	2002.. 157 094	
.....	1997.. 237 664	
North Carolina .....	2002.. 12 719	
.....	1997.. 59 949	
Ohio .....	2002.. 63 234	
.....	1997.. 66 358	
Oklahoma .....	2002.. 10 778	
.....	1997.. 4 897	
Oregon .....	2002.. 11 884	
.....	1997.. 20 203	
Pennsylvania .....	2002.. 241 313	
.....	1997.. 200 287	
Rhode Island .....	2002.. 4 074	
.....	1997.. 8 379	
South Carolina .....	2002.. 2 390	
.....	1997.. 2 816	
Tennessee .....	2002.. 53 871	
.....	1997.. 31 937	
Texas .....	2002.. 202 996	
.....	1997.. 282 604	
Utah .....	2002.. 15 077	
.....	1997.. 11 704	
Virginia .....	2002.. 76 673	
.....	1997.. 31 134	
Washington .....	2002.. 71 353	
.....	1997.. 60 796	
Wisconsin .....	2002.. 17 730	
.....	1997.. 23 995	
3231109	Advertising printing (lithographic)	
	United States .....	2002.. 13 922 002
	.....	1997.. 14 989 698
	Alabama .....	2002.. 104 400
	.....	1997.. 89 658
	Alaska .....	2002.. 4 804
	.....	1997.. 5 966
	Arizona .....	2002.. 74 057
	.....	1997.. 135 582
	Arkansas .....	2002.. 50 099
	.....	1997.. 35 252
California .....	2002.. 1 632 482	
.....	1997.. 1 879 716	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3231109	Advertising printing (lithographic)—Con.	
	Colorado ..... 2002..	120 613
	..... 1997..	112 606
	Connecticut ..... 2002..	383 360
	..... 1997..	459 844
	Delaware ..... 2002..	7 529
	..... 1997..	9 160
	Florida ..... 2002..	336 669
	..... 1997..	297 799
	Georgia ..... 2002..	280 998
	..... 1997..	374 736
	Hawaii ..... 2002..	18 819
	..... 1997..	26 094
	Illinois ..... 2002..	1 350 799
	..... 1997..	1 587 616
	Indiana ..... 2002..	224 957
	..... 1997..	309 599
	Iowa ..... 2002..	244 254
	..... 1997..	147 464
	Kansas ..... 2002..	413 035
	..... 1997..	387 813
	Kentucky ..... 2002..	188 591
	..... 1997..	204 008
	Louisiana ..... 2002..	36 459
	..... 1997..	61 909
	Maine ..... 2002..	15 694
	..... 1997..	46 111
	Maryland ..... 2002..	228 856
	..... 1997..	309 131
	Massachusetts ..... 2002..	379 750
	..... 1997..	411 623
	Michigan ..... 2002..	523 905
	..... 1997..	665 891
	Minnesota ..... 2002..	1 141 472
	..... 1997..	887 520
	Mississippi ..... 2002..	31 280
	..... 1997..	14 851
	Missouri ..... 2002..	291 236
	..... 1997..	303 774
	Montana ..... 2002..	7 129
	..... 1997..	8 751
	Nebraska ..... 2002..	46 393
	..... 1997..	69 180
	Nevada ..... 2002..	23 397
	..... 1997..	46 887
	New Hampshire ..... 2002..	53 892
	..... 1997..	78 326
	New Jersey ..... 2002..	820 883
	..... 1997..	790 540
	New Mexico ..... 2002..	3 712
	..... 1997..	6 544
	New York ..... 2002..	618 760
	..... 1997..	746 690
	North Carolina ..... 2002..	405 997
	..... 1997..	445 890
	North Dakota ..... 2002..	11 037
	..... 1997..	8 948
	Ohio ..... 2002..	675 734
	..... 1997..	784 901
	Oklahoma ..... 2002..	86 003
	..... 1997..	107 809
	Oregon ..... 2002..	174 888
	..... 1997..	214 734
	Pennsylvania ..... 2002..	908 541
	..... 1997..	961 134
	Rhode Island ..... 2002..	7 791
	..... 1997..	22 404
	South Carolina ..... 2002..	60 075
	..... 1997..	36 321
	South Dakota ..... 2002..	17 678
	..... 1997..	8 621
	Tennessee ..... 2002..	142 009
	..... 1997..	188 820
	Texas ..... 2002..	677 323
	..... 1997..	637 040
	Utah ..... 2002..	94 072
	..... 1997..	56 739
	Vermont ..... 2002..	14 377
	..... 1997..	20 756
	Virginia ..... 2002..	324 746
	..... 1997..	317 914
	Washington ..... 2002..	129 793
	..... 1997..	140 802
	Wisconsin ..... 2002..	465 490
	..... 1997..	484 456
323110B	Other commercial and general job printing (lithographic)	
	United States ..... 2002..	8 126 587
	..... 1997..	10 088 528
	Alabama ..... 2002..	43 727
	..... 1997..	57 975
	Alaska ..... 2002..	2 883
	..... 1997..	2 813
	Arizona ..... 2002..	76 248
	..... 1997..	96 595
	Arkansas ..... 2002..	47 893
	..... 1997..	47 546
	California ..... 2002..	732 025
	..... 1997..	793 685
	Colorado ..... 2002..	64 978
	..... 1997..	98 748
	Connecticut ..... 2002..	41 812

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
323110B	Other commercial and general job printing (lithographic)—Con.	
	Connecticut—Con.	
	Delaware .....	1997 .. 108 413 2002 .. 4 349
	District of Columbia .....	1997 .. 8 128 2002 .. 18 399
	Florida .....	1997 .. 15 332 2002 .. 230 309
	Georgia .....	1997 .. 289 579 2002 .. 193 375
	Hawaii .....	1997 .. 227 339 2002 .. 6 475
	Idaho .....	1997 .. 16 650 2002 .. 5 927
	Illinois .....	1997 .. 17 161 2002 .. 485 597
	Indiana .....	1997 .. 669 661 2002 .. 176 477
	Iowa .....	1997 .. 302 859 2002 .. 82 184
	Kansas .....	1997 .. 196 159 2002 .. 59 532
	Kentucky .....	1997 .. 65 809 2002 .. 61 054
	Louisiana .....	1997 .. 168 153 2002 .. 16 176
	Maine .....	1997 .. 37 652 2002 .. 23 764
	Maryland .....	1997 .. 29 368 2002 .. 222 068
	Massachusetts .....	1997 .. 219 150 2002 .. 252 637
	Michigan .....	1997 .. 239 880 2002 .. 342 085
	Minnesota .....	1997 .. 354 392 2002 .. 314 145
	Missouri .....	1997 .. 621 613 2002 .. 203 775
	Montana .....	1997 .. 255 566 2002 .. 10 377
	Nebraska .....	1997 .. 9 848 2002 .. 75 562
	New Hampshire .....	1997 .. 65 041 2002 .. 45 695
	New Jersey .....	1997 .. 60 155 2002 .. 515 538
	New Mexico .....	1997 .. 538 756 2002 .. 14 135
	New York .....	1997 .. 19 966 2002 .. 943 364
	North Carolina .....	1997 .. 1 282 986 2002 .. 157 227
	North Dakota .....	1997 .. 212 271 2002 .. 13 630
	Ohio .....	1997 .. 9 190 2002 .. 395 617
	Oklahoma .....	1997 .. 537 508 2002 .. 34 336
	Oregon .....	1997 .. 32 591 2002 .. 87 170
	Pennsylvania .....	1997 .. 84 869 2002 .. 449 048
	Rhode Island .....	1997 .. 516 668 2002 .. 18 676
	South Carolina .....	1997 .. 25 358 2002 .. 36 642
	South Dakota .....	1997 .. 47 055 2002 .. 18 180
	Tennessee .....	1997 .. 9 290 2002 .. 139 533
	Texas .....	1997 .. 160 771 2002 .. 341 680
	Utah .....	1997 .. 596 360 2002 .. 107 669
	Vermont .....	1997 .. 41 301 2002 .. 18 692
	Virginia .....	1997 .. 36 961 2002 .. 396 753
	Washington .....	1997 .. 328 320 2002 .. 129 691
	West Virginia .....	1997 .. 180 833 2002 .. 41 932
	Wisconsin .....	1997 .. 38 998 2002 .. 403 907
		1997 .. 260 398
3231111	Magazine and periodical printing (gravure), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts)	
	United States .....	2002 .. 614 236 1997 .. 780 767
3231113	Label and wrapper printing (gravure)	
	United States .....	2002 .. 659 575 1997 .. 736 982
	Minnesota .....	2002 .. 2 467 1997 .. N
	Pennsylvania .....	2002 .. 27 267 1997 .. N
3231115	Catalog and directory printing (gravure)	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3231115	Catalog and directory printing (gravure)—Con.	
	United States .....	2002 .. 732 353 1997 .. 837 823
3231117	Advertising printing (gravure)	
	United States .....	2002 .. 956 410 1997 .. 702 355
	Illinois .....	2002 .. 40 295 1997 .. N
	Minnesota .....	2002 .. 34 274 1997 .. N
	New Jersey .....	2002 .. 5 385 1997 .. N
	New York .....	2002 .. 103 221 1997 .. N
	Pennsylvania .....	2002 .. 97 506 1997 .. 49 491
3231119	Other commercial and general job printing (gravure)	
	United States .....	2002 .. 186 683 1997 .. 556 474
3231121	Label and wrapper printing (flexographic)	
	United States .....	2002 .. 4 090 515 1997 .. 3 532 321
	California .....	2002 .. 291 471 1997 .. 253 511
	Illinois .....	2002 .. 211 513 1997 .. 241 312
	Louisiana .....	2002 .. 44 969 1997 .. 43 056
	Massachusetts .....	2002 .. 64 670 1997 .. 56 253
	Minnesota .....	2002 .. 181 237 1997 .. 161 965
	Nebraska .....	2002 .. 117 014 1997 .. 98 502
	New Jersey .....	2002 .. 84 001 1997 .. 125 041
	New York .....	2002 .. 182 147 1997 .. 170 892
	Ohio .....	2002 .. 408 476 1997 .. 337 868
	Pennsylvania .....	2002 .. 233 514 1997 .. 174 427
	Rhode Island .....	2002 .. 3 662 1997 .. 5 936
	South Carolina .....	2002 .. 11 000 1997 .. 7 543
3231123	Other commercial and general job printing (flexographic)	
	United States .....	2002 .. 657 093 1997 .. 725 630
	California .....	2002 .. 35 614 1997 .. 110 074
	Illinois .....	2002 .. 25 329 1997 .. 81 568
	Minnesota .....	2002 .. 11 144 1997 .. N
	New Jersey .....	2002 .. 4 770 1997 .. 7 120
	New York .....	2002 .. 53 165 1997 .. 5 627
	Ohio .....	2002 .. 32 702 1997 .. 17 840
	Pennsylvania .....	2002 .. 30 770 1997 .. 38 568
3231132	Screen printed labels	
	United States .....	2002 .. 788 560 1997 .. N
	California .....	2002 .. 225 911 1997 .. N
	Connecticut .....	2002 .. 45 161 1997 .. N
	Florida .....	2002 .. 15 876 1997 .. N
	Georgia .....	2002 .. 4 424 1997 .. N
	Illinois .....	2002 .. 34 341 1997 .. N
	Indiana .....	2002 .. 40 610 1997 .. N
	Iowa .....	2002 .. 3 003 1997 .. N
	Massachusetts .....	2002 .. 15 927 1997 .. N
	Minnesota .....	2002 .. 57 080 1997 .. N
	New Jersey .....	2002 .. 30 012 1997 .. N
	New York .....	2002 .. 11 223 1997 .. N
	Ohio .....	2002 .. 46 964 1997 .. N
	Pennsylvania .....	2002 .. 20 737 1997 .. N
	South Carolina .....	2002 .. 15 742 1997 .. N

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3231132	Screen printed labels—Con.	
	Tennessee .....	2002.. 2 449
		1997.. N
	Texas .....	2002.. 15 943
		1997.. N
3231134	Washington .....	2002.. 4 697
		1997.. N
	Wisconsin .....	2002.. 59 132
		1997.. N
	Screen printing on garments, apparel accessories, and other fabric articles, except labels	
3231134	United States .....	2002.. 2 111 333
		1997.. N
3231134	Alabama .....	2002.. 12 968
		1997.. N
3231134	Arkansas .....	2002.. 6 119
		1997.. N
3231134	California .....	2002.. 456 022
		1997.. N
3231134	Connecticut .....	2002.. 2 012
		1997.. N
3231134	Florida .....	2002.. 116 151
		1997.. N
3231134	Georgia .....	2002.. 16 695
		1997.. N
3231134	Idaho .....	2002.. 5 135
		1997.. N
3231134	Illinois .....	2002.. 20 064
		1997.. N
3231134	Indiana .....	2002.. 17 627
		1997.. N
3231134	Iowa .....	2002.. 31 924
		1997.. N
3231134	Louisiana .....	2002.. 6 758
		1997.. N
3231134	Maryland .....	2002.. 21 875
		1997.. N
3231134	Massachusetts .....	2002.. 6 240
		1997.. N
3231134	Minnesota .....	2002.. 40 047
		1997.. N
3231134	Mississippi .....	2002.. 6 974
		1997.. N
3231134	Nevada .....	2002.. 11 341
		1997.. N
3231134	New Hampshire .....	2002.. 19 075
		1997.. N
3231134	New Jersey .....	2002.. 91 697
		1997.. N
3231134	New York .....	2002.. 93 449
		1997.. N
3231134	North Carolina .....	2002.. 126 993
		1997.. N
3231134	Ohio .....	2002.. 34 597
		1997.. N
3231134	Oregon .....	2002.. 12 011
		1997.. N
3231134	Pennsylvania .....	2002.. 53 967
		1997.. N
3231134	Rhode Island .....	2002.. 60 631
		1997.. N
3231134	South Carolina .....	2002.. 33 220
		1997.. N
3231134	Tennessee .....	2002.. 31 453
		1997.. N
3231134	Texas .....	2002.. 94 103
		1997.. N
3231134	Utah .....	2002.. 17 002
		1997.. N
3231134	Virginia .....	2002.. 50 904
		1997.. N
3231134	Washington .....	2002.. 20 009
		1997.. N
3231134	Wisconsin .....	2002.. 138 262
		1997.. N
3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels)	
	United States .....	2002.. 2 093 132
3231136	Arizona .....	2002.. 24 677
		1997.. N
3231136	California .....	2002.. 228 259
		1997.. N
3231136	Colorado .....	2002.. 31 579
		1997.. N
3231136	Connecticut .....	2002.. 13 789
		1997.. N
3231136	Florida .....	2002.. 57 383
		1997.. N
3231136	Georgia .....	2002.. 62 219
		1997.. N
3231136	Illinois .....	2002.. 109 916
		1997.. N
3231136	Indiana .....	2002.. 31 360
		1997.. N
3231136	Iowa .....	2002.. 30 395
		1997.. N
3231136	Kentucky .....	2002.. 24 898
		1997.. N
3231136	Maine .....	2002.. 4 335
		1997.. N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels)—Con.		
	Massachusetts .....	2002.. 43 744 1997.. N	
	Michigan .....	2002.. 74 050 1997.. N	
	Minnesota .....	2002.. 120 909 1997.. N	
	Mississippi .....	2002.. 6 696 1997.. N	
	Missouri .....	2002.. 97 373 1997.. N	
	Nebraska .....	2002.. 6 242 1997.. N	
	New Jersey .....	2002.. 103 431 1997.. N	
	New York .....	2002.. 61 506 1997.. N	
	North Dakota .....	2002.. 2 279 1997.. N	
	Ohio .....	2002.. 155 594 1997.. N	
	Oklahoma .....	2002.. 23 250 1997.. N	
	Pennsylvania .....	2002.. 74 478 1997.. N	
	Rhode Island .....	2002.. 6 007 1997.. N	
	South Carolina .....	2002.. 11 949 1997.. N	
	Tennessee .....	2002.. 71 370 1997.. N	
	Texas .....	2002.. 110 548 1997.. N	
	Virginia .....	2002.. 8 129 1997.. N	
	Washington .....	2002.. 23 743 1997.. N	
	Wisconsin .....	2002.. 213 297 1997.. N	
	3231140	Quick printing	
		United States .....	2002.. 3 747 244 1997.. 3 822 265
		Alabama .....	2002.. 32 791 1997.. N
		Alaska .....	2002.. 4 121 1997.. N
Arizona .....		2002.. 70 676 1997.. N	
Arkansas .....		2002.. 16 940 1997.. N	
California .....		2002.. 736 100 1997.. N	
Colorado .....		2002.. 62 963 1997.. N	
Connecticut .....		2002.. 98 214 1997.. N	
Delaware .....		2002.. 10 558 1997.. N	
District of Columbia .....		2002.. 14 172 1997.. N	
Florida .....		2002.. 209 626 1997.. N	
Georgia .....		2002.. 110 149 1997.. N	
Hawaii .....		2002.. 17 875 1997.. N	
Idaho .....		2002.. 13 540 1997.. N	
Illinois .....		2002.. 188 160 1997.. N	
Indiana .....		2002.. 55 359 1997.. N	
Iowa .....		2002.. 36 270 1997.. N	
Kansas .....		2002.. 27 185 1997.. N	
Kentucky .....		2002.. 28 226 1997.. N	
Louisiana .....		2002.. 27 169 1997.. N	
Maine .....		2002.. 11 120 1997.. N	
Maryland .....		2002.. 82 485 1997.. N	
Massachusetts .....		2002.. 95 980 1997.. N	
Michigan .....		2002.. 125 082 1997.. N	
Minnesota .....		2002.. 92 401 1997.. N	
Mississippi .....		2002.. 16 939 1997.. N	
Missouri .....		2002.. 118 441 1997.. N	
Montana .....		2002.. 9 761 1997.. N	
Nebraska .....		2002.. 15 741 1997.. N	
Nevada .....		2002.. 16 259 1997.. N	
New Hampshire .....		2002.. 17 484	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3231140	Quick printing—Con.		
	New Hampshire—Con.		
	New Jersey .....	1997.. N 2002.. 169 771	
	New Mexico .....	1997.. N 2002.. 11 972	
	New York .....	1997.. N 2002.. 225 404	
	North Carolina .....	1997.. N 2002.. 89 672	
	North Dakota .....	1997.. N 2002.. 3 048	
	Ohio .....	1997.. N 2002.. 110 583	
	Oklahoma .....	1997.. N 2002.. 23 548	
	Oregon .....	1997.. N 2002.. 45 982	
	Pennsylvania .....	1997.. N 2002.. 157 320	
	Rhode Island .....	1997.. N 2002.. 16 321	
	South Carolina .....	1997.. N 2002.. 24 888	
	South Dakota .....	1997.. N 2002.. 4 424	
	Tennessee .....	1997.. N 2002.. 41 748	
	Texas .....	1997.. N 2002.. 193 229	
	Utah .....	1997.. N 2002.. 39 696	
	Vermont .....	1997.. N 2002.. 6 179	
	Virginia .....	1997.. N 2002.. 71 449	
	Washington .....	1997.. N 2002.. 61 381	
	West Virginia .....	1997.. N 2002.. 6 498	
	Wisconsin .....	1997.. N 2002.. 78 616	
	Wyoming .....	1997.. N 2002.. 3 728	
		1997.. N	
	3231150	Digital printing	
		United States .....	2002.. 2 884 293 1997.. 492 767
		Alabama .....	2002.. 12 990 1997.. N
Arizona .....		2002.. 24 674 1997.. N	
California .....		2002.. 548 539 1997.. N	
Colorado .....		2002.. 46 534 1997.. N	
Connecticut .....		2002.. 118 926 1997.. N	
Delaware .....		2002.. 5 906 1997.. N	
Florida .....		2002.. 85 692 1997.. N	
Georgia .....		2002.. 64 221 1997.. N	
Hawaii .....		2002.. 7 686 1997.. N	
Illinois .....		2002.. 219 046 1997.. N	
Indiana .....		2002.. 96 086 1997.. N	
Iowa .....		2002.. 37 650 1997.. N	
Kansas .....		2002.. 42 534 1997.. N	
Kentucky .....		2002.. 26 267 1997.. N	
Louisiana .....		2002.. 9 396 1997.. N	
Maine .....		2002.. 9 914 1997.. N	
Maryland .....		2002.. 29 993 1997.. N	
Massachusetts .....		2002.. 60 145 1997.. N	
Michigan .....		2002.. 50 625 1997.. N	
Minnesota .....		2002.. 66 384 1997.. N	
Mississippi .....		2002.. 4 996 1997.. N	
Missouri .....		2002.. 143 594 1997.. N	
Nebraska .....		2002.. 5 424 1997.. N	
Nevada .....		2002.. 19 130 1997.. N	
New Hampshire .....		2002.. 13 750 1997.. N	
New Jersey .....		2002.. 87 952 1997.. N	
New York .....		2002.. 236 727	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3231150	Digital printing—Con.		
	New York—Con.		
	North Carolina .....	1997.. N 2002.. 133 814	
	Ohio .....	1997.. N 2002.. 97 060	
	Oklahoma .....	1997.. N 2002.. 5 530	
	Oregon .....	1997.. N 2002.. 25 728	
	Pennsylvania .....	1997.. N 2002.. 87 910	
	Rhode Island .....	1997.. N 2002.. 6 286	
	South Carolina .....	1997.. N 2002.. 5 357	
	South Dakota .....	1997.. N 2002.. 6 693	
	Tennessee .....	1997.. N 2002.. 71 810	
	Texas .....	1997.. N 2002.. 168 886	
	Utah .....	1997.. N 2002.. 31 181	
	Virginia .....	1997.. N 2002.. 33 316	
	Washington .....	1997.. N 2002.. 35 218	
	Wisconsin .....	1997.. N 2002.. 64 689	
		1997.. N	
3231161	Unit set business forms, loose or bound		
	United States .....	2002.. 1 213 379 1997.. 1 594 840	
	California .....	2002.. 79 641 1997.. 131 995	
	Colorado .....	2002.. 7 900 1997.. 13 701	
	Florida .....	2002.. 18 958 1997.. 23 541	
	Georgia .....	2002.. 66 152 1997.. 85 383	
	Illinois .....	2002.. 72 973 1997.. 144 651	
	Indiana .....	2002.. 47 891 1997.. 59 462	
	Iowa .....	2002.. 62 625 1997.. 97 831	
	Maryland .....	2002.. 15 997 1997.. 4 220	
	Minnesota .....	2002.. 49 696 1997.. 20 570	
	Missouri .....	2002.. 103 386 1997.. 83 470	
	New Jersey .....	2002.. 11 535 1997.. 21 883	
	New York .....	2002.. 42 920 1997.. 49 455	
	North Carolina .....	2002.. 45 364 1997.. 32 400	
	Ohio .....	2002.. 84 026 1997.. 108 682	
	Pennsylvania .....	2002.. 108 867 1997.. 145 596	
	Tennessee .....	2002.. 18 542 1997.. 105 854	
	Texas .....	2002.. 136 661 1997.. 126 820	
	Wisconsin .....	2002.. 20 066 1997.. 17 313	
		1997.. N	
	3231163	Manifold books and pegboard accounting systems	
		United States .....	2002.. 94 848 1997.. 160 355
		California .....	2002.. 5 617 1997.. 33 384
		Ohio .....	2002.. 56 512 1997.. 10 621
	3231165	Custom continuous business forms	
		United States .....	2002.. 1 845 865 1997.. 2 523 101
Arizona .....		2002.. 17 400 1997.. 47 379	
California .....		2002.. 129 058 1997.. 215 266	
Florida .....		2002.. 39 922 1997.. 50 468	
Illinois .....		2002.. 83 988 1997.. 149 932	
Indiana .....		2002.. 46 016 1997.. 62 386	
Iowa .....		2002.. 140 951 1997.. 89 059	
Kansas .....		2002.. 101 788 1997.. 84 951	
Michigan .....		2002.. 31 408 1997.. 63 413	
Minnesota .....		2002.. 33 261 1997.. 50 868	
		1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3231165	Custom continuous business forms— Con.	
	New York .....	2002 .. 39 101
	.....	1997 .. 68 086
	Ohio .....	2002 .. 95 741
	.....	1997 .. 219 218
	Oregon .....	2002 .. 41 358
	.....	1997 .. 37 858
	Pennsylvania .....	2002 .. 170 164
	.....	1997 .. 178 015
	Tennessee .....	2002 .. 64 933
	.....	1997 .. 33 456
	Texas .....	2002 .. 120 760
	.....	1997 .. 176 398
Virginia .....	2002 .. 54 538	
.....	1997 .. 69 716	
Washington .....	2002 .. 19 127	
.....	1997 .. 27 907	
Wisconsin .....	2002 .. 80 558	
.....	1997 .. 48 462	
3231167	Stock continuous business forms	
	United States .....	2002 .. 691 061
	.....	1997 .. 1 065 457
	California .....	2002 .. 68 740
	.....	1997 .. 145 665
	New York .....	2002 .. 3 382
	.....	1997 .. 2 868
Ohio .....	2002 .. 16 866	
.....	1997 .. 7 761	
Pennsylvania .....	2002 .. 94 281	
.....	1997 .. 246 204	
3231169	Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut)	
	United States .....	2002 .. 1 591 050
	.....	1997 .. 1 618 640
	California .....	2002 .. 130 015
	.....	1997 .. 144 783
	North Carolina .....	2002 .. 85 866
	.....	1997 .. 80 531
Ohio .....	2002 .. 97 303	
.....	1997 .. 27 399	
Texas .....	2002 .. 231 931	
.....	1997 .. 194 776	
3231171	Textbook printing and binding	
	United States .....	2002 .. 1 152 697
	.....	1997 .. 999 809
	California .....	2002 .. 7 097
	.....	1997 .. 9 620
	Florida .....	2002 .. 12 182
	.....	1997 .. 4 371
	Iowa .....	2002 .. 75 980
	.....	1997 .. 47 090
	Maryland .....	2002 .. 21 276
	.....	1997 .. 18 286
	Massachusetts .....	2002 .. 46 693
	.....	1997 .. 38 294
	Michigan .....	2002 .. 34 792
	.....	1997 .. 48 307
	Minnesota .....	2002 .. 22 780
.....	1997 .. 5 270	
New Jersey .....	2002 .. 8 785	
.....	1997 .. N	
New York .....	2002 .. 43 282	
.....	1997 .. 42 865	
Pennsylvania .....	2002 .. 20 937	
.....	1997 .. 18 269	
Virginia .....	2002 .. 24 465	
.....	1997 .. 26 128	
Wisconsin .....	2002 .. 138 490	
.....	1997 .. 158 984	
3231173	Technical, scientific, and professional book printing and binding	
	United States .....	2002 .. 552 767
	.....	1997 .. 946 619
	Alabama .....	2002 .. 2 509
	.....	1997 .. N
	California .....	2002 .. 80 817
	.....	1997 .. 101 642
	Colorado .....	2002 .. 4 017
	.....	1997 .. 23 953
	Florida .....	2002 .. 14 554
	.....	1997 .. 5 422
	Illinois .....	2002 .. 7 884
	.....	1997 .. 18 040
	Maryland .....	2002 .. 18 463
	.....	1997 .. 46 169
	Massachusetts .....	2002 .. 66 816
	.....	1997 .. 116 604
	Michigan .....	2002 .. 34 314
	.....	1997 .. 82 624
	Minnesota .....	2002 .. 5 002
.....	1997 .. 22 940	
Missouri .....	2002 .. 36 934	
.....	1997 .. 7 691	
New York .....	2002 .. 28 417	
.....	1997 .. 34 186	
Ohio .....	2002 .. 24 089	
.....	1997 .. 25 832	

See footnotes at end of table.



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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3231173	Technical, scientific, and professional book printing and binding—Con.	
	Pennsylvania .....	2002.. 25 275
	.....	1997.. 76 508
	Tennessee .....	2002.. 18 126
	.....	1997.. 30 468
	Texas .....	2002.. 5 735
	.....	1997.. 53 044
	Virginia .....	2002.. 16 285
	.....	1997.. 35 408
	Washington .....	2002.. 5 604
	.....	1997.. 44 860
	Wisconsin .....	2002.. 11 672
	.....	1997.. 29 846
	3231175	Religious book printing and binding
United States .....		2002.. 327 717
.....		1997.. 339 078
California .....		2002.. 2 177
.....		1997.. N
Maryland .....		2002.. 14 419
.....		1997.. N
Massachusetts .....		2002.. 4 324
.....		1997.. N
Michigan .....		2002.. 25 961
.....		1997.. 26 582
Minnesota .....		2002.. 6 426
.....		1997.. N
New York .....		2002.. 3 083
.....	1997.. 3 696	
Virginia .....	2002.. 15 120	
.....	1997.. 15 672	
Wisconsin .....	2002.. 14 748	
.....	1997.. 7 649	
3231177	General book (trade, etc.) printing and binding	
	United States .....	2002.. 1 237 810
	.....	1997.. 1 316 352
	California .....	2002.. 13 869
	.....	1997.. 24 598
	Florida .....	2002.. 9 102
	.....	1997.. 15 490
	Illinois .....	2002.. 51 755
	.....	1997.. 37 332
	Iowa .....	2002.. 14 909
	.....	1997.. N
	Kentucky .....	2002.. 47 671
	.....	1997.. 70 476
	Maryland .....	2002.. 26 165
	.....	1997.. 22 024
	Massachusetts .....	2002.. 25 235
	.....	1997.. 33 837
	Michigan .....	2002.. 26 285
	.....	1997.. 55 301
	Minnesota .....	2002.. 23 716
	.....	1997.. 17 317
	Missouri .....	2002.. 75 865
	.....	1997.. 28 403
	New York .....	2002.. 86 553
	.....	1997.. 91 152
	Ohio .....	2002.. 76 765
	.....	1997.. 115 560
	Pennsylvania .....	2002.. 193 645
.....	1997.. 158 499	
Virginia .....	2002.. 191 985	
.....	1997.. 215 891	
Washington .....	2002.. 3 460	
.....	1997.. N	
Wisconsin .....	2002.. 48 242	
.....	1997.. 69 836	
3231179	Other book printing and binding	
	United States .....	2002.. 870 791
	.....	1997.. 901 400
	California .....	2002.. 82 032
	.....	1997.. 72 195
	Florida .....	2002.. 18 328
	.....	1997.. 13 219
	Illinois .....	2002.. 20 268
	.....	1997.. 38 882
	Iowa .....	2002.. 3 522
	.....	1997.. 2 567
	Kansas .....	2002.. 6 006
	.....	1997.. N
	Maryland .....	2002.. 68 443
	.....	1997.. 58 888
	Michigan .....	2002.. 79 407
	.....	1997.. 37 593
	Minnesota .....	2002.. 8 395
	.....	1997.. 11 930
	New York .....	2002.. 17 743
	.....	1997.. 22 400
	Ohio .....	2002.. 26 613
	.....	1997.. 44 458
	Pennsylvania .....	2002.. 91 204
	.....	1997.. 62 116
	Tennessee .....	2002.. 95 013
	.....	1997.. 68 505
	Wisconsin .....	2002.. 39 055
.....	1997.. 20 572	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
323117A	Books, printing only, not bound	
	United States .....	2002.. 62 825
	Minnesota .....	1997.. 114 774
	Minnesota .....	2002.. 3 531
	Minnesota .....	1997.. 2 548
323117C	Pamphlets, printing only or printing and binding (excluding advertising pamphlets)	
	United States .....	2002.. 103 659
	California .....	1997.. 471 886
	California .....	2002.. 13 151
	Illinois .....	1997.. 36 638
	Illinois .....	2002.. 7 680
	New York .....	1997.. 67 226
	New York .....	2002.. 6 169
	Ohio .....	1997.. 34 813
	Ohio .....	2002.. 4 254
Wisconsin .....	1997.. 17 719	
	Wisconsin .....	2002.. 2 225
	Wisconsin .....	1997.. 6 760
3231181	Blankbook making, except checkbooks	
	United States .....	2002.. 380 592
	Illinois .....	1997.. 475 826
	Illinois .....	2002.. 12 195
	Massachusetts .....	1997.. 20 676
	Massachusetts .....	2002.. 7 718
	Missouri .....	1997.. N
	Missouri .....	2002.. 16 858
New York .....	1997.. N	
New York .....	2002.. 60 997	
New York .....	1997.. 48 524	
3231183	Looseleaf binders, devices, and forms	
	United States .....	2002.. 937 615
	Illinois .....	1997.. 1 638 364
	Illinois .....	2002.. 83 447
	Massachusetts .....	1997.. 239 420
	Massachusetts .....	2002.. 118 271
	Missouri .....	1997.. 96 395
	Missouri .....	2002.. 97 523
New York .....	1997.. 93 070	
New York .....	2002.. 90 974	
New York .....	1997.. 193 631	
3231193	Label and wrapper printing (letterpress)	
	United States .....	2002.. 343 919
	California .....	1997.. 716 576
	California .....	2002.. 39 225
	Georgia .....	1997.. 58 232
	Georgia .....	2002.. 5 556
	Illinois .....	1997.. 2 474
	Illinois .....	2002.. 13 457
	Indiana .....	1997.. 75 878
	Indiana .....	2002.. 6 625
	Minnesota .....	1997.. 2 027
	Minnesota .....	2002.. 60 891
	New Jersey .....	1997.. 39 871
	New Jersey .....	2002.. 42 076
	New York .....	1997.. 80 099
	New York .....	2002.. 15 901
	North Carolina .....	1997.. 36 765
	North Carolina .....	2002.. 30 877
Ohio .....	1997.. 27 854	
Ohio .....	2002.. 22 530	
Pennsylvania .....	1997.. 119 237	
Pennsylvania .....	2002.. 17 735	
Texas .....	1997.. 34 528	
Texas .....	2002.. 11 155	
Wisconsin .....	1997.. 35 035	
Wisconsin .....	2002.. 22 549	
Wisconsin .....	1997.. 76 980	
3231199	Advertising printing (letterpress)	
	United States .....	2002.. 320 334
	Alabama .....	1997.. 244 225
	Alabama .....	2002.. 6 795
	California .....	1997.. 8 357
	California .....	2002.. 25 760
	Connecticut .....	1997.. 27 134
	Connecticut .....	2002.. 2 105
	Florida .....	1997.. N
	Florida .....	2002.. 9 652
	Illinois .....	1997.. 16 591
	Illinois .....	2002.. 68 875
	Louisiana .....	1997.. 10 945
	Louisiana .....	2002.. 2 686
	Massachusetts .....	1997.. 3 441
	Massachusetts .....	2002.. 5 874
	Michigan .....	1997.. N
	Michigan .....	2002.. 8 205
Minnesota .....	1997.. 4 176	
Minnesota .....	2002.. 46 592	
Missouri .....	1997.. 2 999	
Missouri .....	2002.. 8 449	
New Jersey .....	1997.. N	
New Jersey .....	2002.. 15 009	
New York .....	1997.. 20 443	
New York .....	2002.. 23 422	
New York .....	1997.. 6 874	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3231199	Advertising printing (letterpress)—Con.	
	North Carolina .....	2002 .. 3 263
	.....	1997 .. 2 393
	Ohio .....	2002 .. 9 125
	.....	1997 .. 10 533
	Pennsylvania .....	2002 .. 34 239
	.....	1997 .. 14 294
323119C	Texas .....	2002 .. 8 445
	.....	1997 .. 6 668
	Wisconsin .....	2002 .. 4 303
	.....	1997 .. 2 944
	Other commercial and general job printing (letterpress)	
	United States .....	2002 .. 550 418
	.....	1997 .. N
323119E	Arizona .....	2002 .. 5 771
	.....	1997 .. N
	Arkansas .....	2002 .. 4 396
	.....	1997 .. N
	California .....	2002 .. 64 690
	.....	1997 .. N
	Connecticut .....	2002 .. 14 009
	.....	1997 .. N
	Florida .....	2002 .. 17 483
	.....	1997 .. N
	Georgia .....	2002 .. 8 723
	.....	1997 .. N
	Illinois .....	2002 .. 33 640
	.....	1997 .. N
	Indiana .....	2002 .. 5 429
	.....	1997 .. N
	Iowa .....	2002 .. 2 271
	.....	1997 .. N
	Kansas .....	2002 .. 5 645
	.....	1997 .. N
	Kentucky .....	2002 .. 6 013
	.....	1997 .. N
	Maryland .....	2002 .. 3 905
	.....	1997 .. N
	Massachusetts .....	2002 .. 7 906
	.....	1997 .. N
	Michigan .....	2002 .. 12 507
	.....	1997 .. N
	Minnesota .....	2002 .. 46 501
	.....	1997 .. N
	Missouri .....	2002 .. 12 736
	.....	1997 .. N
New Jersey .....	2002 .. 20 190	
.....	1997 .. N	
New York .....	2002 .. 38 268	
.....	1997 .. N	
North Carolina .....	2002 .. 18 695	
.....	1997 .. N	
Ohio .....	2002 .. 36 692	
.....	1997 .. N	
Pennsylvania .....	2002 .. 22 886	
.....	1997 .. N	
Rhode Island .....	2002 .. 2 239	
.....	1997 .. N	
Tennessee .....	2002 .. 18 557	
.....	1997 .. N	
Texas .....	2002 .. 45 381	
.....	1997 .. N	
Virginia .....	2002 .. 17 219	
.....	1997 .. N	
Washington .....	2002 .. 8 362	
.....	1997 .. N	
Wisconsin .....	2002 .. 23 473	
.....	1997 .. N	
323119J	Engraving (printing)	
	United States .....	2002 .. 141 208
	.....	1997 .. 247 625
	California .....	2002 .. 10 528
	.....	1997 .. 23 004
	Illinois .....	2002 .. 8 040
	.....	1997 .. 49 196
	Indiana .....	2002 .. 3 111
	.....	1997 .. 4 416
	Maryland .....	2002 .. 2 168
	.....	1997 .. 2 161
	Massachusetts .....	2002 .. 35 394
	.....	1997 .. 34 549
	Michigan .....	2002 .. 4 067
	.....	1997 .. 4 645
	New Jersey .....	2002 .. 23 847
	.....	1997 .. 12 810
New York .....	2002 .. 3 756	
.....	1997 .. 12 965	
North Carolina .....	2002 .. 10 032	
.....	1997 .. 6 185	
Ohio .....	2002 .. 7 499	
.....	1997 .. 4 560	
Pennsylvania .....	2002 .. 14 508	
.....	1997 .. N	
Texas .....	2002 .. 4 094	
.....	1997 .. 4 135	
323119J	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing)	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
323119J	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing)—Con.		
	United States.....	2002.. 105 621 1997.. N	
	California.....	2002.. 11 224 1997.. N	
	Florida.....	2002.. 8 931 1997.. N	
	Illinois.....	2002.. 4 122 1997.. N	
	Massachusetts.....	2002.. 5 731 1997.. N	
	Michigan.....	2002.. 3 078 1997.. N	
	Missouri.....	2002.. 2 187 1997.. N	
	New York.....	2002.. 5 054 1997.. N	
	Ohio.....	2002.. 5 959 1997.. N	
	Pennsylvania.....	2002.. 2 059 1997.. N	
	Tennessee.....	2002.. 2 910 1997.. N	
	Texas.....	2002.. 15 774 1997.. N	
	Virginia.....	2002.. 4 673 1997.. N	
	3231211	Edition, library, and other hardcover binding of books (printed elsewhere)	
		United States.....	2002.. 343 172 1997.. 294 603
		California.....	2002.. 5 031 1997.. 7 009
		Illinois.....	2002.. 143 881 1997.. 111 965
		Louisiana.....	2002.. 2 615 1997.. N
		Maryland.....	2002.. 3 075 1997.. N
Massachusetts.....		2002.. 21 382 1997.. 15 222	
Minnesota.....		2002.. 3 636 1997.. 9 056	
New Jersey.....		2002.. 5 541 1997.. 21 018	
New York.....		2002.. 7 736 1997.. 10 745	
Pennsylvania.....		2002.. 11 780 1997.. 8 119	
Virginia.....		2002.. 3 213 1997.. N	
Wisconsin.....		2002.. 19 310 1997.. N	
3231215		Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere	
		United States.....	2002.. 670 910 1997.. N
	California.....	2002.. 62 336 1997.. N	
	Connecticut.....	2002.. 3 448 1997.. N	
	Georgia.....	2002.. 53 852 1997.. N	
	Illinois.....	2002.. 65 539 1997.. N	
	Indiana.....	2002.. 71 524 1997.. N	
	Maryland.....	2002.. 37 404 1997.. N	
	Massachusetts.....	2002.. 9 892 1997.. N	
	Minnesota.....	2002.. 12 969 1997.. N	
	New Jersey.....	2002.. 49 903 1997.. N	
	New York.....	2002.. 43 791 1997.. N	
	Ohio.....	2002.. 19 711 1997.. N	
	Pennsylvania.....	2002.. 36 982 1997.. N	
	Tennessee.....	2002.. 47 987 1997.. N	
	Texas.....	2002.. 32 806 1997.. N	
	Virginia.....	2002.. 2 958 1997.. N	
	Wisconsin.....	2002.. 19 686 1997.. N	
	3231217	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.	
		United States.....	2002.. 983 157 1997.. N
Alabama.....		2002.. 7 453 1997.. N	
Arizona.....		2002.. 7 484 1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3231217	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc.—Con.	
	California ..... 2002..	191 763
	..... 1997..	N
	Colorado ..... 2002..	15 311
	..... 1997..	N
	Connecticut ..... 2002..	4 006
	..... 1997..	N
	Florida ..... 2002..	17 446
	..... 1997..	N
	Illinois ..... 2002..	114 210
	..... 1997..	N
	Iowa ..... 2002..	7 150
	..... 1997..	N
	Kentucky ..... 2002..	5 840
	..... 1997..	N
	Louisiana ..... 2002..	2 289
	..... 1997..	N
	Maryland ..... 2002..	84 805
	..... 1997..	N
	Massachusetts ..... 2002..	20 551
	..... 1997..	N
	Michigan ..... 2002..	15 805
	..... 1997..	N
	Minnesota ..... 2002..	63 849
	..... 1997..	N
	Missouri ..... 2002..	23 347
	..... 1997..	N
	New Hampshire ..... 2002..	11 920
	..... 1997..	N
	New Jersey ..... 2002..	39 731
	..... 1997..	N
	New York ..... 2002..	21 734
	..... 1997..	N
	North Carolina ..... 2002..	20 351
	..... 1997..	N
	Oklahoma ..... 2002..	3 175
	..... 1997..	N
	Oregon ..... 2002..	12 165
	..... 1997..	N
	Pennsylvania ..... 2002..	50 121
	..... 1997..	N
	Texas ..... 2002..	52 967
	..... 1997..	N
	Utah ..... 2002..	5 017
	..... 1997..	N
	Virginia ..... 2002..	25 274
	..... 1997..	N
	Washington ..... 2002..	19 360
	..... 1997..	N
	Wisconsin ..... 2002..	44 338
	..... 1997..	N
3231221	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)	
	United States ..... 2002..	2 539 595
	..... 1997..	3 533 395
	Alabama ..... 2002..	14 883
	..... 1997..	8 796
	Arizona ..... 2002..	56 751
	..... 1997..	52 846
	Arkansas ..... 2002..	4 869
	..... 1997..	14 318
	California ..... 2002..	318 872
	..... 1997..	408 020
	Colorado ..... 2002..	12 713
	..... 1997..	20 855
	Connecticut ..... 2002..	43 550
	..... 1997..	71 829
	Delaware ..... 2002..	2 945
	..... 1997..	2 178
	Florida ..... 2002..	49 967
	..... 1997..	101 907
	Georgia ..... 2002..	45 534
	..... 1997..	97 724
	Illinois ..... 2002..	284 689
	..... 1997..	433 599
	Indiana ..... 2002..	20 726
	..... 1997..	31 477
	Iowa ..... 2002..	7 932
	..... 1997..	21 149
	Kansas ..... 2002..	10 379
	..... 1997..	26 326
	Kentucky ..... 2002..	54 214
	..... 1997..	45 045
	Maine ..... 2002..	5 908
	..... 1997..	4 487
	Maryland ..... 2002..	67 207
	..... 1997..	77 128
	Massachusetts ..... 2002..	63 542
	..... 1997..	67 176
	Michigan ..... 2002..	99 594
	..... 1997..	123 368
	Minnesota ..... 2002..	87 114
	..... 1997..	202 874
	Missouri ..... 2002..	82 645
	..... 1997..	110 231
	Nebraska ..... 2002..	22 289
	..... 1997..	21 190
	Nevada ..... 2002..	2 215
	..... 1997..	4 333
	New Hampshire ..... 2002..	9 662

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3231221	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.)—Con.	
	New Hampshire—Con.	
		1997.. 27 187
	New Jersey .....	2002.. 83 080
		1997.. 202 473
	New York .....	2002.. 265 759
		1997.. 303 221
	North Carolina .....	2002.. 35 907
		1997.. 57 618
	North Dakota .....	2002.. 2 572
		1997.. N
	Ohio .....	2002.. 113 744
		1997.. 126 152
	Oklahoma .....	2002.. 5 876
		1997.. 10 479
	Oregon .....	2002.. 20 974
		1997.. 45 847
	Pennsylvania .....	2002.. 255 410
		1997.. 298 235
	South Carolina .....	2002.. 2 033
		1997.. 5 912
Tennessee .....	2002.. 66 697	
	1997.. 72 600	
Texas .....	2002.. 66 052	
	1997.. 157 232	
Utah .....	2002.. 2 522	
	1997.. 13 257	
Virginia .....	2002.. 33 543	
	1997.. 29 541	
Washington .....	2002.. 47 860	
	1997.. 42 397	
Wisconsin .....	2002.. 133 070	
	1997.. 131 719	
3231223	Printing plates, prepared for printing (excluding blank plates)	
	United States .....	2002.. 841 366
		1997.. 721 759
	Arizona .....	2002.. 2 127
		1997.. 8 122
	California .....	2002.. 70 618
		1997.. 105 916
	Colorado .....	2002.. 7 952
		1997.. N
	Connecticut .....	2002.. 7 764
		1997.. 25 169
	Florida .....	2002.. 19 314
		1997.. 14 649
	Georgia .....	2002.. 38 639
		1997.. 13 435
	Illinois .....	2002.. 43 037
		1997.. 38 489
	Indiana .....	2002.. 28 494
		1997.. 23 266
	Kansas .....	2002.. 4 160
		1997.. N
	Kentucky .....	2002.. 32 153
		1997.. N
	Maryland .....	2002.. 14 180
		1997.. 8 882
	Massachusetts .....	2002.. 18 483
		1997.. 30 566
	Michigan .....	2002.. 44 623
		1997.. 21 152
	Minnesota .....	2002.. 31 360
		1997.. 23 623
	Missouri .....	2002.. 34 744
		1997.. 27 647
	New Hampshire .....	2002.. 3 661
		1997.. N
	New Jersey .....	2002.. 32 175
		1997.. 35 703
New York .....	2002.. 52 939	
	1997.. 45 577	
North Carolina .....	2002.. 30 652	
	1997.. 34 224	
Ohio .....	2002.. 37 122	
	1997.. 46 587	
Oklahoma .....	2002.. 3 453	
	1997.. N	
Oregon .....	2002.. 6 537	
	1997.. 9 395	
Pennsylvania .....	2002.. 30 692	
	1997.. 22 588	
South Carolina .....	2002.. 9 471	
	1997.. 18 395	
Tennessee .....	2002.. 22 340	
	1997.. 13 476	
Texas .....	2002.. 21 481	
	1997.. 12 142	
Virginia .....	2002.. 46 717	
	1997.. 9 588	
Washington .....	2002.. 6 161	
	1997.. N	
Wisconsin .....	2002.. 97 403	
	1997.. 54 492	
3241101	Gasoline, including finished base stocks and blending agents	
	United States .....	2002.. 96 063 543
		1997.. 77 557 632
	Alaska .....	2002.. 496 847

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3241101	Gasoline, including finished base stocks and blending agents—Con.	
	Alaska—Con.	
		1997.. N
	California .....	2002.. 12 570 292
		1997.. 11 276 628
	Illinois .....	2002.. 6 474 052
		1997.. 5 087 219
	Kansas .....	2002.. 1 881 953
		1997.. 1 415 994
	Louisiana .....	2002.. 14 678 001
		1997.. 11 419 313
	Montana .....	2002.. 1 020 852
		1997.. 868 774
	New Jersey .....	2002.. 3 319 350
		1997.. 3 211 603
	Ohio .....	2002.. 3 874 923
		1997.. 2 661 086
Oklahoma .....	2002.. 2 636 535	
	1997.. 2 054 699	
Texas .....	2002.. 25 317 052	
	1997.. 21 930 259	
Utah .....	2002.. 1 023 982	
	1997.. 848 063	
Washington .....	2002.. 2 999 575	
	1997.. 2 404 010	
Wyoming .....	2002.. 819 557	
	1997.. 601 374	
3241104	Jet fuel	
	United States .....	2002.. 16 730 551
		1997.. 14 017 775
	Alaska .....	2002.. 821 528
		1997.. 471 810
	California .....	2002.. 2 517 969
		1997.. 2 404 119
	Illinois .....	2002.. 520 550
		1997.. N
	Louisiana .....	2002.. 2 983 163
		1997.. 3 282 276
	Montana .....	2002.. 40 552
		1997.. 73 329
	New Jersey .....	2002.. 618 152
		1997.. 296 148
	Ohio .....	2002.. 458 972
		1997.. N
Oklahoma .....	2002.. 319 701	
	1997.. 296 703	
Texas .....	2002.. 4 744 458	
	1997.. 3 272 618	
Washington .....	2002.. 974 380	
	1997.. 719 259	
3241107	Kerosene, excluding jet fuel	
	United States .....	2002.. 749 518
		1997.. 960 019
	Louisiana .....	2002.. 167 460
		1997.. N
	Ohio .....	2002.. 16 029
	1997.. 34 903	
	2002.. 128 400	
	1997.. 91 586	
324110A	Light fuel oils	
	United States .....	2002.. 38 714 479
		1997.. 28 941 405
	Alabama .....	2002.. 201 994
		1997.. 225 907
	California .....	2002.. 3 204 384
		1997.. 2 615 561
	Illinois .....	2002.. 2 038 319
		1997.. 1 742 451
	Kansas .....	2002.. 1 051 872
		1997.. 839 167
	Louisiana .....	2002.. 6 609 074
		1997.. 3 684 343
	Montana .....	2002.. 544 998
		1997.. 433 991
	New Jersey .....	2002.. 1 721 273
		1997.. 1 540 969
Ohio .....	2002.. 1 536 742	
	1997.. 904 786	
Oklahoma .....	2002.. 1 261 408	
	1997.. 1 006 679	
Pennsylvania .....	2002.. 2 161 191	
	1997.. 1 611 639	
Texas .....	2002.. 9 583 970	
	1997.. 7 297 271	
Utah .....	2002.. 469 516	
	1997.. 419 221	
Washington .....	2002.. 1 487 576	
	1997.. 1 114 840	
Wyoming .....	2002.. 519 451	
	1997.. 386 782	
324110D	Heavy fuel oils, including grades No. 5, 6, heavy diesel-type, heavy gas-enrichment oils, etc.	
	United States .....	2002.. 6 132 764
		1997.. 4 295 288
	California .....	2002.. 490 041
	1997.. 668 441	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
324110D	Heavy fuel oils, including grades No. 5, 6, heavy diesel-type, heavy gas-enrichment oils, etc.—Con.	
	Illinois .....	2002 .. 129 887
	.....	1997 .. N
	Louisiana .....	2002 .. 1 589 116
	.....	1997 .. 744 926
	Mississippi .....	2002 .. 200 930
	.....	1997 .. N
	Montana .....	2002 .. 6 706
	.....	1997 .. N
	Texas .....	2002 .. 1 570 375
.....	1997 .. 967 233	
Utah .....	2002 .. 10 303	
.....	1997 .. 37 064	
Washington .....	2002 .. 245 573	
.....	1997 .. 353 339	
324110G	Petroleum lubricating oils and greases, made in a refinery	
	United States .....	2002 .. 1 332 180
.....	1997 .. 704 035	
324110J	Unfinished oils and lubricating oil base stock	
	United States .....	2002 .. 8 291 328
	.....	1997 .. 8 219 990
	California .....	2002 .. 1 504 616
	.....	1997 .. 2 094 865
	Illinois .....	2002 .. 158 354
	.....	1997 .. 125 064
	Louisiana .....	2002 .. 2 002 029
	.....	1997 .. 1 200 725
	Mississippi .....	2002 .. 113 994
.....	1997 .. 148 872	
Texas .....	2002 .. 2 324 397	
.....	1997 .. 3 003 464	
Washington .....	2002 .. 342 542	
.....	1997 .. 133 456	
324110M	Asphalt	
	United States .....	2002 .. 4 304 082
	.....	1997 .. 3 320 500
	California .....	2002 .. 562 915
	.....	1997 .. 231 673
	Montana .....	2002 .. 144 536
	.....	1997 .. N
	New Jersey .....	2002 .. 534 501
	.....	1997 .. 452 001
	Oklahoma .....	2002 .. 171 718
.....	1997 .. 104 020	
Texas .....	2002 .. 376 011	
.....	1997 .. 385 073	
Wyoming .....	2002 .. 114 502	
.....	1997 .. N	
324110P	Liquefied refinery gases (aliphatics), made in a refinery	
	United States .....	2002 .. 6 548 475
	.....	1997 .. 8 157 277
	California .....	2002 .. 387 637
	.....	1997 .. 318 248
	Illinois .....	2002 .. 171 877
	.....	1997 .. 197 900
	Kansas .....	2002 .. 48 189
	.....	1997 .. N
	Louisiana .....	2002 .. 1 431 151
	.....	1997 .. 1 447 755
	Montana .....	2002 .. 24 826
	.....	1997 .. 25 653
	New Jersey .....	2002 .. 252 720
.....	1997 .. 208 578	
Ohio .....	2002 .. 203 739	
.....	1997 .. 145 214	
Texas .....	2002 .. 2 845 604	
.....	1997 .. 4 292 934	
Utah .....	2002 .. 13 738	
.....	1997 .. 21 801	
Washington .....	2002 .. 214 798	
.....	1997 .. 148 704	
324110T	Other finished petroleum products, including waxes, made in a refinery	
	United States .....	2002 .. 7 695 467
	.....	1997 .. 5 091 239
	Alaska .....	2002 .. 24 783
	.....	1997 .. N
	California .....	2002 .. 314 618
	.....	1997 .. 268 228
	Delaware .....	2002 .. 16 684
	.....	1997 .. N
	Georgia .....	2002 .. 61 114
	.....	1997 .. N
	Illinois .....	2002 .. 336 523
	.....	1997 .. 99 517
	Indiana .....	2002 .. 11 740
	.....	1997 .. N
	Kansas .....	2002 .. 11 448
.....	1997 .. 23 422	
Kentucky .....	2002 .. 261 707	
.....	1997 .. N	
Louisiana .....	2002 .. 1 199 499	
.....	1997 .. 701 019	
Mississippi .....	2002 .. 90 216	
.....	1997 .. N	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
324110T	Other finished petroleum products, including waxes, made in a refinery—Con.	
	Montana .....	2002.. 4 188
		1997.. N
	New Jersey .....	2002.. 102 919
		1997.. N
	North Carolina .....	2002.. 5 282
		1997.. N
	Ohio .....	2002.. 125 181
		1997.. N
	Oklahoma .....	2002.. 40 679
		1997.. N
	Pennsylvania .....	2002.. 528 360
		1997.. 395 345
	Texas .....	2002.. 4 288 196
		1997.. 2 465 633
	Utah .....	2002.. 56 766
		1997.. N
	West Virginia .....	2002.. 12 927
		1997.. N
3241210	Asphalt paving mixtures and blocks	
	United States .....	2002.. 7 267 328
		1997.. 5 561 898
	Alabama .....	2002.. 205 896
		1997.. N
	Alaska .....	2002.. 26 962
		1997.. N
	Arizona .....	2002.. 147 865
		1997.. N
	Arkansas .....	2002.. 57 986
		1997.. N
	California .....	2002.. 993 978
		1997.. N
	Colorado .....	2002.. 147 702
		1997.. N
	Connecticut .....	2002.. 130 392
		1997.. N
	Delaware .....	2002.. 33 540
		1997.. N
	Florida .....	2002.. 208 248
		1997.. N
	Georgia .....	2002.. 150 858
		1997.. N
	Hawaii .....	2002.. 8 319
		1997.. N
	Idaho .....	2002.. 17 729
		1997.. N
	Illinois .....	2002.. 281 711
		1997.. N
	Indiana .....	2002.. 189 070
		1997.. N
	Iowa .....	2002.. 63 734
		1997.. N
	Kansas .....	2002.. 48 140
		1997.. N
	Kentucky .....	2002.. 104 845
		1997.. N
	Louisiana .....	2002.. 106 531
		1997.. N
	Maine .....	2002.. 40 469
		1997.. N
	Maryland .....	2002.. 145 769
		1997.. N
	Massachusetts .....	2002.. 191 956
		1997.. N
	Michigan .....	2002.. 331 100
		1997.. N
	Minnesota .....	2002.. 173 664
		1997.. N
	Mississippi .....	2002.. 42 940
		1997.. N
	Missouri .....	2002.. 182 151
		1997.. N
	Montana .....	2002.. 11 498
		1997.. N
	New Hampshire .....	2002.. 35 148
		1997.. N
	New Jersey .....	2002.. 235 545
		1997.. N
	New Mexico .....	2002.. 69 684
		1997.. N
	New York .....	2002.. 530 315
		1997.. N
	North Carolina .....	2002.. 112 479
		1997.. N
	Ohio .....	2002.. 504 453
		1997.. N
	Oklahoma .....	2002.. 109 512
		1997.. N
	Oregon .....	2002.. 28 126
		1997.. N
	Pennsylvania .....	2002.. 459 460
		1997.. N
	South Carolina .....	2002.. 64 134
		1997.. N
	Tennessee .....	2002.. 202 527
		1997.. N
	Texas .....	2002.. 519 788
		1997.. N
	Utah .....	2002.. 55 897
		1997.. N
	Virginia .....	2002.. 69 500

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3241210	Asphalt paving mixtures and blocks—Con.	
	Virginia—Con.	
	Washington .....	1997.. N 2002.. 58 756
	West Virginia .....	1997.. N 2002.. 30 359
	Wisconsin .....	1997.. N 2002.. 37 468
	Wyoming .....	1997.. N 2002.. 15 562
		1997.. N
3241221	Roofing asphalts and pitches, coatings, and cements	
	United States .....	2002.. 920 825 1997.. 857 622
	California .....	2002.. 185 244 1997.. 112 432
	Illinois .....	2002.. 39 584 1997.. 47 916
	New Jersey .....	2002.. 60 717 1997.. 25 099
	Ohio .....	2002.. 94 053 1997.. 122 235
	Pennsylvania .....	2002.. 33 546 1997.. 89 709
	Texas .....	2002.. 159 170 1997.. 74 889
3241222	Prepared asphalt and tar roofing and siding products, including saturated felts and boards for nonbuilding use	
	United States .....	2002.. 4 607 855 1997.. 3 588 157
	California .....	2002.. 516 394 1997.. 373 454
	Illinois .....	2002.. 203 208 1997.. 178 077
	New Jersey .....	2002.. 107 552 1997.. N
	Ohio .....	2002.. 409 161 1997.. 320 359
	Pennsylvania .....	2002.. 273 318 1997.. 136 317
	Texas .....	2002.. 469 718 1997.. 398 989
3241910	Petroleum lubricating oils and greases, made from refined petroleum	
	United States .....	2002.. 6 425 890 1997.. 5 991 493
	Arizona .....	2002.. 5 110 1997.. N
	California .....	2002.. 343 395 1997.. N
	Colorado .....	2002.. 18 508 1997.. N
	Connecticut .....	2002.. 14 029 1997.. N
	Delaware .....	2002.. 33 902 1997.. N
	Florida .....	2002.. 61 245 1997.. N
	Georgia .....	2002.. 72 975 1997.. N
	Illinois .....	2002.. 587 597 1997.. N
	Indiana .....	2002.. 179 321 1997.. N
	Kansas .....	2002.. 72 337 1997.. N
	Kentucky .....	2002.. 5 058 1997.. N
	Louisiana .....	2002.. 644 138 1997.. N
	Maryland .....	2002.. 52 528 1997.. N
	Massachusetts .....	2002.. 63 774 1997.. N
	Michigan .....	2002.. 160 978 1997.. N
	Minnesota .....	2002.. 13 042 1997.. N
	Missouri .....	2002.. 130 098 1997.. N
	Nevada .....	2002.. 7 273 1997.. N
	New Jersey .....	2002.. 567 946 1997.. N
	New York .....	2002.. 65 943 1997.. N
	North Carolina .....	2002.. 63 092 1997.. N
	Ohio .....	2002.. 587 135 1997.. N
	Oklahoma .....	2002.. 115 138 1997.. N
	Oregon .....	2002.. 34 255 1997.. N
	Pennsylvania .....	2002.. 480 290 1997.. N
	Tennessee .....	2002.. 55 350 1997.. N
	Texas .....	2002.. 1 215 900 1997.. N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3241910	Petroleum lubricating oils and greases, made from refined petroleum—Con.	
	Virginia .....	2002.. 12 638
	.....	1997.. N
	Washington .....	2002.. 12 907
	.....	1997.. N
3241991	Coke oven and blast furnace products, made in coke oven establishments	
	United States .....	2002.. 541 361
	.....	1997.. 450 235
	California .....	2002.. 44 230
	.....	1997.. N
3241992	All other petroleum and coal products (excluding coke oven products), made in coke oven establishments	
	United States .....	2002.. 1 311 341
	.....	1997.. 1 083 135
	California .....	2002.. 154 421
	.....	1997.. N
3251101	Aromatics (benzene, toluene, xylene, etc.), made in petrochemical plants	
	United States .....	2002.. 7 803 306
	.....	1997.. 4 526 855
	Texas .....	2002.. 5 917 896
	.....	1997.. 1 959 597
3251104	Liquefied refinery gases (aliphatics), made in petrochemical plants	
	United States .....	2002.. 8 163 068
	.....	1997.. 12 616 055
	Texas .....	2002.. 5 043 718
	.....	1997.. 8 832 514
3251201	Acetylene	
	United States .....	2002.. 79 811
.....	1997.. 139 751	
3251204	Carbon dioxide	
	United States .....	2002.. 481 665
	.....	1997.. 363 123
	California .....	2002.. 54 790
	.....	1997.. 19 215
	Georgia .....	2002.. 13 927
	.....	1997.. 12 884
	Illinois .....	2002.. 28 313
	.....	1997.. 12 708
	Louisiana .....	2002.. 58 349
	.....	1997.. 34 066
	Mississippi .....	2002.. 22 906
	.....	1997.. 40 763
	Tennessee .....	2002.. 20 897
	.....	1997.. 4 270
Texas .....	2002.. 49 726	
.....	1997.. 60 170	
Wyoming .....	2002.. 12 132	
.....	1997.. 13 961	
3251207	Nitrogen	
	United States .....	2002.. 1 181 877
	.....	1997.. 1 198 873
	Alabama .....	2002.. 25 891
	.....	1997.. 30 780
	Arkansas .....	2002.. 7 379
	.....	1997.. 8 430
	California .....	2002.. 115 944
	.....	1997.. 150 722
	Indiana .....	2002.. 87 864
	.....	1997.. 85 657
	Louisiana .....	2002.. 41 048
	.....	1997.. 60 024
	Mississippi .....	2002.. 6 580
	.....	1997.. N
	New York .....	2002.. 49 159
	.....	1997.. 58 795
	North Carolina .....	2002.. 18 556
	.....	1997.. 17 317
	Ohio .....	2002.. 92 322
	.....	1997.. 63 487
	Pennsylvania .....	2002.. 60 390
	.....	1997.. 81 335
	South Carolina .....	2002.. 37 944
	.....	1997.. 29 720
	Tennessee .....	2002.. 35 459
	.....	1997.. 19 586
	Texas .....	2002.. 189 596
	.....	1997.. 216 727
	Virginia .....	2002.. 15 323
.....	1997.. 12 319	
Washington .....	2002.. 20 991	
.....	1997.. 26 879	
West Virginia .....	2002.. 28 453	
.....	1997.. 23 949	
Wisconsin .....	2002.. 35 779	
.....	1997.. 16 825	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
325120A	Oxygen		
	United States .....	2002.. 800 677 1997.. 993 637	
	Alabama .....	2002.. 19 645 1997.. 29 826	
	California .....	2002.. 48 896 1997.. 46 329	
	Florida .....	2002.. 7 383 1997.. 12 624	
	Illinois .....	2002.. 21 625 1997.. 32 148	
	Louisiana .....	2002.. 48 758 1997.. 90 066	
	North Carolina .....	2002.. 8 536 1997.. 8 086	
	Ohio .....	2002.. 97 448 1997.. 81 801	
	Pennsylvania .....	2002.. 27 027 1997.. 36 014	
	South Carolina .....	2002.. 22 455 1997.. 18 806	
	Tennessee .....	2002.. 34 007 1997.. 28 569	
	Texas .....	2002.. 113 194 1997.. 221 781	
	Washington .....	2002.. 13 753 1997.. 15 353	
	West Virginia .....	2002.. 21 973 1997.. N	
	Wisconsin .....	2002.. 19 233 1997.. 8 541	
	325120C	Argon and hydrogen	
		United States .....	2002.. 1 633 768 1997.. N
		California .....	2002.. 65 337 1997.. N
		Florida .....	2002.. 2 007 1997.. N
Illinois .....		2002.. 30 951 1997.. N	
Indiana .....		2002.. 78 375 1997.. N	
Louisiana .....		2002.. 369 242 1997.. N	
New York .....		2002.. 28 062 1997.. N	
Ohio .....		2002.. 43 368 1997.. N	
South Carolina .....		2002.. 7 641 1997.. N	
Texas .....		2002.. 423 265 1997.. N	
Virginia .....		2002.. 2 993 1997.. N	
Washington .....		2002.. 8 749 1997.. N	
325120G		Fluorocarbon gases	
		United States .....	2002.. 694 756 1997.. N
		Louisiana .....	2002.. 383 002 1997.. N
	Texas .....	2002.. 77 675 1997.. N	
325120U	Other industrial gases		
	United States .....	2002.. 640 618 1997.. N	
	North Carolina .....	2002.. 18 474 1997.. N	
	Ohio .....	2002.. 21 439 1997.. N	
	Pennsylvania .....	2002.. 17 493 1997.. N	
3251311	Titanium dioxide, composite and pure		
	United States .....	2002.. 2 551 674 1997.. 2 499 187	
3251314	Other white opaque pigments		
	United States .....	2002.. 185 383 1997.. 363 246	
3251317	Chrome colors and other inorganic pigments		
	United States .....	2002.. 925 121 1997.. 932 639	
	Indiana .....	2002.. 50 362 1997.. N	
	3251321	Synthetic organic dyes	
United States .....		2002.. 992 698 1997.. 1 060 777	
New Jersey .....		2002.. 20 833 1997.. 119 761	
Ohio .....		2002.. 17 230 1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3251321	Synthetic organic dyes—Con.	
	South Carolina .....	2002.. 239 925
		1997.. 264 256
3251324	Synthetic organic pigments, lakes, and toners	
	United States .....	2002.. 1 447 870
		1997.. 1 623 765
	Kentucky .....	2002.. 149 652
		1997.. 138 790
	New Jersey .....	2002.. 128 127
		1997.. 235 073
	Ohio .....	2002.. 274 926
		1997.. 345 978
	South Carolina .....	2002.. 100 827
		1997.. 115 759
3251811	Chlorine, compressed or liquefied	
	United States .....	2002.. 979 384
		1997.. 1 223 456
3251814	Sodium hydroxide (caustic soda)	
	United States .....	2002.. 1 398 397
		1997.. 1 446 405
	Louisiana .....	2002.. 508 055
		1997.. 588 170
3251817	Other alkalies	
	United States .....	2002.. 507 751
		1997.. 389 286
3251820	Carbon black, all processes	
	United States .....	2002.. 1 057 344
		1997.. 948 421
	Louisiana .....	2002.. 406 152
		1997.. N
	Texas .....	2002.. 379 885
		1997.. N
3251881	Sulfuric acid	
	United States .....	2002.. 672 824
		1997.. 610 418
	California .....	2002.. 88 367
		1997.. N
	Georgia .....	2002.. 24 693
		1997.. 21 037
	Ohio .....	2002.. 41 807
		1997.. N
	Texas .....	2002.. 191 164
		1997.. 113 606
3251884	Inorganic acids, excluding nitric, sulfuric and phosphoric	
	United States .....	2002.. 699 305
		1997.. 726 727
	Florida .....	2002.. 2 673
		1997.. N
	Texas .....	2002.. 136 014
		1997.. 149 205
3251887	Other inorganic aluminum compounds	
	United States .....	2002.. 1 321 004
		1997.. 780 781
	Illinois .....	2002.. 34 312
		1997.. 26 657
	Indiana .....	2002.. 30 249
		1997.. N
	Louisiana .....	2002.. 147 296
		1997.. 176 733
	Ohio .....	2002.. 29 876
		1997.. 5 672
	Texas .....	2002.. 541 134
		1997.. 210 524
325188A	Potassium and sodium compounds, excluding bleaches, alkalies, and alum	
	United States .....	2002.. 1 749 183
		1997.. 2 134 630
	California .....	2002.. 95 586
		1997.. N
	Florida .....	2002.. 25 057
		1997.. 9 664
	Georgia .....	2002.. 133 105
		1997.. 124 699
	Illinois .....	2002.. 92 103
		1997.. 112 109
	Kansas .....	2002.. 69 767
		1997.. 87 272
	Mississippi .....	2002.. 214 803
		1997.. 166 339
	New Jersey .....	2002.. 84 997
		1997.. 84 609
	New York .....	2002.. 100 411
		1997.. 122 180
	Ohio .....	2002.. 35 307
		1997.. 38 163
	Washington .....	2002.. 71 413
		1997.. 111 861

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
325188D	Chemical catalytic preparations, excluding silica gel catalyst	
	United States .....	2002 .. 2 188 749
	Georgia .....	1997 .. 1 857 513
	Illinois .....	2002 .. 307 788
	Louisiana .....	1997 .. N
	New Jersey .....	2002 .. 67 250
	Tennessee .....	1997 .. 80 362
	Tennessee .....	2002 .. 494 861
325188H	All other inorganic chemicals	
	United States .....	2002 .. 6 557 095
	Alabama .....	1997 .. N
	Arkansas .....	2002 .. 303 056
	California .....	1997 .. N
	Georgia .....	2002 .. 51 924
	Illinois .....	1997 .. N
	Indiana .....	2002 .. 146 612
	Kentucky .....	1997 .. N
	Louisiana .....	2002 .. 119 134
	Michigan .....	1997 .. N
	New Jersey .....	2002 .. 413 111
	New York .....	1997 .. N
	North Carolina .....	2002 .. 88 127
	Ohio .....	1997 .. N
	Oklahoma .....	2002 .. 70 487
	Pennsylvania .....	1997 .. N
	South Carolina .....	2002 .. 273 485
	Tennessee .....	1997 .. N
	Texas .....	2002 .. 298 074
	Utah .....	1997 .. N
	Washington .....	2002 .. 1 084 102
	Washington .....	1997 .. N
	3251910	Gum and wood chemicals, including wood distillation products
United States .....		2002 .. 1 007 886
Alabama .....		1997 .. 967 439
Arkansas .....		2002 .. 19 629
Georgia .....		1997 .. N
Georgia .....		2002 .. 19 671
3251921	Cyclic (coal tar) intermediates	
	United States .....	2002 .. 5 211 781
	Louisiana .....	1997 .. 8 905 865
	Texas .....	2002 .. 362 855
3251924	Tar, tar crudes, and tar pitches	
	United States .....	1997 .. 532 688
3251930	Ethyl alcohol	
	United States .....	2002 .. 2 912 849
	California .....	1997 .. 4 180 507
	Illinois .....	2002 .. 648 847
	Iowa .....	1997 .. 877 303
	Kansas .....	2002 .. N
	Minnesota .....	1997 .. 3 037 125
	Nebraska .....	2002 .. 2 266 624
	South Dakota .....	1997 .. 90 733
	Wisconsin .....	2002 .. 735 965
	Wisconsin .....	1997 .. N

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3251991	Fatty acids		
	United States .....	2002.. 1 706 802	
	1997..	1 169 380	
	Illinois .....	2002.. 143 875	
	1997..	122 068	
	Louisiana .....	2002.. 74 348	
	1997..	N	
3251994	Bulk pesticides and other bulk synthetic organic agricultural chemicals, excluding preparations		
	United States .....	2002.. 1 198 701	
	1997..	1 203 403	
	Illinois .....	2002.. 18 875	
	1997..	N	
	Ohio .....	2002.. 26 255	
	1997..	13 154	
3251997	Industrial organic flavor oil mixtures and blends		
	United States .....	2002.. 422 239	
	1997..	278 832	
325199A	Reagent and high-purity grades of organic chemicals refined from purchased technical grades		
	United States .....	2002.. 552 346	
	1997..	382 027	
325199E	Natural organic chemicals		
	United States .....	2002.. 1 429 633	
	1997..	959 621	
	California .....	2002.. 21 626	
	1997..	N	
	Illinois .....	2002.. 135 321	
	1997..	117 431	
Missouri .....	2002.. 68 342		
325199G	Synthetic organic alcohols, unmixed		
	United States .....	2002.. 1 816 454	
	1997..	N	
	Texas .....	2002.. 1 204 585	
	1997..	N	
	325199H	Synthetic organic chemicals for use as flavor and perfume materials	
		United States .....	2002.. 1 251 124
1997..		1 615 421	
Florida .....		2002.. 150 654	
1997..		N	
Illinois .....		2002.. 17 250	
1997..		N	
New Jersey .....	2002.. 262 127		
325199K	Synthetic organic rubber-processing chemicals		
	United States .....	2002.. 401 508	
	1997..	614 776	
	Alabama .....	2002.. 26 938	
	1997..	15 014	
	Ohio .....	2002.. 85 710	
	1997..	N	
325199N	Synthetic organic plasticizers		
	United States .....	2002.. 589 162	
325199R	Other synthetic organic chemicals		
	United States .....	2002.. 7 077 632	
	1997..	2 079 609	
	Alabama .....	2002.. 673 342	
	1997..	N	
	Florida .....	2002.. 170 151	
	1997..	N	
Georgia .....	2002.. 46 793		
1997..	N		

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
325199R	Other synthetic organic chemicals—Con.	
	Illinois .....	2002.. 138 579
	.....	1997.. N
	Louisiana .....	2002.. 1 514 747
	.....	1997.. N
	Michigan .....	2002.. 77 600
	.....	1997.. N
	New Jersey .....	2002.. 336 031
	.....	1997.. 77 032
	New York .....	2002.. 138 709
	.....	1997.. 74 897
	North Carolina .....	2002.. 18 968
	.....	1997.. N
	Ohio .....	2002.. 254 254
	.....	1997.. 191 576
Pennsylvania .....	2002.. 185 377	
.....	1997.. 156 417	
South Carolina .....	2002.. 216 752	
.....	1997.. 85 311	
Tennessee .....	2002.. 344 173	
.....	1997.. 227 775	
Texas .....	2002.. 1 052 900	
.....	1997.. N	
Wisconsin .....	2002.. 29 197	
.....	1997.. N	
325199T	Miscellaneous end use chemicals and chemical products, excluding urea	
	United States .....	2002.. 15 066 283
	.....	1997.. 12 025 380
	Alabama .....	2002.. 204 628
	.....	1997.. 198 463
	Arkansas .....	2002.. 101 295
	.....	1997.. 24 332
	California .....	2002.. 79 728
	.....	1997.. 118 260
	Colorado .....	2002.. 9 195
	.....	1997.. N
	Florida .....	2002.. 28 891
	.....	1997.. 103 978
	Georgia .....	2002.. 178 176
	.....	1997.. 178 342
	Illinois .....	2002.. 658 785
	.....	1997.. 740 857
	Indiana .....	2002.. 21 175
	.....	1997.. N
	Iowa .....	2002.. 312 863
	.....	1997.. 151 853
	Kansas .....	2002.. 44 038
	.....	1997.. N
	Kentucky .....	2002.. 548 935
	.....	1997.. N
	Louisiana .....	2002.. 3 063 205
	.....	1997.. 1 901 442
	Massachusetts .....	2002.. 94 244
	.....	1997.. 56 070
	Michigan .....	2002.. 121 919
	.....	1997.. 199 836
	Missouri .....	2002.. 46 711
	.....	1997.. 135 101
	New Hampshire .....	2002.. 15 461
	.....	1997.. N
	New Jersey .....	2002.. 712 809
	.....	1997.. 895 868
	New Mexico .....	2002.. 56 421
	.....	1997.. N
	New York .....	2002.. 94 564
	.....	1997.. 151 866
	North Carolina .....	2002.. 493 543
	.....	1997.. 338 426
	Ohio .....	2002.. 48 163
	.....	1997.. 551 900
Oklahoma .....	2002.. 15 296	
.....	1997.. N	
Oregon .....	2002.. 8 420	
.....	1997.. N	
Pennsylvania .....	2002.. 260 008	
.....	1997.. 309 972	
South Carolina .....	2002.. 1 001 125	
.....	1997.. 464 332	
South Dakota .....	2002.. 8 815	
.....	1997.. N	
Tennessee .....	2002.. 74 767	
.....	1997.. N	
Texas .....	2002.. 5 568 371	
.....	1997.. 3 428 844	
Washington .....	2002.. 46 173	
.....	1997.. N	
West Virginia .....	2002.. 424 575	
.....	1997.. 538 734	
Wisconsin .....	2002.. 277 621	
.....	1997.. 90 821	
325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters	
	United States .....	2002.. 14 221 652
	.....	1997.. N
	Alabama .....	2002.. 390 402
	.....	1997.. N
	Arkansas .....	2002.. 378 783
.....	1997.. N	
California .....	2002.. 58 727	
.....	1997.. N	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters—Con.	
	Connecticut ..... 2002..	9 357
	..... 1997..	N
	Florida ..... 2002..	232 128
	..... 1997..	N
	Georgia ..... 2002..	272 032
	..... 1997..	N
	Illinois ..... 2002..	505 383
	..... 1997..	N
	Indiana ..... 2002..	4 443
	..... 1997..	N
	Kentucky ..... 2002..	406 730
	..... 1997..	N
	Louisiana ..... 2002..	2 866 724
	..... 1997..	N
	Michigan ..... 2002..	504 050
	..... 1997..	N
	Minnesota ..... 2002..	14 025
	..... 1997..	N
	Missouri ..... 2002..	19 484
	..... 1997..	N
	New Jersey ..... 2002..	113 385
	..... 1997..	N
	New York ..... 2002..	326 644
	..... 1997..	N
	North Carolina ..... 2002..	35 059
	..... 1997..	N
Ohio ..... 2002..	264 354	
..... 1997..	N	
Oregon ..... 2002..	11 937	
..... 1997..	N	
Pennsylvania ..... 2002..	109 050	
..... 1997..	N	
South Carolina ..... 2002..	23 321	
..... 1997..	N	
Tennessee ..... 2002..	887 154	
..... 1997..	N	
Texas ..... 2002..	6 470 672	
..... 1997..	N	
Virginia ..... 2002..	142 524	
..... 1997..	N	
West Virginia ..... 2002..	139 417	
..... 1997..	N	
3252111	Thermoplastic resins and plastics materials	
	United States ..... 2002..	37 614 483
	..... 1997..	36 589 561
	Alabama ..... 2002..	1 049 971
	..... 1997..	574 846
	California ..... 2002..	528 263
	..... 1997..	544 766
	Florida ..... 2002..	214 455
	..... 1997..	340 670
	Georgia ..... 2002..	531 365
	..... 1997..	517 759
	Illinois ..... 2002..	1 792 557
	..... 1997..	1 885 927
	Indiana ..... 2002..	1 964 563
	..... 1997..	N
	Kentucky ..... 2002..	1 223 274
	..... 1997..	1 264 041
	Louisiana ..... 2002..	3 929 471
	..... 1997..	4 668 917
	Massachusetts ..... 2002..	378 289
	..... 1997..	387 158
	Michigan ..... 2002..	849 316
	..... 1997..	581 825
	Minnesota ..... 2002..	97 668
	..... 1997..	N
	New Hampshire ..... 2002..	33 954
	..... 1997..	N
	New Jersey ..... 2002..	692 880
	..... 1997..	807 209
	New York ..... 2002..	17 808
	..... 1997..	N
	North Carolina ..... 2002..	482 468
	..... 1997..	507 380
Ohio ..... 2002..	1 920 932	
..... 1997..	1 377 094	
Oregon ..... 2002..	23 611	
..... 1997..	28 679	
Pennsylvania ..... 2002..	1 173 290	
..... 1997..	988 094	
South Carolina ..... 2002..	1 636 162	
..... 1997..	1 344 895	
Texas ..... 2002..	13 622 797	
..... 1997..	13 711 185	
Washington ..... 2002..	15 877	
..... 1997..	8 947	
Wisconsin ..... 2002..	143 275	
..... 1997..	56 613	
3252114	Thermosetting resins and plastics materials	
	United States ..... 2002..	7 881 047
	..... 1997..	8 722 920
	Alabama ..... 2002..	218 656
	..... 1997..	226 275
	California ..... 2002..	317 971
..... 1997..	396 235	
Florida ..... 2002..	236 543	
..... 1997..	169 248	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3252114	Thermosetting resins and plastics materials—Con.	
	Georgia .....	2002.. 306 238
		1997.. 194 720
	Illinois .....	2002.. 359 905
		1997.. 669 440
	Indiana .....	2002.. 108 422
		1997.. N
	Kentucky .....	2002.. 262 605
		1997.. 712 832
	Louisiana .....	2002.. 154 822
		1997.. 163 505
	Massachusetts .....	2002.. 88 933
		1997.. 92 838
	Michigan .....	2002.. 544 116
		1997.. 750 772
	Minnesota .....	2002.. 58 133
		1997.. 114 216
	New Hampshire .....	2002.. 3 823
		1997.. N
	New Jersey .....	2002.. 108 198
		1997.. 104 020
	New York .....	2002.. 172 374
		1997.. 278 208
	North Carolina .....	2002.. 390 981
		1997.. 483 195
	Ohio .....	2002.. 548 720
		1997.. 373 222
	Oregon .....	2002.. 179 150
		1997.. 150 831
	Pennsylvania .....	2002.. 228 026
		1997.. 330 052
	South Carolina .....	2002.. 422 191
		1997.. 97 723
	Texas .....	2 197 750
		1997.. 2 129 066
	Washington .....	2002.. 15 348
		1997.. 18 970
	Wisconsin .....	2002.. 157 828
		1997.. 182 134
3252120	Synthetic rubber (vulcanizable elastomers)	
	United States .....	2002.. 5 806 042
		1997.. 6 249 385
	California .....	2002.. 132 507
		1997.. N
	Connecticut .....	2002.. 9 222
		1997.. N
	Georgia .....	2002.. 144 746
		1997.. N
	Illinois .....	2002.. 70 042
		1997.. N
	Indiana .....	2002.. 136 318
		1997.. N
	Kentucky .....	2002.. 520 278
		1997.. N
	Louisiana .....	2002.. 1 278 498
		1997.. N
	Michigan .....	2002.. 220 903
		1997.. N
	North Carolina .....	2002.. 60 251
		1997.. N
	Rhode Island .....	2002.. 5 014
		1997.. N
	Texas .....	2002.. 1 666 334
		1997.. N
	Virginia .....	2002.. 11 995
		1997.. N
	Wisconsin .....	2002.. 35 095
		1997.. N
3252210	Rayon, acetate, and lyocell manufactured fibers	
	United States .....	2002.. 969 543
		1997.. 1 728 274
3252221	Nylon and other polyamide manufactured fibers	
	United States .....	2002.. 2 644 689
		1997.. 3 376 082
	Georgia .....	2002.. 289 483
		1997.. 16 644
	South Carolina .....	2002.. 790 504
		1997.. 1 170 139
3252224	Polyolefin manufactured fibers	
	United States .....	2002.. 420 089
		1997.. 185 982
	Alabama .....	2002.. 59 998
		1997.. N
3252227	Polyester manufactured fibers	
	United States .....	2002.. 1 811 506
		1997.. 3 343 156
	North Carolina .....	2002.. 824 557
		1997.. 1 739 093
	South Carolina .....	2002.. 849 743
		1997.. 1 386 012

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
325222A	Other manufactured noncellulosic fibers (excluding glass, carbon, and graphite)	
	United States .....	2002.. 865 283 1997.. 1 029 313
	Alabama .....	2002.. 228 836 1997.. N
325222D	Producer-textured manufactured noncellulosic fibers	
	United States .....	2002.. 1 492 871 1997.. 2 378 653 1997.. N
3253111	Synthetic ammonia, nitric acid, and ammonium compounds	
	United States .....	2002.. 2 648 458 1997.. 3 511 869
	Louisiana .....	2002.. 515 491 1997.. 885 880
3253114	Urea	
	United States .....	2002.. 759 383 1997.. 784 792
	Louisiana .....	2002.. 295 877 1997.. 330 387
3253117	Fertilizer materials of organic origin, including activated sewage sludge, processed tankage, and other natural fertilizer materials	
	United States .....	2002.. 87 012 1997.. 70 394
3253121	Phosphoric acid	
	United States .....	2002.. 1 138 139 1997.. 1 309 336
3253124	Superphosphates and other phosphatic fertilizer materials	
	United States .....	2002.. 2 441 130 1997.. 3 614 889
	Florida .....	2002.. 1 620 129 1997.. 2 350 860
3253127	Mixed fertilizers, made in plants which manufacture fertilizer materials	
	United States .....	2002.. 219 998 1997.. 399 212
3253140	Mixed fertilizers, mixing only	
	United States .....	2002.. 2 777 359 1997.. 2 926 500
	Alabama .....	2002.. 144 728 1997.. N
	Arizona .....	2002.. 19 263 1997.. N
	Arkansas .....	2002.. 13 032 1997.. N
	California .....	2002.. 237 223 1997.. N
	Colorado .....	2002.. 11 953 1997.. N
	Connecticut .....	2002.. 28 339 1997.. N
	Florida .....	2002.. 326 279 1997.. N
	Georgia .....	2002.. 68 264 1997.. N
	Idaho .....	2002.. 25 664 1997.. N
	Illinois .....	2002.. 77 321 1997.. N
	Indiana .....	2002.. 42 665 1997.. N
	Iowa .....	2002.. 61 255 1997.. N
	Kansas .....	2002.. 7 366 1997.. N
	Kentucky .....	2002.. 23 207 1997.. N
	Louisiana .....	2002.. 11 139 1997.. N
	Maine .....	2002.. 8 595 1997.. N
	Maryland .....	2002.. 37 441 1997.. N
	Michigan .....	2002.. 55 030 1997.. N
	Minnesota .....	2002.. 9 969 1997.. N
	Missouri .....	2002.. 127 940 1997.. N
	Montana .....	2002.. 11 184 1997.. N
	Nebraska .....	2002.. 4 632 1997.. N
	New Jersey .....	2002.. 43 318 1997.. N
	New York .....	2002.. 74 426 1997.. N
	North Carolina .....	2002.. 88 352 1997.. N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3253140	Mixed fertilizers, mixing only—Con.	
	Ohio .....	2002.. 481 134
		1997.. N
	Oregon .....	2002.. 25 344
		1997.. N
	Pennsylvania .....	2002.. 146 594
		1997.. N
	South Carolina .....	2002.. 59 682
		1997.. N
	Tennessee .....	2002.. 34 535
		1997.. N
Texas .....	2002.. 228 053	
	1997.. N	
Utah .....	2002.. 18 829	
	1997.. N	
Virginia .....	2002.. 69 096	
	1997.. N	
Washington .....	2002.. 50 193	
	1997.. N	
Wisconsin .....	2002.. 37 917	
	1997.. N	
3253201	Agricultural and commercial pesticides and chemicals	
	United States .....	2002.. 6 262 894
		1997.. 9 244 512
	California .....	2002.. 248 429
		1997.. 192 197
	Georgia .....	2002.. 397 451
		1997.. 352 649
	Missouri .....	2002.. 813 711
		1997.. 1 800 739
	North Carolina .....	2002.. 80 931
		1997.. N
Ohio .....	2002.. 74 946	
	1997.. N	
Texas .....	2002.. 522 930	
	1997.. 946 092	
Wisconsin .....	2002.. 35 203	
	1997.. 16 454	
3253204	Lawn and garden pesticides and chemicals	
	United States .....	2002.. 345 477
	1997.. 360 784	
3253207	Household and institutional pesticides and chemicals	
	United States .....	2002.. 2 502 204
	1997.. 1 142 047	
3254111	Synthetic organic medicinal chemicals, in bulk	
	United States .....	2002.. 9 700 437
		1997.. 8 249 161
	California .....	2002.. 508 265
		1997.. 163 990
	Illinois .....	2002.. 250 232
		1997.. N
	Massachusetts .....	2002.. 47 073
		1997.. 26 509
	New Jersey .....	2002.. 2 355 632
		1997.. 1 400 297
New York .....	2002.. 30 877	
	1997.. 59 130	
Wisconsin .....	2002.. 22 121	
	1997.. 11 179	
3254114	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk	
	United States .....	2002.. 2 844 019
		1997.. 2 625 474
	California .....	2002.. 299 032
		1997.. 382 044
	Florida .....	2002.. 45 978
		1997.. N
	Illinois .....	2002.. 173 542
		1997.. 313 394
	Massachusetts .....	2002.. 34 547
		1997.. N
New Jersey .....	2002.. 295 486	
	1997.. 89 172	
New York .....	2002.. 608 889	
	1997.. 137 045	
3254121	Pharmaceutical preparations, affecting neoplasms, the endocrine system, and metabolic diseases, for human use	
	United States .....	2002.. 17 195 474
		1997.. 4 821 511
	California .....	2002.. 2 633 813
		1997.. N
	Florida .....	2002.. 180 077
		1997.. 24 842
New Jersey .....	2002.. 987 814	
	1997.. 897 076	
New York .....	2002.. 1 911 002	
	1997.. 911 648	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3254124	Pharmaceutical preparations, acting on the central nervous system and the sense organs, for human use	
	United States .....	2002 .. 24 792 971
	California .....	1997 .. 11 808 739
	Florida .....	2002 .. 1 909 608
	Illinois .....	1997 .. 530 960
	Maryland .....	2002 .. 300 158
	Minnesota .....	1997 .. 87 834
	New Jersey .....	2002 .. 886 424
	New York .....	1997 .. 851 193
	North Carolina .....	2002 .. 49 947
	Ohio .....	1997 .. N
	Pennsylvania .....	2002 .. 57 601
	Utah .....	1997 .. N
	.....	2002 .. N
	.....	1997 .. N
3254127	Pharmaceutical preparations, acting on the cardiovascular system, for human use	
	United States .....	2002 .. 10 516 110
	California .....	1997 .. 8 656 088
	Florida .....	2002 .. 567 592
	Illinois .....	1997 .. 486 972
	Indiana .....	2002 .. 84 304
	Missouri .....	1997 .. N
	New Jersey .....	2002 .. 105 199
	Ohio .....	1997 .. 336 673
	.....	2002 .. 462 463
325412A	Pharmaceutical preparations, acting on the respiratory system, for human use	
	United States .....	2002 .. 12 531 993
	California .....	1997 .. 5 742 303
	Florida .....	2002 .. 626 768
	Illinois .....	1997 .. 379 962
	New Jersey .....	2002 .. 201 684
	New York .....	1997 .. 164 506
	North Carolina .....	2002 .. 709 880
	Pennsylvania .....	1997 .. N
	Texas .....	2002 .. 1 524 469
325412D	Pharmaceutical preparations, acting on the digestive or the genito-urinary systems, for human use	
	United States .....	2002 .. 13 077 241
	California .....	1997 .. 9 360 623
	Florida .....	2002 .. 56 905
	Massachusetts .....	1997 .. 148 306
	Michigan .....	2002 .. 63 735
	Missouri .....	1997 .. 79 199
	New Jersey .....	2002 .. 19 464
	New York .....	1997 .. N
	North Carolina .....	2002 .. 458 084
	Ohio .....	1997 .. N
	Tennessee .....	2002 .. 299 212
	Texas .....	1997 .. N
	Virginia .....	2002 .. 893 467
	325412G	Pharmaceutical preparations, acting on skin, for human use
United States .....		2002 .. 2 723 454
California .....		1997 .. 1 800 841
Connecticut .....		2002 .. 137 123
Florida .....		1997 .. 123 414
.....		2002 .. 63 905
.....	1997 .. 43 332	
.....	2002 .. 55 663	
.....	1997 .. 19 575	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
325412G	Pharmaceutical preparations, acting on skin, for human use—Con.	
	Michigan .....	2002 .. 40 820
	.....	1997 .. 38 019
	New Jersey .....	2002 .. 519 657
	.....	1997 .. 485 621
	New York .....	2002 .. 372 969
.....	1997 .. 276 417	
Tennessee .....	2002 .. 232 270	
.....	1997 .. N	
325412L	Pharmaceutical preparations, vitamin, nutrient, and hematinic preparations, for human use	
	United States .....	2002 .. 6 353 888
	.....	1997 .. 5 209 752
	Arizona .....	2002 .. 49 646
	.....	1997 .. 120 630
	California .....	2002 .. 1 209 824
	.....	1997 .. 1 762 491
	Colorado .....	2002 .. 18 839
	.....	1997 .. N
	Indiana .....	2002 .. 33 775
	.....	1997 .. N
	Massachusetts .....	2002 .. 49 112
	.....	1997 .. 55 444
	New Jersey .....	2002 .. 356 182
	.....	1997 .. 315 603
	New York .....	2002 .. 1 667 278
	.....	1997 .. 739 574
	North Carolina .....	2002 .. 433 496
	.....	1997 .. 217 752
	Oregon .....	2002 .. 21 356
.....	1997 .. N	
Pennsylvania .....	2002 .. 57 094	
.....	1997 .. 22 161	
Texas .....	2002 .. 164 054	
.....	1997 .. N	
Utah .....	2002 .. 312 554	
.....	1997 .. 314 441	
Washington .....	2002 .. 20 642	
.....	1997 .. N	
325412P	Pharmaceutical preparations, affecting parasitic and ineffective diseases, for human use (excluding diagnostics)	
	United States .....	2002 .. 11 329 361
	.....	1997 .. 7 651 310
	California .....	2002 .. 404 487
	.....	1997 .. 31 756
	Florida .....	2002 .. 82 910
	.....	1997 .. 74 104
	Illinois .....	2002 .. 1 215 454
	.....	1997 .. N
	New Jersey .....	2002 .. 2 076 825
.....	1997 .. 1 555 738	
New York .....	2002 .. 1 106 992	
.....	1997 .. 344 172	
325412T	Pharmaceutical preparations for veterinary use (including medicinal premixes and medicated pet care products; excluding pet flea and tick products), excluding diagnostics	
	United States .....	2002 .. 2 536 159
	.....	1997 .. 1 593 352
	California .....	2002 .. 129 340
	.....	1997 .. 33 297
	Connecticut .....	2002 .. 18 200
	.....	1997 .. N
	Georgia .....	2002 .. 47 001
	.....	1997 .. N
	Illinois .....	2002 .. 146 067
	.....	1997 .. 30 097
	Indiana .....	2002 .. 296 769
	.....	1997 .. N
	Iowa .....	2002 .. 129 268
	.....	1997 .. 178 447
	Massachusetts .....	2002 .. 212 801
	.....	1997 .. N
	Minnesota .....	2002 .. 64 216
	.....	1997 .. N
	Missouri .....	2002 .. 370 317
.....	1997 .. 223 340	
New Jersey .....	2002 .. 269 383	
.....	1997 .. 108 955	
Pennsylvania .....	2002 .. 59 147	
.....	1997 .. N	
South Carolina .....	2002 .. 31 269	
.....	1997 .. N	
Tennessee .....	2002 .. 8 926	
.....	1997 .. N	
West Virginia .....	2002 .. 40 343	
.....	1997 .. N	
325412V	In vivo diagnostic substances	
	United States .....	2002 .. 1 737 541
	.....	1997 .. 1 070 479
	Arizona .....	2002 .. 55 254
	.....	1997 .. N
	California .....	2002 .. 14 256
	.....	1997 .. 25 988
	Illinois .....	2002 .. 291 913
	.....	1997 .. N
	Indiana .....	2002 .. 25 091
.....	1997 .. 22 665	
Kansas .....	2002 .. 29 551	
.....	1997 .. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
325412V	In vivo diagnostic substances—Con.	
	Missouri .....	2002.. 171 467
	.....	1997.. N
	New Jersey .....	2002.. 441 419
	.....	1997.. N
	New York .....	2002.. 86 923
	.....	1997.. N
	North Carolina .....	2002.. 566 836
.....	1997.. N	
Texas .....	2002.. 16 254	
.....	1997.. N	
Washington .....	2002.. 18 940	
.....	1997.. N	
3254130	In-vitro diagnostic substances	
	United States .....	2002.. 9 170 493
	.....	1997.. 6 483 326
	Arkansas .....	2002.. 5 801
	.....	1997.. N
	California .....	2002.. 1 552 013
	.....	1997.. N
	Colorado .....	2002.. 65 787
	.....	1997.. N
	Florida .....	2002.. 96 659
	.....	1997.. N
	Georgia .....	2002.. 109 331
	.....	1997.. N
	Maine .....	2002.. 120 619
	.....	1997.. N
	Maryland .....	2002.. 419 724
	.....	1997.. N
	Massachusetts .....	2002.. 524 695
	.....	1997.. N
	Michigan .....	2002.. 52 553
.....	1997.. N	
Minnesota .....	2002.. 71 145	
.....	1997.. N	
New Jersey .....	2002.. 387 834	
.....	1997.. N	
New York .....	2002.. 477 947	
.....	1997.. N	
Pennsylvania .....	2002.. 19 565	
.....	1997.. N	
Texas .....	2002.. 121 472	
.....	1997.. N	
Virginia .....	2002.. 64 529	
.....	1997.. N	
Wisconsin .....	2002.. 41 826	
.....	1997.. N	
3254141	Blood and blood derivatives, for human use	
	United States .....	2002.. 1 587 099
	.....	1997.. 1 060 150
California .....	2002.. 351 514	
.....	1997.. N	
3254144	Vaccines, toxoids, and antigens, excluding allergens, for human use	
	United States .....	2002.. 2 485 287
.....	1997.. 1 265 460	
3254147	Other biologics, excluding diagnostic, for human use	
	United States .....	2002.. 2 165 164
	.....	1997.. 1 511 455
	North Carolina .....	2002.. 382 150
.....	1997.. N	
325414A	Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses	
	United States .....	2002.. 1 860 241
	.....	1997.. 1 304 739
Texas .....	2002.. 53 022	
.....	1997.. N	
3255101	Architectural coatings	
	United States .....	2002.. 7 760 354
	.....	1997.. 6 096 705
	Arizona .....	2002.. 7 226
	.....	1997.. 36 552
	California .....	2002.. 1 457 281
	.....	1997.. 928 521
	Florida .....	2002.. 291 277
	.....	1997.. 293 130
	Georgia .....	2002.. 731 495
	.....	1997.. 524 931
	Illinois .....	2002.. 992 223
	.....	1997.. 937 225
	Indiana .....	2002.. 52 993
	.....	1997.. 41 504
	Iowa .....	2002.. 21 258
	.....	1997.. 58 449
	Kansas .....	2002.. 5 361
	.....	1997.. N
	Maryland .....	2002.. 499 120
.....	1997.. 336 397	
Massachusetts .....	2002.. 204 818	
.....	1997.. 131 199	
Minnesota .....	2002.. 19 831	
.....	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3255101	Architectural coatings—Con.	
	Missouri .....	2002 .. 189 805
	.....	1997 .. 174 952
	New York .....	2002 .. 159 035
	.....	1997 .. 70 548
	Ohio .....	2002 .. 523 303
	.....	1997 .. 381 798
	Oklahoma .....	2002 .. 39 650
	.....	1997 .. 40 266
	Pennsylvania .....	2002 .. 237 220
	.....	1997 .. 244 356
Texas .....	2002 .. 901 578	
.....	1997 .. 645 929	
Utah .....	2002 .. 4 511	
.....	1997 .. N	
Washington .....	2002 .. 51 418	
.....	1997 .. 83 138	
3255104	Product finishes for original equipment manufacturers (OEM), excluding marine coatings.	
	United States .....	2002 .. 5 242 583
	.....	1997 .. 5 778 416
	California .....	2002 .. 143 991
	.....	1997 .. 214 993
	Florida .....	2002 .. 12 430
	.....	1997 .. 18 584
	Georgia .....	2002 .. 144 172
	.....	1997 .. 84 735
	Illinois .....	2002 .. 474 126
	.....	1997 .. 635 610
	Indiana .....	2002 .. 206 566
	.....	1997 .. 270 470
	Kentucky .....	2002 .. 63 196
	.....	1997 .. 62 996
	Massachusetts .....	2002 .. 46 296
	.....	1997 .. 59 725
	Michigan .....	2002 .. 527 234
	.....	1997 .. 940 213
	New Jersey .....	2002 .. 202 210
	.....	1997 .. 214 135
	New York .....	2002 .. 148 598
	.....	1997 .. 74 919
	North Carolina .....	2002 .. 265 253
	.....	1997 .. 400 486
	Ohio .....	2002 .. 840 075
	.....	1997 .. 913 079
Oregon .....	2002 .. 20 289	
.....	1997 .. 40 109	
Pennsylvania .....	2002 .. 399 226	
.....	1997 .. 382 975	
South Carolina .....	2002 .. 88 342	
.....	1997 .. 18 052	
Tennessee .....	2002 .. 58 872	
.....	1997 .. 34 526	
Texas .....	2002 .. 389 490	
.....	1997 .. 247 578	
Washington .....	2002 .. 53 819	
.....	1997 .. N	
3255107	Special-purpose coatings including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc.	
	United States .....	2002 .. 3 293 256
	.....	1997 .. 3 015 031
	Alabama .....	2002 .. 83 785
	.....	1997 .. 17 237
	Arizona .....	2002 .. 4 460
	.....	1997 .. N
	California .....	2002 .. 156 016
	.....	1997 .. 139 707
	Florida .....	2002 .. 19 796
	.....	1997 .. 13 520
	Georgia .....	2002 .. 65 281
	.....	1997 .. 14 437
	Illinois .....	2002 .. 256 629
	.....	1997 .. 119 822
	Indiana .....	2002 .. 10 809
	.....	1997 .. 17 030
	Louisiana .....	2002 .. 105 433
	.....	1997 .. 57 566
	Massachusetts .....	2002 .. 21 823
	.....	1997 .. 16 311
	Michigan .....	2002 .. 113 841
	.....	1997 .. 144 551
	Missouri .....	2002 .. 217 817
	.....	1997 .. 93 774
	Nevada .....	2002 .. 25 813
	.....	1997 .. N
New Jersey .....	2002 .. 178 066	
.....	1997 .. 292 839	
Ohio .....	2002 .. 428 853	
.....	1997 .. 378 394	
Oklahoma .....	2002 .. 15 043	
.....	1997 .. N	
Oregon .....	2002 .. 35 237	
.....	1997 .. 25 740	
Pennsylvania .....	2002 .. 75 463	
.....	1997 .. 166 620	
Rhode Island .....	2002 .. 8 698	
.....	1997 .. N	
South Carolina .....	2002 .. 26 860	
.....	1997 .. N	
Texas .....	2002 .. 245 647	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3255107	Special-purpose coatings including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc.—Con.		
	Texas—Con.	1997.. 253 385	
	Wisconsin .....	2002.. 147 063 1997.. 143 508	
325510B	Miscellaneous allied paint products, including paint and varnish removers, thinners, pigment dispersions, glazing compounds, etc.		
	United States .....	2002.. 1 358 561	
	California .....	1997.. N 2002.. 124 727	
	Florida .....	1997.. N 2002.. 26 935	
	Georgia .....	1997.. N 2002.. 13 787	
	Illinois .....	1997.. N 2002.. 80 591	
	Indiana .....	1997.. N 2002.. 42 134	
	Kentucky .....	1997.. N 2002.. 30 921	
	Massachusetts .....	1997.. N 2002.. 11 745	
	Ohio .....	1997.. N 2002.. 149 916	
	Pennsylvania .....	1997.. N 2002.. 105 135	
	Texas .....	1997.. N 2002.. 36 155	
	Wisconsin .....	1997.. N 2002.. 9 188	
	3255201	Natural base glues and adhesives	
		United States .....	2002.. 276 552 1997.. 322 944
		Georgia .....	2002.. 12 643 1997.. 20 763
		Illinois .....	2002.. 32 580 1997.. 18 344
New Jersey .....		2002.. 6 992 1997.. 51 193	
Ohio .....		2002.. 30 491 1997.. 27 056	
3255204		Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives	
	United States .....	2002.. 4 436 322 1997.. 4 338 084	
	California .....	2002.. 352 610 1997.. 280 535	
	Connecticut .....	2002.. 31 001 1997.. 115 154	
	Georgia .....	2002.. 301 592 1997.. 230 466	
	Illinois .....	2002.. 427 372 1997.. 517 177	
	Indiana .....	2002.. 30 934 1997.. 47 708	
	Massachusetts .....	2002.. 225 335 1997.. 172 637	
	Michigan .....	2002.. 250 024 1997.. 286 359	
	Missouri .....	2002.. 164 526 1997.. N	
	New Jersey .....	2002.. 143 788 1997.. 224 683	
	New York .....	2002.. 147 038 1997.. 147 521	
	North Carolina .....	2002.. 120 847 1997.. 15 451	
	Ohio .....	2002.. 487 416 1997.. 538 512	
	Pennsylvania .....	2002.. 331 134 1997.. 243 356	
	Rhode Island .....	2002.. 7 200 1997.. 8 481	
	South Carolina .....	2002.. 291 684 1997.. 102 519	
	Tennessee .....	2002.. 69 941 1997.. 112 605	
	Texas .....	2002.. 386 474 1997.. 178 948	
	Virginia .....	2002.. 61 248 1997.. 67 469	
	3255207	Structural sealants (load-bearing)	
		United States .....	2002.. 734 810 1997.. 495 787
		Illinois .....	2002.. 13 685 1997.. N
New Jersey .....		2002.. 3 820 1997.. N	
Ohio .....		2002.. 48 460 1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
325520A	Nonstructural caulking compounds and sealants	
	United States .....	2002.. 1 482 516
		1997.. 1 436 177
	California .....	2002.. 115 674
		1997.. 119 885
	Illinois .....	2002.. 81 491
		1997.. 45 230
	Indiana .....	2002.. 42 186
		1997.. 28 437
	Michigan .....	2002.. 91 469
		1997.. 97 485
	Missouri .....	2002.. 100 507
		1997.. 136 394
	New Jersey .....	2002.. 225 115
	1997.. 176 301	
Ohio .....	2002.. 180 020	
	1997.. 250 598	
Pennsylvania .....	2002.. 21 327	
	1997.. 82 317	
3256111	Soaps and detergents, commercial, industrial, and institutional	
	United States .....	2002.. 6 888 980
		1997.. 2 276 865
	California .....	2002.. 186 116
		1997.. 264 620
	Florida .....	2002.. 36 182
		1997.. 16 859
	Illinois .....	2002.. 439 670
		1997.. 331 727
	Indiana .....	2002.. 62 585
		1997.. 65 670
	Massachusetts .....	2002.. 38 102
		1997.. 30 205
	Michigan .....	2002.. 3 381
		1997.. 56 799
	Minnesota .....	2002.. 63 375
		1997.. 46 146
	Missouri .....	2002.. 334 808
		1997.. 92 317
	New Jersey .....	2002.. 205 890
	1997.. 280 207	
New York .....	2002.. 15 697	
	1997.. 16 715	
Ohio .....	2002.. 2 461 958	
	1997.. 208 801	
Pennsylvania .....	2002.. 184 491	
	1997.. 39 788	
Tennessee .....	2002.. 18 402	
	1997.. N	
Texas .....	2002.. 294 328	
	1997.. 211 833	
3256114	Household detergents	
	United States .....	2002.. 3 532 162
		1997.. 7 176 655
	Missouri .....	2002.. 845 011
	1997.. 972 773	
New Jersey .....	2002.. 166 831	
	1997.. 204 005	
3256117	Soaps, excluding specialty cleaners, household	
	United States .....	2002.. D
		1997.. 1 832 132
	California .....	2002.. 71 329
		1997.. N
	New Jersey .....	2002.. 177 060
		1997.. 25 055
New York .....	2002.. 3 698	
	1997.. 6 624	
Texas .....	2002.. 32 064	
	1997.. N	
325611A	Glycerin, natural	
	United States .....	2002.. D
	1997.. 265 942	
325611D	Toothpaste, including gels and toothpowder	
	United States .....	2002.. 1 557 067
		1997.. 1 403 379
New Jersey .....	2002.. 337 899	
	1997.. N	
3256121	Household bleaches (chlorine and nonchlorine)	
	United States .....	2002.. 963 590
		1997.. 1 002 265
	Florida .....	2002.. 73 894
		1997.. 52 459
	New Jersey .....	2002.. 9 102
	1997.. 38 199	
Tennessee .....	2002.. 36 254	
	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3256125	Specialty cleaning and sanitation products	
	United States .....	2002.. 4 884 877
		1997.. N
	California .....	2002.. 99 249
		1997.. N
	Colorado .....	2002.. 5 222
		1997.. N
	Kansas .....	2002.. 28 553
		1997.. N
	Minnesota .....	2002.. 10 979
		1997.. N
	Missouri .....	2002.. 677 979
		1997.. N
	New Jersey .....	2002.. 563 169
		1997.. N
	New York .....	2002.. 164 085
	1997.. N	
North Carolina .....	2002.. 34 036	
	1997.. N	
Ohio .....	2002.. 1 269 893	
	1997.. N	
Pennsylvania .....	2002.. 90 824	
	1997.. N	
Texas .....	2002.. 97 187	
	1997.. N	
Wisconsin .....	2002.. 598 062	
	1997.. N	
3256127	Polishing preparations and related products	
	United States .....	2002.. 1 684 683
		1997.. 1 068 171
	Illinois .....	2002.. 90 149
		1997.. 114 681
	Indiana .....	2002.. 88 688
		1997.. 20 475
	Michigan .....	2002.. 48 237
		1997.. 44 720
	Missouri .....	2002.. 36 030
	1997.. 32 922	
New Jersey .....	2002.. 87 861	
	1997.. 61 348	
3256130	Surfactants, finishing agents, and assistants	
	United States .....	2002.. 6 247 799
		1997.. 4 969 087
	Alabama .....	2002.. 22 331
		1997.. N
	California .....	2002.. 163 504
		1997.. N
	Connecticut .....	2002.. 3 360
		1997.. N
	Georgia .....	2002.. 235 680
		1997.. N
	Illinois .....	2002.. 682 648
		1997.. N
	Massachusetts .....	2002.. 73 491
		1997.. N
	Michigan .....	2002.. 14 037
		1997.. N
	New Jersey .....	2002.. 327 546
		1997.. N
	New York .....	2002.. 41 696
		1997.. N
	North Carolina .....	2002.. 184 289
		1997.. N
	Ohio .....	2002.. 70 434
	1997.. N	
Pennsylvania .....	2002.. 156 759	
	1997.. N	
Rhode Island .....	2002.. 6 633	
	1997.. N	
South Carolina .....	2002.. 353 525	
	1997.. N	
Tennessee .....	2002.. 41 481	
	1997.. N	
Texas .....	2002.. 1 161 843	
	1997.. N	
Wisconsin .....	2002.. 47 564	
	1997.. N	
3256201	Shaving preparations	
	United States .....	2002.. 622 630
		1997.. 503 711
	Illinois .....	2002.. 2 426
		1997.. N
Texas .....	2002.. 31 040	
	1997.. N	
3256204	Perfumes, toilet waters, and colognes	
	United States .....	2002.. 3 009 050
		1997.. 3 059 475
	Connecticut .....	2002.. 127 925
		1997.. N
New Jersey .....	2002.. 1 261 632	
	1997.. 1 491 881	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3256207	Hair preparations (including shampoos)	
	United States .....	2002.. 7 189 909
	California .....	1997.. 5 378 887
	Georgia .....	2002.. 762 341
	Illinois .....	1997.. 513 849
	New Jersey .....	2002.. 119 241
	Ohio .....	1997.. N
	Texas .....	2002.. 893 989
	Texas .....	1997.. 892 550
	Texas .....	2002.. 461 669
325620A	Dentifrices, mouthwashes, gargles, and rinses	
	United States .....	2002.. 1 256 205
	Tennessee .....	1997.. 730 878
325620D	Creams, lotions and oils, excluding shaving, hair, and deodorant	
	United States .....	2002.. 6 134 297
	Arizona .....	1997.. 4 129 547
	California .....	2002.. 16 775
	Georgia .....	1997.. N
	Illinois .....	2002.. 675 525
	Minnesota .....	1997.. 280 561
	New Jersey .....	2002.. 2 086
	New Jersey .....	1997.. N
	Tennessee .....	2002.. 517 555
	Tennessee .....	1997.. 430 907
	Tennessee .....	2002.. 42 825
	Tennessee .....	1997.. 4 231
325620G	Other cosmetics and toilet preparations	
	United States .....	2002.. 9 392 275
	Arkansas .....	1997.. 7 527 193
	California .....	2002.. 616 830
	Connecticut .....	1997.. 499 688
	Illinois .....	2002.. 541 667
	New Jersey .....	1997.. 290 777
	New Jersey .....	2002.. 35 730
	New Jersey .....	1997.. 22 014
	New York .....	2002.. 327 738
	New York .....	1997.. 266 304
	North Carolina .....	2002.. 864 390
	North Carolina .....	1997.. 980 433
	Ohio .....	2002.. 1 852 679
	Ohio .....	1997.. 995 499
	Pennsylvania .....	2002.. 1 910 634
	Pennsylvania .....	1997.. 1 233 767
Tennessee .....	2002.. 363 685	
Tennessee .....	1997.. 154 119	
Virginia .....	2002.. 18 944	
Virginia .....	1997.. N	
Virginia .....	2002.. 86 894	
Virginia .....	1997.. N	
Virginia .....	2002.. 53 336	
Virginia .....	1997.. N	
3259101	Letterpress printing inks	
	United States .....	2002.. 117 769
	Minnesota .....	1997.. 184 336
3259104	Lithographic and offset inks	
	United States .....	2002.. 1 749 862
	California .....	1997.. 1 680 418
	Colorado .....	2002.. 169 024
	Florida .....	1997.. 155 395
	Illinois .....	2002.. 4 195
	Illinois .....	1997.. 10 223
	Maryland .....	2002.. 80 833
	Maryland .....	1997.. 81 192
	Massachusetts .....	2002.. 223 970
	Massachusetts .....	1997.. 224 417
	Michigan .....	2002.. 35 304
	Michigan .....	1997.. 38 680
	Minnesota .....	2002.. 28 880
	Minnesota .....	1997.. 24 025
	Missouri .....	2002.. 26 195
	Missouri .....	1997.. N
New Jersey .....	2002.. 59 790	
New Jersey .....	1997.. 59 222	
New York .....	2002.. 66 399	
New York .....	1997.. 53 331	
Ohio .....	2002.. 55 145	
Ohio .....	1997.. 55 253	
Ohio .....	2002.. 96 866	
Ohio .....	1997.. 76 990	
Ohio .....	2002.. 129 775	
Ohio .....	1997.. 68 364	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3259104	Lithographic and offset inks—Con.	
	Pennsylvania .....	2002.. 29 996
		1997.. 30 645
	Tennessee .....	2002.. 31 279
		1997.. 43 309
	Texas .....	2002.. 74 855
		1997.. 83 272
	Virginia .....	2002.. 70 059
		1997.. 76 438
	Wisconsin .....	2002.. 125 567
	1997.. 121 804	
3259107	Gravure printing inks	
	United States .....	2002.. 572 382
		1997.. 572 906
	California .....	2002.. 23 963
		1997.. 8 629
	Georgia .....	2002.. 31 228
		1997.. 40 566
	Ohio .....	2002.. 16 594
		1997.. N
	Pennsylvania .....	2002.. 11 306
	1997.. 22 071	
South Carolina .....	2002.. 43 109	
	1997.. N	
Virginia .....	2002.. 18 598	
	1997.. 50 374	
Wisconsin .....	2002.. 76 809	
	1997.. 16 084	
325910A	Flexographic printing inks	
	United States .....	2002.. 843 623
		1997.. 718 147
	California .....	2002.. 47 878
		1997.. 69 504
	Georgia .....	2002.. 25 463
		1997.. 16 859
	Illinois .....	2002.. 100 023
		1997.. 48 277
	Indiana .....	2002.. 31 336
		1997.. 12 499
	Massachusetts .....	2002.. 19 807
		1997.. 9 168
	Minnesota .....	2002.. 28 147
		1997.. 26 786
	Missouri .....	2002.. 17 998
		1997.. 14 902
	New Jersey .....	2002.. 19 390
	1997.. 56 464	
North Carolina .....	2002.. 77 853	
	1997.. 77 582	
Ohio .....	2002.. 139 370	
	1997.. 72 865	
Oregon .....	2002.. 36 300	
	1997.. 19 874	
Pennsylvania .....	2002.. 31 170	
	1997.. 62 455	
Texas .....	2002.. 22 685	
	1997.. 32 755	
Wisconsin .....	2002.. 30 682	
	1997.. 27 221	
325910E	Nonimpact/digital inks	
	United States .....	2002.. 247 728
		1997.. 96 034
	New Jersey .....	2002.. 36 873
		1997.. 16 580
Ohio .....	2002.. 13 264	
	1997.. N	
325910H	All other printing inks	
	United States .....	2002.. 308 773
		1997.. 228 316
	Illinois .....	2002.. 29 079
		1997.. 20 292
Minnesota .....	2002.. 5 111	
	1997.. N	
New Jersey .....	2002.. 23 240	
	1997.. 54 001	
3259200	Explosives	
	United States .....	2002.. 896 379
		1997.. 1 242 257
	California .....	2002.. 47 558
		1997.. N
	Florida .....	2002.. 90 721
		1997.. N
	Michigan .....	2002.. 10 842
		1997.. N
	Minnesota .....	2002.. 3 889
	1997.. N	
Pennsylvania .....	2002.. 8 566	
	1997.. N	
Tennessee .....	2002.. 10 103	
	1997.. N	
Texas .....	2002.. 114 607	
	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3259911	Custom compounding of purchased resins and color concentrates		
	United States .....	2002 .. 5 729 573 1997 .. 5 773 884	
	Arizona .....	2002 .. 24 603 1997 .. 18 344	
	California .....	2002 .. 202 587 1997 .. 263 436	
	Georgia .....	2002 .. 352 468 1997 .. 328 882	
	Indiana .....	2002 .. 519 020 1997 .. 476 403	
	Kentucky .....	2002 .. 27 343 1997 .. 42 522	
	Maryland .....	2002 .. 54 648 1997 .. N	
	Michigan .....	2002 .. 401 154 1997 .. 247 041	
	Missouri .....	2002 .. 78 865 1997 .. 50 911	
	North Carolina .....	2002 .. 112 041 1997 .. 102 441	
	Ohio .....	2002 .. 605 412 1997 .. 854 550	
	Rhode Island .....	2002 .. 71 092 1997 .. 9 538	
	Texas .....	2002 .. 373 499 1997 .. 518 458	
	Wisconsin .....	2002 .. 54 878 1997 .. 84 456	
	3259912	Resins in the form of pellets from spent or post consumer plastics	
		United States .....	2002 .. 519 828 1997 .. 501 958
		California .....	2002 .. 31 053 1997 .. 25 452
		Indiana .....	2002 .. 12 956 1997 .. N
		Michigan .....	2002 .. 38 934 1997 .. N
Ohio .....		2002 .. 53 515 1997 .. 36 460	
Texas .....		2002 .. 21 341 1997 .. N	
3259921		Photographic sensitized film, plates, paper, and cloth, silver halide type (excluding X-ray)	
	United States .....	2002 .. 5 041 491 1997 .. 6 840 400	
	California .....	2002 .. 36 467 1997 .. N	
3259923	Sensitized photographic film, plates, paper, and cloth, other than silver halide type (including X-ray)		
	United States .....	2002 .. 1 858 098 1997 .. 2 843 490	
	California .....	2002 .. 32 426 1997 .. 46 225	
3259925	Prepared photographic chemicals		
	United States .....	2002 .. 1 904 095 1997 .. 2 136 630	
	California .....	2002 .. 321 713 1997 .. 135 846	
	Illinois .....	2002 .. 239 116 1997 .. N	
	Minnesota .....	2002 .. 4 200 1997 .. N	
	3259981	Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt	
United States .....		2002 .. 636 898 1997 .. 433 405	
Kansas .....		2002 .. 104 057 1997 .. 98 471	
New York .....		2002 .. 99 002 1997 .. N	
Utah .....		2002 .. 70 044 1997 .. N	
3259984		Matches	
	United States .....	2002 .. 49 997 1997 .. 62 665	
3259987	Gelatin, excluding ready-to-eat desserts		
	United States .....	2002 .. 521 432 1997 .. 445 300	
	Iowa .....	2002 .. 149 817 1997 .. 138 881	
325998A	Water treating compounds		
	United States .....	2002 .. 2 576 529 1997 .. 2 087 398	
	California .....	2002 .. 177 136 1997 .. 162 431	
	Georgia .....	2002 .. 651 183 1997 .. 374 006	
	Illinois .....	2002 .. 154 534 1997 .. 380 692	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
325998A	Water treating compounds—Con.	
	Indiana .....	2002.. 36 094
	.....	1997.. 10 400
	Louisiana .....	2002.. 386 780
	.....	1997.. 37 817
	Michigan .....	2002.. 89 038
	.....	1997.. 47 481
	New Jersey .....	2002.. 84 660
	.....	1997.. 192 729
	North Carolina .....	2002.. 45 923
.....	1997.. N	
Oregon .....	2002.. 6 184	
.....	1997.. N	
Texas .....	2002.. 130 736	
.....	1997.. 253 055	
325998E	Automotive chemicals	
	United States .....	2002.. 991 895
	.....	1997.. 683 669
	Illinois .....	2002.. 134 227
	.....	1997.. N
	Indiana .....	2002.. 10 050
	.....	1997.. 6 602
	Missouri .....	2002.. 47 753
	.....	1997.. 35 650
	Ohio .....	2002.. 87 337
.....	1997.. 63 925	
Texas .....	2002.. 74 519	
.....	1997.. 59 884	
325998J	All other chemical preparations, including essential oils and water-treating compounds	
	United States .....	2002.. 6 366 126
	.....	1997.. N
	Arizona .....	2002.. 15 807
	.....	1997.. N
	California .....	2002.. 280 809
	.....	1997.. N
	Connecticut .....	2002.. 54 543
	.....	1997.. N
	Illinois .....	2002.. 330 256
	.....	1997.. N
	Indiana .....	2002.. 183 786
	.....	1997.. N
	Maryland .....	2002.. 99 995
	.....	1997.. N
	Massachusetts .....	2002.. 329 824
	.....	1997.. N
	Michigan .....	2002.. 308 854
	.....	1997.. N
	Minnesota .....	2002.. 178 714
	.....	1997.. N
	Missouri .....	2002.. 160 551
	.....	1997.. N
	New Jersey .....	2002.. 295 336
	.....	1997.. N
	New York .....	2002.. 167 885
	.....	1997.. N
	North Carolina .....	2002.. 137 268
	.....	1997.. N
	Ohio .....	2002.. 552 777
.....	1997.. N	
Oregon .....	2002.. 57 868	
.....	1997.. N	
Pennsylvania .....	2002.. 362 875	
.....	1997.. N	
Texas .....	2002.. 891 157	
.....	1997.. N	
Utah .....	2002.. 5 484	
.....	1997.. N	
Wisconsin .....	2002.. 118 360	
.....	1997.. N	
3261111	Single-web film specialty bags, pouches, and liners	
	United States .....	2002.. 6 729 292
	.....	1997.. 6 019 915
	Florida .....	2002.. 143 435
	.....	1997.. 130 134
	Illinois .....	2002.. 707 738
	.....	1997.. 732 451
	Massachusetts .....	2002.. 45 274
	.....	1997.. 88 963
	Michigan .....	2002.. 121 204
	.....	1997.. N
	Nevada .....	2002.. 20 773
	.....	1997.. N
	New Hampshire .....	2002.. 30 141
	.....	1997.. 30 759
	New Jersey .....	2002.. 238 933
	.....	1997.. 182 403
	Ohio .....	2002.. 252 558
	.....	1997.. 203 347
	South Carolina .....	2002.. 254 145
.....	1997.. 142 997	
Tennessee .....	2002.. 35 508	
.....	1997.. 72 369	
Virginia .....	2002.. 306 976	
.....	1997.. 262 490	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3261113	Multiweb film/film combination specialty bags, pouches, and liners	
	United States .....	2002 .. 621 336
	Illinois .....	1997 .. 427 192
	Michigan .....	2002 .. 101 126
	New Jersey .....	1997 .. 40 007
	Ohio .....	2002 .. 3 802
	Tennessee .....	1997 .. N
	United States .....	2002 .. 15 411
	Ohio .....	1997 .. N
	Tennessee .....	2002 .. 8 859
3261121	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses	
	United States .....	2002 .. 3 651 730
	California .....	1997 .. 1 844 318
	Georgia .....	2002 .. 232 256
	Illinois .....	1997 .. 60 948
	Kentucky .....	2002 .. 114 079
	Minnesota .....	1997 .. 45 013
	Missouri .....	2002 .. 174 650
	New Jersey .....	1997 .. 43 705
	New York .....	2002 .. 22 982
	North Carolina .....	1997 .. N
	Ohio .....	2002 .. 42 825
	Pennsylvania .....	1997 .. 49 061
	Texas .....	2002 .. 55 773
	Wisconsin .....	1997 .. 36 891
	United States .....	2002 .. 41 254
	California .....	1997 .. 29 858
	Georgia .....	2002 .. 127 670
	Illinois .....	1997 .. 51 109
	Kentucky .....	2002 .. 152 100
Minnesota .....	1997 .. 92 210	
Missouri .....	2002 .. 103 656	
New Jersey .....	1997 .. 57 172	
New York .....	2002 .. 226 155	
North Carolina .....	1997 .. N	
Ohio .....	2002 .. 191 478	
Pennsylvania .....	1997 .. N	
Texas .....	2002 .. 560 168	
Wisconsin .....	1997 .. 535 335	
3261123	Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses	
	United States .....	2002 .. 2 371 604
	California .....	1997 .. 1 400 302
	Georgia .....	2002 .. 69 603
	Illinois .....	1997 .. 90 398
	Minnesota .....	2002 .. 253 606
	Missouri .....	1997 .. N
	New Jersey .....	2002 .. 241 517
	New York .....	1997 .. 210 574
	North Carolina .....	2002 .. 39 753
	Ohio .....	1997 .. N
	Pennsylvania .....	2002 .. 63 892
	Texas .....	1997 .. 18 599
	Wisconsin .....	2002 .. 67 423
	United States .....	1997 .. N
	California .....	2002 .. 64 945
	Georgia .....	1997 .. 28 953
	Illinois .....	2002 .. 55 094
	Minnesota .....	1997 .. N
	Missouri .....	2002 .. 100 183
New Jersey .....	1997 .. 92 527	
New York .....	2002 .. 103 914	
North Carolina .....	1997 .. N	
Ohio .....	2002 .. 82 748	
Pennsylvania .....	1997 .. N	
Texas .....	2002 .. 718 262	
Wisconsin .....	1997 .. 323 854	
3261130	Unlaminated plastics film and sheet, excluding packaging	
	United States .....	2002 .. 14 545 238
	Alabama .....	1997 .. 13 948 320
	Arkansas .....	2002 .. 237 589
	California .....	1997 .. N
	Colorado .....	2002 .. 104 337
	Connecticut .....	1997 .. N
	Delaware .....	2002 .. 636 632
	Florida .....	1997 .. N
	Georgia .....	2002 .. 49 917
	Illinois .....	1997 .. N
	Indiana .....	2002 .. 201 510
	Iowa .....	1997 .. N
	Kansas .....	2002 .. 127 417
	Kentucky .....	1997 .. N
	United States .....	2002 .. 79 698
	Alabama .....	1997 .. N
	Arkansas .....	2002 .. 654 327
	California .....	1997 .. N
	Colorado .....	2002 .. 476 675
Connecticut .....	1997 .. N	
Delaware .....	2002 .. 882 865	
Florida .....	1997 .. N	
Georgia .....	2002 .. 186 309	
Illinois .....	1997 .. N	
Indiana .....	2002 .. 124 559	
Iowa .....	1997 .. N	
Kansas .....	2002 .. 498 552	
Kentucky .....	1997 .. N	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3261130	Unlaminated plastics film and sheet, excluding packaging—Con.	
	Louisiana .....	2002.. 168 617
	1997.. N	
	Maryland .....	2002.. 124 559
	1997.. N	
	Massachusetts .....	2002.. 460 193
	1997.. N	
	Michigan .....	2002.. 326 778
	1997.. N	
	Minnesota .....	2002.. 380 277
	1997.. N	
	Mississippi .....	2002.. 229 372
	1997.. N	
	Missouri .....	2002.. 272 340
	1997.. N	
	Nebraska .....	2002.. 7 118
	1997.. N	
	Nevada .....	2002.. 98 689
	1997.. N	
	New Hampshire .....	2002.. 54 404
	1997.. N	
	New Jersey .....	2002.. 521 385
	1997.. N	
	New York .....	2002.. 262 741
	1997.. N	
	North Carolina .....	2002.. 439 145
	1997.. N	
	Ohio .....	2002.. 772 954
	1997.. N	
	Oklahoma .....	2002.. 338 052
	1997.. N	
	Oregon .....	2002.. 112 134
1997.. N		
Pennsylvania .....	2002.. 883 509	
1997.. N		
Rhode Island .....	2002.. 74 529	
1997.. N		
South Carolina .....	2002.. 589 329	
1997.. N		
Tennessee .....	2002.. 258 206	
1997.. N		
Texas .....	2002.. 1 957 653	
1997.. N		
Utah .....	2002.. 33 715	
1997.. N		
Virginia .....	2002.. 994 116	
1997.. N		
Washington .....	2002.. 178 459	
1997.. N		
Wisconsin .....	2002.. 412 725	
1997.. N		
3261210	Unlaminated plastics profile shapes	
	United States .....	2002.. 5 400 366
	1997.. 4 314 941	
	Alabama .....	2002.. 81 208
	1997.. N	
	California .....	2002.. 531 532
	1997.. N	
	Connecticut .....	2002.. 26 141
	1997.. N	
	Florida .....	2002.. 88 164
	1997.. N	
	Illinois .....	2002.. 342 952
	1997.. N	
	Indiana .....	2002.. 180 740
	1997.. N	
	Kansas .....	2002.. 148 900
	1997.. N	
	Massachusetts .....	2002.. 182 348
	1997.. N	
	Michigan .....	2002.. 97 672
	1997.. N	
	Minnesota .....	2002.. 135 432
	1997.. N	
	Missouri .....	2002.. 51 566
	1997.. N	
	New Hampshire .....	2002.. 26 311
	1997.. N	
	New Jersey .....	2002.. 215 393
	1997.. N	
	New York .....	2002.. 586 448
	1997.. N	
	Ohio .....	2002.. 291 332
1997.. N		
Oklahoma .....	2002.. 5 585	
1997.. N		
Oregon .....	2002.. 17 183	
1997.. N		
Pennsylvania .....	2002.. 328 440	
1997.. N		
South Carolina .....	2002.. 175 936	
1997.. N		
Tennessee .....	2002.. 192 699	
1997.. N		
Texas .....	2002.. 451 712	
1997.. N		
Utah .....	2002.. 2 383	
1997.. N		
Virginia .....	2002.. 36 235	
1997.. N		
Washington .....	2002.. 202 653	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3261210	Unlaminated plastics profile shapes—Con.		
	Washington—Con.	1997.. N	
	Wisconsin .....	2002.. 159 918 1997.. N	
3261221	Plastics pipe		
	United States .....	2002.. 4 497 427 1997.. 3 805 800	
	Arizona .....	2002.. 185 494 1997.. N	
	California .....	2002.. 486 487 1997.. 386 188	
	Colorado .....	2002.. 63 316 1997.. 82 808	
	Florida .....	2002.. 145 095 1997.. 140 297	
	Georgia .....	2002.. 206 439 1997.. 188 117	
	Illinois .....	2002.. 117 777 1997.. 86 945	
	Indiana .....	2002.. 111 630 1997.. 132 681	
	Iowa .....	2002.. 106 719 1997.. 106 161	
	Kentucky .....	2002.. 146 829 1997.. 136 935	
	Massachusetts .....	2002.. 41 592 1997.. N	
	Missouri .....	2002.. 56 758 1997.. 42 452	
	Nevada .....	2002.. 77 364 1997.. 78 676	
	North Carolina .....	2002.. 318 979 1997.. 256 032	
	Ohio .....	2002.. 334 744 1997.. 207 121	
	Oklahoma .....	2002.. 85 903 1997.. 73 255	
	Oregon .....	2002.. 63 382 1997.. 98 590	
	Pennsylvania .....	2002.. 289 507 1997.. 282 300	
	Texas .....	2002.. 455 099 1997.. 397 892	
	Utah .....	2002.. 52 362 1997.. N	
	Washington .....	2002.. 39 046 1997.. 78 172	
	3261223	Plastics pipe fittings and unions	
		United States .....	2002.. 561 107 1997.. 673 433
		California .....	2002.. 14 382 1997.. 47 474
		Florida .....	2002.. 19 164 1997.. N
		Indiana .....	2002.. 79 450 1997.. N
Ohio .....		2002.. 38 522 1997.. 48 269	
Oklahoma .....		2002.. 40 899 1997.. 33 013	
Pennsylvania .....		2002.. 34 638 1997.. N	
Texas .....		2002.. 44 097 1997.. 18 186	
Washington .....		2002.. 13 398 1997.. N	
3261300		Thermosetting plastics laminates (excluding flexible packaging)	
		United States .....	2002.. 2 317 549 1997.. 3 049 414
		Alabama .....	2002.. 4 757 1997.. N
	California .....	2002.. 160 309 1997.. N	
	Colorado .....	2002.. 14 012 1997.. N	
	Connecticut .....	2002.. 15 483 1997.. N	
	Florida .....	2002.. 65 421 1997.. N	
	Georgia .....	2002.. 30 218 1997.. N	
	Illinois .....	2002.. 107 349 1997.. N	
	Indiana .....	2002.. 62 097 1997.. N	
	Kansas .....	2002.. 14 167 1997.. N	
	Kentucky .....	2002.. 48 789 1997.. N	
	Maryland .....	2002.. 6 597 1997.. N	
	Massachusetts .....	2002.. 14 036 1997.. N	
	Michigan .....	2002.. 12 378 1997.. N	
	Minnesota .....	2002.. 17 445 1997.. N	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3261300	Thermosetting plastics laminates (excluding flexible packaging)—Con.	
	Missouri .....	2002.. 28 778
		1997.. N
	New Hampshire .....	2002.. 54 437
		1997.. N
	New Jersey .....	2002.. 159 201
		1997.. N
	New York .....	2002.. 33 599
		1997.. N
	North Carolina .....	2002.. 306 937
		1997.. N
	Ohio .....	2002.. 201 937
		1997.. N
	Oregon .....	2002.. 11 753
		1997.. N
	Pennsylvania .....	2002.. 87 472
		1997.. N
South Carolina .....	2002.. 54 071	
	1997.. N	
Tennessee .....	2002.. 168 706	
	1997.. N	
Texas .....	2002.. 388 807	
	1997.. N	
Virginia .....	2002.. 109 004	
	1997.. N	
Washington .....	2002.. 11 871	
	1997.. N	
Wisconsin .....	2002.. 15 761	
	1997.. N	
3261401	Transportation polystyrene foam products (including seating, dash, and other interior-exterior components)	
	United States .....	2002.. 457 471
		1997.. 188 849
	Indiana .....	2002.. 13 700
		1997.. N
	Michigan .....	2002.. 85 050
		1997.. N
	Missouri .....	2002.. 24 875
		1997.. N
	North Carolina .....	2002.. 2 954
	1997.. N	
Ohio .....	2002.. 43 041	
	1997.. N	
3261402	Packaging, polystyrene foam products	
	United States .....	2002.. 1 804 603
		1997.. 1 282 519
	Arkansas .....	2002.. 9 252
		1997.. 12 600
	California .....	2002.. 295 506
		1997.. 194 013
	Georgia .....	2002.. 173 714
		1997.. 59 103
	Illinois .....	2002.. 173 429
		1997.. 104 944
	Indiana .....	2002.. 87 212
		1997.. 101 195
	Massachusetts .....	2002.. 20 281
		1997.. 29 004
	Missouri .....	2002.. 23 024
		1997.. 14 655
	New York .....	2002.. 137 707
		1997.. 116 156
	North Carolina .....	2002.. 66 864
	1997.. 66 561	
Ohio .....	2002.. 80 921	
	1997.. 55 241	
Tennessee .....	2002.. 34 727	
	1997.. 27 288	
Texas .....	2002.. 151 133	
	1997.. 80 120	
Wisconsin .....	2002.. 36 957	
	1997.. 22 636	
3261403	Building and construction polystyrene foam products	
	United States .....	2002.. 1 033 216
		1997.. 909 166
	California .....	2002.. 57 261
		1997.. 66 717
	Florida .....	2002.. 23 385
		1997.. 18 592
	Illinois .....	2002.. 148 352
		1997.. 156 606
	Massachusetts .....	2002.. 5 154
		1997.. N
	Michigan .....	2002.. 54 949
		1997.. 66 241
	North Carolina .....	2002.. 4 871
		1997.. 31 969
	Ohio .....	2002.. 61 612
		1997.. 101 853
Texas .....	2002.. 65 047	
	1997.. 6 916	
Virginia .....	2002.. 65 209	
	1997.. 45 766	
Wisconsin .....	2002.. 50 802	
	1997.. N	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3261404	Furniture and furnishings polystyrene foam products		
	United States .....	2002.. 33 313 1997.. 19 948	
3261405	Consumer and institutional polystyrene foam products		
	United States .....	2002.. 2 194 570 1997.. 2 000 422	
	California .....	2002.. 321 390 1997.. 234 184	
	Florida .....	2002.. 49 103 1997.. 46 199	
	Georgia .....	2002.. 296 572 1997.. 282 073	
	Illinois .....	2002.. 196 864 1997.. 141 928	
	New Jersey .....	2002.. 43 821 1997.. 47 080	
	Pennsylvania .....	2002.. 251 614 1997.. N	
	Texas .....	2002.. 241 315 1997.. 166 938	
	Washington .....	2002.. 41 023 1997.. N	
	3261406	Miscellaneous polystyrene foam products	
		United States .....	2002.. 230 332 1997.. 169 913
		California .....	2002.. 29 609 1997.. 4 179
Massachusetts .....		2002.. 13 865 1997.. N	
3261501	Transportation polyurethane foam products		
	United States .....	2002.. 1 557 017 1997.. 1 274 418	
	California .....	2002.. 44 027 1997.. 29 807	
	Illinois .....	2002.. 48 445 1997.. 34 222	
	Indiana .....	2002.. 129 848 1997.. 70 410	
	Kentucky .....	2002.. 21 786 1997.. 34 497	
	Michigan .....	2002.. 256 053 1997.. 223 298	
	New York .....	2002.. 24 305 1997.. N	
	North Carolina .....	2002.. 57 870 1997.. 77 158	
	Ohio .....	2002.. 170 316 1997.. 177 763	
	Tennessee .....	2002.. 210 839 1997.. 185 241	
	Texas .....	2002.. 4 710 1997.. 7 081	
	Wisconsin .....	2002.. 97 118 1997.. 77 127	
	3261502	Packaging polyurethane foam products	
		United States .....	2002.. 367 911 1997.. 356 025
		California .....	2002.. 55 034 1997.. 82 177
		Connecticut .....	2002.. 10 679 1997.. N
Florida .....		2002.. 3 610 1997.. 11 843	
Indiana .....		2002.. 32 262 1997.. 19 927	
Michigan .....		2002.. 6 169 1997.. 22 257	
North Carolina .....		2002.. 9 256 1997.. 8 466	
Ohio .....		2002.. 10 898 1997.. 9 917	
Pennsylvania .....		2002.. 6 058 1997.. 15 248	
Tennessee .....		2002.. 3 695 1997.. N	
Texas .....		2002.. 37 387 1997.. 23 044	
Wisconsin .....		2002.. 5 048 1997.. N	
3261503		Building and construction polyurethane foam	
		United States .....	2002.. 482 271 1997.. 481 221
		California .....	2002.. 18 577 1997.. N
		Illinois .....	2002.. 121 249 1997.. N
	New Jersey .....	2002.. 36 481 1997.. 33 205	
	Texas .....	2002.. 57 566 1997.. 63 463	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3261504	Furniture and furnishings polyurethane foam products		
	United States .....	2002 .. 2 517 882 1997 .. 2 257 718	
	California .....	2002 .. 340 864 1997 .. 345 366	
	Florida .....	2002 .. 101 545 1997 .. 38 947	
	Georgia .....	2002 .. 59 293 1997 .. 23 660	
	Indiana .....	2002 .. 212 550 1997 .. 187 711	
	Iowa .....	2002 .. 21 397 1997 .. 19 406	
	Massachusetts .....	2002 .. 33 024 1997 .. 25 608	
	Michigan .....	2002 .. 9 117 1997 .. N	
	Mississippi .....	2002 .. 291 869 1997 .. 254 516	
	North Carolina .....	2002 .. 445 335 1997 .. 440 711	
	Ohio .....	2002 .. 54 293 1997 .. N	
	Pennsylvania .....	2002 .. 96 438 1997 .. N	
	Tennessee .....	2002 .. 100 192 1997 .. 117 323	
	Texas .....	2002 .. 200 360 1997 .. 182 808	
	Wisconsin .....	2002 .. 38 719 1997 .. N	
	3261505	Consumer and institutional polyurethane foam products	
		United States .....	2002 .. 262 012 1997 .. 198 085
		California .....	2002 .. 25 147 1997 .. 12 935
		Florida .....	2002 .. 2 539 1997 .. N
Indiana .....		2002 .. 11 075 1997 .. N	
New Jersey .....		2002 .. 8 929 1997 .. N	
Pennsylvania .....		2002 .. 4 558 1997 .. 32 306	
Texas .....		2002 .. 4 104 1997 .. N	
3261506		All other miscellaneous polyurethane foam products	
	United States .....	2002 .. 480 076 1997 .. 358 130	
	California .....	2002 .. 79 306 1997 .. 46 959	
	Michigan .....	2002 .. 34 228 1997 .. 27 843	
	New York .....	2002 .. 31 897 1997 .. N	
	Pennsylvania .....	2002 .. 66 894 1997 .. N	
	Texas .....	2002 .. 27 071 1997 .. 11 497	
	3261509	Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc.	
		United States .....	2002 .. 873 167 1997 .. 955 303
California .....		2002 .. 61 004 1997 .. 68 869	
Indiana .....		2002 .. 40 001 1997 .. N	
Kentucky .....		2002 .. 53 950 1997 .. 58 521	
Michigan .....		2002 .. 72 590 1997 .. 97 180	
New York .....		2002 .. 86 942 1997 .. N	
North Carolina .....		2002 .. 63 035 1997 .. 75 500	
Ohio .....		2002 .. 68 168 1997 .. 54 960	
Pennsylvania .....		2002 .. 49 671 1997 .. N	
Texas .....		2002 .. 72 999 1997 .. 58 901	
3261600		Plastics bottles	
		United States .....	2002 .. 7 935 789 1997 .. 6 451 880
		Alabama .....	2002 .. 74 438 1997 .. N
		Arizona .....	2002 .. 93 908 1997 .. N
	Arkansas .....	2002 .. 32 843 1997 .. N	
	California .....	2002 .. 804 786 1997 .. N	
	Colorado .....	2002 .. 46 410 1997 .. N	
	Connecticut .....	2002 .. 47 046 1997 .. N	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3261600	Plastics bottles—Con.		
	Florida .....	2002.. 270 695 1997.. N	
	Georgia .....	2002.. 340 778 1997.. N	
	Illinois .....	2002.. 770 609 1997.. N	
	Indiana .....	2002.. 299 724 1997.. N	
	Iowa .....	2002.. 108 194 1997.. N	
	Kansas .....	2002.. 119 660 1997.. N	
	Kentucky .....	2002.. 175 728 1997.. N	
	Louisiana .....	2002.. 65 877 1997.. N	
	Maryland .....	2002.. 263 099 1997.. N	
	Massachusetts .....	2002.. 66 527 1997.. N	
	Michigan .....	2002.. 126 058 1997.. N	
	Minnesota .....	2002.. 19 821 1997.. N	
	Missouri .....	2002.. 194 138 1997.. N	
	New Hampshire .....	2002.. 196 928 1997.. N	
	New Jersey .....	2002.. 342 590 1997.. N	
	New York .....	2002.. 196 251 1997.. N	
	North Carolina .....	2002.. 169 156 1997.. N	
	Ohio .....	2002.. 933 870 1997.. N	
	Pennsylvania .....	2002.. 601 091 1997.. N	
	South Carolina .....	2002.. 220 238 1997.. N	
	Tennessee .....	2002.. 87 931 1997.. N	
	Texas .....	2002.. 463 423 1997.. N	
	Utah .....	2002.. 36 691 1997.. N	
	Virginia .....	2002.. 200 987 1997.. N	
	Washington .....	2002.. 111 869 1997.. N	
	West Virginia .....	2002.. 27 560 1997.. N	
	Wisconsin .....	2002.. 136 434 1997.. N	
	3261910	Plastics plumbing fixtures	
		United States .....	2002.. 3 142 701 1997.. 2 249 286
		Alabama .....	2002.. 161 611 1997.. N
		Arizona .....	2002.. 73 818 1997.. N
		Arkansas .....	2002.. 30 102 1997.. N
California .....		2002.. 819 405 1997.. N	
Florida .....		2002.. 96 563 1997.. N	
Georgia .....		2002.. 117 934 1997.. N	
Idaho .....		2002.. 27 096 1997.. N	
Illinois .....		2002.. 60 571 1997.. N	
Indiana .....		2002.. 108 546 1997.. N	
Iowa .....		2002.. 27 234 1997.. N	
Kentucky .....		2002.. 50 532 1997.. N	
Louisiana .....		2002.. 10 739 1997.. N	
Maryland .....		2002.. 6 465 1997.. N	
Massachusetts .....		2002.. 6 200 1997.. N	
Michigan .....		2002.. 155 604 1997.. N	
Minnesota .....		2002.. 38 603 1997.. N	
Mississippi .....		2002.. 19 230 1997.. N	
Missouri .....		2002.. 62 520 1997.. N	
New York .....		2002.. 12 058 1997.. N	
North Carolina .....		2002.. 25 322 1997.. N	
Ohio .....		2002.. 161 580 1997.. N	
Oklahoma .....		2002.. 21 643	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3261910	Plastics plumbing fixtures—Con.		
	Oklahoma—Con.		
	Oregon .....	1997.. N 2002.. 41 938	
	Pennsylvania .....	1997.. N 2002.. 74 894	
	South Carolina .....	1997.. N 2002.. 40 528	
	Tennessee .....	1997.. N 2002.. 199 458	
	Texas .....	1997.. N 2002.. 303 791	
	Utah .....	1997.. N 2002.. 44 020	
	Virginia .....	1997.. N 2002.. 74 820	
	Washington .....	1997.. N 2002.. 61 258	
	Wisconsin .....	1997.. N 2002.. 25 254 1997.. N	
3261920	Resilient floor coverings		
	United States .....	2002.. 1 529 385 1997.. 1 647 203	
	California .....	2002.. 105 600 1997.. N	
	New York .....	2002.. 69 624 1997.. N	
	Ohio .....	2002.. 38 999 1997.. N	
3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics)		
	United States .....	2002.. 15 297 665 1997.. 12 906 473	
	Alabama .....	2002.. 144 446 1997.. 35 595	
	Arkansas .....	2002.. 50 293 1997.. 71 686	
	California .....	2002.. 702 576 1997.. 529 013	
	Connecticut .....	2002.. 29 816 1997.. 53 072	
	Florida .....	2002.. 132 258 1997.. 140 217	
	Georgia .....	2002.. 192 071 1997.. 163 282	
	Illinois .....	2002.. 617 310 1997.. 699 680	
	Indiana .....	2002.. 1 095 333 1997.. 1 074 674	
	Iowa .....	2002.. 67 387 1997.. 131 980	
	Kansas .....	2002.. 23 110 1997.. 39 170	
	Kentucky .....	2002.. 427 937 1997.. 374 183	
	Maryland .....	2002.. 59 167 1997.. 36 085	
	Massachusetts .....	2002.. 84 542 1997.. 150 060	
	Michigan .....	2002.. 5 166 701 1997.. 4 224 059	
	Minnesota .....	2002.. 195 343 1997.. 102 415	
	Missouri .....	2002.. 357 854 1997.. 264 605	
	Nebraska .....	2002.. 47 813 1997.. 45 394	
	New Jersey .....	2002.. 71 751 1997.. 14 502	
	New York .....	2002.. 191 726 1997.. 212 731	
	North Carolina .....	2002.. 420 081 1997.. 198 462	
	Ohio .....	2002.. 2 174 527 1997.. 1 929 303	
	Pennsylvania .....	2002.. 288 608 1997.. 331 560	
	South Carolina .....	2002.. 488 336 1997.. 136 715	
	Tennessee .....	2002.. 511 393 1997.. 603 848	
	Texas .....	2002.. 399 697 1997.. 255 664	
	Washington .....	2002.. 65 714 1997.. 71 121	
	Wisconsin .....	2002.. 508 377 1997.. 246 454	
	3261992	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics)	
		United States .....	2002.. 4 426 454 1997.. 5 285 347
		Arizona .....	2002.. 91 530 1997.. 127 065
		Arkansas .....	2002.. 123 622 1997.. 102 368
		California .....	2002.. 359 793 1997.. 747 810
		Colorado .....	2002.. 29 755 1997.. 161 131

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3261992	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics)—Con.	
	Connecticut .....	2002 .. 57 972
	.....	1997 .. 94 167
	Florida .....	2002 .. 15 648
	.....	1997 .. 146 080
	Georgia .....	2002 .. 68 697
	.....	1997 .. 103 350
	Idaho .....	2002 .. 10 568
	.....	1997 .. N
	Illinois .....	2002 .. 430 408
	.....	1997 .. 430 097
	Indiana .....	2002 .. 305 375
	.....	1997 .. 356 317
	Iowa .....	2002 .. 64 283
	.....	1997 .. 66 381
	Kansas .....	2002 .. 5 353
	.....	1997 .. 10 872
	Kentucky .....	2002 .. 198 849
	.....	1997 .. 165 792
	Maryland .....	2002 .. 14 195
	.....	1997 .. 24 219
	Massachusetts .....	2002 .. 155 630
	.....	1997 .. 144 214
	Michigan .....	2002 .. 210 075
	.....	1997 .. 193 515
	Minnesota .....	2002 .. 111 518
	.....	1997 .. 153 198
	Mississippi .....	2002 .. 14 010
	.....	1997 .. 6 284
	Missouri .....	2002 .. 38 913
	.....	1997 .. 38 021
	Nebraska .....	2002 .. 17 473
	.....	1997 .. N
	New Jersey .....	2002 .. 177 448
	.....	1997 .. 142 880
	New York .....	2002 .. 185 300
	.....	1997 .. 155 012
	North Carolina .....	2002 .. 84 221
	.....	1997 .. 203 218
	Ohio .....	2002 .. 476 284
	.....	1997 .. 351 733
Oklahoma .....	2002 .. 12 137	
.....	1997 .. 32 779	
Oregon .....	2002 .. 54 152	
.....	1997 .. 83 942	
Pennsylvania .....	2002 .. 165 739	
.....	1997 .. 239 523	
Rhode Island .....	2002 .. 16 062	
.....	1997 .. 51 758	
South Carolina .....	2002 .. 75 419	
.....	1997 .. 119 213	
Tennessee .....	2002 .. 118 487	
.....	1997 .. 132 001	
Texas .....	2002 .. 259 836	
.....	1997 .. 243 015	
Utah .....	2002 .. 20 116	
.....	1997 .. N	
Virginia .....	2002 .. 31 754	
.....	1997 .. 37 952	
Washington .....	2002 .. 27 772	
.....	1997 .. 74 723	
Wisconsin .....	2002 .. 318 334	
.....	1997 .. 231 465	
3261993	Industrial machinery plastics products, excluding foam (including gears, bearings, bushings, cams, and other components)	
	United States .....	2002 .. 1 362 635
	.....	1997 .. 1 275 735
	Colorado .....	2002 .. 11 278
	.....	1997 .. 25 544
	Connecticut .....	2002 .. 28 408
	.....	1997 .. 34 894
	Georgia .....	2002 .. 15 479
	.....	1997 .. 2 613
	Iowa .....	2002 .. 55 504
	.....	1997 .. 47 627
	Massachusetts .....	2002 .. 30 215
	.....	1997 .. 36 369
	Minnesota .....	2002 .. 240 813
	.....	1997 .. 34 447
	New Jersey .....	2002 .. 28 633
	.....	1997 .. 80 326
	New York .....	2002 .. 59 603
	.....	1997 .. 27 082
	North Carolina .....	2002 .. 35 949
.....	1997 .. 48 082	
Oregon .....	2002 .. 18 711	
.....	1997 .. 7 939	
Pennsylvania .....	2002 .. 63 654	
.....	1997 .. 85 294	
Tennessee .....	2002 .. 3 587	
.....	1997 .. 2 941	
Wisconsin .....	2002 .. 82 261	
.....	1997 .. 89 501	
3261994	Plastics packaging (excluding film and sheet, foam, and bottles)	
	United States .....	2002 .. 9 073 403
	.....	1997 .. 8 369 157
	Alabama .....	2002 .. 72 304
	.....	1997 .. 87 934
Arizona .....	2002 .. 83 507	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3261994	Plastics packaging (excluding film and sheet, foam, and bottles)—Con.		
	Arizona—Con.		
	Arkansas .....	1997 .. 58 825 2002 .. 155 310	
	California .....	1997 .. 69 404 2002 .. 619 032	
	Colorado .....	1997 .. 780 122 2002 .. 55 318	
	Connecticut .....	1997 .. 86 743 2002 .. 238 720	
	Florida .....	1997 .. 130 202 2002 .. 104 042	
	Georgia .....	1997 .. 100 789 2002 .. 362 996	
	Illinois .....	1997 .. 235 230 2002 .. 1 001 479	
	Indiana .....	1997 .. 930 274 2002 .. 712 486	
	Iowa .....	1997 .. 513 932 2002 .. 91 309	
	Kansas .....	1997 .. 120 427 2002 .. 63 575	
	Kentucky .....	1997 .. 22 068 2002 .. 331 962	
	Louisiana .....	1997 .. 243 251 2002 .. 16 506	
	Maryland .....	1997 .. 33 099 2002 .. 105 947	
	Massachusetts .....	1997 .. 126 792 2002 .. 166 731	
	Michigan .....	1997 .. 223 064 2002 .. 464 306	
	Minnesota .....	1997 .. 358 000 2002 .. 157 827	
	Missouri .....	1997 .. 317 954 2002 .. 230 647	
	Nevada .....	1997 .. 251 437 2002 .. 58 649	
	New Hampshire .....	1997 .. 71 630 2002 .. 70 462	
	New Jersey .....	1997 .. N 2002 .. 438 627	
	New York .....	1997 .. 473 303 2002 .. 277 089	
	North Carolina .....	1997 .. 280 299 2002 .. 343 444	
	Ohio .....	1997 .. 272 339 2002 .. 673 417	
	Oklahoma .....	1997 .. 506 508 2002 .. 76 115	
	Oregon .....	1997 .. 55 382 2002 .. 89 265	
	Pennsylvania .....	1997 .. 36 676 2002 .. 735 946	
	Rhode Island .....	1997 .. 579 269 2002 .. 124 945	
	South Carolina .....	1997 .. 125 964 2002 .. 125 807	
	Tennessee .....	1997 .. 111 505 2002 .. 74 822	
	Texas .....	1997 .. 58 622 2002 .. 203 802	
	Utah .....	1997 .. 282 659 2002 .. 10 154	
	Virginia .....	1997 .. N 2002 .. 165 327	
	Washington .....	1997 .. 274 572 2002 .. 35 297	
	Wisconsin .....	1997 .. 22 320 2002 .. 355 808	
		1997 .. 292 676	
	3261995	Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups)	
		United States .....	2002 .. 2 131 191 1997 .. 1 676 248
		California .....	2002 .. 353 263 1997 .. 187 314
		Georgia .....	2002 .. 166 199 1997 .. N
		Illinois .....	2002 .. 205 318 1997 .. 227 449
		Massachusetts .....	2002 .. 195 463 1997 .. 150 266
		Mississippi .....	2002 .. 13 838 1997 .. 20 117
		New York .....	2002 .. 47 670 1997 .. 53 095
		Pennsylvania .....	2002 .. 193 574 1997 .. 77 101
		Texas .....	2002 .. 60 634 1997 .. 105 790
Wisconsin .....		2002 .. 36 980 1997 .. 54 319	
3261998		Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)	
		United States .....	2002 .. 9 409 251 1997 .. 6 995 294
		Alabama .....	2002 .. 191 016 1997 .. 49 829
	Arizona .....	2002 .. 134 876	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)—Con.	
	Arizona—Con.	
		1997.. 43 455
	Arkansas .....	2002.. 43 552
		1997.. 32 888
	California .....	2002.. 647 413
		1997.. 335 804
	Colorado .....	2002.. 66 303
		1997.. 32 359
	Connecticut .....	2002.. 41 792
		1997.. 71 042
	Delaware .....	2002.. 34 781
		1997.. 17 705
	Florida .....	2002.. 99 053
		1997.. 125 768
	Georgia .....	2002.. 327 171
		1997.. 164 853
	Idaho .....	2002.. 74 022
		1997.. N
	Illinois .....	2002.. 392 819
		1997.. 235 065
	Indiana .....	2002.. 176 960
		1997.. 177 557
	Iowa .....	2002.. 174 342
		1997.. 163 782
	Kansas .....	2002.. 247 541
		1997.. N
	Kentucky .....	2002.. 119 108
		1997.. 76 158
	Louisiana .....	2002.. 8 949
		1997.. 8 409
	Maryland .....	2002.. 270 368
		1997.. 177 482
	Massachusetts .....	2002.. 140 605
		1997.. 82 704
	Michigan .....	2002.. 428 066
		1997.. 451 210
	Minnesota .....	2002.. 162 414
		1997.. 96 495
	Mississippi .....	2002.. 186 956
		1997.. 168 307
	Missouri .....	2002.. 106 187
		1997.. 134 496
	Nebraska .....	2002.. 92 850
		1997.. 27 606
	Nevada .....	2002.. 59 843
		1997.. 13 869
	New Hampshire .....	2002.. 73 987
		1997.. 65 430
	New Jersey .....	2002.. 555 506
		1997.. 400 869
New York .....	2002.. 181 374	
	1997.. 183 472	
North Carolina .....	2002.. 401 973	
	1997.. 295 583	
Ohio .....	2002.. 782 543	
	1997.. 509 957	
Oklahoma .....	2002.. 25 809	
	1997.. 24 866	
Oregon .....	2002.. 160 396	
	1997.. 118 651	
Pennsylvania .....	2002.. 813 955	
	1997.. 791 974	
Rhode Island .....	2002.. 24 535	
	1997.. 16 020	
South Dakota .....	2002.. 15 916	
	1997.. N	
Tennessee .....	2002.. 293 826	
	1997.. 243 387	
Texas .....	2002.. 489 142	
	1997.. 478 697	
Utah .....	2002.. 86 518	
	1997.. 68 352	
Vermont .....	2002.. 24 491	
	1997.. N	
Virginia .....	2002.. 453 832	
	1997.. 229 536	
Washington .....	2002.. 294 583	
	1997.. 189 911	
Wisconsin .....	2002.. 193 409	
	1997.. 199 559	
3261999	Plastics shoe products, including taps, soling slabs, and quarterlinings	
	United States .....	2002.. 145 974
	1997.. 189 826	
326199A	All other reinforced and fiberglass plastics products	
	United States .....	2002.. 5 348 806
		1997.. 4 960 629
	Alabama .....	2002.. 181 846
		1997.. 159 231
	Arizona .....	2002.. 48 889
		1997.. 57 882
	Arkansas .....	2002.. 232 872
		1997.. 179 558
	California .....	2002.. 646 868
		1997.. 584 860
	Colorado .....	2002.. 50 082
		1997.. 16 056
	Florida .....	2002.. 181 948

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
326199A	All other reinforced and fiberglass plastics products—Con.		
	Florida—Con.		
	Georgia .....	1997.. 71 126 2002.. 85 789	
	Illinois .....	1997.. 89 353 2002.. 306 947	
	Indiana .....	1997.. 309 191 2002.. 478 526	
	Kansas .....	1997.. 531 053 2002.. 20 444	
	Louisiana .....	1997.. 32 960 2002.. 48 290	
	Michigan .....	1997.. 12 723 2002.. 335 772	
	Minnesota .....	1997.. 205 820 2002.. 65 584	
	New Hampshire .....	1997.. 181 408 2002.. 16 269	
	New York .....	1997.. N 2002.. 120 772	
	North Carolina .....	1997.. 175 943 2002.. 151 903	
	Ohio .....	1997.. 61 397 2002.. 467 783	
	Oklahoma .....	1997.. 525 405 2002.. 14 140	
	Pennsylvania .....	1997.. 26 921 2002.. 448 579	
	South Carolina .....	1997.. 300 017 2002.. 158 177	
	Tennessee .....	1997.. 71 879 2002.. 152 892	
	Texas .....	1997.. 85 309 2002.. 332 670	
	Utah .....	1997.. 316 985 2002.. 4 121	
	Virginia .....	1997.. 4 027 2002.. 199 871	
	Washington .....	1997.. 164 432 2002.. 116 786	
	Wisconsin .....	1997.. 71 801 2002.. 137 607	
		1997.. 164 600	
	326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)	
		United States .....	2002.. 16 344 984 N
		Alabama .....	2002.. 186 875 1997.. N
		Arizona .....	2002.. 168 478 1997.. N
Arkansas .....		2002.. 78 363 1997.. N	
California .....		2002.. 1 802 835 1997.. N	
Colorado .....		2002.. 90 396 1997.. N	
Connecticut .....		2002.. 150 360 1997.. N	
Florida .....		2002.. 295 094 1997.. N	
Georgia .....		2002.. 267 045 1997.. N	
Idaho .....		2002.. 4 393 1997.. N	
Illinois .....		2002.. 1 924 087 1997.. N	
Indiana .....		2002.. 491 392 1997.. N	
Iowa .....		2002.. 296 108 1997.. N	
Kansas .....		2002.. 381 968 1997.. N	
Kentucky .....		2002.. 225 077 1997.. N	
Louisiana .....		2002.. 6 686 1997.. N	
Maryland .....		2002.. 366 831 1997.. N	
Massachusetts .....		2002.. 851 321 1997.. N	
Michigan .....		2002.. 566 205 1997.. N	
Minnesota .....		2002.. 456 730 1997.. N	
Mississippi .....		2002.. 115 151 1997.. N	
Missouri .....		2002.. 352 251 1997.. N	
Nebraska .....		2002.. 86 406 1997.. N	
Nevada .....		2002.. 13 769 1997.. N	
New Hampshire .....		2002.. 26 705 1997.. N	
New Jersey .....		2002.. 342 969 1997.. N	
New York .....		2002.. 643 266 1997.. N	
North Carolina .....		2002.. 616 662 1997.. N	
Ohio .....		2002.. 1 348 314	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated)—Con.	
	Ohio—Con.	
	Oklahoma .....	1997.. N 2002.. 138 442
	Oregon .....	1997.. N 2002.. 42 017
	Pennsylvania .....	1997.. N 2002.. 631 501
	Rhode Island .....	1997.. N 2002.. 19 105
	South Carolina .....	1997.. N 2002.. 222 805
	Tennessee .....	1997.. N 2002.. 611 104
	Texas .....	1997.. N 2002.. 884 971
	Utah .....	1997.. N 2002.. 18 217
	Vermont .....	1997.. N 2002.. 35 964
	Virginia .....	1997.. N 2002.. 492 831
	Washington .....	1997.. N 2002.. 291 264
	Wisconsin .....	1997.. N 2002.. 482 046
	1997.. N	
3262111	Passenger car pneumatic tires (casings)	
	United States .....	2002.. 6 240 162 1997.. 6 677 438
	North Carolina .....	2002.. 1 100 005 1997.. 1 251 084
3262113	Truck and bus (including off-the-highway pneumatic tires)	
	United States .....	2002.. 4 440 885 1997.. 5 157 561
	Ohio .....	2002.. 337 593 1997.. N
3262117	Tractor and implement (farm and industrial) pneumatic tires	
	United States .....	2002.. 492 224 1997.. 807 777
3262119	Industrial and utility pneumatic tires (including garden)	
	United States .....	2002.. 234 814 1997.. 190 015
326211B	Other pneumatic tires and casing including motor bike, motorcycle, moped, bicycle, aircraft, and mobile home	
	United States .....	2002.. 237 739 1997.. 200 260
326211D	Solid and semipneumatic tires	
	United States .....	2002.. D 1997.. 169 779
326211F	Inner tubes	
	United States .....	2002.. D 1997.. 144 418
326211H	Tread rubber, tire sundries, and repair materials	
	United States .....	2002.. 721 242 1997.. 870 252
	Ohio .....	2002.. 32 446 1997.. N
3262120	Tire rebuilding and retreading	
	United States .....	2002.. 854 104 1997.. 785 747
	Alabama .....	2002.. 30 124 1997.. N
	Arizona .....	2002.. 11 671 1997.. N
	Arkansas .....	2002.. 13 218 1997.. N
	California .....	2002.. 81 723 1997.. N
	Colorado .....	2002.. 13 576 1997.. N
	Connecticut .....	2002.. 3 714 1997.. N
	Florida .....	2002.. 38 173 1997.. N
	Georgia .....	2002.. 46 588 1997.. N
	Illinois .....	2002.. 27 098 1997.. N
	Indiana .....	2002.. 29 440 1997.. N
	Iowa .....	2002.. 10 309 1997.. N
	Kentucky .....	2002.. 14 604 1997.. N
	Louisiana .....	2002.. 14 240 1997.. N

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3262120	Tire rebuilding and retreading—Con.	
	Maine ..... 2002 ..	7 196
	..... 1997 ..	N
	Maryland ..... 2002 ..	7 326
	..... 1997 ..	N
	Michigan ..... 2002 ..	15 996
	..... 1997 ..	N
	Minnesota ..... 2002 ..	10 561
	..... 1997 ..	N
	Mississippi ..... 2002 ..	13 335
	..... 1997 ..	N
	Missouri ..... 2002 ..	41 857
	..... 1997 ..	N
	Montana ..... 2002 ..	12 390
	..... 1997 ..	N
	Nebraska ..... 2002 ..	16 948
	..... 1997 ..	N
	New Jersey ..... 2002 ..	23 185
	..... 1997 ..	N
	New Mexico ..... 2002 ..	2 340
	..... 1997 ..	N
	New York ..... 2002 ..	14 868
	..... 1997 ..	N
	North Carolina ..... 2002 ..	39 119
	..... 1997 ..	N
	Ohio ..... 2002 ..	37 990
	..... 1997 ..	N
Oklahoma ..... 2002 ..	9 663	
..... 1997 ..	N	
Oregon ..... 2002 ..	39 239	
..... 1997 ..	N	
Pennsylvania ..... 2002 ..	39 116	
..... 1997 ..	N	
South Carolina ..... 2002 ..	15 923	
..... 1997 ..	N	
Tennessee ..... 2002 ..	26 322	
..... 1997 ..	N	
Texas ..... 2002 ..	61 020	
..... 1997 ..	N	
Utah ..... 2002 ..	7 037	
..... 1997 ..	N	
Virginia ..... 2002 ..	23 048	
..... 1997 ..	N	
Washington ..... 2002 ..	9 893	
..... 1997 ..	N	
Wisconsin ..... 2002 ..	7 369	
..... 1997 ..	N	
3262201	Flat rubber and plastics belts and belting	
	United States ..... 2002 ..	645 137
	..... 1997 ..	611 106
	Illinois ..... 2002 ..	24 474
	..... 1997 ..	N
Pennsylvania ..... 2002 ..	13 813	
..... 1997 ..	N	
3262202	Rubber and plastics transmission belts and belting other than flat	
	United States ..... 2002 ..	768 744
	..... 1997 ..	813 666
	Kansas ..... 2002 ..	18 217
	..... 1997 ..	N
South Carolina ..... 2002 ..	150 441	
..... 1997 ..	194 353	
3262203	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon)	
	United States ..... 2002 ..	835 074
	..... 1997 ..	948 356
	Ohio ..... 2002 ..	197 348
..... 1997 ..	168 335	
3262204	Industrial rubber and plastics hose without fittings (acid and chemical handling, food and beverage, petroleum curb pump, dock, transfer, and other industrial hose)	
	United States ..... 2002 ..	547 429
	..... 1997 ..	453 363
	California ..... 2002 ..	46 172
	..... 1997 ..	29 639
	Illinois ..... 2002 ..	34 214
	..... 1997 ..	32 905
	Massachusetts ..... 2002 ..	22 464
	..... 1997 ..	N
	North Carolina ..... 2002 ..	48 007
	..... 1997 ..	N
Ohio ..... 2002 ..	87 967	
..... 1997 ..	48 239	
Texas ..... 2002 ..	16 852	
..... 1997 ..	N	
3262205	Rubber and plastics water hose (including fire, irrigation, water suction-discharge, and other water hose)	
	United States ..... 2002 ..	170 411
	..... 1997 ..	136 684
	California ..... 2002 ..	47 574
..... 1997 ..	42 568	
3262206	Rubber and plastics garden hose (with or without fittings)	
	United States ..... 2002 ..	349 074
	..... 1997 ..	229 985
	California ..... 2002 ..	33 599
..... 1997 ..	N	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3262207	Rubber and plastics inner tube type air hose (other than pneumatic power transfer)	
	United States .....	2002.. 84 063
	Ohio .....	1997.. 108 426
	Ohio .....	2002.. 30 433
		1997.. 19 530
3262208	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.)	
	United States .....	2002.. 332 285
	Ohio .....	1997.. 496 526
	Ohio .....	2002.. 35 936
		1997.. N
3262911	Molded rubber mechanical goods automotive	
	United States .....	2002.. 3 132 736
	California .....	1997.. 2 288 382
	California .....	2002.. 11 313
	Georgia .....	1997.. 7 447
	Georgia .....	2002.. 178 438
	Illinois .....	1997.. 66 333
	Illinois .....	2002.. 98 781
	Indiana .....	1997.. 90 541
	Indiana .....	2002.. 778 384
	Kentucky .....	1997.. 701 388
	Kentucky .....	2002.. 92 470
	Michigan .....	1997.. 59 548
	Michigan .....	2002.. 383 212
	Minnesota .....	1997.. 362 120
	Minnesota .....	2002.. 7 956
	Ohio .....	1997.. 14 141
Ohio .....	2002.. 932 088	
Tennessee .....	1997.. 599 800	
Tennessee .....	2002.. 198 316	
Virginia .....	1997.. N	
Virginia .....	2002.. 53 361	
Virginia .....	1997.. 18 680	
3262912	Molded rubber mechanical goods, transportation (excluding automotive) and off-highway machinery and equipment	
	United States .....	2002.. 630 616
	California .....	1997.. 547 974
	California .....	2002.. 24 810
	Michigan .....	1997.. 13 353
	Michigan .....	2002.. 2 915
	Minnesota .....	1997.. 14 388
	Minnesota .....	2002.. 6 680
	Ohio .....	1997.. 6 906
	Ohio .....	2002.. 240 976
	Wisconsin .....	1997.. 86 752
Wisconsin .....	2002.. 13 439	
Wisconsin .....	1997.. N	
3262913	Other molded rubber mechanical goods	
	United States .....	2002.. 1 066 940
	California .....	1997.. 1 240 962
	California .....	2002.. 212 375
	Connecticut .....	1997.. 159 279
	Connecticut .....	2002.. 12 255
	Georgia .....	1997.. 15 127
	Georgia .....	2002.. 20 654
	Illinois .....	1997.. 20 563
	Illinois .....	2002.. 55 232
	Indiana .....	1997.. 35 648
	Indiana .....	2002.. 110 635
	Massachusetts .....	1997.. 96 739
	Massachusetts .....	2002.. 61 797
	Michigan .....	1997.. 22 527
	Michigan .....	2002.. 35 505
	Minnesota .....	1997.. 30 394
	Minnesota .....	2002.. 29 331
	New Jersey .....	1997.. 57 970
	New Jersey .....	2002.. 21 934
New York .....	1997.. 66 450	
New York .....	2002.. 6 845	
North Carolina .....	1997.. 6 871	
North Carolina .....	2002.. 92 831	
Ohio .....	1997.. 8 851	
Ohio .....	2002.. 105 545	
Oregon .....	1997.. 182 153	
Oregon .....	2002.. 3 492	
Texas .....	1997.. 8 504	
Texas .....	2002.. 31 314	
Wisconsin .....	1997.. 79 475	
Wisconsin .....	2002.. 63 216	
Wisconsin .....	1997.. 75 849	
3262914	Extruded rubber mechanical goods, automotive, excluding tubing	
	United States .....	2002.. 1 116 982
	Michigan .....	1997.. 1 225 339
	Michigan .....	2002.. 72 862
	North Carolina .....	1997.. 85 678
	North Carolina .....	2002.. 221 805
Ohio .....	1997.. N	
Ohio .....	2002.. 243 161	
Ohio .....	1997.. 277 965	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3262915	Other extruded rubber mechanical goods (excluding automotive)		
	United States .....	2002.. 412 021 1997.. 528 983	
	California .....	2002.. 39 341 1997.. 34 183	
	Connecticut .....	2002.. 11 634 1997.. N	
	Indiana .....	2002.. 14 230 1997.. 15 723	
	Michigan .....	2002.. 23 602 1997.. 38 262	
	New York .....	2002.. 12 236 1997.. N	
	Ohio .....	2002.. 138 640 1997.. 221 113	
	Oregon .....	2002.. 13 928 1997.. 10 115	
	Tennessee .....	2002.. 61 898 1997.. N	
	Texas .....	2002.. 28 877 1997.. 19 589	
	3262916	Lathe-cut rubber mechanical goods, automotive and transportation (including on- and off-road, and gasoline and diesel equipment)	
		United States .....	2002.. 53 607 1997.. 104 622
	3262917	Other lathe-cut rubber mechanical goods (excluding automotive and transportation)	
United States .....		2002.. 84 208 1997.. 87 325	
3262991	Rubber sponge, expanded and foam rubber products		
	United States .....	2002.. 785 221 1997.. 1 183 712	
	Connecticut .....	2002.. 48 979 1997.. 78 578	
	Georgia .....	2002.. 62 569 1997.. 71 403	
	Illinois .....	2002.. 52 995 1997.. 63 338	
	Indiana .....	2002.. 88 055 1997.. 185 897	
	Michigan .....	2002.. 39 004 1997.. 38 297	
	Missouri .....	2002.. 14 772 1997.. 56 023	
	North Carolina .....	2002.. 104 658 1997.. 89 692	
	Ohio .....	2002.. 117 061 1997.. 90 143	
	Pennsylvania .....	2002.. 30 172 1997.. 48 237	
	Tennessee .....	2002.. 17 890 1997.. N	
	Texas .....	2002.. 22 698 1997.. 26 244	
	3262993	Rubber floor and wall coverings	
		United States .....	2002.. 634 381 1997.. 717 181
		California .....	2002.. 62 941 1997.. 108 859
		Georgia .....	2002.. 80 335 1997.. 67 103
Ohio .....		2002.. 280 909 1997.. 318 848	
Pennsylvania .....		2002.. 19 063 1997.. N	
Tennessee .....		2002.. 43 394 1997.. N	
3262994		Shoe products, rubber, elastomer resin	
	United States .....	2002.. 75 309 1997.. 131 345	
3262996	Rubber compounds or mixtures for sale or interplant transfer		
	United States .....	2002.. 1 767 699 1997.. 1 549 610	
	Alabama .....	2002.. 106 131 1997.. N	
	California .....	2002.. 37 675 1997.. 83 119	
	Georgia .....	2002.. 191 581 1997.. 182 450	
	Indiana .....	2002.. 30 615 1997.. N	
	Massachusetts .....	2002.. 36 541 1997.. 47 500	
	North Carolina .....	2002.. 58 486 1997.. 21 508	
	Ohio .....	2002.. 269 300 1997.. 268 213	
	Tennessee .....	2002.. 248 292 1997.. 260 890	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3262997	All other industrial rubber products		
	United States .....	2002 .. 1 309 842 1997 .. 1 753 580	
	California .....	2002 .. 53 530 1997 .. 81 114	
	Florida .....	2002 .. 12 401 1997 .. 33 943	
	Georgia .....	2002 .. 54 628 1997 .. 87 457	
	Illinois .....	2002 .. 96 275 1997 .. 125 798	
	Indiana .....	2002 .. 16 737 1997 .. 18 149	
	Maryland .....	2002 .. 22 828 1997 .. 27 697	
	Massachusetts .....	2002 .. 24 847 1997 .. 95 139	
	Michigan .....	2002 .. 13 306 1997 .. 49 866	
	Minnesota .....	2002 .. 34 230 1997 .. 46 413	
	Missouri .....	2002 .. 9 623 1997 .. 10 579	
	New York .....	2002 .. 20 862 1997 .. 14 417	
	North Carolina .....	2002 .. 75 340 1997 .. 119 642	
	Pennsylvania .....	2002 .. 134 351 1997 .. 132 938	
	Tennessee .....	2002 .. 29 894 1997 .. 69 196	
	Texas .....	2002 .. 45 045 1997 .. 41 782	
	Washington .....	2002 .. 12 801 1997 .. 18 147	
	Wisconsin .....	2002 .. 64 938 1997 .. 100 447	
	326299A	Rubber druggist and medical sundries, excluding household gloves	
		United States .....	2002 .. 471 268 1997 .. N
		New Jersey .....	2002 .. 151 314 1997 .. N
	326299B	All other miscellaneous rubber goods	
United States .....		2002 .. 625 695 1997 .. N	
California .....		2002 .. 43 389 1997 .. N	
Florida .....		2002 .. 31 326 1997 .. N	
Illinois .....		2002 .. 72 970 1997 .. N	
Ohio .....		2002 .. 112 990 1997 .. N	
Texas .....		2002 .. 50 005 1997 .. N	
Wisconsin .....		2002 .. 7 377 1997 .. N	
3271110		Vitreous plumbing fixtures	
	United States .....	2002 .. 979 448 1997 .. 984 343	
	California .....	2002 .. 22 243 1997 .. N	
	Ohio .....	2002 .. 248 046 1997 .. N	
	3271121	Vitreous china, porcelain, and earthenware (semivitreous) table and kitchenware (including household, hotel, or commercial uses) (including bone and feldspar)	
United States .....		2002 .. 327 599 1997 .. 418 642	
California .....		2002 .. 10 842 1997 .. 27 032	
3271125		All other pottery products (including china decorated for the trade)	
	United States .....	2002 .. 496 515 1997 .. N	
	California .....	2002 .. 86 151 1997 .. N	
	Colorado .....	2002 .. 15 691 1997 .. N	
	Georgia .....	2002 .. 4 516 1997 .. N	
	Massachusetts .....	2002 .. 10 140 1997 .. N	
	Michigan .....	2002 .. 3 414 1997 .. N	
	Minnesota .....	2002 .. 3 887 1997 .. N	
	Pennsylvania .....	2002 .. 57 219 1997 .. N	
	Texas .....	2002 .. 43 922 1997 .. N	
	Vermont .....	2002 .. 3 057 1997 .. N	
	3271130	Porcelain, steatite, and other ceramic electrical products	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3271130	Porcelain, steatite, and other ceramic electrical products—Con.	
	United States .....	2002 .. 1 065 065
		1997 .. 1 208 806
	California .....	2002 .. 93 919
		1997 .. N
	Illinois .....	2002 .. 51 311
		1997 .. N
	Massachusetts .....	2002 .. 57 149
		1997 .. N
	Michigan .....	2002 .. 14 611
		1997 .. N
	New Hampshire .....	2002 .. 11 911
		1997 .. N
	New Jersey .....	2002 .. 14 537
		1997 .. N
New York .....	2002 .. 229 929	
	1997 .. N	
Ohio .....	2002 .. 88 485	
	1997 .. N	
Pennsylvania .....	2002 .. 78 118	
	1997 .. N	
Tennessee .....	2002 .. 76 918	
	1997 .. N	
Texas .....	2002 .. 21 331	
	1997 .. N	
3271210	Brick and structural clay tile	
	United States .....	2002 .. 1 762 476
		1997 .. 1 336 425
	Alabama .....	2002 .. 105 283
		1997 .. N
	California .....	2002 .. 68 777
		1997 .. N
	Colorado .....	2002 .. 49 581
		1997 .. N
	Georgia .....	2002 .. 116 753
		1997 .. N
	Illinois .....	2002 .. 7 319
		1997 .. N
	Kentucky .....	2002 .. 36 801
		1997 .. N
	Louisiana .....	2002 .. 14 473
		1997 .. N
	Mississippi .....	2002 .. 49 157
		1997 .. N
	North Carolina .....	2002 .. 243 907
	1997 .. N	
Ohio .....	2002 .. 114 893	
	1997 .. N	
Oklahoma .....	2002 .. 62 360	
	1997 .. N	
Pennsylvania .....	2002 .. 96 173	
	1997 .. N	
South Carolina .....	2002 .. 123 831	
	1997 .. N	
Texas .....	2002 .. 201 540	
	1997 .. N	
Virginia .....	2002 .. 81 435	
	1997 .. N	
3271220	Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile)	
	United States .....	2002 .. 905 585
		1997 .. 804 762
	Arizona .....	2002 .. 6 366
		1997 .. N
	California .....	2002 .. 59 988
		1997 .. N
	Colorado .....	2002 .. 2 411
		1997 .. N
	Florida .....	2002 .. 28 729
		1997 .. N
	Indiana .....	2002 .. 3 368
		1997 .. N
	Maryland .....	2002 .. 2 415
		1997 .. N
	Michigan .....	2002 .. 3 171
		1997 .. N
	New Mexico .....	2002 .. 3 738
		1997 .. N
	Ohio .....	2002 .. 64 935
	1997 .. N	
Oregon .....	2002 .. 6 725	
	1997 .. N	
South Carolina .....	2002 .. 2 581	
	1997 .. N	
Tennessee .....	2002 .. 131 853	
	1997 .. N	
Texas .....	2002 .. 277 056	
	1997 .. N	
Utah .....	2002 .. 4 455	
	1997 .. N	
Washington .....	2002 .. 8 280	
	1997 .. N	
3271231	Vitrified clay sewer pipe and fittings	
	United States .....	2002 .. 50 407
	1997 .. 46 531	
3271234	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3271234	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories—Con.	
	United States .....	2002.. 134 452
	1997..	63 929
	Florida .....	2002.. 9 323
	1997..	N
3271240	Clay refractories	
	United States .....	2002.. 842 358
	1997..	1 128 727
	Alabama .....	2002.. 80 251
	1997..	N
	California .....	2002.. 12 035
	1997..	N
	Georgia .....	2002.. 42 005
	1997..	N
	Illinois .....	2002.. 171 335
	1997..	N
	Indiana .....	2002.. 35 706
	1997..	N
	Maryland .....	2002.. 13 537
	1997..	N
	Massachusetts .....	2002.. 3 456
	1997..	N
	Michigan .....	2002.. 14 770
	1997..	N
Missouri .....	2002.. 35 399	
1997..	N	
New York .....	2002.. 32 955	
1997..	N	
North Carolina .....	2002.. 53 522	
1997..	N	
Ohio .....	2002.. 201 256	
1997..	N	
Pennsylvania .....	2002.. 81 437	
1997..	N	
3271250	Nonclay refractories (except dead-burned magnesia)	
	United States .....	2002.. 990 826
	1997..	1 480 190
	Florida .....	2002.. 2 655
	1997..	N
	Illinois .....	2002.. 50 616
	1997..	N
	Indiana .....	2002.. 30 422
	1997..	N
	Kentucky .....	2002.. 67 225
	1997..	N
	Michigan .....	2002.. 89 798
	1997..	N
Ohio .....	2002.. 150 079	
1997..	N	
Pennsylvania .....	2002.. 191 784	
1997..	N	
3272111	Flat glass (float, sheet, and plate process), made by flat glass producers	
	United States .....	2002.. 2 006 371
	1997..	1 888 468
California .....	2002.. 215 326	
1997..	233 862	
3272114	Other glass products, made by flat glass producers	
	United States .....	2002.. 683 748
	1997..	N
California .....	2002.. 54 899	
1997..	N	
3272121	Glass fiber mat, textile-type, made by establishments producing glass	
	United States .....	2002.. 1 489 084
	1997..	1 939 530
Tennessee .....	2002.. 220 126	
1997..	155 207	
3272123	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers	
	United States .....	2002.. 970 555
	1997..	989 377
	California .....	2002.. 67 780
	1997..	N
Pennsylvania .....	2002.. 127 837	
1997..	123 520	
3272125	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers	
	United States .....	2002.. 1 399 910
	1997..	1 697 238
	Ohio .....	2002.. 396 143
	1997..	669 627
Pennsylvania .....	2002.. 569 817	
1997..	724 641	
3272127	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers	
	United States .....	2002.. 629 964
	1997..	960 153
	California .....	2002.. 5 061
1997..	N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3272129	Handmade pressed and blown glassware, made by glass producers	
	United States .....	2002.. 118 784
	1997..	173 923
	Pennsylvania .....	2002.. 21 313
1997..	47 275	
3272130	Glass containers	
	United States .....	2002.. 4 344 817
	1997..	4 176 306
	California .....	2002.. 751 016
	1997..	N
	Georgia .....	2002.. 268 364
	1997..	N
	Illinois .....	2002.. 245 636
	1997..	N
	Indiana .....	2002.. 302 483
	1997..	N
	New Jersey .....	2002.. 293 957
	1997..	N
	Oklahoma .....	2002.. 264 230
1997..	N	
Pennsylvania .....	2002.. 384 771	
1997..	N	
Texas .....	2002.. 218 825	
1997..	N	
3272151	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made from purchased glass	
	United States .....	2002.. 654 251
1997..	539 238	
3272153	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made from purchased glass	
	United States .....	2002.. 854 671
	1997..	911 786
	California .....	2002.. 86 153
	1997..	155 123
	Indiana .....	2002.. 138 989
	1997..	N
	New Jersey .....	2002.. 138 181
	1997..	120 440
	New York .....	2002.. 55 288
	1997..	73 923
Ohio .....	2002.. 25 877	
1997..	12 466	
3272155	Handmade pressed and blown glassware, made from purchased glass	
	United States .....	2002.. 134 678
	1997..	141 138
	New Jersey .....	2002.. 57 415
	1997..	51 388
Texas .....	2002.. 5 715	
1997..	6 187	
3272159	Mirrors (decorated and undecorated), made from purchased glass	
	United States .....	2002.. 1 483 981
	1997..	1 040 404
	California .....	2002.. 90 150
	1997..	92 000
	Florida .....	2002.. 23 297
	1997..	14 264
	North Carolina .....	2002.. 130 160
	1997..	135 057
Virginia .....	2002.. 108 920	
1997..	122 216	
327215B	Other glass products, made from purchased glass	
	United States .....	2002.. 6 481 593
	1997..	N
	Arizona .....	2002.. 32 163
	1997..	N
	California .....	2002.. 282 423
	1997..	N
	Florida .....	2002.. 80 260
	1997..	N
	Georgia .....	2002.. 165 042
	1997..	N
	Illinois .....	2002.. 148 222
	1997..	N
	Indiana .....	2002.. 635 813
	1997..	N
	Kentucky .....	2002.. 405 536
	1997..	N
	Massachusetts .....	2002.. 107 626
	1997..	N
	Missouri .....	2002.. 83 437
	1997..	N
	New Jersey .....	2002.. 124 499
	1997..	N
New York .....	2002.. 129 423	
1997..	N	
North Carolina .....	2002.. 451 980	
1997..	N	
Ohio .....	2002.. 469 889	
1997..	N	
Oregon .....	2002.. 28 232	
1997..	N	
Pennsylvania .....	2002.. 312 278	
1997..	N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
327215B	Other glass products, made from purchased glass—Con.	
	South Carolina .....	2002.. 187 809
	.....	1997.. N
	Tennessee .....	2002.. 281 082
	.....	1997.. N
Texas .....	2002.. 165 119	
	.....	1997.. N
Washington .....	2002.. 150 582	
	.....	1997.. N
3273100	Cement, hydraulic (including cost of shipping containers)	
	United States .....	2002.. 7 206 537
.....	1997.. 6 351 646	
Alabama .....	2002.. 250 956	
	.....	1997.. N
California .....	2002.. 985 726	
	.....	1997.. N
Florida .....	2002.. 380 357	
	.....	1997.. N
Illinois .....	2002.. 263 735	
	.....	1997.. N
Indiana .....	2002.. 266 243	
	.....	1997.. N
Iowa .....	2002.. 226 920	
	.....	1997.. N
Kansas .....	2002.. 175 395	
	.....	1997.. N
Maryland .....	2002.. 153 659	
	.....	1997.. N
Michigan .....	2002.. 412 670	
	.....	1997.. N
Missouri .....	2002.. 393 501	
	.....	1997.. N
New York .....	2002.. 231 086	
	.....	1997.. N
Ohio .....	2002.. 129 160	
	.....	1997.. N
Oklahoma .....	2002.. 126 759	
	.....	1997.. N
Pennsylvania .....	2002.. 573 514	
	.....	1997.. N
South Carolina .....	2002.. 204 406	
	.....	1997.. N
Tennessee .....	2002.. 127 335	
	.....	1997.. N
Texas .....	2002.. 860 106	
	.....	1997.. N
Wisconsin .....	2002.. 12 995	
	.....	1997.. N
3273200	Ready-mix concrete	
	United States .....	2002.. 20 480 559
.....	1997.. 15 909 843	
Alabama .....	2002.. 346 885	
	.....	1997.. N
Alaska .....	2002.. 29 029	
	.....	1997.. N
Arizona .....	2002.. 388 516	
	.....	1997.. N
Arkansas .....	2002.. 176 002	
	.....	1997.. N
California .....	2002.. 2 522 298	
	.....	1997.. N
Colorado .....	2002.. 462 364	
	.....	1997.. N
Connecticut .....	2002.. 170 058	
	.....	1997.. N
Delaware .....	2002.. 73 552	
	.....	1997.. N
Florida .....	2002.. 1 427 985	
	.....	1997.. N
Georgia .....	2002.. 873 994	
	.....	1997.. N
Hawaii .....	2002.. 100 099	
	.....	1997.. N
Idaho .....	2002.. 81 417	
	.....	1997.. N
Illinois .....	2002.. 803 739	
	.....	1997.. N
Indiana .....	2002.. 523 160	
	.....	1997.. N
Iowa .....	2002.. 318 422	
	.....	1997.. N
Kansas .....	2002.. 307 883	
	.....	1997.. N
Kentucky .....	2002.. 261 905	
	.....	1997.. N
Louisiana .....	2002.. 247 181	
	.....	1997.. N
Maine .....	2002.. 79 729	
	.....	1997.. N
Maryland .....	2002.. 324 442	
	.....	1997.. N
Massachusetts .....	2002.. 240 753	
	.....	1997.. N
Michigan .....	2002.. 663 882	
	.....	1997.. N
Minnesota .....	2002.. 418 633	
	.....	1997.. N
Mississippi .....	2002.. 194 074	
	.....	1997.. N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3273200	Ready-mix concrete—Con.	
	Missouri ..... 2002..	434 191
	..... 1997..	N
	Montana ..... 2002..	78 667
	..... 1997..	N
	Nebraska ..... 2002..	195 487
	..... 1997..	N
	Nevada ..... 2002..	301 806
	..... 1997..	N
	New Hampshire ..... 2002..	66 309
	..... 1997..	N
	New Jersey ..... 2002..	418 349
	..... 1997..	N
	New Mexico ..... 2002..	113 613
	..... 1997..	N
	New York ..... 2002..	668 839
	..... 1997..	N
	North Carolina ..... 2002..	605 528
	..... 1997..	N
	North Dakota ..... 2002..	45 508
	..... 1997..	N
	Ohio ..... 2002..	746 096
	..... 1997..	N
	Oklahoma ..... 2002..	267 128
	..... 1997..	N
	Oregon ..... 2002..	245 124
	..... 1997..	N
	Pennsylvania ..... 2002..	555 011
	..... 1997..	N
	South Carolina ..... 2002..	264 144
	..... 1997..	N
	South Dakota ..... 2002..	60 673
..... 1997..	N	
Tennessee ..... 2002..	384 977	
..... 1997..	N	
Texas ..... 2002..	2 236 656	
..... 1997..	N	
Utah ..... 2002..	195 181	
..... 1997..	N	
Vermont ..... 2002..	43 624	
..... 1997..	N	
Virginia ..... 2002..	517 361	
..... 1997..	N	
Washington ..... 2002..	378 476	
..... 1997..	N	
West Virginia ..... 2002..	79 601	
..... 1997..	N	
Wisconsin ..... 2002..	423 842	
..... 1997..	N	
Wyoming ..... 2002..	50 182	
..... 1997..	N	
3273310	Concrete block and brick	
	United States ..... 2002..	3 418 216
	..... 1997..	2 392 435
	Alabama ..... 2002..	54 025
	..... 1997..	N
	Alaska ..... 2002..	5 079
	..... 1997..	N
	Arizona ..... 2002..	135 518
	..... 1997..	N
	Arkansas ..... 2002..	29 654
	..... 1997..	N
	California ..... 2002..	298 439
	..... 1997..	N
	Colorado ..... 2002..	58 635
	..... 1997..	N
	Connecticut ..... 2002..	19 704
	..... 1997..	N
	Delaware ..... 2002..	3 852
	..... 1997..	N
	Florida ..... 2002..	395 576
	..... 1997..	N
	Georgia ..... 2002..	83 502
	..... 1997..	N
	Hawaii ..... 2002..	9 113
	..... 1997..	N
	Illinois ..... 2002..	164 252
	..... 1997..	N
	Indiana ..... 2002..	55 811
	..... 1997..	N
	Iowa ..... 2002..	26 079
	..... 1997..	N
	Kansas ..... 2002..	9 316
..... 1997..	N	
Kentucky ..... 2002..	37 320	
..... 1997..	N	
Louisiana ..... 2002..	19 151	
..... 1997..	N	
Maine ..... 2002..	16 778	
..... 1997..	N	
Maryland ..... 2002..	41 655	
..... 1997..	N	
Massachusetts ..... 2002..	43 887	
..... 1997..	N	
Michigan ..... 2002..	120 879	
..... 1997..	N	
Minnesota ..... 2002..	113 636	
..... 1997..	N	
Mississippi ..... 2002..	12 539	
..... 1997..	N	
Missouri ..... 2002..	62 895	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3273310	Concrete block and brick—Con.	
	Missouri—Con.	
	Montana .....	1997.. N
	.....	2002.. 4 357
	Nevada .....	1997.. N
	.....	2002.. 32 842
	New Hampshire .....	1997.. N
	.....	2002.. 8 914
	New Jersey .....	1997.. N
	.....	2002.. 181 693
	New Mexico .....	1997.. N
	.....	2002.. 18 364
	New York .....	1997.. N
	.....	2002.. 153 430
	North Carolina .....	1997.. N
	.....	2002.. 96 371
	Ohio .....	1997.. N
	.....	2002.. 157 912
	Oklahoma .....	1997.. N
	.....	2002.. 15 370
	Oregon .....	1997.. N
	.....	2002.. 28 581
	Pennsylvania .....	1997.. N
	.....	2002.. 236 183
	Rhode Island .....	1997.. N
	.....	2002.. 7 142
	South Carolina .....	1997.. N
.....	2002.. 60 853	
Tennessee .....	1997.. N	
.....	2002.. 81 754	
Texas .....	1997.. N	
.....	2002.. 198 600	
Utah .....	1997.. N	
.....	2002.. 34 713	
Virginia .....	1997.. N	
.....	2002.. 90 190	
Washington .....	1997.. N	
.....	2002.. 41 456	
West Virginia .....	1997.. N	
.....	2002.. 24 277	
Wisconsin .....	1997.. N	
.....	2002.. 84 163	
Wyoming .....	1997.. N	
.....	2002.. 5 508	
.....	1997.. N	
3273320	Concrete pipe	
	United States .....	2002.. 2 345 054
	.....	1997.. 1 783 463
	Arizona .....	2002.. 67 587
	.....	1997.. N
	Arkansas .....	2002.. 17 143
	.....	1997.. N
	California .....	2002.. 230 817
	.....	1997.. N
	Colorado .....	2002.. 60 676
	.....	1997.. N
	Connecticut .....	2002.. 12 294
	.....	1997.. N
	Florida .....	2002.. 166 163
	.....	1997.. N
	Georgia .....	2002.. 56 910
	.....	1997.. N
	Hawaii .....	2002.. 5 772
	.....	1997.. N
	Idaho .....	2002.. 5 555
	.....	1997.. N
	Illinois .....	2002.. 111 191
	.....	1997.. N
	Indiana .....	2002.. 53 889
	.....	1997.. N
	Kansas .....	2002.. 31 437
	.....	1997.. N
	Kentucky .....	2002.. 13 856
	.....	1997.. N
	Louisiana .....	2002.. 13 772
	.....	1997.. N
	Maryland .....	2002.. 55 574
	.....	1997.. N
	Massachusetts .....	2002.. 16 375
	.....	1997.. N
	Michigan .....	2002.. 89 104
	.....	1997.. N
Minnesota .....	2002.. 91 719	
.....	1997.. N	
Mississippi .....	2002.. 21 237	
.....	1997.. N	
Missouri .....	2002.. 50 990	
.....	1997.. N	
Nevada .....	2002.. 27 440	
.....	1997.. N	
New Jersey .....	2002.. 28 782	
.....	1997.. N	
New York .....	2002.. 26 352	
.....	1997.. N	
North Carolina .....	2002.. 64 031	
.....	1997.. N	
Ohio .....	2002.. 142 725	
.....	1997.. N	
Oklahoma .....	2002.. 22 454	
.....	1997.. N	
Oregon .....	2002.. 12 708	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3273320	Concrete pipe—Con.	
	Oregon—Con.	
	Pennsylvania .....	1997.. N
	.....	2002.. 57 731
	South Carolina .....	1997.. N
	.....	2002.. 26 605
	Tennessee .....	1997.. N
	.....	2002.. 42 601
	Texas .....	1997.. N
	.....	2002.. 292 858
	Utah .....	1997.. N
	.....	2002.. 31 379
	Virginia .....	1997.. N
.....	2002.. 105 095	
Washington .....	1997.. N	
.....	2002.. 21 518	
Wisconsin .....	1997.. N	
.....	2002.. 36 984	
.....	1997.. N	
3273901	Precast concrete products	
	United States .....	2002.. 5 392 152
	.....	1997.. 3 200 936
	California .....	2002.. 847 187
	.....	1997.. 527 655
	Colorado .....	2002.. 124 553
	.....	1997.. 61 414
	Florida .....	2002.. 507 781
	.....	1997.. 292 201
	Georgia .....	2002.. 208 323
	.....	1997.. 151 063
	Hawaii .....	2002.. 10 667
	.....	1997.. 8 732
	Illinois .....	2002.. 265 324
	.....	1997.. 74 609
	Indiana .....	2002.. 56 095
	.....	1997.. 58 327
	Louisiana .....	2002.. 95 507
	.....	1997.. 54 034
	Minnesota .....	2002.. 103 176
	.....	1997.. 84 954
	Mississippi .....	2002.. 22 463
	.....	1997.. 14 561
	Missouri .....	2002.. 50 542
	.....	1997.. 45 770
	New Jersey .....	2002.. 99 099
	.....	1997.. 49 542
	New York .....	2002.. 142 424
	.....	1997.. 95 573
	North Carolina .....	2002.. 161 221
	.....	1997.. 56 365
	Ohio .....	2002.. 180 098
	.....	1997.. 136 113
Pennsylvania .....	2002.. 351 900	
.....	1997.. 200 246	
South Carolina .....	2002.. 85 004	
.....	1997.. 30 441	
Tennessee .....	2002.. 118 995	
.....	1997.. 101 675	
Texas .....	2002.. 390 428	
.....	1997.. 114 826	
Utah .....	2002.. 21 962	
.....	1997.. 17 910	
Virginia .....	2002.. 153 976	
.....	1997.. 91 874	
Washington .....	2002.. 191 135	
.....	1997.. 103 783	
3273904	Prestressed concrete products	
	United States .....	2002.. 1 532 844
	.....	1997.. 1 342 329
	California .....	2002.. 95 259
	.....	1997.. 57 616
	Colorado .....	2002.. 25 566
	.....	1997.. 92 021
	Florida .....	2002.. 139 307
	.....	1997.. 129 335
	Georgia .....	2002.. 64 679
	.....	1997.. 84 473
	Illinois .....	2002.. 54 921
	.....	1997.. 60 675
	Indiana .....	2002.. 25 620
	.....	1997.. 31 105
	Louisiana .....	2002.. 7 079
	.....	1997.. 8 549
	Minnesota .....	2002.. 33 880
	.....	1997.. 42 061
	Mississippi .....	2002.. 38 972
	.....	1997.. 41 634
	Missouri .....	2002.. 38 487
	.....	1997.. N
New Jersey .....	2002.. 10 513	
.....	1997.. N	
New York .....	2002.. 9 535	
.....	1997.. 14 570	
North Carolina .....	2002.. 26 958	
.....	1997.. 26 876	
Ohio .....	2002.. 16 048	
.....	1997.. 35 686	
Pennsylvania .....	2002.. 169 618	
.....	1997.. 99 131	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3273904	Prestressed concrete products—Con.	
	South Carolina .....	2002 .. 73 021
	.....	1997 .. N
	Tennessee .....	2002 .. 33 588
	.....	1997 .. 12 268
	Texas .....	2002 .. 143 198
	.....	1997 .. 82 187
	Utah .....	2002 .. 8 687
	.....	1997 .. N
	Virginia .....	2002 .. 78 609
.....	1997 .. 81 018	
Washington .....	2002 .. 43 482	
.....	1997 .. 54 691	
3274100	Lime	
	United States .....	2002 .. 1 022 320
	.....	1997 .. 1 110 143
	Alabama .....	2002 .. 105 550
	.....	1997 .. N
	Indiana .....	2002 .. 40 749
	.....	1997 .. N
	Ohio .....	2002 .. 83 780
	.....	1997 .. N
	Pennsylvania .....	2002 .. 61 504
.....	1997 .. N	
Texas .....	2002 .. 99 198	
.....	1997 .. N	
Wisconsin .....	2002 .. 32 365	
.....	1997 .. N	
3274201	Gypsum building materials	
	United States .....	2002 .. 2 945 382
	.....	1997 .. 3 475 824
	California .....	2002 .. 241 047
	.....	1997 .. 344 962
	Florida .....	2002 .. 276 468
	.....	1997 .. 239 558
	Georgia .....	2002 .. 164 979
	.....	1997 .. 252 841
	Illinois .....	2002 .. 50 823
.....	1997 .. N	
New York .....	2002 .. 140 978	
.....	1997 .. 128 798	
Oregon .....	2002 .. 6 729	
.....	1997 .. N	
Texas .....	2002 .. 334 545	
.....	1997 .. 385 493	
3274205	Other gypsum products	
	United States .....	2002 .. 751 441
	.....	1997 .. N
	California .....	2002 .. 74 754
	.....	1997 .. N
	Florida .....	2002 .. 58 692
	.....	1997 .. N
	Georgia .....	2002 .. 7 466
	.....	1997 .. N
	Illinois .....	2002 .. 7 377
.....	1997 .. N	
New York .....	2002 .. 2 380	
.....	1997 .. N	
Texas .....	2002 .. 8 515	
.....	1997 .. N	
3279101	Nonmetallic sized grains, powders, and flour abrasives (including graded products only)	
	United States .....	2002 .. 521 701
	.....	1997 .. 549 166
	New York .....	2002 .. 94 204
	.....	1997 .. 155 641
Texas .....	2002 .. 13 434	
.....	1997 .. 6 217	
3279104	Nonmetallic abrasive products (including diamond abrasives)	
	United States .....	2002 .. 993 633
	.....	1997 .. 1 176 259
	Connecticut .....	2002 .. 41 549
	.....	1997 .. 45 851
	Illinois .....	2002 .. 116 466
	.....	1997 .. 122 653
	Michigan .....	2002 .. 37 080
	.....	1997 .. 65 144
	North Carolina .....	2002 .. 4 137
.....	1997 .. N	
Ohio .....	2002 .. 198 422	
.....	1997 .. 224 337	
3279107	Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps	
	United States .....	2002 .. 1 523 468
	.....	1997 .. 2 026 254
	California .....	2002 .. 86 886
	.....	1997 .. 58 394
	Illinois .....	2002 .. 98 759
	.....	1997 .. 15 911
	Massachusetts .....	2002 .. 61 580
.....	1997 .. 10 121	
Michigan .....	2002 .. 145 402	
.....	1997 .. N	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3279107	Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps—Con.	
	New York .....	2002 .. 226 342
	.....	1997 .. 310 195
	North Carolina .....	2002 .. 54 248
	.....	1997 .. 76 584
	Ohio .....	2002 .. 91 656
	.....	1997 .. 153 272
Pennsylvania .....	2002 .. 41 041	
.....	1997 .. N	
Wisconsin .....	2002 .. 82 666	
.....	1997 .. N	
327910A	Metal abrasives including steel and iron grid, shot, and sand, and other metal abrasives	
	United States .....	2002 .. 130 580
.....	1997 .. 136 642	
3279911	Dressed dimension granite (including gneiss, syenite, diorite, and cut granite)	
	United States .....	2002 .. 863 456
	.....	1997 .. 539 053
	Arizona .....	2002 .. 13 096
	.....	1997 .. 2 414
	California .....	2002 .. 47 579
	.....	1997 .. 23 702
	Colorado .....	2002 .. 20 344
	.....	1997 .. N
	Florida .....	2002 .. 17 419
	.....	1997 .. 2 881
	Georgia .....	2002 .. 86 809
	.....	1997 .. 70 427
	Illinois .....	2002 .. 24 534
	.....	1997 .. 7 664
	Indiana .....	2002 .. 18 912
	.....	1997 .. 9 933
	Kansas .....	2002 .. 8 275
	.....	1997 .. N
	Kentucky .....	2002 .. 2 439
	.....	1997 .. N
	Massachusetts .....	2002 .. 60 323
	.....	1997 .. 24 458
	Minnesota .....	2002 .. 171 996
	.....	1997 .. 118 574
	Missouri .....	2002 .. 5 383
	.....	1997 .. N
	New Hampshire .....	2002 .. 8 021
	.....	1997 .. N
	New Jersey .....	2002 .. 20 493
	.....	1997 .. 2 526
	New York .....	2002 .. 23 885
	.....	1997 .. 15 572
	North Carolina .....	2002 .. 36 371
	.....	1997 .. 49 784
Ohio .....	2002 .. 10 510	
.....	1997 .. 8 142	
Pennsylvania .....	2002 .. 17 847	
.....	1997 .. 8 529	
Rhode Island .....	2002 .. 22 852	
.....	1997 .. N	
Texas .....	2002 .. 39 572	
.....	1997 .. 35 355	
Utah .....	2002 .. 11 621	
.....	1997 .. 6 242	
Vermont .....	2002 .. 83 786	
.....	1997 .. 79 863	
Washington .....	2002 .. 3 150	
.....	1997 .. N	
Wisconsin .....	2002 .. 6 865	
.....	1997 .. 7 613	
3279914	Dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone)	
	United States .....	2002 .. 282 021
	.....	1997 .. 179 853
	Alabama .....	2002 .. 4 885
	.....	1997 .. N
	California .....	2002 .. 9 031
	.....	1997 .. 2 656
	Illinois .....	2002 .. 13 671
	.....	1997 .. 13 847
	Indiana .....	2002 .. 60 637
	.....	1997 .. 51 087
	Michigan .....	2002 .. 16 659
	.....	1997 .. 5 791
	Ohio .....	2002 .. 7 547
	.....	1997 .. 6 898
	Pennsylvania .....	2002 .. 22 932
	.....	1997 .. N
Tennessee .....	2002 .. 19 293	
.....	1997 .. N	
Texas .....	2002 .. 25 112	
.....	1997 .. 25 055	
Wisconsin .....	2002 .. 29 743	
.....	1997 .. 16 145	
3279917	Dressed dimension marble and other stone	
	United States .....	2002 .. 410 614
	.....	1997 .. 237 277
	Alabama .....	2002 .. 9 079
	.....	1997 .. 4 342
Arizona .....	2002 .. 14 023	
.....	1997 .. 5 453	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3279917	Dressed dimension marble and other stone—Con.	
	California .....	2002 .. 23 324
		1997 .. 9 392
	Georgia .....	2002 .. 44 053
		1997 .. 25 373
	Illinois .....	2002 .. 10 020
		1997 .. 6 622
	Indiana .....	2002 .. 7 071
		1997 .. N
	Missouri .....	2002 .. 2 100
		1997 .. N
	New York .....	2002 .. 30 970
		1997 .. 33 864
	Ohio .....	2002 .. 14 924
	1997 .. 20 319	
Pennsylvania .....	2002 .. 55 915	
	1997 .. 14 486	
Texas .....	2002 .. 44 201	
	1997 .. 15 941	
Wisconsin .....	2002 .. 6 773	
	1997 .. 4 395	
3279920	Treated minerals and earths	
	United States .....	2002 .. 1 979 182
		1997 .. 2 258 930
	Alabama .....	2002 .. 52 077
		1997 .. N
	Arizona .....	2002 .. 20 805
		1997 .. N
	Arkansas .....	2002 .. 30 993
		1997 .. N
	California .....	2002 .. 112 103
		1997 .. N
	Colorado .....	2002 .. 10 790
		1997 .. N
	Florida .....	2002 .. 25 438
		1997 .. N
	Illinois .....	2002 .. 112 091
		1997 .. N
	Indiana .....	2002 .. 55 206
		1997 .. N
	Iowa .....	2002 .. 7 034
		1997 .. N
	Kansas .....	2002 .. 9 118
		1997 .. N
	Kentucky .....	2002 .. 33 039
		1997 .. N
	Michigan .....	2002 .. 97 412
		1997 .. N
	Minnesota .....	2002 .. 5 883
		1997 .. N
	Nevada .....	2002 .. 5 765
		1997 .. N
	New Jersey .....	2002 .. 85 622
		1997 .. N
	New York .....	2002 .. 22 367
	1997 .. N	
North Carolina .....	2002 .. 47 471	
	1997 .. N	
Ohio .....	2002 .. 83 885	
	1997 .. N	
Oregon .....	2002 .. 6 181	
	1997 .. N	
Pennsylvania .....	2002 .. 56 777	
	1997 .. N	
South Carolina .....	2002 .. 28 834	
	1997 .. N	
Tennessee .....	2002 .. 25 262	
	1997 .. N	
Texas .....	2002 .. 80 602	
	1997 .. N	
West Virginia .....	2002 .. 20 509	
	1997 .. N	
Wisconsin .....	2002 .. 40 210	
	1997 .. N	
3279931	Mineral wool for thermal and acoustical envelope insulation (for homes and commercial, and industrial buildings)	
	United States .....	2002 .. 2 941 434
		1997 .. 2 987 004
	Alabama .....	2002 .. 160 961
		1997 .. 144 994
	Arizona .....	2002 .. 2 766
		1997 .. N
	California .....	2002 .. 330 052
		1997 .. 321 037
	Georgia .....	2002 .. 396 213
		1997 .. 383 859
	Indiana .....	2002 .. 122 030
		1997 .. 138 916
	Ohio .....	2002 .. 314 588
	1997 .. 325 947	
Pennsylvania .....	2002 .. 249 443	
	1997 .. 215 008	
Texas .....	2002 .. 142 347	
	1997 .. N	
3279934	Mineral wool for industrial, equipment, and appliance insulation	
	United States .....	2002 .. 1 406 224
		1997 .. 1 147 892
	Alabama .....	2002 .. 56 220
	1997 .. 38 022	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3279934	Mineral wool for industrial, equipment, and appliance insulation—Con.		
	California .....	2002.. 117 603	
		1997.. 155 322	
	Georgia .....	2002.. 82 519	
		1997.. 25 237	
	Indiana .....	2002.. 174 546	
		1997.. 169 402	
	Ohio .....	2002.. 288 317	
		1997.. 245 420	
	Pennsylvania.....	2002.. 4 449	
		1997.. 15 263	
	Texas .....	2002.. 294 169	
		1997.. 164 865	
	3279990	All other nonmetallic mineral products	
United States .....		2002.. 1 837 714	
		1997.. 1 684 163	
Alabama .....		2002.. 24 253	
		1997.. N	
Arizona .....		2002.. 31 559	
		1997.. N	
Arkansas .....		2002.. 16 792	
		1997.. N	
California .....		2002.. 242 733	
		1997.. N	
Colorado .....		2002.. 45 559	
		1997.. N	
Florida .....		2002.. 143 059	
		1997.. N	
Georgia .....		2002.. 66 883	
		1997.. N	
Illinois .....		2002.. 65 823	
		1997.. N	
Indiana .....		2002.. 22 058	
		1997.. N	
Iowa .....		2002.. 4 688	
		1997.. N	
Kansas .....		2002.. 17 144	
		1997.. N	
Kentucky .....		2002.. 18 228	
		1997.. N	
Louisiana .....		2002.. 29 095	
		1997.. N	
Massachusetts .....		2002.. 40 116	
		1997.. N	
Michigan.....		2002.. 39 548	
		1997.. N	
Minnesota .....		2002.. 29 005	
		1997.. N	
Missouri .....		2002.. 39 520	
		1997.. N	
Nevada .....		2002.. 20 623	
		1997.. N	
New Hampshire .....		2002.. 24 059	
		1997.. N	
New Jersey .....		2002.. 35 822	
		1997.. N	
New Mexico .....		2002.. 19 885	
		1997.. N	
New York .....		2002.. 82 840	
		1997.. N	
North Carolina .....		2002.. 29 239	
		1997.. N	
Ohio .....		2002.. 101 885	
		1997.. N	
Oklahoma .....		2002.. 46 221	
		1997.. N	
Oregon .....		2002.. 9 682	
		1997.. N	
Pennsylvania.....		2002.. 121 474	
		1997.. N	
Rhode Island .....		2002.. 4 906	
		1997.. N	
South Carolina .....		2002.. 45 493	
		1997.. N	
Tennessee .....		2002.. 34 112	
		1997.. N	
Texas .....		2002.. 170 943	
		1997.. N	
Vermont .....		2002.. 8 199	
		1997.. N	
Virginia .....		2002.. 88 742	
		1997.. N	
Washington .....		2002.. 29 587	
		1997.. N	
Wisconsin .....		2002.. 30 426	
		1997.. N	
3311111		Coke oven and blast furnace products, made in steel mills	
		United States .....	2002.. 947 986
			1997.. 2 450 291
		Indiana .....	2002.. 37 915
			1997.. 92 928
		Michigan.....	2002.. 4 612
		1997.. N	
Ohio .....	2002.. 5 960		
	1997.. 687 023		

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3311113	Steel ingots and semifinished shapes and forms, made in steel mills	
	United States .....	2002.. 3 569 641
	Michigan .....	1997.. 4 377 169
	Ohio .....	2002.. 115 860
	Pennsylvania .....	1997.. N
	Pennsylvania .....	2002.. 745 990
3311115	Hot rolled steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel), made in steel mills	
	United States .....	1997.. 1 241 904
	California .....	2002.. 690 640
	Indiana .....	1997.. 1 004 298
	Ohio .....	2002.. 15 801 781
	Pennsylvania .....	1997.. 22 060 627
3311117	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling (including concrete reinforcing and tool steel bars), made in steel mills	
	United States .....	2002.. 1 083 379
	Alabama .....	1997.. N
	California .....	2002.. 5 665 935
	Illinois .....	1997.. 5 643 207
	Indiana .....	2002.. 1 429 850
3311119	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars	
	United States .....	1997.. 4 416 619
	Alabama .....	2002.. 1 259 200
	California .....	1997.. 2 287 234
	Illinois .....	2002.. 10 735 366
	Indiana .....	1997.. 13 383 096
331111B	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate	
	United States .....	2002.. 718 376
	Alabama .....	1997.. N
	California .....	2002.. 176 096
	Illinois .....	1997.. N
	Indiana .....	2002.. 289 235
331111D	Cold rolled steel sheet and strip, made in steel mills producing hot rolled sheet or strip	
	United States .....	1997.. 1 021 841
	Alabama .....	2002.. 964 136
	California .....	1997.. 1 770 482
	Illinois .....	2002.. 368 913
	Indiana .....	1997.. 226 721
331111F	Cold finished steel bars and bar shapes, made in steel mills producing hot rolled bars and bar shapes	
	United States .....	2002.. 1 348 516
	Alabama .....	1997.. 1 412 165
	California .....	2002.. 1 032 156
	Illinois .....	1997.. 1 422 081
	Indiana .....	2002.. 913 555
331111H	Seamless rolled ring forgings, ferrous, made in steel mills	
	United States .....	1997.. 1 337 754
	Alabama .....	2002.. 591 422
	California .....	1997.. 444 682
	Illinois .....	2002.. 182 210
	Indiana .....	1997.. 236 008
331111J	Open die and smith forgings (hammer and press), ferrous, made in steel mills	
	United States .....	2002.. 1 885 144
	Alabama .....	1997.. 2 734 679
	California .....	2002.. 62 265
	Illinois .....	1997.. N
	Indiana .....	2002.. 145 709

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
331111L	Other steel mill products, including steel rails, except wire products	
	United States .....	2002 .. 568 526
	California .....	1997 .. 585 921
	Ohio .....	2002 .. 3 826
	Ohio .....	1997 .. N
3311121	Ferrochromium, including briquettes, ferrochromium silicon, exothermic chromium additives, and other chromium alloys	
	United States .....	2002 .. –
3311123	Ferrosilicon, including briquettes, and other silicon alloys	
	United States .....	1997 .. D
3311125	Other ferroalloys	
	United States .....	2002 .. 594 154
3312100	Iron and steel pipes and tubes, made from purchased iron and steel	
	United States .....	1997 .. D
3312100	Iron and steel pipes and tubes, made from purchased iron and steel	
	United States .....	2002 .. 6 958 267
	Alabama .....	1997 .. 7 267 491
	Arkansas .....	2002 .. 331 607
	California .....	1997 .. N
	Illinois .....	2002 .. 411 150
	Indiana .....	1997 .. N
	Kentucky .....	2002 .. 776 869
	Louisiana .....	1997 .. N
	Michigan .....	2002 .. 729 979
	Mississippi .....	1997 .. N
	Missouri .....	2002 .. 243 006
	New Jersey .....	1997 .. N
	New York .....	2002 .. 99 092
	Ohio .....	1997 .. N
	Oklahoma .....	2002 .. 128 284
	Pennsylvania .....	1997 .. N
	Tennessee .....	2002 .. 197 323
	Texas .....	1997 .. N
	West Virginia .....	2002 .. 48 851
	Wisconsin .....	1997 .. N
	Wisconsin .....	2002 .. 65 441
	Wisconsin .....	1997 .. N
	Wisconsin .....	2002 .. 101 955
	Wisconsin .....	1997 .. N
	Wisconsin .....	2002 .. 47 411
	Wisconsin .....	1997 .. N
Wisconsin .....	2002 .. 1 402 716	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 208 917	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 765 779	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 226 491	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 237 515	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 30 192	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 266 372	
Wisconsin .....	1997 .. N	
3312211	Cold rolled steel sheet and strip, made from purchased steel	
	United States .....	2002 .. 4 014 025
	Indiana .....	1997 .. 4 101 917
	Michigan .....	2002 .. 537 764
	New York .....	1997 .. N
	Ohio .....	2002 .. 407 608
	Ohio .....	1997 .. N
3312213	Cold finished steel bars and bar shapes, made from purchased steel	
	United States .....	2002 .. 1 113 176
	Michigan .....	1997 .. 1 592 402
	Ohio .....	2002 .. 184 318
	Ohio .....	1997 .. 168 563
3312215	Iron and steel powders, paste, and flakes, made from purchased steel	
	United States .....	2002 .. 396 588
	Pennsylvania .....	1997 .. N
	Pennsylvania .....	2002 .. 115 017
3312221	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made in plants that draw wire	
	United States .....	1997 .. N
	Missouri .....	2002 .. 868 100
	Missouri .....	1997 .. 977 995
3312221	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made in plants that draw wire	
	Missouri .....	2002 .. 116 978
3312221	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made in plants that draw wire	
	Missouri .....	1997 .. 145 875

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3312223	Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire	
	United States .....	2002.. 266 261
	California .....	1997.. 446 963
	California .....	2002.. 38 980
		1997.. 49 741
3312225	Steel wire, including galvanized and other coated wire, made in plants that draw wire	
	United States .....	2002.. 1 757 059
	California .....	1997.. 1 996 859
	California .....	2002.. 201 638
	Connecticut .....	1997.. 170 908
	Connecticut .....	2002.. 45 694
	Illinois .....	1997.. 129 816
	Illinois .....	2002.. 133 165
	Indiana .....	1997.. 112 713
	Indiana .....	2002.. 186 254
	Missouri .....	1997.. 147 186
	Missouri .....	2002.. 151 723
	New Jersey .....	1997.. N
	New Jersey .....	2002.. 31 662
	New York .....	1997.. 58 862
New York .....	2002.. 8 003	
Ohio .....	1997.. N	
Ohio .....	2002.. 94 169	
Pennsylvania .....	1997.. 160 538	
Pennsylvania .....	2002.. 97 476	
Pennsylvania .....	1997.. 51 679	
3312227	Steel fencing and fence gates, made in plants that draw wire	
	United States .....	2002.. 299 653
	California .....	1997.. 401 723
	California .....	2002.. 12 315
	Texas .....	1997.. N
Texas .....	2002.. 38 442	
Texas .....	1997.. 63 680	
3312229	Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire	
	United States .....	2002.. 62 598
		1997.. 102 048
331222B	Other ferrous wire products (excluding springs), made in plants that draw wire	
	United States .....	2002.. 680 911
	California .....	1997.. 978 695
	California .....	2002.. 70 196
	Ohio .....	1997.. 50 185
	Ohio .....	2002.. 158 876
	Texas .....	1997.. 61 626
Texas .....	2002.. 61 338	
Texas .....	1997.. 52 024	
3313110	Aluminum oxide, except natural alumina	
	United States .....	2002.. 558 081
		1997.. 1 019 017
3313120	Aluminum ingot, including billet, made in primary aluminum reduction plants	
	United States .....	2002.. 4 685 751
	California .....	1997.. N
California .....	2002.. 10 007	
California .....	1997.. N	
3313142	Aluminum ingot, including billet, made by secondary smelters	
	United States .....	2002.. 2 952 464
	California .....	1997.. N
	California .....	2002.. 199 497
	Michigan .....	1997.. N
	Michigan .....	2002.. 304 245
Tennessee .....	1997.. N	
Tennessee .....	2002.. 389 148	
Tennessee .....	1997.. N	
3313145	Aluminum and aluminum-base alloy powders, paste, and flakes from purchased aluminum	
	United States .....	2002.. 320 403
	California .....	1997.. 194 538
	California .....	2002.. 18 106
California .....	1997.. N	
3313151	Aluminum plate (thickness of 0.25 in. or more), including continuous cast	
	United States .....	2002.. 589 429
United States .....	1997.. 923 131	
3313153	Aluminum sheet and strip, including continuous cast	
	United States .....	2002.. 9 206 911
United States .....	1997.. 10 514 924	
3313155	Plain aluminum foil (less than .006 in. thick)	
	United States .....	2002.. 838 027
United States .....	1997.. 1 044 976	
3313157	Aluminum welded tube	
	United States .....	2002.. 105 930
United States .....	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3313161	Extruded aluminum rod, bar, and other extruded shapes	
	United States .....	2002 .. 4 731 519
	California .....	1997 .. 5 140 725
	Michigan .....	2002 .. 377 551
	Minnesota .....	1997 .. 381 612
	Mississippi .....	2002 .. 217 386
	South Carolina .....	1997 .. 199 490
	Tennessee .....	2002 .. 69 199
	Texas .....	1997 .. N
	United States .....	2002 .. 77 557
	United States .....	1997 .. 139 441
3313163	Extruded and drawn aluminum tube	
	United States .....	2002 .. 610 371
	California .....	1997 .. 835 635
	Michigan .....	2002 .. 44 632
	Texas .....	1997 .. 63 977
3313192	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSR, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	
	United States .....	2002 .. 379 475
3313193	Rolled aluminum rod and bar (including continuous cast), made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	
	United States .....	1997 .. 188 448
331319D	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	
	United States .....	1997 .. 422 473
331319E	Aluminum insulated wire and cable	
	United States .....	2002 .. 304 644
3314110	Primary smelting and refining of copper	
	United States .....	1997 .. N
3314193	Primary smelting and refining of zinc	
	United States .....	2002 .. 476 064
3314197	Primary precious metals and precious metal alloys	
	United States .....	1997 .. N
331419A	All other miscellaneous primary nonferrous metals	
	United States .....	2002 .. 2 205 347
	California .....	1997 .. 5 387 471
	Ohio .....	2002 .. 246 553
3314211	Copper wire, bare and tinned (nonelectrical), made in rolling mills	
	United States .....	1997 .. 505 366
	Connecticut .....	2002 .. 646 552
	Illinois .....	1997 .. 707 530
	Pennsylvania .....	2002 .. 1 519 949
3314213	Copper and copper-base alloy rod, bar, and shapes	
	United States .....	1997 .. N
	New York .....	2002 .. 57 753
	Pennsylvania .....	1997 .. N
	United States .....	2002 .. 162 954
3314217	Copper and copper-base alloy sheet, strip, and plate	
	United States .....	1997 .. N
	Ohio .....	2002 .. 306 884
	Pennsylvania .....	1997 .. 316 744
	United States .....	2002 .. 17 107

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3314219	Copper and copper-base alloy pipe and tube	
	United States.....	2002.. 1 779 723
		1997.. 2 270 688
	New Jersey .....	2002.. 2 110
		1997.. 20 798
	Pennsylvania.....	2002.. 196 465
		1997.. 235 899
3314222	Copper and copper-base alloy wire, strand, and cable, made in plants that draw wire	
	United States.....	2002.. 711 260
		1997.. N
	Connecticut .....	2002.. 26 308
		1997.. N
	Indiana .....	2002.. 17 405
	1997.. N	
	Massachusetts .....	2002.. 78 720
		1997.. N
3314224	Copper wire and cable, including apparatus wire, cord, and flexible cord sets, made in copper wire drawing plants	
	United States.....	2002.. 1 257 062
		1997.. N
	Illinois .....	2002.. 261 849
		1997.. N
	Indiana .....	2002.. 92 912
	1997.. N	
	Massachusetts .....	2002.. 148 775
		1997.. N
3314225	Copper magnet wire (except fiber optic), made in plants that draw wire	
	United States.....	2002.. 769 401
		1997.. N
	Indiana .....	2002.. 332 481
		1997.. N
3314230	Secondary smelting, refining, and alloying of copper	
	United States.....	2002.. 625 812
		1997.. 1 094 557
	Illinois .....	2002.. 106 724
		1997.. N
	New Jersey .....	2002.. 40 264
		1997.. N
	Ohio .....	2002.. 96 810
		1997.. N
	Pennsylvania.....	2002.. 236 053
	1997.. N	
	Tennessee.....	2002.. 27 511
		1997.. N
3314912	Nickel and nickel-base alloy mill shapes	
	United States.....	2002.. 1 052 211
		1997.. N
3314913	Titanium and titanium-base alloy mill shapes	
	United States.....	2002.. 864 536
		1997.. 1 531 313
	Ohio .....	2002.. 274 267
		1997.. N
	Pennsylvania.....	2002.. 98 313
	1997.. 142 173	
	Washington .....	2002.. 58 969
		1997.. 89 725
331491A	Precious metal mill shapes	
	United States.....	2002.. 687 034
		1997.. N
331491D	All other nonferrous metal mill shapes	
	United States.....	2002.. 1 111 845
		1997.. N
	California .....	2002.. 39 063
		1997.. N
	Connecticut .....	2002.. 49 631
		1997.. N
	New Jersey .....	2002.. 37 739
		1997.. N
	New York .....	2002.. 82 685
		1997.. N
Ohio .....	2002.. 45 467	
	1997.. N	
Pennsylvania.....	2002.. 78 712	
		1997.. N
331491F	Apparatus wire and cord and flexible cord sets (except aluminum, copper, wiring harnesses and fiber optic), made in plants that draw wire	
	United States.....	2002.. 62 144
		1997.. N
331491H	Magnet wire, (except aluminum and copper), made in plants that draw wire	
	United States.....	2002.. 14 693
		1997.. N

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3314921	Other nonferrous metal powders, paste, and flakes	
	United States .....	2002 .. 991 329
		1997 .. 963 564
	Connecticut .....	2002 .. 5 505
		1997 .. N
	New York .....	2002 .. 43 809
		1997 .. 56 727
	Pennsylvania .....	2002 .. 212 238
		1997 .. 243 492
	Rhode Island .....	2002 .. 84 479
		1997 .. N
3314927	Secondary smelting, refining, and alloying of zinc	
	United States .....	2002 .. 169 477
		1997 .. 303 964
3314929	Secondary precious metals and precious metal alloys	
	United States .....	2002 .. 277 531
		1997 .. 466 533
331492B	All other miscellaneous secondary nonferrous metals	
	United States .....	2002 .. 800 094
		1997 .. N
	California .....	2002 .. 143 677
		1997 .. N
	Ohio .....	2002 .. 36 515
		1997 .. N
	Pennsylvania .....	2002 .. 105 042
		1997 .. N
3315111	Ductile iron pressure pipe and fittings	
	United States .....	2002 .. 1 590 295
		1997 .. 1 542 695
	Alabama .....	2002 .. 649 635
		1997 .. 701 798
	Kansas .....	2002 .. 3 921
	1997 .. N	
	Pennsylvania .....	2002 .. 66 584
		1997 .. N
3315113	Other ductile iron castings	
	United States .....	2002 .. 2 948 924
		1997 .. 3 471 990
	Alabama .....	2002 .. 150 468
		1997 .. 208 741
	Arkansas .....	2002 .. 8 146
		1997 .. 5 401
	California .....	2002 .. 45 970
		1997 .. 56 715
	Illinois .....	2002 .. 175 780
		1997 .. 227 668
	Michigan .....	2002 .. 241 066
		1997 .. 209 825
	Minnesota .....	2002 .. 108 226
		1997 .. 83 307
	Ohio .....	2002 .. 361 408
		1997 .. 665 649
	Oklahoma .....	2002 .. 20 669
	1997 .. N	
Pennsylvania .....	2002 .. 171 292	
	1997 .. 228 513	
Texas .....	2002 .. 123 340	
	1997 .. 118 365	
Washington .....	2002 .. 14 601	
	1997 .. 3 437	
Wisconsin .....	2002 .. 652 195	
	1997 .. 678 359	
3315115	Cast iron pressure pipe and fittings	
	United States .....	2002 .. 35 398
		1997 .. 63 802
Wisconsin .....	2002 .. 4 464	
	1997 .. N	
3315117	Cast iron soil pipe and fittings, all sizes	
	United States .....	2002 .. 309 976
		1997 .. 254 152
3315119	Other gray iron castings	
	United States .....	2002 .. 4 475 717
		1997 .. 6 055 346
	Alabama .....	2002 .. 31 650
		1997 .. 46 256
	California .....	2002 .. 47 066
		1997 .. 67 094
	Illinois .....	2002 .. 222 001
		1997 .. 325 333
	Indiana .....	2002 .. 856 517
		1997 .. 921 913
	Iowa .....	2002 .. 125 597
		1997 .. 232 310
Kentucky .....	2002 .. 19 501	
	1997 .. N	
Michigan .....	2002 .. 1 017 353	
	1997 .. 1 004 607	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3315119	Other gray iron castings—Con.	
	Minnesota .....	2002.. 38 955
	.....	1997.. 47 405
	Missouri .....	2002.. 14 080
	.....	1997.. 52 575
	Ohio .....	2002.. 600 254
	.....	1997.. 1 294 048
	Oklahoma .....	2002.. 31 545
	.....	1997.. 19 441
	Pennsylvania.....	2002.. 185 588
.....	1997.. 271 238	
Tennessee.....	2002.. 203 857	
.....	1997.. 202 410	
Wisconsin .....	2002.. 638 642	
.....	1997.. 796 123	
331511A	Standard malleable iron castings	
	United States.....	2002.. 92 887
	.....	1997.. 205 659
Wisconsin .....	2002.. 18 288	
.....	1997.. 21 241	
331511C	Pearlitic malleable iron castings	
	United States.....	2002.. 130 962
.....	1997.. 132 615	
331511E	Molds and stools for heavy steel ingots	
	United States.....	2002.. 42 664
.....	1997.. 54 305	
3315120	Steel investment castings	
	United States.....	2002.. 2 124 145
	.....	1997.. 2 231 809
	Alabama.....	2002.. 39 031
	.....	1997.. N
	Arizona.....	2002.. 27 297
	.....	1997.. N
	California.....	2002.. 170 158
	.....	1997.. N
	Indiana.....	2002.. 138 011
	.....	1997.. N
	Michigan.....	2002.. 306 272
	.....	1997.. N
	Mississippi.....	2002.. 27 762
	.....	1997.. N
	Ohio.....	2002.. 227 278
	.....	1997.. N
	Oklahoma.....	2002.. 14 622
	.....	1997.. N
	Pennsylvania.....	2002.. 64 838
.....	1997.. N	
Tennessee.....	2002.. 15 336	
.....	1997.. N	
Texas.....	2002.. 162 895	
.....	1997.. N	
Utah.....	2002.. 20 556	
.....	1997.. N	
Wisconsin.....	2002.. 132 593	
.....	1997.. N	
3315131	Other carbon steel castings, except investment	
	United States.....	2002.. 1 195 916
	.....	1997.. 1 169 105
	Michigan.....	2002.. 55 470
	.....	1997.. 39 198
	Missouri.....	2002.. 3 890
	.....	1997.. 13 422
	Ohio.....	2002.. 106 373
	.....	1997.. 167 524
	Pennsylvania.....	2002.. 54 513
	.....	1997.. 91 569
	Texas.....	2002.. 28 752
	.....	1997.. 57 865
	Washington.....	2002.. 27 743
.....	1997.. 35 551	
Wisconsin.....	2002.. 72 174	
.....	1997.. 125 349	
3315133	High alloy steel castings, except investment	
	United States.....	2002.. 608 266
	.....	1997.. 738 566
	California.....	2002.. 17 588
	.....	1997.. 21 486
	Michigan.....	2002.. 61 133
	.....	1997.. 60 937
	Ohio.....	2002.. 26 895
	.....	1997.. 73 633
	Pennsylvania.....	2002.. 51 024
.....	1997.. 59 987	
Texas.....	2002.. 29 970	
.....	1997.. 37 900	
Wisconsin.....	2002.. 99 918	
.....	1997.. 165 484	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3315135	Other alloy steel castings, except investment	
	United States.....	2002.. 525 505
		1997.. 728 230
	Michigan.....	2002.. 40 297
		1997.. 28 643
	Ohio.....	2002.. 9 639
		1997.. 17 007
	Pennsylvania.....	2002.. 25 614
		1997.. 28 435
	Texas.....	2002.. 88 157
		1997.. 93 283
	Wisconsin.....	2002.. 14 361
	1997.. 46 177	
3315210	Aluminum die-castings	
	United States.....	2002.. 4 333 741
		1997.. 3 745 476
	Alabama.....	2002.. 8 468
		1997.. N
	California.....	2002.. 186 510
		1997.. N
	Colorado.....	2002.. 2 980
		1997.. N
	Connecticut.....	2002.. 3 362
		1997.. N
	Georgia.....	2002.. 66 196
		1997.. N
	Illinois.....	2002.. 349 893
		1997.. N
	Indiana.....	2002.. 628 116
		1997.. N
	Iowa.....	2002.. 49 828
		1997.. N
	Kentucky.....	2002.. 222 344
		1997.. N
	Maryland.....	2002.. 4 040
		1997.. N
	Massachusetts.....	2002.. 49 703
		1997.. N
	Michigan.....	2002.. 488 617
		1997.. N
	Minnesota.....	2002.. 218 230
		1997.. N
	Missouri.....	2002.. 90 114
		1997.. N
	New Jersey.....	2002.. 9 437
		1997.. N
New York.....	2002.. 181 154	
	1997.. N	
Ohio.....	2002.. 394 256	
	1997.. N	
Oregon.....	2002.. 34 648	
	1997.. N	
Pennsylvania.....	2002.. 111 922	
	1997.. N	
Rhode Island.....	2002.. 2 614	
	1997.. N	
Tennessee.....	2002.. 222 389	
	1997.. N	
Texas.....	2002.. 61 921	
	1997.. N	
Wisconsin.....	2002.. 648 855	
	1997.. N	
3315220	Nonferrous (except aluminum) die-castings	
	United States.....	2002.. 1 803 523
		1997.. 1 804 752
	Alabama.....	2002.. 8 292
		1997.. N
	California.....	2002.. 72 793
		1997.. N
	Connecticut.....	2002.. 13 464
		1997.. N
	Florida.....	2002.. 3 211
		1997.. N
	Illinois.....	2002.. 261 811
		1997.. N
	Indiana.....	2002.. 54 568
		1997.. N
	Iowa.....	2002.. 38 108
		1997.. N
	Kentucky.....	2002.. 105 924
		1997.. N
	Massachusetts.....	2002.. 9 935
		1997.. N
	Michigan.....	2002.. 262 461
		1997.. N
	Minnesota.....	2002.. 92 795
		1997.. N
	Missouri.....	2002.. 141 365
		1997.. N
New Jersey.....	2002.. 27 628	
	1997.. N	
New York.....	2002.. 96 683	
	1997.. N	
Ohio.....	2002.. 133 874	
	1997.. N	
Oregon.....	2002.. 139 524	
	1997.. N	
Pennsylvania.....	2002.. 94 585	
	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3315220	Nonferrous (except aluminum) die-castings—Con.	
	Rhode Island .....	2002.. 16 868
		1997.. N
	South Carolina .....	2002.. 25 401
		1997.. N
	Tennessee .....	2002.. 49 255
		1997.. N
	Texas .....	2002.. 25 507
		1997.. N
	Wisconsin .....	2002.. 41 344
		1997.. N
3315240	Aluminum foundries	
	United States .....	2002.. 3 476 653
		1997.. 3 581 465
	Alabama .....	2002.. 117 894
		1997.. N
	Arizona .....	2002.. 12 189
		1997.. N
	California .....	2002.. 194 953
		1997.. N
	Colorado .....	2002.. 7 133
		1997.. N
	Connecticut .....	2002.. 11 173
		1997.. N
	Florida .....	2002.. 17 375
		1997.. N
	Illinois .....	2002.. 85 735
		1997.. N
	Indiana .....	2002.. 490 953
		1997.. N
	Iowa .....	2002.. 37 339
		1997.. N
	Kansas .....	2002.. 7 493
		1997.. N
	Massachusetts .....	2002.. 29 183
		1997.. N
	Michigan .....	2002.. 156 765
		1997.. N
	Minnesota .....	2002.. 100 381
		1997.. N
	New Hampshire .....	2002.. 55 766
		1997.. N
	New Jersey .....	2002.. 12 684
		1997.. N
	New York .....	2002.. 55 230
		1997.. N
	North Carolina .....	2002.. 5 533
		1997.. N
Ohio .....	2002.. 369 236	
	1997.. N	
Oklahoma .....	2002.. 13 957	
	1997.. N	
Oregon .....	2002.. 11 924	
	1997.. N	
Pennsylvania .....	2002.. 152 877	
	1997.. N	
South Carolina .....	2002.. 2 012	
	1997.. N	
Texas .....	2002.. 76 990	
	1997.. N	
Washington .....	2002.. 101 951	
	1997.. N	
Wisconsin .....	2002.. 519 130	
	1997.. N	
3315250	Copper foundries	
	United States .....	2002.. 729 226
		1997.. 866 731
	Alabama .....	2002.. 18 976
		1997.. N
	Arizona .....	2002.. 7 668
		1997.. N
	California .....	2002.. 62 168
		1997.. N
	Connecticut .....	2002.. 2 517
		1997.. N
	Florida .....	2002.. 3 526
		1997.. N
	Georgia .....	2002.. 5 356
		1997.. N
	Illinois .....	2002.. 68 826
		1997.. N
	Indiana .....	2002.. 23 937
		1997.. N
	Iowa .....	2002.. 3 463
		1997.. N
Massachusetts .....	2002.. 6 896	
	1997.. N	
Michigan .....	2002.. 25 712	
	1997.. N	
Minnesota .....	2002.. 9 227	
	1997.. N	
Missouri .....	2002.. 13 020	
	1997.. N	
Montana .....	2002.. 3 409	
	1997.. N	
New Hampshire .....	2002.. 7 838	
	1997.. N	
New Jersey .....	2002.. 5 431	
	1997.. N	

See footnotes at end of table.

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[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3315250	Copper foundries—Con.		
	New Mexico .....	2 013	
	New York .....	17 417	
	North Carolina .....	6 169	
	Ohio .....	65 302	
	Oklahoma .....	10 623	
	Oregon .....	17 129	
	Pennsylvania .....	88 619	
	Rhode Island .....	5 207	
	Tennessee .....	15 710	
	Texas .....	27 927	
	Utah .....	7 338	
	Washington .....	3 619	
	Wisconsin .....	103 337	
		1997..	N
3315280	Other nonferrous foundries		
	United States .....	749 678	
	Arizona .....	1 065 937	
	California .....	19 961	
	Illinois .....	62 434	
	Indiana .....	16 342	
	Massachusetts .....	7 505	
	Michigan .....	7 062	
	New Jersey .....	78 154	
	New York .....	7 579	
	Ohio .....	18 719	
	Pennsylvania .....	253 742	
	Rhode Island .....	114 331	
	Texas .....	11 943	
	Washington .....	8 309	
	Wisconsin .....	6 751	
		1997..	N
	3321111	Hot impression die impact, press, and upset steel forgings	
		United States .....	2 544 480
		California .....	3 152 952
Colorado .....		79 565	
Illinois .....		85 655	
Kentucky .....		38 812	
Michigan .....		48 427	
Ohio .....		275 007	
Pennsylvania .....		262 460	
South Carolina .....		221 674	
Texas .....		132 032	
		396 186	
		406 074	
		430 233	
		531 618	
	123 042		
	250 874		
	27 482		
	N		
	150 197		
	439 747		
3321113	Cold impression die impact, press, and upset steel forgings		
	United States .....	457 271	
	Michigan .....	354 695	
	Ohio .....	33 873	
		71 253	
	181 457		
	N		
3321115	Seamless rolled ring forgings, ferrous, made from purchased iron and steel		
	United States .....	297 526	
	California .....	342 342	
		67 144	
	141 197		

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3321117	Open die and smith forgings (hammer and press), ferrous, made from purchased iron and steel	
	United States .....	2002.. 528 019
	.....	1997.. 505 124
	Illinois .....	2002.. 55 291
	.....	1997.. 38 097
3321121	Hot impression die impact, press, and upset nonferrous forgings	
	United States .....	2002.. 1 381 988
	.....	1997.. 1 528 804
3321122	Other nonferrous forgings	
	United States .....	2002.. 395 614
	.....	1997.. 518 512
	California .....	2002.. 213 498
	.....	1997.. 154 550
3321140	Custom roll form products	
	United States .....	2002.. 4 030 320
	.....	1997.. 3 455 053
	Alabama .....	2002.. 44 189
	.....	1997.. N
	Arizona .....	2002.. 43 527
	.....	1997.. N
	Arkansas .....	2002.. 4 607
	.....	1997.. N
	California .....	2002.. 255 666
	.....	1997.. N
	Colorado .....	2002.. 25 154
	.....	1997.. N
	Connecticut .....	2002.. 23 763
	.....	1997.. N
	Florida .....	2002.. 224 309
	.....	1997.. N
	Georgia .....	2002.. 98 761
	.....	1997.. N
	Idaho .....	2002.. 4 990
	.....	1997.. N
	Illinois .....	2002.. 296 210
	.....	1997.. N
	Indiana .....	2002.. 243 487
	.....	1997.. N
	Iowa .....	2002.. 87 786
	.....	1997.. N
	Kansas .....	2002.. 26 308
	.....	1997.. N
	Kentucky .....	2002.. 122 700
	.....	1997.. N
	Maryland .....	2002.. 67 288
	.....	1997.. N
	Massachusetts .....	2002.. 37 686
	.....	1997.. N
	Michigan .....	2002.. 148 554
	.....	1997.. N
	Minnesota .....	2002.. 38 973
	.....	1997.. N
	Missouri .....	2002.. 55 024
	.....	1997.. N
	Nebraska .....	2002.. 80 693
	.....	1997.. N
	Nevada .....	2002.. 16 615
	.....	1997.. N
	New Jersey .....	2002.. 75 938
	.....	1997.. N
	New York .....	2002.. 26 461
	.....	1997.. N
	North Carolina .....	2002.. 25 291
	.....	1997.. N
	Ohio .....	2002.. 936 916
	.....	1997.. N
	Oklahoma .....	2002.. 4 897
	.....	1997.. N
	Oregon .....	2002.. 22 551
	.....	1997.. N
	Pennsylvania .....	2002.. 139 851
	.....	1997.. N
	South Carolina .....	2002.. 67 967
	.....	1997.. N
	Tennessee .....	2002.. 104 280
	.....	1997.. N
	Texas .....	2002.. 374 933
	.....	1997.. N
	Utah .....	2002.. 39 387
	.....	1997.. N
	Virginia .....	2002.. 27 088
	.....	1997.. N
	Washington .....	2002.. 51 157
	.....	1997.. N
	Wisconsin .....	2002.. 92 679
	.....	1997.. N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3321150	Crowns and closures	
	United States .....	2002 .. 900 861
		1997 .. 969 693
	California .....	2002 .. 34 382
		1997 .. N
	Connecticut .....	2002 .. 56 935
		1997 .. N
	Indiana .....	2002 .. 182 846
		1997 .. N
	Michigan .....	2002 .. 9 066
		1997 .. N
	Missouri .....	2002 .. 14 811
		1997 .. N
New York .....	2002 .. 13 234	
	1997 .. N	
Pennsylvania .....	2002 .. 95 283	
	1997 .. N	
Wisconsin .....	2002 .. 4 008	
	1997 .. N	
3321161	Job stampings, except automotive	
	United States .....	2002 .. 5 915 080
		1997 .. 7 976 387
	Alabama .....	2002 .. 92 579
		1997 .. 59 140
	Arkansas .....	2002 .. 41 541
		1997 .. N
	California .....	2002 .. 401 685
		1997 .. 615 386
	Connecticut .....	2002 .. 322 713
		1997 .. 418 838
	Florida .....	2002 .. 55 152
		1997 .. 120 810
	Georgia .....	2002 .. 87 116
		1997 .. 75 074
	Illinois .....	2002 .. 1 089 034
		1997 .. 1 580 542
	Indiana .....	2002 .. 226 588
		1997 .. 326 511
	Iowa .....	2002 .. 72 440
		1997 .. 24 351
	Kentucky .....	2002 .. 230 760
		1997 .. 235 602
	Massachusetts .....	2002 .. 117 781
		1997 .. 257 272
	Michigan .....	2002 .. 302 656
		1997 .. 394 131
	Minnesota .....	2002 .. 297 710
		1997 .. 583 558
	Missouri .....	2002 .. 86 676
		1997 .. 89 584
	New Hampshire .....	2002 .. 40 717
	1997 .. 27 281	
New Jersey .....	2002 .. 181 312	
	1997 .. 286 292	
New York .....	2002 .. 150 689	
	1997 .. 259 026	
Ohio .....	2002 .. 633 529	
	1997 .. 862 595	
Pennsylvania .....	2002 .. 292 449	
	1997 .. 310 159	
Tennessee .....	2002 .. 82 652	
	1997 .. 143 338	
Texas .....	2002 .. 105 866	
	1997 .. 198 561	
Virginia .....	2002 .. 15 785	
	1997 .. 19 824	
Wisconsin .....	2002 .. 470 633	
	1997 .. 595 865	
3321163	Metal spinning products, excluding cooking and kitchen utensils	
	United States .....	2002 .. 152 775
		1997 .. 167 019
	California .....	2002 .. 12 827
		1997 .. 21 741
	Indiana .....	2002 .. 31 004
	1997 .. 20 867	
Ohio .....	2002 .. 7 446	
	1997 .. 8 593	
3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products	
	United States .....	2002 .. 1 703 836
		1997 .. N
	California .....	2002 .. 109 968
		1997 .. N
	Indiana .....	2002 .. 36 516
		1997 .. N
	Massachusetts .....	2002 .. 60 507
		1997 .. N
	Missouri .....	2002 .. 32 991
	1997 .. N	
Ohio .....	2002 .. 248 588	
	1997 .. N	
Virginia .....	2002 .. 24 247	
	1997 .. N	
3321170	Powder metallurgy parts	
	United States .....	2002 .. 1 293 105
	1997 .. 1 316 959	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3321170	Powder metallurgy parts—Con.	
	California .....	2002 .. 56 478
		1997 .. N
	Connecticut .....	2002 .. 20 427
		1997 .. N
	Illinois .....	2002 .. 62 150
		1997 .. N
	Indiana .....	2002 .. 157 596
		1997 .. N
	Massachusetts .....	2002 .. 37 609
		1997 .. N
	Michigan .....	2002 .. 63 322
		1997 .. N
	Ohio .....	2002 .. 20 010
	1997 .. N	
Oklahoma .....	2002 .. 21 713	
	1997 .. N	
Pennsylvania .....	2002 .. 499 845	
	1997 .. N	
Tennessee .....	2002 .. 25 061	
	1997 .. N	
Texas .....	2002 .. 10 319	
	1997 .. N	
Wisconsin .....	2002 .. 138 666	
	1997 .. N	
3322112	Cutlery, scissors, shears, trimmers, and snips	
	United States .....	2002 .. 622 160
		1997 .. N
	North Carolina .....	2002 .. 12 317
		1997 .. N
3322113	Razor blades and razors, except electric	
	United States .....	2002 .. 1 118 872
		1997 .. 1 158 733
3322122	Mechanics' hand service tools	
	United States .....	2002 .. 2 096 407
		1997 .. N
	California .....	2002 .. 61 279
		1997 .. N
	Connecticut .....	2002 .. 59 751
		1997 .. N
	Illinois .....	2002 .. 205 067
		1997 .. N
	Massachusetts .....	2002 .. 27 900
		1997 .. N
	Michigan .....	2002 .. 45 464
		1997 .. N
	Missouri .....	2002 .. 42 672
		1997 .. N
	New York .....	2002 .. 27 569
		1997 .. N
	North Carolina .....	2002 .. 239 890
		1997 .. N
	Ohio .....	2002 .. 205 367
	1997 .. N	
Pennsylvania .....	2002 .. 94 853	
	1997 .. N	
Tennessee .....	2002 .. 87 326	
	1997 .. N	
Texas .....	2002 .. 154 612	
	1997 .. N	
Wisconsin .....	2002 .. 75 251	
	1997 .. N	
3322123	Edge tools, hand-operated	
	United States .....	2002 .. 547 163
		1997 .. 591 243
	California .....	2002 .. 41 534
		1997 .. 38 483
	Connecticut .....	2002 .. 12 048
		1997 .. N
	Illinois .....	2002 .. 26 556
		1997 .. 20 969
	Massachusetts .....	2002 .. 42 590
		1997 .. 44 496
	Missouri .....	2002 .. 17 408
	1997 .. N	
New Jersey .....	2002 .. 65 916	
	1997 .. 29 787	
3322125	Dies and interchangeable cutting tools, for machines and power-driven handtools	
	United States .....	2002 .. 785 592
		1997 .. 833 765
	California .....	2002 .. 50 003
		1997 .. 45 374
	Connecticut .....	2002 .. 2 936
		1997 .. 5 208
	Illinois .....	2002 .. 42 027
		1997 .. 82 050
	Indiana .....	2002 .. 26 513
		1997 .. 48 532
	Massachusetts .....	2002 .. 19 061
		1997 .. 37 569
	Michigan .....	2002 .. 39 220
	1997 .. 63 542	
Missouri .....	2002 .. 11 493	
	1997 .. 53 160	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3322125	Dies and interchangeable cutting tools, for machines and power-driven handtools—Con.	
	New Jersey .....	2002 .. 30 252
	.....	1997 .. 27 076
	New York .....	2002 .. 50 387
	.....	1997 .. 22 972
	North Carolina .....	2002 .. 76 815
	.....	1997 .. 46 315
	Ohio .....	2002 .. 80 898
	.....	1997 .. 93 854
	Pennsylvania .....	2002 .. 24 205
.....	1997 .. 33 829	
Texas .....	2002 .. 72 696	
.....	1997 .. 13 560	
Wisconsin .....	2002 .. 17 994	
.....	1997 .. 14 146	
3322128	All other miscellaneous handtools	
	United States .....	2002 .. 1 171 354
	.....	1997 .. N
	California .....	2002 .. 146 601
	.....	1997 .. N
	Connecticut .....	2002 .. 82 416
	.....	1997 .. N
	Illinois .....	2002 .. 120 993
	.....	1997 .. N
	Kansas .....	2002 .. 11 192
	.....	1997 .. N
	Kentucky .....	2002 .. 2 800
	.....	1997 .. N
	Minnesota .....	2002 .. 35 233
	.....	1997 .. N
	North Carolina .....	2002 .. 8 765
.....	1997 .. N	
Oregon .....	2002 .. 22 829	
.....	1997 .. N	
Pennsylvania .....	2002 .. 87 837	
.....	1997 .. N	
Washington .....	2002 .. 5 999	
.....	1997 .. N	
Wisconsin .....	2002 .. 8 611	
.....	1997 .. N	
3322129	Precision measuring tools (inspection, quality control, tool room, and machinists')	
	United States .....	2002 .. 713 047
	.....	1997 .. 701 831
	California .....	2002 .. 148 803
	.....	1997 .. 159 215
	Connecticut .....	2002 .. 15 774
	.....	1997 .. 21 258
	Illinois .....	2002 .. 71 259
	.....	1997 .. 27 611
	Michigan .....	2002 .. 108 386
	.....	1997 .. 138 421
	Minnesota .....	2002 .. 124 866
	.....	1997 .. N
	New York .....	2002 .. 94 677
	.....	1997 .. 103 992
	Ohio .....	2002 .. 36 029
.....	1997 .. 32 962	
Tennessee .....	2002 .. 9 135	
.....	1997 .. N	
Texas .....	2002 .. 11 796	
.....	1997 .. N	
3322130	Saw blades and handsaws	
	United States .....	2002 .. 1 193 757
	.....	1997 .. 1 283 032
	Alabama .....	2002 .. 6 203
	.....	1997 .. N
	California .....	2002 .. 127 483
	.....	1997 .. N
	Florida .....	2002 .. 22 070
	.....	1997 .. N
	Georgia .....	2002 .. 20 032
	.....	1997 .. N
	Illinois .....	2002 .. 34 181
	.....	1997 .. N
	Kentucky .....	2002 .. 53 255
	.....	1997 .. N
	Massachusetts .....	2002 .. 228 729
	.....	1997 .. N
	Michigan .....	2002 .. 11 428
	.....	1997 .. N
	Mississippi .....	2002 .. 3 247
	.....	1997 .. N
	New Jersey .....	2002 .. 11 324
.....	1997 .. N	
New York .....	2002 .. 29 422	
.....	1997 .. N	
North Carolina .....	2002 .. 51 292	
.....	1997 .. N	
Ohio .....	2002 .. 83 672	
.....	1997 .. N	
Pennsylvania .....	2002 .. 17 482	
.....	1997 .. N	
South Carolina .....	2002 .. 71 697	
.....	1997 .. N	
Tennessee .....	2002 .. 15 934	
.....	1997 .. N	
Wisconsin .....	2002 .. 35 573	
.....	1997 .. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3322141	Stamped and spun utensils, cooking and kitchen, aluminum	
	United States .....	2002.. 818 725
		1997.. 783 759
	California .....	2002.. 21 563
		1997.. 12 064
	Illinois .....	2002.. 23 118
3322143	Stamped and spun utensils, cooking and kitchen, except aluminum	
	United States .....	2002.. 541 828
		1997.. 562 185
	Illinois .....	2002.. 36 823
		1997.. 109 500
	New York .....	2002.. 10 772
3323111	Prefabricated metal building and component systems (excluding farm service buildings, residential buildings, and parts)	
	United States .....	2002.. 2 947 570
		1997.. 2 969 439
	Alabama .....	2002.. 94 473
		1997.. 162 257
	California .....	2002.. 199 059
		1997.. 118 053
	Florida .....	2002.. 76 452
		1997.. 105 990
	Georgia .....	2002.. 217 904
		1997.. 144 137
	Illinois .....	2002.. 304 325
		1997.. 314 069
	Indiana .....	2002.. 123 868
		1997.. 152 220
	Louisiana .....	2002.. 61 112
		1997.. 71 628
	Mississippi .....	2002.. 110 046
		1997.. 157 904
	Nebraska .....	2002.. 110 872
		1997.. 115 764
	New York .....	2002.. 60 528
		1997.. 26 717
	North Carolina .....	2002.. 157 754
		1997.. 226 356
	Ohio .....	2002.. 73 940
		1997.. 86 349
Pennsylvania .....	2002.. 27 353	
	1997.. 27 746	
Tennessee .....	2002.. 137 390	
	1997.. N	
Texas .....	2002.. 537 500	
	1997.. 327 028	
Virginia .....	2002.. 50 987	
	1997.. N	
Wisconsin .....	2002.. 85 419	
	1997.. N	
3323113	Other prefabricated and portable metal buildings and parts	
	United States .....	2002.. 1 158 411
		1997.. 1 043 701
	Alabama .....	2002.. 10 926
		1997.. 62 592
	California .....	2002.. 124 947
		1997.. 75 496
	Florida .....	2002.. 54 295
		1997.. 56 661
	Georgia .....	2002.. 62 151
		1997.. 76 933
	Illinois .....	2002.. 53 674
		1997.. N
	Indiana .....	2002.. 22 291
		1997.. 13 901
	Louisiana .....	2002.. 19 420
		1997.. 11 321
	Mississippi .....	2002.. 6 492
		1997.. 12 087
	Nebraska .....	2002.. 34 091
		1997.. N
	New York .....	2002.. 6 133
		1997.. 34 256
	North Carolina .....	2002.. 26 982
		1997.. N
	Ohio .....	2002.. 76 113
		1997.. 62 454
Pennsylvania .....	2002.. 40 479	
	1997.. 59 650	
Tennessee .....	2002.. 5 228	
	1997.. N	
Texas .....	2002.. 72 359	
	1997.. 123 308	
Virginia .....	2002.. 47 307	
	1997.. N	
Wisconsin .....	2002.. 15 172	
	1997.. N	
3323121	Fabricated structural metal bar joists and concrete reinforcing bars	
	United States .....	2002.. 9 496 008
		1997.. 8 651 407
	Alabama .....	2002.. 342 804
	1997.. 345 043	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3323121	Fabricated structural metal bar joists and concrete reinforcing bars—Con.	
	Arizona ..... 2002..	225 478
	..... 1997..	244 443
	California ..... 2002..	810 779
	..... 1997..	642 671
	Colorado ..... 2002..	98 651
	..... 1997..	109 425
	Connecticut ..... 2002..	78 903
	..... 1997..	34 484
	Florida ..... 2002..	345 894
	..... 1997..	307 915
	Georgia ..... 2002..	332 985
	..... 1997..	187 936
	Illinois ..... 2002..	310 244
	..... 1997..	472 453
	Indiana ..... 2002..	355 361
	..... 1997..	355 783
	Iowa ..... 2002..	84 075
	..... 1997..	105 621
	Kansas ..... 2002..	180 589
	..... 1997..	61 862
	Maine ..... 2002..	73 171
	..... 1997..	37 278
	Maryland ..... 2002..	82 021
	..... 1997..	97 466
	Massachusetts ..... 2002..	60 539
	..... 1997..	76 333
	Michigan ..... 2002..	268 698
	..... 1997..	316 202
	Minnesota ..... 2002..	130 147
	..... 1997..	126 690
	Mississippi ..... 2002..	202 290
	..... 1997..	151 023
	Nebraska ..... 2002..	82 086
	..... 1997..	106 600
	New Jersey ..... 2002..	326 699
	..... 1997..	204 787
	New Mexico ..... 2002..	26 723
	..... 1997..	18 604
	New York ..... 2002..	228 605
	..... 1997..	205 391
	North Carolina ..... 2002..	280 499
	..... 1997..	241 628
	Ohio ..... 2002..	352 227
	..... 1997..	352 627
	Oklahoma ..... 2002..	101 176
	..... 1997..	111 793
	Oregon ..... 2002..	83 056
	..... 1997..	113 877
	Pennsylvania ..... 2002..	653 506
	..... 1997..	612 822
	South Carolina ..... 2002..	363 872
	..... 1997..	388 892
	Tennessee ..... 2002..	224 474
	..... 1997..	227 989
	Texas ..... 2002..	1 034 447
	..... 1997..	800 628
	Utah ..... 2002..	130 600
	..... 1997..	237 583
	Virginia ..... 2002..	303 434
	..... 1997..	261 404
	Washington ..... 2002..	169 458
	..... 1997..	120 668
	Wisconsin ..... 2002..	211 684
	..... 1997..	171 954
	Wyoming ..... 2002..	13 694
	..... 1997..	8 953
3323123	Fabricated structural metal for bridges	
	United States ..... 2002..	1 036 854
	..... 1997..	566 114
	California ..... 2002..	20 370
	..... 1997..	N
	Georgia ..... 2002..	14 994
	..... 1997..	8 434
	Indiana ..... 2002..	28 650
	..... 1997..	19 398
	Massachusetts ..... 2002..	13 368
	..... 1997..	13 716
	Minnesota ..... 2002..	35 269
	..... 1997..	N
	Nebraska ..... 2002..	18 826
	..... 1997..	7 348
	New Jersey ..... 2002..	2 383
	..... 1997..	N
	North Carolina ..... 2002..	46 743
	..... 1997..	N
	Ohio ..... 2002..	37 256
	..... 1997..	25 517
	Pennsylvania ..... 2002..	229 053
	..... 1997..	47 666
	Tennessee ..... 2002..	16 761
	..... 1997..	10 276
	Texas ..... 2002..	75 793
	..... 1997..	N
3323125	Other fabricated structural metal	
	United States ..... 2002..	4 065 080
	..... 1997..	3 248 613
	Arizona ..... 2002..	5 546
	..... 1997..	10 378

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3323125	Other fabricated structural metal—Con.	
	California .....	285 739
	Georgia .....	63 799
	Indiana .....	109 605
	Iowa .....	39 277
	Kentucky .....	45 949
	Louisiana .....	46 707
	Massachusetts .....	565 341
	Minnesota .....	546 363
	Mississippi .....	26 132
	Missouri .....	10 071
	Nebraska .....	57 250
	New Jersey .....	9 239
	North Carolina .....	8 471
	Ohio .....	27 922
	Pennsylvania .....	239 735
	Tennessee .....	34 387
	Texas .....	23 304
	Washington .....	17 258
		19 924
		16 898
		16 990
		69 765
		79 569
		162 734
		168 772
	203 464	
	49 546	
	41 156	
	557 498	
	583 520	
	22 320	
	1997..	34 660
3323130	Fabricated plate work (stacks and weldments)	
	United States .....	3 145 341
	Alabama .....	2 894 827
	Arizona .....	77 464
	California .....	N
	Colorado .....	12 644
	Connecticut .....	N
	Florida .....	231 179
	Georgia .....	N
	Idaho .....	27 287
	Illinois .....	N
	Indiana .....	29 575
	Iowa .....	N
	Kansas .....	74 277
	Kentucky .....	N
	Louisiana .....	17 359
	Maine .....	N
	Maryland .....	6 243
	Massachusetts .....	N
	Michigan .....	139 555
	Minnesota .....	N
	Mississippi .....	62 611
	Missouri .....	N
	Montana .....	26 145
	Nebraska .....	N
	Nevada .....	82 194
	New Hampshire .....	N
	New Jersey .....	22 199
	New York .....	N
	North Carolina .....	44 911
	Ohio .....	N
	Oklahoma .....	3 626
	Oregon .....	N
		25 299
		N
		70 518
		N
		448 752
		N
		77 888
		N
		20 199
		N
		60 319
		N
		3 006
		N
	37 605	
	N	
	3 866	
	N	
	8 619	
	N	
	27 833	
	N	
	31 062	
	N	
	68 966	
	N	
	206 112	
	N	
	146 190	
	N	
	34 062	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3323130	Fabricated plate work (stacks and weldments)—Con.		
	Oregon—Con.		
	Pennsylvania .....	1997.. N 2002.. 265 609	
	South Carolina .....	1997.. N 2002.. 73 410	
	South Dakota .....	1997.. N 2002.. 8 567	
	Tennessee .....	1997.. N 2002.. 58 637	
	Texas .....	1997.. N 2002.. 289 079	
	Utah .....	1997.. N 2002.. 15 022	
	Virginia .....	1997.. N 2002.. 36 199	
	Washington .....	1997.. N 2002.. 26 553	
	West Virginia .....	1997.. N 2002.. 4 108	
	Wisconsin .....	1997.. N 2002.. 172 399	
		1997.. N	
	3323211	Metal doors (except storm doors)	
United States .....		2002.. 5 386 625 1997.. 4 700 215	
Alabama .....		2002.. 78 752 1997.. 77 326	
Arizona .....		2002.. 99 834 1997.. 85 975	
California .....		2002.. 508 074 1997.. 522 260	
Colorado .....		2002.. 61 330 1997.. 18 641	
Florida .....		2002.. 302 393 1997.. 295 842	
Georgia .....		2002.. 263 611 1997.. 332 332	
Illinois .....		2002.. 252 693 1997.. 173 663	
Indiana .....		2002.. 434 570 1997.. 289 210	
Kansas .....		2002.. 131 598 1997.. 117 455	
Maryland .....		2002.. 33 774 1997.. 13 579	
Massachusetts .....		2002.. 6 757 1997.. 17 004	
Michigan .....		2002.. 74 911 1997.. 147 870	
Minnesota .....		2002.. 16 373 1997.. 24 821	
Mississippi .....		2002.. 72 985 1997.. N	
Missouri .....		2002.. 50 196 1997.. 43 279	
New Jersey .....		2002.. 80 302 1997.. 59 930	
New Mexico .....		2002.. 7 828 1997.. 6 130	
New York .....		2002.. 149 365 1997.. 91 619	
North Carolina .....		2002.. 78 909 1997.. 30 422	
Ohio .....		2002.. 717 748 1997.. 615 524	
Oklahoma .....		2002.. 81 095 1997.. 21 479	
Oregon .....		2002.. 79 118 1997.. 128 785	
Pennsylvania .....		2002.. 350 227 1997.. 242 054	
South Carolina .....		2002.. 29 896 1997.. N	
South Dakota .....		2002.. 15 167 1997.. N	
Tennessee .....		2002.. 310 249 1997.. 268 205	
Texas .....		2002.. 256 255 1997.. 258 384	
Utah .....		2002.. 44 088 1997.. 23 565	
Washington .....		2002.. 26 954 1997.. 51 859	
Wisconsin .....		2002.. 156 413 1997.. 128 041	
3323213		Metal windows (except storm sash)	
		United States .....	2002.. 2 142 257 1997.. 1 919 103
		California .....	2002.. 225 788 1997.. 185 932
		Florida .....	2002.. 276 994 1997.. 127 519
		Georgia .....	2002.. 57 521 1997.. 63 498
		Kansas .....	2002.. 28 520 1997.. 30 511
		Louisiana .....	2002.. 11 833 1997.. 13 051

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3323213	Metal windows (except storm sash)—Con.	
	Massachusetts .....	2002 .. 9 954
	.....	1997 .. 14 182
	Michigan .....	2002 .. 11 949
	.....	1997 .. 42 514
	Mississippi .....	2002 .. 19 814
	.....	1997 .. N
	Missouri .....	2002 .. 172 608
	.....	1997 .. 189 341
	New Jersey .....	2002 .. 110 549
	.....	1997 .. 26 617
	New York .....	2002 .. 109 525
	.....	1997 .. 68 090
	Ohio .....	2002 .. 23 422
	.....	1997 .. 28 547
Pennsylvania .....	2002 .. 213 343	
.....	1997 .. 162 302	
Tennessee .....	2002 .. 39 583	
.....	1997 .. 128 600	
Texas .....	2002 .. 398 917	
.....	1997 .. 231 575	
Washington .....	2002 .. 8 482	
.....	1997 .. N	
Wisconsin .....	2002 .. 102 896	
.....	1997 .. 77 903	
3323215	Metal molding and trim and store fronts	
	United States .....	2002 .. 988 156
	.....	1997 .. 876 573
	Florida .....	2002 .. 143 042
	.....	1997 .. 58 285
	Georgia .....	2002 .. 80 100
	.....	1997 .. 72 287
	Illinois .....	2002 .. 17 335
	.....	1997 .. 35 275
	Indiana .....	2002 .. 8 465
	.....	1997 .. 38 622
	Michigan .....	2002 .. 3 347
	.....	1997 .. N
	Missouri .....	2002 .. 21 062
.....	1997 .. 33 130	
New Jersey .....	2002 .. 14 031	
.....	1997 .. 9 159	
Texas .....	2002 .. 178 186	
.....	1997 .. 148 390	
Virginia .....	2002 .. 8 496	
.....	1997 .. N	
3323217	Metal combination screen, storm sash, and storm doors	
	United States .....	2002 .. 544 830
	.....	1997 .. 485 069
	Florida .....	2002 .. 36 501
	.....	1997 .. 22 965
	Illinois .....	2002 .. 9 192
	.....	1997 .. 5 874
	Iowa .....	2002 .. 263 031
	.....	1997 .. N
	Michigan .....	2002 .. 3 589
	.....	1997 .. N
	Missouri .....	2002 .. 10 582
	.....	1997 .. N
	New Jersey .....	2002 .. 3 028
.....	1997 .. N	
Texas .....	2002 .. 5 366	
.....	1997 .. 20 383	
3323219	Metal window and door screens (except combination) and metal weather strip	
	United States .....	2002 .. 342 932
	.....	1997 .. 295 818
	California .....	2002 .. 62 494
	.....	1997 .. 34 594
	Florida .....	2002 .. 5 686
	.....	1997 .. 14 822
	Indiana .....	2002 .. 9 929
	.....	1997 .. N
	Michigan .....	2002 .. 5 422
	.....	1997 .. N
	New York .....	2002 .. 7 792
	.....	1997 .. N
	Ohio .....	2002 .. 31 186
.....	1997 .. 28 009	
Tennessee .....	2002 .. 39 579	
.....	1997 .. 31 666	
Texas .....	2002 .. 38 198	
.....	1997 .. 22 683	
3323221	Sheet metal air-conditioning ducts and stove pipe	
	United States .....	2002 .. 1 831 782
	.....	1997 .. 1 403 145
	Alabama .....	2002 .. 9 829
	.....	1997 .. 46 572
	Arizona .....	2002 .. 13 604
	.....	1997 .. 3 401
	California .....	2002 .. 133 415
	.....	1997 .. 99 066
	Colorado .....	2002 .. 21 311
	.....	1997 .. 16 027
Connecticut .....	2002 .. 13 007	
.....	1997 .. 3 567	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3323221	Sheet metal air-conditioning ducts and stove pipe—Con.	
	Florida .....	2002.. 93 281
		1997.. 119 950
	Georgia .....	2002.. 36 908
		1997.. 43 953
	Illinois .....	2002.. 50 175
		1997.. 40 970
	Indiana .....	2002.. 83 881
		1997.. 61 203
	Iowa .....	2002.. 27 472
		1997.. 5 952
	Kentucky .....	2002.. 4 199
		1997.. 9 567
	Louisiana .....	2002.. 19 247
		1997.. 14 696
	Maryland .....	2002.. 8 288
		1997.. 11 843
	Massachusetts .....	2002.. 75 722
		1997.. 22 665
	Michigan .....	2002.. 43 883
		1997.. 12 945
	Minnesota .....	2002.. 71 386
		1997.. 63 499
	Mississippi .....	2002.. 52 621
		1997.. 66 582
	Missouri .....	2002.. 11 865
		1997.. 24 787
	Nevada .....	2002.. 2 168
		1997.. 4 233
	New Jersey .....	2002.. 46 763
		1997.. 29 131
	New York .....	2002.. 140 781
		1997.. 88 878
	North Carolina .....	2002.. 108 583
	1997.. 16 185	
Ohio .....	2002.. 124 687	
	1997.. 87 630	
Oregon .....	2002.. 13 934	
	1997.. 12 229	
Pennsylvania .....	2002.. 115 459	
	1997.. 123 232	
Tennessee .....	2002.. 97 864	
	1997.. N	
Texas .....	2002.. 129 502	
	1997.. 102 097	
Utah .....	2002.. 8 070	
	1997.. 5 500	
Virginia .....	2002.. 52 242	
	1997.. 42 274	
Washington .....	2002.. 39 947	
	1997.. 31 460	
West Virginia .....	2002.. 23 445	
	1997.. N	
Wisconsin .....	2002.. 14 077	
	1997.. 8 145	
3323223	Sheet metal culverts, flumes, irrigation pipes, etc.	
	United States .....	2002.. 560 062
		1997.. 424 827
	California .....	2002.. 37 964
		1997.. 12 642
	Georgia .....	2002.. 44 456
		1997.. N
	Illinois .....	2002.. 6 025
		1997.. N
	Minnesota .....	2002.. 13 382
		1997.. N
	Mississippi .....	2002.. 43 730
		1997.. 30 364
	Missouri .....	2002.. 16 731
	1997.. N	
Oklahoma .....	2002.. 11 954	
	1997.. N	
Oregon .....	2002.. 11 954	
	1997.. N	
3323227	Sheet metal roofing and roof drainage equipment	
	United States .....	2002.. 1 444 863
		1997.. 1 390 714
	Alabama .....	2002.. 79 715
		1997.. 63 752
	Arizona .....	2002.. 27 746
		1997.. 3 508
	Arkansas .....	2002.. 2 398
		1997.. N
	California .....	2002.. 186 870
		1997.. 139 398
	Connecticut .....	2002.. 12 353
		1997.. N
	Florida .....	2002.. 51 237
		1997.. 40 142
	Georgia .....	2002.. 54 213
		1997.. 57 027
	Illinois .....	2002.. 44 910
		1997.. 73 890
Indiana .....	2002.. 6 296	
	1997.. 80 203	
Kentucky .....	2002.. 27 100	
	1997.. 28 558	
Louisiana .....	2002.. 9 516	
	1997.. 3 393	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3323227	Sheet metal roofing and roof drainage equipment—Con.	
	Michigan .....	2002 . . . . . 32 509
	.....	1997 . . . . . 20 933
	Missouri .....	2002 . . . . . 5 376
	.....	1997 . . . . . 24 319
	New York .....	2002 . . . . . 20 892
	.....	1997 . . . . . N
	North Carolina .....	2002 . . . . . 23 089
	.....	1997 . . . . . 34 618
	Ohio .....	2002 . . . . . 49 393
	.....	1997 . . . . . 66 903
	Oklahoma .....	2002 . . . . . 2 535
	.....	1997 . . . . . N
	Oregon .....	2002 . . . . . 25 954
	.....	1997 . . . . . 19 548
	Pennsylvania .....	2002 . . . . . 209 634
	.....	1997 . . . . . 111 698
	South Carolina .....	2002 . . . . . 26 752
.....	1997 . . . . . N	
Tennessee .....	2002 . . . . . 56 263	
.....	1997 . . . . . 75 448	
Texas .....	2002 . . . . . 103 976	
.....	1997 . . . . . 136 613	
Virginia .....	2002 . . . . . 17 019	
.....	1997 . . . . . 17 267	
Washington .....	2002 . . . . . 54 433	
.....	1997 . . . . . 43 877	
Wisconsin .....	2002 . . . . . 14 102	
.....	1997 . . . . . N	
3323229	Sheet metal flooring and siding	
	United States .....	2002 . . . . . 900 691
	.....	1997 . . . . . 948 830
	Alabama .....	2002 . . . . . 6 347
	.....	1997 . . . . . N
	California .....	2002 . . . . . 75 528
	.....	1997 . . . . . 79 220
	Florida .....	2002 . . . . . 17 083
	.....	1997 . . . . . 17 564
	Idaho .....	2002 . . . . . 5 446
	.....	1997 . . . . . N
	Illinois .....	2002 . . . . . 82 204
	.....	1997 . . . . . 68 619
	Indiana .....	2002 . . . . . 63 381
	.....	1997 . . . . . 39 855
	Massachusetts .....	2002 . . . . . 2 524
	.....	1997 . . . . . 4 336
	Michigan .....	2002 . . . . . 48 025
	.....	1997 . . . . . 20 825
	North Carolina .....	2002 . . . . . 15 016
	.....	1997 . . . . . 17 937
	Oklahoma .....	2002 . . . . . 3 412
.....	1997 . . . . . N	
Oregon .....	2002 . . . . . 34 361	
.....	1997 . . . . . 25 297	
Pennsylvania .....	2002 . . . . . 62 445	
.....	1997 . . . . . 34 831	
Texas .....	2002 . . . . . 40 431	
.....	1997 . . . . . 52 499	
Utah .....	2002 . . . . . 18 457	
.....	1997 . . . . . 16 174	
Washington .....	2002 . . . . . 40 873	
.....	1997 . . . . . N	
332322A	Sheet metal awnings, canopies, cornices, and soffits	
	United States .....	2002 . . . . . 684 375
	.....	1997 . . . . . 722 495
	Alabama .....	2002 . . . . . 23 391
	.....	1997 . . . . . 13 508
	Arizona .....	2002 . . . . . 28 457
	.....	1997 . . . . . N
	California .....	2002 . . . . . 57 277
	.....	1997 . . . . . 104 420
	Florida .....	2002 . . . . . 45 939
	.....	1997 . . . . . 48 757
	Georgia .....	2002 . . . . . 27 556
	.....	1997 . . . . . N
	Indiana .....	2002 . . . . . 24 789
	.....	1997 . . . . . N
	Maryland .....	2002 . . . . . 12 253
	.....	1997 . . . . . 6 175
	Michigan .....	2002 . . . . . 13 706
	.....	1997 . . . . . 15 225
	Minnesota .....	2002 . . . . . 23 309
	.....	1997 . . . . . 7 321
	New York .....	2002 . . . . . 12 817
.....	1997 . . . . . 14 499	
Ohio .....	2002 . . . . . 25 427	
.....	1997 . . . . . 66 619	
Oregon .....	2002 . . . . . 3 809	
.....	1997 . . . . . 4 564	
Pennsylvania .....	2002 . . . . . 18 250	
.....	1997 . . . . . 22 346	
Texas .....	2002 . . . . . 122 007	
.....	1997 . . . . . 97 270	
Washington .....	2002 . . . . . 16 756	
.....	1997 . . . . . 9 942	
Wisconsin .....	2002 . . . . . 45 378	
.....	1997 . . . . . 42 310	
332322C	Sheet metal electronic enclosures	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
332322C	Sheet metal electronic enclosures—Con.		
	United States.....	2002.. 2 337 659 1997.. 3 348 016	
	Arizona.....	2002.. 21 227 1997.. 69 877	
	California.....	2002.. 567 386 1997.. 895 261	
	Colorado.....	2002.. 33 275 1997.. 68 142	
	Connecticut.....	2002.. 23 252 1997.. 21 148	
	Florida.....	2002.. 23 170 1997.. 59 533	
	Georgia.....	2002.. 15 294 1997.. 21 229	
	Illinois.....	2002.. 167 385 1997.. 159 774	
	Indiana.....	2002.. 23 960 1997.. 57 960	
	Maryland.....	2002.. 32 535 1997.. 23 656	
	Massachusetts.....	2002.. 106 226 1997.. 171 272	
	Michigan.....	2002.. 64 989 1997.. 78 163	
	Minnesota.....	2002.. 103 403 1997.. 149 607	
	Missouri.....	2002.. 7 272 1997.. 21 221	
	Nevada.....	2002.. 32 927 1997.. 24 658	
	New Hampshire.....	2002.. 23 678 1997.. 74 552	
	New Jersey.....	2002.. 88 169 1997.. 129 015	
	New York.....	2002.. 62 678 1997.. 184 712	
	North Carolina.....	2002.. 135 315 1997.. 115 123	
	Ohio.....	2002.. 23 205 1997.. 63 432	
	Oregon.....	2002.. 58 142 1997.. 75 202	
	Pennsylvania.....	2002.. 47 876 1997.. 127 400	
	Tennessee.....	2002.. 17 982 1997.. N	
	Texas.....	2002.. 220 396 1997.. 236 175	
	Utah.....	2002.. 21 414 1997.. 42 009	
	Virginia.....	2002.. 8 280 1997.. 15 722	
	Washington.....	2002.. 35 729 1997.. 108 308	
	Wisconsin.....	2002.. 179 614 1997.. 135 396	
	332322F	Metal studs, nonload and load-bearing (iron, steel, and aluminum)	
		United States.....	2002.. 346 944 1997.. N
		California.....	2002.. 10 875 1997.. N
	332322G	Other sheet metal work	
United States.....		2002.. 3 638 441 1997.. N	
Alabama.....		2002.. 141 581 1997.. N	
Arizona.....		2002.. 43 760 1997.. N	
Arkansas.....		2002.. 44 184 1997.. N	
California.....		2002.. 465 439 1997.. N	
Colorado.....		2002.. 38 383 1997.. N	
Connecticut.....		2002.. 36 647 1997.. N	
Florida.....		2002.. 88 304 1997.. N	
Georgia.....		2002.. 41 327 1997.. N	
Idaho.....		2002.. 10 011 1997.. N	
Illinois.....		2002.. 200 598 1997.. N	
Indiana.....		2002.. 124 784 1997.. N	
Iowa.....		2002.. 18 236 1997.. N	
Kentucky.....		2002.. 77 142 1997.. N	
Maryland.....		2002.. 10 643 1997.. N	
Massachusetts.....		2002.. 69 511 1997.. N	
Michigan.....		2002.. 143 693 1997.. N	
Minnesota.....		2002.. 71 021 1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
332322G	Other sheet metal work—Con.		
	Missouri .....	2002.. 33 424 1997.. N	
	Nevada .....	2002.. 29 068 1997.. N	
	New Jersey .....	2002.. 115 596 1997.. N	
	New York .....	2002.. 163 223 1997.. N	
	North Carolina .....	2002.. 189 542 1997.. N	
	Ohio .....	2002.. 215 256 1997.. N	
	Oklahoma .....	2002.. 39 562 1997.. N	
	Oregon .....	2002.. 40 275 1997.. N	
	Pennsylvania .....	2002.. 154 167 1997.. N	
	South Carolina .....	2002.. 20 954 1997.. N	
	Tennessee .....	2002.. 64 599 1997.. N	
	Texas .....	2002.. 254 829 1997.. N	
	Utah .....	2002.. 43 124 1997.. N	
	Virginia .....	2002.. 15 405 1997.. N	
	Washington .....	2002.. 88 090 1997.. N	
	West Virginia .....	2002.. 37 113 1997.. N	
	Wisconsin .....	2002.. 325 206 1997.. N	
	3323231	Metal grilles, registers, and air diffusers	
		United States .....	2002.. 591 046 1997.. 494 749
Florida .....		2002.. 52 741 1997.. 58 338	
Indiana .....		2002.. 21 113 1997.. 17 336	
New York .....		2002.. 5 395 1997.. 3 666	
Pennsylvania .....		2002.. 4 211 1997.. N	
Texas .....		2002.. 98 651 1997.. 68 697	
3323233		Ornamental and architectural metal work	
	United States .....	2002.. 1 590 170 1997.. 1 219 589	
	Alabama .....	2002.. 52 899 1997.. 52 682	
	Arizona .....	2002.. 25 916 1997.. 19 443	
	Arkansas .....	2002.. 3 362 1997.. 5 903	
	California .....	2002.. 218 222 1997.. 142 168	
	Colorado .....	2002.. 31 541 1997.. 21 578	
	Connecticut .....	2002.. 24 012 1997.. 33 329	
	Florida .....	2002.. 103 798 1997.. 63 066	
	Georgia .....	2002.. 18 678 1997.. 24 935	
	Illinois .....	2002.. 79 439 1997.. 95 708	
	Indiana .....	2002.. 49 499 1997.. 23 450	
	Iowa .....	2002.. 19 695 1997.. 14 829	
	Kansas .....	2002.. 10 896 1997.. 5 048	
	Kentucky .....	2002.. 7 211 1997.. 17 417	
	Louisiana .....	2002.. 8 806 1997.. 7 271	
	Maine .....	2002.. 3 540 1997.. N	
	Maryland .....	2002.. 40 345 1997.. 31 760	
	Massachusetts .....	2002.. 54 475 1997.. 17 259	
	Michigan .....	2002.. 21 850 1997.. 17 263	
	Minnesota .....	2002.. 44 138 1997.. 17 178	
	Missouri .....	2002.. 28 701 1997.. 24 701	
	Nebraska .....	2002.. 2 660 1997.. N	
	New Hampshire .....	2002.. 4 549 1997.. N	
	New Jersey .....	2002.. 77 333 1997.. 25 245	
	New Mexico .....	2002.. 9 544 1997.. 5 364	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3323233	Ornamental and architectural metal work—Con.	
	New York .....	2002 .. 65 477
	.....	1997 .. 48 003
	North Carolina .....	2002 .. 56 523
	.....	1997 .. 64 589
	Ohio .....	2002 .. 66 337
	.....	1997 .. 76 298
	Oklahoma .....	2002 .. 12 395
	.....	1997 .. 3 939
	Oregon .....	2002 .. 15 255
	.....	1997 .. 18 733
	Pennsylvania .....	2002 .. 161 423
	.....	1997 .. 132 698
	South Carolina .....	2002 .. 9 665
	.....	1997 .. 18 003
	Tennessee .....	2002 .. 26 322
.....	1997 .. 20 102	
Texas .....	2002 .. 104 990	
.....	1997 .. 66 091	
Utah .....	2002 .. 21 171	
.....	1997 .. 21 982	
Virginia .....	2002 .. 28 964	
.....	1997 .. 17 683	
West Virginia .....	2002 .. 2 390	
.....	1997 .. N	
Wisconsin .....	2002 .. 25 604	
.....	1997 .. 15 288	
3323236	Open metal flooring, grating, and studs	
	United States .....	2002 .. 361 143
	.....	1997 .. N
	Alabama .....	2002 .. 77 041
	.....	1997 .. N
	California .....	2002 .. 28 856
	.....	1997 .. N
	Florida .....	2002 .. 6 088
	.....	1997 .. N
	Illinois .....	2002 .. 31 235
	.....	1997 .. N
	Ohio .....	2002 .. 24 346
	.....	1997 .. N
Pennsylvania .....	2002 .. 27 968	
.....	1997 .. N	
Texas .....	2002 .. 35 378	
.....	1997 .. N	
Washington .....	2002 .. 2 964	
.....	1997 .. N	
3323237	Metal scaffolding and shoring and forming for concrete work	
	United States .....	2002 .. 570 312
	.....	1997 .. 394 620
	Florida .....	2002 .. 14 808
	.....	1997 .. N
	Kansas .....	2002 .. 30 058
	.....	1997 .. 25 364
	Missouri .....	2002 .. 21 696
	.....	1997 .. N
	New York .....	2002 .. 9 633
.....	1997 .. 9 545	
Pennsylvania .....	2002 .. 27 892	
.....	1997 .. 21 654	
Texas .....	2002 .. 39 508	
.....	1997 .. 26 360	
3323239	Other architectural and ornamental work	
	United States .....	2002 .. 1 215 770
	.....	1997 .. 1 223 918
	California .....	2002 .. 83 147
	.....	1997 .. 181 932
	Colorado .....	2002 .. 4 721
	.....	1997 .. 28 846
	Connecticut .....	2002 .. 44 095
	.....	1997 .. 8 972
	Florida .....	2002 .. 22 844
	.....	1997 .. 17 620
	Georgia .....	2002 .. 81 214
	.....	1997 .. 72 123
	Illinois .....	2002 .. 69 376
	.....	1997 .. 83 202
	Indiana .....	2002 .. 36 809
	.....	1997 .. 55 712
	Kansas .....	2002 .. 9 046
	.....	1997 .. 6 610
	Kentucky .....	2002 .. 2 565
	.....	1997 .. 7 521
	Louisiana .....	2002 .. 4 710
	.....	1997 .. 11 114
	Maryland .....	2002 .. 83 483
	.....	1997 .. 31 265
	Massachusetts .....	2002 .. 28 189
	.....	1997 .. 22 587
	Michigan .....	2002 .. 48 535
.....	1997 .. 11 995	
Minnesota .....	2002 .. 44 256	
.....	1997 .. 46 590	
New Jersey .....	2002 .. 22 791	
.....	1997 .. 21 606	
New York .....	2002 .. 145 712	
.....	1997 .. 75 383	
Ohio .....	2002 .. 96 153	
.....	1997 .. 53 733	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3323239	Other architectural and ornamental work—Con.	
	Pennsylvania .....	2002 .. 85 915
	.....	1997 .. 43 431
	Tennessee .....	2002 .. 4 047
	.....	1997 .. 9 254
	Texas .....	2002 .. 51 898
	.....	1997 .. 69 235
	Washington .....	2002 .. 14 617
	.....	1997 .. 42 504
	Wisconsin .....	2002 .. 43 057
.....	1997 .. 33 679	
3324101	Fabricated heat exchangers and steam condensers (except nuclear applications)	
	United States .....	2002 .. 1 457 171
	.....	1997 .. 2 098 378
	Oklahoma .....	2002 .. 207 909
	.....	1997 .. 425 965
	Oregon .....	2002 .. 23 256
	.....	1997 .. 17 543
Pennsylvania .....	2002 .. 104 495	
.....	1997 .. 94 259	
Texas .....	2002 .. 235 036	
.....	1997 .. 309 590	
3324105	Steel power boilers (stationary and marine), parts and attachments (except nuclear applications)	
	United States .....	2002 .. 948 603
	.....	1997 .. 874 577
	New York .....	2002 .. 185 517
	.....	1997 .. 81 320
Texas .....	2002 .. 17 539	
.....	1997 .. 101 527	
3324107	Nuclear reactor steam supply systems, heat exchangers and condensers, pressurizers, components, and auxiliary equipment	
	United States .....	2002 .. 204 298
.....	1997 .. N	
3324207	Gas cylinders	
	United States .....	2002 .. 548 668
	.....	1997 .. 508 097
	Pennsylvania .....	2002 .. 40 077
.....	1997 .. N	
3324209	Metal tanks, complete at factory (standard line pressure)	
	United States .....	2002 .. 598 592
	.....	1997 .. 826 726
	Illinois .....	2002 .. 52 453
	.....	1997 .. 3 633
	Indiana .....	2002 .. 17 398
	.....	1997 .. 55 672
	Minnesota .....	2002 .. 30 685
	.....	1997 .. N
	Oklahoma .....	2002 .. 15 717
	.....	1997 .. N
	Pennsylvania .....	2002 .. 12 231
.....	1997 .. 23 115	
Texas .....	2002 .. 29 948	
.....	1997 .. 52 775	
332420C	Metal tanks, complete at factory (standard line nonpressure)	
	United States .....	2002 .. 499 792
	.....	1997 .. 442 893
	California .....	2002 .. 21 432
	.....	1997 .. 37 191
	Idaho .....	2002 .. 4 332
	.....	1997 .. 7 654
	Illinois .....	2002 .. 19 469
	.....	1997 .. 28 900
	Kansas .....	2002 .. 11 329
	.....	1997 .. N
	Kentucky .....	2002 .. 6 864
	.....	1997 .. N
	New York .....	2002 .. 3 565
	.....	1997 .. 10 520
	North Carolina .....	2002 .. 12 755
	.....	1997 .. 12 207
	Pennsylvania .....	2002 .. 36 540
	.....	1997 .. 27 301
	Tennessee .....	2002 .. 37 399
.....	1997 .. N	
Utah .....	2002 .. 5 278	
.....	1997 .. N	
Wisconsin .....	2002 .. 73 868	
.....	1997 .. 35 788	
332420E	Metal tanks and vessels, custom fabricated at the factory and field erected	
	United States .....	2002 .. 1 189 816
	.....	1997 .. 1 443 424
	California .....	2002 .. 99 240
	.....	1997 .. 108 563
	Florida .....	2002 .. 19 697
	.....	1997 .. 20 321
	Georgia .....	2002 .. 97 435
	.....	1997 .. 53 902
	Illinois .....	2002 .. 5 908
.....	1997 .. 38 135	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
332420E	Metal tanks and vessels, custom fabricated at the factory and field erected—Con.	
	Indiana ..... 2002 ..	30 595
	..... 1997 ..	38 994
	Kentucky ..... 2002 ..	2 508
	..... 1997 ..	11 922
	Michigan ..... 2002 ..	3 813
	..... 1997 ..	10 557
	Minnesota ..... 2002 ..	49 952
	..... 1997 ..	63 904
	Mississippi ..... 2002 ..	17 502
	..... 1997 ..	41 710
	Missouri ..... 2002 ..	35 044
	..... 1997 ..	64 353
	New Jersey ..... 2002 ..	49 792
	..... 1997 ..	25 456
	New York ..... 2002 ..	50 555
	..... 1997 ..	59 373
	North Carolina ..... 2002 ..	11 820
	..... 1997 ..	18 496
	Ohio ..... 2002 ..	42 760
..... 1997 ..	20 334	
Oklahoma ..... 2002 ..	112 554	
..... 1997 ..	41 336	
Oregon ..... 2002 ..	12 277	
..... 1997 ..	12 404	
Pennsylvania ..... 2002 ..	108 978	
..... 1997 ..	115 144	
Texas ..... 2002 ..	168 603	
..... 1997 ..	282 565	
Utah ..... 2002 ..	20 346	
..... 1997 ..	30 503	
Washington ..... 2002 ..	4 518	
..... 1997 ..	11 188	
Wisconsin ..... 2002 ..	94 414	
..... 1997 ..	42 575	
332420G	Metal tanks and vessels, custom fabricated and field erected	
	United States ..... 2002 ..	1 083 101
	..... 1997 ..	913 689
	California ..... 2002 ..	60 534
	..... 1997 ..	69 116
	Florida ..... 2002 ..	18 992
	..... 1997 ..	8 680
	Idaho ..... 2002 ..	2 075
	..... 1997 ..	N
	Illinois ..... 2002 ..	39 820
	..... 1997 ..	2 399
	Indiana ..... 2002 ..	7 111
	..... 1997 ..	18 456
	Louisiana ..... 2002 ..	31 020
	..... 1997 ..	N
	New Jersey ..... 2002 ..	8 601
	..... 1997 ..	N
	New York ..... 2002 ..	9 789
	..... 1997 ..	6 025
	Oklahoma ..... 2002 ..	48 189
..... 1997 ..	18 979	
Pennsylvania ..... 2002 ..	66 813	
..... 1997 ..	100 517	
Texas ..... 2002 ..	80 959	
..... 1997 ..	101 286	
Wisconsin ..... 2002 ..	24 457	
..... 1997 ..	18 579	
3324311	Steel cans and tinware products	
	United States ..... 2002 ..	4 072 643
	..... 1997 ..	4 672 522
	California ..... 2002 ..	681 888
	..... 1997 ..	1 003 281
	Maryland ..... 2002 ..	145 871
	..... 1997 ..	151 955
	New Jersey ..... 2002 ..	114 799
	..... 1997 ..	126 990
	Ohio ..... 2002 ..	223 137
	..... 1997 ..	389 866
	Tennessee ..... 2002 ..	147 613
	..... 1997 ..	94 925
	West Virginia ..... 2002 ..	101 451
..... 1997 ..	N	
Wisconsin ..... 2002 ..	343 637	
..... 1997 ..	388 880	
3324313	Aluminum (including lids, ends, and parts shipped separately)	
	United States ..... 2002 ..	6 863 690
	..... 1997 ..	6 560 667
	California ..... 2002 ..	841 684
	..... 1997 ..	772 181
	Colorado ..... 2002 ..	355 019
	..... 1997 ..	N
Ohio ..... 2002 ..	744 067	
..... 1997 ..	663 190	
Wisconsin ..... 2002 ..	355 652	
..... 1997 ..	251 756	
3324391	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes	
	United States ..... 2002 ..	678 415
	..... 1997 ..	530 119
	California ..... 2002 ..	51 618
..... 1997 ..	63 930	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3324391	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes—Con.	
	Illinois .....	2002 .. 131 086
		1997 .. 60 226
	New York .....	2002 .. 18 417
		1997 .. 10 096
	Ohio .....	2002 .. 88 204
	1997 .. 63 055	
	Pennsylvania .....	2002 .. 107 434
		1997 .. 44 594
3324393	Steel shipping barrels and drums (excluding beer barrels) (more than 12 gallon capacity)	
	United States .....	2002 .. 630 194
		1997 .. 764 495
	California .....	2002 .. 57 887
		1997 .. 52 219
	Illinois .....	2002 .. 110 137
		1997 .. 117 903
	Ohio .....	2002 .. 61 528
		1997 .. 84 157
	Pennsylvania .....	2002 .. 51 505
	1997 .. 73 296	
	Texas .....	2002 .. 66 126
		1997 .. 98 105
3324396	All other metal container manufacturing	
	United States .....	2002 .. 1 130 768
		1997 .. N
	California .....	2002 .. 33 143
		1997 .. N
	Illinois .....	2002 .. 275 425
		1997 .. N
	Indiana .....	2002 .. 87 616
		1997 .. N
	New York .....	2002 .. 23 286
	1997 .. N	
	Ohio .....	2002 .. 91 958
		1997 .. N
	Pennsylvania .....	2002 .. 4 055
		1997 .. N
3325102	Furniture hardware (excluding cabinet hardware)	
	United States .....	2002 .. 789 331
		1997 .. N
	California .....	2002 .. 82 795
		1997 .. N
	Michigan .....	2002 .. 126 782
		1997 .. N
North Carolina .....	2002 .. 86 092	
	1997 .. N	
	Ohio .....	2002 .. 3 232
		1997 .. N
3325104	Builders' hardware	
	United States .....	2002 .. 4 761 425
		1997 .. N
	Arizona .....	2002 .. 109 829
		1997 .. N
	California .....	2002 .. 316 721
		1997 .. N
	Connecticut .....	2002 .. 325 418
		1997 .. N
	Illinois .....	2002 .. 631 904
		1997 .. N
	Indiana .....	2002 .. 505 370
		1997 .. N
	Kentucky .....	2002 .. 124 275
		1997 .. N
	Michigan .....	2002 .. 156 487
		1997 .. N
	New Jersey .....	2002 .. 40 435
		1997 .. N
	New York .....	2002 .. 165 262
	1997 .. N	
North Carolina .....	2002 .. 241 312	
	1997 .. N	
Ohio .....	2002 .. 227 644	
	1997 .. N	
Pennsylvania .....	2002 .. 241 855	
	1997 .. N	
Texas .....	2002 .. 142 950	
	1997 .. N	
Washington .....	2002 .. 9 803	
	1997 .. N	
Wisconsin .....	2002 .. 236 497	
	1997 .. N	
3325106	Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.)	
	United States .....	2002 .. 2 628 099
		1997 .. N
	Illinois .....	2002 .. 57 789
		1997 .. N
	Michigan .....	2002 .. 400 748
	1997 .. N	
	Tennessee .....	2002 .. 730 722
		1997 .. N
3325107	Other transportation equipment hardware (except motor vehicle hardware)	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3325107	Other transportation equipment hardware (except motor vehicle hardware)—Con.	
	United States .....	2002.. 359 113
		1997.. 508 822
	California .....	2002.. 122 125
		1997.. 113 231
	Florida .....	2002.. 46 988
		1997.. 55 547
	Michigan .....	2002.. 18 926
		1997.. 111 560
	Minnesota .....	2002.. 9 906
		1997.. N
	Ohio .....	2002.. 27 057
		1997.. 36 298
	Wisconsin .....	2002.. 31 519
	1997.. 30 186	
332510A	All other miscellaneous hardware	
	United States .....	2002.. 598 212
		1997.. N
	Connecticut .....	2002.. 33 424
		1997.. N
	Georgia .....	2002.. 48 208
		1997.. N
	Illinois .....	2002.. 51 279
		1997.. N
	Indiana .....	2002.. 43 947
	1997.. N	
Michigan .....	2002.. 38 297	
	1997.. N	
Pennsylvania .....	2002.. 13 945	
	1997.. N	
3326111	Hot formed steel springs, except wire	
	United States .....	2002.. 354 892
		1997.. 512 832
	California .....	2002.. 16 857
		1997.. 15 112
	Illinois .....	2002.. 41 032
		1997.. 65 932
	Michigan .....	2002.. 5 510
	1997.. N	
Pennsylvania .....	2002.. 89 081	
	1997.. 100 408	
Texas .....	2002.. 19 489	
	1997.. 13 635	
3326113	Cold formed steel springs, except wire	
	United States .....	2002.. 299 185
		1997.. 351 232
	California .....	2002.. 26 400
		1997.. 27 329
	Illinois .....	2002.. 18 795
		1997.. 51 584
	Michigan .....	2002.. 35 519
	1997.. 26 507	
Pennsylvania .....	2002.. 45 895	
	1997.. 40 188	
Texas .....	2002.. 5 194	
	1997.. 18 974	
3326122	Precision mechanical wire springs	
	United States .....	2002.. 841 680
		1997.. 929 182
	California .....	2002.. 34 717
		1997.. 53 964
	Connecticut .....	2002.. 53 564
		1997.. 68 512
	Illinois .....	2002.. 127 371
		1997.. 162 557
	Indiana .....	2002.. 85 035
		1997.. 45 733
	Michigan .....	2002.. 117 047
		1997.. 102 213
	New York .....	2002.. 29 602
		1997.. 33 229
	North Carolina .....	2002.. 14 249
		1997.. 46 367
	Ohio .....	2002.. 83 033
	1997.. 77 007	
Oklahoma .....	2002.. 5 719	
	1997.. N	
Pennsylvania .....	2002.. 38 562	
	1997.. 39 490	
Texas .....	2002.. 30 936	
	1997.. 58 806	
Wisconsin .....	2002.. 63 142	
	1997.. 56 017	
3326124	Other wire springs	
	United States .....	2002.. 1 267 766
		1997.. 1 245 725
	California .....	2002.. 54 866
		1997.. 38 830
	Connecticut .....	2002.. 31 053
		1997.. 21 342
	Illinois .....	2002.. 60 280
	1997.. 70 014	
Indiana .....	2002.. 112 979	
	1997.. 94 321	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3326124	Other wire springs—Con.	
	Michigan .....	2002.. 60 276
		1997.. 99 434
	Minnesota .....	2002.. 2 035
		1997.. N
	North Carolina .....	2002.. 88 031
		1997.. 116 562
	Ohio .....	2002.. 136 462
		1997.. 145 499
	Pennsylvania .....	2002.. 70 867
		1997.. 114 123
	Texas .....	2002.. 128 433
		1997.. 61 638
	Wisconsin .....	2002.. 20 849
		1997.. N
3326181	Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire	
	United States .....	2002.. 535 295
		1997.. 457 671
	California .....	2002.. 109 018
		1997.. 44 034
	Connecticut .....	2002.. 21 079
		1997.. 19 747
	Florida .....	2002.. 16 769
		1997.. N
	Georgia .....	2002.. 7 119
		1997.. N
	Illinois .....	2002.. 35 307
		1997.. 56 286
	Indiana .....	2002.. 21 239
		1997.. N
	New Jersey .....	2002.. 45 355
		1997.. 26 242
	New York .....	2002.. 4 646
		1997.. N
	North Carolina .....	2002.. 2 630
		1997.. 8 032
	Ohio .....	2002.. 53 050
		1997.. 55 492
	Oklahoma .....	2002.. 6 801
		1997.. N
	Pennsylvania .....	2002.. 61 408
		1997.. 40 658
	Tennessee .....	2002.. 47 900
		1997.. N
	Texas .....	2002.. 61 095
		1997.. 37 367
3326182	Other fabricated wire products, made from purchased wire	
	United States .....	2002.. 245 286
		1997.. 410 349
	Connecticut .....	2002.. 8 476
		1997.. 46 807
	Illinois .....	2002.. 9 806
		1997.. N
	Michigan .....	2002.. 6 210
		1997.. N
	Minnesota .....	2002.. 2 147
		1997.. N
	New Jersey .....	2002.. 9 843
		1997.. N
	New York .....	2002.. 13 272
		1997.. N
	Ohio .....	2002.. 19 073
		1997.. N
	Pennsylvania .....	2002.. 50 499
		1997.. 122 102
	Texas .....	2002.. 14 160
		1997.. N
	Wisconsin .....	2002.. 13 483
		1997.. N
3326183	Ferrous wire cloth and other ferrous woven wire products, made from purchased wire	
	United States .....	2002.. 154 823
		1997.. 290 183
	California .....	2002.. 38 762
		1997.. 9 627
3326185	Nonferrous wire cloth and other nonferrous woven wire products, made from purchased wire	
	United States .....	2002.. 64 554
		1997.. 155 658
3326187	Steel fencing and fence gates, made from purchased wire	
	United States .....	2002.. 227 723
		1997.. 184 408
	Texas .....	2002.. 35 322
		1997.. 26 743
3326189	Steel nails, staples, tacks, spikes, and brads, made from purchased wire	
	United States .....	2002.. 374 374
		1997.. 360 686
	Arkansas .....	2002.. 57 000
		1997.. 40 939

See footnotes at end of table.



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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
332618B	Other ferrous wire products (excluding springs), made from purchased wire	
	United States .....	2002.. 2 654 956
		1997.. 3 007 964
	Alabama .....	2002.. 46 621
		1997.. 53 401
	California .....	2002.. 157 782
		1997.. 192 371
	Connecticut .....	2002.. 28 623
		1997.. 18 590
	Georgia .....	2002.. 79 166
		1997.. 64 432
	Illinois .....	2002.. 265 625
		1997.. 356 621
	Indiana .....	2002.. 205 576
		1997.. 178 287
	Iowa .....	2002.. 38 390
		1997.. 37 068
	Kentucky .....	2002.. 36 005
		1997.. 50 630
	Maryland .....	2002.. 103 321
		1997.. 110 903
	Massachusetts .....	2002.. 38 009
		1997.. 69 983
	Michigan .....	2002.. 96 299
		1997.. 130 498
	Minnesota .....	2002.. 82 188
		1997.. 82 248
	Missouri .....	2002.. 173 793
		1997.. 244 934
	New Jersey .....	2002.. 92 153
		1997.. 68 289
	New York .....	2002.. 50 048
		1997.. 70 271
North Carolina .....	2002.. 75 975	
	1997.. 88 942	
Ohio .....	2002.. 117 873	
	1997.. 105 400	
Pennsylvania .....	2002.. 212 777	
	1997.. 264 302	
Tennessee .....	2002.. 167 050	
	1997.. 203 436	
Texas .....	2002.. 117 764	
	1997.. 101 565	
Washington .....	2002.. 14 116	
	1997.. N	
Wisconsin .....	2002.. 27 445	
	1997.. 47 138	
3327100	Receipts for machine shop job work and job order repairs	
	United States .....	2002.. 24 462 940
		1997.. 24 415 007
	Alabama .....	2002.. 305 783
		1997.. N
	Alaska .....	2002.. 13 615
		1997.. N
	Arizona .....	2002.. 287 066
		1997.. N
	Arkansas .....	2002.. 114 577
		1997.. N
	California .....	2002.. 3 076 430
		1997.. N
	Colorado .....	2002.. 221 628
		1997.. N
	Connecticut .....	2002.. 580 530
		1997.. N
	Delaware .....	2002.. 57 881
		1997.. N
	Florida .....	2002.. 312 174
		1997.. N
	Georgia .....	2002.. 318 172
		1997.. N
	Idaho .....	2002.. 43 663
		1997.. N
	Illinois .....	2002.. 1 583 223
		1997.. N
	Indiana .....	2002.. 701 066
		1997.. N
	Iowa .....	2002.. 268 462
		1997.. N
	Kansas .....	2002.. 338 540
		1997.. N
Kentucky .....	2002.. 289 666	
	1997.. N	
Louisiana .....	2002.. 311 296	
	1997.. N	
Maine .....	2002.. 151 983	
	1997.. N	
Maryland .....	2002.. 292 622	
	1997.. N	
Massachusetts .....	2002.. 834 782	
	1997.. N	
Michigan .....	2002.. 2 145 090	
	1997.. N	
Minnesota .....	2002.. 933 430	
	1997.. N	
Mississippi .....	2002.. 89 196	
	1997.. N	
Missouri .....	2002.. 335 293	
	1997.. N	
Montana .....	2002.. 35 414	
	1997.. N	
Nebraska .....	2002.. 64 776	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3327100	Receipts for machine shop job work and job order repairs—Con.	
	Nebraska—Con.	
	Nevada .....	1997.. N
	.....	2002.. 42 442
	New Hampshire .....	1997.. N
	.....	2002.. 173 428
	New Jersey .....	1997.. N
	.....	2002.. 519 016
	New Mexico .....	1997.. N
	.....	2002.. 58 192
	New York .....	1997.. N
	.....	2002.. 896 931
	North Carolina .....	1997.. N
	.....	2002.. 507 449
	North Dakota .....	1997.. N
	.....	2002.. 21 248
	Ohio .....	1997.. N
	.....	2002.. 1 907 485
	Oklahoma .....	1997.. N
	.....	2002.. 260 778
	Oregon .....	1997.. N
	.....	2002.. 259 530
	Pennsylvania .....	1997.. N
	.....	2002.. 1 393 470
	Rhode Island .....	1997.. N
	.....	2002.. 96 286
	South Carolina .....	1997.. N
	.....	2002.. 290 814
	South Dakota .....	1997.. N
.....	2002.. 34 946	
Tennessee .....	1997.. N	
.....	2002.. 343 851	
Texas .....	1997.. N	
.....	2002.. 1 598 552	
Utah .....	1997.. N	
.....	2002.. 150 346	
Vermont .....	1997.. N	
.....	2002.. 29 022	
Virginia .....	1997.. N	
.....	2002.. 301 111	
Washington .....	1997.. N	
.....	2002.. 430 860	
West Virginia .....	1997.. N	
.....	2002.. 117 805	
Wisconsin .....	1997.. N	
.....	2002.. 1 266 935	
Wyoming .....	1997.. N	
.....	2002.. 45 944	
.....	1997.. N	
3327211	Precision turned products, automotive	
	United States .....	2002.. 2 109 587
	.....	1997.. 1 886 830
	California .....	2002.. 24 993
	.....	1997.. 10 709
	Connecticut .....	2002.. 26 851
	.....	1997.. 29 142
	Florida .....	2002.. 8 681
	.....	1997.. 7 193
	Illinois .....	2002.. 237 813
	.....	1997.. 163 463
	Indiana .....	2002.. 145 211
	.....	1997.. 109 930
	Iowa .....	2002.. 37 770
	.....	1997.. 54 078
	Kentucky .....	2002.. 5 130
	.....	1997.. 13 425
	Maine .....	2002.. 8 777
	.....	1997.. N
	Michigan .....	2002.. 836 587
	.....	1997.. 808 384
	Minnesota .....	2002.. 5 176
	.....	1997.. 10 270
	Missouri .....	2002.. 59 298
	.....	1997.. 77 639
	New Jersey .....	2002.. 3 519
	.....	1997.. 7 482
	New York .....	2002.. 117 508
	.....	1997.. 133 728
Ohio .....	2002.. 211 036	
.....	1997.. 204 524	
Oregon .....	2002.. 4 719	
.....	1997.. N	
Pennsylvania .....	2002.. 111 440	
.....	1997.. 49 200	
South Carolina .....	2002.. 13 582	
.....	1997.. N	
Tennessee .....	2002.. 29 869	
.....	1997.. 32 298	
Texas .....	2002.. 12 515	
.....	1997.. 6 973	
Washington .....	2002.. 2 081	
.....	1997.. N	
Wisconsin .....	2002.. 77 622	
.....	1997.. 51 700	
3327215	Precision turned products (made on CNC equipment or screw machines), except automotive	
	United States .....	2002.. 4 281 616
	.....	1997.. 4 135 005
	California .....	2002.. 448 912
.....	1997.. 439 740	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3327215	Precision turned products (made on CNC equipment or screw machines), except automotive—Con.	
	Connecticut ..... 2002..	237 240
	..... 1997..	211 511
	Florida ..... 2002..	59 201
	..... 1997..	81 883
	Illinois ..... 2002..	423 649
	..... 1997..	494 891
	Indiana ..... 2002..	213 607
	..... 1997..	150 244
	Iowa ..... 2002..	45 001
	..... 1997..	20 546
	Kentucky ..... 2002..	31 716
	..... 1997..	43 774
	Louisiana ..... 2002..	30 815
	..... 1997..	14 439
	Maine ..... 2002..	24 944
	..... 1997..	N
	Massachusetts ..... 2002..	139 483
	..... 1997..	113 202
	Michigan ..... 2002..	270 125
	..... 1997..	341 253
	Minnesota ..... 2002..	208 675
	..... 1997..	262 658
	Mississippi ..... 2002..	14 898
	..... 1997..	21 223
	Missouri ..... 2002..	82 752
	..... 1997..	77 161
	New Jersey ..... 2002..	97 978
	..... 1997..	87 580
	New York ..... 2002..	260 766
	..... 1997..	351 455
	Ohio ..... 2002..	485 446
..... 1997..	441 230	
Oregon ..... 2002..	27 126	
..... 1997..	38 483	
Pennsylvania ..... 2002..	229 896	
..... 1997..	224 976	
South Carolina ..... 2002..	61 550	
..... 1997..	31 120	
Tennessee ..... 2002..	24 227	
..... 1997..	34 217	
Texas ..... 2002..	142 182	
..... 1997..	126 841	
Virginia ..... 2002..	18 670	
..... 1997..	N	
Washington ..... 2002..	74 008	
..... 1997..	31 768	
Wisconsin ..... 2002..	155 253	
..... 1997..	194 144	
3327221	Aircraft fasteners, except plastics (including aerospace) (meet specifications for flying vehicles)	
	United States ..... 2002..	1 204 835
	..... 1997..	1 208 605
	California ..... 2002..	812 271
	..... 1997..	985 295
	Connecticut ..... 2002..	17 377
	..... 1997..	13 987
	Illinois ..... 2002..	52 657
..... 1997..	6 664	
Michigan ..... 2002..	14 347	
..... 1997..	6 671	
Ohio ..... 2002..	86 972	
..... 1997..	10 072	
3327223	Externally threaded metal fasteners (except aircraft types)	
	United States ..... 2002..	2 848 476
	..... 1997..	3 085 720
	Alabama ..... 2002..	135 197
	..... 1997..	82 131
	California ..... 2002..	57 738
	..... 1997..	44 602
	Connecticut ..... 2002..	44 505
	..... 1997..	47 074
	Florida ..... 2002..	9 856
	..... 1997..	17 655
	Georgia ..... 2002..	15 157
	..... 1997..	7 953
	Illinois ..... 2002..	708 303
	..... 1997..	840 873
	Indiana ..... 2002..	200 775
	..... 1997..	193 431
	Kentucky ..... 2002..	51 457
	..... 1997..	40 317
	Massachusetts ..... 2002..	83 530
	..... 1997..	50 737
	Michigan ..... 2002..	479 882
	..... 1997..	543 216
	Missouri ..... 2002..	4 340
	..... 1997..	22 699
	New Jersey ..... 2002..	14 594
	..... 1997..	24 741
	New York ..... 2002..	35 735
..... 1997..	90 036	
Ohio ..... 2002..	294 211	
..... 1997..	401 588	
Pennsylvania ..... 2002..	207 904	
..... 1997..	191 293	
Rhode Island ..... 2002..	13 637	
..... 1997..	12 391	
Tennessee ..... 2002..	18 388	
..... 1997..	31 399	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3327223	Externally threaded metal fasteners (except aircraft types)—Con.	
	Texas ..... 2002 ..	89 653
	..... 1997 ..	116 771
Virginia	..... 2002 ..	85 903
	..... 1997 ..	91 916
3327225	Internally threaded metal fasteners (except aircraft types)	
	United States ..... 2002 ..	631 713
	..... 1997 ..	858 123
	Alabama ..... 2002 ..	5 770
	..... 1997 ..	N
	California ..... 2002 ..	35 674
	..... 1997 ..	58 565
	Connecticut ..... 2002 ..	19 962
	..... 1997 ..	30 517
	Illinois ..... 2002 ..	75 448
	..... 1997 ..	73 650
	Indiana ..... 2002 ..	79 304
	..... 1997 ..	71 161
	Massachusetts ..... 2002 ..	6 812
	..... 1997 ..	9 753
	Michigan ..... 2002 ..	90 878
	..... 1997 ..	173 269
	New York ..... 2002 ..	15 787
	..... 1997 ..	17 058
Ohio ..... 2002 ..	81 893	
..... 1997 ..	112 842	
Pennsylvania ..... 2002 ..	64 397	
..... 1997 ..	103 062	
Texas ..... 2002 ..	31 392	
..... 1997 ..	25 369	
Wisconsin ..... 2002 ..	12 124	
..... 1997 ..	40 515	
3327227	Nonthreaded metal fasteners (except aircraft types)	
	United States ..... 2002 ..	940 697
	..... 1997 ..	970 248
	California ..... 2002 ..	11 411
	..... 1997 ..	34 267
	Connecticut ..... 2002 ..	18 765
	..... 1997 ..	98 736
	Illinois ..... 2002 ..	149 039
	..... 1997 ..	170 105
	Indiana ..... 2002 ..	4 356
	..... 1997 ..	4 717
	Kentucky ..... 2002 ..	81 551
	..... 1997 ..	N
	Massachusetts ..... 2002 ..	22 273
	..... 1997 ..	23 755
	Michigan ..... 2002 ..	124 050
	..... 1997 ..	50 085
	New Hampshire ..... 2002 ..	5 774
	..... 1997 ..	N
New York ..... 2002 ..	45 764	
..... 1997 ..	54 670	
Ohio ..... 2002 ..	37 464	
..... 1997 ..	62 882	
Tennessee ..... 2002 ..	9 949	
..... 1997 ..	N	
Wisconsin ..... 2002 ..	158 685	
..... 1997 ..	107 236	
332722A	Products (except fasteners), made by cold-heading (or warm- or hot-heading) processes	
	United States ..... 2002 ..	1 013 797
	..... 1997 ..	N
	California ..... 2002 ..	70 410
	..... 1997 ..	N
	Connecticut ..... 2002 ..	12 032
	..... 1997 ..	N
	Illinois ..... 2002 ..	117 777
	..... 1997 ..	N
	Michigan ..... 2002 ..	490 227
..... 1997 ..	N	
Ohio ..... 2002 ..	61 904	
..... 1997 ..	N	
3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)	
	United States ..... 2002 ..	3 502 087
	..... 1997 ..	3 394 828
	Arizona ..... 2002 ..	13 847
	..... 1997 ..	N
	California ..... 2002 ..	186 901
	..... 1997 ..	N
	Colorado ..... 2002 ..	21 148
	..... 1997 ..	N
	Connecticut ..... 2002 ..	61 950
	..... 1997 ..	N
	Florida ..... 2002 ..	12 493
	..... 1997 ..	N
	Illinois ..... 2002 ..	230 590
	..... 1997 ..	N
Indiana ..... 2002 ..	502 864	
..... 1997 ..	N	
Iowa ..... 2002 ..	12 437	
..... 1997 ..	N	
Kansas ..... 2002 ..	11 479	
..... 1997 ..	N	
Louisiana ..... 2002 ..	44 312	
..... 1997 ..	N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.)—Con.		
	Maryland .....	2002.. 12 566 1997.. N	
	Massachusetts .....	2002.. 23 928 1997.. N	
	Michigan .....	2002.. 427 744 1997.. N	
	Minnesota .....	2002.. 36 460 1997.. N	
	Missouri .....	2002.. 22 716 1997.. N	
	Nebraska .....	2002.. 2 010 1997.. N	
	New Jersey .....	2002.. 48 596 1997.. N	
	New York .....	2002.. 123 887 1997.. N	
	North Carolina .....	2002.. 24 330 1997.. N	
	Ohio .....	2002.. 452 849 1997.. N	
	Oregon .....	2002.. 17 810 1997.. N	
	Pennsylvania .....	2002.. 103 608 1997.. N	
	South Carolina .....	2002.. 13 711 1997.. N	
	Tennessee .....	2002.. 36 367 1997.. N	
	Texas .....	2002.. 209 449 1997.. N	
	Washington .....	2002.. 19 925 1997.. N	
	Wisconsin .....	2002.. 118 656 1997.. N	
	3328120	Metal coating, engraving, and allied services	
		United States .....	2002.. 9 581 760 1997.. 8 214 631
Alabama .....		2002.. 126 322 1997.. N	
Arizona .....		2002.. 72 705 1997.. N	
Arkansas .....		2002.. 55 001 1997.. N	
California .....		2002.. 810 338 1997.. N	
Colorado .....		2002.. 63 528 1997.. N	
Connecticut .....		2002.. 266 964 1997.. N	
Florida .....		2002.. 89 575 1997.. N	
Georgia .....		2002.. 109 469 1997.. N	
Illinois .....		2002.. 617 625 1997.. N	
Indiana .....		2002.. 712 450 1997.. N	
Iowa .....		2002.. 52 234 1997.. N	
Kansas .....		2002.. 29 019 1997.. N	
Kentucky .....		2002.. 117 935 1997.. N	
Louisiana .....		2002.. 185 968 1997.. N	
Maine .....		2002.. 8 699 1997.. N	
Maryland .....		2002.. 67 736 1997.. N	
Massachusetts .....		2002.. 152 673 1997.. N	
Michigan .....		2002.. 633 047 1997.. N	
Minnesota .....		2002.. 120 523 1997.. N	
Mississippi .....		2002.. 123 222 1997.. N	
Missouri .....		2002.. 201 614 1997.. N	
Nebraska .....		2002.. 27 021 1997.. N	
Nevada .....		2002.. 11 085 1997.. N	
New Hampshire .....		2002.. 20 249 1997.. N	
New Jersey .....		2002.. 88 139 1997.. N	
New York .....		2002.. 201 835 1997.. N	
North Carolina .....		2002.. 70 212 1997.. N	
Ohio .....		2002.. 1 734 309 1997.. N	
Oklahoma .....		2002.. 95 788 1997.. N	
Oregon .....		2002.. 44 324 1997.. N	
Pennsylvania .....		2002.. 890 466 1997.. N	
Rhode Island .....		2002.. 40 887	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3328120	Metal coating, engraving, and allied services—Con.	
	Rhode Island—Con.	
	South Carolina .....	1997.. N 2002.. 152 738
	Tennessee .....	1997.. N 2002.. 107 943
	Texas .....	1997.. N 2002.. 395 269
	Utah .....	1997.. N 2002.. 32 815
	Vermont .....	1997.. N 2002.. 7 486
	Virginia .....	1997.. N 2002.. 22 378
	Washington .....	1997.. N 2002.. 191 885
	Wisconsin .....	1997.. N 2002.. 302 122
		1997.. N
		2002.. N
	3328130	Electroplating, plating, polishing, anodizing, and coloring
United States .....		2002.. 5 820 035 1997.. 6 146 442
Alabama .....		2002.. 27 606 1997.. N
Arizona .....		2002.. 39 830 1997.. N
California .....		2002.. 821 671 1997.. N
Colorado .....		2002.. 32 455 1997.. N
Connecticut .....		2002.. 244 406 1997.. N
Delaware .....		2002.. 7 203 1997.. N
Florida .....		2002.. 57 933 1997.. N
Georgia .....		2002.. 56 107 1997.. N
Illinois .....		2002.. 555 281 1997.. N
Indiana .....		2002.. 481 882 1997.. N
Iowa .....		2002.. 13 710 1997.. N
Kansas .....		2002.. 21 445 1997.. N
Kentucky .....		2002.. 39 659 1997.. N
Louisiana .....		2002.. 31 022 1997.. N
Maine .....		2002.. 8 600 1997.. N
Maryland .....		2002.. 18 709 1997.. N
Massachusetts .....		2002.. 181 828 1997.. N
Michigan .....		2002.. 551 889 1997.. N
Minnesota .....		2002.. 183 315 1997.. N
Mississippi .....		2002.. 4 899 1997.. N
Missouri .....		2002.. 73 937 1997.. N
Nevada .....		2002.. 16 954 1997.. N
New Hampshire .....		2002.. 8 273 1997.. N
New Jersey .....		2002.. 98 809 1997.. N
New York .....		2002.. 161 810 1997.. N
North Carolina .....		2002.. 85 931 1997.. N
Ohio .....		2002.. 693 819 1997.. N
Oklahoma .....		2002.. 30 353 1997.. N
Oregon .....		2002.. 46 571 1997.. N
Pennsylvania .....		2002.. 211 415 1997.. N
Rhode Island .....		2002.. 224 637 1997.. N
South Carolina .....		2002.. 42 874 1997.. N
Tennessee .....		2002.. 92 364 1997.. N
Texas .....		2002.. 233 896 1997.. N
Utah .....		2002.. 13 832 1997.. N
Vermont .....		2002.. 5 505 1997.. N
Virginia .....		2002.. 29 519 1997.. N
Washington .....		2002.. 58 788 1997.. N
West Virginia .....		2002.. 17 402 1997.. N
Wisconsin .....		2002.. 181 876

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3328130	Electroplating, plating, polishing, anodizing, and coloring—Con. Wisconsin—Con.	1997.. N
3329111	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves United States .....	2002.. 1 409 810 1997.. 1 317 414
	California .....	2002.. 203 806 1997.. 84 038
	Illinois .....	2002.. 81 086 1997.. 52 651
	Iowa .....	2002.. 27 437 1997.. 30 963
	Massachusetts .....	2002.. 53 937 1997.. 51 065
	New Jersey .....	2002.. 123 875 1997.. 39 553
	New York .....	2002.. 55 213 1997.. 31 694
	North Carolina .....	2002.. 87 342 1997.. 78 402
	Ohio .....	2002.. 74 145 1997.. 108 001
	Oklahoma .....	2002.. 43 235 1997.. 52 679
	Pennsylvania .....	2002.. 31 664 1997.. 79 735
	Texas .....	2002.. 95 799 1997.. 206 308
3329113	Industrial valves for water works and municipal equipment (IBBM, AWWA, and UL) United States .....	2002.. 1 024 799 1997.. 741 713
	California .....	2002.. 56 130 1997.. 37 206
	Pennsylvania .....	2002.. 18 758 1997.. 12 507
3329115	Industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves United States .....	2002.. 1 090 675 1997.. 1 161 437
	Illinois .....	2002.. 50 694 1997.. 78 097
	Ohio .....	2002.. 92 532 1997.. 84 011
	Oklahoma .....	2002.. 180 449 1997.. 137 699
	Pennsylvania .....	2002.. 36 197 1997.. 38 904
	Tennessee .....	2002.. 15 149 1997.. N
	Texas .....	2002.. 148 488 1997.. 251 772
3329117	Industrial butterfly valves (all metals, pressures, and types), including manual and power-operated, on-off valves United States .....	2002.. 543 614 1997.. 491 396
	California .....	2002.. 39 875 1997.. N
	Pennsylvania .....	2002.. 14 664 1997.. 13 919
	Texas .....	2002.. 85 345 1997.. 111 626
3329119	Industrial plug valves (all metals, pressures, and types), including lubricated, cylindrical eccentric, and sleeve-lined United States .....	2002.. 275 503 1997.. 359 633
	Illinois .....	2002.. 9 319 1997.. 8 511
	Pennsylvania .....	2002.. 23 974 1997.. 8 883
	Texas .....	2002.. 71 193 1997.. 116 300
332911B	All other miscellaneous industrial valves United States .....	2002.. 969 832 1997.. 1 016 097
	California .....	2002.. 16 678 1997.. 67 873
	Connecticut .....	2002.. 12 957 1997.. N
	Florida .....	2002.. 44 487 1997.. N
	Illinois .....	2002.. 48 908 1997.. 28 505
	Massachusetts .....	2002.. 23 385 1997.. N
	Michigan .....	2002.. 68 421 1997.. 64 143
	Minnesota .....	2002.. 18 172 1997.. N
	New York .....	2002.. 101 547 1997.. 107 018
	North Carolina .....	2002.. 95 895 1997.. 118 190
	Ohio .....	2002.. 49 451 1997.. 60 991

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
332911B	All other miscellaneous industrial valves—Con.	
	Oklahoma .....	2002 .. 23 196
	.....	1997 .. 14 517
	Pennsylvania .....	2002 .. 128 331
	.....	1997 .. 125 281
	South Carolina .....	2002 .. 7 899
.....	1997 .. N	
.....	2002 .. 91 388	
.....	1997 .. 53 349	
332911D	Nuclear valves (N-stamp only)	
	United States .....	2002 .. 72 502
.....	1997 .. 36 622	
332911F	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service	
	United States .....	2002 .. 1 958 663
	.....	1997 .. 2 134 578
	California .....	2002 .. 346 302
	.....	1997 .. 333 669
	Florida .....	2002 .. 48 368
	.....	1997 .. N
	Illinois .....	2002 .. 76 699
	.....	1997 .. 35 274
	Indiana .....	2002 .. 13 866
	.....	1997 .. 30 823
	New York .....	2002 .. 33 221
	.....	1997 .. 26 721
	North Carolina .....	2002 .. 46 829
	.....	1997 .. N
	Ohio .....	2002 .. 88 899
	.....	1997 .. 108 811
	Pennsylvania .....	2002 .. 99 061
	.....	1997 .. 101 480
	South Carolina .....	2002 .. 29 193
.....	1997 .. 79 730	
Texas .....	2002 .. 475 521	
.....	1997 .. 341 357	
Wisconsin .....	2002 .. 107 341	
.....	1997 .. 130 467	
332911H	Solenoid-operated valves and parts, except nuclear and fluid power transfer	
	United States .....	2002 .. 319 684
	.....	1997 .. 485 022
	California .....	2002 .. 15 956
	.....	1997 .. 9 680
	New Jersey .....	2002 .. 39 781
.....	1997 .. 105 272	
New York .....	2002 .. 17 290	
.....	1997 .. N	
3329121	Aerospace type hydraulic fluid power valves	
	United States .....	2002 .. 721 391
	.....	1997 .. 672 902
	California .....	2002 .. 155 676
	.....	1997 .. 189 630
	Illinois .....	2002 .. 20 153
.....	1997 .. N	
New York .....	2002 .. 77 293	
.....	1997 .. 90 297	
Ohio .....	2002 .. 15 197	
.....	1997 .. 18 197	
3329123	Aerospace type pneumatic fluid power valves	
	United States .....	2002 .. 622 988
	.....	1997 .. 499 415
	California .....	2002 .. 196 833
	.....	1997 .. 116 832
New York .....	2002 .. 87 968	
.....	1997 .. N	
3329125	Nonaerospace type hydraulic directional control valves	
	United States .....	2002 .. 424 685
	.....	1997 .. 536 935
	California .....	2002 .. 29 998
	.....	1997 .. 4 629
	Illinois .....	2002 .. 22 423
.....	1997 .. N	
Ohio .....	2002 .. 47 332	
.....	1997 .. 87 306	
3329127	Nonaerospace type hydraulic valves, except directional control	
	United States .....	2002 .. 574 762
	.....	1997 .. 719 670
	Illinois .....	2002 .. 184 490
	.....	1997 .. 263 295
	Michigan .....	2002 .. 4 020
	.....	1997 .. 9 779
	Minnesota .....	2002 .. 65 459
	.....	1997 .. N
	Ohio .....	2002 .. 70 520
	.....	1997 .. 128 171
Pennsylvania .....	2002 .. 7 984	
.....	1997 .. N	
Texas .....	2002 .. 15 549	
.....	1997 .. N	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3329127	Nonaerospace type hydraulic valves, except directional control—Con.	
	Wisconsin .....	2002.. 50 242 1997.. 32 914
3329129	Nonaerospace type pneumatic directional control valves	
	United States .....	2002.. 492 388 1997.. 619 943
	Michigan .....	2002.. 182 431 1997.. 260 896
	Ohio .....	2002.. 34 761 1997.. 37 691
	Pennsylvania .....	2002.. 29 512 1997.. N
332912B	Nonaerospace type pneumatic valves, except directional control	
	United States .....	2002.. 142 130 1997.. 192 604
	Illinois .....	2002.. 8 029 1997.. 7 858
	Ohio .....	2002.. 14 234 1997.. 28 780
332912D	Parts for fluid power valves	
	United States .....	2002.. 164 270 1997.. 212 581
	Michigan .....	2002.. 12 073 1997.. 60 535
	New York .....	2002.. 20 335 1997.. 12 058
	Ohio .....	2002.. 11 378 1997.. 17 663
332912F	Aerospace type hydraulic and pneumatic fluid power hose or tube end fittings and assemblies	
	United States .....	2002.. 612 388 1997.. 541 440
	California .....	2002.. 133 364 1997.. 149 798
	New York .....	2002.. 16 883 1997.. N
332912H	Nonaerospace type flared (metal) fittings, couplings, and assemblies of tubing used in fluid power transfer systems	
	United States .....	2002.. 365 723 1997.. 389 751
	California .....	2002.. 7 272 1997.. N
	Indiana .....	2002.. 15 986 1997.. N
	Michigan .....	2002.. 92 038 1997.. 99 640
	Ohio .....	2002.. 111 733 1997.. 140 723
	Texas .....	2002.. 12 780 1997.. N
	Wisconsin .....	2002.. 3 507 1997.. 21 300
332912J	Nonaerospace type flareless fittings and couplings, including nonmetal fittings, used in fluid power transfer systems	
	United States .....	2002.. 536 414 1997.. 512 409
	Ohio .....	2002.. 378 292 1997.. 302 475
332912L	Nonaerospace type hydraulic and pneumatic fittings and couplings for hose	
	United States .....	2002.. 717 535 1997.. 849 786
	Indiana .....	2002.. 18 146 1997.. 38 722
	Ohio .....	2002.. 216 952 1997.. 256 459
	Pennsylvania .....	2002.. 44 878 1997.. 36 415
332912N	Nonaerospace type hydraulic and pneumatic assemblies of hose	
	United States .....	2002.. 288 738 1997.. 289 050
	Illinois .....	2002.. 54 562 1997.. 56 671
3329131	Single lever plumbing fixture controls, two and three handle bath and shower fittings, and antiscald bath or shower valves (brass goods)	
	United States .....	2002.. 1 144 127 1997.. 1 141 480
	California .....	2002.. 44 417 1997.. 200 800
3329133	Lavatory and sink fittings (except single control), including drains and overflows (brass goods)	
	United States .....	2002.. 544 718 1997.. 843 751
	California .....	2002.. 19 057 1997.. 123 333

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3329138	Miscellaneous plumbing fixtures, fittings, and trim (brass goods)	
	United States .....	2002.. 1 193 885
	California .....	1997.. N
	Connecticut .....	2002.. 161 070
	Ohio .....	1997.. N
3329191	Plumbing and heating valves and specialties, except plumbers' brass goods	
	United States .....	2002.. 553 253
	California .....	1997.. 541 652
	Indiana .....	2002.. 14 003
	New York .....	1997.. 16 856
	Pennsylvania .....	2002.. 19 018
	Texas .....	1997.. N
	Wisconsin .....	2002.. 16 109
3329194	Metal fittings, flanges, and unions for piping systems	
	United States .....	1997.. N
	Alabama .....	2002.. 49 191
	California .....	1997.. N
	Indiana .....	2002.. 66 786
	New York .....	1997.. N
	Pennsylvania .....	2002.. 87 727
	Tennessee .....	1997.. N
	Texas .....	2002.. 32 508
	Wisconsin .....	1997.. N
	Illinois .....	2002.. 290 616
	Kentucky .....	1997.. N
	North Carolina .....	2002.. 78 664
3329911	Ball bearings, complete, unmounted	
	United States .....	1997.. N
	Connecticut .....	2002.. 1 977 805
	Illinois .....	1997.. 2 107 110
	Indiana .....	2002.. 97 489
	Kentucky .....	1997.. 108 520
	North Carolina .....	2002.. 155 303
	Ohio .....	1997.. 197 256
3329913	Tapered roller bearings (including cups and cones), unmounted	
	United States .....	2002.. 142 716
	South Carolina .....	1997.. 139 117
	Wisconsin .....	2002.. 94 076
3329915	Other roller bearings, unmounted	
	United States .....	1997.. 97 961
	Indiana .....	2002.. 62 768
	Ohio .....	1997.. 69 761
3329917	Mounted bearings (except plain)	
	United States .....	2002.. 1 475 464
	Wisconsin .....	1997.. 1 470 822
3329919	Parts and components for ball and roller bearings (including balls and rollers), sold separately (excluding cups and cones)	
	United States .....	2002.. 220 810
	Illinois .....	1997.. 246 136
	Pennsylvania .....	2002.. 624 222
	Wisconsin .....	1997.. 648 035
3329920	Small arms ammunition	
	United States .....	2002.. 59 111
	Alabama .....	1997.. 33 827
	California .....	2002.. 19 599
	Connecticut .....	1997.. N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3329920	Small arms ammunition—Con.	
	Georgia ..... 2002 ..	3 878
	..... 1997 ..	N
	Missouri ..... 2002 ..	38 517
	..... 1997 ..	N
	Montana ..... 2002 ..	4 537
	..... 1997 ..	N
	Ohio ..... 2002 ..	10 627
	..... 1997 ..	N
	South Dakota ..... 2002 ..	8 715
	..... 1997 ..	N
	Texas ..... 2002 ..	5 464
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	15 117
	..... 1997 ..	N
3329931	Artillery ammunition (more than 30 mm, more than 1.18 in.)	
	United States ..... 2002 ..	460 977
	..... 1997 ..	647 163
	California ..... 2002 ..	54 435
	..... 1997 ..	30 434
3329933	All other miscellaneous ammunition (except for small arms)	
	United States ..... 2002 ..	332 492
	..... 1997 ..	651 375
3329941	Machine guns (30 mm or less, 1.18 in. or less)	
	United States ..... 2002 ..	D
	..... 1997 ..	109 852
3329944	Small arms (30 mm or less, 1.18 in. or less)	
	United States ..... 2002 ..	D
	..... 1997 ..	N
	California ..... 2002 ..	14 579
	..... 1997 ..	N
	Connecticut ..... 2002 ..	193 970
	..... 1997 ..	N
	Massachusetts ..... 2002 ..	110 603
	..... 1997 ..	N
	Minnesota ..... 2002 ..	47 925
	..... 1997 ..	N
	New Hampshire ..... 2002 ..	192 660
	..... 1997 ..	N
	New York ..... 2002 ..	227 154
	..... 1997 ..	N
	Texas ..... 2002 ..	26 883
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	10 152
	..... 1997 ..	N
3329951	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.))	
	United States ..... 2002 ..	739 881
	..... 1997 ..	705 785
3329952	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts)	
	United States ..... 2002 ..	583 556
	..... 1997 ..	421 646
3329960	Fabricated pipe and pipe fittings made from purchased pipe	
	United States ..... 2002 ..	3 637 411
	..... 1997 ..	N
	Alabama ..... 2002 ..	88 163
	..... 1997 ..	N
	Arizona ..... 2002 ..	8 275
	..... 1997 ..	N
	Arkansas ..... 2002 ..	117 787
	..... 1997 ..	N
	California ..... 2002 ..	239 584
	..... 1997 ..	N
	Colorado ..... 2002 ..	2 882
	..... 1997 ..	N
	Connecticut ..... 2002 ..	8 870
	..... 1997 ..	N
	Florida ..... 2002 ..	14 496
	..... 1997 ..	N
	Georgia ..... 2002 ..	99 387
	..... 1997 ..	N
	Illinois ..... 2002 ..	61 961
	..... 1997 ..	N
	Indiana ..... 2002 ..	106 078
	..... 1997 ..	N
	Iowa ..... 2002 ..	7 719
	..... 1997 ..	N
	Kansas ..... 2002 ..	27 072
	..... 1997 ..	N
	Kentucky ..... 2002 ..	16 306
	..... 1997 ..	N
	Louisiana ..... 2002 ..	299 451
	..... 1997 ..	N
	Maine ..... 2002 ..	3 615
	..... 1997 ..	N
	Maryland ..... 2002 ..	20 144
	..... 1997 ..	N
	Massachusetts ..... 2002 ..	18 215
	..... 1997 ..	N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3329960	Fabricated pipe and pipe fittings made from purchased pipe—Con.	
	Michigan .....	2002 .. 181 340 1997 .. N
	Minnesota .....	2002 .. 64 335 1997 .. N
	Mississippi .....	2002 .. 2 480 1997 .. N
	Missouri .....	2002 .. 30 967 1997 .. N
	New Jersey .....	2002 .. 85 033 1997 .. N
	New Mexico .....	2002 .. 2 333 1997 .. N
	New York .....	2002 .. 58 956 1997 .. N
	North Carolina .....	2002 .. 91 699 1997 .. N
	Ohio .....	2002 .. 175 038 1997 .. N
	Oklahoma .....	2002 .. 163 280 1997 .. N
	Oregon .....	2002 .. 47 821 1997 .. N
	Pennsylvania .....	2002 .. 197 329 1997 .. N
	South Carolina .....	2002 .. 100 713 1997 .. N
	Tennessee .....	2002 .. 71 092 1997 .. N
	Texas .....	2002 .. 914 647 1997 .. N
	Utah .....	2002 .. 28 349 1997 .. N
	Virginia .....	2002 .. 33 142 1997 .. N
	Washington .....	2002 .. 41 766 1997 .. N
	Wisconsin .....	2002 .. 120 294 1997 .. N
	3329970	Industrial patterns
United States .....		2002 .. 614 709 1997 .. 815 026
Alabama .....		2002 .. 7 284 1997 .. N
California .....		2002 .. 20 468 1997 .. N
Georgia .....		2002 .. 11 875 1997 .. N
Illinois .....		2002 .. 32 236 1997 .. N
Indiana .....		2002 .. 44 152 1997 .. N
Iowa .....		2002 .. 20 311 1997 .. N
Kansas .....		2002 .. 2 532 1997 .. N
Massachusetts .....		2002 .. 18 941 1997 .. N
Michigan .....		2002 .. 133 840 1997 .. N
Minnesota .....		2002 .. 17 883 1997 .. N
Missouri .....		2002 .. 4 120 1997 .. N
New Jersey .....		2002 .. 9 877 1997 .. N
New York .....		2002 .. 14 168 1997 .. N
North Carolina .....		2002 .. 2 073 1997 .. N
Ohio .....		2002 .. 76 547 1997 .. N
Oklahoma .....		2002 .. 2 953 1997 .. N
Oregon .....		2002 .. 15 497 1997 .. N
Pennsylvania .....		2002 .. 26 206 1997 .. N
Texas .....		2002 .. 12 357 1997 .. N
Virginia .....	2002 .. 2 320 1997 .. N	
Washington .....	2002 .. 16 008 1997 .. N	
Wisconsin .....	2002 .. 95 490 1997 .. N	
3329980	Enameled iron and metal sanitary ware	
	United States .....	2002 .. 1 197 439 1997 .. 1 233 656
	California .....	2002 .. 180 166 1997 .. N
	Missouri .....	2002 .. 23 807 1997 .. N
	Pennsylvania .....	2002 .. 24 181 1997 .. N
3329992	Converted unmounted aluminum foil packaging products	
	United States .....	2002 .. 736 476 1997 .. N

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3329995	Miscellaneous machinery products		
	United States .....	2002.. 1 327 506 1997.. N	
	Arizona .....	2002.. 3 006 1997.. N	
	California .....	2002.. 121 154 1997.. N	
	Colorado .....	2002.. 5 880 1997.. N	
	Florida .....	2002.. 10 352 1997.. N	
	Georgia .....	2002.. 22 594 1997.. N	
	Indiana .....	2002.. 25 864 1997.. N	
	Kansas .....	2002.. 16 303 1997.. N	
	Louisiana .....	2002.. 2 451 1997.. N	
	Maine .....	2002.. 7 085 1997.. N	
	Massachusetts .....	2002.. 56 468 1997.. N	
	Michigan .....	2002.. 16 488 1997.. N	
	New Hampshire .....	2002.. 65 336 1997.. N	
	New York .....	2002.. 32 383 1997.. N	
	Ohio .....	2002.. 324 858 1997.. N	
	Pennsylvania .....	2002.. 35 284 1997.. N	
	Texas .....	2002.. 240 471 1997.. N	
	Virginia .....	2002.. 69 634 1997.. N	
	Wisconsin .....	2002.. 23 533 1997.. N	
	3329997	Fabricated metal collapsible tubes	
		United States .....	2002.. 72 277 1997.. 53 062
	3329999	Flat metal strapping	
United States .....		2002.. 395 971 1997.. 349 386	
California .....		2002.. 67 060 1997.. N	
Illinois .....		2002.. 244 879 1997.. N	
332999B	Metal ladders		
	United States .....	2002.. 338 749 1997.. N	
	California .....	2002.. 37 177 1997.. N	
	Pennsylvania .....	2002.. 70 463 1997.. N	
	Tennessee .....	2002.. 2 989 1997.. N	
	Wisconsin .....	2002.. 5 412 1997.. N	
332999H	All other miscellaneous fabricated metal products		
	United States .....	2002.. 5 573 810 1997.. N	
	Alabama .....	2002.. 89 450 1997.. N	
	Arizona .....	2002.. 56 261 1997.. N	
	Arkansas .....	2002.. 21 967 1997.. N	
	California .....	2002.. 353 847 1997.. N	
	Colorado .....	2002.. 13 403 1997.. N	
	Connecticut .....	2002.. 79 627 1997.. N	
	Florida .....	2002.. 73 597 1997.. N	
	Georgia .....	2002.. 237 598 1997.. N	
	Illinois .....	2002.. 477 598 1997.. N	
	Indiana .....	2002.. 468 763 1997.. N	
	Kentucky .....	2002.. 63 404 1997.. N	
	Louisiana .....	2002.. 13 761 1997.. N	
	Maine .....	2002.. 38 690 1997.. N	
	Massachusetts .....	2002.. 118 538 1997.. N	
	Michigan .....	2002.. 493 835 1997.. N	
	Minnesota .....	2002.. 55 928 1997.. N	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
332999H	All other miscellaneous fabricated metal products—Con.	
	Mississippi .....	2002 .. 9 991
	.....	1997 .. N
	Missouri .....	2002 .. 85 402
	.....	1997 .. N
	New Hampshire .....	2002 .. 33 974
	.....	1997 .. N
	New Jersey .....	2002 .. 112 630
	.....	1997 .. N
	New York .....	2002 .. 202 101
	.....	1997 .. N
	North Carolina .....	2002 .. 35 683
	.....	1997 .. N
	Ohio .....	2002 .. 673 632
	.....	1997 .. N
	Oklahoma .....	2002 .. 61 744
	.....	1997 .. N
Oregon .....	2002 .. 30 858	
.....	1997 .. N	
Pennsylvania .....	2002 .. 220 267	
.....	1997 .. N	
South Carolina .....	2002 .. 133 966	
.....	1997 .. N	
Tennessee .....	2002 .. 83 058	
.....	1997 .. N	
Texas .....	2002 .. 431 497	
.....	1997 .. N	
Utah .....	2002 .. 95 976	
.....	1997 .. N	
Wisconsin .....	2002 .. 117 382	
.....	1997 .. N	
3331111	Farm-type (power take-off hp) wheel tractors (2- and 4-wheel drive) (sold with or without attachments)	
	United States .....	2002 .. 3 662 954
.....	1997 .. 3 856 907	
3331114	Farm dairy equipment, sprayers and dusters (except aerial types), farm blowers, and attachments	
	United States .....	2002 .. 662 506
	.....	1997 .. N
	Minnesota .....	2002 .. 281 404
	.....	1997 .. N
	Texas .....	2002 .. 7 912
.....	1997 .. N	
Wisconsin .....	2002 .. 36 542	
.....	1997 .. N	
3331117	Planting, seeding, and fertilizing machinery and attachments, excluding turf machinery	
	United States .....	2002 .. 786 340
	.....	1997 .. 1 080 018
	Georgia .....	2002 .. 25 524
	.....	1997 .. 11 783
	Illinois .....	2002 .. 207 815
	.....	1997 .. N
	Kansas .....	2002 .. 88 652
	.....	1997 .. N
	Michigan .....	2002 .. 4 889
	.....	1997 .. 8 724
	Nebraska .....	2002 .. 14 094
.....	1997 .. 16 681	
Texas .....	2002 .. 14 818	
.....	1997 .. N	
Wisconsin .....	2002 .. 36 636	
.....	1997 .. 27 021	
3331119	Harvesting machinery (except hay and straw) and attachments	
	United States .....	2002 .. 1 809 554
	.....	1997 .. 2 970 346
	California .....	2002 .. 27 811
	.....	1997 .. 31 197
	Idaho .....	2002 .. 13 789
.....	1997 .. 12 405	
Nebraska .....	2002 .. 204 291	
.....	1997 .. 107 106	
333111A	Haying machinery and attachments	
	United States .....	2002 .. 919 706
	.....	1997 .. 664 378
Oregon .....	2002 .. 11 557	
.....	1997 .. 27 899	
333111C	Parts for farm machinery, for sale separately	
	United States .....	2002 .. 1 461 569
	.....	1997 .. 1 425 475
	Alabama .....	2002 .. 6 314
	.....	1997 .. N
	California .....	2002 .. 22 478
	.....	1997 .. 8 679
	Colorado .....	2002 .. 23 482
	.....	1997 .. 3 284
	Georgia .....	2002 .. 5 866
	.....	1997 .. 8 648
	Illinois .....	2002 .. 437 974
	.....	1997 .. 376 655
Iowa .....	2002 .. 408 644	
.....	1997 .. 555 979	
Missouri .....	2002 .. 17 612	
.....	1997 .. 11 244	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
333111C	Parts for farm machinery, for sale separately—Con.	
	Nebraska .....	2002 .. 50 745
	.....	1997 .. 78 310
	North Dakota .....	2002 .. 11 520
	.....	1997 .. 24 857
	Ohio .....	2002 .. 2 891
	.....	1997 .. N
	Oregon .....	2002 .. 11 605
	.....	1997 .. 3 891
	Tennessee .....	2002 .. 4 569
.....	1997 .. N	
Wisconsin .....	2002 .. 99 719	
.....	1997 .. 62 959	
333111E	Farm plows (including plowshares, primary tillage), harrows, rollers, pulverizers, and cultivators and weeders, and attachments	
	United States .....	2002 .. 346 152
	.....	1997 .. 608 954
	California .....	2002 .. 11 019
	.....	1997 .. 14 372
	Georgia .....	2002 .. 5 363
	.....	1997 .. 19 961
	Illinois .....	2002 .. 83 551
	.....	1997 .. 92 641
	Kansas .....	2002 .. 53 071
	.....	1997 .. 71 469
	Minnesota .....	2002 .. 2 067
	.....	1997 .. N
	Mississippi .....	2002 .. 10 951
.....	1997 .. 9 764	
Texas .....	2002 .. 7 284	
.....	1997 .. 12 686	
333111G	All other farm machinery and equipment (excluding parts), including attachments	
	United States .....	2002 .. 2 003 254
	.....	1997 .. 1 836 550
	Alabama .....	2002 .. 172 658
	.....	1997 .. 138 982
	California .....	2002 .. 105 855
	.....	1997 .. 39 445
	Colorado .....	2002 .. 13 486
	.....	1997 .. N
	Idaho .....	2002 .. 27 837
	.....	1997 .. N
	Illinois .....	2002 .. 216 734
	.....	1997 .. 180 252
	Indiana .....	2002 .. 141 052
	.....	1997 .. 176 071
	Kansas .....	2002 .. 68 460
	.....	1997 .. 104 938
	Minnesota .....	2002 .. 44 955
	.....	1997 .. 45 494
	Mississippi .....	2002 .. 20 459
	.....	1997 .. 18 353
	Missouri .....	2002 .. 20 004
	.....	1997 .. 7 806
	Nebraska .....	2002 .. 410 104
	.....	1997 .. 427 389
	Ohio .....	2002 .. 30 792
	.....	1997 .. 17 056
	Oregon .....	2002 .. 23 715
.....	1997 .. 18 921	
South Dakota .....	2002 .. 30 189	
.....	1997 .. 13 022	
Texas .....	2002 .. 65 649	
.....	1997 .. 20 761	
Wisconsin .....	2002 .. 103 993	
.....	1997 .. 117 432	
333111J	Commercial turf and grounds care equipment, including parts and attachments	
	United States .....	2002 .. 1 551 951
	.....	1997 .. 1 340 221
	Kansas .....	2002 .. 179 654
	.....	1997 .. 87 341
	Missouri .....	2002 .. 27 358
	.....	1997 .. 5 100
Nebraska .....	2002 .. 311 941	
.....	1997 .. 125 778	
Wisconsin .....	2002 .. 421 082	
.....	1997 .. 581 436	
3331121	Consumer nonriding lawn, garden, and snow equipment	
	United States .....	2002 .. 2 809 875
	.....	1997 .. 2 875 961
Tennessee .....	2002 .. 412 611	
.....	1997 .. N	
3331123	Consumer riding lawn, garden, and snow equipment	
	United States .....	2002 .. 2 827 539
	.....	1997 .. 2 516 613
Tennessee .....	2002 .. 904 058	
.....	1997 .. 722 644	
3331127	Parts and attachments for consumer lawn, garden, and snow equipment	
	United States .....	2002 .. 748 915
	.....	1997 .. 816 253
	Arizona .....	2002 .. 27 812
.....	1997 .. N	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3331127	Parts and attachments for consumer lawn, garden, and snow equipment—Con.	
	Illinois .....	2002 .. 105 669
	.....	1997 .. 105 252
	North Carolina .....	2002 .. 4 178
	.....	1997 .. N
Tennessee .....	2002 .. 70 992	
	.....	1997 .. 103 156
Wisconsin .....	2002 .. 177 956	
	.....	1997 .. 103 965
3331201	Power cranes, excavation loaders, dozers, construction tractors, off-highway trucks and trailers, mixers, pavers, backhoes, and related equipment	
	United States .....	2002 .. 12 008 630
	.....	1997 .. 13 693 995
	Arkansas .....	2002 .. 6 393
	.....	1997 .. 13 222
	California .....	2002 .. 13 347
	.....	1997 .. 38 223
	Florida .....	2002 .. 76 542
	.....	1997 .. 20 361
	Georgia .....	2002 .. 379 286
	.....	1997 .. 332 111
	Illinois .....	2002 .. 3 534 315
	.....	1997 .. N
	Indiana .....	2002 .. 138 665
	.....	1997 .. N
	Iowa .....	2002 .. 1 538 838
	.....	1997 .. 2 124 404
	Kansas .....	2002 .. 503 255
	.....	1997 .. 424 762
	Louisiana .....	2002 .. 30 382
	.....	1997 .. 18 277
	Michigan .....	2002 .. 67 846
	.....	1997 .. 79 680
	Minnesota .....	2002 .. 314 712
	.....	1997 .. 559 214
	Nebraska .....	2002 .. 73 465
	.....	1997 .. 78 318
	New York .....	2002 .. 60 546
	.....	1997 .. 73 329
	North Carolina .....	2002 .. 1 551 575
	.....	1997 .. 384 051
	Ohio .....	2002 .. 173 640
	.....	1997 .. 389 697
Oklahoma .....	2002 .. 360 984	
.....	1997 .. 313 841	
Oregon .....	2002 .. 72 189	
.....	1997 .. 75 477	
Pennsylvania .....	2002 .. 358 159	
.....	1997 .. 969 672	
South Dakota .....	2002 .. 143 729	
.....	1997 .. 165 544	
Texas .....	2002 .. 161 279	
.....	1997 .. 289 443	
Washington .....	2002 .. 18 053	
.....	1997 .. 42 552	
Wisconsin .....	2002 .. 622 397	
.....	1997 .. 996 283	
3331208	Other construction machinery and equipment (excluding parts)	
	United States .....	2002 .. 1 740 291
	.....	1997 .. 2 122 257
	California .....	2002 .. 27 145
	.....	1997 .. 17 826
	Idaho .....	2002 .. 34 343
	.....	1997 .. N
	Illinois .....	2002 .. 24 266
	.....	1997 .. 76 894
	Indiana .....	2002 .. 34 575
	.....	1997 .. 40 382
	Iowa .....	2002 .. 141 460
	.....	1997 .. 337 684
	Kansas .....	2002 .. 52 533
	.....	1997 .. 67 811
	Louisiana .....	2002 .. 20 266
	.....	1997 .. 23 019
	Michigan .....	2002 .. 177 611
	.....	1997 .. 33 963
	Minnesota .....	2002 .. 43 357
	.....	1997 .. 50 359
	New York .....	2002 .. 28 037
	.....	1997 .. 14 703
	Ohio .....	2002 .. 95 787
	.....	1997 .. 105 093
	Oklahoma .....	2002 .. 38 814
	.....	1997 .. N
Oregon .....	2002 .. 10 076	
.....	1997 .. 13 777	
Pennsylvania .....	2002 .. 34 267	
.....	1997 .. 72 561	
Texas .....	2002 .. 67 250	
.....	1997 .. 53 335	
Washington .....	2002 .. 10 809	
.....	1997 .. 59 923	
Wisconsin .....	2002 .. 324 559	
.....	1997 .. 224 139	
3331209	Parts for construction machinery and equipment, sold separately	
	United States .....	2002 .. 2 269 625
.....	1997 .. 2 968 564	

See footnotes at end of table.



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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3331209	Parts for construction machinery and equipment, sold separately—Con.	
	California ..... 2002 ..	43 153
	..... 1997 ..	14 063
	Colorado ..... 2002 ..	3 939
	..... 1997 ..	N
	Illinois ..... 2002 ..	445 504
	..... 1997 ..	867 062
	Indiana ..... 2002 ..	50 822
	..... 1997 ..	55 577
	Iowa ..... 2002 ..	315 328
	..... 1997 ..	386 449
	Kansas ..... 2002 ..	49 123
	..... 1997 ..	96 620
	Louisiana ..... 2002 ..	10 212
	..... 1997 ..	10 095
	Massachusetts ..... 2002 ..	29 883
	..... 1997 ..	21 806
	Michigan ..... 2002 ..	25 533
	..... 1997 ..	31 145
	Minnesota ..... 2002 ..	21 204
	..... 1997 ..	81 831
	Mississippi ..... 2002 ..	5 981
	..... 1997 ..	N
	New York ..... 2002 ..	22 618
	..... 1997 ..	18 313
	Ohio ..... 2002 ..	115 803
..... 1997 ..	115 412	
Oklahoma ..... 2002 ..	109 058	
..... 1997 ..	86 726	
Oregon ..... 2002 ..	15 878	
..... 1997 ..	16 059	
Pennsylvania ..... 2002 ..	143 495	
..... 1997 ..	100 172	
Texas ..... 2002 ..	89 721	
..... 1997 ..	102 661	
Virginia ..... 2002 ..	28 802	
..... 1997 ..	N	
Washington ..... 2002 ..	15 975	
..... 1997 ..	25 538	
Wisconsin ..... 2002 ..	436 349	
..... 1997 ..	327 537	
3331311	Underground mining machinery (except parts sold separately)	
	United States ..... 2002 ..	476 036
	..... 1997 ..	680 836
	Virginia ..... 2002 ..	70 409
	..... 1997 ..	91 060
West Virginia ..... 2002 ..	65 063	
..... 1997 ..	53 813	
3331313	Mineral processing and beneficiation machinery (except parts sold separately)	
	United States ..... 2002 ..	D
..... 1997 ..	633 663	
3331315	Crushing, pulverizing, and screening machinery (except parts sold separately and portable crushing, screening, washing and combination plants)	
	United States ..... 2002 ..	242 615
..... 1997 ..	482 132	
3331317	Drills and other mining machinery (except parts sold separately)	
	United States ..... 2002 ..	D
	..... 1997 ..	263 008
	Pennsylvania ..... 2002 ..	5 731
..... 1997 ..	N	
3331319	Parts and attachments for mining machinery and equipment (sold separately)	
	United States ..... 2002 ..	638 917
	..... 1997 ..	777 472
	Indiana ..... 2002 ..	14 194
	..... 1997 ..	7 071
	Ohio ..... 2002 ..	76 915
	..... 1997 ..	81 342
	Pennsylvania ..... 2002 ..	53 800
	..... 1997 ..	47 124
Texas ..... 2002 ..	56 762	
..... 1997 ..	65 256	
West Virginia ..... 2002 ..	30 255	
..... 1997 ..	25 132	
3331321	Rotary oil and gas field drilling machinery and equipment	
	United States ..... 2002 ..	1 367 421
	..... 1997 ..	1 728 716
	California ..... 2002 ..	6 693
	..... 1997 ..	N
	Louisiana ..... 2002 ..	146 464
	..... 1997 ..	100 060
	Oklahoma ..... 2002 ..	39 980
..... 1997 ..	34 204	
Texas ..... 2002 ..	1 130 108	
..... 1997 ..	1 458 257	
3331323	Other oil and gas field drilling machinery and equipment	
	United States ..... 2002 ..	771 470
	..... 1997 ..	691 092
	Texas ..... 2002 ..	499 988
..... 1997 ..	441 283	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3331325	Oil and gas field production machinery and equipment (except pumps)	
	United States .....	2002.. 1 881 922
		1997.. 1 798 028
	California .....	2002.. 26 595
		1997.. 29 657
	Louisiana .....	2002.. 140 383
		1997.. 218 074
	Oklahoma .....	2002.. 376 643
		1997.. 306 243
	Texas .....	2002.. 1 222 791
	1997.. 1 175 499	
3331327	Portable drilling rigs and parts (above ground)	
	United States .....	2002.. 400 867
		1997.. 526 919
	Pennsylvania .....	2002.. 35 783
		1997.. 37 740
	2002.. 266 535	
	1997.. 233 870	
3331329	Oil and gas field derricks and well surveying machinery	
	United States .....	2002.. 103 898
		1997.. 243 048
	Texas .....	2002.. 80 531
	1997.. 208 915	
3332103	Woodworking machinery, including parts, attachments, and accessories	
	United States .....	2002.. 726 620
		1997.. 829 627
	Arkansas .....	2002.. 54 749
		1997.. N
	California .....	2002.. 54 027
		1997.. 31 786
	Georgia .....	2002.. 16 528
		1997.. 10 584
	Indiana .....	2002.. 57 371
		1997.. 68 644
	Mississippi .....	2002.. 59 540
		1997.. 59 554
	New Hampshire .....	2002.. 5 480
		1997.. 3 401
	Oregon .....	2002.. 75 250
		1997.. 146 454
	Pennsylvania .....	2002.. 16 497
		1997.. 12 456
	Texas .....	2002.. 5 624
	1997.. 5 936	
Vermont .....	2002.. 4 996	
	1997.. 4 532	
Washington .....	2002.. 25 646	
	1997.. N	
Wisconsin .....	2002.. 25 315	
	1997.. 32 834	
3332105	Woodworking machinery for home workshops, garages, and service shops (excluding chainsaws and other power-driven handtools)	
	United States .....	2002.. 66 530
		1997.. 173 826
3332201	Plastics-working machinery and equipment, excluding patterns and molds	
	United States .....	2002.. 2 303 059
		1997.. 2 671 954
	California .....	2002.. 94 116
		1997.. 28 622
	Florida .....	2002.. 8 123
		1997.. 9 971
	Indiana .....	2002.. 24 648
		1997.. 45 729
	New Hampshire .....	2002.. 9 518
		1997.. 14 787
	New Jersey .....	2002.. 78 573
		1997.. 62 825
	North Carolina .....	2002.. 48 401
		1997.. 30 706
	Ohio .....	2002.. 405 998
		1997.. 824 914
	Pennsylvania .....	2002.. 281 978
		1997.. 227 668
	Texas .....	2002.. 12 693
	1997.. 14 611	
3332203	Rubber-working machinery and equipment, excluding tire molds	
	United States .....	2002.. 231 301
		1997.. 290 979
	California .....	2002.. 14 205
		1997.. 16 413
	Indiana .....	2002.. 5 639
		1997.. 10 043
	North Carolina .....	2002.. 6 932
		1997.. N
	Ohio .....	2002.. 100 662
	1997.. 134 555	
Pennsylvania .....	2002.. 3 302	
	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3332911	Paper industry machinery	
	United States .....	2002 .. 833 516
		1997 .. 1 956 175
	Alabama .....	2002 .. 10 220
		1997 .. 20 377
	Georgia .....	2002 .. 9 091
		1997 .. 24 732
	Illinois .....	2002 .. 9 636
		1997 .. 24 548
	Indiana .....	2002 .. 9 250
		1997 .. 28 588
	Massachusetts .....	2002 .. 50 862
		1997 .. 78 286
	New York .....	2002 .. 35 690
		1997 .. 55 261
	Ohio .....	2002 .. 50 281
		1997 .. 75 880
Oregon .....	2002 .. 15 332	
	1997 .. 30 718	
Pennsylvania .....	2002 .. 36 253	
	1997 .. 94 260	
Tennessee .....	2002 .. 16 313	
	1997 .. 10 193	
Washington .....	2002 .. 25 931	
	1997 .. 27 215	
Wisconsin .....	2002 .. 342 025	
	1997 .. 805 563	
3332913	Parts and attachments for paper industry machinery (sold separately)	
	United States .....	2002 .. 585 957
		1997 .. 814 234
	Alabama .....	2002 .. 19 091
		1997 .. 6 974
	Georgia .....	2002 .. 14 725
		1997 .. 7 607
	Illinois .....	2002 .. 4 733
		1997 .. N
	Indiana .....	2002 .. 3 542
		1997 .. 5 035
	Massachusetts .....	2002 .. 64 921
		1997 .. 93 428
	New Hampshire .....	2002 .. 30 169
		1997 .. 50 892
	New York .....	2002 .. 13 115
		1997 .. 56 557
Ohio .....	2002 .. 22 257	
	1997 .. 46 846	
Oregon .....	2002 .. 7 267	
	1997 .. 6 785	
Pennsylvania .....	2002 .. 60 609	
	1997 .. 33 217	
Washington .....	2002 .. 18 731	
	1997 .. 5 789	
Wisconsin .....	2002 .. 203 650	
	1997 .. 290 037	
3332921	Textile machinery (except parts, attachments, and accessories)	
	United States .....	2002 .. 501 013
		1997 .. 877 516
	Georgia .....	2002 .. 33 961
		1997 .. 62 770
	Massachusetts .....	2002 .. 14 286
		1997 .. 38 433
	New Jersey .....	2002 .. 7 890
		1997 .. 20 061
	New York .....	2002 .. 24 672
		1997 .. 46 329
North Carolina .....	2002 .. 78 584	
	1997 .. 198 687	
Pennsylvania .....	2002 .. 15 991	
	1997 .. 18 709	
South Carolina .....	2002 .. 54 851	
	1997 .. 150 278	
3332923	Parts and attachments for textile machinery	
	United States .....	2002 .. 269 175
		1997 .. 499 625
	Georgia .....	2002 .. 53 846
		1997 .. 29 190
	Massachusetts .....	2002 .. 6 071
		1997 .. 12 320
	New Jersey .....	2002 .. 6 703
		1997 .. 7 505
	New York .....	2002 .. 8 659
		1997 .. 19 103
North Carolina .....	2002 .. 76 206	
	1997 .. 161 735	
Pennsylvania .....	2002 .. 10 643	
	1997 .. 13 891	
South Carolina .....	2002 .. 65 221	
	1997 .. 177 453	
3332931	Printing presses, offset lithographic	
	United States .....	2002 .. D
	Illinois .....	1997 .. 584 387
	2002 .. 44 472	
	1997 .. 36 614	
3332933	Printing presses, other than lithographic	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3332933	Printing presses, other than lithographic—Con.	
	United States .....	2002 .. 347 314
		1997 .. 383 117
	Illinois .....	2002 .. 5 172
		1997 .. 30 750
	Massachusetts .....	2002 .. 3 702
		1997 .. N
	Ohio .....	2002 .. 50 300
		1997 .. N
	Pennsylvania .....	2002 .. 32 438
		1997 .. N
3332935	Typesetting machinery, excluding justifying typewriters	
	United States .....	2002 .. D
		1997 .. D
3332937	Binding machinery and equipment (including paper cutting, collating, and gathering machines)	
	United States .....	2002 .. 256 807
		1997 .. 354 522
	Illinois .....	2002 .. 10 685
		1997 .. 13 302
3332939	All other miscellaneous printing trades machinery	
	United States .....	2002 .. 1 452 066
		1997 .. 1 697 553
	California .....	2002 .. 125 687
		1997 .. 89 397
	Illinois .....	2002 .. 128 117
		1997 .. 233 246
	Indiana .....	2002 .. 32 261
		1997 .. 40 899
	Massachusetts .....	2002 .. 115 429
		1997 .. 164 037
	Michigan .....	2002 .. 7 524
		1997 .. 23 524
	New Jersey .....	2002 .. 81 113
		1997 .. 62 833
	New York .....	2002 .. 250 572
		1997 .. 43 027
Pennsylvania .....	2002 .. 27 154	
	1997 .. 58 874	
Wisconsin .....	2002 .. 97 691	
	1997 .. 112 011	
3332941	Dairy and milk products plant machinery and equipment (except bottling and packaging)	
	United States .....	2002 .. 372 700
		1997 .. 285 898
	Minnesota .....	2002 .. 43 481
		1997 .. 19 908
	Wisconsin .....	2002 .. 161 670
		1997 .. 93 574
3332943	Commercial food products machinery (except packaging machinery and food cooking and warming equipment)	
	United States .....	2002 .. 991 450
		1997 .. 943 885
	Georgia .....	2002 .. 71 027
		1997 .. 69 139
	Illinois .....	2002 .. 189 707
		1997 .. 184 291
	Kansas .....	2002 .. 10 738
		1997 .. N
	Missouri .....	2002 .. 4 970
		1997 .. 15 131
	New Jersey .....	2002 .. 30 885
		1997 .. 32 020
	New York .....	2002 .. 7 290
		1997 .. 48 604
	North Carolina .....	2002 .. 24 980
		1997 .. 53 248
Pennsylvania .....	2002 .. 35 319	
	1997 .. 27 163	
Texas .....	2002 .. 27 089	
	1997 .. 17 090	
Washington .....	2002 .. 63 227	
	1997 .. 44 032	
Wisconsin .....	2002 .. 21 788	
	1997 .. N	
3332945	Industrial machinery and equipment for manufacturing or processing foods, beverages, and animal and fowl feed	
	United States .....	2002 .. 966 491
		1997 .. 1 089 558
	California .....	2002 .. 103 592
		1997 .. 156 189
	Indiana .....	2002 .. 12 439
		1997 .. N
	Iowa .....	2002 .. 90 151
		1997 .. 78 778
	Kansas .....	2002 .. 78 699
		1997 .. 70 985
	Michigan .....	2002 .. 3 423
		1997 .. 6 336
	Missouri .....	2002 .. 17 549
		1997 .. N
North Carolina .....	2002 .. 22 737	
	1997 .. N	
Ohio .....	2002 .. 131 739	
	1997 .. 101 442	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3332945	Industrial machinery and equipment for manufacturing or processing foods, beverages, and animal and fowl feed— Con.	
	Oregon ..... 2002..	12 766
	..... 1997..	22 077
	Wisconsin ..... 2002..	106 630
	..... 1997..	51 557
3332950	Semiconductor manufacturing equipment (except furnaces and ovens, instruments, and photographic)	
	United States ..... 2002..	10 874 752
	..... 1997..	10 072 595
	Arizona ..... 2002..	298 252
	..... 1997..	N
	California ..... 2002..	4 151 988
	..... 1997..	N
	Florida ..... 2002..	94 899
	..... 1997..	N
	Illinois ..... 2002..	5 610
	..... 1997..	N
	Massachusetts ..... 2002..	1 072 355
	..... 1997..	N
	Minnesota ..... 2002..	145 898
	..... 1997..	N
	New Hampshire ..... 2002..	8 658
	..... 1997..	N
	New Jersey ..... 2002..	40 675
	..... 1997..	N
	New York ..... 2002..	286 475
	..... 1997..	N
	Oregon ..... 2002..	244 770
	..... 1997..	N
	Pennsylvania ..... 2002..	87 915
	..... 1997..	N
	Texas ..... 2002..	3 461 125
	..... 1997..	N
3332981	Chemical manufacturing machinery, equipment, and parts	
	United States ..... 2002..	1 376 444
	..... 1997..	1 311 474
	Florida ..... 2002..	24 358
	..... 1997..	20 285
	Illinois ..... 2002..	138 537
	..... 1997..	132 655
	Indiana ..... 2002..	18 203
	..... 1997..	N
	Massachusetts ..... 2002..	153 756
	..... 1997..	69 447
	New Jersey ..... 2002..	46 037
	..... 1997..	22 712
	New York ..... 2002..	175 695
	..... 1997..	150 629
	Ohio ..... 2002..	50 623
	..... 1997..	113 068
	Pennsylvania ..... 2002..	65 629
	..... 1997..	120 123
	Texas ..... 2002..	227 406
	..... 1997..	45 538
	Utah ..... 2002..	4 729
	..... 1997..	N
	Virginia ..... 2002..	60 750
	..... 1997..	N
	Wisconsin ..... 2002..	10 310
	..... 1997..	N
3332983	Foundry machinery and equipment, excluding patterns and molds	
	United States ..... 2002..	387 893
	..... 1997..	367 622
	Michigan ..... 2002..	75 193
	..... 1997..	56 219
3332985	Printed circuit board manufacturing machinery, except testing	
	United States ..... 2002..	978 179
	..... 1997..	941 482
	California ..... 2002..	92 191
	..... 1997..	293 557
3332987	All other miscellaneous special industry machinery and equipment	
	United States ..... 2002..	3 734 971
	..... 1997..	4 379 791
	California ..... 2002..	437 629
	..... 1997..	441 058
	Colorado ..... 2002..	40 082
	..... 1997..	20 909
	Connecticut ..... 2002..	130 896
	..... 1997..	292 015
	Florida ..... 2002..	57 678
	..... 1997..	76 926
	Georgia ..... 2002..	49 024
	..... 1997..	111 939
	Illinois ..... 2002..	310 210
	..... 1997..	396 538
	Indiana ..... 2002..	101 647
	..... 1997..	149 802
	Kansas ..... 2002..	147 527
	..... 1997..	N
	Massachusetts ..... 2002..	151 447
	..... 1997..	124 944
	Michigan ..... 2002..	619 941
	..... 1997..	538 545

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3332987	All other miscellaneous special industry machinery and equipment—Con.	
	Minnesota ..... 2002 ..	80 145
	..... 1997 ..	77 597
	Missouri ..... 2002 ..	33 282
	..... 1997 ..	39 948
	New Jersey ..... 2002 ..	143 713
	..... 1997 ..	135 174
	New York ..... 2002 ..	105 610
	..... 1997 ..	179 841
	North Carolina ..... 2002 ..	64 502
	..... 1997 ..	103 684
	Ohio ..... 2002 ..	312 586
	..... 1997 ..	307 963
	Oklahoma ..... 2002 ..	261 766
	..... 1997 ..	162 607
	Pennsylvania ..... 2002 ..	99 472
	..... 1997 ..	150 352
	Utah ..... 2002 ..	39 848
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	101 222
	..... 1997 ..	138 167
3333111	Automatic merchandising machines, coin-operated (vending) (excluding money changing machines and coin-operated mechanisms)	
	United States ..... 2002 ..	824 047
	..... 1997 ..	924 347
3333113	Automatic merchandising machines, coin-operated mechanisms, including time switches	
	United States ..... 2002 ..	124 903
	..... 1997 ..	N
3333114	Currency handling machines, including money changing and dispensing machines	
	United States ..... 2002 ..	317 889
	..... 1997 ..	N
3333120	Commercial laundry, drycleaning, and pressing machines	
	United States ..... 2002 ..	543 354
	..... 1997 ..	574 333
	California ..... 2002 ..	11 677
	..... 1997 ..	N
	Florida ..... 2002 ..	107 609
	..... 1997 ..	N
	Illinois ..... 2002 ..	92 237
	..... 1997 ..	N
	New Jersey ..... 2002 ..	9 454
	..... 1997 ..	N
	Texas ..... 2002 ..	24 846
	..... 1997 ..	N
3333131	Automatic typing and word processing machines, including parts and attachments	
	United States ..... 2002 ..	D
	..... 1997 ..	D
3333137	Duplicating machines, except parts and attachments	
	United States ..... 2002 ..	D
	..... 1997 ..	129 535
333313A	Mailing, letter handling, and addressing machines, except parts and attachments	
	United States ..... 2002 ..	2 044 821
	..... 1997 ..	1 405 817
333313E	Other electric office machines, including electric pencil sharpeners and electric staplers	
	United States ..... 2002 ..	77 721
	..... 1997 ..	N
333313H	Other office machinery manufacturing	
	United States ..... 2002 ..	85 316
	..... 1997 ..	N
333313J	All other miscellaneous parts and attachments for office machines	
	United States ..... 2002 ..	166 326
	..... 1997 ..	527 617
3333141	Sighting, tracking, and fire-control equipment, optical-type	
	United States ..... 2002 ..	703 108
	..... 1997 ..	608 261
	California ..... 2002 ..	130 933
	..... 1997 ..	128 860
3333143	All other miscellaneous optical instruments and lenses	
	United States ..... 2002 ..	1 910 746
	..... 1997 ..	2 159 430
	California ..... 2002 ..	547 950
	..... 1997 ..	475 167
	Maryland ..... 2002 ..	13 234
	..... 1997 ..	2 281
	New Jersey ..... 2002 ..	106 806
	..... 1997 ..	68 890
	Vermont ..... 2002 ..	34 600
	..... 1997 ..	18 040
3333151	Still picture photographic equipment	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3333151	Still picture photographic equipment—Con.	
	United States .....	2002.. 668 028
	New Jersey .....	1997.. 1 004 183
	New York .....	2002.. 12 149
	New York .....	1997.. N
3333153	Photocopying equipment, including diffusion transfer, dye transfer, electrostatic, light and heat sensitive types, etc.	
	United States .....	2002.. 591 676
3333155	Microfilming, blueprinting, and whiteprinting equipment	
	United States .....	1997.. 140 190
3333157	Motion picture equipment	
	United States .....	2002.. 386 057
3333191	Commercial cooking and food-warming equipment	
	United States .....	1997.. D
3333193	Commercial and industrial vacuum cleaners, including parts and attachments	
	United States .....	2002.. 2 176 980
	California .....	1997.. 1 811 807
	California .....	2002.. 246 471
	Illinois .....	1997.. 230 978
	Illinois .....	2002.. 271 286
	Massachusetts .....	1997.. 329 635
	Massachusetts .....	2002.. 31 902
	Michigan .....	1997.. 22 289
	Michigan .....	2002.. 4 433
	Missouri .....	1997.. N
	Missouri .....	2002.. 37 658
	New York .....	1997.. 28 458
	New York .....	2002.. 42 939
	Ohio .....	1997.. 56 852
	Ohio .....	2002.. 245 075
	Texas .....	1997.. 182 372
	Texas .....	2002.. 53 513
	Washington .....	1997.. 33 563
Washington .....	2002.. 55 209	
Wisconsin .....	1997.. 54 229	
Wisconsin .....	2002.. 133 459	
Wisconsin .....	1997.. 95 050	
3333195	Automotive maintenance equipment, except handtools	
	United States .....	2002.. 613 888
	Illinois .....	1997.. 630 972
	Illinois .....	2002.. 22 703
	Michigan .....	1997.. N
	Michigan .....	2002.. 30 556
	Pennsylvania .....	1997.. N
	Pennsylvania .....	2002.. 15 720
	Texas .....	1997.. N
	Texas .....	2002.. 29 866
3333197	Electronic teaching machines, teaching aids, trainers, and simulators, including kits	
	United States .....	1997.. 1 197 865
	Florida .....	2002.. 779 213
	Florida .....	1997.. 413 636
	Massachusetts .....	1997.. 165 539
	Massachusetts .....	2002.. 11 281
	New York .....	1997.. 4 191
333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical	
	United States .....	2002.. 5 321 824
	Arkansas .....	1997.. N
	Arkansas .....	2002.. 250 861
	California .....	1997.. N
	California .....	2002.. 581 128
	Colorado .....	1997.. N
	Colorado .....	2002.. 184 372
	Connecticut .....	1997.. N
	Connecticut .....	2002.. 30 398
	Florida .....	1997.. N
	Florida .....	2002.. 161 652
	Illinois .....	1997.. N
	Illinois .....	2002.. 582 839
	Iowa .....	1997.. N
Iowa .....	2002.. 172 017	
Iowa .....	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical— Con.	
	Kansas ..... 2002..	54 645
	..... 1997..	N
	Kentucky ..... 2002..	68 190
	..... 1997..	N
	Maryland ..... 2002..	2 367
	..... 1997..	N
	Massachusetts ..... 2002..	92 313
	..... 1997..	N
	Michigan ..... 2002..	349 663
	..... 1997..	N
	Minnesota ..... 2002..	521 651
	..... 1997..	N
	Missouri ..... 2002..	44 514
	..... 1997..	N
	New Jersey ..... 2002..	105 412
	..... 1997..	N
	New York ..... 2002..	78 661
	..... 1997..	N
	North Carolina ..... 2002..	136 629
	..... 1997..	N
	Ohio ..... 2002..	222 225
	..... 1997..	N
	Oklahoma ..... 2002..	5 157
	..... 1997..	N
	Pennsylvania ..... 2002..	216 968
	..... 1997..	N
	Texas ..... 2002..	232 703
	..... 1997..	N
	Wisconsin ..... 2002..	411 284
	..... 1997..	N
3334111	Dust collection and other air purification equipment for industrial gas cleaning systems	
	United States ..... 2002..	636 450
	..... 1997..	711 872
	California ..... 2002..	17 670
	..... 1997..	N
	Illinois ..... 2002..	43 022
	..... 1997..	55 821
	North Carolina ..... 2002..	51 513
	..... 1997..	7 001
	Ohio ..... 2002..	24 678
	..... 1997..	35 296
	Texas ..... 2002..	36 219
	..... 1997..	N
	Wisconsin ..... 2002..	58 629
	..... 1997..	N
3334113	Dust collection and other air purification equipment for cleaning incoming air	
	United States ..... 2002..	1 340 018
	..... 1997..	1 296 305
	California ..... 2002..	87 366
	..... 1997..	99 326
	Florida ..... 2002..	64 175
	..... 1997..	48 711
	Illinois ..... 2002..	88 554
	..... 1997..	87 467
	Indiana ..... 2002..	89 175
	..... 1997..	75 615
	Minnesota ..... 2002..	14 771
	..... 1997..	12 273
	North Carolina ..... 2002..	174 050
	..... 1997..	162 030
	Ohio ..... 2002..	53 240
	..... 1997..	104 947
	Texas ..... 2002..	121 281
	..... 1997..	75 568
	Wisconsin ..... 2002..	49 420
	..... 1997..	45 149
3334120	Industrial and commercial fans and blowers	
	United States ..... 2002..	1 718 368
	..... 1997..	2 011 616
	Alabama ..... 2002..	34 384
	..... 1997..	N
	California ..... 2002..	57 956
	..... 1997..	N
	Colorado ..... 2002..	8 012
	..... 1997..	N
	Florida ..... 2002..	25 894
	..... 1997..	N
	Illinois ..... 2002..	149 866
	..... 1997..	N
	Indiana ..... 2002..	96 555
	..... 1997..	N
	Iowa ..... 2002..	6 144
	..... 1997..	N
	Kentucky ..... 2002..	107 833
	..... 1997..	N
	Massachusetts ..... 2002..	11 390
	..... 1997..	N
	Michigan ..... 2002..	87 794
	..... 1997..	N
	Minnesota ..... 2002..	41 718
	..... 1997..	N
	Missouri ..... 2002..	164 850
	..... 1997..	N
	North Carolina ..... 2002..	60 682
	..... 1997..	N

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3334120	Industrial and commercial fans and blowers—Con.		
	Ohio .....	2002 .. 176 497	
		1997 .. N	
	Pennsylvania .....	2002 .. 36 633	
		1997 .. N	
	Texas .....	2002 .. 58 576	
		1997 .. N	
3334141	Heating boilers, radiators, and convectors, cast iron, except parts		
	United States .....	2002 .. 689 301	
		1997 .. 391 786	
	New York .....	2002 .. 79 718	
		1997 .. N	
	3334143	Domestic heating stoves, except parts	
		United States .....	2002 .. 840 520
		1997 .. 556 449	
California .....		2002 .. 101 927	
		1997 .. 59 617	
3334145	Heating boilers, steam and hot water, steel, 15 p.s.i. or less, except parts		
	United States .....	2002 .. 246 438	
		1997 .. 219 582	
	Minnesota .....	2002 .. 12 169	
		1997 .. N	
3334147	Furnaces (floor and wall), heaters (unit and infrared), and mechanical stokers (including parts)		
	United States .....	2002 .. 459 732	
		1997 .. 526 335	
	California .....	2002 .. 31 199	
		1997 .. N	
	Illinois .....	2002 .. 31 420	
		1997 .. N	
	Indiana .....	2002 .. 52 913	
		1997 .. N	
	Michigan .....	2002 .. 36 193	
	1997 .. 70 109		
333414A	Heating equipment, other types (including parts for nonelectric heating equipment and oil burners)		
	United States .....	2002 .. 1 463 695	
		1997 .. N	
	California .....	2002 .. 124 484	
		1997 .. N	
	Illinois .....	2002 .. 58 584	
		1997 .. N	
	Indiana .....	2002 .. 61 859	
		1997 .. N	
	Massachusetts .....	2002 .. 44 959	
		1997 .. N	
	Minnesota .....	2002 .. 27 886	
		1997 .. N	
	North Carolina .....	2002 .. 54 394	
	1997 .. N		
3334152	Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems		
	United States .....	2002 .. 4 974 576	
		1997 .. N	
	Arkansas .....	2002 .. 336 228	
		1997 .. N	
	California .....	2002 .. 127 606	
		1997 .. N	
	Florida .....	2002 .. 112 945	
		1997 .. N	
	Georgia .....	2002 .. 386 568	
		1997 .. N	
Illinois .....	2002 .. 263 475		
	1997 .. N		
Indiana .....	2002 .. 31 996		
	1997 .. N		
Kansas .....	2002 .. 130 440		
	1997 .. N		
Massachusetts .....	2002 .. 102 305		
	1997 .. N		
Michigan .....	2002 .. 33 030		
	1997 .. N		

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3334152	Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems—Con.	
	Minnesota ..... 2002..	82 513
	..... 1997..	N
	Missouri ..... 2002..	248 097
	..... 1997..	N
	New York ..... 2002..	367 978
	..... 1997..	N
	Ohio ..... 2002..	61 233
	..... 1997..	N
	Oklahoma ..... 2002..	187 900
	..... 1997..	N
	Pennsylvania ..... 2002..	213 880
	..... 1997..	N
	Tennessee ..... 2002..	239 411
	..... 1997..	N
	Texas ..... 2002..	341 425
	..... 1997..	N
	Virginia ..... 2002..	311 243
	..... 1997..	N
3334153	Commercial refrigerators and related equipment	
	United States ..... 2002..	2 786 744
	..... 1997..	2 926 753
	California ..... 2002..	176 948
	..... 1997..	210 105
	Florida ..... 2002..	37 324
	..... 1997..	29 174
	Georgia ..... 2002..	137 798
	..... 1997..	N
	Illinois ..... 2002..	230 893
	..... 1997..	211 056
	Indiana ..... 2002..	12 998
	..... 1997..	64 298
	Iowa ..... 2002..	33 176
	..... 1997..	58 929
	Kentucky ..... 2002..	14 062
	..... 1997..	N
	Michigan ..... 2002..	129 412
	..... 1997..	148 344
	Minnesota ..... 2002..	26 790
	..... 1997..	122 167
	Mississippi ..... 2002..	81 010
	..... 1997..	78 977
	New Jersey ..... 2002..	35 760
	..... 1997..	55 829
	New York ..... 2002..	62 490
	..... 1997..	64 599
	Ohio ..... 2002..	174 638
	..... 1997..	171 367
	Pennsylvania ..... 2002..	113 136
	..... 1997..	85 233
	Tennessee ..... 2002..	154 658
	..... 1997..	136 178
	Texas ..... 2002..	226 448
	..... 1997..	234 032
	Wisconsin ..... 2002..	142 007
	..... 1997..	112 228
3334155	Refrigeration condensing units, all refrigerants, except ammonia (complete)	
	United States ..... 2002..	263 476
	..... 1997..	289 689
	Texas ..... 2002..	8 992
	..... 1997..	N
3334156	Room air-conditioners and dehumidifiers, except portable dehumidifiers	
	United States ..... 2002..	856 518
	..... 1997..	979 308
3334159	All other miscellaneous refrigeration and air-conditioning equipment	
	United States ..... 2002..	937 865
	..... 1997..	880 266
	Arizona ..... 2002..	75 307
	..... 1997..	89 900
	California ..... 2002..	84 275
	..... 1997..	78 896
	Florida ..... 2002..	6 259
	..... 1997..	N
	Ohio ..... 2002..	5 271
	..... 1997..	N
	Texas ..... 2002..	62 368
	..... 1997..	80 247
333415A	Compressors and compressor units, all refrigerants, except automotives	
	United States ..... 2002..	2 357 125
	..... 1997..	2 941 370
	Georgia ..... 2002..	118 974
	..... 1997..	74 726
	North Carolina ..... 2002..	310 753
	..... 1997..	364 821
	Texas ..... 2002..	38 338
	..... 1997..	39 673
	Wisconsin ..... 2002..	108 710
	..... 1997..	34 531

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
333415C	Warm air furnaces, including duct furnaces and humidifiers, and electric comfort heating	
	United States .....	2002.. 1 975 140
		1997.. 1 939 242
	Michigan .....	2002.. 35 010
		1997.. 34 188
	Pennsylvania .....	2002.. 28 794
	1997.. N	
	Tennessee .....	2002.. 87 177
		1997.. 194 473
333415D	Parts and accessories for air-conditioning and heat transfer equipment	
	United States .....	2002.. 1 529 828
		1997.. 1 986 124
	Arizona .....	2002.. 34 106
		1997.. 3 192
	California .....	2002.. 38 517
		1997.. 36 154
	Georgia .....	2002.. 12 232
		1997.. N
	Illinois .....	2002.. 56 850
		1997.. 59 664
	Indiana .....	2002.. 114 705
		1997.. N
	Kentucky .....	2002.. 12 523
		1997.. N
	Maryland .....	2002.. 30 275
		1997.. N
	Michigan .....	2002.. 35 070
		1997.. 37 025
	Minnesota .....	2002.. 43 750
		1997.. N
	Missouri .....	2002.. 109 438
		1997.. 129 535
	New York .....	2002.. 58 554
		1997.. 140 379
	North Carolina .....	2002.. 58 575
		1997.. N
Ohio .....	2002.. 77 878	
	1997.. 119 557	
Oklahoma .....	2002.. 22 049	
	1997.. N	
Pennsylvania .....	2002.. 22 965	
	1997.. 33 146	
Tennessee .....	2002.. 127 450	
	1997.. 229 917	
Texas .....	2002.. 169 695	
	1997.. 251 607	
Wisconsin .....	2002.. 186 802	
	1997.. 78 008	
333415E	Unitary air-conditioners, except air source heat pumps	
	United States .....	2002.. 5 486 374
		1997.. 4 364 840
	Florida .....	2002.. 101 351
		1997.. N
	Georgia .....	2002.. 270 282
		1997.. 289 553
	Minnesota .....	2002.. 166 863
		1997.. 166 050
	Ohio .....	2002.. 386 295
		1997.. 450 828
	Oklahoma .....	2002.. 358 593
		1997.. 331 658
Tennessee .....	2002.. 1 227 541	
	1997.. 1 324 453	
Texas .....	2002.. 1 079 759	
	1997.. 937 926	
Virginia .....	2002.. 131 577	
	1997.. N	
333415F	Air source heat pumps, except room air-conditioners	
	United States .....	2002.. 1 033 540
		1997.. 1 025 549
Texas .....	2002.. 436 139	
	1997.. 373 851	
333415G	Ground and ground water source heat pumps	
	United States .....	2002.. 126 830
	1997.. 88 501	
3335110	Industrial molds and mold boxes	
	United States .....	2002.. 5 732 650
		1997.. 5 715 142
	Alabama .....	2002.. 45 902
		1997.. N
	Arizona .....	2002.. 50 581
		1997.. N
	Arkansas .....	2002.. 13 168
		1997.. N
	California .....	2002.. 425 541
		1997.. N
	Colorado .....	2002.. 64 918
		1997.. N
	Connecticut .....	2002.. 76 325
		1997.. N
Florida .....	2002.. 96 179	
	1997.. N	
Georgia .....	2002.. 38 605	
	1997.. N	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3335110	Industrial molds and mold boxes—Con.	
	Idaho ..... 2002 ..	17 432
	..... 1997 ..	N
	Illinois ..... 2002 ..	452 232
	..... 1997 ..	N
	Indiana ..... 2002 ..	280 153
	..... 1997 ..	N
	Iowa ..... 2002 ..	54 639
	..... 1997 ..	N
	Kansas ..... 2002 ..	12 500
	..... 1997 ..	N
	Kentucky ..... 2002 ..	137 069
	..... 1997 ..	N
	Louisiana ..... 2002 ..	2 126
	..... 1997 ..	N
	Maine ..... 2002 ..	3 073
	..... 1997 ..	N
	Maryland ..... 2002 ..	13 419
	..... 1997 ..	N
	Massachusetts ..... 2002 ..	221 793
	..... 1997 ..	N
	Michigan ..... 2002 ..	1 007 255
	..... 1997 ..	N
	Minnesota ..... 2002 ..	174 418
	..... 1997 ..	N
	Mississippi ..... 2002 ..	7 585
	..... 1997 ..	N
	Missouri ..... 2002 ..	145 408
	..... 1997 ..	N
	Nebraska ..... 2002 ..	14 743
	..... 1997 ..	N
	Nevada ..... 2002 ..	2 294
	..... 1997 ..	N
	New Hampshire ..... 2002 ..	19 191
	..... 1997 ..	N
	New Jersey ..... 2002 ..	132 248
	..... 1997 ..	N
	New York ..... 2002 ..	150 863
	..... 1997 ..	N
	North Carolina ..... 2002 ..	106 133
	..... 1997 ..	N
	Ohio ..... 2002 ..	584 986
	..... 1997 ..	N
	Oklahoma ..... 2002 ..	77 034
	..... 1997 ..	N
	Oregon ..... 2002 ..	33 107
	..... 1997 ..	N
	Pennsylvania ..... 2002 ..	388 217
	..... 1997 ..	N
	Rhode Island ..... 2002 ..	16 868
	..... 1997 ..	N
	South Carolina ..... 2002 ..	67 357
	..... 1997 ..	N
	South Dakota ..... 2002 ..	3 817
	..... 1997 ..	N
	Tennessee ..... 2002 ..	126 262
	..... 1997 ..	N
	Texas ..... 2002 ..	245 732
	..... 1997 ..	N
	Utah ..... 2002 ..	8 931
	..... 1997 ..	N
	Vermont ..... 2002 ..	6 989
	..... 1997 ..	N
	Virginia ..... 2002 ..	40 876
	..... 1997 ..	N
	Washington ..... 2002 ..	34 957
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	328 365
	..... 1997 ..	N
3335121	Metal gear cutting machines	
	United States ..... 2002 ..	80 556
	..... 1997 ..	181 261
	Michigan ..... 2002 ..	10 252
	..... 1997 ..	N
3335122	Metal grinding, polishing, buffing, honing, and lapping machines, except gear-tooth grinding, lapping, polishing, and buffing machines	
	United States ..... 2002 ..	299 044
	..... 1997 ..	596 877
	Illinois ..... 2002 ..	5 032
	..... 1997 ..	31 384
	Indiana ..... 2002 ..	3 081
	..... 1997 ..	4 878
	Michigan ..... 2002 ..	92 054
	..... 1997 ..	130 869
	Minnesota ..... 2002 ..	7 702
	..... 1997 ..	14 864
	New York ..... 2002 ..	5 607
	..... 1997 ..	N
	Ohio ..... 2002 ..	12 760
	..... 1997 ..	84 126
	Pennsylvania ..... 2002 ..	59 183
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	5 037
	..... 1997 ..	12 652
3335123	Metal lathes (turning machines) numerically and nonnumerically controlled	
	United States ..... 2002 ..	192 946
	..... 1997 ..	489 775

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3335123	Metal lathes (turning machines) numerically and nonnumerically controlled—Con.	
	Michigan..... 2002..	15 061
	..... 1997..	133 403
3335124	Metal milling machines (excluding machining centers)	
	United States..... 2002..	51 269
	..... 1997..	350 026
	Michigan..... 2002..	3 625
	..... 1997..	13 095
	Ohio..... 2002..	17 513
	..... 1997..	N
3335125	Machine tools for home workshops, laboratories, garages, etc. (metalworking and primarily metalworking only)	
	United States..... 2002..	28 009
	..... 1997..	54 937
	California..... 2002..	4 172
	..... 1997..	N
	Michigan..... 2002..	7 702
	..... 1997..	3 973
	Ohio..... 2002..	2 618
	..... 1997..	13 313
3335126	Parts for metal cutting-type machine tools (sold separately), including rebuilt and remanufactured metal cutting machine tools	
	United States..... 2002..	550 915
	..... 1997..	714 118
	California..... 2002..	64 603
	..... 1997..	N
	Connecticut..... 2002..	6 161
	..... 1997..	21 217
	Illinois..... 2002..	15 140
	..... 1997..	93 343
	Indiana..... 2002..	11 017
	..... 1997..	12 326
	Kansas..... 2002..	9 208
	..... 1997..	N
	Massachusetts..... 2002..	5 499
	..... 1997..	21 569
	Michigan..... 2002..	126 337
	..... 1997..	136 398
	New York..... 2002..	65 132
	..... 1997..	63 616
	Ohio..... 2002..	84 819
	..... 1997..	205 803
	Pennsylvania..... 2002..	18 501
	..... 1997..	21 638
	Virginia..... 2002..	9 048
	..... 1997..	N
	Wisconsin..... 2002..	44 348
	..... 1997..	56 697
3335127	Metal machining centers (multifunction numerically controlled machines)	
	United States..... 2002..	387 065
	..... 1997..	932 619
	Massachusetts..... 2002..	5 068
	..... 1997..	N
	Michigan..... 2002..	31 906
	..... 1997..	35 930
3335128	Metal station type machines	
	United States..... 2002..	154 398
	..... 1997..	543 289
	Michigan..... 2002..	114 313
	..... 1997..	398 376
3335129	Other metal cutting machine tools (except those designed primarily for home workshops, laboratories, garages, etc.)	
	United States..... 2002..	455 966
	..... 1997..	450 333
	California..... 2002..	18 460
	..... 1997..	30 017
	Illinois..... 2002..	35 396
	..... 1997..	43 560
	Michigan..... 2002..	90 277
	..... 1997..	95 050
	Minnesota..... 2002..	33 365
	..... 1997..	N
	Ohio..... 2002..	34 342
	..... 1997..	62 739
	Virginia..... 2002..	5 215
	..... 1997..	N
	Wisconsin..... 2002..	25 529
	..... 1997..	41 843
333512A	Metal boring machines and drilling machines (excluding machining centers)	
	United States..... 2002..	142 487
	..... 1997..	238 185
	Illinois..... 2002..	39 474
	..... 1997..	22 945
	Michigan..... 2002..	4 122
	..... 1997..	67 677
	Ohio..... 2002..	3 545
	..... 1997..	11 307
	Wisconsin..... 2002..	26 906
	..... 1997..	27 867

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3335131	Metal punching and shearing machines (including power and manual) and bending and forming machines (power only)		
	United States .....	2002.. 363 536 1997.. 601 050	
	Illinois .....	2002.. 30 484 1997.. 119 080	
	Michigan .....	2002.. 57 789 1997.. 76 036	
	Ohio .....	2002.. 36 960 1997.. 76 126	
	3335133	Metalworking presses (except forging and die-stamping presses)	
3335135	United States .....	2002.. 183 333 1997.. 431 087	
	Michigan .....	2002.. 16 064 1997.. 34 986	
	Ohio .....	2002.. 78 258 1997.. 128 116	
	Pennsylvania .....	2002.. 22 062 1997.. 25 417	
	3335135	Other metal forming machine tools, including forging and die-stamping machines (except metalworking presses)	
3335137	United States .....	2002.. 240 884 1997.. 590 966	
	California .....	2002.. 15 148 1997.. 24 701	
	Connecticut .....	2002.. 15 003 1997.. N	
	Indiana .....	2002.. 4 230 1997.. 8 857	
	Massachusetts .....	2002.. 7 962 1997.. 12 923	
	Michigan .....	2002.. 35 354 1997.. 154 008	
	Ohio .....	2002.. 32 953 1997.. 141 789	
	Pennsylvania .....	2002.. 18 231 1997.. 27 582	
	Wisconsin .....	2002.. 9 933 1997.. 17 825	
	3335137	Parts for metal forming machine tools (sold separately), including rebuilt and remanufactured metal forming machine tools	
	3335140	United States .....	2002.. 242 298 1997.. 488 719
		California .....	2002.. 4 232 1997.. N
		Illinois .....	2002.. 19 326 1997.. 61 998
		Indiana .....	2002.. 12 396 1997.. 8 457
Michigan .....		2002.. 48 773 1997.. 86 303	
New York .....		2002.. 10 225 1997.. N	
Ohio .....		2002.. 74 961 1997.. 233 695	
Pennsylvania .....		2002.. 16 494 1997.. 14 807	
Wisconsin .....		2002.. 3 374 1997.. N	
3335140		Special dies, tools, jigs, and fixtures	
3335140		United States .....	2002.. 7 592 897 1997.. 8 777 134
		Alabama .....	2002.. 66 206 1997.. N
		Arizona .....	2002.. 26 394 1997.. N
		Arkansas .....	2002.. 23 223 1997.. N
	California .....	2002.. 317 071 1997.. N	
	Colorado .....	2002.. 20 014 1997.. N	
	Connecticut .....	2002.. 129 723 1997.. N	
	Florida .....	2002.. 63 101 1997.. N	
	Georgia .....	2002.. 56 450 1997.. N	
	Idaho .....	2002.. 2 237 1997.. N	
	Illinois .....	2002.. 503 521 1997.. N	
	Indiana .....	2002.. 348 412 1997.. N	
	Iowa .....	2002.. 76 047 1997.. N	
	Kansas .....	2002.. 17 241 1997.. N	
	Kentucky .....	2002.. 115 235 1997.. N	
	Louisiana .....	2002.. 2 827 1997.. N	
	Maryland .....	2002.. 31 700 1997.. N	
	Massachusetts .....	2002.. 62 576 1997.. N	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3335140	Special dies, tools, jigs, and fixtures—Con.	
	Michigan .....	2 530 593
	1997 ..	N
	Minnesota .....	228 219
	1997 ..	N
	Mississippi .....	20 620
	1997 ..	N
	Missouri .....	150 886
	1997 ..	N
	Nebraska .....	27 160
	1997 ..	N
	Nevada .....	3 076
	1997 ..	N
	New Hampshire .....	12 473
	1997 ..	N
	New Jersey .....	65 647
	1997 ..	N
	New Mexico .....	7 473
	1997 ..	N
	New York .....	200 774
	1997 ..	N
	North Carolina .....	54 671
	1997 ..	N
	Ohio .....	915 157
	1997 ..	N
	Oklahoma .....	5 835
	1997 ..	N
	Oregon .....	16 730
	1997 ..	N
	Pennsylvania .....	425 810
	1997 ..	N
Rhode Island .....	26 244	
1997 ..	N	
South Carolina .....	144 695	
1997 ..	N	
South Dakota .....	5 884	
1997 ..	N	
Tennessee .....	145 551	
1997 ..	N	
Texas .....	83 185	
1997 ..	N	
Utah .....	5 540	
1997 ..	N	
Vermont .....	179 513	
1997 ..	N	
Virginia .....	47 033	
1997 ..	N	
Washington .....	23 086	
1997 ..	N	
Wisconsin .....	356 681	
1997 ..	N	
3335151	Small cutting tools for machine tools and metalworking machinery	
	United States .....	2 877 384
	1997 ..	3 253 414
	California .....	202 932
	1997 ..	155 808
	Connecticut .....	43 277
	1997 ..	65 502
	Florida .....	71 311
	1997 ..	30 729
	Illinois .....	308 679
	1997 ..	415 276
	Indiana .....	38 008
	1997 ..	61 977
	Iowa .....	22 515
	1997 ..	26 596
	Massachusetts .....	91 445
	1997 ..	81 510
	Michigan .....	517 859
	1997 ..	506 710
	Missouri .....	25 920
	1997 ..	28 355
	New York .....	40 947
	1997 ..	63 613
	North Carolina .....	37 508
	1997 ..	83 601
	Ohio .....	264 784
	1997 ..	454 973
Oklahoma .....	3 819	
1997 ..	N	
Pennsylvania .....	168 335	
1997 ..	260 024	
South Carolina .....	115 581	
1997 ..	227 090	
Tennessee .....	132 735	
1997 ..	95 285	
Texas .....	144 487	
1997 ..	56 268	
Wisconsin .....	133 739	
1997 ..	155 868	
3335153	Other attachments and accessories for machine tools and metalworking machinery	
	United States .....	1 003 773
	1997 ..	1 085 230
	California .....	35 494
	1997 ..	24 369
	Connecticut .....	24 144
	1997 ..	29 657
Florida .....	2 953	
1997 ..	2 615	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3335153	Other attachments and accessories for machine tools and metalworking machinery—Con.	
	Illinois ..... 2002 ..	40 492
	..... 1997 ..	84 885
	Indiana ..... 2002 ..	18 699
	..... 1997 ..	21 407
	Iowa ..... 2002 ..	10 416
	..... 1997 ..	N
	Massachusetts ..... 2002 ..	13 010
	..... 1997 ..	40 496
	Michigan ..... 2002 ..	175 270
	..... 1997 ..	263 145
	Missouri ..... 2002 ..	83 189
	..... 1997 ..	N
	New York ..... 2002 ..	75 644
	..... 1997 ..	87 092
	North Carolina ..... 2002 ..	54 016
	..... 1997 ..	33 999
	Ohio ..... 2002 ..	96 419
	..... 1997 ..	125 653
	Pennsylvania ..... 2002 ..	55 295
	..... 1997 ..	43 759
	South Carolina ..... 2002 ..	53 190
	..... 1997 ..	N
	Tennessee ..... 2002 ..	10 733
	..... 1997 ..	10 824
	Texas ..... 2002 ..	9 770
	..... 1997 ..	53 438
	Wisconsin ..... 2002 ..	100 995
	..... 1997 ..	24 558
3335161	Hot rolling mill machinery (including combination hot and cold) (except tube rolling)	
	United States ..... 2002 ..	127 880
	..... 1997 ..	181 403
3335163	Cold rolling mill machinery	
	United States ..... 2002 ..	67 462
	..... 1997 ..	95 007
	Michigan ..... 2002 ..	8 310
	..... 1997 ..	N
3335165	Other rolling mill machinery (including tube mill machinery) and parts for all rolling mill machinery	
	United States ..... 2002 ..	263 965
	..... 1997 ..	348 676
	Illinois ..... 2002 ..	18 315
	..... 1997 ..	16 186
	Ohio ..... 2002 ..	68 499
	..... 1997 ..	151 135
3335181	Assembly machines	
	United States ..... 2002 ..	1 849 015
	..... 1997 ..	2 010 605
	California ..... 2002 ..	10 544
	..... 1997 ..	23 162
	Connecticut ..... 2002 ..	34 373
	..... 1997 ..	47 387
	Illinois ..... 2002 ..	288 147
	..... 1997 ..	248 745
	Indiana ..... 2002 ..	58 572
	..... 1997 ..	81 452
	Michigan ..... 2002 ..	865 075
	..... 1997 ..	834 747
	New York ..... 2002 ..	97 515
	..... 1997 ..	108 545
	Ohio ..... 2002 ..	121 792
	..... 1997 ..	118 528
	Texas ..... 2002 ..	8 349
	..... 1997 ..	8 899
3335183	Other metalworking machinery (except handheld and ultrasonic)	
	United States ..... 2002 ..	656 518
	..... 1997 ..	868 597
	California ..... 2002 ..	22 811
	..... 1997 ..	20 395
	Connecticut ..... 2002 ..	19 651
	..... 1997 ..	45 056
	Illinois ..... 2002 ..	44 476
	..... 1997 ..	77 940
	Indiana ..... 2002 ..	38 784
	..... 1997 ..	47 742
	Michigan ..... 2002 ..	152 384
	..... 1997 ..	97 569
	New York ..... 2002 ..	12 305
	..... 1997 ..	53 322
	Ohio ..... 2002 ..	70 051
	..... 1997 ..	128 979
	Texas ..... 2002 ..	42 975
	..... 1997 ..	32 063
3336110	Turbines, turbine generators, and turbine generator sets (including parts)	
	United States ..... 2002 ..	13 276 992
	..... 1997 ..	6 594 972
	Connecticut ..... 2002 ..	104 555
	..... 1997 ..	N
	Massachusetts ..... 2002 ..	78 062
	..... 1997 ..	N
	New York ..... 2002 ..	1 929 622
	..... 1997 ..	N

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3336110	Turbines, turbine generators, and turbine generator sets (including parts)—Con.	
	Pennsylvania .....	2002 .. 163 257
	.....	1997 .. N
	Texas .....	2002 .. 191 371
.....	1997 .. N	
3336123	Gears	
	United States .....	2002 .. 615 241
	.....	1997 .. 688 065
	California .....	2002 .. 2 802
	.....	1997 .. 9 269
	Illinois .....	2002 .. 194 079
	.....	1997 .. 144 053
	Indiana .....	2002 .. 70 843
	.....	1997 .. N
	Massachusetts .....	2002 .. 9 366
	.....	1997 .. 11 413
	Michigan .....	2002 .. 40 360
	.....	1997 .. 53 976
	Minnesota .....	2002 .. 13 851
	.....	1997 .. 26 231
	Missouri .....	2002 .. 8 981
	.....	1997 .. 8 942
	New Jersey .....	2002 .. 10 884
	.....	1997 .. 17 151
	New York .....	2002 .. 39 780
	.....	1997 .. 39 772
Ohio .....	2002 .. 43 730	
.....	1997 .. 80 742	
Pennsylvania .....	2002 .. 24 503	
.....	1997 .. 32 148	
Texas .....	2002 .. 14 796	
.....	1997 .. N	
Wisconsin .....	2002 .. 46 584	
.....	1997 .. 59 818	
3336127	Speed changers and industrial high-speed drives	
	United States .....	2002 .. 1 243 241
	.....	1997 .. 1 544 834
	California .....	2002 .. 31 539
	.....	1997 .. 25 769
	Illinois .....	2002 .. 92 767
	.....	1997 .. 126 791
	Indiana .....	2002 .. 122 090
	.....	1997 .. 158 035
	Massachusetts .....	2002 .. 11 564
	.....	1997 .. N
	Michigan .....	2002 .. 54 709
	.....	1997 .. 62 086
	Minnesota .....	2002 .. 40 446
	.....	1997 .. 39 034
	Missouri .....	2002 .. 97 652
	.....	1997 .. 89 997
	New Jersey .....	2002 .. 31 329
	.....	1997 .. 31 905
	New York .....	2002 .. 34 920
	.....	1997 .. N
Ohio .....	2002 .. 63 919	
.....	1997 .. 67 632	
Pennsylvania .....	2002 .. 15 229	
.....	1997 .. 68 863	
Texas .....	2002 .. 87 238	
.....	1997 .. 106 909	
Wisconsin .....	2002 .. 164 658	
.....	1997 .. 236 338	
3336131	Plain bearings and bushings	
	United States .....	2002 .. 484 529
	.....	1997 .. 422 123
	California .....	2002 .. 47 217
	.....	1997 .. 64 573
	Illinois .....	2002 .. 35 993
	.....	1997 .. 49 648
	Indiana .....	2002 .. 12 737
	.....	1997 .. 25 718
	New York .....	2002 .. 2 113
	.....	1997 .. N
	North Carolina .....	2002 .. 7 317
	.....	1997 .. 26 051
	Pennsylvania .....	2002 .. 11 511
.....	1997 .. 16 944	
Texas .....	2002 .. 3 847	
.....	1997 .. N	
Wisconsin .....	2002 .. 45 700	
.....	1997 .. 30 828	
3336133	Mechanical power transmission equipment, except speed changers, drives, and gears	
	United States .....	2002 .. 2 119 434
	.....	1997 .. 2 480 907
	California .....	2002 .. 27 674
	.....	1997 .. 27 203
	Illinois .....	2002 .. 273 912
	.....	1997 .. 312 634
	Indiana .....	2002 .. 82 759
	.....	1997 .. 177 201
	New York .....	2002 .. 107 150
.....	1997 .. 125 892	
North Carolina .....	2002 .. 162 243	
.....	1997 .. 180 304	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3336133	Mechanical power transmission equipment, except speed changers, drives, and gears—Con.	
	Oregon ..... 2002..	9 156
	..... 1997..	13 652
	Pennsylvania ..... 2002..	104 953
	..... 1997..	117 052
	Texas ..... 2002..	112 122
	..... 1997..	119 755
	Wisconsin ..... 2002..	347 332
	..... 1997..	369 440
3336181	Gasoline and gas-gasoline engines (except aircraft, automobile, highway truck, bus, tank, and outboard marine)	
	United States ..... 2002..	2 575 274
	..... 1997..	2 438 511
	Wisconsin ..... 2002..	517 962
	..... 1997..	1 130 980
3336183	Diesel, semidiesel, and dual-fuel engines (except automobile, highway truck, bus, and tank)	
	United States ..... 2002..	2 491 594
	..... 1997..	3 251 257
3336185	Diesel, semidiesel, and dual-fuel engines for automobiles, highway trucks, and buses	
	United States ..... 2002..	5 915 792
	..... 1997..	6 401 731
3336189	Piston-type natural gas engines, including LPG (liquified petroleum gas) engines (excluding gas turbines)	
	United States ..... 2002..	283 130
	..... 1997..	431 767
333618B	All other miscellaneous engine equipment	
	United States ..... 2002..	1 030 658
	..... 1997..	N
333618F	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines	
	United States ..... 2002..	5 876 981
	..... 1997..	4 311 222
	Alabama ..... 2002..	13 545
	..... 1997..	N
	California ..... 2002..	60 815
	..... 1997..	297 141
	Connecticut ..... 2002..	267 722
	..... 1997..	N
	Florida ..... 2002..	12 505
	..... 1997..	N
	Georgia ..... 2002..	171 333
	..... 1997..	91 039
	Indiana ..... 2002..	824 772
	..... 1997..	302 768
	Missouri ..... 2002..	49 838
	..... 1997..	N
	Nevada ..... 2002..	20 142
	..... 1997..	8 100
	Ohio ..... 2002..	65 295
	..... 1997..	222 360
	Wisconsin ..... 2002..	327 205
	..... 1997..	392 374
3339111	Pump and pumping equipment	
	United States ..... 2002..	5 034 104
	..... 1997..	4 650 241
	California ..... 2002..	528 252
	..... 1997..	489 161
	Connecticut ..... 2002..	4 855
	..... 1997..	N
	Florida ..... 2002..	85 849
	..... 1997..	61 937
	Illinois ..... 2002..	326 525
	..... 1997..	300 954
	Indiana ..... 2002..	96 032
	..... 1997..	N
	Iowa ..... 2002..	86 753
	..... 1997..	94 653
	Louisiana ..... 2002..	48 691
	..... 1997..	16 376
	Michigan ..... 2002..	68 150
	..... 1997..	93 710
	Nebraska ..... 2002..	54 246
	..... 1997..	38 049
	New York ..... 2002..	332 075
	..... 1997..	344 630
	Ohio ..... 2002..	581 827
	..... 1997..	538 900
	Oklahoma ..... 2002..	535 476
	..... 1997..	438 086
	Pennsylvania ..... 2002..	128 940
	..... 1997..	185 717
	Texas ..... 2002..	473 343
	..... 1997..	351 846
	Wisconsin ..... 2002..	363 625
	..... 1997..	214 584

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3339115	Parts and attachments for pumps and pumping equipment (except hydraulic fluid power, and air and gas compressors), including locomotive and packaged pumps	
	United States .....	2002.. 1 054 291
		1997.. 1 153 674
	California .....	2002.. 96 047
		1997.. 118 297
	Florida .....	2002.. 9 311
		1997.. 2 194
	Illinois .....	2002.. 59 753
		1997.. 73 749
	Indiana .....	2002.. 6 072
		1997.. N
	Louisiana .....	2002.. 7 850
		1997.. 20 585
	Michigan .....	2002.. 94 972
		1997.. 79 823
	New York .....	2002.. 140 926
		1997.. 131 566
	Ohio .....	2002.. 28 704
		1997.. 126 567
Oklahoma .....	2002.. 83 763	
	1997.. 78 917	
Pennsylvania .....	2002.. 63 813	
	1997.. 36 738	
Texas .....	2002.. 65 469	
	1997.. 50 524	
Wisconsin .....	2002.. 41 104	
	1997.. N	
3339121	Air and gas compressors and vacuum pumps	
	United States .....	2002.. 2 621 884
		1997.. 2 931 851
	California .....	2002.. 21 554
		1997.. 93 371
	Illinois .....	2002.. 106 150
		1997.. 120 581
	Indiana .....	2002.. 132 518
		1997.. 185 294
	Michigan .....	2002.. 18 307
		1997.. 46 190
	New Jersey .....	2002.. 25 659
		1997.. N
	New York .....	2002.. 375 484
		1997.. 484 571
	Ohio .....	2002.. 225 815
		1997.. 244 510
	Oklahoma .....	2002.. 178 102
		1997.. 84 786
Pennsylvania .....	2002.. 220 174	
	1997.. 188 562	
Texas .....	2002.. 125 554	
	1997.. 141 952	
3339125	Parts and attachments for air and gas compressors (except refrigeration, ice making, and air-conditioning equipment), including packaged compressors	
	United States .....	2002.. 592 670
		1997.. 713 789
	California .....	2002.. 13 398
		1997.. 13 042
	Illinois .....	2002.. 35 356
		1997.. 30 880
	Kentucky .....	2002.. 15 371
		1997.. N
	Michigan .....	2002.. 3 713
		1997.. 8 948
	Ohio .....	2002.. 54 063
		1997.. 62 348
Oklahoma .....	2002.. 15 494	
	1997.. 16 116	
Texas .....	2002.. 61 404	
	1997.. 29 095	
3339127	Industrial spraying equipment	
	United States .....	2002.. 845 631
		1997.. 821 533
	California .....	2002.. 24 733
		1997.. 34 722
	Illinois .....	2002.. 135 964
		1997.. 208 254
	Michigan .....	2002.. 138 121
		1997.. N
	Ohio .....	2002.. 17 387
		1997.. 15 326
Oregon .....	2002.. 9 189	
	1997.. N	
South Dakota .....	2002.. 60 589	
	1997.. N	
3339130	Measuring and dispensing pumps	
	United States .....	2002.. 867 814
	1997.. 1 161 809	
3339211	Elevators and moving stairways	
	United States .....	2002.. 1 494 911
		1997.. 1 139 976
	California .....	2002.. 14 014
		1997.. 11 270
Illinois .....	2002.. 93 240	
	1997.. 98 809	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3339211	Elevators and moving stairways—Con.	
	New York .....	2002 .. 18 196
	Texas .....	1997 .. N
3339213	Parts and attachments for elevators and moving stairways (sold separately)	
	United States .....	2002 .. 319 591
	California .....	1997 .. 317 689
	Illinois .....	2002 .. 12 189
	Iowa .....	1997 .. N
	New York .....	2002 .. 29 683
	Texas .....	1997 .. 31 056
3339221	Unit handling conveyors and conveying systems, except hoists and farm elevators	
	United States .....	2002 .. 2 170 057
	Alabama .....	1997 .. 2 983 679
	Arkansas .....	2002 .. 33 484
	California .....	1997 .. 22 484
	Georgia .....	2002 .. 105 945
	Indiana .....	1997 .. 112 908
	Kentucky .....	2002 .. 78 171
	Michigan .....	1997 .. 96 257
	Missouri .....	2002 .. 20 996
	New Jersey .....	1997 .. 30 405
	North Carolina .....	2002 .. 28 430
	Ohio .....	1997 .. 45 049
	Pennsylvania .....	2002 .. 138 055
	Tennessee .....	1997 .. 225 810
	Texas .....	2002 .. 580 677
	Virginia .....	1997 .. 854 080
	Washington .....	2002 .. 93 962
	Wisconsin .....	1997 .. 61 215
	Wisconsin .....	2002 .. 70 492
	Wisconsin .....	1997 .. 68 785
	Wisconsin .....	2002 .. 42 456
	Wisconsin .....	1997 .. 48 745
	Wisconsin .....	2002 .. 219 755
	Wisconsin .....	1997 .. 177 002
	Wisconsin .....	2002 .. 31 099
	Wisconsin .....	1997 .. 76 445
	Wisconsin .....	2002 .. 158 188
Wisconsin .....	1997 .. 216 102	
Wisconsin .....	2002 .. 42 156	
Wisconsin .....	1997 .. 99 117	
Wisconsin .....	2002 .. 79 987	
Wisconsin .....	1997 .. 112 516	
Wisconsin .....	2002 .. 13 155	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 81 682	
Wisconsin .....	1997 .. 95 172	
3339223	Parts, attachments, and accessories for unit handling conveyors and conveying systems (sold separately)	
	United States .....	2002 .. 229 482
	Kentucky .....	1997 .. 246 370
	Michigan .....	2002 .. 9 009
	Ohio .....	1997 .. 30 083
	Tennessee .....	2002 .. 44 686
	Wisconsin .....	1997 .. 76 485
3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators	
	United States .....	2002 .. 1 613 963
	Alabama .....	1997 .. N
	Arkansas .....	2002 .. 85 640
	California .....	1997 .. N
	Idaho .....	2002 .. 28 586
	Illinois .....	1997 .. N
	Indiana .....	2002 .. 42 141
	Iowa .....	1997 .. N
	Kansas .....	2002 .. 5 279
	Kentucky .....	1997 .. N
	Michigan .....	2002 .. 78 151
	Minnesota .....	1997 .. N
	Nebraska .....	2002 .. 71 008
	Nebraska .....	1997 .. N
	Nebraska .....	2002 .. 44 351
	Nebraska .....	1997 .. N
Nebraska .....	2002 .. 61 609	
Nebraska .....	1997 .. N	
Nebraska .....	2002 .. 64 491	
Nebraska .....	1997 .. N	
Nebraska .....	2002 .. 212 223	
Nebraska .....	1997 .. N	
Nebraska .....	2002 .. 62 620	
Nebraska .....	1997 .. N	
Nebraska .....	2002 .. 29 647	
Nebraska .....	1997 .. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators—Con.	
	New Jersey ..... 2002 ..	39 807
	..... 1997 ..	N
	New York ..... 2002 ..	34 658
	..... 1997 ..	N
	North Carolina ..... 2002 ..	13 573
	..... 1997 ..	N
	North Dakota ..... 2002 ..	3 596
	..... 1997 ..	N
	Ohio ..... 2002 ..	98 931
	..... 1997 ..	N
	Oregon ..... 2002 ..	38 752
	..... 1997 ..	N
	Pennsylvania ..... 2002 ..	106 725
	..... 1997 ..	N
	Tennessee ..... 2002 ..	17 268
	..... 1997 ..	N
	Texas ..... 2002 ..	117 949
	..... 1997 ..	N
	Virginia ..... 2002 ..	15 940
	..... 1997 ..	N
	Washington ..... 2002 ..	46 329
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	76 754
	..... 1997 ..	N
3339229	Parts, attachments, and accessories for bulk material handling conveyors and conveying systems (sold separately)	
	United States ..... 2002 ..	571 327
	..... 1997 ..	474 250
	Colorado ..... 2002 ..	14 467
	..... 1997 ..	N
	Illinois ..... 2002 ..	96 701
	..... 1997 ..	61 146
	Iowa ..... 2002 ..	70 156
	..... 1997 ..	75 417
	Kentucky ..... 2002 ..	10 985
	..... 1997 ..	34 363
	Michigan ..... 2002 ..	28 136
	..... 1997 ..	13 063
	Minnesota ..... 2002 ..	16 157
	..... 1997 ..	8 179
	North Carolina ..... 2002 ..	9 527
	..... 1997 ..	3 818
	Ohio ..... 2002 ..	29 845
	..... 1997 ..	23 517
	South Dakota ..... 2002 ..	2 236
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	23 182
	..... 1997 ..	39 025
3339231	Hoists	
	United States ..... 2002 ..	455 161
	..... 1997 ..	552 502
	Florida ..... 2002 ..	14 505
	..... 1997 ..	7 492
	Illinois ..... 2002 ..	3 064
	..... 1997 ..	6 655
	Michigan ..... 2002 ..	63 640
	..... 1997 ..	76 999
	Minnesota ..... 2002 ..	6 985
	..... 1997 ..	10 508
	North Carolina ..... 2002 ..	74 244
	..... 1997 ..	53 578
	Texas ..... 2002 ..	15 703
	..... 1997 ..	16 057
	Wisconsin ..... 2002 ..	2 244
	..... 1997 ..	26 686
3339233	Overhead traveling cranes and monorail systems	
	United States ..... 2002 ..	443 862
	..... 1997 ..	559 834
	California ..... 2002 ..	29 080
	..... 1997 ..	20 660
	Illinois ..... 2002 ..	27 227
	..... 1997 ..	29 528
	Michigan ..... 2002 ..	46 029
	..... 1997 ..	44 688
	Minnesota ..... 2002 ..	16 804
	..... 1997 ..	N
	Texas ..... 2002 ..	53 039
	..... 1997 ..	45 708
	Wisconsin ..... 2002 ..	27 972
	..... 1997 ..	111 224
3339237	Winches, aerial work platforms, and automotive wrecker hoists	
	United States ..... 2002 ..	2 047 903
	..... 1997 ..	1 949 579
	Illinois ..... 2002 ..	10 740
	..... 1997 ..	N
	Indiana ..... 2002 ..	26 982
	..... 1997 ..	49 175
	Iowa ..... 2002 ..	36 154
	..... 1997 ..	N
	Louisiana ..... 2002 ..	14 050
	..... 1997 ..	N
	Michigan ..... 2002 ..	3 725
	..... 1997 ..	N
	Minnesota ..... 2002 ..	27 663
	..... 1997 ..	29 665

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3339237	Winches, aerial work platforms, and automotive wrecker hoists—Con.	
	Oklahoma ..... 2002..	105 949
	..... 1997..	102 060
	Texas ..... 2002..	74 900
	..... 1997..	N
	Wisconsin ..... 2002..	37 985
	..... 1997..	53 023
3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines	
	United States ..... 2002..	3 965 772
	..... 1997..	N
	California ..... 2002..	140 311
	..... 1997..	N
	Illinois ..... 2002..	227 999
	..... 1997..	N
	Indiana ..... 2002..	420 775
	..... 1997..	N
	Kansas ..... 2002..	45 014
	..... 1997..	N
	Michigan ..... 2002..	62 043
	..... 1997..	N
	Missouri ..... 2002..	110 655
	..... 1997..	N
	Ohio ..... 2002..	432 839
	..... 1997..	N
	Pennsylvania ..... 2002..	46 125
	..... 1997..	N
	Tennessee ..... 2002..	23 091
	..... 1997..	N
	Texas ..... 2002..	923 827
	..... 1997..	N
	Wisconsin ..... 2002..	90 391
	..... 1997..	N
3339243	Parts and attachments for industrial trucks and tractors (sold separately)	
	United States ..... 2002..	1 001 330
	..... 1997..	989 542
	California ..... 2002..	17 300
	..... 1997..	N
	Florida ..... 2002..	13 450
	..... 1997..	N
	Illinois ..... 2002..	51 161
	..... 1997..	12 301
	Indiana ..... 2002..	78 594
	..... 1997..	77 816
	Kansas ..... 2002..	14 808
	..... 1997..	9 455
	Michigan ..... 2002..	112 931
	..... 1997..	49 335
	Missouri ..... 2002..	34 561
	..... 1997..	N
	Ohio ..... 2002..	81 433
	..... 1997..	229 002
	Pennsylvania ..... 2002..	6 565
	..... 1997..	21 287
	Tennessee ..... 2002..	17 633
	..... 1997..	N
	Texas ..... 2002..	141 053
	..... 1997..	9 791
	Wisconsin ..... 2002..	49 670
	..... 1997..	66 716
3339911	Power-driven handtools, pneumatic, hydraulic, and power-actuated	
	United States ..... 2002..	1 085 869
	..... 1997..	953 256
	California ..... 2002..	37 269
	..... 1997..	41 747
	Massachusetts ..... 2002..	41 651
	..... 1997..	44 175
	Missouri ..... 2002..	4 513
	..... 1997..	N
	Ohio ..... 2002..	111 371
	..... 1997..	208 966
	Texas ..... 2002..	37 339
	..... 1997..	N
	Wisconsin ..... 2002..	11 532
	..... 1997..	N
3339913	Power-driven handtools, internal combustion engine driven (including parts)	
	United States ..... 2002..	241 686
	..... 1997..	230 306
3339917	Power-driven handtools, battery-powered (cordless), including parts	
	United States ..... 2002..	589 603
	..... 1997..	493 947
3339919	Power-driven handtools, electric (except battery-powered), including parts	
	United States ..... 2002..	1 379 805
	..... 1997..	1 597 763
	New York ..... 2002..	2 067
	..... 1997..	N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3339921	Arc welding machines, components, and accessories (except electrodes), except stud welding equipment	
	United States.....	2002.. 1 218 553
		1997.. 1 418 821
	California.....	2002.. 62 468
		1997.. 78 372
	Connecticut.....	2002.. 15 475
		1997.. N
	Michigan.....	2002.. 42 042
		1997.. N
	Pennsylvania.....	2002.. 20 351
		1997.. N
3339923	Arc welding electrodes, metal	
	United States.....	2002.. 682 211
		1997.. 1 204 369
	California.....	2002.. 6 701
		1997.. N
	Michigan.....	2002.. 41 263
		1997.. N
	Ohio.....	2002.. 469 149
		1997.. N
3339927	Resistance welders, components, accessories, and electrodes	
	United States.....	2002.. 820 817
		1997.. 428 290
	California.....	2002.. 26 723
		1997.. 24 014
	Illinois.....	2002.. 6 184
		1997.. 13 757
	Michigan.....	2002.. 621 439
		1997.. 310 776
	Ohio.....	2002.. 90 278
		1997.. 34 335
3339929	Gas welding and cutting equipment, parts, attachments, and accessories	
	United States.....	2002.. 311 733
		1997.. 330 193
	California.....	2002.. 8 018
	1997.. 6 292	
	Michigan.....	2002.. 7 299
		1997.. N
333992A	Other welding equipment, components, and accessories (except arc, resistance, and gas welding equipment)	
	United States.....	2002.. 499 588
		1997.. 512 679
	California.....	2002.. 42 590
		1997.. 43 405
	Connecticut.....	2002.. 12 388
		1997.. N
	Illinois.....	2002.. 8 716
		1997.. N
	Indiana.....	2002.. 12 106
	1997.. N	
	Michigan.....	2002.. 72 909
		1997.. 33 338
	New Jersey.....	2002.. 13 496
		1997.. N
3339931	Packing, packaging, and bottling machinery (except parts)	
	United States.....	2002.. 3 004 546
		1997.. 3 515 923
	Arkansas.....	2002.. 18 908
		1997.. 7 629
	California.....	2002.. 235 639
		1997.. 346 824
	Connecticut.....	2002.. 39 319
		1997.. 18 741
	Florida.....	2002.. 81 742
		1997.. 165 474
	Georgia.....	2002.. 221 936
		1997.. 181 846
	Illinois.....	2002.. 308 286
		1997.. 481 987
	Michigan.....	2002.. 72 143
		1997.. 96 418
	Minnesota.....	2002.. 241 238
		1997.. 204 756
	Missouri.....	2002.. 60 337
		1997.. 48 088
	Nebraska.....	2002.. 6 128
		1997.. 9 570
	New Jersey.....	2002.. 108 872
		1997.. 112 706
	New York.....	2002.. 73 631
		1997.. 97 736
	Ohio.....	2002.. 301 976
		1997.. 421 518
	Pennsylvania.....	2002.. 195 986
	1997.. 208 631	
South Carolina.....	2002.. 51 490	
	1997.. 73 648	
Texas.....	2002.. 37 589	
	1997.. 57 579	
Washington.....	2002.. 75 059	
	1997.. 78 533	
Wisconsin.....	2002.. 205 451	
	1997.. 321 049	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3339935	Parts for packing, packaging, and bottling machinery		
	United States.....	2002.. 658 544 1997.. 566 412	
	California .....	2002.. 79 990 1997.. 59 541	
	Connecticut .....	2002.. 10 695 1997.. 9 134	
	Florida .....	2002.. 16 516 1997.. 25 369	
	Georgia .....	2002.. 11 386 1997.. 12 323	
	Illinois .....	2002.. 148 933 1997.. 64 921	
	Michigan.....	2002.. 9 188 1997.. 5 503	
	Minnesota .....	2002.. 20 457 1997.. 21 218	
	New Jersey .....	2002.. 30 287 1997.. 13 119	
	New York .....	2002.. 17 927 1997.. 23 190	
	Ohio .....	2002.. 42 819 1997.. 11 176	
	Pennsylvania.....	2002.. 17 977 1997.. 31 139	
	South Carolina .....	2002.. 43 010 1997.. 47 621	
	Washington .....	2002.. 11 892 1997.. 13 137	
	Wisconsin .....	2002.. 82 211 1997.. 111 680	
	3339940	Industrial furnaces and ovens, and electric industrial heating equipment	
		United States.....	2002.. 1 521 064 1997.. 2 861 613
		California .....	2002.. 88 523 1997.. N
		Connecticut .....	2002.. 13 892 1997.. N
Florida .....		2002.. 3 390 1997.. N	
Illinois .....		2002.. 139 700 1997.. N	
Indiana .....		2002.. 46 002 1997.. N	
Kentucky .....		2002.. 8 835 1997.. N	
Louisiana .....		2002.. 2 660 1997.. N	
Massachusetts .....		2002.. 70 787 1997.. N	
Michigan.....		2002.. 95 822 1997.. N	
Minnesota .....		2002.. 32 842 1997.. N	
Missouri .....		2002.. 115 342 1997.. N	
New Hampshire .....		2002.. 19 175 1997.. N	
New Jersey .....		2002.. 114 635 1997.. N	
New York .....		2002.. 71 648 1997.. N	
North Carolina.....		2002.. 11 297 1997.. N	
Ohio .....		2002.. 124 113 1997.. N	
Oklahoma .....		2002.. 25 396 1997.. N	
Oregon .....		2002.. 13 741 1997.. N	
Pennsylvania.....		2002.. 120 162 1997.. N	
Rhode Island.....		2002.. 11 280 1997.. N	
South Carolina .....		2002.. 30 260 1997.. N	
Tennessee.....		2002.. 42 247 1997.. N	
Texas .....		2002.. 32 385 1997.. N	
Wisconsin .....		2002.. 146 620 1997.. N	
3339951		Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary	
		United States.....	2002.. 962 343 1997.. 1 382 036
		California .....	2002.. 15 083 1997.. 79 004
		Illinois .....	2002.. 170 190 1997.. 381 098
		Iowa .....	2002.. 111 255 1997.. 137 262
		Michigan.....	2002.. 46 869 1997.. 40 418
	New York .....	2002.. 34 784 1997.. 19 290	
	Ohio .....	2002.. 110 805 1997.. 135 578	
	Oregon .....	2002.. 16 276 1997.. 23 568	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3339951	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary—Con.		
	Wisconsin .....	2002.. 76 705 1997.. 154 810	
3339953	Nonaerospace type pneumatic fluid power cylinders and actuators, linear and rotary		
	United States .....	2002.. 545 716 1997.. 491 260	
	California .....	2002.. 7 243 1997.. N	
	Illinois .....	2002.. 85 372 1997.. 123 815	
	Indiana .....	2002.. 96 966 1997.. 95 122	
	Michigan .....	2002.. 86 815 1997.. 94 470	
	Wisconsin .....	2002.. 5 096 1997.. 7 689	
	3339955	Parts for nonaerospace type hydraulic and pneumatic fluid power cylinders and actuators, including accumulators, cushions, etc.	
United States .....		2002.. 414 513 1997.. 303 995	
California .....		2002.. 45 606 1997.. 9 006	
Connecticut .....		2002.. 4 608 1997.. 6 598	
Indiana .....		2002.. 46 850 1997.. 34 744	
Iowa .....		2002.. 3 761 1997.. N	
Minnesota .....		2002.. 9 044 1997.. 9 101	
New York .....		2002.. 29 294 1997.. 14 942	
Ohio .....		2002.. 45 082 1997.. 50 682	
Wisconsin .....		2002.. 37 623 1997.. 24 352	
3339957		Aerospace type fluid power cylinders and actuators, hydraulic and pneumatic	
		United States .....	2002.. 1 002 645 1997.. 900 549
	California .....	2002.. 292 769 1997.. 295 331	
	Connecticut .....	2002.. 4 344 1997.. 8 518	
3339961	Nonaerospace type reciprocating fluid power pumps		
	United States .....	2002.. 566 848 1997.. 661 302	
	Florida .....	2002.. 8 575 1997.. 3 588	
	Wisconsin .....	2002.. 17 519 1997.. 9 062	
3339963	Nonaerospace type rotary and other fluid power pumps		
	United States .....	2002.. 504 654 1997.. 501 080	
	Florida .....	2002.. 42 423 1997.. 14 675	
	Illinois .....	2002.. 107 763 1997.. 126 889	
	Kansas .....	2002.. 15 235 1997.. N	
	North Carolina .....	2002.. 55 013 1997.. 30 153	
	Ohio .....	2002.. 43 666 1997.. N	
3339965	Nonaerospace type fluid power motors		
	United States .....	2002.. 514 352 1997.. 541 994	
3339967	Aerospace type fluid power pumps and motors		
	United States .....	2002.. 252 051 1997.. 221 735	
	Ohio .....	2002.. 25 666 1997.. 15 604	
3339969	Parts for fluid power pumps, motors, and hydrostatic transmissions		
	United States .....	2002.. 504 523 1997.. 502 056	
	California .....	2002.. 50 256 1997.. 24 961	
	Florida .....	2002.. 21 947 1997.. 2 275	
	Michigan .....	2002.. 10 204 1997.. 5 407	
	Minnesota .....	2002.. 6 742 1997.. N	
	North Carolina .....	2002.. 23 785 1997.. 40 966	
	Ohio .....	2002.. 15 505 1997.. 33 065	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3339971	Vehicle and industrial scales	
	United States .....	2002.. 316 506
	California .....	1997.. 331 007
	California .....	2002.. 15 500
	California .....	1997.. 19 865
3339973	Retail, commercial, household, and mailing scales	
	United States .....	2002.. 195 336
	Illinois .....	1997.. 154 067
	Illinois .....	2002.. 43 836
	Illinois .....	1997.. N
3339975	Parts, attachments, and accessories for scales and balances, except laboratory	
	United States .....	2002.. 98 878
	United States .....	1997.. 102 781
3339991	Filters and strainers, except fluid power	
	United States .....	2002.. 2 346 145
	California .....	1997.. 1 985 617
	California .....	2002.. 184 992
	Connecticut .....	1997.. 120 371
	Connecticut .....	2002.. 201 097
	Georgia .....	1997.. N
	Georgia .....	2002.. 17 661
	Illinois .....	1997.. 12 493
	Illinois .....	2002.. 206 707
	Indiana .....	1997.. 158 692
	Indiana .....	2002.. 34 040
	Kentucky .....	1997.. 74 680
	Kentucky .....	2002.. 27 567
	Massachusetts .....	1997.. N
	Massachusetts .....	2002.. 58 262
	Michigan .....	1997.. 102 546
	Michigan .....	2002.. 225 147
	Minnesota .....	1997.. 188 263
	Minnesota .....	2002.. 312 355
	New Jersey .....	1997.. 108 884
	New Jersey .....	2002.. 46 934
	New York .....	1997.. 48 430
	New York .....	2002.. 179 390
	North Carolina .....	1997.. 158 284
	North Carolina .....	2002.. 92 273
	Ohio .....	1997.. 156 418
	Ohio .....	2002.. 171 557
	Oklahoma .....	1997.. 119 119
	Oklahoma .....	2002.. 10 204
	Pennsylvania .....	1997.. 27 371
	Pennsylvania .....	2002.. 58 422
	South Carolina .....	1997.. 57 765
South Carolina .....	2002.. 7 858	
Tennessee .....	1997.. N	
Tennessee .....	2002.. 7 020	
Texas .....	1997.. 13 796	
Texas .....	2002.. 87 930	
Wisconsin .....	1997.. 30 416	
Wisconsin .....	2002.. 137 483	
	Wisconsin .....	1997.. N
3339993	Filters for hydraulic fluid power systems, nonaerospace	
	United States .....	2002.. 372 465
	United States .....	1997.. 252 305
	California .....	2002.. 13 602
	California .....	1997.. 30 010
	Connecticut .....	2002.. 41 313
	Connecticut .....	1997.. N
	Illinois .....	2002.. 22 935
	Illinois .....	1997.. 23 033
3339994	Filters for pneumatic fluid power systems, nonaerospace	
	United States .....	2002.. 110 818
	United States .....	1997.. 137 737
3339996	Filters for hydraulic and pneumatic fluid power systems, aerospace	
	United States .....	2002.. 137 483
	United States .....	1997.. 121 694
3339997	All other miscellaneous general industrial machinery	
	United States .....	2002.. 3 244 366
	California .....	1997.. N
	California .....	2002.. 160 041
	Connecticut .....	1997.. N
	Connecticut .....	2002.. 121 690
	Florida .....	1997.. N
	Florida .....	2002.. 99 819
	Georgia .....	1997.. N
	Georgia .....	2002.. 45 928
	Illinois .....	1997.. N
	Illinois .....	2002.. 164 699
	Indiana .....	1997.. N
	Indiana .....	2002.. 66 579
	Kansas .....	1997.. N
	Kansas .....	2002.. 20 843
	Kentucky .....	1997.. N
Kentucky .....	2002.. 57 977	
Massachusetts .....	1997.. N	
Massachusetts .....	2002.. 96 749	
	Massachusetts .....	1997.. N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3339997	All other miscellaneous general industrial machinery—Con.	
	Michigan ..... 2002 ..	697 850
	..... 1997 ..	N
	Minnesota ..... 2002 ..	112 224
	..... 1997 ..	N
	New Jersey ..... 2002 ..	41 893
	..... 1997 ..	N
	New York ..... 2002 ..	104 444
	..... 1997 ..	N
	North Carolina ..... 2002 ..	93 319
	..... 1997 ..	N
	Ohio ..... 2002 ..	212 766
	..... 1997 ..	N
	Oklahoma ..... 2002 ..	31 380
	..... 1997 ..	N
	Oregon ..... 2002 ..	24 814
	..... 1997 ..	N
	Pennsylvania ..... 2002 ..	223 888
	..... 1997 ..	N
	Tennessee ..... 2002 ..	95 069
	..... 1997 ..	N
	Texas ..... 2002 ..	246 295
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	29 312
	..... 1997 ..	N
333999A	All other miscellaneous machinery products, except electrical	
	United States ..... 2002 ..	880 139
	..... 1997 ..	N
	Florida ..... 2002 ..	3 473
	..... 1997 ..	N
	Illinois ..... 2002 ..	19 050
	..... 1997 ..	N
	Michigan ..... 2002 ..	52 453
	..... 1997 ..	N
	New Jersey ..... 2002 ..	22 157
	..... 1997 ..	N
	New York ..... 2002 ..	8 726
	..... 1997 ..	N
	Oklahoma ..... 2002 ..	2 549
	..... 1997 ..	N
	Pennsylvania ..... 2002 ..	32 872
	..... 1997 ..	N
3341111	Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, PC servers)	
	United States ..... 2002 ..	12 975 408
	..... 1997 ..	16 584 553
	California ..... 2002 ..	7 505 640
	..... 1997 ..	6 179 885
3341117	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers)	
	United States ..... 2002 ..	26 376 547
	..... 1997 ..	34 599 552
	California ..... 2002 ..	3 684 558
	..... 1997 ..	10 875 911
334111D	Other computers (array, analog, hybrid, and special-use computers)	
	United States ..... 2002 ..	805 508
	..... 1997 ..	1 012 286
	Alabama ..... 2002 ..	11 555
	..... 1997 ..	N
	California ..... 2002 ..	42 785
	..... 1997 ..	N
3341121	Computer storage devices (except parts, attachments, and accessories)	
	United States ..... 2002 ..	5 461 472
	..... 1997 ..	10 406 775
	California ..... 2002 ..	1 268 991
	..... 1997 ..	2 067 843
3341124	Parts, attachments, and accessories for computer storage devices	
	United States ..... 2002 ..	1 686 810
	..... 1997 ..	2 340 307
	California ..... 2002 ..	1 070 757
	..... 1997 ..	1 144 118
3341131	Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories)	
	United States ..... 2002 ..	312 336
	..... 1997 ..	1 086 746
3341134	Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices)	
	United States ..... 2002 ..	81 889
	..... 1997 ..	190 902
3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)	
	United States ..... 2002 ..	10 543 396
	..... 1997 ..	15 657 143
	California ..... 2002 ..	1 254 616
	..... 1997 ..	4 500 407
	Florida ..... 2002 ..	73 027
	..... 1997 ..	126 233
	Illinois ..... 2002 ..	318 438
	..... 1997 ..	424 559

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories)—Con.	
	Massachusetts .....	2002.. 241 731
	.....	1997.. 799 789
	Michigan .....	2002.. 24 380
	.....	1997.. 47 861
	New Jersey .....	2002.. 121 887
	.....	1997.. 93 522
	New York .....	2002.. 1 478 898
	.....	1997.. 1 607 967
	Pennsylvania .....	2002.. 77 772
	.....	1997.. 84 743
3341194	Parts, subassemblies, and accessories for computer peripheral equipment	
	United States .....	2002.. 2 261 179
	.....	1997.. 2 914 383
	California .....	2002.. 110 242
	.....	1997.. 125 268
	Florida .....	2002.. 3 968
	.....	1997.. N
	Massachusetts .....	2002.. 55 151
	.....	1997.. 67 351
	Pennsylvania .....	2002.. 21 844
	.....	1997.. N
3341197	Point of sale terminals and fund-transfer devices.	
	United States .....	2002.. 797 272
	.....	1997.. 1 635 769
	New York .....	2002.. 65 379
	.....	1997.. 48 645
334119D	Parts and attachments for point of sale terminals and fund-transfer devices	
	United States .....	2002.. 81 089
	.....	1997.. 170 816
3342101	Telephone switching and switchboard equipment	
	United States .....	2002.. 7 095 863
	.....	1997.. 10 491 799
	Illinois .....	2002.. 282 481
	.....	1997.. 267 182
3342104	Telephone and telegraph (wire) apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets	
	United States .....	2002.. 4 162 776
	.....	1997.. 7 461 823
	California .....	2002.. 1 132 646
	.....	1997.. 1 114 611
	Connecticut .....	2002.. 77 292
	.....	1997.. N
	Illinois .....	2002.. 935 220
	.....	1997.. N
	Virginia .....	2002.. 46 301
	.....	1997.. N
	Washington .....	2002.. 87 506
	.....	1997.. N
3342107	Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines	
	United States .....	2002.. 12 875 107
	.....	1997.. 19 081 252
	Illinois .....	2002.. 85 172
	.....	1997.. 335 325
	Minnesota .....	2002.. 466 521
	.....	1997.. 349 978
	New Jersey .....	2002.. 21 660
	.....	1997.. 69 711
	New York .....	2002.. 82 589
	.....	1997.. 243 871
	Tennessee .....	2002.. 6 572
	.....	1997.. N
	Texas .....	2002.. 337 751
	.....	1997.. 1 065 067
	Virginia .....	2002.. 54 683
	.....	1997.. 189 017
	Washington .....	2002.. 139 232
	.....	1997.. 219 382
3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)	
	United States .....	2002.. 24 627 117
	.....	1997.. 30 899 871
	California .....	2002.. 7 654 057
	.....	1997.. 6 448 587
	Colorado .....	2002.. 106 407
	.....	1997.. 217 273
	Florida .....	2002.. 3 106 085
	.....	1997.. 3 609 162
	Georgia .....	2002.. 307 337
	.....	1997.. 842 487
	Massachusetts .....	2002.. 482 296
	.....	1997.. 956 453
	New Jersey .....	2002.. 484 998
	.....	1997.. 941 211
	New York .....	2002.. 746 036
	.....	1997.. 768 417
	Ohio .....	2002.. 84 164
	.....	1997.. 268 820
	Pennsylvania .....	2002.. 254 491
	.....	1997.. 347 570

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast)— Con.	
	Texas ..... 2002..	5 375 271
	..... 1997..	2 387 498
	Washington ..... 2002..	58 497
	..... 1997..	111 586
3342202	Broadcast, studio, and related electronic equipment	
	United States ..... 2002..	3 190 486
	..... 1997..	N
	California ..... 2002..	1 035 783
	..... 1997..	N
	Colorado ..... 2002..	8 951
	..... 1997..	N
	Florida ..... 2002..	46 706
	..... 1997..	N
	Maine ..... 2002..	36 845
	..... 1997..	N
	Massachusetts ..... 2002..	104 328
	..... 1997..	N
	New Jersey ..... 2002..	156 219
	..... 1997..	N
	New York ..... 2002..	287 104
	..... 1997..	N
	Ohio ..... 2002..	161 954
	..... 1997..	N
	Pennsylvania ..... 2002..	206 091
	..... 1997..	N
	Texas ..... 2002..	113 119
	..... 1997..	N
	Washington ..... 2002..	24 137
	..... 1997..	N
3342901	Alarm systems, including electric sirens and horns	
	United States ..... 2002..	3 037 297
	..... 1997..	2 056 111
	California ..... 2002..	286 695
	..... 1997..	179 556
	New York ..... 2002..	632 801
	..... 1997..	N
	Pennsylvania ..... 2002..	19 623
	..... 1997..	N
	Texas ..... 2002..	46 073
	..... 1997..	43 581
3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments	
	United States ..... 2002..	894 294
	..... 1997..	1 003 415
	California ..... 2002..	215 811
	..... 1997..	180 497
	Texas ..... 2002..	69 097
	..... 1997..	33 255
3342903	Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph	
	United States ..... 2002..	304 308
	..... 1997..	291 751
	California ..... 2002..	68 636
	..... 1997..	53 164
3343101	Home, portable, and automobile radios and radio-phonograph-tape recorder-compact disc combinations	
	United States ..... 2002..	2 458 771
	..... 1997..	992 601
3343102	Television receivers, including combination models	
	United States ..... 2002..	3 391 132
	..... 1997..	4 375 014
3343104	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment	
	United States ..... 2002..	2 170 414
	..... 1997..	2 156 074
	California ..... 2002..	371 717
	..... 1997..	399 324
	Florida ..... 2002..	60 594
	..... 1997..	32 944
	Illinois ..... 2002..	195 088
	..... 1997..	233 876
	Texas ..... 2002..	42 823
	..... 1997..	N
	Utah ..... 2002..	12 246
	..... 1997..	N
3343105	Other consumer audio and video equipment, including audio and video recorders and players (camcorders)	
	United States ..... 2002..	1 023 796
	..... 1997..	N
	California ..... 2002..	117 321
	..... 1997..	N
	New York ..... 2002..	30 115
	..... 1997..	N
	Texas ..... 2002..	2 084
	..... 1997..	N
3344111	Transmittal, industrial, and special-purpose electron tubes (except X-ray)	
	United States ..... 2002..	584 845
	..... 1997..	577 989

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3344114	Receiving-type electron tubes, including cathode ray (new and rebuilt)	
	United States .....	2002.. 2 515 608 1997.. 3 394 462
3344117	Electron tube parts	
	United States .....	2002.. 87 642 1997.. 156 671
3344120	Bare printed circuit boards	
	United States .....	2002.. 6 590 255 1997.. 8 724 756
	Alabama .....	2002.. 133 984 1997.. N
	Arizona .....	2002.. 58 135 1997.. N
	California .....	2002.. 1 445 651 1997.. N
	Colorado .....	2002.. 104 851 1997.. N
	Connecticut .....	2002.. 148 042 1997.. N
	Florida .....	2002.. 317 406 1997.. N
	Georgia .....	2002.. 118 565 1997.. N
	Illinois .....	2002.. 256 361 1997.. N
	Indiana .....	2002.. 17 887 1997.. N
	Iowa .....	2002.. 11 393 1997.. N
	Kansas .....	2002.. 6 511 1997.. N
	Maryland .....	2002.. 27 165 1997.. N
	Massachusetts .....	2002.. 429 329 1997.. N
	Michigan .....	2002.. 131 631 1997.. N
	Minnesota .....	2002.. 386 614 1997.. N
	New Hampshire .....	2002.. 302 624 1997.. N
	New Jersey .....	2002.. 37 156 1997.. N
	New Mexico .....	2002.. 61 134 1997.. N
	New York .....	2002.. 1 043 397 1997.. N
	North Carolina .....	2002.. 18 148 1997.. N
	Ohio .....	2002.. 128 252 1997.. N
	Oklahoma .....	2002.. 14 215 1997.. N
	Oregon .....	2002.. 167 983 1997.. N
	Pennsylvania .....	2002.. 65 227 1997.. N
	Texas .....	2002.. 158 848 1997.. N
	Utah .....	2002.. 92 230 1997.. N
	Virginia .....	2002.. 61 840 1997.. N
	Washington .....	2002.. 121 157 1997.. N
	Wisconsin .....	2002.. 160 884 1997.. N
3344131	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories	
	United States .....	2002.. 49 483 874 1997.. 60 277 163
	Arizona .....	2002.. 8 908 333 1997.. 6 524 241
	California .....	2002.. 6 049 893 1997.. 11 104 563
	Massachusetts .....	2002.. 3 849 179 1997.. 1 107 022
	New Jersey .....	2002.. 177 770 1997.. N
	New York .....	2002.. 887 125 1997.. 1 002 391
	Oregon .....	2002.. 8 487 784 1997.. N
	Texas .....	2002.. 7 988 937 1997.. 11 517 288
	Washington .....	2002.. 476 357 1997.. 191 232
3344134	Transistors	
	United States .....	2002.. 861 073 1997.. 1 661 296
	Arizona .....	2002.. 213 617 1997.. N
	California .....	2002.. 167 165 1997.. 364 270
3344137	Diodes and rectifiers	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3344137	Diodes and rectifiers—Con.	
	United States .....	2002 .. 454 387
	Arizona .....	1997 .. 1 200 564
	California .....	2002 .. 70 084
	California .....	1997 .. N
334413A	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks	
	United States .....	2002 .. 6 836 388
	Arizona .....	1997 .. 11 202 336
	California .....	2002 .. 357 623
	California .....	1997 .. 1 859 109
	California .....	2002 .. 1 994 670
	Illinois .....	1997 .. 2 282 151
	Illinois .....	2002 .. 7 457
	Massachusetts .....	1997 .. 18 435
	Massachusetts .....	2002 .. 153 976
	Michigan .....	1997 .. N
	Michigan .....	2002 .. 24 408
	New York .....	1997 .. N
	New York .....	2002 .. 360 037
	Pennsylvania .....	1997 .. N
Pennsylvania .....	2002 .. 339 320	
Texas .....	1997 .. 751 695	
Texas .....	2002 .. 1 020 351	
Virginia .....	1997 .. 1 543 307	
Virginia .....	2002 .. 7 979	
Virginia .....	1997 .. N	
3344140	Capacitors for electronic circuitry	
	United States .....	2002 .. 1 365 970
	California .....	1997 .. 2 128 486
	California .....	2002 .. 137 092
	Connecticut .....	1997 .. N
	Connecticut .....	2002 .. 25 719
	Florida .....	1997 .. N
	Florida .....	2002 .. 37 247
	Illinois .....	1997 .. N
	Illinois .....	2002 .. 15 223
	Massachusetts .....	1997 .. N
	Massachusetts .....	2002 .. 59 138
	New Jersey .....	1997 .. N
	New Jersey .....	2002 .. 35 938
	New York .....	1997 .. N
	New York .....	2002 .. 140 668
	North Carolina .....	1997 .. N
North Carolina .....	2002 .. 107 804	
South Carolina .....	1997 .. N	
South Carolina .....	2002 .. 413 243	
Virginia .....	1997 .. N	
Virginia .....	2002 .. 9 970	
Virginia .....	1997 .. N	
3344150	Resistors for electronic circuitry	
	United States .....	2002 .. 681 181
	California .....	1997 .. 1 098 006
	California .....	2002 .. 181 951
	Florida .....	1997 .. N
	Florida .....	2002 .. 10 646
	Massachusetts .....	1997 .. N
	Massachusetts .....	2002 .. 23 522
	New Jersey .....	1997 .. N
	New Jersey .....	2002 .. 35 207
	New York .....	1997 .. N
	New York .....	2002 .. 36 485
	Pennsylvania .....	1997 .. N
	Pennsylvania .....	2002 .. 59 978
Texas .....	1997 .. N	
Texas .....	2002 .. 67 018	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 12 518	
Wisconsin .....	1997 .. N	
3344160	Electronic coils, transformers, and other inductors	
	United States .....	2002 .. 1 174 227
	Arizona .....	1997 .. 1 622 026
	Arizona .....	2002 .. 7 500
	California .....	1997 .. N
	California .....	2002 .. 225 212
	Colorado .....	1997 .. N
	Colorado .....	2002 .. 4 630
	Connecticut .....	1997 .. N
	Connecticut .....	2002 .. 29 578
	Florida .....	1997 .. N
	Florida .....	2002 .. 35 102
	Illinois .....	1997 .. N
	Illinois .....	2002 .. 98 135
	Indiana .....	1997 .. N
	Indiana .....	2002 .. 57 010
	Massachusetts .....	1997 .. N
Massachusetts .....	2002 .. 25 209	
Michigan .....	1997 .. N	
Michigan .....	2002 .. 18 158	
Minnesota .....	1997 .. N	
Minnesota .....	2002 .. 17 306	
New Hampshire .....	1997 .. N	
New Hampshire .....	2002 .. 41 235	
New Hampshire .....	1997 .. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3344160	Electronic coils, transformers, and other inductors—Con.	
	New Jersey .....	2002 .. 20 366
	.....	1997 .. N
	New York .....	2002 .. 94 358
	.....	1997 .. N
	North Carolina .....	2002 .. 2 605
	.....	1997 .. N
	Ohio .....	2002 .. 17 185
	.....	1997 .. N
	Oregon .....	2002 .. 24 478
	.....	1997 .. N
Pennsylvania .....	2002 .. 25 172	
.....	1997 .. N	
South Dakota .....	2002 .. 42 987	
.....	1997 .. N	
Texas .....	2002 .. 66 109	
.....	1997 .. N	
Wisconsin .....	2002 .. 37 486	
.....	1997 .. N	
3344171	Coaxial (RF) connectors for electronic circuitry	
	United States .....	2002 .. 487 894
	.....	1997 .. 676 224
	California .....	2002 .. 62 073
	.....	1997 .. 37 635
	Connecticut .....	2002 .. 51 968
	.....	1997 .. 112 325
Florida .....	2002 .. 22 350	
.....	1997 .. N	
Massachusetts .....	2002 .. 29 365	
.....	1997 .. 77 724	
3344174	Cylindrical connectors for electronic circuitry	
	United States .....	2002 .. 525 616
	.....	1997 .. 602 702
California .....	2002 .. 260 102	
.....	1997 .. 275 855	
3344177	Rack and panel (rectangular) connectors for electronic circuitry	
	United States .....	2002 .. 281 953
	.....	1997 .. 579 598
California .....	2002 .. 116 387	
.....	1997 .. 122 378	
334417A	Printed circuit connectors for electronic circuitry	
	United States .....	2002 .. 771 576
	.....	1997 .. 1 353 679
California .....	2002 .. 42 485	
.....	1997 .. 24 613	
334417D	Other connectors for electronic circuitry, including parts	
	United States .....	2002 .. 1 555 450
	.....	1997 .. 2 162 527
	California .....	2002 .. 500 209
	.....	1997 .. 407 985
	Massachusetts .....	2002 .. 78 976
	.....	1997 .. 98 764
	New Jersey .....	2002 .. 32 493
	.....	1997 .. 89 746
	Ohio .....	2002 .. 28 633
.....	1997 .. 86 925	
Pennsylvania .....	2002 .. 191 686	
.....	1997 .. 463 945	
3344184	External modems, consumer	
	United States .....	2002 .. 429 309
	.....	1997 .. 990 981
	California .....	2002 .. 221 510
	.....	1997 .. 117 562
	Massachusetts .....	2002 .. 52 581
.....	1997 .. N	
Texas .....	2002 .. 6 168	
.....	1997 .. 12 278	
334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components)	
	United States .....	2002 .. 21 279 167
	.....	1997 .. N
	Alabama .....	2002 .. 737 239
	.....	1997 .. N
	California .....	2002 .. 5 059 988
	.....	1997 .. N
	Colorado .....	2002 .. 561 917
	.....	1997 .. N
	Connecticut .....	2002 .. 128 500
	.....	1997 .. N
	Georgia .....	2002 .. 158 559
	.....	1997 .. N
	Idaho .....	2002 .. 732 781
	.....	1997 .. N
	Kentucky .....	2002 .. 63 797
	.....	1997 .. N
	Louisiana .....	2002 .. 2 444
.....	1997 .. N	
Massachusetts .....	2002 .. 567 416	
.....	1997 .. N	
North Dakota .....	2002 .. 112 176	
.....	1997 .. N	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components) —Con.	
	Oklahoma .....	2002.. 131 576
	.....	1997.. N
	Oregon .....	2002.. 232 366
	.....	1997.. N
	South Carolina .....	2002.. 41 149
	.....	1997.. N
	South Dakota .....	2002.. 268 867
.....	1997.. N	
Texas .....	2002.. 1 751 703	
.....	1997.. N	
Washington .....	2002.. 101 293	
.....	1997.. N	
3344191	Crystals, filters, piezoelectric, and other related electronic devices (except microwave filters) United States .....	2002.. 775 910
	.....	1997.. 964 480
	California .....	2002.. 163 108
	.....	1997.. 182 582
	Colorado .....	2002.. 2 279
	.....	1997.. N
	Connecticut .....	2002.. 74 394
	.....	1997.. 54 455
	Florida .....	2002.. 84 382
	.....	1997.. N
	Illinois .....	2002.. 58 540
	.....	1997.. 93 942
	Massachusetts .....	2002.. 64 175
	.....	1997.. 34 875
	New Hampshire .....	2002.. 38 645
	.....	1997.. N
	Ohio .....	2002.. 42 477
.....	1997.. 37 573	
Oklahoma .....	2002.. 3 904	
.....	1997.. N	
Pennsylvania .....	2002.. 34 310	
.....	1997.. 81 005	
Texas .....	2002.. 55 219	
.....	1997.. 90 169	
3344194	All other miscellaneous transducers, including electrical-electronic input/output transducers United States .....	2002.. 1 218 862
	.....	1997.. 1 261 240
	California .....	2002.. 493 488
	.....	1997.. 381 782
	Florida .....	2002.. 39 868
	.....	1997.. N
	Indiana .....	2002.. 102 473
	.....	1997.. N
	Massachusetts .....	2002.. 46 189
	.....	1997.. 103 224
	Michigan .....	2002.. 26 621
	.....	1997.. 23 808
	New York .....	2002.. 58 337
	.....	1997.. 56 942
	Pennsylvania .....	2002.. 23 575
	.....	1997.. 22 852
	Utah .....	2002.. 32 396
.....	1997.. 12 691	
Washington .....	2002.. 71 049	
.....	1997.. 15 031	
3344197	Switches, mechanical, for electronic circuitry United States .....	2002.. 861 312
	.....	1997.. 822 899
	Arizona .....	2002.. 10 930
	.....	1997.. N
	California .....	2002.. 40 207
	.....	1997.. 70 590
	Illinois .....	2002.. 96 580
	.....	1997.. 140 209
	Massachusetts .....	2002.. 64 330
	.....	1997.. 56 655
	Michigan .....	2002.. 19 129
	.....	1997.. N
	North Carolina .....	2002.. 22 851
	.....	1997.. 48 162
	Pennsylvania .....	2002.. 38 769
	.....	1997.. 21 392
	Washington .....	2002.. 102 246
.....	1997.. N	
Wisconsin .....	2002.. 25 808	
.....	1997.. 37 460	
334419A	Microwave components and devices, except antennae, tubes, and semiconductors United States .....	2002.. 1 574 424
	.....	1997.. N
	California .....	2002.. 557 736
	.....	1997.. N
	Maryland .....	2002.. 152 101
	.....	1997.. N
	Massachusetts .....	2002.. 301 666
	.....	1997.. N
	New Hampshire .....	2002.. 43 538
	.....	1997.. N
New Jersey .....	2002.. 98 213	
.....	1997.. N	
New York .....	2002.. 189 382	
.....	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	2002 1997	Value of product shipments (\$1,000)
334419A	Microwave components and devices, except antennae, tubes, and semiconductors—Con.		
	Pennsylvania .....	2002 1997	25 156 N
334419E	All other miscellaneous electronic components		
	United States .....	2002 1997	4 526 037 N
	Arizona .....	2002 1997	74 429 N
	Arkansas .....	2002 1997	67 540 N
	California .....	2002 1997	812 385 N
	Colorado .....	2002 1997	187 813 N
	Connecticut .....	2002 1997	34 458 N
	Florida .....	2002 1997	247 711 N
	Illinois .....	2002 1997	181 124 N
	Indiana .....	2002 1997	121 977 N
	Massachusetts .....	2002 1997	87 863 N
	Michigan .....	2002 1997	56 014 N
	Minnesota .....	2002 1997	83 027 N
	New Jersey .....	2002 1997	173 650 N
	New York .....	2002 1997	734 470 N
	North Carolina .....	2002 1997	131 931 N
	Ohio .....	2002 1997	99 082 N
	Pennsylvania .....	2002 1997	158 990 N
	Tennessee .....	2002 1997	15 382 N
	Texas .....	2002 1997	505 476 N
	Wisconsin .....	2002 1997	224 133 N
3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment)		
	United States .....	2002 1997	13 577 423 9 414 822
	Alabama .....	2002 1997	120 069 N
	Arizona .....	2002 1997	109 936 114 922
	California .....	2002 1997	2 748 629 2 030 684
	Colorado .....	2002 1997	312 947 665 507
	Connecticut .....	2002 1997	308 996 107 987
	Florida .....	2002 1997	194 818 268 386
	Indiana .....	2002 1997	18 217 N
	Minnesota .....	2002 1997	2 369 386 1 032 985
	New Jersey .....	2002 1997	266 082 226 297
	New York .....	2002 1997	315 047 190 814
	Ohio .....	2002 1997	172 821 192 556
	South Dakota .....	2002 1997	114 955 N
	Tennessee .....	2002 1997	63 042 17 534
	Washington .....	2002 1997	1 510 274 790 156
	Wisconsin .....	2002 1997	1 503 345 998 094
3345103	Electronic hearing aids, complete units		
	United States .....	2002 1997	878 613 585 336
	California .....	2002 1997	137 626 57 802
	Florida .....	2002 1997	38 394 31 057
	Minnesota .....	2002 1997	303 997 304 824
	New Jersey .....	2002 1997	134 288 41 882
3345111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)		
	United States .....	2002 1997	2 719 439 2 651 069
	California .....	2002 1997	346 168 503 510

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**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3345111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments)—Con.	
	Florida ..... 2002..	197 297
	..... 1997..	160 950
	Michigan..... 2002..	64 755
	..... 1997..	92 307
	New York..... 2002..	70 330
	..... 1997..	66 313
	Ohio..... 2002..	170 466
	..... 1997..	N
	Texas..... 2002..	28 554
	..... 1997..	16 053
	Virginia..... 2002..	71 860
	..... 1997..	69 072
3345113	Search, detection, navigation, and guidance systems and equipment	
	United States..... 2002..	26 787 072
	..... 1997..	26 748 331
	Alabama..... 2002..	67 347
	..... 1997..	114 114
	California..... 2002..	5 692 423
	..... 1997..	5 364 842
	Florida..... 2002..	2 257 447
	..... 1997..	2 139 417
	Michigan..... 2002..	217 012
	..... 1997..	132 602
	New York..... 2002..	707 910
	..... 1997..	2 391 721
	Ohio..... 2002..	193 399
	..... 1997..	125 175
	Texas..... 2002..	1 729 675
	..... 1997..	2 695 027
	Virginia..... 2002..	1 210 321
	..... 1997..	1 020 842
3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use	
	United States..... 2002..	2 505 684
	..... 1997..	2 935 423
	Arizona..... 2002..	16 319
	..... 1997..	N
	California..... 2002..	273 003
	..... 1997..	N
	Colorado..... 2002..	15 437
	..... 1997..	N
	Connecticut..... 2002..	17 969
	..... 1997..	N
	Florida..... 2002..	16 074
	..... 1997..	N
	Georgia..... 2002..	44 958
	..... 1997..	N
	Illinois..... 2002..	418 085
	..... 1997..	N
	Indiana..... 2002..	231 102
	..... 1997..	N
	Louisiana..... 2002..	6 295
	..... 1997..	N
	Massachusetts..... 2002..	117 265
	..... 1997..	N
	Michigan..... 2002..	108 100
	..... 1997..	N
	Minnesota..... 2002..	126 314
	..... 1997..	N
	Missouri..... 2002..	117 794
	..... 1997..	N
	Nevada..... 2002..	8 110
	..... 1997..	N
	New Jersey..... 2002..	32 736
	..... 1997..	N
	New York..... 2002..	37 860
	..... 1997..	N
	North Carolina..... 2002..	29 201
	..... 1997..	N
	Ohio..... 2002..	249 375
	..... 1997..	N
	Oregon..... 2002..	12 903
	..... 1997..	N
	Pennsylvania..... 2002..	31 332
	..... 1997..	N
	South Carolina..... 2002..	9 481
	..... 1997..	N
	Tennessee..... 2002..	99 427
	..... 1997..	N
	Texas..... 2002..	57 515
	..... 1997..	N
	Virginia..... 2002..	7 650
	..... 1997..	N
	Wisconsin..... 2002..	78 493
	..... 1997..	N
3345130	Process control instruments	
	United States..... 2002..	6 778 451
	..... 1997..	7 234 887
	California..... 2002..	806 009
	..... 1997..	N
	Colorado..... 2002..	272 657
	..... 1997..	N
	Connecticut..... 2002..	317 742
	..... 1997..	N
	Florida..... 2002..	86 285
	..... 1997..	N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3345130	Process control instruments—Con.	
	Georgia .....	2002 .. 170 577
	1997 ..	N
	Idaho .....	2002 .. 5 899
	1997 ..	N
	Illinois .....	2002 .. 252 674
	1997 ..	N
	Indiana .....	2002 .. 89 111
	1997 ..	N
	Iowa .....	2002 .. 90 849
	1997 ..	N
	Kansas .....	2002 .. 16 211
	1997 ..	N
	Kentucky .....	2002 .. 25 176
	1997 ..	N
	Louisiana .....	2002 .. 47 257
	1997 ..	N
	Maryland .....	2002 .. 37 011
	1997 ..	N
	Massachusetts .....	2002 .. 702 467
	1997 ..	N
	Michigan .....	2002 .. 176 609
	1997 ..	N
	Minnesota .....	2002 .. 387 659
	1997 ..	N
	Missouri .....	2002 .. 81 480
	1997 ..	N
	Nevada .....	2002 .. 29 219
	1997 ..	N
	New Hampshire .....	2002 .. 20 898
	1997 ..	N
	New Jersey .....	2002 .. 166 065
	1997 ..	N
	New Mexico .....	2002 .. 4 878
1997 ..	N	
New York .....	2002 .. 184 609	
1997 ..	N	
North Carolina .....	2002 .. 33 305	
1997 ..	N	
Ohio .....	2002 .. 465 248	
1997 ..	N	
Oklahoma .....	2002 .. 52 554	
1997 ..	N	
Oregon .....	2002 .. 11 565	
1997 ..	N	
Pennsylvania .....	2002 .. 678 686	
1997 ..	N	
Rhode Island .....	2002 .. 17 632	
1997 ..	N	
South Carolina .....	2002 .. 19 226	
1997 ..	N	
Tennessee .....	2002 .. 71 684	
1997 ..	N	
Texas .....	2002 .. 619 456	
1997 ..	N	
Utah .....	2002 .. 3 466	
1997 ..	N	
Virginia .....	2002 .. 191 968	
1997 ..	N	
Washington .....	2002 .. 166 653	
1997 ..	N	
West Virginia .....	2002 .. 54 424	
1997 ..	N	
Wisconsin .....	2002 .. 84 328	
1997 ..	N	
3345141	Integrating and totalizing meters for gas and liquids	
	United States .....	2002 .. 1 421 203
	1997 ..	1 185 328
	California .....	2002 .. 69 751
	1997 ..	56 375
	Connecticut .....	2002 .. 13 086
	1997 ..	14 501
Pennsylvania .....	2002 .. 399 994	
1997 ..	370 358	
Texas .....	2002 .. 124 735	
1997 ..	105 734	
3345143	Counting devices, excluding motor vehicle instruments	
	United States .....	2002 .. 466 265
	1997 ..	407 153
	California .....	2002 .. 35 453
	1997 ..	N
Illinois .....	2002 .. 87 885	
1997 ..	39 598	
3345145	Motor vehicle instruments	
	United States .....	2002 .. 3 106 983
	1997 ..	2 300 471
	California .....	2002 .. 77 924
1997 ..	4 647	
3345151	Electrical integrating instruments	
	United States .....	2002 .. 665 297
	1997 ..	484 671
	California .....	2002 .. 21 409
	1997 ..	14 353
Ohio .....	2002 .. 5 631	
1997 ..	N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers)	
	United States .....	2002.. 7 794 502
	Arizona .....	1997.. 11 253 180
	California .....	2002.. 229 986
	Connecticut .....	1997.. 210 283
	Florida .....	2002.. 3 366 505
	New York .....	1997.. 5 106 478
	Ohio .....	2002.. 32 971
	Texas .....	1997.. 37 458
	Texas .....	2002.. 66 976
	Texas .....	1997.. 60 776
3345155	Other instruments to measure electricity	
	United States .....	2002.. 374 339
	California .....	1997.. 486 394
	Illinois .....	2002.. 50 919
	New Hampshire .....	1997.. 97 278
	Ohio .....	2002.. 50 494
3345160	Analytical and scientific instruments, except optical	
	United States .....	2002.. 7 130 058
	Alabama .....	1997.. 6 140 026
	Arizona .....	2002.. 16 734
	California .....	1997.. N
	Colorado .....	2002.. 36 171
	Connecticut .....	1997.. N
	Florida .....	2002.. 2 738 529
	Georgia .....	1997.. N
	Illinois .....	2002.. 119 945
	Indiana .....	1997.. N
	Iowa .....	2002.. 195 094
	Kansas .....	1997.. N
	Kentucky .....	2002.. 387 696
	Louisiana .....	1997.. N
	Maine .....	2002.. 56 852
	Maryland .....	1997.. N
	Massachusetts .....	2002.. 122 507
	Michigan .....	1997.. N
	Minnesota .....	2002.. 76 640
	Mississippi .....	1997.. N
	Missouri .....	2002.. 85 360
	Montana .....	1997.. N
	Nebraska .....	2002.. 847 781
	Nevada .....	1997.. N
	New Hampshire .....	2002.. 200 068
	New Jersey .....	1997.. N
	New Mexico .....	2002.. 362 221
	New York .....	1997.. N
	North Carolina .....	2002.. 60 235
	Ohio .....	1997.. N
	Oklahoma .....	2002.. 54 361
	Oregon .....	1997.. N
	Pennsylvania .....	2002.. 16 447
	Rhode Island .....	1997.. N
	South Carolina .....	2002.. 62 293
	Tennessee .....	1997.. N
	Texas .....	2002.. 279 215
	Utah .....	1997.. N
	Virginia .....	2002.. 4 150
Washington .....	1997.. N	
West Virginia .....	2002.. 172 993	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 42 623	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 65 224	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 4 553	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 47 790	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 194 708	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 5 248	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 47 213	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 395 381	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 27 537	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 15 669	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 54 833	
Wisconsin .....	1997.. N	
Wisconsin .....	2002.. 202 203	
Wisconsin .....	1997.. N	
3345170	Irradiation (ionizing radiation) equipment	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3345170	Irradiation (ionizing radiation) equipment—Con.	
	United States .....	2002.. 4 512 657
		1997.. 3 393 643
	California .....	2002.. 1 587 531
		1997.. N
	Colorado .....	2002.. 79 333
		1997.. N
	Florida .....	2002.. 11 735
		1997.. N
	Illinois .....	2002.. 398 071
		1997.. N
	Indiana .....	2002.. 14 253
		1997.. N
	Massachusetts .....	2002.. 499 526
	1997.. N	
New Jersey .....	2002.. 39 697	
	1997.. N	
New York .....	2002.. 218 750	
	1997.. N	
Pennsylvania .....	2002.. 119 835	
	1997.. N	
Wisconsin .....	2002.. 68 182	
	1997.. N	
3345182	Watches, watchcases, movements, and modules (including watch parts)	
	United States .....	2002.. 99 646
		1997.. N
3345184	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts)	
	Pennsylvania .....	2002.. 4 764
		1997.. N
3345184	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts)	
	United States .....	2002.. 501 975
		1997.. N
	Ohio .....	2002.. 7 275
		1997.. N
3345192	Aircraft engine instruments, except flight	
	Pennsylvania .....	2002.. 5 418
		1997.. N
	United States .....	2002.. 877 026
		1997.. N
3345194	Physical properties testing and inspection equipment and kinematic testing and measuring equipment	
	California .....	2002.. 99 028
		1997.. N
	Connecticut .....	2002.. 36 477
		1997.. N
	New York .....	2002.. 135 934
		1997.. N
	Texas .....	2002.. 11 954
		1997.. N
	United States .....	2002.. 1 736 386
		1997.. N
	Colorado .....	2002.. 150 306
		1997.. N
	Connecticut .....	2002.. 6 071
	1997.. N	
Florida .....	2002.. 74 396	
	1997.. N	
Massachusetts .....	2002.. 19 435	
	1997.. N	
Michigan .....	2002.. 188 168	
	1997.. N	
Minnesota .....	2002.. 65 173	
	1997.. N	
New Jersey .....	2002.. 447 250	
	1997.. N	
New York .....	2002.. 18 600	
	1997.. N	
Ohio .....	2002.. 108 761	
	1997.. N	
Oregon .....	2002.. 48 221	
	1997.. N	
Pennsylvania .....	2002.. 5 022	
	1997.. N	
Texas .....	2002.. 151 103	
	1997.. N	
Washington .....	2002.. 31 994	
	1997.. N	
Washington .....	2002.. 70 067	
	1997.. N	
3345195	Nuclear radiation detection and monitoring instruments	
	United States .....	2002.. 537 392
		1997.. 502 142
	California .....	2002.. 50 080
		1997.. 40 214
	Colorado .....	2002.. 8 456
		1997.. N
	New Jersey .....	2002.. 5 803
		1997.. N
	New York .....	2002.. 39 669
	1997.. 21 736	
Ohio .....	2002.. 156 930	
	1997.. 114 951	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3345197	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers	
	United States .....	2002.. 1 416 410
		1997.. 1 543 851
	California .....	2002.. 285 545
		1997.. 426 766
	Colorado .....	2002.. 12 982
		1997.. 16 548
	Florida .....	2002.. 95 393
		1997.. 71 148
	Massachusetts .....	2002.. 67 094
		1997.. 74 840
	New Hampshire .....	2002.. 11 971
		1997.. N
	New Jersey .....	2002.. 7 509
	1997.. 20 237	
Pennsylvania .....	2002.. 41 563	
	1997.. 46 093	
Texas .....	2002.. 323 957	
	1997.. 298 668	
3345199	Survey and drafting instruments and apparatus, including photogrammetric equipment	
	United States .....	2002.. 237 744
		1997.. 344 853
	California .....	2002.. 96 698
		1997.. 133 414
3346110	Software reproducing	
	United States .....	2002.. 636 073
		1997.. 1 350 212
	California .....	2002.. 176 626
		1997.. N
	Colorado .....	2002.. 21 497
		1997.. N
	Florida .....	2002.. 3 007
		1997.. N
	Georgia .....	2002.. 5 299
		1997.. N
	Illinois .....	2002.. 4 855
		1997.. N
	Iowa .....	2002.. 2 086
		1997.. N
	Massachusetts .....	2002.. 42 278
		1997.. N
	Michigan .....	2002.. 11 667
		1997.. N
	Minnesota .....	2002.. 18 111
		1997.. N
	Nebraska .....	2002.. 5 389
		1997.. N
	New Jersey .....	2002.. 29 810
		1997.. N
	New York .....	2002.. 14 485
		1997.. N
	Ohio .....	2002.. 8 005
		1997.. N
Pennsylvania .....	2002.. 24 270	
	1997.. N	
Texas .....	2002.. 99 736	
	1997.. N	
Utah .....	2002.. 14 377	
	1997.. N	
Washington .....	2002.. 6 567	
	1997.. N	
3346120	Reproduction of recording media	
	United States .....	2002.. 4 248 930
		1997.. 3 702 377
	Arizona .....	2002.. 21 891
		1997.. N
	California .....	2002.. 787 095
		1997.. N
	Colorado .....	2002.. 15 885
		1997.. N
	Florida .....	2002.. 56 962
		1997.. N
	Georgia .....	2002.. 36 676
		1997.. N
	Idaho .....	2002.. 3 872
		1997.. N
	Illinois .....	2002.. 301 185
		1997.. N
	Indiana .....	2002.. 272 723
		1997.. N
	Maine .....	2002.. 8 613
		1997.. N
	Maryland .....	2002.. 44 880
		1997.. N
	Massachusetts .....	2002.. 79 695
		1997.. N
	Minnesota .....	2002.. 81 934
		1997.. N
	Missouri .....	2002.. 12 629
		1997.. N
	New Jersey .....	2002.. 141 298
		1997.. N
	New York .....	2002.. 188 696
	1997.. N	
North Carolina .....	2002.. 255 077	
	1997.. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3346120	Reproduction of recording media—Con.	
	Ohio ..... 2002 ..	63 250
	..... 1997 ..	N
	Oregon ..... 2002 ..	58 728
	..... 1997 ..	N
	Tennessee ..... 2002 ..	40 117
	..... 1997 ..	N
	Texas ..... 2002 ..	131 911
	..... 1997 ..	N
	Utah ..... 2002 ..	32 015
	..... 1997 ..	N
	Washington ..... 2002 ..	23 678
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	30 794
	..... 1997 ..	N
3346130	Magnetic and optical recording media	
	United States ..... 2002 ..	2 564 267
	..... 1997 ..	5 913 679
	California ..... 2002 ..	893 186
	..... 1997 ..	N
	Colorado ..... 2002 ..	74 845
	..... 1997 ..	N
	Florida ..... 2002 ..	15 006
	..... 1997 ..	N
	Maryland ..... 2002 ..	2 046
	..... 1997 ..	N
	New Hampshire ..... 2002 ..	8 120
	..... 1997 ..	N
	New Jersey ..... 2002 ..	8 727
	..... 1997 ..	N
	New York ..... 2002 ..	78 754
	..... 1997 ..	N
	Pennsylvania ..... 2002 ..	9 902
	..... 1997 ..	N
	Utah ..... 2002 ..	8 716
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	5 092
	..... 1997 ..	N
3351101	Electric lamp bulbs and tubes (including sealed beam lamp bulbs)	
	United States ..... 2002 ..	2 155 760
	..... 1997 ..	2 868 070
	California ..... 2002 ..	27 166
	..... 1997 ..	39 695
	Connecticut ..... 2002 ..	64 374
	..... 1997 ..	N
	Illinois ..... 2002 ..	58 471
	..... 1997 ..	N
3351103	Electric lamp (bulbs and tubes) components (including bases, supports, lead-ins, filaments, etc.), except lamp bulb blanks	
	United States ..... 2002 ..	319 360
	..... 1997 ..	294 136
	California ..... 2002 ..	2 869
	..... 1997 ..	N
3351211	Residential-type electric lighting fixtures (except portable), including parts and accessories	
	United States ..... 2002 ..	1 251 934
	..... 1997 ..	1 182 877
	California ..... 2002 ..	113 900
	..... 1997 ..	170 730
	Florida ..... 2002 ..	18 008
	..... 1997 ..	4 443
	Illinois ..... 2002 ..	337 778
	..... 1997 ..	303 615
	Massachusetts ..... 2002 ..	16 597
	..... 1997 ..	18 897
	New Jersey ..... 2002 ..	60 936
	..... 1997 ..	64 441
	New York ..... 2002 ..	54 217
	..... 1997 ..	53 465
	North Carolina ..... 2002 ..	31 414
	..... 1997 ..	2 385
	Ohio ..... 2002 ..	160 851
	..... 1997 ..	98 573
	Pennsylvania ..... 2002 ..	155 991
	..... 1997 ..	151 246
	Texas ..... 2002 ..	28 735
	..... 1997 ..	38 206
3351214	Residential-type portable lighting fixtures, including parts and accessories	
	United States ..... 2002 ..	623 196
	..... 1997 ..	N
	California ..... 2002 ..	79 400
	..... 1997 ..	N
	Florida ..... 2002 ..	67 138
	..... 1997 ..	N
	Illinois ..... 2002 ..	85 130
	..... 1997 ..	N
	Massachusetts ..... 2002 ..	7 796
	..... 1997 ..	N
	Michigan ..... 2002 ..	4 550
	..... 1997 ..	N
	New Jersey ..... 2002 ..	16 329
	..... 1997 ..	N
	New York ..... 2002 ..	134 034
	..... 1997 ..	N

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3351214	Residential-type portable lighting fixtures, including parts and accessories—Con.	
	North Carolina .....	2002.. 43 527
		1997.. N
	Ohio .....	2002.. 17 217
		1997.. N
	Pennsylvania .....	2002.. 41 158
		1997.. N
	Texas .....	2002.. 14 099
		1997.. N
3351221	Commercial and institutional-type electric lighting fixtures, including parts and accessories	
	United States .....	2002.. 2 640 366
		1997.. 3 295 582
	California .....	2002.. 331 148
		1997.. 456 726
	Illinois .....	2002.. 145 260
		1997.. 349 386
	Missouri .....	2002.. 64 667
		1997.. 76 852
	New Jersey .....	2002.. 175 115
		1997.. 196 264
	New York .....	2002.. 150 260
		1997.. 219 482
	North Carolina .....	2002.. 5 045
		1997.. 30 246
	Ohio .....	2002.. 113 174
		1997.. 114 166
	Pennsylvania .....	2002.. 278 248
		1997.. 176 912
	Tennessee .....	2002.. 126 392
		1997.. 161 875
	Texas .....	2002.. 99 456
		1997.. 93 489
	Wisconsin .....	2002.. 94 239
		1997.. 76 164
3351222	Industrial-type electric lighting fixtures, including parts and accessories	
	United States .....	2002.. 1 132 034
		1997.. 788 249
	California .....	2002.. 69 138
		1997.. 28 918
	Illinois .....	2002.. 30 874
		1997.. 9 085
	Missouri .....	2002.. 27 094
		1997.. 14 477
	New Jersey .....	2002.. 35 629
		1997.. 26 571
	New York .....	2002.. 85 226
		1997.. 64 842
	Ohio .....	2002.. 49 380
		1997.. N
	Pennsylvania .....	2002.. 26 475
		1997.. 24 237
	Tennessee .....	2002.. 24 121
		1997.. 25 903
	Texas .....	2002.. 12 140
		1997.. 26 639
	Wisconsin .....	2002.. 46 921
		1997.. 26 876
3351291	Outdoor lighting equipment (including parts and accessories)	
	United States .....	2002.. 1 885 794
		1997.. 1 691 291
	California .....	2002.. 414 397
		1997.. 233 143
	Florida .....	2002.. 14 369
		1997.. N
	New York .....	2002.. 27 664
		1997.. 18 130
	Ohio .....	2002.. 222 816
		1997.. 269 023
	Pennsylvania .....	2002.. 42 997
		1997.. 34 343
	Texas .....	2002.. 122 406
		1997.. 123 447
	Wisconsin .....	2002.. 66 432
		1997.. N
3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories	
	United States .....	2002.. 1 555 007
		1997.. N
	California .....	2002.. 429 126
		1997.. N
	Florida .....	2002.. 27 367
		1997.. N
	New York .....	2002.. 96 113
		1997.. N
	Ohio .....	2002.. 29 000
		1997.. N
	Pennsylvania .....	2002.. 84 601
		1997.. N
	Texas .....	2002.. 36 105
		1997.. N
	Wisconsin .....	2002.. 80 529
		1997.. N
3352111	Electric fans, except industrial type	
	United States .....	2002.. 614 029
		1997.. 874 427

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3352114	Small electric household appliances, except fans and wall and baseboard heating units for permanent installation	
	United States .....	2002 .. 1 309 978
	California .....	1997 .. N 2002 .. 9 923 1997 .. N
3352115	Parts and attachments for small household electric appliances	
	United States .....	2002 .. 70 880 1997 .. 120 636
3352121	Household vacuum cleaners, upright-stick type, including parts	
	United States .....	2002 .. D 1997 .. D
	Ohio .....	2002 .. 530 886 1997 .. 578 337
	Texas .....	2002 .. 653 249 1997 .. 433 156
	United States .....	2002 .. D 1997 .. D
3352211	Electric (including microwave) household ranges, ovens, surface cooking units, and equipment	
	United States .....	2002 .. 1 927 586 1997 .. 1 829 108
	Tennessee .....	2002 .. 700 973 1997 .. 584 203
3352213	Gas household ranges, ovens, surface cooking units, and equipment (including parts and accessories)	
	United States .....	2002 .. 997 912 1997 .. 868 329
3352215	Other household ranges and cooking equipment	
	United States .....	2002 .. 1 172 107 1997 .. 924 725
3352221	Household refrigerators, including combination refrigerator-freezers	
	United States .....	2002 .. 4 768 642 1997 .. 4 430 327
3352222	Household food freezers, complete units	
	United States .....	2002 .. D 1997 .. 330 920
3352223	Parts and attachments for household refrigerators and freezers	
	United States .....	2002 .. D 1997 .. 61 927
3352240	Household laundry equipment	
	United States .....	2002 .. 4 352 179 1997 .. 3 710 478
3352281	Household water heaters, electric, for permanent installation	
	United States .....	2002 .. 560 599 1997 .. 548 477
3352283	Household water heaters, except electric	
	United States .....	2002 .. 661 196 1997 .. 756 280
	Tennessee .....	2002 .. 267 003 1997 .. N
	United States .....	2002 .. 1 903 363 1997 .. 1 590 977
3353111	Power and distribution transformers, except parts	
	United States .....	2002 .. 2 276 686 1997 .. 2 220 179
	California .....	2002 .. 184 220 1997 .. 109 766
	Mississippi .....	2002 .. 469 782 1997 .. 423 558
	Virginia .....	2002 .. 252 166 1997 .. 223 078
	United States .....	2002 .. 284 817 1997 .. 511 903
	Indiana .....	2002 .. 19 797 1997 .. N
	United States .....	2002 .. 329 257 1997 .. 968 909
3353115	Fluorescent lamp ballasts	
	Illinois .....	2002 .. 72 832 1997 .. 179 410
	United States .....	2002 .. 329 257 1997 .. 968 909
3353117	Commercial, institutional, and industrial general-purpose transformers, all voltages	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3353117	Commercial, institutional, and industrial general-purpose transformers, all voltages—Con.	
	United States .....	2002 .. 263 434
		1997 .. 303 791
	Connecticut .....	2002 .. 12 215
		1997 .. N
3353119	Power regulators, boosters, and other transformers and parts for all transformers	
	United States .....	2002 .. 547 747
		1997 .. 514 466
3353121	Fractional horsepower motors (rated at less than 746 watts) (except hermetics)	
	United States .....	2002 .. 2 978 276
		1997 .. 5 178 561
	California .....	2002 .. 53 901
		1997 .. 86 802
	Connecticut .....	2002 .. 26 222
		1997 .. 101 651
	Illinois .....	2002 .. 160 252
		1997 .. 277 453
	Indiana .....	2002 .. 177 687
		1997 .. 245 133
	Minnesota .....	2002 .. 9 017
		1997 .. 40 425
	Missouri .....	2002 .. 342 074
		1997 .. 490 739
	New York .....	2002 .. 168 754
		1997 .. N
	Ohio .....	2002 .. 204 709
		1997 .. 238 945
	Pennsylvania .....	2002 .. 90 307
	1997 .. 133 371	
Tennessee .....	2002 .. 149 635	
	1997 .. 255 092	
Wisconsin .....	2002 .. 293 894	
	1997 .. 664 833	
3353123	Integral horsepower motors and generators other than for land transportation equipment (rated at 746 watts or more) (except hematics)	
	United States .....	2002 .. 1 639 960
		1997 .. 2 245 671
	California .....	2002 .. 37 449
		1997 .. 46 040
	Minnesota .....	2002 .. 78 139
		1997 .. 98 234
	New York .....	2002 .. 70 478
		1997 .. N
	Ohio .....	2002 .. 140 047
		1997 .. 262 149
	Oklahoma .....	2002 .. 24 638
		1997 .. N
Tennessee .....	2002 .. 22 908	
	1997 .. N	
Texas .....	2002 .. 178 483	
	1997 .. N	
3353125	Land transportation motors, generators, and control equipment (except parts)	
	United States .....	2002 .. 196 625
		1997 .. 332 612
3353127	Prime mover generator sets, except steam and hydraulic turbine	
	United States .....	2002 .. 1 378 351
		1997 .. 1 648 488
3353129	Fractional motor generator sets and other rotating equipment (including hermetics)	
	United States .....	2002 .. 771 285
		1997 .. 502 708
335312A	Integral motor generator sets and other rotating equipment (including hermetics)	
	United States .....	2002 .. 642 846
		1997 .. 618 360
	California .....	2002 .. 16 455
	1997 .. 69 412	
Tennessee .....	2002 .. 87 296	
	1997 .. 169 865	
Wisconsin .....	2002 .. 129 144	
	1997 .. 59 610	
335312C	Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs	
	United States .....	2002 .. 728 297
		1997 .. 679 835
	California .....	2002 .. 14 615
		1997 .. 10 390
	Illinois .....	2002 .. 9 044
		1997 .. 36 763
Indiana .....	2002 .. 29 459	
	1997 .. 6 768	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
335312C	Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs—Con.	
	New York .....	2002.. 2 828
	Ohio .....	1997.. 39 188
	Ohio .....	2002.. 93 711
	Oklahoma .....	1997.. 134 916
	Oklahoma .....	2002.. 27 600
	Pennsylvania .....	1997.. N
	Pennsylvania .....	2002.. 45 621
	South Carolina .....	1997.. 50 202
	South Carolina .....	2002.. 7 073
335312E	Armature rewinding on a factory basis	
	United States .....	2002.. 71 984
3353131	Power circuit breakers, all voltages	
	United States .....	1997.. 113 707
	United States .....	2002.. 695 604
	California .....	1997.. 532 302
	California .....	2002.. 34 198
	North Carolina .....	1997.. 19 622
	North Carolina .....	2002.. 29 595
3353133	Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less	
	United States .....	1997.. N
	United States .....	2002.. 15 414
	California .....	1997.. N
	California .....	2002.. 2 265 741
	Illinois .....	1997.. 2 331 111
	Illinois .....	2002.. 206 349
	Michigan .....	1997.. 159 677
	Michigan .....	2002.. 222 599
	Minnesota .....	1997.. 200 028
	Minnesota .....	2002.. 136 911
	New Jersey .....	1997.. 118 027
	New Jersey .....	2002.. 104 948
	New York .....	1997.. 69 399
	New York .....	2002.. 10 297
	Ohio .....	1997.. 45 466
	Ohio .....	2002.. 28 747
Pennsylvania .....	1997.. 27 055	
Pennsylvania .....	2002.. 52 258	
South Carolina .....	1997.. 121 434	
South Carolina .....	2002.. 16 322	
Texas .....	1997.. 24 367	
Texas .....	2002.. 200 477	
Washington .....	1997.. 188 447	
Washington .....	2002.. 235 392	
Washington .....	1997.. 205 946	
Washington .....	2002.. 11 769	
Washington .....	1997.. N	
3353135	Fuses and fuse equipment less than 2300 volts (except power distribution cut-outs)	
	United States .....	2002.. 475 349
3353137	Molded case circuit breakers, 1000 volts or less	
	United States .....	1997.. 562 221
3353139	Duct, including plug-in units and accessories, 1000 volts or less	
	United States .....	2002.. 209 795
335313A	Switchgear, except ducts and relays	
	United States .....	1997.. 291 157
	United States .....	2002.. 2 254 341
	California .....	1997.. 1 956 370
	California .....	2002.. 115 038
	Illinois .....	1997.. 86 496
	Illinois .....	2002.. 432 151
	Louisiana .....	1997.. 352 672
	Louisiana .....	2002.. 15 321
	Missouri .....	1997.. 7 988
	Missouri .....	2002.. 58 499
	New York .....	1997.. N
	New York .....	2002.. 47 815
	North Carolina .....	1997.. 23 751
North Carolina .....	2002.. 173 508	
Ohio .....	1997.. 73 570	
Ohio .....	2002.. 135 274	
Pennsylvania .....	1997.. 120 756	
Pennsylvania .....	2002.. 81 918	
Pennsylvania .....	1997.. 70 646	
3353141	Relays for electronic circuitry, industrial control overload, and switchgear type	
	United States .....	2002.. 719 129
	United States .....	1997.. 971 104
	California .....	2002.. 131 424
	California .....	1997.. 159 861
Connecticut .....	2002.. 3 274	
Connecticut .....	1997.. 13 236	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3353141	Relays for electronic circuitry, industrial control overload, and switchgear type—Con.	
	Florida .....	2002 .. 41 099
	.....	1997 .. 47 318
	Illinois .....	2002 .. 132 909
	.....	1997 .. 60 443
	Iowa .....	2002 .. 17 682
	.....	1997 .. N
	New Jersey .....	2002 .. 16 817
	.....	1997 .. 18 353
	New York .....	2002 .. 61 999
	.....	1997 .. 33 548
	Ohio .....	2002 .. 31 416
	.....	1997 .. 54 813
	Pennsylvania .....	2002 .. 12 528
.....	1997 .. 28 680	
Texas .....	2002 .. 10 045	
.....	1997 .. 48 333	
Wisconsin .....	2002 .. 48 736	
.....	1997 .. 68 296	
3353143	Specific-purpose industrial controls	
	United States .....	2002 .. 2 641 375
	.....	1997 .. 3 772 940
	California .....	2002 .. 169 671
	.....	1997 .. 245 052
	Colorado .....	2002 .. 56 559
	.....	1997 .. 8 958
	Illinois .....	2002 .. 265 494
	.....	1997 .. 300 587
	Indiana .....	2002 .. 2 430
	.....	1997 .. N
	Massachusetts .....	2002 .. 202 680
	.....	1997 .. 271 930
	Michigan .....	2002 .. 110 516
	.....	1997 .. 176 125
	Minnesota .....	2002 .. 83 952
	.....	1997 .. 60 304
	Missouri .....	2002 .. 14 347
	.....	1997 .. 20 354
	New Jersey .....	2002 .. 36 781
	.....	1997 .. 44 490
	Ohio .....	2002 .. 318 105
	.....	1997 .. 612 361
	Pennsylvania .....	2002 .. 187 034
.....	1997 .. 215 854	
South Carolina .....	2002 .. 6 713	
.....	1997 .. N	
Tennessee .....	2002 .. 13 370	
.....	1997 .. 18 497	
Texas .....	2002 .. 49 054	
.....	1997 .. 106 596	
Virginia .....	2002 .. 435 693	
.....	1997 .. 514 095	
Wisconsin .....	2002 .. 230 289	
.....	1997 .. 398 600	
3353146	General-purpose industrial controls	
	United States .....	2002 .. 3 779 667
	.....	1997 .. N
	California .....	2002 .. 156 544
	.....	1997 .. N
	Connecticut .....	2002 .. 63 123
	.....	1997 .. N
	Florida .....	2002 .. 95 312
	.....	1997 .. N
	Illinois .....	2002 .. 181 517
	.....	1997 .. N
	Indiana .....	2002 .. 32 678
	.....	1997 .. N
	Michigan .....	2002 .. 33 250
	.....	1997 .. N
	Minnesota .....	2002 .. 148 990
	.....	1997 .. N
	Missouri .....	2002 .. 4 511
	.....	1997 .. N
	New York .....	2002 .. 189 862
	.....	1997 .. N
	North Carolina .....	2002 .. 459 466
	.....	1997 .. N
	Ohio .....	2002 .. 262 491
.....	1997 .. N	
Pennsylvania .....	2002 .. 228 074	
.....	1997 .. N	
Texas .....	2002 .. 187 614	
.....	1997 .. N	
Washington .....	2002 .. 54 503	
.....	1997 .. N	
Wisconsin .....	2002 .. 886 805	
.....	1997 .. N	
3353147	Parts for industrial controls and motor-control accessories	
	United States .....	2002 .. 506 566
	.....	1997 .. 640 320
	California .....	2002 .. 33 558
	.....	1997 .. 30 981
	Illinois .....	2002 .. 15 647
	.....	1997 .. 33 514
	North Carolina .....	2002 .. 90 073
.....	1997 .. 92 253	
Ohio .....	2002 .. 5 238	
.....	1997 .. 88 249	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3353147	Parts for industrial controls and motor-control accessories—Con.		
	Pennsylvania .....	2002 .. 8 822	
	.....	1997 .. 23 308	
	South Carolina .....	2002 .. 31 978	
	.....	1997 .. N	
3359111	Storage batteries, lead acid type, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller)		
	United States .....	2002 .. 2 117 762	
	.....	1997 .. 2 857 009	
	California .....	2002 .. 282 513	
	.....	1997 .. 322 325	
3359114	Storage batteries, lead acid type, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m))		
	United States .....	2002 .. 884 684	
	.....	1997 .. 946 840	
	3359117	Storage batteries (except lead acid), including parts for all storage batteries	
		United States .....	2002 .. 262 935
.....		1997 .. 384 917	
3359120		Primary batteries	
		United States .....	2002 .. 2 860 187
	.....	1997 .. 2 494 671	
	Massachusetts .....	2002 .. 38 115	
	.....	1997 .. N	
3359210	Fiber optic cable		
	United States .....	2002 .. 1 450 302	
	.....	1997 .. 2 350 081	
	California .....	2002 .. 63 068	
	.....	1997 .. N	
	Florida .....	2002 .. 9 448	
	.....	1997 .. N	
	Maryland .....	2002 .. 33 798	
	.....	1997 .. N	
	Massachusetts .....	2002 .. 38 457	
	.....	1997 .. N	
	Minnesota .....	2002 .. 16 466	
	.....	1997 .. N	
	New Jersey .....	2002 .. 18 132	
	.....	1997 .. N	
	New York .....	2002 .. 38 604	
	.....	1997 .. N	
	North Carolina .....	2002 .. 500 621	
	.....	1997 .. N	
	Pennsylvania .....	2002 .. 8 843	
.....	1997 .. N		
South Carolina .....	2002 .. 151 255		
.....	1997 .. N		
Texas .....	2002 .. 9 640		
.....	1997 .. N		
Virginia .....	2002 .. 60 693		
.....	1997 .. N		
3359291	Power wire and cable, made from nonferrous metals (purchased wire)		
	United States .....	2002 .. 1 586 108	
	.....	1997 .. 1 597 305	
	Alabama .....	2002 .. 2 526	
	.....	1997 .. N	
	California .....	2002 .. 310 764	
	.....	1997 .. 129 003	
	Illinois .....	2002 .. 14 970	
	.....	1997 .. 89 146	
	Massachusetts .....	2002 .. 59 346	
	.....	1997 .. N	
	New Jersey .....	2002 .. 124 247	
	.....	1997 .. N	
New York .....	2002 .. 74 576		
.....	1997 .. 148 832		
335929A	Electronic wire and cable, made of nonferrous metals (purchased wire)		
	United States .....	2002 .. 2 615 444	
	.....	1997 .. 3 362 756	
	Arizona .....	2002 .. 12 801	
	.....	1997 .. 88 184	
	California .....	2002 .. 57 114	
	.....	1997 .. 180 320	
	Connecticut .....	2002 .. 136 899	
	.....	1997 .. 182 041	
	Florida .....	2002 .. 78 611	
	.....	1997 .. N	
	Illinois .....	2002 .. 67 844	
	.....	1997 .. 317 755	
	Indiana .....	2002 .. 239 399	
	.....	1997 .. N	
Massachusetts .....	2002 .. 313 778		
.....	1997 .. 372 386		
New Hampshire .....	2002 .. 39 026		
.....	1997 .. N		
New York .....	2002 .. 81 016		
.....	1997 .. 84 876		

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
335929A	Electronic wire and cable, made of nonferrous metals (purchased wire)—Con.	
	Ohio ..... 2002 ..	12 393
	..... 1997 ..	54 537
	Pennsylvania ..... 2002 ..	263 025
	..... 1997 ..	97 866
	Texas ..... 2002 ..	228 717
	..... 1997 ..	201 308
335929B	Telephone and telegraph wire and cable, made of nonferrous metals (purchased wire)	
	United States ..... 2002 ..	1 202 493
	..... 1997 ..	2 013 716
335929C	Control and signal wire and cable, made of nonferrous metals (purchased wire)	
	United States ..... 2002 ..	251 955
	..... 1997 ..	488 983
	California ..... 2002 ..	17 824
	..... 1997 ..	24 440
	Massachusetts ..... 2002 ..	66 870
	..... 1997 ..	20 878
335929D	Building wire and cable, made of nonferrous metals (purchased wire)	
	United States ..... 2002 ..	2 388 710
	..... 1997 ..	2 675 449
335929E	Other insulated wire and cable, including automotive, made of nonferrous metals (purchased wire)	
	United States ..... 2002 ..	615 943
	..... 1997 ..	1 237 837
	Connecticut ..... 2002 ..	12 481
	..... 1997 ..	25 862
	New York ..... 2002 ..	5 901
	..... 1997 ..	24 566
3359311	Current-carrying lampholders	
	United States ..... 2002 ..	110 599
	..... 1997 ..	194 736
3359313	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type)	
	United States ..... 2002 ..	365 296
	..... 1997 ..	460 810
3359315	Current-carrying switches for electrical circuitry (including vehicular switches)	
	United States ..... 2002 ..	1 752 294
	..... 1997 ..	1 900 735
	California ..... 2002 ..	96 149
	..... 1997 ..	115 847
	Illinois ..... 2002 ..	378 431
	..... 1997 ..	653 221
	Indiana ..... 2002 ..	7 178
	..... 1997 ..	69 264
	Michigan ..... 2002 ..	198 977
	..... 1997 ..	162 041
	Ohio ..... 2002 ..	166 889
	..... 1997 ..	N
	South Carolina ..... 2002 ..	7 957
	..... 1997 ..	N
	Texas ..... 2002 ..	14 578
	..... 1997 ..	54 887
	Wisconsin ..... 2002 ..	82 662
	..... 1997 ..	32 925
3359317	Current-carrying metal contacts, including precious metal	
	United States ..... 2002 ..	219 027
	..... 1997 ..	221 032
3359319	Current-carrying wire connectors for electrical circuitry	
	United States ..... 2002 ..	1 329 807
	..... 1997 ..	1 614 835
	California ..... 2002 ..	22 764
	..... 1997 ..	113 795
	Illinois ..... 2002 ..	97 709
	..... 1997 ..	98 531
	Massachusetts ..... 2002 ..	75 754
	..... 1997 ..	52 606
	New Jersey ..... 2002 ..	72 347
	..... 1997 ..	53 378
	Ohio ..... 2002 ..	146 671
	..... 1997 ..	100 392
335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	
	United States ..... 2002 ..	1 541 434
	..... 1997 ..	N
	California ..... 2002 ..	91 475
	..... 1997 ..	N
	Connecticut ..... 2002 ..	78 293
	..... 1997 ..	N
	Florida ..... 2002 ..	133 583
	..... 1997 ..	N
	Georgia ..... 2002 ..	34 103
	..... 1997 ..	N
	Illinois ..... 2002 ..	123 251
	..... 1997 ..	N
	Indiana ..... 2002 ..	92 318
	..... 1997 ..	N

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)—Con.	
	Minnesota ..... 2002..	58 341
	..... 1997..	N
	Missouri ..... 2002..	108 802
	..... 1997..	N
	New Jersey ..... 2002..	64 073
	..... 1997..	N
	North Carolina ..... 2002..	197 055
	..... 1997..	N
	Ohio ..... 2002..	49 898
	..... 1997..	N
	Pennsylvania ..... 2002..	21 655
	..... 1997..	N
3359321	Noncurrent-carrying pole and transmission line hardware	
	United States ..... 2002..	626 212
	..... 1997..	857 666
	Tennessee ..... 2002..	38 780
	..... 1997..	31 364
3359323	Noncurrent-carrying electrical conduit and conduit fittings, including plastics conduit and conduit fittings	
	United States ..... 2002..	1 733 647
	..... 1997..	2 057 217
	..... N	
	North Carolina ..... 2002..	40 510
	..... 1997..	5 027
	Ohio ..... 2002..	131 551
	..... 1997..	114 010
3359326	Other noncurrent-carrying wiring devices and supplies (boxes, covers, bar hangers, etc.)	
	United States ..... 2002..	955 167
	..... 1997..	N
	California ..... 2002..	36 158
	..... 1997..	N
	Illinois ..... 2002..	192 784
	..... 1997..	N
3359911	Carbon and graphite electrodes for electric furnaces and electrolytic cell use	
	United States ..... 2002..	741 843
	..... 1997..	1 032 727
	Ohio ..... 2002..	27 740
	..... 1997..	21 550
	Pennsylvania ..... 2002..	85 745
	..... 1997..	N
3359913	All other carbon and graphite products	
	United States ..... 2002..	810 221
	..... 1997..	1 092 155
	California ..... 2002..	86 433
	..... 1997..	107 884
	Ohio ..... 2002..	34 356
	..... 1997..	101 259
	Pennsylvania ..... 2002..	173 540
	..... 1997..	235 546
	Wisconsin ..... 2002..	52 305
	..... 1997..	N
3359991	Capacitors, industrial use (except for electronic circuitry)	
	United States ..... 2002..	318 913
	..... 1997..	299 541
3359993	Rectifying apparatus	
	United States ..... 2002..	1 592 904
	..... 1997..	1 790 911
	California ..... 2002..	362 293
	..... 1997..	378 725
	Connecticut ..... 2002..	24 350
	..... 1997..	43 514
	Florida ..... 2002..	55 373
	..... 1997..	N
	Illinois ..... 2002..	95 153
	..... 1997..	249 389
	Massachusetts ..... 2002..	187 440
	..... 1997..	212 000
	Michigan ..... 2002..	6 696
	..... 1997..	N
	Minnesota ..... 2002..	111 839
	..... 1997..	64 535
	New Jersey ..... 2002..	62 296
	..... 1997..	42 269
	New York ..... 2002..	58 027
	..... 1997..	92 908
	Ohio ..... 2002..	46 164
	..... 1997..	183 619
	Pennsylvania ..... 2002..	14 959
	..... 1997..	N
	Texas ..... 2002..	42 890
	..... 1997..	65 394
	Wisconsin ..... 2002..	19 568
	..... 1997..	19 616

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3359996	Other electrical equipment, industrial use (except for electronic circuitry)	
	United States .....	2002 .. 509 693
	California .....	1997 .. N
	Illinois .....	2002 .. 32 576
	Indiana .....	1997 .. N
	Michigan .....	2002 .. 65 820
	New York .....	1997 .. N
	Ohio .....	2002 .. 24 271
	Ohio .....	1997 .. N
	Ohio .....	2002 .. 15 013
3359997	Laser generator power supplies and components	
	United States .....	2002 .. 937 513
	California .....	1997 .. 1 076 329
	Florida .....	2002 .. 701 162
3359999	Laser systems and equipment, all other types	
	United States .....	2002 .. 129 984
	United States .....	1997 .. 145 221
335999A	Ultrasonic equipment, except medical and dental	
	United States .....	2002 .. 206 199
335999B	Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made from purchased insulated wire	
	United States .....	2002 .. 380 353
	Illinois .....	1997 .. 348 154
335999E	All other miscellaneous electrical equipment and components (except for industrial use)	
	United States .....	2002 .. 164 957
	California .....	1997 .. N
	Florida .....	2002 .. 29 602
335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers)	
	United States .....	2002 .. 1 606 592
	California .....	1997 .. N
	Illinois .....	2002 .. 193 677
	New York .....	1997 .. N
	Pennsylvania .....	2002 .. 23 702
	Texas .....	1997 .. N
3361110	Automobile manufacturing	
	United States .....	2002 .. 85 902 361
	Florida .....	1997 .. 93 215 637
	Illinois .....	2002 .. 14 652
	Iowa .....	1997 .. N
	Michigan .....	2002 .. 8 038 671
	Missouri .....	1997 .. N
	New Jersey .....	2002 .. 6 224
	North Carolina .....	1997 .. N
	Oregon .....	2002 .. 33 968 199
	Washington .....	1997 .. N
	Wisconsin .....	2002 .. 75 355
	Wisconsin .....	1997 .. N
	Wisconsin .....	2002 .. 12 544
	Wisconsin .....	1997 .. N
	3361120	Light truck and utility vehicle manufacturing
United States .....		2002 .. 134 672 974
Illinois .....		1997 .. 107 172 812
Indiana .....		2002 .. 43 844
Michigan .....		1997 .. N
Michigan .....		2002 .. 11 170 796
Michigan .....	1997 .. N	
Michigan .....	2002 .. 22 562 683	
Michigan .....	1997 .. N	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3361120	Light truck and utility vehicle manufacturing—Con.	
	Missouri ..... 2002 ..	20 621 170
	..... 1997 ..	N
	North Carolina ..... 2002 ..	22 162
	..... 1997 ..	N
	Ohio ..... 2002 ..	16 791 577
	..... 1997 ..	N
3361201	Trucks, truck tractors, and bus chassis (chassis of own manufacture), 14,001 to 33,000 lb	
	United States ..... 2002 ..	3 400 995
	..... 1997 ..	4 158 870
3361202	Trucks, truck tractors, and bus chassis (chassis of own manufacture), 33,001 lb or more	
	United States ..... 2002 ..	10 059 669
	..... 1997 ..	11 167 520
3361203	Buses (chassis of own manufacture), including military and firefighting vehicles	
	United States ..... 2002 ..	2 413 770
	..... 1997 ..	1 449 208
3362112	Bus bodies and truck cabs, sold separately	
	United States ..... 2002 ..	1 408 027
	..... 1997 ..	N
	California ..... 2002 ..	14 910
	..... 1997 ..	N
	Illinois ..... 2002 ..	39 182
	..... 1997 ..	N
	Indiana ..... 2002 ..	112 378
	..... 1997 ..	N
	New York ..... 2002 ..	96 018
	..... 1997 ..	N
	Ohio ..... 2002 ..	203 972
	..... 1997 ..	N
3362114	Van bodies, sold separately	
	United States ..... 2002 ..	433 591
	..... 1997 ..	N
	California ..... 2002 ..	13 816
	..... 1997 ..	N
	Indiana ..... 2002 ..	84 442
	..... 1997 ..	N
	Wisconsin ..... 2002 ..	79 468
	..... 1997 ..	N
3362115	Other truck and vehicle bodies (including dump truck lifting mechanisms and kit cars), sold separately, nsk	
	United States ..... 2002 ..	1 961 882
	..... 1997 ..	N
	Arizona ..... 2002 ..	35 835
	..... 1997 ..	N
	Arkansas ..... 2002 ..	15 881
	..... 1997 ..	N
	California ..... 2002 ..	96 842
	..... 1997 ..	N
	Georgia ..... 2002 ..	6 212
	..... 1997 ..	N
	Indiana ..... 2002 ..	13 844
	..... 1997 ..	N
	Missouri ..... 2002 ..	14 638
	..... 1997 ..	N
	New Jersey ..... 2002 ..	13 035
	..... 1997 ..	N
	New York ..... 2002 ..	24 876
	..... 1997 ..	N
	Oklahoma ..... 2002 ..	36 683
	..... 1997 ..	N
	Pennsylvania ..... 2002 ..	122 391
	..... 1997 ..	N
	Virginia ..... 2002 ..	11 186
	..... 1997 ..	N
	West Virginia ..... 2002 ..	16 546
	..... 1997 ..	N
3362117	Buses and firefighting vehicles, complete, produced on purchased chassis	
	United States ..... 2002 ..	1 669 285
	..... 1997 ..	N
	California ..... 2002 ..	24 521
	..... 1997 ..	N
	Indiana ..... 2002 ..	140 784
	..... 1997 ..	N
	Kansas ..... 2002 ..	137 919
	..... 1997 ..	N
	New York ..... 2002 ..	27 348
	..... 1997 ..	N
	Pennsylvania ..... 2002 ..	103 577
	..... 1997 ..	N
3362119	Trucks and vehicles, other types, complete, produced on purchased chassis	
	United States ..... 2002 ..	1 496 372
	..... 1997 ..	N
	California ..... 2002 ..	125 073
	..... 1997 ..	N
	Florida ..... 2002 ..	11 659
	..... 1997 ..	N
	Indiana ..... 2002 ..	370 984
	..... 1997 ..	N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3362119	Trucks and vehicles, other types, complete, produced on purchased chassis—Con.	
	Iowa .....	2002.. 62 314
	.....	1997.. N
	Michigan .....	2002.. 57 682
	.....	1997.. N
	Minnesota .....	2002.. 164 959
	.....	1997.. N
	Ohio .....	2002.. 104 753
	.....	1997.. N
	Pennsylvania .....	2002.. 116 563
.....	1997.. N	
Texas .....	2002.. 116 279	
.....	1997.. N	
Washington .....	2002.. 14 637	
.....	1997.. N	
Wisconsin .....	2002.. 39 871	
.....	1997.. N	
3362121	Truck trailers and chassis, axle rating 10,000 lb or more	
	United States .....	2002.. 3 410 404
	.....	1997.. 4 709 142
	Alabama .....	2002.. 149 285
	.....	1997.. 284 928
	Arkansas .....	2002.. 166 524
	.....	1997.. 159 024
	Colorado .....	2002.. 29 566
	.....	1997.. 52 386
	Massachusetts .....	2002.. 30 601
	.....	1997.. N
	Minnesota .....	2002.. 66 812
	.....	1997.. N
	Mississippi .....	2002.. 61 961
	.....	1997.. N
	Missouri .....	2002.. 65 544
	.....	1997.. 83 201
Pennsylvania .....	2002.. 97 256	
.....	1997.. 208 513	
South Dakota .....	2002.. 81 979	
.....	1997.. 119 834	
Texas .....	2002.. 155 177	
.....	1997.. 213 818	
Washington .....	2002.. 15 655	
.....	1997.. 35 949	
3362123	Truck trailers and chassis, axle rating less than 10,000 lb	
	United States .....	2002.. 186 775
	.....	1997.. 271 283
	Alabama .....	2002.. 14 629
	.....	1997.. 13 224
	Minnesota .....	2002.. 2 930
	.....	1997.. N
	Pennsylvania .....	2002.. 65 169
	.....	1997.. N
	South Dakota .....	2002.. 20 231
.....	1997.. 22 080	
Texas .....	2002.. 18 550	
.....	1997.. 73 494	
3362130	Motor homes, produced on purchased chassis	
	United States .....	2002.. 5 303 438
	.....	1997.. 3 535 212
	California .....	2002.. 568 104
	.....	1997.. N
	Indiana .....	2002.. 2 550 876
.....	1997.. N	
New York .....	2002.. 3 052	
.....	1997.. N	
Oregon .....	2002.. 699 226	
.....	1997.. N	
3362141	Travel trailers	
	United States .....	2002.. 3 432 267
	.....	1997.. 2 133 129
	California .....	2002.. 343 218
	.....	1997.. 217 156
	Indiana .....	2002.. 2 114 394
	.....	1997.. 1 144 426
	Kansas .....	2002.. 70 217
	.....	1997.. 116 388
	Ohio .....	2002.. 61 477
	.....	1997.. 61 071
Oregon .....	2002.. 279 111	
.....	1997.. 156 621	
Pennsylvania .....	2002.. 90 964	
.....	1997.. 52 534	
Texas .....	2002.. 113 562	
.....	1997.. 86 528	
3362143	Trailers, automobile and light truck	
	United States .....	2002.. 1 769 468
	.....	1997.. 1 424 344
	Arizona .....	2002.. 11 329
	.....	1997.. 7 104
	Arkansas .....	2002.. 31 146
	.....	1997.. 26 666
California .....	2002.. 91 752	
.....	1997.. 90 610	
Florida .....	2002.. 79 371	
.....	1997.. 62 191	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3362143	Trailers, automobile and light truck—Con.		
	Indiana .....	2002.. 234 309	
	.....	1997.. 138 069	
	Minnesota .....	2002.. 20 438	
	.....	1997.. 15 932	
	Mississippi .....	2002.. 10 348	
	.....	1997.. 7 942	
	Oregon .....	2002.. 13 752	
	.....	1997.. 6 163	
	Texas .....	2002.. 207 223	
	.....	1997.. 150 442	
	Wisconsin .....	2002.. 62 352	
	.....	1997.. 68 492	
	3362145	Camping trailers, campers, and pickup covers (including parts)	
United States .....		2002.. 1 068 137	
.....		1997.. 852 400	
California .....		2002.. 182 604	
.....		1997.. 92 201	
Indiana .....		2002.. 289 041	
.....		1997.. 274 168	
Michigan .....		2002.. 95 786	
.....		1997.. 77 365	
Oregon .....		2002.. 82 027	
.....		1997.. 33 108	
Texas .....		2002.. 8 304	
.....		1997.. N	
Wisconsin .....		2002.. 7 164	
.....	1997.. N		
3363111	Carburetors, all types, new and rebuilt		
	United States .....	2002.. 395 966	
.....	1997.. 935 569		
3363113	Pistons, piston rings, and piston pins (engine)		
	United States .....	2002.. 1 411 813	
	.....	1997.. 1 029 243	
	California .....	2002.. 49 695	
.....	1997.. 22 025		
3363115	Valves, engine intake and exhaust		
	United States .....	2002.. 416 684	
.....	1997.. 418 319		
3363121	Gasoline engine and engine parts, motor vehicles, new		
	United States .....	2002.. 29 712 579	
	.....	1997.. 24 579 425	
	California .....	2002.. 303 281	
	.....	1997.. 264 225	
	Kentucky .....	2002.. 503 890	
	.....	1997.. N	
	Missouri .....	2002.. 6 108	
	.....	1997.. 23 812	
	South Carolina .....	2002.. 786 012	
	.....	1997.. 628 971	
	Tennessee .....	2002.. 331 398	
	.....	1997.. 416 024	
	3363123	Gasoline engines and engine parts, motor vehicles, rebuilt	
United States .....		2002.. 593 058	
.....		1997.. 420 049	
California .....		2002.. 21 059	
.....		1997.. 37 539	
Kentucky .....		2002.. 29 026	
.....		1997.. N	
Missouri .....		2002.. 46 039	
.....		1997.. N	
Tennessee .....		2002.. 23 231	
.....		1997.. 19 263	
3363210		Vehicular lighting equipment	
		United States .....	2002.. 2 670 886
		.....	1997.. 2 724 873
	California .....	2002.. 24 018	
	.....	1997.. N	
	Illinois .....	2002.. 415 250	
	.....	1997.. N	
	Indiana .....	2002.. 535 628	
	.....	1997.. N	
	Michigan .....	2002.. 184 793	
	.....	1997.. N	
	New Jersey .....	2002.. 15 386	
	.....	1997.. N	
	3363221	Ignition wiring harness and electrical cable sets	
United States .....		2002.. 1 072 283	
.....		1997.. 845 274	
Illinois .....		2002.. 46 822	
.....		1997.. 57 362	
North Carolina .....		2002.. 2 218	
.....		1997.. N	
Wisconsin .....		2002.. 6 081	
.....		1997.. 11 016	

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**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3363223	Alternators, generators, and regulators, battery charging	
	United States .....	2002.. 1 625 122
	California .....	1997.. 2 226 011
	Illinois .....	2002.. 167 920
	New York .....	1997.. 47 461
	Texas .....	2002.. 113 530
	Texas .....	1997.. 63 375
	Texas .....	2002.. 88 627
3363225	Cranking motors (starters)	
	United States .....	1997.. N
	California .....	2002.. 2 064 157
	Michigan .....	1997.. 759 716
	New York .....	2002.. 42 463
	Texas .....	1997.. 25 586
	Texas .....	2002.. 925 563
	Texas .....	1997.. N
3363227	Spark plugs, internal combustion engines	
	United States .....	2002.. 507 283
3363229	Electrical engine equipment, all other types, complete	
	United States .....	1997.. 522 346
	California .....	2002.. 4 732 683
	Florida .....	1997.. 3 163 388
	Michigan .....	2002.. 45 552
	Ohio .....	1997.. N
	Ohio .....	2002.. 69 516
	Ohio .....	1997.. N
336322A	Parts for electrical and electronic engine equipment	
	United States .....	2002.. 352 019
	Michigan .....	1997.. 446 452
336322D	Electrical and electronic equipment, motor vehicles	
	United States .....	2002.. 4 985
	Illinois .....	1997.. N
	Indiana .....	2002.. 6 225 496
	Michigan .....	1997.. N
	Missouri .....	2002.. 672 895
	Texas .....	1997.. N
	Texas .....	2002.. 1 315 611
3363301	Motor vehicle steering and suspension components, new	
	United States .....	1997.. N
	Indiana .....	2002.. 9 586 330
	Missouri .....	1997.. 2 097 429
	Ohio .....	2002.. 1 878 282
	Ohio .....	1997.. 173 812
	Ohio .....	2002.. 243 610
	Ohio .....	1997.. 1 737 547
3363303	Motor vehicle steering and suspension components, rebuilt	
	United States .....	1997.. 1 574 142
	Indiana .....	2002.. 77 503
	New York .....	1997.. N
	Ohio .....	2002.. 1 029 683
3363401	Motor vehicle brake parts and assemblies, new	
	United States .....	1997.. 874 422
	California .....	2002.. 11 888 669
	Kentucky .....	1997.. 9 833 732
	Michigan .....	2002.. 143 755
	Michigan .....	1997.. 69 746
	Michigan .....	2002.. 1 105 519
	Michigan .....	1997.. 768 333
	2002.. 2 945 825	
	1997.. 2 851 622	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3363401	Motor vehicle brake parts and assemblies, new—Con.	
	Missouri .....	2002.. 318 643
	.....	1997.. 253 650
	South Carolina .....	2002.. 987 694
.....	1997.. N	
3363403	Motor vehicle brake parts and assemblies, rebuilt	
	United States .....	2002.. 407 363
	.....	1997.. 464 353
	California .....	2002.. 52 402
	.....	1997.. N
	Kentucky .....	2002.. 54 256
	.....	1997.. 24 721
	Michigan .....	2002.. 4 334
.....	1997.. N	
3363501	Motor vehicle drive train components, new	
	United States .....	2002.. 34 195 727
	.....	1997.. 29 758 088
	California .....	2002.. 81 579
	.....	1997.. 123 485
	Florida .....	2002.. 7 566
	.....	1997.. 9 000
	Illinois .....	2002.. 573 303
	.....	1997.. 347 365
	Indiana .....	2002.. 6 957 701
	.....	1997.. 6 150 958
	Massachusetts .....	2002.. 7 520
	.....	1997.. N
	Michigan .....	2002.. 11 161 785
.....	1997.. 9 942 349	
Tennessee .....	2002.. 347 562	
.....	1997.. 450 794	
Virginia .....	2002.. 761 882	
.....	1997.. N	
3363503	Motor vehicle drive train components, rebuilt	
	United States .....	2002.. 945 328
	.....	1997.. 529 550
	California .....	2002.. 130 452
	.....	1997.. 28 024
	Indiana .....	2002.. 124 435
.....	1997.. N	
Michigan .....	2002.. 77 926	
.....	1997.. 50 193	
3363601	Automobile trimmings	
	United States .....	2002.. 4 026 002
	.....	1997.. 4 063 088
	California .....	2002.. 106 676
	.....	1997.. 56 822
	Michigan .....	2002.. 2 133 552
	.....	1997.. 2 776 088
	North Carolina .....	2002.. 59 055
.....	1997.. N	
Ohio .....	2002.. 739 529	
.....	1997.. 632 080	
3363602	Fabricated seat and safety belts, including shoulder harnesses (except leather)	
	United States .....	2002.. 624 883
	.....	1997.. 614 974
	Indiana .....	2002.. 317 416
.....	1997.. N	
3363603	Seats, public conveyance and aircraft	
	United States .....	2002.. 9 486 352
	.....	1997.. 6 958 943
	California .....	2002.. 249 602
	.....	1997.. 204 966
	Indiana .....	2002.. 413 611
	.....	1997.. 500 896
	Michigan .....	2002.. 2 306 215
	.....	1997.. 1 769 798
	Ohio .....	2002.. 803 602
	.....	1997.. 724 930
	Tennessee .....	2002.. 329 750
.....	1997.. N	
Wisconsin .....	2002.. 605 004	
.....	1997.. 365 532	
3363605	Fabricated automobile covers, seat and tire	
	United States .....	2002.. 614 987
	.....	1997.. N
	Ohio .....	2002.. 47 874
.....	1997.. N	
3363607	Motor vehicle seat frames, metal	
	United States .....	2002.. 1 210 746
	.....	1997.. N
	California .....	2002.. 18 948
.....	1997.. N	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3363700	Automotive job stampings (truck, bus, and passenger car)	
	United States .....	2002.. 24 793 466
	1997..	22 678 869
	Alabama .....	2002.. 135 567
	1997..	N
	Arizona .....	2002.. 32 150
	1997..	N
	California .....	2002.. 228 407
	1997..	N
	Colorado .....	2002.. 8 806
	1997..	N
	Connecticut .....	2002.. 74 978
	1997..	N
	Florida .....	2002.. 87 084
	1997..	N
	Georgia .....	2002.. 184 150
	1997..	N
	Illinois .....	2002.. 1 262 919
	1997..	N
	Indiana .....	2002.. 2 088 750
	1997..	N
	Kentucky .....	2002.. 1 123 744
	1997..	N
	Massachusetts .....	2002.. 50 207
	1997..	N
	Michigan .....	2002.. 10 314 892
	1997..	N
	Mississippi .....	2002.. 10 212
	1997..	N
	Missouri .....	2002.. 129 080
1997..	N	
New Jersey .....	2002.. 12 372	
1997..	N	
North Carolina .....	2002.. 34 306	
1997..	N	
Ohio .....	2002.. 6 048 231	
1997..	N	
Oregon .....	2002.. 6 532	
1997..	N	
Pennsylvania .....	2002.. 278 537	
1997..	N	
South Carolina .....	2002.. 315 992	
1997..	N	
Tennessee .....	2002.. 583 261	
1997..	N	
Texas .....	2002.. 89 150	
1997..	N	
Wisconsin .....	2002.. 186 330	
1997..	N	
3363917	Motor vehicle air-conditioning systems, mechanical	
	United States .....	2002.. 3 153 303
	1997..	2 266 279
Texas .....	2002.. 92 160	
	1997.. 61 200	
336391B	Automotive air-conditioning compressors (open-type, with or without motor)	
	United States .....	2002.. 1 760 804
	1997..	1 937 805
Texas .....	2002.. 392 600	
	1997.. N	
3363991	Filters, new, internal combustion engines and motor vehicles	
	United States .....	2002.. 2 918 741
	1997..	2 463 396
	California .....	2002.. 205 505
	1997..	107 005
	Iowa .....	2002.. 287 666
	1997..	298 654
	Michigan .....	2002.. 93 204
	1997..	130 958
North Carolina .....	2002.. 643 082	
1997..	N	
Ohio .....	2002.. 175 194	
	1997.. 180 419	
3363993	Exhaust system parts, new	
	United States .....	2002.. 7 230 999
	1997..	5 035 692
	California .....	2002.. 370 591
	1997..	255 538
	Indiana .....	2002.. 1 178 677
	1997..	856 203
	Michigan .....	2002.. 1 746 600
1997..	796 449	
Ohio .....	2002.. 650 446	
	1997.. 421 343	
Tennessee .....	2002.. 374 627	
	1997.. 308 602	
3363995	Motor vehicle wheels, new	
	United States .....	2002.. 2 674 942
	1997..	3 439 804
	California .....	2002.. 849 816
	1997..	803 095
Kentucky .....	2002.. 365 892	
	1997.. 469 899	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3363996	Trailer hitches (including travel, automobile, and light duty truck)		
	United States .....	2002.. 366 636	
	California .....	1997.. N 2002.. 65 103 1997.. N	
3363998	All other motor vehicle parts and accessories, new and rebuilt		
	United States .....	2002.. 21 519 009	
	California .....	1997.. N 2002.. 620 761 1997.. N	
	Colorado .....	2002.. 182 756 1997.. N	
	Florida .....	2002.. 151 481 1997.. N	
	Georgia .....	2002.. 538 167 1997.. N	
	Indiana .....	2002.. 1 962 163 1997.. N	
	Iowa .....	2002.. 140 231 1997.. N	
	Kentucky .....	2002.. 1 254 867 1997.. N	
	Maryland .....	2002.. 35 454 1997.. N	
	Michigan .....	2002.. 5 086 451 1997.. N	
	Missouri .....	2002.. 638 427 1997.. N	
	Ohio .....	2002.. 2 029 746 1997.. N	
	Tennessee .....	2002.. 1 860 681 1997.. N	
	Wisconsin .....	2002.. 392 504 1997.. N	
	3364112	Aircraft, military (including U.S. military and aircraft built to military specifications)	
		United States .....	2002.. 14 395 959
California .....		1997.. N 2002.. 3 187 044 1997.. N	
3364113	Aircraft, civilian		
	United States .....	2002.. 35 432 149	
	Kansas .....	1997.. 30 690 008 2002.. 5 151 802 1997.. 3 015 425	
3364115	Modification, conversion, and overhaul of previously accepted aircraft		
	United States .....	2002.. 6 162 278	
	Alabama .....	1997.. 5 084 547 2002.. 245 052	
	Arkansas .....	1997.. 195 181 2002.. 161 154	
	California .....	1997.. N 2002.. 1 340 176 1997.. N	
	Kansas .....	2002.. 868 403 1997.. N	
	Wisconsin .....	2002.. 5 640 1997.. N	
	3364117	All other aeronautical services on complete aircraft	
United States .....		2002.. 4 853 434	
Texas .....		1997.. 3 413 659 2002.. 1 889 943 1997.. 684 666	
3364121	Aircraft engines, military (including engines built to military specifications)		
	United States .....	2002.. 1 796 734 1997.. 1 714 270	
3364123	Aircraft engines, civilian		
	United States .....	2002.. 5 878 030	
	California .....	1997.. 5 372 076 2002.. 109 586 1997.. 57 632	
3364125	Aeronautical services on aircraft engines		
	United States .....	2002.. 3 412 413 1997.. 3 220 840	
3364127	Aircraft engine parts and accessories		
	United States .....	2002.. 9 122 479	
	California .....	1997.. 9 355 897 2002.. 420 299 1997.. 654 473	
	Connecticut .....	2002.. 1 105 419 1997.. 1 479 535	
	Florida .....	2002.. 143 180 1997.. 823 570	
	Michigan .....	2002.. 272 448 1997.. 234 337	
	New York .....	2002.. 258 319 1997.. 287 550	

See footnotes at end of table.



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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3364127	Aircraft engine parts and accessories—Con.	
	Oklahoma .....	2002 .. 59 098
	.....	1997 .. 111 753
	Pennsylvania .....	2002 .. 134 428
	.....	1997 .. 185 737
Texas .....	2002 .. 147 082	
	1997 .. 147 936	
3364131	Aircraft propellers and helicopter rotors	
	United States .....	2002 .. 1 492 067
	.....	1997 .. 1 021 234
	California .....	2002 .. 49 570
.....	1997 .. 77 728	
3364133	Research and development on aircraft parts, except engines	
	United States .....	2002 .. 603 960
	.....	1997 .. 1 120 600
	California .....	2002 .. 170 090
.....	1997 .. N	
3364136	Aircraft parts and auxiliary equipment, except hydraulic and pneumatic subassemblies and engines	
	United States .....	2002 .. 17 915 429
	.....	1997 .. N
	California .....	2002 .. 4 071 398
	.....	1997 .. N
	Georgia .....	2002 .. 168 217
	.....	1997 .. N
	Maryland .....	2002 .. 82 152
	.....	1997 .. N
	Michigan .....	2002 .. 129 878
	.....	1997 .. N
	Minnesota .....	2002 .. 20 715
	.....	1997 .. N
	New York .....	2002 .. 543 537
	.....	1997 .. N
Oregon .....	2002 .. 44 302	
.....	1997 .. N	
Tennessee .....	2002 .. 415 638	
.....	1997 .. N	
Texas .....	2002 .. 1 277 084	
.....	1997 .. N	
3364141	Complete guided missiles	
	United States .....	2002 .. 3 796 806
.....	1997 .. 1 689 379	
3364143	Research and development on complete guided missiles	
	United States .....	2002 .. 785 535
.....	1997 .. 2 271 322	
3364145	Other services on complete guided missiles	
	United States .....	2002 .. 55 445
.....	1997 .. D	
3364147	Complete space vehicles, except propulsion systems	
	United States .....	2002 .. 4 473 244
.....	1997 .. D	
3364149	Research and development on complete space vehicles	
	United States .....	2002 .. D
.....	1997 .. 729 855	
336414A	All other services on complete space vehicles	
	United States .....	2002 .. D
.....	1997 .. 1 099 673	
3364151	Complete missiles, space vehicle engines, and propulsion units	
	United States .....	2002 .. 2 041 604
	.....	1997 .. 2 652 635
	California .....	2002 .. 582 977
.....	1997 .. 613 014	
3364153	Research and development on complete missiles, space vehicle engines, and propulsion units	
	United States .....	2002 .. 583 875
.....	1997 .. 1 273 822	
3364155	Other services on complete missiles, space vehicle engines, and propulsion units	
	United States .....	2002 .. 286 978
.....	1997 .. 323 683	
3364157	Missile and space vehicle engine and propulsion parts and accessories	
	United States .....	2002 .. 221 516
.....	1997 .. 461 637	
3364191	Missile and space vehicle components, parts, and subassemblies	
	United States .....	2002 .. 2 607 751
	.....	1997 .. 2 524 432
	Washington .....	2002 .. 60 522
.....	1997 .. N	
3364193	Research and development on missile and space vehicle parts and components	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3364193	Research and development on missile and space vehicle parts and components—Con.	
	United States.....	2002.. 205 509 1997.. 329 406
3365101	Locomotives, new and rebuilt, including parts	
	United States.....	2002.. 2 618 077 1997.. 2 952 659
3365103	Train and train cars, freight and passenger, new, except parts	
	United States.....	2002.. 1 111 439 1997.. 2 889 896
3365105	Cars (street, subway, trolley, and rapid transit), rebuilt (including parts) and railway maintenance of equipment and parts (including parts and other work and service)	
	United States.....	2002.. 2 463 368 1997.. 1 741 830
	Illinois.....	2002.. 192 354 1997.. 287 154
	Minnesota.....	2002.. 16 776 1997.. N
	New York.....	2002.. 659 822 1997.. 107 693
	Pennsylvania.....	2002.. 584 665 1997.. 461 302
3366111	Ships, barges, and platforms, nonpropelled, new construction	
	United States.....	2002.. 755 895 1997.. 837 420
	Louisiana.....	2002.. 235 450 1997.. 266 861
	Texas.....	2002.. 76 970 1997.. 192 077
	Wisconsin.....	2002.. 4 067 1997.. N
3366113	Ships (including combat ships, troop transport vessels, fleet auxiliaries, and service craft), self-propelled, military, new construction	
	United States.....	2002.. D 1997.. 4 780 490
3366116	Ships, self-propelled, nonmilitary, new construction	
	United States.....	2002.. 1 494 878 1997.. N
	Alabama.....	2002.. 153 161 1997.. N
	Florida.....	2002.. 70 773 1997.. N
	Louisiana.....	2002.. 556 047 1997.. N
	Maine.....	2002.. 27 584 1997.. N
	Texas.....	2002.. 43 019 1997.. N
	Washington.....	2002.. 162 835 1997.. N
3366118	Ship repair, military	
	United States.....	2002.. 2 353 899 1997.. N
	Florida.....	2002.. 72 930 1997.. N
	Louisiana.....	2002.. 27 539 1997.. N
336611A	Ship repair, nonmilitary	
	United States.....	2002.. D 1997.. N
	California.....	2002.. 25 796 1997.. N
	Florida.....	2002.. 45 068 1997.. N
	Rhode Island.....	2002.. 12 928 1997.. N
	Texas.....	2002.. 90 098 1997.. N
3366121	Motorboats, outboard, including commercial and military (except sailboats and lifeboats)	
	United States.....	2002.. 2 604 144 1997.. 1 675 652
	Alabama.....	2002.. 41 086 1997.. 12 462
	California.....	2002.. 41 035 1997.. 23 849
	Florida.....	2002.. 513 120 1997.. 251 217
	Georgia.....	2002.. 63 401 1997.. 10 834
	Indiana.....	2002.. 322 341 1997.. 195 609
	Louisiana.....	2002.. 22 264 1997.. 26 006
	Massachusetts.....	2002.. 4 227 1997.. 2 051
	Michigan.....	2002.. 53 926 1997.. 52 712

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3366121	Motorboats, outboard, including commercial and military (except sailboats and lifeboats)—Con.	
	Minnesota ..... 2002..	325 184
	..... 1997..	97 070
	North Carolina ..... 2002..	185 248
	..... 1997..	67 771
	South Carolina ..... 2002..	151 718
	..... 1997..	65 650
	Washington ..... 2002..	37 497
	..... 1997..	26 808
	Wisconsin ..... 2002..	6 088
	..... 1997..	9 867
3366123	Motorboats, inboard, including commercial and military (except sailboats and lifeboats)	
	United States ..... 2002..	2 366 467
	..... 1997..	1 287 343
	California ..... 2002..	119 572
	..... 1997..	64 172
	Florida ..... 2002..	792 311
	..... 1997..	476 378
	Massachusetts ..... 2002..	2 409
	..... 1997..	3 024
	Tennessee ..... 2002..	505 700
	..... 1997..	238 100
	Washington ..... 2002..	118 208
	..... 1997..	74 366
	Wisconsin ..... 2002..	194 250
	..... 1997..	156 812
3366125	Inboard-outdrive boats, including commercial and military (except sailboats and lifeboats)	
	United States ..... 2002..	1 589 964
	..... 1997..	1 454 291
	California ..... 2002..	33 203
	..... 1997..	17 444
	Florida ..... 2002..	118 678
	..... 1997..	169 632
	Kentucky ..... 2002..	72 793
	..... 1997..	50 331
	North Carolina ..... 2002..	181 417
	..... 1997..	52 489
	Washington ..... 2002..	27 966
	..... 1997..	42 646
3366128	Boats, all other types, except military and commercial	
	United States ..... 2002..	504 368
	..... 1997..	N
	California ..... 2002..	49 174
	..... 1997..	N
	Florida ..... 2002..	105 298
	..... 1997..	N
	Massachusetts ..... 2002..	2 812
	..... 1997..	N
	Rhode Island ..... 2002..	53 885
	..... 1997..	N
	Washington ..... 2002..	23 210
	..... 1997..	N
3369912	Bicycles, including parts (except children's two-wheel sidewalk cycles with solid or semipneumatic tires)	
	United States ..... 2002..	820 662
	..... 1997..	N
	California ..... 2002..	91 082
	..... 1997..	N
	Massachusetts ..... 2002..	9 150
	..... 1997..	N
3369913	Motorcycles, including three-wheel, motorbikes, motor scooters, mopeds, and parts (including sidecars)	
	United States ..... 2002..	3 232 726
	..... 1997..	1 681 777
	California ..... 2002..	284 159
	..... 1997..	127 347
3369920	Military armored vehicles, tanks, and tank components	
	United States ..... 2002..	1 766 247
	..... 1997..	1 188 878
	California ..... 2002..	184 180
	..... 1997..	N
	Connecticut ..... 2002..	9 320
	..... 1997..	N
	Georgia ..... 2002..	12 493
	..... 1997..	N
	Indiana ..... 2002..	6 580
	..... 1997..	N
	Massachusetts ..... 2002..	19 933
	..... 1997..	N
	Michigan ..... 2002..	62 103
	..... 1997..	N
	Ohio ..... 2002..	420 663
	..... 1997..	N
3369991	Self-propelled golf carts and industrial in-plant personnel carriers, including parts	
	United States ..... 2002..	970 214
	..... 1997..	798 551
	Tennessee ..... 2002..	24 319
	..... 1997..	N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3369995	All other miscellaneous transportation equipment, including all-terrain vehicles	
	United States .....	2002 .. 5 747 395
	Kansas .....	1997 .. N
	Maine .....	2002 .. 2 614
	Michigan .....	1997 .. N
	Oregon .....	2002 .. 7 199
	Tennessee .....	1997 .. N
	Tennessee .....	2002 .. 116 905
	Tennessee .....	1997 .. N
	Tennessee .....	2002 .. 49 639
3371101	Wood kitchen cabinets and related cabinetwork, stock line, for permanent installation	
	United States .....	2002 .. 4 808 778
	Alabama .....	1997 .. 3 186 858
	Arizona .....	2002 .. 113 495
	Arkansas .....	1997 .. 112 658
	California .....	2002 .. 201 458
	Colorado .....	1997 .. 90 302
	Connecticut .....	2002 .. 10 489
	Florida .....	1997 .. 13 132
	Georgia .....	2002 .. 273 772
	Illinois .....	1997 .. 86 167
	Indiana .....	2002 .. 42 180
	Iowa .....	1997 .. 20 141
	Kansas .....	2002 .. 28 044
	Kentucky .....	1997 .. 23 831
	Louisiana .....	2002 .. 97 593
	Maine .....	1997 .. 43 958
	Maryland .....	2002 .. 563 647
	Massachusetts .....	1997 .. 373 499
	Michigan .....	2002 .. 2 123
	Minnesota .....	1997 .. N
	Mississippi .....	2002 .. 123 245
	Missouri .....	1997 .. 80 797
	Montana .....	2002 .. 3 935
	Nebraska .....	1997 .. 147 580
	Nevada .....	2002 .. 8 931
	New Hampshire .....	1997 .. 13 141
	New Jersey .....	2002 .. 30 005
	New York .....	1997 .. 17 504
	North Carolina .....	2002 .. 125 445
	North Dakota .....	1997 .. 61 535
	Ohio .....	2002 .. 161 581
	Oklahoma .....	1997 .. 53 794
Oregon .....	2002 .. 285 811	
Pennsylvania .....	1997 .. 247 484	
Rhode Island .....	2002 .. 39 755	
South Carolina .....	1997 .. 50 939	
South Dakota .....	2002 .. 301 950	
Tennessee .....	1997 .. 334 966	
Texas .....	2002 .. 50 264	
Utah .....	1997 .. 45 509	
Virginia .....	2002 .. 272 058	
Washington .....	1997 .. 269 188	
West Virginia .....	2002 .. 65 995	
Wisconsin .....	1997 .. 64 632	
Wisconsin .....	2002 .. 17 818	
Wisconsin .....	1997 .. 21 148	
3371104	Wood kitchen cabinets and related cabinetwork, custom, for permanent installation, other types (except kitchen cabinets and related cabinetwork sold directly to the customer at retail)	
	United States .....	2002 .. 1 438 042
	Alabama .....	1997 .. 1 822 292
	Arizona .....	2002 .. 16 128
	Arkansas .....	1997 .. 26 726
	California .....	2002 .. 14 867
	Colorado .....	1997 .. 21 512
	Connecticut .....	2002 .. 129 671
	Florida .....	1997 .. 162 439
	Georgia .....	2002 .. 17 577
	Illinois .....	1997 .. 14 911
	Indiana .....	2002 .. 19 880
	Iowa .....	1997 .. 27 466
	Kansas .....	2002 .. 39 189
	Kentucky .....	1997 .. 54 091
	Louisiana .....	2002 .. 4 543
	Maine .....	1997 .. 6 630
	Maryland .....	2002 .. 37 451
	Massachusetts .....	1997 .. 57 543
	Michigan .....	2002 .. 90 006
	Minnesota .....	1997 .. 99 699
	Mississippi .....	2002 .. 98 638
	Missouri .....	1997 .. 131 255
	Montana .....	2002 .. 29 285
	Nebraska .....	1997 .. 42 157
	Nevada .....	2002 .. 2 943
	New Hampshire .....	1997 .. 24 540
	New Jersey .....	2002 .. 4 740
	New York .....	1997 .. 6 950
	North Carolina .....	2002 .. 3 811
	North Dakota .....	1997 .. 8 982
	Ohio .....	2002 .. 7 449
	Oklahoma .....	1997 .. 22 519
Oregon .....	2002 .. 18 502	
Pennsylvania .....	1997 .. 17 021	
Rhode Island .....	2002 .. 74 082	
South Carolina .....	1997 .. 131 291	
South Dakota .....	2002 .. 36 894	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3371104	Wood kitchen cabinets and related cabinetwork, custom, for permanent installation, other types (except kitchen cabinets and related cabinetwork sold directly to the customer at retail)—Con.		
	Missouri—Con.		
		1997..	43 077
	Nebraska .....	2002..	4 590
		1997..	8 140
	Nevada .....	2002..	2 606
		1997..	3 241
	New Hampshire .....	2002..	3 368
		1997..	3 164
	New Jersey .....	2002..	23 552
		1997..	35 347
	New York .....	2002..	27 533
		1997..	39 952
	North Dakota .....	2002..	2 569
		1997..	5 098
	Oregon .....	2002..	13 357
		1997..	38 728
	Pennsylvania .....	2002..	272 464
		1997..	224 719
	Tennessee .....	2002..	11 408
	1997..	31 017	
Texas .....	2002..	57 418	
	1997..	95 332	
Utah .....	2002..	18 696	
	1997..	30 062	
Virginia .....	2002..	54 874	
	1997..	21 010	
Washington .....	2002..	46 599	
	1997..	64 018	
Wisconsin .....	2002..	47 357	
	1997..	72 942	
3371107	Wood bathroom vanities and related cabinetwork, for permanent installation (except custom bathroom vanities and related cabinetwork sold directly to the customer at retail)		
	United States .....	2002..	1 040 692
		1997..	884 669
	Alabama .....	2002..	20 813
		1997..	15 864
	California .....	2002..	143 125
		1997..	115 287
	Colorado .....	2002..	2 118
		1997..	9 729
	Connecticut .....	2002..	3 727
		1997..	5 337
	Florida .....	2002..	14 982
		1997..	12 766
	Illinois .....	2002..	43 985
		1997..	45 145
	Minnesota .....	2002..	6 417
		1997..	31 841
	New York .....	2002..	6 727
		1997..	9 140
	North Carolina .....	2002..	135 135
	1997..	40 191	
Oregon .....	2002..	16 084	
	1997..	10 915	
Pennsylvania .....	2002..	121 367	
	1997..	59 326	
Tennessee .....	2002..	15 466	
	1997..	11 455	
Texas .....	2002..	104 183	
	1997..	100 798	
Virginia .....	2002..	36 170	
	1997..	16 166	
Washington .....	2002..	11 016	
	1997..	16 463	
Wisconsin .....	2002..	2 663	
	1997..	14 702	
337110B	Wood kitchen cabinet tops, wood and plastics laminated		
	United States .....	2002..	730 078
		1997..	N
	Alabama .....	2002..	11 833
		1997..	N
	California .....	2002..	38 746
		1997..	N
	Colorado .....	2002..	14 567
		1997..	N
	Connecticut .....	2002..	2 793
		1997..	N
	Florida .....	2002..	31 600
		1997..	N
	Georgia .....	2002..	31 052
		1997..	N
	Illinois .....	2002..	29 268
		1997..	N
	Indiana .....	2002..	85 066
		1997..	N
	Kansas .....	2002..	10 750
	1997..	N	
Kentucky .....	2002..	9 856	
	1997..	N	
Maryland .....	2002..	5 941	
	1997..	N	
Massachusetts .....	2002..	15 359	
	1997..	N	
Minnesota .....	2002..	6 695	
	1997..	N	
Missouri .....	2002..	20 155	
	1997..	N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
337110B	Wood kitchen cabinet tops, wood and plastics laminated—Con.	
	Nebraska .....	2002 .. 4 302
	.....	1997 .. N
	Nevada .....	2002 .. 7 634
	.....	1997 .. N
	New Jersey .....	2002 .. 50 582
	.....	1997 .. N
	New Mexico .....	2002 .. 2 767
	.....	1997 .. N
	New York .....	2002 .. 31 442
	.....	1997 .. N
	North Carolina .....	2002 .. 4 378
	.....	1997 .. N
	Oregon .....	2002 .. 15 065
	.....	1997 .. N
Pennsylvania .....	2002 .. 37 596	
.....	1997 .. N	
Texas .....	2002 .. 38 137	
.....	1997 .. N	
Utah .....	2002 .. 5 146	
.....	1997 .. N	
Virginia .....	2002 .. 14 097	
.....	1997 .. N	
Washington .....	2002 .. 3 994	
.....	1997 .. N	
Wisconsin .....	2002 .. 52 095	
.....	1997 .. N	
337110F	Wood bathroom vanity tops, wood and plastics laminated	
	United States .....	2002 .. 155 957
	.....	1997 .. N
	California .....	2002 .. 16 388
	.....	1997 .. N
	Colorado .....	2002 .. 3 393
	.....	1997 .. N
	Florida .....	2002 .. 14 347
	.....	1997 .. N
	Massachusetts .....	2002 .. 3 362
	.....	1997 .. N
	Minnesota .....	2002 .. 2 943
	.....	1997 .. N
	Missouri .....	2002 .. 3 151
	.....	1997 .. N
New Jersey .....	2002 .. 10 759	
.....	1997 .. N	
New York .....	2002 .. 3 590	
.....	1997 .. N	
Pennsylvania .....	2002 .. 4 074	
.....	1997 .. N	
Texas .....	2002 .. 5 468	
.....	1997 .. N	
Wisconsin .....	2002 .. 7 008	
.....	1997 .. N	
337110H	Wood kitchen cabinets, bathroom vanities, and related cabinetwork, custom, for permanent installation, sold directly to the customer at retail	
	United States .....	2002 .. 2 921 538
	.....	1997 .. 393 565
	Alabama .....	2002 .. 244 402
	.....	1997 .. 11 626
	Arizona .....	2002 .. 38 847
	.....	1997 .. 18 341
	Arkansas .....	2002 .. 21 262
	.....	1997 .. 7 780
	California .....	2002 .. 311 251
	.....	1997 .. 33 395
	Colorado .....	2002 .. 18 674
	.....	1997 .. 16 129
	Connecticut .....	2002 .. 41 570
	.....	1997 .. 7 300
	Florida .....	2002 .. 93 474
	.....	1997 .. 31 555
	Georgia .....	2002 .. 53 478
	.....	1997 .. 23 941
	Hawaii .....	2002 .. 7 531
	.....	1997 .. N
	Idaho .....	2002 .. 10 953
	.....	1997 .. 2 068
	Illinois .....	2002 .. 84 332
	.....	1997 .. 11 142
	Indiana .....	2002 .. 76 008
	.....	1997 .. 8 623
	Kansas .....	2002 .. 124 141
	.....	1997 .. 3 354
	Kentucky .....	2002 .. 58 068
	.....	1997 .. 11 136
	Louisiana .....	2002 .. 12 082
.....	1997 .. 3 495	
Maryland .....	2002 .. 7 582	
.....	1997 .. 2 841	
Massachusetts .....	2002 .. 35 590	
.....	1997 .. 3 281	
Michigan .....	2002 .. 55 447	
.....	1997 .. 6 669	
Minnesota .....	2002 .. 290 570	
.....	1997 .. 10 994	
Mississippi .....	2002 .. 5 206	
.....	1997 .. 4 986	
Missouri .....	2002 .. 71 778	
.....	1997 .. 13 003	
Montana .....	2002 .. 5 551	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
337110H	Wood kitchen cabinets, bathroom vanities, and related cabinetwork, custom, for permanent installation, sold directly to the customer at retail—Con.		
	Montana—Con.		
		1997..	N
	New Hampshire .....	2002..	16 318
		1997..	N
	New Jersey .....	2002..	27 992
		1997..	4 789
	New Mexico .....	2002..	8 384
		1997..	2 294
	New York .....	2002..	73 114
		1997..	20 189
	North Carolina .....	2002..	70 048
		1997..	11 856
	North Dakota .....	2002..	6 362
		1997..	N
	Oklahoma .....	2002..	6 981
		1997..	3 831
	Oregon .....	2002..	56 991
		1997..	14 631
	Pennsylvania .....	2002..	109 001
		1997..	8 100
	South Carolina .....	2002..	9 921
	1997..	7 296	
South Dakota .....	2002..	14 862	
	1997..	2 759	
Tennessee .....	2002..	29 415	
	1997..	10 394	
Texas .....	2002..	286 109	
	1997..	17 700	
Utah .....	2002..	62 386	
	1997..	2 785	
Virginia .....	2002..	36 472	
	1997..	7 277	
Washington .....	2002..	93 439	
	1997..	11 041	
Wisconsin .....	2002..	88 493	
	1997..	8 168	
Wyoming .....	2002..	2 033	
	1997..	N	
3371211	Upholstered household furniture, except stock line dual-purpose sleep furniture, wood		
	United States .....	2002..	8 708 520
		1997..	7 056 005
	California .....	2002..	796 352
		1997..	656 912
	Connecticut .....	2002..	6 523
		1997..	N
	Florida .....	2002..	53 592
		1997..	31 495
	Georgia .....	2002..	98 238
		1997..	50 226
	Indiana .....	2002..	275 726
		1997..	179 953
	Maryland .....	2002..	23 257
		1997..	22 727
	Mississippi .....	2002..	1 997 654
		1997..	1 684 123
	North Carolina .....	2002..	2 633 470
		1997..	2 346 973
Oregon .....	2002..	65 842	
	1997..	44 047	
Pennsylvania .....	2002..	126 147	
	1997..	85 002	
Tennessee .....	2002..	964 935	
	1997..	689 789	
Virginia .....	2002..	164 365	
	1997..	156 361	
Wisconsin .....	2002..	40 508	
	1997..	57 506	
3371213	Upholstered household furniture, except wood		
	United States .....	2002..	107 838
	1997..	N	
3371214	Dual-purpose sleep furniture (including convertible sofas, jackknife sofa and chair beds, studio couches, and futons shipped with frames), except custom sold directly to the customer at retail		
	United States .....	2002..	486 305
		1997..	479 350
	Georgia .....	2002..	5 894
		1997..	N
	Indiana .....	2002..	15 066
		1997..	N
	Ohio .....	2002..	5 464
		1997..	N
	Oregon .....	2002..	4 642
	1997..	N	
Virginia .....	2002..	13 597	
	1997..	N	
Wisconsin .....	2002..	3 536	
	1997..	10 610	
3371221	Nonupholstered wood household furniture (including den, library, family and living room), except custom sold directly to the customer at retail		
	United States .....	2002..	2 543 757
		1997..	2 287 549
	Arizona .....	2002..	78 448
	1997..	48 643	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3371221	Nonupholstered wood household furniture (including den, library, family and living room), except custom sold directly to the customer at retail—Con.		
	California .....	2002.. 366 067 1997.. 299 354	
	Colorado .....	2002.. 36 806 1997.. 13 335	
	Connecticut .....	2002.. 5 030 1997.. 5 065	
	Florida .....	2002.. 16 155 1997.. 12 663	
	Georgia .....	2002.. 65 131 1997.. 36 351	
	Illinois .....	2002.. 35 874 1997.. 29 792	
	Indiana .....	2002.. 157 389 1997.. 94 845	
	Kansas .....	2002.. 2 108 1997.. 2 816	
	Maine .....	2002.. 19 182 1997.. 9 190	
	Maryland .....	2002.. 9 997 1997.. 5 342	
	Massachusetts .....	2002.. 14 854 1997.. 21 962	
	Michigan .....	2002.. 55 776 1997.. 35 071	
	Minnesota .....	2002.. 11 576 1997.. 3 322	
	Mississippi .....	2002.. 329 086 1997.. 122 544	
	New Hampshire .....	2002.. 14 948 1997.. 17 733	
	New Jersey .....	2002.. 44 802 1997.. 13 941	
	New York .....	2002.. 63 287 1997.. 76 867	
	North Carolina .....	2002.. 424 566 1997.. 525 807	
	Pennsylvania .....	2002.. 43 273 1997.. 56 540	
	South Carolina .....	2002.. 15 611 1997.. 4 856	
	Texas .....	2002.. 20 869 1997.. 28 531	
	Utah .....	2002.. 3 284 1997.. N	
	Vermont .....	2002.. 66 516 1997.. 23 425	
	Virginia .....	2002.. 132 554 1997.. 227 806	
	Wisconsin .....	2002.. 115 199 1997.. 110 292	
	3371224	Nonupholstered wood dining room and kitchen furniture (except kitchen cabinets), except custom sold directly to the customer at retail	
		United States .....	2002.. 1 467 127 1997.. 1 537 316
		California .....	2002.. 144 789 1997.. 154 073
		Connecticut .....	2002.. 3 755 1997.. N
		Illinois .....	2002.. 16 397 1997.. 55 199
		Indiana .....	2002.. 36 734 1997.. 35 274
		Maine .....	2002.. 3 830 1997.. 4 080
Massachusetts .....		2002.. 49 097 1997.. 55 943	
Michigan .....		2002.. 30 112 1997.. 28 279	
Minnesota .....		2002.. 4 199 1997.. N	
Missouri .....		2002.. 5 117 1997.. 3 135	
New Jersey .....		2002.. 6 566 1997.. 9 112	
New York .....		2002.. 119 333 1997.. 76 977	
North Carolina .....		2002.. 562 857 1997.. 614 297	
Ohio .....		2002.. 43 977 1997.. 26 113	
Pennsylvania .....		2002.. 50 552 1997.. 45 942	
Tennessee .....		2002.. 25 954 1997.. 18 050	
Texas .....		2002.. 19 252 1997.. 2 342	
Virginia .....		2002.. 72 705 1997.. 145 334	
Wisconsin .....		2002.. 22 963 1997.. N	
3371228		Nonupholstered wood bedroom furniture, except custom sold directly to the customer at retail	
		United States .....	2002.. 2 882 229 1997.. N
		Arizona .....	2002.. 117 102 1997.. N
	Arkansas .....	2002.. 32 795 1997.. N	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3371228	Nonupholstered wood bedroom furniture, except custom sold directly to the customer at retail—Con.	
	California .....	2002 .. 306 844
		1997 .. N
	Colorado .....	2002 .. 14 562
		1997 .. N
	Florida .....	2002 .. 46 042
		1997 .. N
	Georgia .....	2002 .. 73 608
		1997 .. N
	Idaho .....	2002 .. 8 985
		1997 .. N
	Indiana .....	2002 .. 101 208
		1997 .. N
	Massachusetts .....	2002 .. 6 354
		1997 .. N
	Michigan .....	2002 .. 25 807
		1997 .. N
	Mississippi .....	2002 .. 39 152
		1997 .. N
	New Hampshire .....	2002 .. 8 787
		1997 .. N
	New York .....	2002 .. 63 587
	1997 .. N	
North Carolina .....	2002 .. 916 157	
	1997 .. N	
Oregon .....	2002 .. 27 871	
	1997 .. N	
Pennsylvania .....	2002 .. 48 998	
	1997 .. N	
South Carolina .....	2002 .. 61 909	
	1997 .. N	
Tennessee .....	2002 .. 95 529	
	1997 .. N	
Virginia .....	2002 .. 324 102	
	1997 .. N	
Washington .....	2002 .. 7 412	
	1997 .. N	
Wisconsin .....	2002 .. 169 874	
	1997 .. N	
337122A	Nonupholstered wood infants' and children's furniture, except custom sold directly to the customer at retail	
	United States .....	2002 .. 454 193
		1997 .. 287 666
	California .....	2002 .. 54 030
		1997 .. 4 427
Virginia .....	2002 .. 68 521	
	1997 .. 29 756	
337122E	Nonupholstered wood furniture, other types, except custom	
	United States .....	2002 .. 1 788 941
		1997 .. 1 653 696
	California .....	2002 .. 64 325
		1997 .. 45 840
	Florida .....	2002 .. 2 433
		1997 .. N
	Maryland .....	2002 .. 2 859
		1997 .. N
	Michigan .....	2002 .. 56 257
		1997 .. N
	Minnesota .....	2002 .. 3 072
		1997 .. N
	New Jersey .....	2002 .. 6 747
		1997 .. N
	New York .....	2002 .. 349 404
		1997 .. N
	North Carolina .....	2002 .. 26 717
		1997 .. 5 193
	Pennsylvania .....	2002 .. 23 227
	1997 .. 16 650	
Texas .....	2002 .. 5 563	
	1997 .. N	
Virginia .....	2002 .. 240 958	
	1997 .. 169 423	
Wisconsin .....	2002 .. 23 686	
	1997 .. N	
337122H	Nonupholstered wood household furniture (except kitchen cabinets, bathroom vanities, and related cabinetwork), custom sold directly to the customer at retail	
	United States .....	2002 .. 118 116
		1997 .. N
	Arizona .....	2002 .. 3 338
		1997 .. N
	California .....	2002 .. 3 351
		1997 .. N
New York .....	2002 .. 34 870	
	1997 .. N	
Virginia .....	2002 .. 6 740	
	1997 .. N	
3371241	Metal household furniture, dining room and kitchen, including padded and plain chairs and stools	
	United States .....	2002 .. 247 844
		1997 .. 328 970
	California .....	2002 .. 59 163
		1997 .. 78 097
	Florida .....	2002 .. 2 673
		1997 .. N
New York .....	2002 .. 10 099	
	1997 .. 7 466	
North Carolina .....	2002 .. 31 366	
	1997 .. 54 447	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3371244	Metal household furniture, outdoor and casual (including beach, lawn, garden, and porch)	
	United States .....	2002 .. 682 306
	Arizona .....	1997 .. 700 656
	California .....	2002 .. 9 514
	Florida .....	1997 .. 7 937
	North Carolina .....	2002 .. 146 855
	North Carolina .....	1997 .. 89 860
	North Carolina .....	2002 .. 79 708
	North Carolina .....	1997 .. 54 682
	North Carolina .....	2002 .. 76 519
North Carolina .....	1997 .. 53 693	
3371248	Metal household furniture, other types, nonupholstered	
	United States .....	2002 .. 708 928
	California .....	1997 .. N
	California .....	2002 .. 94 534
	Florida .....	1997 .. N
	Florida .....	2002 .. 12 465
	Illinois .....	1997 .. N
	Illinois .....	2002 .. 17 355
	North Carolina .....	1997 .. N
	North Carolina .....	2002 .. 38 210
Pennsylvania .....	1997 .. N	
Pennsylvania .....	2002 .. 140 520	
Tennessee .....	1997 .. N	
Tennessee .....	2002 .. 28 396	
Tennessee .....	1997 .. N	
3371250	Household furniture, except wood and metal, nonupholstered	
	United States .....	2002 .. 702 621
	California .....	1997 .. 602 309
	California .....	2002 .. 91 981
	Florida .....	1997 .. N
	Florida .....	2002 .. 25 074
	Georgia .....	1997 .. N
	Georgia .....	2002 .. 3 116
	Illinois .....	1997 .. N
	Illinois .....	2002 .. 4 540
	Massachusetts .....	1997 .. N
	Massachusetts .....	2002 .. 2 270
	New York .....	1997 .. N
	New York .....	2002 .. 8 581
	North Carolina .....	1997 .. N
North Carolina .....	2002 .. 49 074	
Pennsylvania .....	1997 .. N	
Pennsylvania .....	2002 .. 128 614	
Texas .....	1997 .. N	
Texas .....	2002 .. 5 047	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 40 012	
Wisconsin .....	1997 .. N	
3371271	School furniture (except library), except stone and concrete	
	United States .....	2002 .. 813 103
	California .....	1997 .. 630 340
	California .....	2002 .. 59 781
	Indiana .....	1997 .. N
	Indiana .....	2002 .. 12 149
	Massachusetts .....	1997 .. 6 808
	Massachusetts .....	2002 .. 37 165
	Michigan .....	1997 .. N
	Michigan .....	2002 .. 20 108
	North Carolina .....	1997 .. 29 735
	North Carolina .....	2002 .. 25 129
	Pennsylvania .....	1997 .. N
	Pennsylvania .....	2002 .. 47 623
	Tennessee .....	1997 .. 28 165
Tennessee .....	2002 .. 50 113	
Texas .....	1997 .. N	
Texas .....	2002 .. 81 240	
Wisconsin .....	1997 .. 102 071	
Wisconsin .....	2002 .. 29 567	
Wisconsin .....	1997 .. 25 024	
3371274	Public building and related furniture (except bar, bowling center, cafeteria, restaurant, and school)	
	United States .....	2002 .. 1 282 560
	California .....	1997 .. 1 138 881
	California .....	2002 .. 52 746
	Illinois .....	1997 .. 45 492
	Illinois .....	2002 .. 59 567
	Michigan .....	1997 .. 54 665
	Michigan .....	2002 .. 246 133
	Missouri .....	1997 .. 221 991
	Missouri .....	2002 .. 13 734
	Nebraska .....	1997 .. 27 279
	Nebraska .....	2002 .. 9 101
	North Carolina .....	1997 .. N
	North Carolina .....	2002 .. 44 022
	Ohio .....	1997 .. 44 643
	Ohio .....	2002 .. 59 666
	Pennsylvania .....	1997 .. N
	Pennsylvania .....	2002 .. 27 475
	Tennessee .....	1997 .. 23 723
	Tennessee .....	2002 .. 7 516
Texas .....	1997 .. 10 239	
Texas .....	2002 .. 144 987	
Wisconsin .....	1997 .. 104 238	
Wisconsin .....	2002 .. 67 102	
Wisconsin .....	1997 .. 60 417	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3371278	Public furniture (bar, bowling center, cafeteria, and restaurant)	
	United States .....	2002 .. 895 509
		1997 .. N
	Arkansas .....	2002 .. 16 251
		1997 .. N
	California .....	2002 .. 78 560
		1997 .. N
	Florida .....	2002 .. 63 534
		1997 .. N
	Indiana .....	2002 .. 30 925
		1997 .. N
	Michigan .....	2002 .. 74 440
		1997 .. N
	Ohio .....	2002 .. 29 159
	1997 .. N	
Oregon .....	2002 .. 16 127	
	1997 .. N	
Pennsylvania .....	2002 .. 14 426	
	1997 .. N	
Tennessee .....	2002 .. 76 882	
	1997 .. N	
Wisconsin .....	2002 .. 110 043	
	1997 .. N	
337127A	Institutional furniture, other types	
	United States .....	2002 .. 693 327
		1997 .. 842 609
	California .....	2002 .. 53 270
		1997 .. 140 650
	Illinois .....	2002 .. 113 472
		1997 .. 25 448
	Michigan .....	2002 .. 4 225
		1997 .. 126 558
	Minnesota .....	2002 .. 2 340
		1997 .. 22 624
	Mississippi .....	2002 .. 43 620
		1997 .. 14 544
	Pennsylvania .....	2002 .. 66 500
	1997 .. 85 393	
Tennessee .....	2002 .. 122 159	
	1997 .. 25 095	
Wisconsin .....	2002 .. 31 582	
	1997 .. 21 120	
3371290	Wood cabinets (television, radio, and sewing machine), used as housings	
	United States .....	2002 .. 372 505
		1997 .. 516 379
	California .....	2002 .. 47 667
		1997 .. N
	Georgia .....	2002 .. 4 242
		1997 .. N
	Illinois .....	2002 .. 23 439
		1997 .. N
	Michigan .....	2002 .. 2 237
		1997 .. N
	New Jersey .....	2002 .. 2 530
		1997 .. N
	New York .....	2002 .. 4 413
		1997 .. N
	North Carolina .....	2002 .. 28 133
	1997 .. N	
Oregon .....	2002 .. 3 188	
	1997 .. N	
Pennsylvania .....	2002 .. 3 851	
	1997 .. N	
Utah .....	2002 .. 2 312	
	1997 .. N	
Washington .....	2002 .. 5 367	
	1997 .. N	
Wisconsin .....	2002 .. 6 455	
	1997 .. N	
3372111	Wood office seating, including upholstered	
	United States .....	2002 .. 578 286
		1997 .. 623 419
	California .....	2002 .. 49 143
		1997 .. 58 317
	Indiana .....	2002 .. 88 078
		1997 .. 102 102
New York .....	2002 .. 23 626	
	1997 .. 27 623	
North Carolina .....	2002 .. 147 072	
	1997 .. 147 768	
3372114	Wood office desks and desk extensions	
	United States .....	2002 .. 653 112
		1997 .. 594 428
	California .....	2002 .. 46 946
		1997 .. 34 713
	Illinois .....	2002 .. 39 993
		1997 .. 36 398
	Indiana .....	2002 .. 178 473
		1997 .. 200 970
	Minnesota .....	2002 .. 16 874
		1997 .. N
New Jersey .....	2002 .. 2 665	
	1997 .. 3 564	
New York .....	2002 .. 26 518	
	1997 .. 18 133	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3372114	Wood office desks and desk extensions—Con.	
	North Carolina .....	2002 .. 125 967
	.....	1997 .. 108 853
	Texas .....	2002 .. 3 162
	.....	1997 .. 6 749
Wisconsin .....	2002 .. 9 169	
	.....	1997 .. N
3372117	Wood office files, storage units, and tables	
	United States .....	2002 .. 665 164
	.....	1997 .. 622 271
	California .....	2002 .. 48 572
	.....	1997 .. 58 225
	Florida .....	2002 .. 3 626
	.....	1997 .. 32 685
	Illinois .....	2002 .. 31 185
	.....	1997 .. 14 427
	Indiana .....	2002 .. 137 184
	.....	1997 .. 122 689
	Michigan .....	2002 .. 70 719
	.....	1997 .. 62 499
	Minnesota .....	2002 .. 16 770
	.....	1997 .. 11 097
	Missouri .....	2002 .. 16 475
	.....	1997 .. 4 852
	New Jersey .....	2002 .. 7 342
	.....	1997 .. 3 641
	New York .....	2002 .. 48 774
	.....	1997 .. 27 622
	North Carolina .....	2002 .. 80 903
.....	1997 .. 85 316	
Pennsylvania .....	2002 .. 12 436	
.....	1997 .. 9 812	
Washington .....	2002 .. 12 583	
.....	1997 .. 22 340	
Wisconsin .....	2002 .. 10 922	
.....	1997 .. 31 828	
337211A	Wood office furniture, other types (including panel and desking systems)	
	United States .....	2002 .. 803 563
	.....	1997 .. 707 052
	California .....	2002 .. 68 492
	.....	1997 .. 68 314
	Florida .....	2002 .. 3 161
	.....	1997 .. N
	Indiana .....	2002 .. 76 627
	.....	1997 .. N
	Michigan .....	2002 .. 123 547
	.....	1997 .. 158 298
	New Jersey .....	2002 .. 11 517
	.....	1997 .. N
	New York .....	2002 .. 44 601
	.....	1997 .. 36 388
	North Carolina .....	2002 .. 18 805
	.....	1997 .. 45 211
	Pennsylvania .....	2002 .. 25 488
	.....	1997 .. 18 133
	Texas .....	2002 .. 3 086
.....	1997 .. N	
Washington .....	2002 .. 21 701	
.....	1997 .. 18 736	
Wisconsin .....	2002 .. 11 127	
.....	1997 .. 15 349	
3372120	Custom architectural woodwork, millwork, and fixtures	
	United States .....	2002 .. 3 888 830
	.....	1997 .. 2 067 987
	Alabama .....	2002 .. 44 698
	.....	1997 .. N
	Arizona .....	2002 .. 61 165
	.....	1997 .. N
	Arkansas .....	2002 .. 30 560
	.....	1997 .. N
	California .....	2002 .. 474 610
	.....	1997 .. N
	Colorado .....	2002 .. 114 485
	.....	1997 .. N
	Connecticut .....	2002 .. 52 326
	.....	1997 .. N
	Delaware .....	2002 .. 14 783
	.....	1997 .. N
	Florida .....	2002 .. 98 042
	.....	1997 .. N
	Georgia .....	2002 .. 78 128
	.....	1997 .. N
	Idaho .....	2002 .. 6 407
	.....	1997 .. N
	Illinois .....	2002 .. 190 159
	.....	1997 .. N
	Indiana .....	2002 .. 57 853
	.....	1997 .. N
	Iowa .....	2002 .. 35 015
	.....	1997 .. N
Kansas .....	2002 .. 20 339	
.....	1997 .. N	
Kentucky .....	2002 .. 15 569	
.....	1997 .. N	
Louisiana .....	2002 .. 25 718	
.....	1997 .. N	
Maine .....	2002 .. 27 573	
.....	1997 .. N	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3372120	Custom architectural woodwork, millwork, and fixtures—Con.	
	Maryland ..... 2002..	43 309
	..... 1997..	N
	Massachusetts ..... 2002..	156 605
	..... 1997..	N
	Michigan ..... 2002..	72 493
	..... 1997..	N
	Minnesota ..... 2002..	138 564
	..... 1997..	N
	Mississippi ..... 2002..	14 975
	..... 1997..	N
	Missouri ..... 2002..	78 060
	..... 1997..	N
	Montana ..... 2002..	12 834
	..... 1997..	N
	Nebraska ..... 2002..	21 167
	..... 1997..	N
	Nevada ..... 2002..	40 261
	..... 1997..	N
	New Hampshire ..... 2002..	24 903
	..... 1997..	N
	New Jersey ..... 2002..	88 546
	..... 1997..	N
	New Mexico ..... 2002..	3 464
	..... 1997..	N
	New York ..... 2002..	311 369
	..... 1997..	N
	North Carolina ..... 2002..	153 116
	..... 1997..	N
	North Dakota ..... 2002..	6 784
	..... 1997..	N
	Ohio ..... 2002..	210 699
	..... 1997..	N
	Oklahoma ..... 2002..	51 589
	..... 1997..	N
	Oregon ..... 2002..	104 959
	..... 1997..	N
	Pennsylvania ..... 2002..	199 069
	..... 1997..	N
	Rhode Island ..... 2002..	61 466
	..... 1997..	N
	South Carolina ..... 2002..	36 450
	..... 1997..	N
	Tennessee ..... 2002..	88 017
	..... 1997..	N
	Texas ..... 2002..	240 451
	..... 1997..	N
	Utah ..... 2002..	45 587
	..... 1997..	N
	Virginia ..... 2002..	67 487
	..... 1997..	N
	Washington ..... 2002..	99 163
	..... 1997..	N
	Wisconsin ..... 2002..	147 822
	..... 1997..	N
	Wyoming ..... 2002..	3 659
	..... 1997..	N
3372141	Office seating, including upholstered, except wood	
	United States ..... 2002..	1 657 007
	..... 1997..	1 787 201
	California ..... 2002..	78 699
	..... 1997..	199 394
	Indiana ..... 2002..	73 135
	..... 1997..	N
	Michigan ..... 2002..	738 099
	..... 1997..	721 498
	New York ..... 2002..	17 468
	..... 1997..	N
	North Carolina ..... 2002..	62 155
	..... 1997..	97 102
3372144	Office desks and desk extensions, except wood	
	United States ..... 2002..	251 158
	..... 1997..	511 162
	California ..... 2002..	46 762
	..... 1997..	18 163
	Michigan ..... 2002..	70 658
	..... 1997..	84 237
	Pennsylvania ..... 2002..	6 507
	..... 1997..	23 792
3372147	Office files, storage units, and tables, except wood	
	United States ..... 2002..	2 651 884
	..... 1997..	2 169 320
	California ..... 2002..	148 611
	..... 1997..	190 734
	Illinois ..... 2002..	82 470
	..... 1997..	111 041
	Michigan ..... 2002..	1 262 587
	..... 1997..	707 213
	Mississippi ..... 2002..	5 156
	..... 1997..	N
	Ohio ..... 2002..	17 831
	..... 1997..	29 622
	Tennessee ..... 2002..	44 200
	..... 1997..	78 039

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
337214A	Office furniture, other types (including panel and desking systems), except wood	
	United States .....	2002 .. 2 329 009
	Arkansas .....	1997 .. 3 453 780
	California .....	2002 .. 14 705
	Michigan .....	1997 .. N
	Minnesota .....	2002 .. 108 907
	Tennessee .....	1997 .. 201 687
	United States .....	2002 .. 1 320 777
	United States .....	1997 .. 2 286 328
	United States .....	2002 .. 51 058
3372151	Lockers, partitions, and shelving (except custom), wood	
	United States .....	2002 .. 166 677
	California .....	1997 .. 180 383
	New York .....	2002 .. 66 481
	Ohio .....	1997 .. 31 833
3372155	Fixtures (bank, office, and store), wood, except custom	
	United States .....	2002 .. 1 484 348
	Alabama .....	1997 .. N
	Arizona .....	2002 .. 14 593
	California .....	1997 .. N
	Colorado .....	2002 .. 2 716
	Connecticut .....	1997 .. N
	Florida .....	2002 .. 190 894
	Georgia .....	1997 .. N
	Illinois .....	2002 .. 21 845
	Indiana .....	1997 .. N
	Maryland .....	2002 .. 11 836
	Massachusetts .....	1997 .. N
	Michigan .....	2002 .. 43 013
	Minnesota .....	1997 .. N
	Missouri .....	2002 .. 37 680
	New Jersey .....	1997 .. N
	New York .....	2002 .. 100 935
	North Carolina .....	1997 .. N
	Ohio .....	2002 .. 34 273
	Oregon .....	1997 .. N
	Pennsylvania .....	2002 .. 14 299
	South Carolina .....	1997 .. N
	Texas .....	2002 .. 5 968
	Washington .....	1997 .. N
	Wisconsin .....	2002 .. 176 002
	Wisconsin .....	1997 .. N
	Wisconsin .....	2002 .. 41 635
	Wisconsin .....	1997 .. N
	Wisconsin .....	2002 .. 16 873
	Wisconsin .....	1997 .. N
	Wisconsin .....	2002 .. 27 044
	Wisconsin .....	1997 .. N
Wisconsin .....	2002 .. 84 289	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 31 065	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 64 889	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 19 803	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 118 518	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 26 518	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 84 991	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 57 691	
Wisconsin .....	1997 .. N	
Wisconsin .....	2002 .. 87 147	
Wisconsin .....	1997 .. N	
3372157	Partitions, prefabricated, assembled and knock-down, except wood	
	United States .....	2002 .. 257 969
	California .....	1997 .. 267 096
	Illinois .....	2002 .. 62 959
	New York .....	1997 .. 17 149
337215A	Shelving and lockers, except wood	
	United States .....	2002 .. 1 062 629
	California .....	1997 .. 1 222 973
	Georgia .....	2002 .. 15 824
	Illinois .....	1997 .. N
	Michigan .....	2002 .. 26 789
	New York .....	1997 .. N
New York .....	2002 .. 288 320	
New York .....	1997 .. 306 115	
New York .....	2002 .. 103 650	
New York .....	1997 .. N	
New York .....	2002 .. 41 375	
New York .....	1997 .. 26 642	

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
337215A	Shelving and lockers, except wood—Con.		
	Ohio .....	2002.. 85 265	
		1997.. 61 645	
	Oklahoma .....	2002.. 7 289	
		1997.. N	
337215E	Storage racks and accessories, except wood		
		United States .....	2002.. 958 124
337215G	Fixtures (bank, office, and store), except wood		
		United States .....	1997.. 1 192 720
		Alabama .....	2002.. 56 310
		Arkansas .....	1997.. 137 211
		California .....	2002.. 82 680
		Florida .....	1997.. 39 823
		Georgia .....	2002.. 117 536
		Illinois .....	1997.. 126 503
		Indiana .....	2002.. 14 517
		Iowa .....	1997.. N
		Michigan .....	2002.. 169 215
		Minnesota .....	1997.. 226 726
		Missouri .....	2002.. 15 922
		New Jersey .....	1997.. 55 221
		New York .....	2002.. 18 572
		North Carolina .....	1997.. 4 426
		Ohio .....	2002.. 18 105
		Oklahoma .....	1997.. 49 558
		Oregon .....	2002.. 21 855
		Pennsylvania .....	1997.. 183 681
337215J	Frames, furniture, wood		
		United States .....	2002.. 300 038
		Alabama .....	1997.. N
		Arkansas .....	2002.. 158 642
		California .....	1997.. N
		Florida .....	2002.. 38 814
		Georgia .....	1997.. N
		Illinois .....	2002.. 144 235
		Indiana .....	1997.. N
		Iowa .....	2002.. 21 618
		Michigan .....	1997.. N
		Minnesota .....	2002.. 32 580
		Missouri .....	1997.. N
		New Jersey .....	2002.. 132 228
		New York .....	1997.. N
		North Carolina .....	2002.. 117 180
		Ohio .....	1997.. N
		Oklahoma .....	2002.. 21 127
		Oregon .....	1997.. N
		Pennsylvania .....	2002.. 31 079
Rhode Island .....	1997.. N		
Virginia .....	2002.. 73 385		
Washington .....	1997.. N		
Wisconsin .....	2002.. 42 671		
	1997.. N		
	2002.. 33 213		
	1997.. N		
	2002.. 18 066		
	1997.. N		
	2002.. 42 794		
	1997.. N		
	2002.. 22 071		
	1997.. N		
	2002.. 29 654		
	1997.. N		
	2002.. 3 735		
	1997.. N		
	2002.. 6 595		
	1997.. N		
	2002.. 46 247		
	1997.. N		
	2002.. 8 521		
	1997.. N		
	2002.. 6 499		
	1997.. N		
	2002.. 22 730		
	1997.. N		
	2002.. 33 558		
	1997.. N		
	2002.. 51 041		
	1997.. N		
	2002.. 20 879		
	1997.. N		
	2002.. 114 553		
	1997.. N		
	2002.. 4 736		
	1997.. N		
	2002.. 71 381		
	1997.. N		

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
337215L	Furniture dimensions, fully machined ready for assembly, hardwood and softwood	
	United States .....	2002 .. 898 106
		1997 .. N
	California .....	2002 .. 48 062
		1997 .. N
	Florida .....	2002 .. 3 747
		1997 .. N
	Georgia .....	2002 .. 6 001
		1997 .. N
	Illinois .....	2002 .. 41 412
		1997 .. N
	Indiana .....	2002 .. 178 989
		1997 .. N
	Massachusetts .....	2002 .. 11 068
		1997 .. N
	Michigan .....	2002 .. 90 593
		1997 .. N
	Minnesota .....	2002 .. 14 155
		1997 .. N
	Missouri .....	2002 .. 25 010
		1997 .. N
	New Jersey .....	2002 .. 5 704
	1997 .. N	
New York .....	2002 .. 40 774	
	1997 .. N	
North Carolina .....	2002 .. 98 473	
	1997 .. N	
Ohio .....	2002 .. 32 880	
	1997 .. N	
Pennsylvania .....	2002 .. 32 574	
	1997 .. N	
Tennessee .....	2002 .. 77 917	
	1997 .. N	
Washington .....	2002 .. 9 070	
	1997 .. N	
Wisconsin .....	2002 .. 23 500	
	1997 .. N	
3379101	Mattresses, innerspring (including polyurethane, rubber topper pads, and mattresses sold as part of Hollywood beds), except crib-size	
	United States .....	2002 .. 2 820 056
		1997 .. 2 133 590
	Arizona .....	2002 .. 61 782
		1997 .. 31 690
	California .....	2002 .. 361 295
		1997 .. 276 679
	Colorado .....	2002 .. 81 880
		1997 .. 41 631
	Florida .....	2002 .. 203 282
		1997 .. 167 078
	Georgia .....	2002 .. 105 074
		1997 .. 85 809
	Illinois .....	2002 .. 85 088
		1997 .. 59 243
	Indiana .....	2002 .. 44 467
		1997 .. 36 600
	Maryland .....	2002 .. 61 535
		1997 .. 55 242
	Massachusetts .....	2002 .. 102 958
		1997 .. 58 855
	Michigan .....	2002 .. 69 328
		1997 .. 55 405
	Minnesota .....	2002 .. 26 280
		1997 .. 37 404
	Mississippi .....	2002 .. 43 193
		1997 .. 41 338
	Missouri .....	2002 .. 30 025
		1997 .. 26 188
	New Jersey .....	2002 .. 248 842
		1997 .. 123 182
	New York .....	2002 .. 74 676
		1997 .. 42 866
	North Carolina .....	2002 .. 153 340
	1997 .. 89 535	
Ohio .....	2002 .. 118 900	
	1997 .. 105 924	
Oklahoma .....	2002 .. 27 836	
	1997 .. 20 293	
Oregon .....	2002 .. 35 872	
	1997 .. 23 574	
Pennsylvania .....	2002 .. 111 348	
	1997 .. 76 476	
Tennessee .....	2002 .. 49 083	
	1997 .. 57 561	
Texas .....	2002 .. 208 682	
	1997 .. 151 205	
Virginia .....	2002 .. 122 368	
	1997 .. 68 393	
Washington .....	2002 .. 63 864	
	1997 .. 57 056	
Wisconsin .....	2002 .. 82 164	
	1997 .. 100 113	
3379104	Mattresses, other types	
	United States .....	2002 .. 486 185
		1997 .. 347 067
	Florida .....	2002 .. 42 807
		1997 .. 23 991
	Indiana .....	2002 .. 24 070
	1997 .. 8 962	
	2002 .. 19 597	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3379104	Mattresses, other types—Con.	
	New York—Con.	
	Texas .....	1997.. 2 188
	.....	2002.. 14 716
	.....	1997.. 13 906
3379107	Foundations, except innerspring units and foundations incorporated into hybrid-type flotation sleep ensembles and electric adjustable sleep ensembles	
	United States.....	2002.. 1 234 994
	.....	1997.. 1 124 080
	Arizona .....	2002.. 40 724
	.....	1997.. 23 208
	California .....	2002.. 139 566
	.....	1997.. 107 640
	Florida .....	2002.. 65 631
	.....	1997.. 77 366
	Georgia .....	2002.. 45 512
	.....	1997.. 56 702
	Illinois .....	2002.. 49 362
	.....	1997.. 40 438
	Indiana .....	2002.. 15 385
	.....	1997.. 14 151
	Massachusetts .....	2002.. 76 167
	.....	1997.. 65 164
	Michigan.....	2002.. 9 805
	.....	1997.. 9 994
	Missouri .....	2002.. 4 309
	.....	1997.. 16 109
	New Jersey .....	2002.. 33 113
	.....	1997.. 46 547
	New York .....	2002.. 43 982
	.....	1997.. N
	North Carolina.....	2002.. 48 805
.....	1997.. 65 396	
Ohio .....	2002.. 58 161	
.....	1997.. 70 836	
Oklahoma .....	2002.. 18 173	
.....	1997.. 10 451	
Pennsylvania.....	2002.. 53 319	
.....	1997.. 46 729	
Tennessee.....	2002.. 17 134	
.....	1997.. 38 869	
Texas .....	2002.. 106 359	
.....	1997.. 74 343	
Utah .....	2002.. 46 173	
.....	1997.. 9 289	
Washington .....	2002.. 25 944	
.....	1997.. 29 935	
Wisconsin .....	2002.. 81 745	
.....	1997.. 58 229	
337910A	Sleep system ensembles and mattresses, except conventional waterbeds	
	United States.....	2002.. 97 632
	.....	1997.. 73 357
	Florida .....	2002.. 2 067
	.....	1997.. 2 947
	Indiana .....	2002.. 15 054
.....	1997.. N	
New York .....	2002.. 2 064	
.....	1997.. N	
3379202	Window shades, including accessories and rollers	
	United States.....	2002.. 609 578
	.....	1997.. N
	California .....	2002.. 103 357
	.....	1997.. N
	Florida .....	2002.. 39 548
	.....	1997.. N
	Indiana .....	2002.. 39 172
	.....	1997.. N
	New Jersey .....	2002.. 29 545
	.....	1997.. N
	New York .....	2002.. 36 042
	.....	1997.. N
Pennsylvania.....	2002.. 13 593	
.....	1997.. N	
Texas .....	2002.. 36 053	
.....	1997.. N	
3379204	Venetian blinds, including components and parts	
	United States.....	2002.. 929 737
	.....	1997.. 1 128 102
	California .....	2002.. 267 811
	.....	1997.. 272 199
	Florida .....	2002.. 69 570
	.....	1997.. 96 320
	Indiana .....	2002.. 14 492
	.....	1997.. 34 705
	Michigan.....	2002.. 4 539
	.....	1997.. 6 864
	New Jersey .....	2002.. 23 822
	.....	1997.. 48 708
North Carolina.....	2002.. 2 839	
.....	1997.. 7 061	
Pennsylvania.....	2002.. 101 581	
.....	1997.. N	
Texas .....	2002.. 169 647	
.....	1997.. 193 247	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3379208	Blinds and shades, other types (including curtain and drapery fixtures, poles, and rods)	
	United States .....	2002 .. 785 026
		1997 .. N
	California .....	2002 .. 123 004
		1997 .. N
	Florida .....	2002 .. 41 848
		1997 .. N
	Indiana .....	2002 .. 37 545
		1997 .. N
	New Jersey .....	2002 .. 3 171
	1997 .. N	
Pennsylvania .....	2002 .. 46 129	
	1997 .. N	
Texas .....	2002 .. 36 427	
	1997 .. N	
3391114	Hospital beds	
	United States .....	2002 .. 765 977
	1997 .. N	
3391116	Hospital furniture	
	United States .....	2002 .. 882 281
	1997 .. N	
3391118	Laboratory apparatus and furniture	
	United States .....	2002 .. 2 795 932
		1997 .. N
	Arizona .....	2002 .. 8 692
		1997 .. N
	Colorado .....	2002 .. 57 330
		1997 .. N
	Illinois .....	2002 .. 100 648
		1997 .. N
	Massachusetts .....	2002 .. 169 748
		1997 .. N
	Michigan .....	2002 .. 94 018
		1997 .. N
	Missouri .....	2002 .. 32 803
	1997 .. N	
North Carolina .....	2002 .. 92 024	
	1997 .. N	
Ohio .....	2002 .. 257 204	
	1997 .. N	
Pennsylvania .....	2002 .. 301 422	
	1997 .. N	
3391120	Surgical and medical instruments	
	United States .....	2002 .. 20 450 459
		1997 .. N
	Alabama .....	2002 .. 22 696
		1997 .. N
	Arizona .....	2002 .. 176 173
		1997 .. N
	California .....	2002 .. 3 777 234
		1997 .. N
	Colorado .....	2002 .. 906 488
		1997 .. N
	Connecticut .....	2002 .. 880 865
		1997 .. N
	Florida .....	2002 .. 1 082 485
		1997 .. N
	Illinois .....	2002 .. 192 897
		1997 .. N
	Indiana .....	2002 .. 573 183
		1997 .. N
	Iowa .....	2002 .. 38 371
		1997 .. N
	Louisiana .....	2002 .. 8 307
		1997 .. N
	Maryland .....	2002 .. 137 710
		1997 .. N
	Massachusetts .....	2002 .. 1 630 761
		1997 .. N
	Michigan .....	2002 .. 347 374
		1997 .. N
	Minnesota .....	2002 .. 933 493
		1997 .. N
	Missouri .....	2002 .. 267 717
	1997 .. N	
Montana .....	2002 .. 8 361	
	1997 .. N	
New Hampshire .....	2002 .. 295 464	
	1997 .. N	
New Jersey .....	2002 .. 603 485	
	1997 .. N	
New York .....	2002 .. 1 016 976	
	1997 .. N	
North Carolina .....	2002 .. 686 439	
	1997 .. N	
Ohio .....	2002 .. 449 163	
	1997 .. N	
Oregon .....	2002 .. 66 210	
	1997 .. N	
Pennsylvania .....	2002 .. 1 484 505	
	1997 .. N	
Texas .....	2002 .. 719 022	
	1997 .. N	
Utah .....	2002 .. 655 539	
	1997 .. N	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3391120	Surgical and medical instruments—Con.	
	Virginia .....	2002.. 102 356
	.....	1997.. N
	Washington .....	2002.. 191 940
	.....	1997.. N
3391132	Wisconsin .....	2002.. 367 122
	.....	1997.. N
	Surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic	
	United States .....	2002.. 17 992 253
	.....	1997.. N
3391136	Alabama .....	2002.. 65 675
	.....	1997.. N
	Arizona .....	2002.. 575 044
	.....	1997.. N
	Arkansas .....	2002.. 21 589
3391136	.....	1997.. N
	California .....	2002.. 3 481 187
	.....	1997.. N
	Colorado .....	2002.. 77 019
	.....	1997.. N
3391136	Connecticut .....	2002.. 206 860
	.....	1997.. N
	Florida .....	2002.. 1 135 506
	.....	1997.. N
	Georgia .....	2002.. 586 043
3391136	.....	1997.. N
	Illinois .....	2002.. 178 761
	.....	1997.. N
	Indiana .....	2002.. 2 555 771
	.....	1997.. N
3391136	Iowa .....	2002.. 5 615
	.....	1997.. N
	Kentucky .....	2002.. 48 168
	.....	1997.. N
	Maryland .....	2002.. 52 132
3391136	.....	1997.. N
	Massachusetts .....	2002.. 613 911
	.....	1997.. N
	Michigan .....	2002.. 430 322
	.....	1997.. N
3391136	Missouri .....	2002.. 130 275
	.....	1997.. N
	New Hampshire .....	2002.. 40 660
	.....	1997.. N
	New Jersey .....	2002.. 1 712 224
3391136	.....	1997.. N
	New York .....	2002.. 351 883
	.....	1997.. N
	Ohio .....	2002.. 712 797
	.....	1997.. N
3391136	Pennsylvania .....	2002.. 451 905
	.....	1997.. N
	South Carolina .....	2002.. 315 050
	.....	1997.. N
	Tennessee .....	2002.. 777 092
3391136	.....	1997.. N
	Texas .....	2002.. 1 179 946
	.....	1997.. N
	Virginia .....	2002.. 265 765
	.....	1997.. N
3391136	Washington .....	2002.. 80 568
	.....	1997.. N
	Wisconsin .....	2002.. 125 614
	.....	1997.. N
	Personal safety equipment and clothing, industrial and nonindustrial	
3391136	United States .....	2002.. 2 797 747
	.....	1997.. N
	Alabama .....	2002.. 44 654
	.....	1997.. N
	Arizona .....	2002.. 95 314
3391136	.....	1997.. N
	California .....	2002.. 262 488
	.....	1997.. N
	Colorado .....	2002.. 22 717
	.....	1997.. N
3391136	Connecticut .....	2002.. 22 066
	.....	1997.. N
	Florida .....	2002.. 168 495
	.....	1997.. N
	Illinois .....	2002.. 63 511
3391136	.....	1997.. N
	Indiana .....	2002.. 10 305
	.....	1997.. N
	Maryland .....	2002.. 5 333
	.....	1997.. N
3391136	Massachusetts .....	2002.. 79 235
	.....	1997.. N
	Michigan .....	2002.. 97 986
	.....	1997.. N
	Missouri .....	2002.. 31 518
3391136	.....	1997.. N
	New Hampshire .....	2002.. 3 080
	.....	1997.. N
	New Jersey .....	2002.. 31 825
	.....	1997.. N
3391136	New York .....	2002.. 38 473
	.....	1997.. N
	Ohio .....	2002.. 114 356
	.....	1997.. N

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3391136	Personal safety equipment and clothing, industrial and nonindustrial—Con.	
	Pennsylvania .....	2002.. 649 510
		1997.. N
	Texas .....	2002.. 46 561
		1997.. N
	Virginia .....	2002.. 15 807
		1997.. N
	Washington .....	2002.. 18 665
		1997.. N
	Wisconsin .....	2002.. 5 130
		1997.. N
3391141	Dental equipment and supplies, professional	
	United States .....	2002.. 1 958 379
		1997.. 1 583 987
	California .....	2002.. 583 208
		1997.. 446 357
	Colorado .....	2002.. 38 861
		1997.. 44 082
	Florida .....	2002.. 6 068
		1997.. 10 495
	Illinois .....	2002.. 201 253
		1997.. 151 211
	Indiana .....	2002.. 29 714
		1997.. N
	Nevada .....	2002.. 3 964
		1997.. N
	New Jersey .....	2002.. 65 284
		1997.. 60 053
	New York .....	2002.. 68 058
		1997.. 33 655
	Oregon .....	2002.. 171 656
		1997.. 176 428
	Pennsylvania .....	2002.. 111 636
		1997.. 140 260
	Texas .....	2002.. 6 102
		1997.. 9 964
	Washington .....	2002.. 29 395
		1997.. 22 188
	Wisconsin .....	2002.. 5 109
		1997.. N
3391143	Dental equipment and supplies, laboratory	
	United States .....	2002.. 741 052
		1997.. 502 813
	Arizona .....	2002.. 3 020
		1997.. N
	California .....	2002.. 364 907
		1997.. 129 139
	Colorado .....	2002.. 5 413
		1997.. N
	Florida .....	2002.. 9 052
		1997.. N
	Illinois .....	2002.. 25 185
		1997.. 24 341
	Indiana .....	2002.. 24 506
		1997.. N
	New Jersey .....	2002.. 24 894
		1997.. 12 990
	New York .....	2002.. 70 677
		1997.. 138 540
	Ohio .....	2002.. 4 357
		1997.. 2 675
	Oregon .....	2002.. 14 234
		1997.. N
	Pennsylvania .....	2002.. 3 246
		1997.. N
	Texas .....	2002.. 8 000
		1997.. N
	Washington .....	2002.. 6 061
		1997.. N
3391151	Ophthalmic fronts and temples	
	United States .....	2002.. 167 114
		1997.. 92 719
	California .....	2002.. 4 961
		1997.. N
3391153	Ophthalmic focal lenses, glass	
	United States .....	2002.. 43 083
		1997.. 98 397
	California .....	2002.. 6 207
		1997.. 10 303
3391155	Ophthalmic focal lenses, plastics	
	United States .....	2002.. 823 909
		1997.. 609 618
3391157	Ophthalmic focal lenses, contact	
	United States .....	2002.. 1 852 962
		1997.. 1 335 186
	Texas .....	2002.. 7 337
		1997.. N

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
339115B	Ophthalmic goods, other types, including prescription ground eyeglass lenses	
	United States .....	2002.. 1 019 069
	California .....	1997.. 786 957
	Florida .....	2002.. 278 086
	Illinois .....	1997.. 284 646
	Massachusetts .....	2002.. 44 117
	Minnesota .....	1997.. 35 061
	New Jersey .....	2002.. 4 362
	New York .....	1997.. N
	Ohio .....	2002.. 67 346
	Pennsylvania .....	1997.. 78 038
	Texas .....	2002.. 55 212
	Texas .....	1997.. 24 978
	Texas .....	2002.. 33 583
	Texas .....	1997.. N
3391160	Dental laboratories	
	United States .....	2002.. 3 096 988
	Alabama .....	1997.. 2 707 433
	Alaska .....	2002.. 42 447
	Arizona .....	1997.. N
	Arkansas .....	2002.. 4 834
	California .....	1997.. N
	Colorado .....	2002.. 56 862
	Connecticut .....	1997.. N
	Delaware .....	2002.. 24 768
	Florida .....	1997.. N
	Georgia .....	2002.. 655 740
	Hawaii .....	1997.. N
	Idaho .....	2002.. 61 641
	Illinois .....	1997.. N
	Indiana .....	2002.. 52 838
	Iowa .....	1997.. N
	Kansas .....	2002.. 8 181
	Kentucky .....	1997.. N
	Louisiana .....	2002.. 143 772
	Maine .....	1997.. N
	Maryland .....	2002.. 106 006
	Massachusetts .....	1997.. N
	Michigan .....	2002.. 12 341
	Minnesota .....	1997.. N
	Mississippi .....	2002.. 16 059
	Missouri .....	1997.. N
	Montana .....	2002.. 114 340
	Nebraska .....	1997.. N
	Nevada .....	2002.. 61 024
	New Hampshire .....	1997.. N
	New Jersey .....	2002.. 23 659
	New Mexico .....	1997.. N
	New York .....	2002.. 53 594
	North Carolina .....	1997.. N
	North Dakota .....	2002.. 26 801
	Ohio .....	1997.. N
	Oklahoma .....	2002.. 31 877
	Oregon .....	1997.. N
	Pennsylvania .....	2002.. 8 135
	Pennsylvania .....	1997.. N
	Pennsylvania .....	2002.. 30 924
	Pennsylvania .....	1997.. N
	Pennsylvania .....	2002.. 76 362
	Pennsylvania .....	1997.. N
	Pennsylvania .....	2002.. 108 098
	Pennsylvania .....	1997.. N
	Pennsylvania .....	2002.. 104 244
	Pennsylvania .....	1997.. N
	Pennsylvania .....	2002.. 16 368
	Pennsylvania .....	1997.. N
Pennsylvania .....	2002.. 53 320	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 5 037	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 18 844	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 16 048	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 20 813	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 82 148	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 11 013	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 214 508	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 70 956	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 4 832	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 79 840	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 17 348	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 58 201	
Pennsylvania .....	1997.. N	
Pennsylvania .....	2002.. 136 526	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3391160	Dental laboratories—Con.	
	Pennsylvania—Con.	
	Rhode Island .....	1997.. N
	.....	2002.. 7 384
	South Carolina .....	1997.. N
	.....	2002.. 18 558
	South Dakota .....	1997.. N
	.....	2002.. 4 100
	Tennessee .....	1997.. N
	.....	2002.. 30 032
	Texas .....	1997.. N
	.....	2002.. 133 882
	Utah .....	1997.. N
	.....	2002.. 49 521
Vermont .....	1997.. N	
.....	2002.. 3 438	
Virginia .....	1997.. N	
.....	2002.. 43 179	
Washington .....	1997.. N	
.....	2002.. 92 608	
West Virginia .....	1997.. N	
.....	2002.. 5 783	
Wisconsin .....	1997.. N	
.....	2002.. 76 226	
.....	1997.. N	
3399111	Jewelry, gold and platinum, except gold and platinum clad or plated to silver and nonprecious metals	
	United States .....	2002.. 3 478 305
	.....	1997.. 3 163 116
	California .....	2002.. 459 288
	.....	1997.. 377 797
	Hawaii .....	2002.. 14 806
	.....	1997.. 17 973
	Illinois .....	2002.. 34 401
	.....	1997.. 67 463
	Massachusetts .....	2002.. 122 863
	.....	1997.. 185 707
	Michigan .....	2002.. 5 313
	.....	1997.. 27 250
	Minnesota .....	2002.. 16 533
	.....	1997.. 39 413
	New Jersey .....	2002.. 149 704
	.....	1997.. 214 338
	New Mexico .....	2002.. 22 351
	.....	1997.. 24 810
New York .....	2002.. 1 595 630	
.....	1997.. 1 237 099	
Pennsylvania .....	2002.. 55 801	
.....	1997.. 86 573	
Rhode Island .....	2002.. 300 885	
.....	1997.. 214 261	
South Dakota .....	2002.. 54 698	
.....	1997.. 69 249	
3399113	Jewelry, silver (including gold and platinum clad or plated to silver), except silver clad or plated to nonprecious metals	
	United States .....	2002.. 758 630
	.....	1997.. 398 559
	Colorado .....	2002.. 2 377
	.....	1997.. 2 020
	Massachusetts .....	2002.. 12 891
	.....	1997.. 21 241
	New Jersey .....	2002.. 5 065
	.....	1997.. 8 114
	New Mexico .....	2002.. 47 507
	.....	1997.. 65 517
Pennsylvania .....	2002.. 8 205	
.....	1997.. 8 247	
Rhode Island .....	2002.. 319 981	
.....	1997.. 54 145	
3399115	Jewelry, other metals and types, except costume	
	United States .....	2002.. 644 423
	.....	1997.. 452 381
	California .....	2002.. 60 073
	.....	1997.. 35 907
	Illinois .....	2002.. 2 535
	.....	1997.. N
	New Jersey .....	2002.. 13 862
	.....	1997.. 3 136
New Mexico .....	2002.. 3 940	
.....	1997.. 2 289	
New York .....	2002.. 371 269	
.....	1997.. 199 992	
3399117	Stamped metal coins, including tokens	
	United States .....	2002.. 35 048
	.....	1997.. N
Michigan .....	2002.. 2 282	
.....	1997.. N	
3399122	Hollowware (including baby goods, ecclesiastical ware, novelties, toiletware, and trophies), precious metal and pewter	
	United States .....	2002.. 122 197
	.....	1997.. N
Ohio .....	2002.. 5 672	
.....	1997.. N	

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3399125	Silverware (flatware and cutlery) (including knives, forks, spoons, and carving sets made wholly of metal), precious metal and pewter	
	United States .....	266 453
		1997.. N
3399132	Lapidary work (including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes), except for watch jewels	
	United States .....	346 217
		1997.. N
3399133	Jewelers' findings and materials, precious metal (excluding gold, platinum, and silver plated to nonprecious metal)	
	United States .....	581 336
		1997.. 407 591
3399135	Other jewelers' findings and materials, including gold, platinum, and silver plated to nonprecious metal	
	United States .....	45 480
		1997.. 68 358
3399140	Costume jewelry and novelties	
	United States .....	836 011
		1997.. 1 239 333
3399201	Fishing tackle and equipment	
	United States .....	652 590
		1997.. 683 057
3399203	Golf equipment, except apparel and shoes	
	United States .....	2 813 177
		1997.. 2 921 096
3399205	Playground equipment	
	United States .....	861 858
		1997.. 756 549

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3399205	Playground equipment—Con.	
	Indiana .....	2002 .. 6 033
	.....	1997 .. N
	Ohio .....	2002 .. 6 310
	.....	1997 .. N
Texas .....	2002 .. 75 261	
.....	1997 .. 22 092	
Wisconsin .....	2002 .. 61 942	
.....	1997 .. N	
3399207	Gymnasium and exercise equipment	
	United States .....	2002 .. 2 270 713
	.....	1997 .. 1 424 482
	California .....	2002 .. 159 221
	.....	1997 .. 185 351
	Colorado .....	2002 .. 24 658
	.....	1997 .. 3 929
	Minnesota .....	2002 .. 87 648
	.....	1997 .. 192 945
	Missouri .....	2002 .. 112 547
	.....	1997 .. 52 917
	New Jersey .....	2002 .. 54 281
	.....	1997 .. N
Pennsylvania .....	2002 .. 62 612	
.....	1997 .. 23 142	
Texas .....	2002 .. 235 541	
.....	1997 .. 82 845	
339920A	Other sporting and athletic goods	
	United States .....	2002 .. 3 377 637
	.....	1997 .. N
	Alabama .....	2002 .. 11 877
	.....	1997 .. N
	Arizona .....	2002 .. 98 920
	.....	1997 .. N
	California .....	2002 .. 483 725
	.....	1997 .. N
	Colorado .....	2002 .. 46 837
	.....	1997 .. N
	Connecticut .....	2002 .. 14 169
	.....	1997 .. N
	Florida .....	2002 .. 60 292
	.....	1997 .. N
	Georgia .....	2002 .. 18 496
	.....	1997 .. N
	Hawaii .....	2002 .. 9 775
	.....	1997 .. N
	Idaho .....	2002 .. 25 274
	.....	1997 .. N
	Illinois .....	2002 .. 147 640
	.....	1997 .. N
	Indiana .....	2002 .. 131 468
	.....	1997 .. N
	Iowa .....	2002 .. 53 527
	.....	1997 .. N
	Louisiana .....	2002 .. 13 456
	.....	1997 .. N
	Maryland .....	2002 .. 13 913
	.....	1997 .. N
	Massachusetts .....	2002 .. 94 283
	.....	1997 .. N
	Michigan .....	2002 .. 158 658
	.....	1997 .. N
	Minnesota .....	2002 .. 64 179
	.....	1997 .. N
	Mississippi .....	2002 .. 15 642
	.....	1997 .. N
	Missouri .....	2002 .. 94 203
	.....	1997 .. N
	Nebraska .....	2002 .. 8 532
	.....	1997 .. N
	Nevada .....	2002 .. 14 642
	.....	1997 .. N
	New Hampshire .....	2002 .. 3 874
	.....	1997 .. N
	New Jersey .....	2002 .. 76 425
	.....	1997 .. N
	New York .....	2002 .. 79 666
.....	1997 .. N	
North Carolina .....	2002 .. 27 082	
.....	1997 .. N	
Ohio .....	2002 .. 66 203	
.....	1997 .. N	
Oklahoma .....	2002 .. 19 323	
.....	1997 .. N	
Oregon .....	2002 .. 45 851	
.....	1997 .. N	
Pennsylvania .....	2002 .. 128 997	
.....	1997 .. N	
Texas .....	2002 .. 140 986	
.....	1997 .. N	
Utah .....	2002 .. 449 652	
.....	1997 .. N	
Virginia .....	2002 .. 121 208	
.....	1997 .. N	
Washington .....	2002 .. 75 749	
.....	1997 .. N	
Wisconsin .....	2002 .. 165 228	
.....	1997 .. N	
3399310	Dolls, toy animals, action figures, and stuffed toys (including parts and accessories)	

See footnotes at end of table.



**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3399310	Dolls, toy animals, action figures, and stuffed toys (including parts and accessories)—Con.	
	United States .....	2002.. 272 644
		1997.. 297 496
	California .....	2002.. 11 104
		1997.. N
	Colorado .....	2002.. 43 360
		1997.. N
	Illinois .....	2002.. 8 704
		1997.. N
	Michigan .....	2002.. 2 711
		1997.. N
	Missouri .....	2002.. 2 089
		1997.. N
	New York .....	2002.. 56 054
	1997.. N	
3399322	Baby carriages and children's vehicles (including parts for children's vehicles sold separately), excluding bicycles with pneumatic tires	
	United States .....	2002.. 170 332
	1997.. N	
3399326	Models (operating and static), craft kits and supplies, natural science kits and sets, and collectors' miniatures	
	United States .....	2002.. 495 042
		1997.. N
	Arizona .....	2002.. 4 220
		1997.. N
	California .....	2002.. 55 012
		1997.. N
	Illinois .....	2002.. 52 371
		1997.. N
	Indiana .....	2002.. 16 947
		1997.. N
Oregon .....	2002.. 7 477	
	1997.. N	
Pennsylvania .....	2002.. 58 119	
	1997.. N	
3399327	Nonelectronic games and puzzles, including parts	
	United States .....	2002.. 393 756
		1997.. 638 310
3399328	Other nonelectronic toys, including parts	
	California .....	2002.. 8 189
	1997.. 13 115	
3399328	Other nonelectronic toys, including parts	
	United States .....	2002.. 1 168 912
		1997.. N
	California .....	2002.. 76 714
		1997.. N
	Massachusetts .....	2002.. 71 285
		1997.. N
	New Jersey .....	2002.. 58 440
		1997.. N
	New York .....	2002.. 13 752
	1997.. N	
3399329	Other electronic toys and games (including home video games), except cartridges, disks, and tapes	
	United States .....	2002.. 747 123
	1997.. 188 111	
3399411	Ballpoint and roller pens	
	United States .....	2002.. 623 804
		1997.. 772 423
	California .....	2002.. 52 348
		1997.. N
	Massachusetts .....	2002.. 7 642
		1997.. N
	New Jersey .....	2002.. 13 045
	1997.. N	
3399413	Markers	
	New Jersey .....	2002.. 33 961
	1997.. 21 244	
3399415	Other pens, mechanical pencils, and parts for pens, markers, and mechanical pencils	
	United States .....	2002.. 192 772
		1997.. 254 336
	Florida .....	2002.. 13 188
		1997.. N
New Jersey .....	2002.. 13 457	
	1997.. 27 661	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3399421	Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards United States .....	2002 .. 505 638
		1997 .. 497 609
3399423	Artists' equipment and materials United States .....	2002 .. 406 327
		1997 .. 284 932
Indiana	.....	2002 .. 2 680
	.....	1997 .. N
New Jersey	.....	2002 .. 19 942
	.....	1997 .. 51 594
Wisconsin	.....	2002 .. 8 139
	.....	1997 .. N
3399427	Nonelectric office machines (including gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers) United States .....	2002 .. 170 810
		1997 .. N
3399430	Marking devices United States .....	2002 .. 520 021
		1997 .. 644 415
Arkansas	.....	2002 .. 2 638
California	.....	1997 .. N
Colorado	.....	2002 .. 70 366
Connecticut	.....	1997 .. N
Florida	.....	2002 .. 8 523
Georgia	.....	1997 .. N
Idaho	.....	2002 .. 9 690
Illinois	.....	1997 .. N
Indiana	.....	2002 .. 44 477
Iowa	.....	1997 .. N
Kansas	.....	2002 .. 5 328
Massachusetts	.....	1997 .. N
Michigan	.....	2002 .. 44 415
Minnesota	.....	1997 .. N
Missouri	.....	2002 .. 7 820
New Hampshire	.....	1997 .. N
New Jersey	.....	2002 .. 5 425
New York	.....	1997 .. N
North Carolina	.....	2002 .. 3 092
North Dakota	.....	1997 .. N
Ohio	.....	2002 .. 11 768
Oklahoma	.....	1997 .. N
Oregon	.....	2002 .. 10 198
Pennsylvania	.....	1997 .. N
Texas	.....	2002 .. 3 615
Utah	.....	1997 .. N
Virginia	.....	2002 .. 5 274
Washington	.....	1997 .. N
Wisconsin	.....	2002 .. 5 001
	.....	1997 .. N
3399441	Inked ribbons United States .....	2002 .. 506 799
		1997 .. 692 017
California	.....	2002 .. 34 792
Ohio	.....	1997 .. 65 461
	.....	2002 .. 35 101
	.....	1997 .. 10 099
3399443	Carbon paper and stencil paper United States .....	2002 .. 90 137
		1997 .. 85 805
3399501	Electric signs United States .....	2002 .. 2 577 775
		1997 .. 2 061 111
Alaska	.....	2002 .. 2 428
	.....	1997 .. 2 155

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3399501	Electric signs—Con.	
	Arizona ..... 2002..	87 856
	..... 1997..	63 035
	Arkansas ..... 2002..	15 093
	..... 1997..	18 672
	California ..... 2002..	211 147
	..... 1997..	226 329
	Colorado ..... 2002..	42 011
	..... 1997..	23 737
	Connecticut ..... 2002..	86 887
	..... 1997..	49 568
	Florida ..... 2002..	105 506
	..... 1997..	89 003
	Georgia ..... 2002..	28 980
	..... 1997..	38 504
	Idaho ..... 2002..	15 855
	..... 1997..	9 215
	Illinois ..... 2002..	153 129
	..... 1997..	108 268
	Iowa ..... 2002..	32 539
	..... 1997..	18 723
	Kentucky ..... 2002..	51 958
	..... 1997..	10 878
	Louisiana ..... 2002..	15 111
	..... 1997..	18 303
	Maine ..... 2002..	5 259
	..... 1997..	3 717
	Massachusetts ..... 2002..	18 424
	..... 1997..	17 250
	Michigan ..... 2002..	61 083
	..... 1997..	108 271
	Minnesota ..... 2002..	60 541
	..... 1997..	47 808
	Mississippi ..... 2002..	15 261
	..... 1997..	19 441
	Missouri ..... 2002..	39 522
	..... 1997..	32 384
	Montana ..... 2002..	6 500
	..... 1997..	N
	Nebraska ..... 2002..	16 402
	..... 1997..	19 951
	Nevada ..... 2002..	112 404
	..... 1997..	70 076
	New Hampshire ..... 2002..	6 131
	..... 1997..	N
	New Jersey ..... 2002..	67 898
	..... 1997..	69 123
	New Mexico ..... 2002..	5 372
	..... 1997..	4 869
	New York ..... 2002..	67 471
	..... 1997..	73 205
	North Carolina ..... 2002..	52 132
	..... 1997..	31 294
	Ohio ..... 2002..	95 356
	..... 1997..	114 334
	Pennsylvania ..... 2002..	122 859
	..... 1997..	68 087
	Rhode Island ..... 2002..	6 652
	..... 1997..	N
	South Carolina ..... 2002..	68 988
	..... 1997..	26 026
	Tennessee ..... 2002..	62 976
	..... 1997..	70 951
	Texas ..... 2002..	170 563
	..... 1997..	121 574
	Utah ..... 2002..	60 315
	..... 1997..	17 135
	Washington ..... 2002..	48 442
	..... 1997..	34 220
3399503	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays	
	United States ..... 2002..	3 149 985
	..... 1997..	2 438 678
	Alaska ..... 2002..	3 064
	..... 1997..	N
	California ..... 2002..	289 171
	..... 1997..	160 172
	Florida ..... 2002..	65 225
	..... 1997..	61 274
	Georgia ..... 2002..	100 332
	..... 1997..	48 902
	Illinois ..... 2002..	322 506
	..... 1997..	265 287
	Indiana ..... 2002..	86 892
	..... 1997..	28 115
	Kansas ..... 2002..	46 917
	..... 1997..	27 173
	Maine ..... 2002..	3 887
	..... 1997..	N
	Maryland ..... 2002..	20 903
	..... 1997..	49 562
	Massachusetts ..... 2002..	74 703
	..... 1997..	35 487
	Michigan ..... 2002..	140 711
	..... 1997..	134 410
	Minnesota ..... 2002..	167 601
	..... 1997..	97 748
	Mississippi ..... 2002..	11 985
	..... 1997..	6 983
	Missouri ..... 2002..	61 201
	..... 1997..	60 979
	Nebraska ..... 2002..	4 376

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3399503	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays—Con.	
	Nebraska—Con.	
	Nevada .....	1997 .. 2 171
	.....	2002 .. 19 526
	New Jersey .....	1997 .. 15 406
	.....	2002 .. 97 674
	New Mexico .....	1997 .. 198 549
	.....	2002 .. 5 590
	New York .....	1997 .. N
	.....	2002 .. 260 533
	North Carolina .....	1997 .. 231 237
	.....	2002 .. 42 622
	Ohio .....	1997 .. 29 779
	.....	2002 .. 232 428
	Oklahoma .....	1997 .. 201 438
	.....	2002 .. 14 250
	Oregon .....	1997 .. 3 557
	.....	2002 .. 58 534
	Pennsylvania .....	1997 .. 22 315
	.....	2002 .. 174 536
Rhode Island .....	1997 .. 138 637	
.....	2002 .. 32 047	
Tennessee .....	1997 .. 17 331	
.....	2002 .. 24 731	
Texas .....	1997 .. 27 383	
.....	2002 .. 151 777	
Virginia .....	1997 .. 62 210	
.....	2002 .. 66 563	
Washington .....	1997 .. 25 472	
.....	2002 .. 28 110	
Wisconsin .....	1997 .. 16 964	
.....	2002 .. 180 768	
.....	1997 .. 155 953	
3399505	Advertising specialties	
	United States .....	2002 .. 1 309 686
	.....	1997 .. 1 337 104
	California .....	2002 .. 75 603
	.....	1997 .. 109 728
	Florida .....	2002 .. 58 482
	.....	1997 .. 31 736
	Georgia .....	2002 .. 9 052
	.....	1997 .. 21 474
	Illinois .....	2002 .. 88 507
	.....	1997 .. 171 561
	Massachusetts .....	2002 .. 88 499
	.....	1997 .. 54 388
	Michigan .....	2002 .. 2 297
	.....	1997 .. N
	Minnesota .....	2002 .. 40 053
	.....	1997 .. 36 987
	Missouri .....	2002 .. 82 889
	.....	1997 .. 70 349
	New Jersey .....	2002 .. 160 405
	.....	1997 .. 145 513
	New York .....	2002 .. 190 061
	.....	1997 .. 92 030
	North Carolina .....	2002 .. 3 802
	.....	1997 .. 3 879
	Ohio .....	2002 .. 91 784
	.....	1997 .. 53 389
Pennsylvania .....	2002 .. 66 432	
.....	1997 .. 99 904	
Rhode Island .....	2002 .. 27 472	
.....	1997 .. 39 482	
Tennessee .....	2002 .. 58 194	
.....	1997 .. 48 621	
Texas .....	2002 .. 93 101	
.....	1997 .. 63 080	
3399911	Packing, compression type	
	United States .....	2002 .. 310 725
	.....	1997 .. 208 499
Ohio .....	2002 .. 2 162	
.....	1997 .. N	
3399913	Gaskets and gasketing, nonmetallic	
	United States .....	2002 .. 1 487 015
	.....	1997 .. 1 279 526
	Illinois .....	2002 .. 204 522
	.....	1997 .. 270 174
	Michigan .....	2002 .. 44 201
	.....	1997 .. 15 897
	Minnesota .....	2002 .. 149 012
	.....	1997 .. 59 755
	New Jersey .....	2002 .. 24 326
	.....	1997 .. 11 666
	New York .....	2002 .. 174 187
	.....	1997 .. 179 217
	North Carolina .....	2002 .. 24 324
	.....	1997 .. 18 482
	Ohio .....	2002 .. 93 757
	.....	1997 .. 40 902
	Oklahoma .....	2002 .. 4 483
	.....	1997 .. 3 717
Oregon .....	2002 .. 14 818	
.....	1997 .. 10 119	
Pennsylvania .....	2002 .. 34 209	
.....	1997 .. 35 071	
Tennessee .....	2002 .. 82 365	
.....	1997 .. 91 589	

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3399913	Gaskets and gasketing, nonmetallic—Con.	
	Texas ..... 2002..	83 388
	..... 1997..	50 511
	Virginia ..... 2002..	76 484
	..... 1997..	34 186
	Wisconsin ..... 2002..	45 822
	..... 1997..	77 345
3399915	Packing and seals, molded	
	United States ..... 2002..	1 235 700
	..... 1997..	1 066 901
	California ..... 2002..	111 818
	..... 1997..	161 042
	Connecticut ..... 2002..	25 811
	..... 1997..	24 259
	Illinois ..... 2002..	71 577
	..... 1997..	79 546
	Indiana ..... 2002..	51 876
	..... 1997..	20 610
	Massachusetts ..... 2002..	40 955
	..... 1997..	66 502
	New Jersey ..... 2002..	57 272
	..... 1997..	28 029
	Ohio ..... 2002..	76 027
	..... 1997..	53 102
	Pennsylvania ..... 2002..	15 111
	..... 1997..	N
	Texas ..... 2002..	108 698
	..... 1997..	74 623
	Virginia ..... 2002..	13 684
	..... 1997..	N
3399917	Gaskets and seals, metallic and machined	
	United States ..... 2002..	761 102
	..... 1997..	873 404
	California ..... 2002..	92 016
	..... 1997..	27 323
	Connecticut ..... 2002..	26 413
	..... 1997..	26 486
	Illinois ..... 2002..	126 859
	..... 1997..	N
	Michigan ..... 2002..	6 953
	..... 1997..	N
	Pennsylvania ..... 2002..	2 052
	..... 1997..	3 812
	Texas ..... 2002..	80 133
	..... 1997..	73 605
3399918	Seals, axial, mechanical face, including parts	
	United States ..... 2002..	207 334
	..... 1997..	257 291
3399919	Seals, rotary oil	
	United States ..... 2002..	558 796
	..... 1997..	684 255
	Illinois ..... 2002..	31 826
	..... 1997..	N
3399921	Pianos, nonelectronic	
	United States ..... 2002..	173 794
	..... 1997..	189 926
3399923	Organs	
	United States ..... 2002..	105 608
	..... 1997..	89 037
	Massachusetts ..... 2002..	8 323
	..... 1997..	3 452
	Texas ..... 2002..	2 015
	..... 1997..	N
3399925	Pianos (nonelectronic) and organs, parts, except benches	
	United States ..... 2002..	49 941
	..... 1997..	59 300
3399927	Musical instruments, other types, including parts	
	United States ..... 2002..	1 308 744
	..... 1997..	834 262
	Arizona ..... 2002..	10 002
	..... 1997..	N
	California ..... 2002..	413 826
	..... 1997..	191 593
	Illinois ..... 2002..	43 966
	..... 1997..	43 721
	Massachusetts ..... 2002..	69 989
	..... 1997..	38 806
	Texas ..... 2002..	7 802
	..... 1997..	N
	Washington ..... 2002..	22 808
	..... 1997..	8 460

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)	
3399931	Buttons and button parts, including button backs, blanks, and molds (excluding buttons and button parts made of precious metals and precious and semiprecious stones)		
	United States .....	2002.. 203 639	
	United States .....	1997.. 282 403	
	Connecticut .....	2002.. 35 262	
	Connecticut .....	1997.. 32 678	
3399933	Zippers and slide fasteners, excluding zippers and slide fasteners made of precious metals and precious and semiprecious stones	New Jersey .....	
		New Jersey .....	2002.. 8 965
		New Jersey .....	1997.. 7 845
3399935	Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones	United States .....	
		United States .....	2002.. 133 255
		United States .....	1997.. 249 546
		New York .....	2002.. 9 803
		New York .....	1997.. 16 742
3399941	Brooms, mops, and dusters	United States .....	
		United States .....	2002.. 546 110
		United States .....	1997.. 622 479
		California .....	2002.. 19 551
		California .....	1997.. 13 487
		Illinois .....	2002.. 90 960
		Illinois .....	1997.. 67 974
		New Jersey .....	2002.. 9 973
3399943	Brushes and holders, pads, roller frames and rollers (including replacement rollers), paint and varnish	United States .....	
		United States .....	2002.. 490 584
		United States .....	1997.. 423 613
		California .....	2002.. 21 005
		California .....	1997.. 6 227
		Illinois .....	2002.. 20 199
		Illinois .....	1997.. N
		New York .....	2002.. 22 639
		New York .....	1997.. 52 362
		Texas .....	2002.. 2 016
3399945	Brushes, other types	United States .....	
		United States .....	2002.. 862 496
		United States .....	1997.. 872 801
		California .....	2002.. 51 021
		California .....	1997.. 39 839
		Illinois .....	2002.. 87 680
		Illinois .....	1997.. 65 078
		Michigan .....	2002.. 48 378
		Michigan .....	1997.. 33 124
		New York .....	2002.. 19 426
		New York .....	1997.. 36 179
		Ohio .....	2002.. 105 691
		Ohio .....	1997.. 75 693
3399951	Burial caskets and coffins, completely lined and trimmed, adult sizes only, metal	Pennsylvania .....	
		Pennsylvania .....	2002.. 79 560
		Pennsylvania .....	1997.. 64 942
		Texas .....	2002.. 27 763
		Texas .....	1997.. 18 114
3399955	Burial caskets and coffins, completely lined and trimmed, adult sizes only, wood	United States .....	
		United States .....	2002.. 273 709
		United States .....	1997.. 317 604
		Indiana .....	2002.. 7 633
3399955	Burial caskets and coffins, other types (including burial boxes and vaults (except concrete and stone), casket shells, casket shipping cases and containers, and children's)	Indiana .....	
		Indiana .....	2002.. 14 859
		Indiana .....	1997.. 24 270
		United States .....	2002.. 81 462
		United States .....	
		United States .....	1997.. 65 817

See footnotes at end of table.

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Product class code	Product class and geographic area	Value of product shipments (\$1,000)
3399991	Fire extinguishing equipment, hand-portable and fixed-system (except water sprinkler systems), including parts and attachments	
	United States .....	2002.. 627 804
	California .....	1997.. 543 864
	California .....	2002.. 26 851
		1997.. N
3399993	Coin-operated amusement machines, except jukeboxes	
	United States .....	2002.. 1 198 531
	Illinois .....	1997.. 866 254
	Illinois .....	2002.. 255 318
		1997.. 246 567
3399995	Candles, including tapers	
	United States .....	2002.. 1 266 915
	Arizona .....	1997.. 907 663
	Arizona .....	2002.. 21 909
	California .....	1997.. N
	California .....	2002.. 134 778
	Florida .....	1997.. 75 762
	Florida .....	2002.. 15 810
	New York .....	1997.. N
	New York .....	2002.. 87 761
	North Carolina .....	1997.. 58 161
	North Carolina .....	2002.. 91 956
	Pennsylvania .....	1997.. N
	Pennsylvania .....	2002.. 11 480
Texas .....	1997.. 5 289	
Texas .....	2002.. 161 404	
		1997.. 92 251
3399997	Umbrellas and parasols, including parts	
	United States .....	2002.. 70 201
	New Jersey .....	1997.. 74 927
	New Jersey .....	2002.. 19 488
		1997.. 31 555
3399999	Artificial trees, flowers, fruits, and wreaths, including feathers and plumes	
	United States .....	2002.. 260 711
	California .....	1997.. 250 304
	California .....	2002.. 48 113
	New York .....	1997.. 34 365
	New York .....	2002.. 5 079
	Texas .....	1997.. 27 475
	Texas .....	2002.. 5 927
	Wisconsin .....	1997.. 25 219
	Wisconsin .....	2002.. 5 456
		1997.. 2 165
339999E	Mirror and picture frames and framed pictures	
	United States .....	2002.. 1 435 148
	Alabama .....	1997.. N
	Alabama .....	2002.. 43 718
	Arkansas .....	1997.. N
	Arkansas .....	2002.. 76 264
	California .....	1997.. N
	California .....	2002.. 296 616
	Colorado .....	1997.. N
	Colorado .....	2002.. 2 763
	Florida .....	1997.. N
	Florida .....	2002.. 12 063
	Georgia .....	1997.. N
	Georgia .....	2002.. 9 020
	Illinois .....	1997.. N
	Illinois .....	2002.. 44 770
	Maryland .....	1997.. N
	Maryland .....	2002.. 4 077
	Massachusetts .....	1997.. N
	Massachusetts .....	2002.. 19 161
	Michigan .....	1997.. N
	Michigan .....	2002.. 7 049
	Minnesota .....	1997.. N
	Minnesota .....	2002.. 9 398
	Missouri .....	1997.. N
	Missouri .....	2002.. 18 713
	New Jersey .....	1997.. N
	New Jersey .....	2002.. 66 027
	New York .....	1997.. N
	New York .....	2002.. 140 236
	Ohio .....	1997.. N
	Ohio .....	2002.. 6 320
Tennessee .....	1997.. N	
Tennessee .....	2002.. 15 001	
Texas .....	1997.. N	
Texas .....	2002.. 196 469	
Virginia .....	1997.. N	
Virginia .....	2002.. 17 365	
		1997.. N
339999K	Other miscellaneous fabricated products	
	United States .....	2002.. 5 012 476
	Alabama .....	1997.. N
	Alabama .....	2002.. 54 907
	Arizona .....	1997.. N
	Arizona .....	2002.. 48 530
	Arkansas .....	1997.. N
Arkansas .....	2002.. 59 985	
		1997.. N

See footnotes at end of table.

**Table 2. Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product class data are omitted from the table if (1) the state accounts for less than \$2 million, (2) the data would disclose operations of individual companies in 2002, or (3) the data are miscellaneous or "not specified by kind" (nsk). Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class and geographic area	Value of product shipments (\$1,000)
339999K	Other miscellaneous fabricated products—Con.	
	California .....	2002.. 729 538
		1997.. N
	Colorado .....	2002.. 57 997
		1997.. N
	Connecticut .....	2002.. 56 710
		1997.. N
	Florida .....	2002.. 194 447
		1997.. N
	Georgia .....	2002.. 96 941
		1997.. N
	Hawaii .....	2002.. 2 166
		1997.. N
	Idaho .....	2002.. 15 549
		1997.. N
	Illinois .....	2002.. 277 250
		1997.. N
	Indiana .....	2002.. 170 760
		1997.. N
	Iowa .....	2002.. 42 137
		1997.. N
	Kansas .....	2002.. 33 481
		1997.. N
	Kentucky .....	2002.. 124 283
		1997.. N
	Louisiana .....	2002.. 17 285
		1997.. N
	Maine .....	2002.. 22 423
		1997.. N
	Maryland .....	2002.. 41 797
		1997.. N
	Massachusetts .....	2002.. 196 625
		1997.. N
	Michigan .....	2002.. 252 967
		1997.. N
	Minnesota .....	2002.. 65 848
		1997.. N
	Missouri .....	2002.. 66 035
		1997.. N
	Nebraska .....	2002.. 7 258
		1997.. N
	Nevada .....	2002.. 44 764
		1997.. N
	New Hampshire .....	2002.. 21 847
		1997.. N
	New Jersey .....	2002.. 96 633
		1997.. N
	New Mexico .....	2002.. 26 851
		1997.. N
	New York .....	2002.. 326 807
		1997.. N
	North Carolina .....	2002.. 142 324
		1997.. N
	Ohio .....	2002.. 184 020
		1997.. N
	Oklahoma .....	2002.. 49 270
		1997.. N
	Oregon .....	2002.. 41 300
		1997.. N
	Pennsylvania .....	2002.. 363 309
		1997.. N
	Rhode Island .....	2002.. 104 310
		1997.. N
	South Carolina .....	2002.. 50 884
		1997.. N
	Tennessee .....	2002.. 91 432
		1997.. N
	Texas .....	2002.. 381 538
		1997.. N
	Utah .....	2002.. 21 135
		1997.. N
	Vermont .....	2002.. 30 235
		1997.. N
	Virginia .....	2002.. 48 569
		1997.. N
	Washington .....	2002.. 118 102
		1997.. N
	West Virginia .....	2002.. 8 234
		1997.. N
	Wisconsin .....	2002.. 212 946
		1997.. N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). Differences between the 1997 data shown and comparable data in Table 1 of this report are due to revisions made during the ASM review. For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
311111	Dog and cat food manufacturing .....	2002..	9 803 947	X
		2001..	9 272 524	3
		2000..	8 324 192	3
		1999..	8 089 308	3
		1998..	8 388 832	1
		1997..	8 183 172	X
3111111	Dog food .....	2002..	5 993 540	X
		2001..	5 883 623	5
		2000..	5 309 199	5
		1999..	5 144 643	4
		1998..	5 336 838	1
		1997..	5 213 728	X
3111114	Cat food .....	2002..	3 541 476	X
		2001..	3 210 441	2
		2000..	2 883 300	3
		1999..	2 788 744	2
		1998..	2 789 200	1
		1997..	2 754 568	X
311111W	Dog and cat food manufacturing, nsk, total .....	2002..	268 931	X
		2001..	178 459	46
		2000..	131 692	62
		1999..	155 921	53
		1998..	262 794	1
		1997..	214 876	X
311119	Other animal food manufacturing .....	2002..	15 822 016	X
		2001..	15 833 481	4
		2000..	14 571 522	4
		1999..	14 935 434	4
		1998..	16 727 087	2
		1997..	17 657 795	X
3111191	Chicken and turkey feed, supplements, concentrates, and premixes .....	2002..	5 328 920	X
		2001..	6 391 832	5
		2000..	5 947 465	5
		1999..	6 304 205	4
		1998..	7 257 203	1
		1997..	8 088 049	X
3111194	Dairy cattle feed, complete .....	2002..	1 621 456	X
		2001..	1 341 218	8
		2000..	1 318 732	9
		1999..	1 478 164	8
		1998..	1 514 836	1
		1997..	1 598 556	X
3111197	Dairy cattle feed supplements, concentrates, and premixes .....	2002..	973 643	X
		2001..	969 300	7
		2000..	940 854	5
		1999..	883 975	5
		1998..	863 384	2
		1997..	905 155	X
311119A	Swine feed, complete .....	2002..	533 191	X
		2001..	751 130	12
		2000..	702 988	11
		1999..	816 972	20
		1998..	581 711	9
		1997..	581 813	X
311119D	Swine feed supplements, concentrates, and premixes .....	2002..	553 424	X
		2001..	532 946	7
		2000..	659 263	21
		1999..	555 591	7
		1998..	757 782	4
		1997..	981 825	X
311119G	Beef cattle feed, complete .....	2002..	617 001	X
		2001..	851 726	7
		2000..	730 260	8
		1999..	669 602	9
		1998..	725 733	13
		1997..	611 301	X
311119J	Beef cattle feed supplements, concentrates, and premixes .....	2002..	637 782	X
		2001..	812 493	18
		2000..	594 738	2
		1999..	537 121	3
		1998..	593 997	9
		1997..	616 961	X
311119M	Other poultry and livestock feed .....	2002..	810 973	X
		2001..	762 553	9
		2000..	663 966	10
		1999..	786 735	5
		1998..	714 836	4
		1997..	674 341	X
311119P	Other prepared animal feeds, including feeding materials and adjuncts .....	2002..	695 406	X
		2001..	846 617	19
		2000..	585 607	21
		1999..	494 961	13
		1998..	612 640	3
		1997..	651 735	X
311119R	Specialty feeds .....	2002..	1 058 082	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). Differences between the 1997 data shown and comparable data in Table 1 of this report are due to revisions made during the ASM review. For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
311119W	Other animal food manufacturing, nsk, total .....	2002..	2 992 138	X
		2001..	1 056 232	41
		2000..	1 070 766	40
		1999..	1 309 953	32
		1998..	2 193 714	13
		1997..	2 075 189	X
311211	Flour milling .....	2002..	6 699 652	X
		2001..	6 209 070	3
		2000..	6 050 842	3
		1999..	6 054 993	3
		1998..	7 323 488	1
		1997..	7 837 086	X
3112111	Wheat flour (except flour mixes), made in flour mills .....	2002..	4 289 540	X
		2001..	3 942 218	4
		2000..	3 904 864	3
		1999..	3 947 711	3
		1998..	4 596 890	1
		1997..	5 146 612	X
3112114	Wheat mill products, except flour .....	2002..	493 488	X
		2001..	516 695	7
		2000..	487 355	6
		1999..	476 716	4
		1998..	639 948	3
		1997..	784 114	X
3112117	Corn mill products .....	2002..	941 757	X
		2001..	834 640	2
		2000..	797 350	2
		1999..	780 375	1
		1998..	855 100	2
		1997..	903 232	X
311211A	Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills .....	2002..	565 584	X
		2001..	495 843	13
		2000..	423 674	15
		1999..	422 607	15
		1998..	624 819	5
		1997..	517 430	X
311211B	Other grain mill products .....	2002..	238 252	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
311211W	Flour milling, nsk, total .....	2002..	171 031	X
		2001..	256 781	37
		2000..	229 297	41
		1999..	217 233	44
		1998..	398 898	7
		1997..	288 702	X
311212	Rice milling .....	2002..	1 664 652	X
		2001..	1 678 221	5
		2000..	1 836 878	4
		1999..	2 064 015	3
		1998..	2 093 274	3
		1997..	2 147 313	X
3112120	Rice milling .....	2002..	1 664 652	X
		2001..	1 678 221	5
		2000..	1 836 878	4
		1999..	2 064 015	3
		1998..	2 093 274	3
		1997..	2 147 313	X
311213	Malt manufacturing .....	2002..	494 011	X
		2001..	497 632	2
		2000..	501 919	2
		1999..	482 214	2
		1998..	613 245	7
		1997..	770 420	X
3112130	Malt .....	2002..	494 011	X
		2001..	497 632	2
		2000..	501 919	2
		1999..	482 214	2
		1998..	613 245	7
		1997..	770 420	X
311221	Wet corn milling .....	2002..	6 561 491	X
		2001..	6 146 868	2
		2000..	6 724 764	2
		1999..	7 047 185	2
		1998..	7 162 676	1
		1997..	7 188 399	X
3112211	Corn sweeteners .....	2002..	3 106 601	X
		2001..	2 984 615	2
		2000..	3 099 765	2
		1999..	3 039 579	2
		1998..	2 983 421	1
		1997..	3 056 213	X
3112214	Manufactured starch .....	2002..	1 696 085	X
		2001..	1 375 863	9
		2000..	1 416 264	9
		1999..	1 370 836	9
		1998..	1 447 251	1
		1997..	1 526 122	X

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). Differences between the 1997 data shown and comparable data in Table 1 of this report are due to revisions made during the ASM review. For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3112218	Corn oil .....	2002.. 347 827	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
311221A	Wet process corn byproducts .....	2002.. 1 266 354	X
		2001.. 1 157 798	4
		2000.. 1 269 315	3
		1999.. 1 312 318	3
		1998.. 1 584 812	1
		1997.. 1 585 020	X
311221W	Wet corn milling, nsk, total .....	2002.. 144 624	X
		2001.. 83 613	1
		2000.. 99 570	1
		1999.. 88 076	1
		1998.. 51 113	1
		1997.. 40 650	X
311222	Soybean processing .....	2002.. 10 833 935	X
		2001.. 9 326 838	1
		2000.. 8 730 132	1
		1999.. 9 428 001	1
		1998.. 11 039 444	1
		1997.. 12 038 811	X
3112221	Soybean oil .....	2002.. 2 745 728	X
		2001.. 2 312 514	1
		2000.. 2 425 121	1
		1999.. 2 892 197	1
		1998.. 3 534 382	1
		1997.. 3 161 878	X
3112224	Soybean cake, meal, and other byproducts .....	2002.. 7 955 369	X
		2001.. 6 956 535	1
		2000.. 6 204 940	1
		1999.. 6 493 200	1
		1998.. 7 427 236	1
		1997.. 8 824 896	X
311222W	Soybean processing, nsk, total .....	2002.. 132 838	X
		2001.. 57 789	1
		2000.. 100 070	18
		1999.. 42 604	1
		1998.. 77 827	1
		1997.. 52 037	X
311223	Other oilseed processing .....	2002.. 1 309 321	X
		2001.. 1 251 768	4
		2000.. 1 318 748	3
		1999.. 1 245 155	3
		1998.. 1 619 169	3
		1997.. 1 669 775	X
3112231	Crude cottonseed oil .....	2002.. 104 458	X
		2001.. 16 727	61
		2000.. 29 386	30
		1999.. 37 954	23
		1998.. 54 642	56
		1997.. 100 668	X
3112234	Cottonseed oil, once-refined (after alkali or caustic wash but before deodorizing or use in end products) .....	2002.. 165 746	X
		2001.. 139 747	20
		2000.. 174 163	7
		1999.. 193 581	6
		1998.. 233 591	14
		1997.. 165 630	X
3112237	Cotton linters .....	2002.. D	X
		2001.. 84 198	14
		2000.. 42 872	10
		1999.. 38 144	14
		1998.. 71 460	6
		1997.. 82 913	X
311223A	Cottonseed cake and meal and other byproducts .....	2002.. 286 330	X
		2001.. 234 031	15
		2000.. 177 699	13
		1999.. 226 752	10
		1998.. 298 314	7
		1997.. 380 893	X
311223D	Linseed oil .....	2002.. D	X
		2001.. 49 690	1
		2000.. 79 947	1
		1999.. 68 293	1
		1998.. 72 881	1
		1997.. 110 134	X
311223G	Other vegetable oils .....	2002.. 514 009	X
		2001.. 535 297	1
		2000.. 633 464	2
		1999.. 543 605	1
		1998.. 637 940	1
		1997.. 595 875	X
311223J	Other vegetable oil mill products .....	2002.. 137 114	X
		2001.. D	S
		2000.. D	S
		1999.. D	S
		1998.. D	S
		1997.. D	X

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). Differences between the 1997 data shown and comparable data in Table 1 of this report are due to revisions made during the ASM review. For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
311223W	Other oilseed processing, nsk, total .....	2002.. 2 619	X
		2001.. D	S
		2000.. D	S
		1999.. D	S
		1998.. D	S
		1997.. D	X
311225	Fats and oils refining and blending .....	2002.. 8 308 669	X
		2001.. 7 121 851	5
		2000.. 6 280 696	5
		1999.. 7 349 365	4
		1998.. 8 255 512	1
		1997.. 7 788 001	X
3112252	Shortening and cooking oils .....	2002.. 6 721 460	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3112254	Margarine, butter blends, and butter substitutes .....	2002.. 1 321 386	X
		2001.. 1 176 653	1
		2000.. 1 146 120	1
		1999.. 1 145 343	1
		1998.. 1 294 148	8
		1997.. 1 360 132	X
311225W	Fats and oils refining and blending, nsk, total .....	2002.. 265 823	X
		2001.. 212 576	1
		2000.. 217 312	1
		1999.. 214 232	1
		1998.. 231 093	12
		1997.. 261 041	X
311230	Breakfast cereal manufacturing .....	2002.. 7 832 992	X
		2001.. 8 669 577	2
		2000.. 8 233 311	3
		1999.. 8 715 245	2
		1998.. 7 899 627	1
		1997.. 7 446 787	X
3112301	Ready-to-serve breakfast cereal foods (except infant cereals) .....	2002.. 7 102 823	X
		2001.. 7 648 372	3
		2000.. 7 285 943	3
		1999.. 7 770 533	2
		1998.. 6 968 686	1
		1997.. 6 729 803	X
3112304	Other breakfast cereal foods .....	2002.. 621 930	X
		2001.. 1 019 628	2
		2000.. 946 577	2
		1999.. 946 837	2
		1998.. 860 218	1
		1997.. 690 561	X
311230W	Breakfast cereal manufacturing, nsk, total .....	2002.. 108 239	X
		2001.. S	S
		2000.. S	S
		1999.. S	S
		1998.. 70 723	1
		1997.. 26 423	X
311311	Sugarcane mills .....	2002.. 1 663 551	X
		2001.. 1 406 315	2
		2000.. 1 501 725	2
		1999.. 1 504 872	2
		1998.. 1 535 692	3
		1997.. 1 449 749	X
3113110	Raw cane sugar .....	2002.. 1 663 551	X
		2001.. 1 406 315	2
		2000.. 1 501 725	2
		1999.. 1 504 872	2
		1998.. 1 535 692	3
		1997.. 1 449 749	X
311312	Cane sugar refining .....	2002.. 2 656 775	X
		2001.. 2 354 055	1
		2000.. 2 960 027	1
		1999.. 3 123 421	1
		1998.. 3 294 203	1
		1997.. 3 186 963	X
3113120	Refined granulated cane sugar and by-products .....	2002.. 2 656 775	X
		2001.. 2 354 055	1
		2000.. 2 960 027	1
		1999.. 3 123 421	1
		1998.. 3 294 203	1
		1997.. 3 186 963	X
311313	Beet sugar manufacturing .....	2002.. 2 219 221	X
		2001.. 2 491 390	2
		2000.. 2 430 993	2
		1999.. 2 563 077	1
		1998.. 2 537 941	1
		1997.. 2 619 463	X
3113130	Beet sugar .....	2002.. 2 219 221	X
		2001.. 2 491 390	2
		2000.. 2 430 993	2
		1999.. 2 563 077	1
		1998.. 2 537 941	X
		1997.. 2 619 463	X

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). Differences between the 1997 data shown and comparable data in Table 1 of this report are due to revisions made during the ASM review. For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
311320	Chocolate and confectionery manufacturing from cacao beans .....	2002..	4 004 703	X
		2001..	4 426 851	5
		2000..	4 044 372	3
		1999..	3 914 657	2
		1998..	4 294 843	5
		1997..	3 670 691	X
3113201	Chocolate coatings, made from cacao beans .....	2002..	711 146	X
		2001..	695 030	14
		2000..	689 872	10
		1999..	676 939	10
		1998..	808 387	6
		1997..	639 816	X
3113204	Chocolate and chocolate-type confectionery products, made from cacao beans .....	2002..	2 028 528	X
		2001..	2 348 794	2
		2000..	2 289 913	1
		1999..	2 291 526	1
		1998..	2 244 603	1
		1997..	1 916 439	X
3113207	Other chocolate and cocoa products, made from cacao beans .....	2002..	1 161 045	X
		2001..	1 285 118	16
		2000..	980 662	9
		1999..	865 678	3
		1998..	1 221 258	17
		1997..	1 022 816	X
311320W	Chocolate and confectionery manufacturing from cacao beans, nsk, total .....	2002..	103 984	X
		2001..	97 909	26
		2000..	83 926	30
		1999..	80 515	32
		1998..	20 594	A
		1997..	91 620	X
311330	Confectionery manufacturing from purchased chocolate .....	2002..	7 633 988	X
		2001..	7 628 538	2
		2000..	7 802 796	2
		1999..	7 411 744	2
		1998..	7 188 091	1
		1997..	7 027 945	X
3113301	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment .....	2002..	6 919 670	X
		2001..	7 052 854	2
		2000..	7 162 027	2
		1999..	6 873 675	2
		1998..	6 613 188	1
		1997..	6 653 316	X
3113302	Chocolate and chocolate-type confectionery products, made from purchased chocolate retailed at manufacturing establishment .....	2002..	202 481	X
		2001..	241 260	32
		2000..	240 078	38
		1999..	190 767	35
		1998..	194 281	4
		1997..	149 559	X
311330W	Confectionery manufacturing from purchased chocolate, nsk, total .....	2002..	511 837	X
		2001..	334 424	3
		2000..	400 691	6
		1999..	347 301	3
		1998..	380 622	2
		1997..	225 070	X
311340	Nonchocolate confectionery manufacturing .....	2002..	6 577 541	X
		2001..	7 095 251	4
		2000..	6 838 339	6
		1999..	6 658 351	6
		1998..	6 379 474	1
		1997..	5 954 390	X
3113401	Nonchocolate-type confectionery products, made and packaged for shipment not retailed at manufacturing establishment .....	2002..	4 371 345	X
		2001..	4 848 536	6
		2000..	4 911 693	8
		1999..	4 911 313	8
		1998..	4 597 538	1
		1997..	4 243 445	X
3113402	Nonchocolate-type confectionery products made from purchased chocolate retailed at manufacturing establishment .....	2002..	100 348	X
		2001..	55 352	7
		2000..	43 324	7
		1999..	34 859	10
		1998..	32 136	11
		1997..	28 201	X
3113404	Chewing gum, bubble gum, and chewing gum base .....	2002..	1 738 964	X
		2001..	1 721 185	1
		2000..	1 472 375	1
		1999..	1 341 053	1
		1998..	1 321 644	1
		1997..	1 310 938	X
3113407	Other confectionery-type products .....	2002..	250 685	X
		2001..	232 467	41
		2000..	229 558	44
		1999..	222 347	46
		1998..	211 816	8
		1997..	159 863	X

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
311340W	Nonchocolate confectionery manufacturing, nsk, total .....	2002..	116 199	X
		2001..	237 710	8
		2000..	181 388	1
		1999..	148 779	1
		1998..	216 340	5
		1997..	211 943	X
311411	Frozen fruit, juice, and vegetable manufacturing .....	2002..	8 702 606	X
		2001..	10 006 127	2
		2000..	9 917 939	2
		1999..	9 166 073	1
		1998..	9 522 331	1
		1997..	9 264 738	X
3114111	Frozen fruits, juices, ades, drinks, and cocktails .....	2002..	2 469 828	X
		2001..	2 864 877	4
		2000..	3 036 804	3
		1999..	2 574 059	2
		1998..	2 917 760	2
		1997..	2 822 600	X
3114114	Frozen vegetables .....	2002..	5 803 345	X
		2001..	6 911 117	2
		2000..	6 654 168	2
		1999..	6 485 405	2
		1998..	6 496 147	1
		1997..	6 314 734	X
311411W	Frozen fruit, juice, and vegetable manufacturing, nsk, total .....	2002..	429 433	X
		2001..	230 133	19
		2000..	226 968	20
		1999..	106 609	42
		1998..	108 424	9
		1997..	127 404	X
311412	Frozen specialty food manufacturing .....	2002..	12 366 115	X
		2001..	11 703 286	2
		2000..	11 307 730	2
		1999..	11 084 812	2
		1998..	10 443 887	1
		1997..	9 457 074	X
3114121	Frozen dinners (beef, pork, and poultry pies) and nationality foods .....	2002..	8 362 236	X
		2001..	8 415 896	2
		2000..	8 061 580	2
		1999..	7 841 638	1
		1998..	7 392 547	1
		1997..	6 963 429	X
3114124	Other frozen specialties .....	2002..	2 954 576	X
		2001..	3 048 703	5
		2000..	3 037 071	5
		1999..	2 939 845	4
		1998..	2 647 341	2
		1997..	2 125 910	X
311412W	Frozen specialty food manufacturing, nsk, total .....	2002..	1 049 303	X
		2001..	238 687	30
		2000..	209 078	34
		1999..	303 329	29
		1998..	403 999	2
		1997..	367 735	X
311421	Fruit and vegetable canning .....	2002..	18 734 786	X
		2001..	19 307 900	2
		2000..	18 723 044	3
		1999..	18 627 204	3
		1998..	17 924 339	1
		1997..	16 737 724	X
3114211	Canned fruits, except baby foods .....	2002..	2 127 937	X
		2001..	2 506 454	4
		2000..	2 695 083	3
		1999..	2 332 883	4
		1998..	2 339 307	6
		1997..	2 281 045	X
3114214	Canned vegetables, except hominy and mushrooms .....	2002..	2 740 654	X
		2001..	2 883 972	9
		2000..	2 611 192	7
		1999..	2 623 458	6
		1998..	2 691 692	5
		1997..	2 690 609	X
3114217	Canned hominy and mushrooms .....	2002..	142 115	X
		2001..	92 864	32
		2000..	85 322	35
		1999..	97 727	31
		1998..	182 808	20
		1997..	141 646	X
311421A	Canned vegetable juices .....	2002..	601 700	X
		2001..	842 641	3
		2000..	883 816	3
		1999..	836 904	1
		1998..	707 384	1
		1997..	438 970	X
311421D	Canned catsup and other tomato based sauces .....	2002..	4 273 116	X
		2001..	4 769 710	2
		2000..	4 431 237	3
		1999..	4 605 058	3
		1998..	4 228 400	1
		1997..	4 107 843	X

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
311421G	Canned jams, jellies, and preserves .....	2002..	969 550	X
		2001..	979 805	19
		2000..	1 035 600	18
		1999..	1 045 655	17
		1998..	974 608	1
		1997..	1 007 148	X
311421J	Canned fruit juices, nectars, and concentrates .....	2002..	3 283 334	X
		2001..	3 466 066	6
		2000..	3 679 591	10
		1999..	3 710 691	8
		1998..	3 361 570	2
		1997..	2 915 653	X
311421M	Fresh fruit juices and nectars .....	2002..	1 741 920	X
		2001..	2 061 616	4
		2000..	1 855 609	5
		1999..	1 922 053	4
		1998..	1 717 590	3
		1997..	1 416 120	X
311421P	Pickles and other pickled products .....	2002..	1 475 140	X
		2001..	1 273 655	7
		2000..	1 187 827	7
		1999..	1 096 047	3
		1998..	1 221 666	4
		1997..	1 232 949	X
311421W	Fruit and vegetable canning, nsk, total .....	2002..	1 379 320	X
		2001..	431 116	54
		2000..	257 768	91
		1999..	356 729	66
		1998..	499 313	25
		1997..	505 741	X
311422	Specialty canning .....	2002..	6 528 654	X
		2001..	6 316 262	3
		2000..	6 294 163	2
		1999..	6 139 687	2
		1998..	6 434 765	2
		1997..	6 408 152	X
3114221	Canned baby foods, except cereal and biscuits .....	2002..	560 251	X
		2001..	905 184	2
		2000..	1 039 464	2
		1999..	833 487	7
		1998..	874 889	1
		1997..	929 732	X
3114224	Canned soups and stews, except frozen and seafood .....	2002..	3 316 050	X
		2001..	3 173 955	1
		2000..	2 861 600	1
		1999..	2 781 436	1
		1998..	2 903 201	1
		1997..	2 684 750	X
3114227	Canned dry beans .....	2002..	1 175 484	X
		2001..	899 939	13
		2000..	1 040 367	10
		1999..	1 225 973	8
		1998..	1 192 528	13
		1997..	1 052 447	X
311422B	Other canned specialties and nationality foods .....	2002..	776 119	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
311422W	Specialty canning, nsk, total .....	2002..	700 750	X
		2001..	102 201	46
		2000..	76 115	62
		1999..	81 592	58
		1998..	93 697	16
		1997..	277 979	X
311423	Dried and dehydrated food manufacturing .....	2002..	4 553 355	X
		2001..	4 234 412	6
		2000..	3 862 877	6
		1999..	4 018 926	7
		1998..	3 311 331	1
		1997..	3 225 732	X
3114231	Soup mixes (including oriental, dried and dehydrated, and freeze-dried) and bouillon .....	2002..	1 077 242	X
		2001..	1 096 125	13
		2000..	931 314	14
		1999..	871 404	13
		1998..	788 533	1
		1997..	718 921	X
3114235	Dried and dehydrated fruits and vegetables, including freeze-dried .....	2002..	2 533 441	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3114237	Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen .....	2002..	129 457	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	N

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Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3114237	Macaroni and noodle products, purchased, packaged with other ingredients mitse, except canned or frozen—Con.	1997..	N	X
3114238	Other purchased products packaged with dried and dehydrated ingredients mitse .....	2002..	394 989	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
311423W	Dried and dehydrated food manufacturing, nsk, total .....	2002..	418 226	X
		2001..	118 210	4
		2000..	102 605	4
		1999..	102 246	5
		1998..	89 772	21
		1997..	86 806	X
311511	Fluid milk manufacturing .....	2002..	21 614 069	X
		2001..	22 920 616	1
		2000..	21 535 963	1
		1999..	21 236 997	1
		1998..	20 647 545	1
		1997..	19 468 685	X
3115111	Fluid milk and cream, bulk sales .....	2002..	3 715 643	X
		2001..	3 824 741	2
		2000..	3 129 811	3
		1999..	3 542 346	3
		1998..	3 509 827	4
		1997..	3 115 437	X
3115115	Fluid milk and related products, packaged (including cartons, bottles, cans, and dispenser cans), except U.H.T. ....	2002..	12 164 224	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3115117	Cottage cheese (including bakers', pot, and farmers' cheese) .....	2002..	770 882	X
		2001..	891 872	5
		2000..	875 161	4
		1999..	775 965	3
		1998..	752 257	3
		1997..	720 202	X
311511A	Yogurt, except frozen .....	2002..	2 162 718	X
		2001..	2 129 055	5
		2000..	2 010 169	3
		1999..	1 730 547	2
		1998..	1 450 634	1
		1997..	1 334 927	X
311511D	Perishable dairy product substitutes .....	2002..	766 216	X
		2001..	576 429	9
		2000..	626 751	7
		1999..	577 092	7
		1998..	557 987	6
		1997..	477 766	X
311511G	Other packaged milk products .....	2002..	1 436 658	X
		2001..	1 163 545	5
		2000..	1 162 601	4
		1999..	1 137 523	4
		1998..	1 049 063	4
		1997..	1 054 079	X
311511W	Fluid milk manufacturing, nsk, total .....	2002..	597 728	X
		2001..	315 676	7
		2000..	392 263	5
		1999..	271 955	8
		1998..	287 180	20
		1997..	298 236	X
311512	Creamery butter manufacturing .....	2002..	1 996 863	X
		2001..	2 551 533	5
		2000..	1 890 301	5
		1999..	1 750 085	5
		1998..	1 869 408	5
		1997..	1 636 080	X
3115120	Creamery butter manufacturing .....	2002..	1 996 863	X
		2001..	2 551 533	5
		2000..	1 890 301	5
		1999..	1 750 085	5
		1998..	1 869 408	5
		1997..	1 636 080	X
311513	Cheese manufacturing .....	2002..	20 075 599	X
		2001..	19 559 374	1
		2000..	17 811 552	1
		1999..	19 974 523	1
		1998..	20 298 932	2
		1997..	18 221 638	X
3115131	Natural cheese (cheddar, Swiss, Italian, brick, cream, grated, dried, etc.), except cottage cheese .....	2002..	13 719 763	X
		2001..	13 695 697	1
		2000..	12 339 502	1
		1999..	14 370 431	1
		1998..	14 813 540	3
		1997..	13 102 105	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3115134	Process cheese and related products .....	2002..	5 158 468	X
		2001..	4 742 406	4
		2000..	4 531 793	3
		1999..	4 637 789	3
		1998..	4 571 931	1
		1997..	4 325 684	X
3115137	Cheese substitutes and imitations .....	2002..	489 267	X
		2001..	290 093	6
		2000..	265 614	6
		1999..	300 213	5
		1998..	326 860	2
		1997..	345 514	X
311513A	Raw liquid whey .....	2002..	118 285	X
		2001..	193 732	9
		2000..	130 738	3
		1999..	140 775	6
		1998..	122 613	4
		1997..	113 249	X
311513W	Cheese manufacturing, nsk, total .....	2002..	589 816	X
		2001..	637 446	2
		2000..	543 905	3
		1999..	525 314	2
		1998..	463 988	3
		1997..	335 086	X
311514	Dry, condensed, and evaporated dairy product manufacturing .....	2002..	9 734 613	X
		2001..	9 102 813	4
		2000..	8 718 055	3
		1999..	8 289 769	2
		1998..	8 728 609	2
		1997..	8 570 999	X
3115141	Dry milk products and mixtures .....	2002..	4 191 750	X
		2001..	3 830 626	2
		2000..	3 508 633	2
		1999..	3 397 547	3
		1998..	3 318 344	5
		1997..	3 538 811	X
3115145	Milk products, shipped in consumer-type cans, except substitutes .....	2002..	2 117 680	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3115147	Concentrated milk products, shipped in bulk (barrels, drums, and tanks) .....	2002..	558 277	X
		2001..	924 450	24
		2000..	881 908	20
		1999..	809 350	14
		1998..	888 271	12
		1997..	747 841	X
311514A	Ice cream mixes and related products .....	2002..	871 351	X
		2001..	725 489	8
		2000..	755 035	6
		1999..	827 579	5
		1998..	913 356	1
		1997..	876 668	X
311514D	Dairy product substitutes .....	2002..	1 874 117	X
		2001..	1 905 250	11
		2000..	1 891 993	9
		1999..	1 737 424	8
		1998..	1 972 284	2
		1997..	1 899 881	X
311514W	Dry, condensed, and evaporated dairy product manufacturing, nsk, total .....	2002..	121 438	X
		2001..	374 815	1
		2000..	334 307	3
		1999..	183 042	2
		1998..	159 971	15
		1997..	81 272	X
311520	Ice cream and frozen dessert manufacturing .....	2002..	7 780 585	X
		2001..	6 540 380	2
		2000..	6 206 876	2
		1999..	5 488 125	2
		1998..	5 855 615	2
		1997..	5 758 731	X
3115200	Ice cream and frozen dessert manufacturing .....	2002..	7 780 585	X
		2001..	6 540 380	2
		2000..	6 206 876	2
		1999..	5 488 125	2
		1998..	5 855 615	2
		1997..	5 758 731	X
311611	Animal (except poultry) slaughtering .....	2002..	53 959 565	X
		2001..	56 545 619	1
		2000..	54 463 589	1
		1999..	49 101 875	1
		1998..	46 637 933	1
		1997..	50 566 086	X
3116111	Beef, not canned or made into sausage, made in slaughtering plants .....	2002..	32 121 801	X
		2001..	34 753 002	1
		2000..	33 558 320	1
		1999..	30 563 589	1
		1998..	27 445 721	1

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3116111	Beef, not canned or made into sausage, made in slaughtering plants—Con. 1997..	28 133 566	X
3116114	Veal, not canned or made into sausage, made in slaughtering plants .....2002..	476 889	X
	2001..	399 576	1
	2000..	389 075	1
	1999..	348 267	1
	1998..	335 488	3
	1997..	355 320	X
3116117	Lamb and mutton, not canned or made into sausage, made in slaughtering plants .....2002..	281 392	X
	2001..	350 373	1
	2000..	342 391	1
	1999..	286 019	1
	1998..	356 182	4
	1997..	375 767	X
311611A	Pork, not canned or made into sausage, made in slaughtering plants .....2002..	12 140 264	X
	2001..	12 875 711	1
	2000..	12 173 330	1
	1999..	10 380 897	1
	1998..	10 309 122	1
	1997..	11 806 893	X
311611D	Lard, made in slaughtering plants .....2002..	43 679	X
	2001..	D	S
	2000..	D	S
	1999..	D	S
	1998..	D	S
	1997..	D	X
311611G	Pork, processed or cured, not canned or made into sausage, made in slaughtering plants .....2002..	2 253 712	X
	2001..	1 923 737	4
	2000..	1 835 937	4
	1999..	2 544 458	1
	1998..	2 412 574	1
	1997..	2 972 828	X
311611J	Sausage and similar products, except canned, made in slaughtering plants .....2002..	2 006 968	X
	2001..	1 265 390	18
	2000..	1 282 021	18
	1999..	1 197 434	20
	1998..	1 593 325	2
	1997..	1 997 959	X
311611M	Canned meats (except dog, cat, and baby food), made in slaughtering plants .....2002..	169 049	X
	2001..	D	S
	2000..	D	S
	1999..	D	S
	1998..	D	S
	1997..	D	X
311611P	Hides, skins, and pelts, made in slaughtering plants .....2002..	1 950 652	X
	2001..	2 137 816	2
	2000..	2 046 431	2
	1999..	1 739 883	7
	1998..	1 672 725	1
	1997..	2 065 175	X
311611R	Miscellaneous byproducts of slaughtering plants .....2002..	957 648	X
	2001..	N	N
	2000..	N	N
	1999..	N	N
	1998..	N	N
	1997..	N	X
311611W	Animal (except poultry) slaughtering, nsk, total .....2002..	1 557 511	X
	2001..	1 383 917	20
	2000..	1 434 397	19
	1999..	886 897	31
	1998..	1 342 995	3
	1997..	1 632 232	X
311612	Meat processed from carcasses .....2002..	23 919 865	X
	2001..	26 213 938	3
	2000..	24 943 347	3
	1999..	22 444 560	4
	1998..	21 695 751	1
	1997..	21 786 024	X
3116121	Pork, processed or cured, not canned or made into sausage, made from purchased carcasses .....2002..	5 228 805	X
	2001..	7 367 282	3
	2000..	6 858 799	3
	1999..	5 222 851	3
	1998..	5 203 194	1
	1997..	4 865 074	X
3116124	Sausage and similar products, except canned, made from purchased carcasses .....2002..	6 308 001	X
	2001..	6 266 249	5
	2000..	6 440 498	6
	1999..	6 337 582	6
	1998..	6 228 634	3
	1997..	6 094 246	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3116127	Canned meats (except dog, cat, and baby food), made from purchased carcasses .....	2002..	1 148 081	X
		2001..	1 406 420	5
		2000..	1 337 191	5
		1999..	1 325 272	2
		1998..	1 312 270	2
		1997..	1 142 179	X
311612A	Other processed, frozen, or cooked meats, made from purchased carcasses.....	2002..	10 317 236	X
		2001..	10 475 769	4
		2000..	9 613 535	5
		1999..	9 137 938	4
		1998..	8 012 613	2
		1997..	7 713 136	X
311612W	Meat processed from carcasses, nsk, total .....	2002..	917 742	X
		2001..	698 218	85
		2000..	693 324	86
		1999..	420 918	A
		1998..	939 040	18
		1997..	1 971 389	X
311613	Rendering and meat byproduct processing .....	2002..	2 793 416	X
		2001..	2 920 923	4
		2000..	3 058 672	3
		1999..	2 874 486	3
		1998..	3 406 257	2
		1997..	3 820 977	X
3116131	Lard and other greases, except wool grease .....	2002..	878 762	X
		2001..	1 205 606	6
		2000..	1 150 470	5
		1999..	1 082 807	5
		1998..	1 087 383	5
		1997..	1 207 143	X
3116135	Animal and marine feed and fertilizer byproducts .....	2002..	1 863 465	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
311613W	Rendering and meat byproduct processing, nsk, total .....	2002..	51 189	X
		2001..	54 025	57
		2000..	69 504	44
		1999..	80 105	39
		1998..	187 813	12
		1997..	223 901	X
311615	Poultry processing .....	2002..	36 970 020	X
		2001..	33 923 303	1
		2000..	31 305 700	1
		1999..	31 762 749	2
		1998..	32 096 137	1
		1997..	31 241 473	X
3116151	Young chickens (usually under 20 weeks of age), including bulk, chilled, frozen, whole, and parts .....	2002..	23 817 348	X
		2001..	20 201 925	1
		2000..	18 700 609	1
		1999..	18 656 122	1
		1998..	18 549 976	1
		1997..	16 780 364	X
3116154	Hens and fowl, including frozen, whole, and parts .....	2002..	281 293	X
		2001..	306 720	8
		2000..	323 391	8
		1999..	268 028	4
		1998..	259 591	1
		1997..	317 900	X
3116157	Turkeys, including frozen, whole, and parts .....	2002..	3 619 753	X
		2001..	3 764 312	6
		2000..	3 441 598	5
		1999..	3 881 607	5
		1998..	4 228 064	1
		1997..	3 794 162	X
311615A	Other poultry and small game, including frozen, whole, and parts .....	2002..	216 549	X
		2001..	158 638	21
		2000..	146 016	9
		1999..	91 114	12
		1998..	53 881	23
		1997..	68 672	X
311615D	Processed poultry and small game (except soups), containing 20 percent or more poultry or meat .....	2002..	8 735 931	X
		2001..	9 108 082	2
		2000..	8 358 751	2
		1999..	8 620 734	1
		1998..	8 742 367	1
		1997..	9 148 518	X
311615W	Poultry processing, nsk, total .....	2002..	299 146	X
		2001..	383 626	87
		2000..	335 335	99
		1999..	245 144	A
		1998..	262 258	29
		1997..	1 131 857	X

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
311711	Seafood canning.....	2002..	1 369 256	X
		2001..	1 350 195	5
		2000..	1 267 158	7
		1999..	1 166 363	5
		1998..	1 076 491	4
		1997..	1 044 636	X
3117110	Seafood canning.....	2002..	1 369 256	X
		2001..	1 350 195	5
		2000..	1 267 158	7
		1999..	1 166 363	5
		1998..	1 076 491	4
		1997..	1 044 636	X
311712	Fresh and frozen seafood processing .....	2002..	6 930 236	X
		2001..	6 653 173	5
		2000..	6 434 822	5
		1999..	6 032 706	5
		1998..	5 846 304	2
		1997..	5 518 382	X
3117121	Prepared fresh fish and other fresh seafood .....	2002..	1 248 061	X
		2001..	1 037 427	7
		2000..	1 045 998	6
		1999..	1 029 037	10
		1998..	982 786	7
		1997..	953 350	X
3117122	Prepared frozen fish .....	2002..	2 512 965	X
		2001..	2 808 478	8
		2000..	2 575 889	6
		1999..	2 252 849	3
		1998..	2 013 625	4
		1997..	1 807 733	X
3117123	Prepared frozen shellfish .....	2002..	1 679 782	X
		2001..	1 716 778	7
		2000..	1 786 907	10
		1999..	1 786 708	5
		1998..	1 586 793	4
		1997..	1 461 943	X
3117124	Other prepared fresh and frozen seafood .....	2002..	879 583	X
		2001..	718 659	9
		2000..	675 918	8
		1999..	677 271	7
		1998..	585 492	4
		1997..	657 271	X
311712W	Fresh and frozen seafood processing, nsk, total .....	2002..	609 845	X
		2001..	371 831	59
		2000..	350 109	63
		1999..	286 842	75
		1998..	677 607	3
		1997..	638 085	X
311811	Retail bakeries .....	2002..	2 396 390	X
		2001..	2 307 853	7
		2000..	2 267 322	7
		1999..	2 045 830	6
		1998..	3 144 525	1
		1997..	1 913 718	X
3118110	Retail bakery products .....	2002..	2 396 390	X
		2001..	2 307 853	7
		2000..	2 267 322	7
		1999..	2 045 830	6
		1998..	3 144 525	1
		1997..	1 913 718	X
311812	Commercial bakeries .....	2002..	21 414 569	X
		2001..	21 464 138	4
		2000..	21 288 811	3
		1999..	20 738 816	3
		1998..	18 913 384	1
		1997..	18 524 712	X
3118121	Bread (white, wheat, rye, etc.), including frozen .....	2002..	7 978 287	X
		2001..	9 723 296	6
		2000..	9 421 336	6
		1999..	9 043 512	5
		1998..	7 608 105	1
		1997..	7 176 712	X
3118125	Rolls, bread-type (including muffins, bagels, and croissants) .....	2002..	5 807 574	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3118127	Soft cakes, except frozen .....	2002..	2 376 948	X
		2001..	2 631 121	6
		2000..	2 461 241	6
		1999..	2 754 667	4
		1998..	2 450 397	1
		1997..	2 270 619	X
311812A	Pies (fruit, cream, and custard), except frozen .....	2002..	463 657	X
		2001..	604 894	7
		2000..	563 440	6
		1999..	490 123	4
		1998..	432 457	2
		1997..	544 407	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
311812D	Other sweet goods, except frozen .....	2002..	2 269 524	X
		2001..	2 073 469	6
		2000..	2 126 430	4
		1999..	2 008 129	5
		1998..	1 920 178	1
		1997..	2 046 923	X
311812W	Commercial bakeries, nsk, total .....	2002..	2 518 579	X
		2001..	696 356	27
		2000..	885 256	19
		1999..	640 390	29
		1998..	1 327 529	1
		1997..	1 228 023	X
311813	Frozen cakes, pies, and other pastries manufacturing .....	2002..	3 859 917	X
		2001..	3 462 526	8
		2000..	3 139 643	6
		1999..	2 762 455	4
		1998..	2 652 402	2
		1997..	2 600 710	X
3118130	Frozen bakery product manufacturing .....	2002..	3 859 917	X
		2001..	3 462 526	8
		2000..	3 139 643	6
		1999..	2 762 455	4
		1998..	2 652 402	2
		1997..	2 600 710	X
311821	Cookie and cracker manufacturing .....	2002..	9 379 510	X
		2001..	9 678 993	3
		2000..	9 399 750	2
		1999..	9 096 037	2
		1998..	8 546 417	1
		1997..	8 322 533	X
3118212	Crackers, biscuits, and related products .....	2002..	3 767 729	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3118214	Cookies, wafers, and ice cream cones and cups (except frozen) .....	2002..	4 971 593	X
		2001..	4 884 765	5
		2000..	4 851 666	3
		1999..	4 681 297	3
		1998..	4 429 616	1
		1997..	4 610 958	X
311821W	Cookie and cracker manufacturing, nsk, total .....	2002..	640 188	X
		2001..	226 180	27
		2000..	147 845	41
		1999..	119 318	48
		1998..	307 913	9
		1997..	162 225	X
311822	Flour mixes and dough manufacturing from purchased flour .....	2002..	4 545 366	X
		2001..	5 362 316	4
		2000..	5 143 117	3
		1999..	5 476 055	2
		1998..	5 012 485	1
		1997..	5 018 526	X
3118220	Prepared flour mixes, including refrigerated and frozen doughs and batters, made from purchased flour .....	2002..	4 545 366	X
		2001..	5 362 316	4
		2000..	5 143 117	3
		1999..	5 476 055	2
		1998..	5 012 485	1
		1997..	5 018 526	X
311823	Dry pasta manufacturing .....	2002..	1 629 159	X
		2001..	1 182 536	5
		2000..	1 136 577	6
		1999..	1 173 933	5
		1998..	1 353 154	1
		1997..	1 627 289	X
3118230	Dry macaroni, spaghetti and egg noodle products, mitse (except canned or frozen) .....	2002..	1 629 159	X
		2001..	1 182 536	5
		2000..	1 136 577	6
		1999..	1 173 933	5
		1998..	1 353 154	1
		1997..	1 627 289	X
311830	Tortilla manufacturing .....	2002..	1 373 649	X
		2001..	1 264 547	5
		2000..	1 191 035	5
		1999..	1 027 653	6
		1998..	1 095 828	3
		1997..	961 273	X
3118300	Tortillas, sold in bulk or packages, except frozen or canned .....	2002..	1 373 649	X
		2001..	1 264 547	5
		2000..	1 191 035	5
		1999..	1 027 653	6
		1998..	1 095 828	3
		1997..	961 273	X
311911	Roasted nuts and peanut butter manufacturing .....	2002..	4 984 241	X
		2001..	4 273 228	3
		2000..	4 555 323	4
		1999..	4 369 950	2
		1998..	4 138 416	4
		1997..	3 814 733	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3119111	Nuts and seeds (salted, roasted, cooked, or blanched) .....	2002..	3 812 389	X
		2001..	3 306 229	3
		2000..	3 540 538	5
		1999..	3 167 257	2
		1998..	3 190 226	5
		1997..	2 814 998	X
3119114	Peanut butter .....	2002..	992 486	X
		2001..	781 601	1
		2000..	849 645	3
		1999..	1 013 336	1
		1998..	821 958	8
		1997..	847 176	X
311911W	Roasted nuts and peanut butter manufacturing, nsk, total .....	2002..	179 366	X
		2001..	185 398	1
		2000..	165 141	1
		1999..	189 357	1
		1998..	126 232	66
		1997..	152 559	X
311919	Other snack food manufacturing .....	2002..	12 443 679	X
		2001..	11 517 459	2
		2000..	11 545 518	1
		1999..	11 017 578	1
		1998..	10 941 771	3
		1997..	9 813 788	X
3119191	Potato chips and sticks, plain and flavored .....	2002..	4 878 075	X
		2001..	4 513 367	3
		2000..	4 812 567	2
		1999..	4 707 281	2
		1998..	4 598 616	6
		1997..	4 036 503	X
3119194	Corn chips and related products .....	2002..	5 616 568	X
		2001..	5 088 353	2
		2000..	4 757 476	2
		1999..	4 510 792	2
		1998..	4 447 404	1
		1997..	4 428 299	X
3119197	Other chips, sticks (hard pretzels, bacon rinds, popcorn (except candied), etc.), excluding crackers, soft pretzels, and nuts .....	2002..	1 748 765	X
		2001..	1 709 900	4
		2000..	1 740 516	4
		1999..	1 685 371	4
		1998..	1 694 752	5
		1997..	1 166 889	X
311919W	Other snack food manufacturing, nsk, total .....	2002..	200 271	X
		2001..	205 838	15
		2000..	234 959	17
		1999..	114 134	24
		1998..	200 999	5
		1997..	182 097	X
311920	Coffee and tea manufacturing .....	2002..	5 179 716	X
		2001..	4 855 336	3
		2000..	6 299 927	3
		1999..	7 116 217	2
		1998..	7 152 539	1
		1997..	7 287 191	X
3119201	Roasted coffee .....	2002..	3 592 114	X
		2001..	3 360 384	4
		2000..	4 327 203	3
		1999..	5 239 767	2
		1998..	5 417 985	1
		1997..	5 564 573	X
3119205	Coffee, concentrated (freeze-dried, spray-dried, frozen or liquid concentrated, mixtures, etc.), including coffee substitutes .....	2002..	590 034	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3119207	Tea, consumer packages .....	2002..	853 994	X
		2001..	968 580	1
		2000..	1 000 179	10
		1999..	933 742	7
		1998..	877 405	1
		1997..	779 886	X
311920W	Coffee and tea manufacturing, nsk, total .....	2002..	143 574	X
		2001..	137 329	23
		2000..	110 905	27
		1999..	98 844	31
		1998..	239 167	1
		1997..	139 607	X
311930	Flavoring syrup and concentrate manufacturing .....	2002..	9 316 495	X
		2001..	8 109 069	2
		2000..	8 326 491	2
		1999..	7 553 490	2
		1998..	7 178 414	1
		1997..	6 647 019	X
3119301	Liquid beverage bases, excluding use by soft drink bottlers .....	2002..	313 891	X
		2001..	400 345	21
		2000..	374 773	20
		1999..	342 766	16
		1998..	200 175	1
		1997..	243 083	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3119304	Liquid beverage bases, concentrates and syrups, for sale by soft drink bottlers to trade or nonbottler distributors .....	2002..	3 943 655	X
		2001..	3 650 921	2
		2000..	3 767 180	1
		1999..	3 509 892	1
		1998..	3 550 725	1
		1997..	3 570 847	X
3119305	Soft drink flavoring syrup, sold in bulk .....	2002..	940 811	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3119308	Other flavoring agents, except chocolate syrups .....	2002..	3 773 890	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
311930W	Flavoring syrup and concentrate manufacturing, nsk, total .....	2002..	344 248	X
		2001..	228 163	31
		2000..	242 563	23
		1999..	246 201	23
		1998..	302 245	8
		1997..	348 072	X
311941	Mayonnaise, dressing, and other prepared sauce manufacturing .....	2002..	5 051 575	X
		2001..	5 094 326	3
		2000..	5 419 740	2
		1999..	5 960 605	2
		1998..	5 916 164	2
		1997..	5 550 851	X
3119411	Vinegar and cider .....	2002..	336 645	X
		2001..	182 570	32
		2000..	186 188	31
		1999..	170 997	33
		1998..	225 788	1
		1997..	233 155	X
3119414	Prepared sauces, except tomato .....	2002..	1 707 194	X
		2001..	1 862 562	4
		2000..	1 842 840	3
		1999..	1 968 782	3
		1998..	1 925 345	4
		1997..	1 870 691	X
3119417	Mayonnaise, salad dressings, and sandwich spreads .....	2002..	2 755 487	X
		2001..	2 821 614	3
		2000..	3 155 842	2
		1999..	3 610 184	1
		1998..	3 579 876	2
		1997..	3 282 608	X
311941W	Mayonnaise, dressing, and other prepared sauce manufacturing, nsk, total .....	2002..	252 249	X
		2001..	227 580	19
		2000..	234 870	18
		1999..	210 642	21
		1998..	185 155	5
		1997..	164 397	X
311942	Spice and extract manufacturing .....	2002..	5 375 228	X
		2001..	4 906 985	3
		2000..	4 774 628	3
		1999..	4 823 704	3
		1998..	4 305 321	2
		1997..	4 315 818	X
3119421	Table salt (evaporated), pepper (white and black), and other spices .....	2002..	2 045 193	X
		2001..	1 731 417	6
		2000..	1 763 400	6
		1999..	1 736 222	5
		1998..	1 636 042	2
		1997..	1 713 993	X
3119425	Flavoring extracts, emulsions, and other liquid flavors and food colorings (except synthetic) .....	2002..	1 471 322	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3119427	Dry mix food preparations .....	2002..	1 635 202	X
		2001..	1 994 944	4
		2000..	1 883 653	5
		1999..	1 941 167	4
		1998..	1 745 130	2
		1997..	1 786 374	X
311942W	Spice and extract manufacturing, nsk, total .....	2002..	223 511	X
		2001..	151 781	2
		2000..	145 504	2
		1999..	98 327	3
		1998..	50 994	3
		1997..	42 860	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
311991	Perishable prepared food manufacturing .....	2002..	5 417 579	X
		2001..	3 121 540	3
		2000..	3 162 487	3
		1999..	2 879 588	2
		1998..	3 066 607	3
		1997..	2 860 755	X
3119910	Perishable prepared food manufacturing .....	2002..	5 417 579	X
		2001..	3 121 540	3
		2000..	3 162 487	3
		1999..	2 879 588	2
		1998..	3 066 607	3
		1997..	2 860 755	X
311999	All other miscellaneous food manufacturing .....	2002..	10 197 107	X
		2001..	10 369 368	5
		2000..	10 081 773	6
		1999..	8 864 372	3
		1998..	9 554 987	1
		1997..	9 331 297	X
3119991	Desserts, ready-to-mix .....	2002..	612 501	X
		2001..	445 488	15
		2000..	444 269	11
		1999..	412 496	8
		1998..	497 178	2
		1997..	512 820	X
3119994	Sweetening syrups and molasses .....	2002..	513 167	X
		2001..	509 229	6
		2000..	475 737	4
		1999..	436 185	6
		1998..	561 629	1
		1997..	627 456	X
3119997	Baking powder and yeast .....	2002..	363 344	X
		2001..	348 711	10
		2000..	354 244	9
		1999..	377 273	8
		1998..	388 509	1
		1997..	373 875	X
311999B	Purchased macaroni and noodle products, packaged with other purchased ingredients .....	2002..	787 697	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
311999G	Egg processing .....	2002..	1 460 559	X
		2001..	1 829 523	22
		2000..	1 745 457	28
		1999..	934 866	4
		1998..	1 378 397	1
		1997..	1 461 611	X
311999J	Flavoring powders, tablets, and paste (including dry mix cocktails) .....	2002..	1 668 180	X
		2001..	650 053	12
		2000..	612 314	11
		1999..	592 111	9
		1998..	709 502	1
		1997..	867 251	X
311999P	Other food preparations .....	2002..	2 303 123	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
311999W	All other miscellaneous food manufacturing, nsk, total .....	2002..	2 488 536	X
		2001..	978 681	16
		2000..	1 111 310	15
		1999..	952 365	17
		1998..	1 136 367	4
		1997..	1 147 881	X
312111	Soft drink manufacturing .....	2002..	29 173 600	X
		2001..	30 959 934	1
		2000..	29 814 945	1
		1999..	29 560 842	1
		1998..	29 901 516	1
		1997..	28 778 316	X
3121111	Soft drinks, bottled, carbonated .....	2002..	10 601 992	X
		2001..	10 789 195	2
		2000..	10 009 372	2
		1999..	10 572 289	2
		1998..	9 239 915	3
		1997..	9 094 971	X
3121114	Soft drinks, canned, carbonated .....	2002..	8 879 733	X
		2001..	11 810 076	2
		2000..	11 453 575	2
		1999..	10 996 966	2
		1998..	12 401 406	1
		1997..	11 762 928	X
312111A	Soft drinks, non-carbonated .....	2002..	6 407 418	X
		2001..	5 992 968	2
		2000..	6 034 271	2
		1999..	5 513 176	2
		1998..	5 725 067	2
		1997..	5 817 078	X

See footnotes at end of table.



**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

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Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
312111W	Soft drink manufacturing, nsk, total .....	2002..	3 284 457	X
		2001..	1 090 303	2
		2000..	956 561	2
		1999..	1 027 524	12
		1998..	1 140 670	6
		1997..	964 092	X
312112	Bottled water manufacturing .....	2002..	2 582 035	X
		2001..	1 694 611	9
		2000..	1 682 572	9
		1999..	1 512 357	8
		1998..	967 493	2
		1997..	836 529	X
3121120	Bottled water manufacturing .....	2002..	2 582 035	X
		2001..	1 694 611	9
		2000..	1 682 572	9
		1999..	1 512 357	8
		1998..	967 493	2
		1997..	836 529	X
312113	Ice manufacturing .....	2002..	588 398	X
		2001..	566 763	8
		2000..	515 088	8
		1999..	457 323	5
		1998..	442 954	1
		1997..	406 254	X
3121130	Ice manufacturing .....	2002..	588 398	X
		2001..	566 763	8
		2000..	515 088	8
		1999..	457 323	5
		1998..	442 954	1
		1997..	406 254	X
312120	Breweries .....	2002..	17 789 150	X
		2001..	16 924 799	1
		2000..	16 544 275	1
		1999..	16 907 367	1
		1998..	18 019 768	1
		1997..	18 162 490	X
3121201	Beer and ale, canned, case goods .....	2002..	9 221 705	X
		2001..	8 759 464	2
		2000..	8 688 233	1
		1999..	9 057 184	1
		1998..	9 487 567	1
		1997..	9 694 616	X
3121204	Beer and ale, bottled, case goods .....	2002..	6 737 874	X
		2001..	6 337 301	2
		2000..	6 060 565	2
		1999..	6 090 974	1
		1998..	6 298 913	1
		1997..	6 209 755	X
3121207	Beer and ale, barrels and kegs .....	2002..	1 084 752	X
		2001..	932 650	6
		2000..	944 540	6
		1999..	967 128	6
		1998..	1 009 296	1
		1997..	1 113 941	X
3121209	All other malt beverages and brewing products .....	2002..	321 335	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
312120W	Breweries, nsk, total .....	2002..	423 484	X
		2001..	413 565	20
		2000..	364 264	23
		1999..	332 047	24
		1998..	695 336	1
		1997..	539 022	X
312130	Wineries .....	2002..	9 025 982	X
		2001..	7 863 821	2
		2000..	7 217 276	3
		1999..	6 617 699	2
		1998..	6 718 670	2
		1997..	6 144 389	X
3121300	Wine, brandy, and brandy spirits .....	2002..	9 025 982	X
		2001..	7 863 821	2
		2000..	7 217 276	3
		1999..	6 617 699	2
		1998..	6 718 670	2
		1997..	6 144 389	X
312140	Distilleries .....	2002..	4 211 838	X
		2001..	3 928 576	5
		2000..	3 860 116	4
		1999..	3 063 020	3
		1998..	3 439 418	1
		1997..	3 396 361	X
3121402	Distilled liquor, except brandy .....	2002..	968 543	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3121404	Bottled liquor, except brandy .....	2002..	3 088 267	X
		2001..	3 159 266	6
		2000..	3 053 433	5
		1999..	2 340 602	4
		1998..	2 630 198	1
		1997..	2 621 726	X
312140W	Distilleries, nsk, total .....	2002..	155 028	X
		2001..	31 739	10
		2000..	28 887	11
		1999..	33 613	10
		1998..	56 514	4
		1997..	54 524	X
312210	Tobacco stemming and redrying .....	2002..	1 056 811	X
		2001..	2 224 010	1
		2000..	2 159 367	1
		1999..	2 370 055	1
		1998..	3 447 044	1
		1997..	3 129 196	X
3122101	Tobacco, unstemmed leaf, redried before packing .....	2002..	414 341	X
		2001..	28 350	1
		2000..	25 320	1
		1999..	28 947	1
		1998..	41 982	1
		1997..	104 353	X
3122104	Tobacco, stemmed .....	2002..	639 289	X
		2001..	2 154 219	1
		2000..	2 094 410	1
		1999..	2 330 052	1
		1998..	3 387 712	1
		1997..	3 024 843	X
312210W	Tobacco stemming and redrying, nsk, total .....	2002..	3 181	X
		2001..	41 441	4
		2000..	39 637	1
		1999..	11 056	1
		1998..	17 350	1
		1997..	—	X
312221	Cigarette manufacturing .....	2002..	33 740 199	X
		2001..	45 695 973	1
		2000..	41 647 482	1
		1999..	38 476 740	1
		1998..	31 813 784	1
		1997..	28 258 382	X
3122210	Cigarettes, including nontobacco .....	2002..	33 740 199	X
		2001..	45 695 973	1
		2000..	41 647 482	1
		1999..	38 476 740	1
		1998..	31 813 784	X
		1997..	28 258 382	X
312229	Other tobacco product manufacturing .....	2002..	4 089 168	X
		2001..	3 950 232	7
		2000..	3 713 088	7
		1999..	3 749 332	6
		1998..	4 010 572	1
		1997..	3 985 043	X
3122291	Cigars .....	2002..	D	X
		2001..	D	S
		2000..	D	S
		1999..	D	S
		1998..	D	S
		1997..	D	X
3122294	Chewing and smoking tobacco .....	2002..	2 462 929	X
		2001..	2 216 853	12
		2000..	2 073 000	12
		1999..	2 089 828	11
		1998..	2 314 533	1
		1997..	2 225 631	X
3122297	Reconstituted tobacco, processed sheet and homogenized .....	2002..	D	X
		2001..	D	S
		2000..	D	S
		1999..	D	S
		1998..	D	S
		1997..	D	X
312229W	Other tobacco product manufacturing, nsk, total .....	2002..	223 336	X
		2001..	30 023	1
		2000..	36 569	38
		1999..	11 742	1
		1998..	6 674	1
		1997..	3 972	X
313111	Yarn spinning mills .....	2002..	6 401 302	X
		2001..	5 982 229	3
		2000..	6 942 513	3
		1999..	7 994 763	2
		1998..	8 587 639	1
		1997..	8 714 457	X
3131111	Yarns, carded, cotton .....	2002..	2 307 272	X
		2001..	3 091 825	4
		2000..	3 169 124	4
		1999..	3 566 062	4
		1998..	3 640 690	1
		1997..	3 633 066	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3131113	Yarns, combed, cotton .....	2002..	627 203	X
		2001..	295 653	21
		2000..	519 193	10
		1999..	609 713	8
		1998..	677 297	2
		1997..	645 919	X
3131115	Yarns, spun, rayon, acetate, and lyocell .....	2002..	173 909	X
		2001..	199 000	26
		2000..	197 448	19
		1999..	211 988	15
		1998..	242 404	3
		1997..	247 992	X
3131116	Yarns, spun, noncellulosic fiber and other natural fibers .....	2002..	2 904 535	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3131119	Yarns, wool, including new, reused, and reprocessed .....	2002..	159 454	X
		2001..	133 015	10
		2000..	148 183	8
		1999..	156 525	9
		1998..	264 650	3
		1997..	265 659	X
313111C	Scouring and combing mill products .....	2002..	131 019	X
		2001..	D	S
		2000..	D	S
		1999..	D	S
		1998..	D	S
		1997..	D	X
313111W	Yarn spinning mills, nsk, total .....	2002..	97 910	X
		2001..	70 926	25
		2000..	64 535	27
		1999..	68 067	18
		1998..	105 778	1
		1997..	105 040	X
313112	Yarn texturizing, throwing, and twisting mills .....	2002..	4 262 180	X
		2001..	3 764 294	8
		2000..	4 224 656	8
		1999..	4 104 493	7
		1998..	4 148 299	1
		1997..	4 421 632	X
3131121	Yarns, novelty and plied, except wool, not spun or thrown at the same establishment .....	2002..	146 416	X
		2001..	208 314	1
		2000..	241 956	2
		1999..	210 837	2
		1998..	198 251	4
		1997..	156 841	X
3131123	Yarns, thrown, filament, except textured .....	2002..	1 300 154	X
		2001..	927 740	7
		2000..	1 096 870	6
		1999..	1 201 075	11
		1998..	1 247 055	3
		1997..	1 023 930	X
3131125	Yarns, textured, crimped, and bulked, filament, including stretch, made from purchased yarn .....	2002..	2 615 028	X
		2001..	2 506 534	12
		2000..	2 751 100	12
		1999..	2 590 184	9
		1998..	2 588 014	1
		1997..	3 092 822	X
3131128	Yarns, filament, commission receipts for throwing, texturing, or winding .....	2002..	127 764	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
313112W	Yarn texturizing, throwing, and twisting mills, nsk, total .....	2002..	72 818	X
		2001..	25 594	11
		2000..	23 896	12
		1999..	23 372	11
		1998..	63 843	1
		1997..	104 826	X
313113	Thread mills .....	2002..	307 118	X
		2001..	410 613	13
		2000..	544 166	9
		1999..	503 259	10
		1998..	725 590	3
		1997..	702 519	X
3131130	Thread mills .....	2002..	307 118	X
		2001..	410 613	13
		2000..	544 166	9
		1999..	503 259	10
		1998..	725 590	3
		1997..	702 519	X
313210	Broadwoven fabric mills .....	2002..	10 825 366	X
		2001..	12 903 234	2
		2000..	15 150 931	2
		1999..	16 016 194	1
		1998..	17 551 795	2

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Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
313210	Broadwoven fabric mills—Con.	1997..	17 405 307	X
3132101	Broadwoven fabrics, cotton, plain weave (except pile), gray goods .....	2002..	959 518	X
		2001..	1 059 053	5
		2000..	1 205 623	4
		1999..	1 347 498	3
		1998..	965 148	1
		1997..	975 740	X
3132103	Broadwoven fabrics, cotton, twill weave (except pile), gray goods .....	2002..	822 951	X
		2001..	1 738 822	5
		2000..	1 912 329	5
		1999..	2 143 351	4
		1998..	2 427 956	1
		1997..	2 193 692	X
3132105	Broadwoven fabrics, cotton, all other weaves (except plain, twill, or pile), gray goods .....	2002..	193 768	X
		2001..	289 025	15
		2000..	378 798	14
		1999..	430 932	9
		1998..	429 079	2
		1997..	427 642	X
3132107	Broadwoven fabrics, cotton, pile, gray goods .....	2002..	D	X
		2001..	473 045	2
		2000..	443 018	3
		1999..	477 051	4
		1998..	430 840	1
		1997..	375 689	X
3132109	Broadwoven fabrics, cotton, finished in weaving mills .....	2002..	538 804	X
		2001..	265 201	37
		2000..	384 888	26
		1999..	400 285	26
		1998..	761 825	25
		1997..	682 361	X
313210D	Fabricated textile products, made in weaving mills .....	2002..	1 362 943	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
313210E	Broadwoven fabrics, manmade fiber, 85 percent or more filament yarns (chiefly rayon, acetate, and lyocell), gray goods .....	2002..	532 258	X
		2001..	302 401	13
		2000..	432 031	7
		1999..	404 752	9
		1998..	557 637	1
		1997..	540 475	X
313210G	Broadwoven fabrics, manmade fiber, 85 percent or more filament yarns (except rayon, acetate, and lyocell), gray goods .....	2002..	1 364 684	X
		2001..	2 158 871	4
		2000..	2 537 395	3
		1999..	2 402 285	3
		1998..	2 900 476	6
		1997..	3 167 653	X
313210H	Broadwoven fabrics, manmade fiber, plain weave (except pile), 85 percent or more spun yarns (except wool blends), gray goods .....	2002..	1 029 502	X
		2001..	748 823	7
		2000..	987 992	5
		1999..	1 033 870	4
		1998..	1 330 264	10
		1997..	1 166 604	X
313210J	Broadwoven fabrics, manmade fiber, twill weave (except pile), 85 percent or more spun yarns (except wool blends), gray goods .....	2002..	176 684	X
		2001..	136 248	17
		2000..	169 806	11
		1999..	147 361	12
		1998..	190 770	1
		1997..	199 999	X
313210L	Broadwoven fabrics, manmade fiber, all other weaves (except plain, twill, and pile), 85 percent or more spun yarn (except wool blends), gray goods .....	2002..	345 813	X
		2001..	380 903	10
		2000..	495 757	8
		1999..	474 357	7
		1998..	714 581	2
		1997..	718 496	X
313210M	Broadwoven fabrics, manmade fiber, combinations of spun and filament yarns, each less than 85 percent of total fiber content (except wool blends), gray goods .....	2002..	595 922	X
		2001..	1 150 238	5
		2000..	1 325 716	4
		1999..	1 303 816	4
		1998..	1 477 906	1
		1997..	1 497 959	X
313210N	Broadwoven fabrics, manmade fiber, including silk and natural fibers (except cotton), all other weaves (including pile), gray goods .....	2002..	284 805	X
		2001..	325 311	3
		2000..	427 711	3
		1999..	460 691	2
		1998..	402 498	1
		1997..	375 539	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
313210P	Broadwoven fabrics, manmade fiber and silk, finished in weaving mills.....	2002..	1 394 156	X
		2001..	1 391 763	9
		2000..	1 585 601	8
		1999..	1 707 186	6
		1998..	1 567 173	4
		1997..	1 789 850	X
313210T	Broadwoven fabrics, wool, gray goods.....	2002..	D	X
		2001..	175 149	6
		2000..	197 276	5
		1999..	223 837	4
		1998..	236 102	7
		1997..	258 345	X
313210U	Broadwoven fabrics, including felts, wool, finished in weaving mills.....	2002..	173 639	X
		2001..	325 006	11
		2000..	496 250	6
		1999..	476 764	5
		1998..	598 256	1
		1997..	682 535	X
313210W	Broadwoven fabric mills, nsk, total .....	2002..	583 555	X
		2001..	492 172	20
		2000..	460 972	21
		1999..	537 036	17
		1998..	464 771	40
		1997..	542 159	X
313221	Narrow fabric mills .....	2002..	1 117 825	X
		2001..	1 276 160	3
		2000..	1 423 550	2
		1999..	1 468 418	2
		1998..	1 310 998	4
		1997..	1 355 063	X
3132211	Narrow fabrics (12 inches or less in width), woven .....	2002..	808 078	X
		2001..	912 659	3
		2000..	1 009 318	3
		1999..	1 023 839	2
		1998..	850 803	6
		1997..	930 998	X
3132213	Narrow fabrics (12 inches or less in width), braided.....	2002..	183 418	X
		2001..	189 777	7
		2000..	226 591	6
		1999..	221 890	7
		1998..	212 373	2
		1997..	206 032	X
3132215	Covered rubber thread, made in narrow fabric mills .....	2002..	82 254	X
		2001..	111 739	6
		2000..	123 541	4
		1999..	159 851	3
		1998..	177 502	6
		1997..	157 853	X
313221W	Narrow fabric mills, nsk, total .....	2002..	44 075	X
		2001..	61 986	10
		2000..	64 099	10
		1999..	62 838	11
		1998..	70 320	1
		1997..	60 180	X
313222	Schiffli machine embroidery .....	2002..	129 345	X
		2001..	271 509	52
		2000..	263 120	48
		1999..	229 631	25
		1998..	203 580	19
		1997..	179 995	X
3132220	Schiffli machine embroideries .....	2002..	129 345	X
		2001..	271 509	52
		2000..	263 120	48
		1999..	229 631	25
		1998..	203 580	19
		1997..	179 995	X
313230	Nonwoven fabric mills .....	2002..	4 923 532	X
		2001..	4 854 702	2
		2000..	5 335 576	2
		1999..	4 873 483	2
		1998..	4 647 841	2
		1997..	4 236 062	X
3132301	Nonwoven fabrics .....	2002..	3 232 463	X
		2001..	3 409 728	3
		2000..	3 786 208	3
		1999..	3 395 346	3
		1998..	3 252 842	1
		1997..	2 784 259	X
3132303	Fabricated nonwoven products .....	2002..	868 838	X
		2001..	858 016	3
		2000..	880 647	3
		1999..	850 457	3
		1998..	779 774	5
		1997..	838 357	X
3132305	Pressed, punched, or needled felts (except hats) .....	2002..	695 574	X
		2001..	481 996	8
		2000..	563 146	7
		1999..	525 734	5
		1998..	512 047	12
		1997..	537 688	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
313230W	Nonwoven fabric mills, nsk, total .....	2002..	126 657	X
		2001..	104 962	2
		2000..	105 574	2
		1999..	101 947	1
		1998..	103 178	10
		1997..	75 758	X
313241	Weft knit fabric mills .....	2002..	1 731 757	X
		2001..	1 467 006	8
		2000..	2 253 243	5
		1999..	2 691 761	4
		1998..	2 949 610	3
		1997..	3 177 558	X
3132411	Weft (circular) knit fabrics, greige goods (except hosiery) .....	2002..	646 667	X
		2001..	590 344	16
		2000..	757 230	11
		1999..	998 885	8
		1998..	1 165 152	3
		1997..	1 218 064	X
3132413	Weft (circular) knit fabrics, finished (except hosiery) .....	2002..	901 015	X
		2001..	687 955	10
		2000..	1 234 419	7
		1999..	1 384 708	4
		1998..	1 417 945	4
		1997..	1 585 100	X
3132416	Weft (circular) knit fabrics, nonapparel type, including commission receipts for knitting only or knitting and finishing (except hosiery) .....	2002..	118 166	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
313241W	Weft knit fabric mills, nsk, total .....	2002..	65 909	X
		2001..	90 594	2
		2000..	81 090	8
		1999..	86 515	2
		1998..	88 826	13
		1997..	77 963	X
313249	Other knit fabric and lace mills .....	2002..	1 515 850	X
		2001..	1 729 791	4
		2000..	2 014 088	5
		1999..	2 146 207	7
		1998..	2 318 400	2
		1997..	2 405 105	X
3132491	Warp knit fabrics, greige goods .....	2002..	380 644	X
		2001..	446 303	15
		2000..	558 777	19
		1999..	605 076	24
		1998..	673 860	1
		1997..	633 654	X
3132493	Warp knit fabrics, finished .....	2002..	911 590	X
		2001..	1 046 100	2
		2000..	1 193 931	2
		1999..	1 300 603	2
		1998..	1 423 299	1
		1997..	1 486 521	X
3132495	Warp knit fabrics, lace and net goods, all leavers and nottingham lace machine products, including bobbinets and barmen laces .....	2002..	42 178	X
		2001..	45 347	1
		2000..	44 336	1
		1999..	37 936	1
		1998..	42 118	4
		1997..	43 182	X
3132497	Warp knit fabrics, lace and net goods, contract and commission receipts for knitting only or knitting and finishing .....	2002..	71 784	X
		2001..	67 348	23
		2000..	87 475	18
		1999..	73 088	10
		1998..	74 853	37
		1997..	82 093	X
313249A	Warp knit fabrics, other nonapparel products (including knitted towels and washcloths), except fabrics, lace, and net goods .....	2002..	26 039	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
313249W	Other knit fabric and lace mills, nsk, total .....	2002..	83 615	X
		2001..	57 191	6
		2000..	56 477	6
		1999..	54 774	6
		1998..	18 082	25
		1997..	50 654	X
313311	Broadwoven fabric finishing mills .....	2002..	6 638 421	X
		2001..	7 147 530	7
		2000..	7 900 281	6
		1999..	7 837 728	6
		1998..	8 484 115	4
		1997..	9 107 244	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3133111	Broadwoven fabrics, cotton, finished in finishing mills .....	2002.. 1 748 242	X
		2001.. 2 401 814	18
		2000.. 2 632 031	16
		1999.. 2 312 314	16
		1998.. 1 955 650	5
		1997.. 1 856 811	X
3133113	Broadwoven fabrics, cotton, job or commission finishing .....	2002.. 954 650	X
		2001.. 717 799	8
		2000.. 852 811	6
		1999.. 971 164	4
		1998.. 1 213 395	6
		1997.. 1 359 146	X
3133115	Broadwoven fabrics, manmade fiber and silk, finished in finishing mills .....	2002.. 2 210 982	X
		2001.. 2 003 299	7
		2000.. 2 288 348	6
		1999.. 2 321 403	4
		1998.. 2 698 546	9
		1997.. 2 857 139	X
3133117	Broadwoven fabrics, manmade fiber and silk, job or commission finishing .....	2002.. D	X
		2001.. 465 650	19
		2000.. 618 458	15
		1999.. 780 008	8
		1998.. 1 073 982	7
		1997.. 1 160 036	X
3133119	Broadwoven fabrics, finished, wool (including felts), not finished in weaving mills .....	2002.. D	X
		2001.. 1 169	A
		2000.. 827	A
		1999.. 8 961	51
		1998.. 136 334	1
		1997.. 90 657	X
313311W	Broadwoven fabric finishing mills, nsk, total .....	2002.. 953 823	X
		2001.. 1 557 800	13
		2000.. 1 507 807	14
		1999.. 1 443 879	15
		1998.. 1 406 207	12
		1997.. 1 783 455	X
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	2002.. 3 398 789	X
		2001.. 3 249 567	12
		2000.. 3 573 141	10
		1999.. 3 860 960	11
		1998.. 3 921 324	3
		1997.. 4 403 742	X
3133120	Finished fabrics (except broadwoven) and other finished textiles .....	2002.. 3 398 789	X
		2001.. 3 249 567	12
		2000.. 3 573 141	10
		1999.. 3 860 960	11
		1998.. 3 921 324	3
		1997.. 4 403 742	X
313320	Fabric coating mills .....	2002.. 2 151 364	X
		2001.. 2 275 750	4
		2000.. 2 411 954	4
		1999.. 2 153 641	4
		1998.. 2 227 147	3
		1997.. 2 127 092	X
3133201	Vinyl coated fabrics, including expanded vinyl coated .....	2002.. 673 601	X
		2001.. 705 938	7
		2000.. 757 448	7
		1999.. 728 484	6
		1998.. 699 611	5
		1997.. 635 244	X
3133204	Rubber coated fabrics and garments .....	2002.. 204 208	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3133205	Other coated or laminated fabrics and coated yarns .....	2002.. 1 046 804	X
		2001.. 1 223 725	5
		2000.. 1 244 854	4
		1999.. 1 047 912	4
		1998.. 1 191 989	4
		1997.. 1 105 889	X
313320W	Fabric coating mills, nsk, total .....	2002.. 226 751	X
		2001.. 110 906	30
		2000.. 108 976	32
		1999.. 108 555	31
		1998.. 188 147	1
		1997.. 223 274	X
314110	Carpet and rug mills .....	2002.. 13 413 346	X
		2001.. 12 129 135	1
		2000.. 12 240 432	1
		1999.. 11 218 263	1
		1998.. 11 633 821	1
		1997.. 10 977 111	X
3141101	Carpet and rugs, woven .....	2002.. 769 819	X
		2001.. 542 214	3
		2000.. 486 732	4
		1999.. 389 475	5
		1998.. 418 032	3

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3141101	Carpet and rugs, woven—Con.	1997.. 345 497	X
3141103	Carpet and rugs, tufted .....	2002.. 11 402 313 2001.. 10 958 094 2000.. 10 991 369 1999.. 10 078 503 1998.. 10 564 205 1997.. 9 968 548	X 1 1 1 1 X
3141105	Other carpet, rugs, and mats .....	2002.. 417 693 2001.. 399 632 2000.. 543 624 1999.. 522 205 1998.. 461 224 1997.. 414 121	X 8 5 5 3 X
314110W	Carpet and rug mills, nsk, total .....	2002.. 823 521 2001.. 229 195 2000.. 218 707 1999.. 228 080 1998.. 190 360 1997.. 248 945	X 23 24 23 5 X
314121	Curtain and drapery mills .....	2002.. 1 484 985 2001.. 1 725 147 2000.. 1 875 053 1999.. 1 911 454 1998.. 2 047 523 1997.. 1 676 510	X 5 5 4 5 X
3141210	Curtains and draperies .....	2002.. 1 484 985 2001.. 1 725 147 2000.. 1 875 053 1999.. 1 911 454 1998.. 2 047 523 1997.. 1 676 510	X 5 5 4 5 X
314129	Other household textile product mills .....	2002.. 6 058 176 2001.. 6 689 468 2000.. 7 091 659 1999.. 6 793 965 1998.. 6 125 051 1997.. 6 600 210	X 2 2 2 7 X
3141291	Bedspreads, made from purchased materials .....	2002.. 190 292 2001.. 263 772 2000.. 274 275 1999.. 340 329 1998.. 262 144 1997.. 272 015	X 12 12 8 12 X
3141293	Sheets and pillowcases, made from purchased materials .....	2002.. 1 363 386 2001.. 1 307 775 2000.. 1 348 588 1999.. 1 392 710 1998.. 1 414 702 1997.. 1 444 112	X 4 4 4 7 X
3141295	Towels and washcloths, made from purchased materials .....	2002.. 587 024 2001.. 801 395 2000.. 914 701 1999.. 946 728 1998.. 777 425 1997.. 849 293	X 6 3 2 3 X
3141296	Other household furnishings, made from purchased materials .....	2002.. 3 486 900 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
314129W	Other household textile product mills, nsk, total .....	2002.. 430 574 2001.. 327 019 2000.. 323 137 1999.. 332 313 1998.. 464 834 1997.. 231 706	X 11 12 16 24 X
314911	Textile bag mills .....	2002.. 657 408 2001.. 771 367 2000.. 832 750 1999.. 907 464 1998.. 913 079 1997.. 919 967	X 7 6 4 3 X
3149110	Textile bags .....	2002.. 657 408 2001.. 771 367 2000.. 832 750 1999.. 907 464 1998.. 913 079 1997.. 919 967	X 7 6 4 3 X
314912	Canvas and related product mills .....	2002.. 1 696 259 2001.. 1 635 775 2000.. 1 718 564 1999.. 1 586 040 1998.. 1 508 101 1997.. 1 464 525	X 4 4 3 3 X
3149120	Canvas and related products .....	2002.. 1 696 259 2001.. 1 635 775 2000.. 1 718 564 1999.. 1 586 040 1998.. 1 508 101 1997.. 1 464 525	X 4 4 3 3 X

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Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
314991	Rope, cordage, and twine mills .....	2002..	602 538	X
		2001..	669 487	7
		2000..	706 409	7
		1999..	696 340	5
		1998..	670 623	2
		1997..	695 624	X
3149911	Cordage and twine, hard fiber .....	2002..	74 320	X
		2001..	84 973	9
		2000..	86 516	9
		1999..	82 077	9
		1998..	50 819	11
		1997..	49 323	X
3149913	Cordage and twine, soft fiber, except cotton .....	2002..	412 234	X
		2001..	451 022	9
		2000..	468 876	9
		1999..	470 698	7
		1998..	449 485	2
		1997..	503 547	X
3149915	Cordage and twine, cotton .....	2002..	45 220	X
		2001..	102 066	12
		2000..	99 147	12
		1999..	94 006	11
		1998..	66 521	15
		1997..	59 002	X
314991W	Rope, cordage, and twine mills, nsk, total .....	2002..	70 764	X
		2001..	31 426	51
		2000..	51 870	30
		1999..	49 559	26
		1998..	103 797	1
		1997..	83 752	X
314992	Tire cord and tire fabric mills .....	2002..	1 251 925	X
		2001..	1 178 873	1
		2000..	1 479 467	1
		1999..	1 405 434	1
		1998..	1 303 269	1
		1997..	1 294 525	X
3149920	Tire cord and tire fabrics .....	2002..	1 251 925	X
		2001..	1 178 873	1
		2000..	1 479 467	1
		1999..	1 405 434	1
		1998..	1 303 269	X
		1997..	1 294 525	X
314999	All other miscellaneous textile product mills .....	2002..	4 965 136	X
		2001..	5 422 054	7
		2000..	5 846 206	6
		1999..	6 305 953	6
		1998..	5 519 504	4
		1997..	6 089 265	X
3149991	Recovered fibers, processed mill waste and related products .....	2002..	187 128	X
		2001..	137 145	46
		2000..	160 800	40
		1999..	293 716	20
		1998..	351 599	8
		1997..	436 925	X
3149993	Paddings and upholstery filling, batting, and wadding (except foam rubber and plastics) .....	2002..	508 604	X
		2001..	650 496	26
		2000..	712 940	25
		1999..	736 754	21
		1998..	544 430	6
		1997..	562 674	X
3149995	Embroideries, except Schiffl machine products .....	2002..	539 957	X
		2001..	561 036	28
		2000..	653 907	20
		1999..	632 754	12
		1998..	516 786	31
		1997..	556 538	X
3149997	Trimings and findings, other types .....	2002..	242 972	X
		2001..	197 569	39
		2000..	165 996	46
		1999..	272 232	31
		1998..	232 972	8
		1997..	263 810	X
3149998	All other miscellaneous fabricated textile products .....	2002..	2 404 902	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
314999W	All other miscellaneous textile product mills, nsk, total .....	2002..	1 081 573	X
		2001..	1 026 406	23
		2000..	999 809	24
		1999..	1 197 549	22
		1998..	1 041 214	8
		1997..	1 003 960	X
315111	Sheer hosiery mills .....	2002..	886 348	X
		2001..	973 778	6
		2000..	1 125 077	5
		1999..	1 236 913	4
		1998..	1 438 817	1
		1997..	1 572 367	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3151111	Sheer hosiery, women's, misses', and girls', finished, full-length, knee-length, and below the knee .....	2002..	229 248	X
		2001..	291 812	6
		2000..	301 928	5
		1999..	309 814	5
		1998..	296 299	1
		1997..	292 425	X
3151113	Sheer pantyhose, including tights, women's, misses', and girls', finished, all needles .....	2002..	517 180	X
		2001..	581 648	10
		2000..	706 426	8
		1999..	775 033	7
		1998..	991 723	1
		1997..	1 132 563	X
3151115	Sheer hosiery, except socks, women's, misses', and girls', shipped in the greige .....	2002..	109 237	X
		2001..	72 625	8
		2000..	85 672	9
		1999..	97 550	5
		1998..	87 776	1
		1997..	91 169	X
315111W	Sheer hosiery mills, nsk, total .....	2002..	30 683	X
		2001..	27 693	36
		2000..	31 051	32
		1999..	54 516	15
		1998..	63 019	2
		1997..	56 210	X
315119	Other hosiery and sock mills .....	2002..	2 346 036	X
		2001..	2 688 607	6
		2000..	2 794 519	5
		1999..	2 656 550	3
		1998..	2 821 338	2
		1997..	2 777 069	X
3151191	Hosiery and socks, men's, finished, seamless, sizes 10 and up .....	2002..	1 265 617	X
		2001..	1 407 455	10
		2000..	1 411 165	8
		1999..	1 212 472	4
		1998..	1 364 725	2
		1997..	1 300 278	X
3151193	Hosiery, all other types, except sheer, finished .....	2002..	856 939	X
		2001..	924 435	5
		2000..	997 214	5
		1999..	996 727	4
		1998..	1 015 644	4
		1997..	1 100 974	X
3151195	Hosiery, except sheer, seamless, shipped in the greige .....	2002..	127 230	X
		2001..	202 029	5
		2000..	239 349	3
		1999..	217 009	5
		1998..	215 756	14
		1997..	224 767	X
315119W	Other hosiery and sock mills, nsk, total .....	2002..	96 250	X
		2001..	154 688	33
		2000..	146 790	33
		1999..	230 342	25
		1998..	225 213	14
		1997..	151 050	X
315191	Outerwear knitting mills .....	2002..	1 570 814	X
		2001..	2 112 357	8
		2000..	2 508 908	6
		1999..	2 664 763	6
		1998..	2 965 802	3
		1997..	3 927 154	X
3151912	Sweaters, men's and boys', made in knitting mills .....	2002..	59 532	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3151914	Sweaters, women's, girls', and infants', made in knitting mills .....	2002..	310 107	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3151917	Shirts, dress and sport (including polo, tank tops, sweat and t-shirts), knit, men's and boys', made in knitting mills .....	2002..	454 825	X
		2001..	441 359	30
		2000..	818 091	15
		1999..	996 542	12
		1998..	1 138 787	1
		1997..	1 657 225	X
315191B	Shirts and blouses (including polo, tank tops, sweat and t-shirts), knit, women's, girls', and infants', made in knitting mills .....	2002..	201 338	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
315191D	Outerwear (except sweaters, shirts and blouses), knit, made in knitting mills .....	2002.. 106 419	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
315191E	Contract receipts for knitting only or knitting and finishing knitting mill products, except underwear and nightwear .....	2002.. 80 472	X
		2001.. 169 648	27
		2000.. 171 676	26
		1999.. 164 897	27
		1998.. 218 981	10
		1997.. 251 542	X
315191G	Gloves and mittens, made in knitting mills .....	2002.. 54 562	X
		2001.. 44 662	1
		2000.. 55 130	2
		1999.. 58 850	3
		1998.. 54 890	1
		1997.. 89 166	X
315191H	Apparel products (except outerwear, gloves and mittens, underwear, and nightwear), other types (hats, mufflers, scarves, etc.), made in knitting mills .....	2002.. 39 204	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
315191W	Outerwear knitting mills, nsk, total .....	2002.. 264 355	X
		2001.. 347 476	26
		2000.. 380 737	23
		1999.. 388 771	19
		1998.. 599 317	1
		1997.. 485 709	X
315192	Underwear and nightwear knitting mills .....	2002.. 783 592	X
		2001.. 418 544	11
		2000.. 463 407	5
		1999.. 491 344	4
		1998.. 722 698	1
		1997.. 785 521	X
3151921	Underwear, nightwear, and robes, men's and boys', knit, made in knitting mills .....	2002.. 338 232	X
		2001.. 226 903	20
		2000.. 267 471	8
		1999.. 336 747	6
		1998.. 465 663	1
		1997.. 514 835	X
3151924	Underwear and nightwear, women's, girls', and infants', knit, made in knitting mills .....	2002.. 434 039	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
315192E	Contract receipts for knitting only or knitting and finishing underwear and nightwear .....	2002.. -	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
315192W	Underwear and nightwear knitting mills, nsk, total .....	2002.. 11 321	X
		2001.. D	S
		2000.. D	S
		1999.. D	S
		1998.. D	S
		1997.. D	X
315211	Men's and boys' cut and sew apparel contractors .....	2002.. 927 436	X
		2001.. 1 371 766	16
		2000.. 1 629 967	15
		1999.. 1 752 480	10
		1998.. 1 941 962	4
		1997.. 1 832 910	X
3152111	Contract receipts for men's and boys' tailored suits, coats, jackets, and vests .....	2002.. 94 602	X
		2001.. 114 485	31
		2000.. 151 668	21
		1999.. 187 535	12
		1998.. 258 646	9
		1997.. 317 987	X
3152113	Contract receipts for men's and boys' shirts, except work shirts .....	2002.. 216 448	X
		2001.. 660 188	29
		2000.. 764 189	29
		1999.. 698 192	23
		1998.. 663 100	4
		1997.. 536 523	X
3152116	Contract receipts for men's and boys' underwear and nightwear, including robes .....	2002.. 28 044	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3152118	Contract receipts for men's and boys' pants, work apparel, and other outerwear .....	2002.. 375 322	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
315211A	Contract receipts for men's and boys' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories .....	2002.. 81 009	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
315211W	Men's and boys' cut and sew apparel contractors, nsk, total .....	2002.. 132 011	X
		2001.. 61 166	14
		2000.. 50 986	20
		1999.. 79 079	11
		1998.. 90 875	5
		1997.. 6 673	X
315212	Women's, girls', and infants' cut and sew apparel contractors .....	2002.. 2 591 890	X
		2001.. 2 085 945	14
		2000.. 2 700 249	11
		1999.. 3 127 300	8
		1998.. 3 140 031	4
		1997.. 3 993 291	X
3152121	Contract receipts for women's, misses', girls', and infants' shirts and blouses .....	2002.. 442 951	X
		2001.. 212 023	56
		2000.. 302 455	36
		1999.. 354 637	30
		1998.. 364 529	6
		1997.. 511 214	X
3152123	Contract receipts for women's, girls', and infants' dresses .....	2002.. 446 386	X
		2001.. 382 720	32
		2000.. 677 043	22
		1999.. 963 577	13
		1998.. 767 211	14
		1997.. 1 027 767	X
3152125	Contract receipts for women's, girls', and infants' skirts, tailored suits, coats, jackets, and vests .....	2002.. 258 597	X
		2001.. 29 354	A
		2000.. 136 262	84
		1999.. 339 539	52
		1998.. 301 353	4
		1997.. 372 099	X
3152127	Contract receipts for women's, girls', and infants' nontailored coats, jackets, and vests, pants, shorts, swimwear, sweaters, and other outerwear .....	2002.. 702 434	X
		2001.. 728 197	18
		2000.. 754 866	16
		1999.. 968 365	10
		1998.. 1 339 421	5
		1997.. 1 779 161	X
3152128	Contract receipts for women's, girls', and infants' underwear and nightwear, including robes and foundation garments .....	2002.. 25 725	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
315212A	Contract receipts for women's, girls', and infants' embroidering (except Schiffli), team sport uniforms, costumes, and other apparel and apparel accessories .....	2002.. 35 474	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
315212W	Women's, girls', and infants' cut and sew apparel contractors, nsk, total .....	2002.. 680 323	X
		2001.. 446 014	7
		2000.. 485 590	12
		1999.. 267 108	6
		1998.. 235 630	2
		1997.. 43 148	X
315221	Men's and boys' cut and sew underwear and nightwear manufacturing .....	2002.. 246 151	X
		2001.. 703 069	17
		2000.. 1 233 725	10
		1999.. 1 452 684	12
		1998.. 1 047 339	3
		1997.. 1 592 367	X
3152210	Men's and boys' knit underwear, nightwear, and robes, made from purchased fabrics .....	2002.. 246 151	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X

See footnotes at end of table.

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing .....	2002..	947 309 X
		2001..	1 154 863 6
		2000..	1 422 108 4
		1999..	1 487 050 4
		1998..	1 822 636 3
		1997..	1 895 567 X
3152222	Men's and boys' tailored suits, including dress uniforms (firefighter, military, police, etc.), made from purchased fabrics .....	2002..	519 685 X
		2001..	N N
		2000..	N N
		1999..	N N
		1998..	N N
		1997..	N X
3152224	Men's and boys' tailored overcoats, topcoats, car and suburban coats (including water-repellent), made from purchased fabrics .....	2002..	96 928 X
		2001..	N N
		2000..	N N
		1999..	N N
		1998..	N N
		1997..	N X
3152226	Men's and boys' tailored dress and sport coats and vests, made from purchased fabrics .....	2002..	293 564 X
		2001..	N N
		2000..	N N
		1999..	N N
		1998..	N N
		1997..	N X
315222W	Men's and boys' cut and sew suit, coat, and overcoat manufacturing, nsk, total .....	2002..	37 132 X
		2001..	16 310 A
		2000..	19 560 A
		1999..	14 994 A
		1998..	110 781 1
		1997..	62 273 X
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing .....	2002..	1 543 380 X
		2001..	3 375 621 9
		2000..	4 669 672 5
		1999..	5 470 373 5
		1998..	5 377 799 2
		1997..	5 289 588 X
3152231	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics .....	2002..	1 081 535 X
		2001..	2 653 907 11
		2000..	3 794 211 6
		1999..	4 515 824 6
		1998..	4 197 509 2
		1997..	4 079 816 X
3152233	Men's and boys' woven dress and sport shirts, made from purchased fabrics .....	2002..	368 761 X
		2001..	553 072 13
		2000..	744 176 7
		1999..	830 925 6
		1998..	941 911 5
		1997..	984 106 X
315223W	Men's and boys' cut and sew shirts (except work shirts) manufacturing, nsk, total .....	2002..	93 084 X
		2001..	168 642 23
		2000..	131 285 27
		1999..	123 624 26
		1998..	238 378 2
		1997..	225 666 X
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing .....	2002..	4 136 331 X
		2001..	4 899 869 3
		2000..	5 263 801 3
		1999..	5 641 259 3
		1998..	6 089 740 1
		1997..	6 593 077 X
3152242	Men's and boys' separate dress and sport trousers, pants, and slacks (except jeans, jean-cut casual slacks, workpants, and sweatpants), made from purchased fabrics .....	2002..	1 424 033 X
		2001..	N N
		2000..	N N
		1999..	N N
		1998..	N N
		1997..	N X
3152244	Men's and boys' jeans and jean-cut casual slacks, made from purchased fabrics .....	2002..	2 584 804 X
		2001..	N N
		2000..	N N
		1999..	N N
		1998..	N N
		1997..	N X
315224W	Men's and boys' cut and sew trouser, slack, and jean manufacturing, nsk, total .....	2002..	127 494 X
		2001..	359 758 1
		2000..	284 376 2
		1999..	41 594 1
		1998..	36 877 1
		1997..	21 906 X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
315225	Men's and boys' cut and sew work clothing manufacturing .....	2002..	1 741 803	X
		2001..	1 597 880	8
		2000..	1 794 599	7
		1999..	1 673 165	7
		1998..	1 898 657	2
		1997..	1 910 155	X
3152251	Men's and boys' work shirts, made from purchased fabrics .....	2002..	450 921	X
		2001..	466 093	13
		2000..	535 921	11
		1999..	572 966	10
		1998..	522 625	1
		1997..	481 142	X
3152254	Men's and boys' workpants (except jeans), work jackets, coveralls, overalls, jumpsuits, and washable service apparel, including hospital patient wear (except disposable), made from purchased fabrics .....	2002..	1 232 344	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
315225W	Men's and boys' cut and sew work clothing manufacturing, nsk, total .....	2002..	58 538	X
		2001..	49 115	23
		2000..	50 937	23
		1999..	57 976	20
		1998..	71 495	1
		1997..	69 396	X
315228	Men's and boys' cut and sew other outerwear manufacturing .....	2002..	1 134 203	X
		2001..	1 286 384	9
		2000..	1 469 233	7
		1999..	1 760 928	7
		1998..	2 101 498	3
		1997..	2 264 032	X
3152282	Men's and boys' nontailored coats, jackets, and vests, including down- and feather-filled (except ski apparel and work jackets), made from purchased fabrics .....	2002..	373 987	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3152284	Men's and boys' shorts (including dress and athletic) and swimwear, made from purchased fabrics .....	2002..	442 714	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3152286	Men's and boys' sweaters, sweatpants, jogging and warm-up suits, playsuits, beachwear (except swimsuits), and ski apparel, made from purchased fabrics .....	2002..	204 897	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
315228W	Men's and boys' cut and sew other outerwear manufacturing, nsk, total .....	2002..	112 605	X
		2001..	208 679	22
		2000..	216 231	21
		1999..	201 978	22
		1998..	331 896	8
		1997..	338 944	X
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing .....	2002..	1 922 377	X
		2001..	3 079 953	4
		2000..	3 417 524	3
		1999..	3 805 030	3
		1998..	3 605 624	4
		1997..	3 858 303	X
3152311	Women's and girls' underwear, except foundation garments, made from purchased fabrics .....	2002..	367 037	X
		2001..	645 217	16
		2000..	621 504	15
		1999..	824 817	13
		1998..	1 020 804	4
		1997..	1 193 903	X
3152313	Women's and girls' nightwear, except robes, made from purchased fabrics .....	2002..	256 728	X
		2001..	423 134	8
		2000..	542 793	6
		1999..	541 295	6
		1998..	591 974	9
		1997..	522 806	X
3152315	Women's and girls' brassieres, bra-lettes, and bandeaux, made from purchased fabrics .....	2002..	1 065 703	X
		2001..	1 277 933	4
		2000..	1 475 918	3
		1999..	1 920 155	1
		1998..	1 354 663	9
		1997..	1 458 432	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3152318	Women's and girls' corsets (except surgical), girdles, and combinations, made from purchased fabrics .....	2002..	56 450	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3152319	Women's and girls' robes and dressing gowns, made from purchased fabrics .....	2002..	66 783	X
		2001..	112 635	26
		2000..	156 311	16
		1999..	151 841	17
		1998..	188 452	5
		1997..	230 611	X
315231W	Women's and girls' cut and sew lingerie, loungewear and nightwear manufacturing, nsk, total .....	2002..	109 676	X
		2001..	253 775	7
		2000..	228 643	8
		1999..	82 754	21
		1998..	126 570	1
		1997..	102 945	X
315232	Women's and girls' cut and sew blouse and shirt manufacturing .....	2002..	3 114 363	X
		2001..	3 976 113	8
		2000..	4 164 941	8
		1999..	4 181 148	6
		1998..	3 950 874	2
		1997..	4 149 397	X
3152321	Women's and girls' knit shirts and blouses (including polo, tank tops, sweat and t-shirts), made from purchased fabrics .....	2002..	1 614 339	X
		2001..	2 351 605	13
		2000..	2 441 140	13
		1999..	2 447 239	10
		1998..	2 343 114	2
		1997..	2 243 507	X
3152323	Women's and girls' woven shirts and blouses, made from purchased fabrics .....	2002..	1 232 060	X
		2001..	1 273 757	7
		2000..	1 561 612	5
		1999..	1 588 423	5
		1998..	1 494 805	3
		1997..	1 826 263	X
315232W	Women's and girls' cut and sew blouse and shirt manufacturing, nsk, total .....	2002..	267 964	X
		2001..	350 751	6
		2000..	162 189	13
		1999..	145 487	13
		1998..	112 955	3
		1997..	79 627	X
315233	Women's and girls' cut and sew dress manufacturing .....	2002..	3 013 378	X
		2001..	3 857 561	8
		2000..	4 479 675	6
		1999..	4 637 159	4
		1998..	4 370 019	1
		1997..	4 607 780	X
3152330	Women's and girls' dresses, made from purchased fabrics .....	2002..	3 013 378	X
		2001..	3 857 561	8
		2000..	4 479 675	6
		1999..	4 637 159	4
		1998..	4 370 019	1
		1997..	4 607 780	X
315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing .....	2002..	1 518 564	X
		2001..	2 116 740	10
		2000..	2 594 585	6
		1999..	2 674 044	5
		1998..	2 949 707	2
		1997..	3 423 450	X
3152342	Women's and girls' tailored coats and capes, including water-repellent (except fur, leather, down- and feather-filled), made from purchased fabrics .....	2002..	234 298	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3152344	Women's and girls' tailored suits and pantsuits, including dress uniforms (firefighter, military, police, etc), made from purchased fabrics .....	2002..	163 838	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3152346	Women's and girls' skirts, made from purchased fabrics .....	2002..	697 051	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3152348	Women's and girls' tailored jackets and vests, except fur and leather, made from purchased fabrics .....	2002..	294 741	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
315234W	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing, nsk, total .....	2002..	128 636	X
		2001..	136 276	4
		2000..	106 621	5
		1999..	139 337	26
		1998..	57 588	21
		1997..	39 453	X
315239	Women's and girls' cut and sew other outerwear manufacturing .....	2002..	4 952 969	X
		2001..	5 871 817	4
		2000..	7 312 045	2
		1999..	7 420 367	2
		1998..	7 581 665	2
		1997..	7 543 529	X
3152392	Women's and girls' sweaters, including sweater vests, made from purchased fabrics .....	2002..	223 452	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3152394	Women's and girls' shorts, including tennis skirts, made from purchased fabrics .....	2002..	551 639	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3152396	Women's and girls' slacks, jeans, and jean-cut casual slacks (except sweatpants), made from purchased fabrics .....	2002..	2 389 556	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3152398	Women's and girls' sweatpants, bodysuits and bodyshirts, jogging and warm-up suits, playsuits, rompers, and beachwear (except swimwear), made from purchased fabrics .....	2002..	208 068	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
315239A	Women's and girls' swimwear, made from purchased fabrics .....	2002..	639 666	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
315239C	Women's and girls' nontailored coats, jackets, and vests (including water-repellent, down- and feather-filled, and ski apparel), made from purchased fabrics .....	2002..	164 841	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
315239E	Women's and girls' washable service apparel (including hospital patient wear (except disposable), coveralls, overalls, and jumpsuits), made from purchased fabrics .....	2002..	413 504	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
315239W	Women's and girls' cut and sew other outerwear manufacturing, nsk, total .....	2002..	362 243	X
		2001..	677 370	9
		2000..	562 789	10
		1999..	589 999	9
		1998..	409 280	1
		1997..	241 223	X
315291	Infants' cut and sew apparel manufacturing .....	2002..	240 606	X
		2001..	503 971	13
		2000..	709 377	10
		1999..	788 432	7
		1998..	804 978	4
		1997..	794 910	X
3152910	Infants' apparel, made from purchased fabrics .....	2002..	240 606	X
		2001..	503 971	13
		2000..	709 377	10
		1999..	788 432	7
		1998..	804 978	4
		1997..	794 910	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
315292	Fur and leather apparel manufacturing .....	2002..	189 893	X
		2001..	273 024	10
		2000..	284 253	10
		1999..	231 645	6
		1998..	212 288	16
		1997..	232 538	X
3152921	Fur garments, accessories, and trimmings (coats, capes, jackets, neck pieces, fur linings, etc.) .....	2002..	42 663	X
		2001..	96 083	9
		2000..	91 867	9
		1999..	74 851	10
		1998..	43 218	67
		1997..	94 647	X
3152925	Leather and sheep-lined clothing .....	2002..	125 556	X
		2001..	120 299	20
		2000..	135 803	18
		1999..	128 857	9
		1998..	125 744	15
		1997..	108 192	X
315292W	Fur and leather apparel manufacturing, nsk, total .....	2002..	21 674	X
		2001..	56 643	12
		2000..	56 584	19
		1999..	27 937	6
		1998..	43 326	1
		1997..	29 699	X
315299	All other cut and sew apparel manufacturing .....	2002..	967 603	X
		2001..	895 576	5
		2000..	905 025	5
		1999..	852 751	4
		1998..	899 499	6
		1997..	863 948	X
3152991	Team sport uniforms, men's and boys' .....	2002..	217 991	X
		2001..	193 398	13
		2000..	181 265	13
		1999..	193 290	8
		1998..	195 550	8
		1997..	206 515	X
3152993	Team sport uniforms, women's and girls' .....	2002..	71 256	X
		2001..	40 575	42
		2000..	44 512	38
		1999..	56 423	11
		1998..	68 286	2
		1997..	72 986	X
3152995	Vestments and costumes .....	2002..	504 835	X
		2001..	453 076	6
		2000..	489 158	6
		1999..	435 224	5
		1998..	459 984	12
		1997..	410 785	X
3152997	Apparel, plastic or rubber (50% or greater), including raincoats and rubber pants (except wet suits) .....	2002..	38 236	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
315299W	All other cut and sew apparel manufacturing, nsk, total .....	2002..	135 285	X
		2001..	208 527	6
		2000..	190 090	9
		1999..	167 814	9
		1998..	175 679	3
		1997..	173 662	X
315991	Hat, cap, and millinery manufacturing .....	2002..	538 383	X
		2001..	770 072	8
		2000..	825 032	5
		1999..	911 702	7
		1998..	1 013 146	5
		1997..	861 088	X
3159912	Hats and caps, fabric, straw, and felt, men's and boys' .....	2002..	166 042	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3159915	Hats and caps (fabric, straw, and felt), women's, girls', and infants' .....	2002..	36 008	X
		2001..	45 904	34
		2000..	71 783	28
		1999..	66 738	23
		1998..	94 942	23
		1997..	102 084	X
3159916	Hat bodies and fabric caps .....	2002..	249 944	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
315991W	Hat, cap, and millinery manufacturing, nsk, total .....	2002..	86 389	X
		2001..	77 112	6
		2000..	60 052	10
		1999..	116 783	42
		1998..	163 461	9
		1997..	163 461	9

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315991W	Hat, cap, and millinery manufacturing, nsk, total—Con.	1997.. 57 786	X
315992	Glove and mitten manufacturing .....	2002.. 157 034 2001.. 234 002 2000.. 230 348 1999.. 268 495 1998.. 467 069 1997.. 456 260	X 7 7 6 3 X
3159921	Gloves and mittens, made from purchased fabrics .....	2002.. 58 979 2001.. 148 496 2000.. 149 149 1999.. 179 411 1998.. 302 261 1997.. 310 970	X 5 5 4 3 X
3159923	Gloves and mittens, leather-and-fabric combinations, made from purchased leather and fabrics .....	2002.. 13 317 2001.. 11 628 2000.. 13 160 1999.. 22 814 1998.. 31 585 1997.. 29 764	X 41 36 20 3 X
3159925	Gloves and mittens, all leather, made from purchased leather .....	2002.. 46 607 2001.. 60 694 2000.. 59 376 1999.. 62 617 1998.. 101 631 1997.. 90 291	X 10 10 9 12 X
315992W	Glove and mitten manufacturing, nsk, total .....	2002.. 38 131 2001.. 13 184 2000.. 8 662 1999.. 3 654 1998.. 31 593 1997.. 25 235	X 88 A A 3 X
315993	Men's and boys' neckwear manufacturing .....	2002.. 344 965 2001.. 320 668 2000.. 348 279 1999.. 442 504 1998.. 559 017 1997.. 539 871	X 9 8 7 4 X
3159930	Men's and boys' neckwear .....	2002.. 344 965 2001.. 320 668 2000.. 348 279 1999.. 442 504 1998.. 559 017 1997.. 539 871	X 9 8 7 4 X
315999	Other apparel accessories and other apparel manufacturing .....	2002.. 1 206 684 2001.. 1 927 612 2000.. 2 043 604 1999.. 2 014 034 1998.. 2 025 338 1997.. 1 979 028	X 5 5 4 3 X
3159991	Neckware (scarfs, dickies, etc.), women's and girls' .....	2002.. 19 494 2001.. 9 449 2000.. 23 208 1999.. 20 646 1998.. 18 992 1997.. 29 856	X A A 60 27 X
3159995	Leather belts .....	2002.. 426 871 2001.. 395 819 2000.. 395 834 1999.. 371 935 1998.. 373 505 1997.. 408 874	X 7 9 4 4 X
3159997	Belts, except leather .....	2002.. 46 108 2001.. 84 516 2000.. 98 623 1999.. 76 753 1998.. 60 270 1997.. 50 941	X 21 19 2 13 X
3159999	Apparel accessories (including aprons, bibs, rainhats, and shower and bathing caps), plastic or rubber (50 percent or greater) .....	2002.. 58 602 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
315999A	Hose supporters, arm bands, suspenders, and handkerchiefs .....	2002.. 43 988 2001.. 46 792 2000.. 53 940 1999.. 51 998 1998.. 55 688 1997.. 53 624	X 2 1 1 1 X
315999D	Apparel accessories, all other types (apparel findings, trimmings, etc.), fabricated .....	2002.. 279 090 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
315999W	Other apparel accessories and other apparel manufacturing, nsk, total .....	2002.. 332 531	X
		2001.. 538 165	4
		2000.. 538 843	5
		1999.. 543 301	4
		1998.. 481 672	6
		1997.. 352 806	X
316110	Leather and hide tanning and finishing .....	2002.. 2 061 392	X
		2001.. 2 996 531	2
		2000.. 3 288 818	2
		1999.. 3 271 433	2
		1998.. 3 409 457	1
		1997.. 3 716 635	X
3161101	Leather, finished and unfinished .....	2002.. 1 879 475	X
		2001.. 2 712 030	3
		2000.. 3 017 601	2
		1999.. 3 040 345	1
		1998.. 3 080 738	1
		1997.. 3 205 197	X
3161104	Contract and commission receipts for tanning or finishing leather owned by others .....	2002.. 89 930	X
		2001.. 132 211	16
		2000.. 128 948	16
		1999.. 135 785	16
		1998.. 156 340	3
		1997.. 131 233	X
3161107	Furs, dressed and dyed or bleached .....	2002.. 11 487	X
		2001.. 4 354	46
		2000.. 3 432	43
		1999.. S	S
		1998.. 20 010	11
		1997.. 19 875	X
316110W	Leather and hide tanning and finishing, nsk, total .....	2002.. 80 500	X
		2001.. 147 936	12
		2000.. 138 837	13
		1999.. 92 467	21
		1998.. 152 370	7
		1997.. 360 330	X
316211	Rubber and plastics footwear manufacturing .....	2002.. 480 428	X
		2001.. 804 551	10
		2000.. 757 399	7
		1999.. 813 038	4
		1998.. 944 330	4
		1997.. 899 620	X
3162111	Rubber and plastics footwear, protective .....	2002.. 120 051	X
		2001.. 115 405	2
		2000.. 125 135	2
		1999.. 167 566	2
		1998.. 175 258	19
		1997.. 265 161	X
3162114	Rubber and plastics shoes (except sandals and slippers), soles vulcanized, molded, or cemented to fabric uppers .....	2002.. 348 657	X
		2001.. 681 975	12
		2000.. 624 598	8
		1999.. 628 147	6
		1998.. 754 468	2
		1997.. 614 260	X
316211W	Rubber and plastics footwear manufacturing, nsk, total .....	2002.. 11 720	X
		2001.. 7 171	91
		2000.. 7 666	85
		1999.. 17 325	12
		1998.. 14 604	1
		1997.. 20 199	X
316212	House slipper manufacturing .....	2002.. 84 618	X
		2001.. 138 709	2
		2000.. 157 816	2
		1999.. 152 679	2
		1998.. 163 160	6
		1997.. 192 446	X
3162120	House slippers and slipper socks .....	2002.. 84 618	X
		2001.. 138 709	2
		2000.. 157 816	2
		1999.. 152 679	2
		1998.. 163 160	6
		1997.. 192 446	X
316213	Men's footwear (except athletic) manufacturing .....	2002.. 956 807	X
		2001.. 1 364 980	10
		2000.. 1 445 693	11
		1999.. 1 415 880	5
		1998.. 1 154 866	12
		1997.. 1 679 921	X
3162130	Men's footwear (size 6 and larger), except athletic .....	2002.. 956 807	X
		2001.. 1 364 980	10
		2000.. 1 445 693	11
		1999.. 1 415 880	5
		1998.. 1 154 866	12
		1997.. 1 679 921	X
316214	Women's footwear (except athletic) manufacturing .....	2002.. 263 398	X
		2001.. 346 898	8
		2000.. 394 977	6
		1999.. 544 864	4
		1998.. 505 825	29
		1997.. 505 825	29

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
316214	Women's footwear (except athletic) manufacturing—Con.	1997.. 744 752	X
3162140	Women's footwear (size 4 and larger), except athletic .....	2002.. 263 398	X
		2001.. 346 898	8
		2000.. 394 977	6
		1999.. 544 864	4
		1998.. 505 825	29
		1997.. 744 752	X
316219	Other footwear manufacturing .....	2002.. 135 233	X
		2001.. 136 515	12
		2000.. 173 013	11
		1999.. 174 807	7
		1998.. 173 949	13
		1997.. 219 630	X
3162190	Other footwear, except rubber .....	2002.. 135 233	X
		2001.. 136 515	12
		2000.. 173 013	11
		1999.. 174 807	7
		1998.. 173 949	13
		1997.. 219 630	X
316991	Luggage manufacturing .....	2002.. 508 453	X
		2001.. 852 586	7
		2000.. 972 288	6
		1999.. 963 566	3
		1998.. 1 100 723	1
		1997.. 1 096 427	X
3169910	Luggage .....	2002.. 508 453	X
		2001.. 852 586	7
		2000.. 972 288	6
		1999.. 963 566	3
		1998.. 1 100 723	1
		1997.. 1 096 427	X
316992	Women's handbag and purse manufacturing .....	2002.. 211 113	X
		2001.. 229 483	11
		2000.. 234 134	4
		1999.. 214 486	5
		1998.. 228 247	11
		1997.. 250 951	X
3169920	Women's and children's handbags and purses .....	2002.. 211 113	X
		2001.. 229 483	11
		2000.. 234 134	4
		1999.. 214 486	5
		1998.. 228 247	11
		1997.. 250 951	X
316993	Personal leather good (except women's handbag and purse) manufacturing .....	2002.. 289 282	X
		2001.. 399 319	3
		2000.. 384 442	3
		1999.. 381 487	3
		1998.. 435 169	1
		1997.. 494 453	X
3169930	All other personal leather goods .....	2002.. 289 282	X
		2001.. 399 319	3
		2000.. 384 442	3
		1999.. 381 487	3
		1998.. 435 169	1
		1997.. 494 453	X
316999	All other leather good manufacturing .....	2002.. 637 209	X
		2001.. 599 523	8
		2000.. 701 617	7
		1999.. 685 363	5
		1998.. 853 245	2
		1997.. 791 121	X
3169991	Boot and shoe cut stock and findings .....	2002.. 78 345	X
		2001.. 52 011	59
		2000.. 56 239	45
		1999.. 98 689	21
		1998.. 163 361	4
		1997.. 165 174	X
3169994	All other miscellaneous leather goods .....	2002.. 478 157	X
		2001.. 425 617	8
		2000.. 516 328	8
		1999.. 540 333	4
		1998.. 628 574	3
		1997.. 574 335	X
316999W	All other leather good manufacturing, nsk, total .....	2002.. 80 707	X
		2001.. 121 894	6
		2000.. 129 050	4
		1999.. 46 342	9
		1998.. 61 310	5
		1997.. 51 612	X
321113	Sawmills .....	2002.. 20 236 097	X
		2001.. 20 985 334	3
		2000.. 22 673 095	2
		1999.. 24 164 179	2
		1998.. 22 278 884	1
		1997.. 23 320 321	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3211131	Lumber, hardwood, made in sawmills.....	2002..	3 783 369	X
		2001..	4 310 571	5
		2000..	4 552 973	5
		1999..	4 151 950	3
		1998..	3 833 933	2
		1997..	3 954 467	X
3211133	Lumber, softwood, made in sawmills .....	2002..	11 128 870	X
		2001..	11 571 325	2
		2000..	12 656 802	2
		1999..	14 120 549	1
		1998..	12 761 446	1
		1997..	14 038 252	X
3211135	Wood chips, except field .....	2002..	1 769 824	X
		2001..	2 864 400	9
		2000..	3 045 101	8
		1999..	3 043 953	9
		1998..	2 707 396	1
		1997..	2 593 967	X
3211137	Wood ties, siding, shingles, shakes and contract sawing of logs owned by others .....	2002..	252 102	X
		2001..	193 718	10
		2000..	226 756	8
		1999..	235 448	8
		1998..	265 357	12
		1997..	239 072	X
321113W	Sawmills, nsk, total.....	2002..	3 301 932	X
		2001..	2 045 319	16
		2000..	2 191 463	15
		1999..	2 612 280	10
		1998..	2 710 751	2
		1997..	2 494 563	X
321114	Wood preservation .....	2002..	4 179 455	X
		2001..	4 102 514	2
		2000..	4 518 547	2
		1999..	4 633 858	2
		1998..	4 335 645	2
		1997..	4 377 047	X
3211141	Wood poles, piles, and posts, owned and treated by the same establishment .....	2002..	920 410	X
		2001..	617 020	8
		2000..	622 635	7
		1999..	640 112	7
		1998..	523 078	4
		1997..	561 544	X
3211145	Other wood products, owned and treated by the same establishment .....	2002..	2 823 627	X
		2001..	3 067 014	3
		2000..	3 470 667	3
		1999..	3 540 567	1
		1998..	3 322 659	2
		1997..	3 339 717	X
3211149	Contract wood preservation .....	2002..	165 571	X
		2001..	151 434	7
		2000..	158 670	7
		1999..	150 717	7
		1998..	122 684	1
		1997..	125 584	X
321114W	Wood preservation, nsk, total .....	2002..	269 847	X
		2001..	267 046	14
		2000..	266 575	14
		1999..	302 462	10
		1998..	367 223	5
		1997..	350 202	X
321211	Hardwood veneer and plywood manufacturing .....	2002..	2 988 408	X
		2001..	2 892 606	3
		2000..	3 153 152	3
		1999..	2 885 847	3
		1998..	2 801 905	2
		1997..	2 741 916	X
3212111	Hardwood veneer, including veneer backed with paper, cloth, or other flexible material.....	2002..	1 121 230	X
		2001..	1 223 205	5
		2000..	1 327 234	4
		1999..	1 169 594	3
		1998..	991 422	1
		1997..	967 784	X
3212113	Hardwood plywood, except prefinished made from purchased .....	2002..	1 049 725	X
		2001..	1 082 697	5
		2000..	1 212 037	4
		1999..	1 183 712	4
		1998..	1 185 868	1
		1997..	1 178 478	X
3212115	Hardwood plywood, prefinished, made from purchased .....	2002..	131 971	X
		2001..	182 109	23
		2000..	190 299	23
		1999..	161 999	27
		1998..	153 953	1
		1997..	153 347	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3212117	Hardwood plywood-type products .....	2002..	476 011	X
		2001..	280 472	10
		2000..	298 497	7
		1999..	285 598	6
		1998..	207 347	5
		1997..	215 480	X
321211W	Hardwood veneer and plywood manufacturing, nsk, total .....	2002..	209 471	X
		2001..	124 122	23
		2000..	125 085	25
		1999..	84 944	30
		1998..	263 315	16
		1997..	226 827	X
321212	Softwood veneer and plywood manufacturing .....	2002..	4 491 503	X
		2001..	4 425 400	1
		2000..	5 017 029	1
		1999..	5 563 952	1
		1998..	5 150 758	1
		1997..	5 023 144	X
3212121	Softwood veneer, including veneer backed with paper, cloth, or other flexible material .....	2002..	867 204	X
		2001..	795 316	6
		2000..	829 051	7
		1999..	877 091	7
		1998..	762 689	3
		1997..	754 456	X
3212123	Softwood plywood, rough, including touch sanded, interior and exterior .....	2002..	2 308 338	X
		2001..	2 534 231	1
		2000..	2 991 046	1
		1999..	3 352 824	1
		1998..	3 030 839	1
		1997..	2 957 731	X
3212125	Softwood plywood, sanded, interior and exterior .....	2002..	647 967	X
		2001..	641 643	2
		2000..	693 323	2
		1999..	816 913	2
		1998..	793 524	1
		1997..	805 030	X
3212128	Softwood plywood specialties .....	2002..	624 683	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
321212W	Softwood veneer and plywood manufacturing, nsk, total .....	2002..	43 311	X
		2001..	33 735	8
		2000..	33 539	7
		1999..	42 909	6
		1998..	74 205	1
		1997..	57 302	X
321213	Engineered wood member (except truss) manufacturing .....	2002..	2 051 486	X
		2001..	1 835 289	7
		2000..	1 722 154	4
		1999..	1 737 922	3
		1998..	1 501 542	1
		1997..	1 326 062	X
3212130	Engineered wood members, except trusses .....	2002..	2 051 486	X
		2001..	1 835 289	7
		2000..	1 722 154	4
		1999..	1 737 922	3
		1998..	1 501 542	X
		1997..	1 326 062	X
321214	Truss manufacturing .....	2002..	4 218 869	X
		2001..	4 215 814	3
		2000..	4 372 187	3
		1999..	4 324 752	3
		1998..	3 953 623	3
		1997..	3 487 428	X
3212140	Wood trusses .....	2002..	4 218 869	X
		2001..	4 215 814	3
		2000..	4 372 187	3
		1999..	4 324 752	3
		1998..	3 953 623	3
		1997..	3 487 428	X
321219	Reconstituted wood product manufacturing .....	2002..	5 670 063	X
		2001..	5 216 927	2
		2000..	6 078 370	1
		1999..	6 371 739	1
		1998..	5 662 173	1
		1997..	5 159 801	X
3212191	Particleboard, made from particleboard produced at the same establishment .....	2002..	1 203 134	X
		2001..	1 097 755	7
		2000..	1 374 181	2
		1999..	1 333 823	1
		1998..	1 264 631	1
		1997..	1 270 675	X
3212192	Waferboard and oriented strandboard .....	2002..	1 933 582	X
		2001..	1 860 538	3
		2000..	2 216 697	3
		1999..	2 456 683	3
		1998..	1 770 165	1

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3212192	Waferboard and oriented strandboard—Con.	1997.. 1 249 636	X
3212193	Medium density fiberboard (MDF), made from MDF produced at the same establishment .....	2002.. 657 842 2001.. 481 207 2000.. 530 444 1999.. 515 814 1998.. 444 488 1997.. 454 350	X 2 2 2 1 X
3212194	Hardboard, made from hardboard produced at the same establishment .....	2002.. 475 013 2001.. 738 912 2000.. 812 569 1999.. 883 247 1998.. 915 434 1997.. 945 403	X 1 1 1 1 X
3212195	Cellulosic fiberboard (insulating board) .....	2002.. 117 793 2001.. 129 671 2000.. 131 423 1999.. 138 396 1998.. 140 108 1997.. 140 535	X 2 1 1 1 X
3212197	Hardboard, made from purchased hardboard .....	2002.. 319 961 2001.. 169 692 2000.. 206 369 1999.. 208 387 1998.. 216 093 1997.. 207 125	X 11 11 13 3 X
3212198	Particleboard and medium density fiberboard (MDF), prefinished, made from purchased particleboard and MDF .....	2002.. 753 549 2001.. 601 201 2000.. 667 052 1999.. 697 760 1998.. 669 127 1997.. 678 788	X 7 6 6 1 X
321219W	Reconstituted wood product manufacturing, nsk, total .....	2002.. 209 189 2001.. 137 951 2000.. 139 635 1999.. 137 629 1998.. 242 127 1997.. 213 289	X 13 13 13 2 X
321911	Wood window and door manufacturing .....	2002.. 10 071 135 2001.. 10 136 717 2000.. 10 067 686 1999.. 9 291 229 1998.. 8 615 031 1997.. 8 012 652	X 4 4 3 1 X
3219111	Wood window units .....	2002.. 2 998 536 2001.. 3 357 149 2000.. 3 410 242 1999.. 3 236 102 1998.. 2 802 693 1997.. 2 568 504	X 5 4 4 1 X
3219113	Wood sash, except sash shipped in window units .....	2002.. 81 040 2001.. 308 328 2000.. 320 225 1999.. 142 156 1998.. 137 875 1997.. 137 073	X 70 63 2 2 X
3219115	Wood frames, window (except window frames shipped in window units) and door (including door frames shipped in door units) .....	2002.. 532 855 2001.. 474 853 2000.. 536 100 1999.. 562 120 1998.. 466 218 1997.. 462 800	X 6 7 6 2 X
3219117	Wood doors (including panel, flush, and molded face), interior and exterior, including doors with glazed sections .....	2002.. 3 334 572 2001.. 2 845 169 2000.. 2 746 198 1999.. 2 475 889 1998.. 2 180 674 1997.. 2 044 489	X 6 5 4 4 X
3219119	Wood doors, other types (including garage, patio, bifold, cabinet, screen, storm, and louver) .....	2002.. 1 608 848 2001.. 2 080 049 2000.. 1 978 524 1999.. 1 706 118 1998.. 1 410 297 1997.. 1 339 481	X 3 4 4 5 X
321911W	Wood window and door manufacturing, nsk, total .....	2002.. 1 515 284 2001.. 1 071 168 2000.. 1 076 397 1999.. 1 168 844 1998.. 1 617 275 1997.. 1 460 305	X 25 27 19 1 X
321912	Cut stock, resawing lumber, and planing .....	2002.. 5 380 075 2001.. 5 434 187 2000.. 6 005 809 1999.. 6 183 919 1998.. 5 589 811 1997.. 5 572 374	X 4 4 4 2 X

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3219121	Lumber, hardwood, made from purchased lumber .....	2002..	1 084 139	X
		2001..	1 117 095	4
		2000..	1 182 095	5
		1999..	1 158 434	5
		1998..	884 965	2
		1997..	884 650	X
3219123	Lumber, softwood, made from purchased lumber .....	2002..	1 723 623	X
		2001..	1 009 855	8
		2000..	1 392 770	5
		1999..	1 653 315	4
		1998..	1 555 801	5
		1997..	1 738 525	X
3219126	Cut stock and dimension, hardwood .....	2002..	966 281	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3219128	Cut stock and dimension, softwood .....	2002..	641 738	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3219129	Sawn wood fence stock, wood lath, and contract resawing and planing .....	2002..	112 082	X
		2001..	137 310	9
		2000..	159 605	11
		1999..	147 296	8
		1998..	147 812	4
		1997..	135 572	X
321912W	Cut stock, resawn lumber, and planing, nsk, total .....	2002..	852 212	X
		2001..	639 839	7
		2000..	668 335	7
		1999..	653 600	7
		1998..	736 698	1
		1997..	610 044	X
321918	Other millwork (including flooring) .....	2002..	5 688 730	X
		2001..	4 754 327	3
		2000..	4 814 625	3
		1999..	4 740 653	2
		1998..	4 456 740	1
		1997..	4 273 985	X
3219181	Wood moldings, except prefinished made from purchased moldings, including covered (metal, plastics, etc.) .....	2002..	2 021 818	X
		2001..	1 325 706	6
		2000..	1 471 524	6
		1999..	1 512 477	5
		1998..	1 425 477	3
		1997..	1 504 625	X
3219183	Wood moldings, prefinished made from purchased moldings, including covered with metal and plastics .....	2002..	93 436	X
		2001..	77 270	16
		2000..	82 437	20
		1999..	74 765	7
		1998..	56 502	4
		1997..	64 823	X
3219185	Other wood millwork products, including stairwork, exterior millwork, and softwood flooring .....	2002..	1 534 377	X
		2001..	1 380 612	7
		2000..	1 386 167	5
		1999..	1 316 329	4
		1998..	1 134 079	2
		1997..	1 157 870	X
3219187	Flooring, hardwood .....	2002..	1 579 068	X
		2001..	1 406 655	7
		2000..	1 396 386	5
		1999..	1 318 074	4
		1998..	1 357 949	1
		1997..	1 215 573	X
321918W	Other millwork (including flooring), nsk, total .....	2002..	460 031	X
		2001..	564 084	7
		2000..	478 111	7
		1999..	519 008	6
		1998..	482 734	1
		1997..	331 094	X
321920	Wood container and pallet manufacturing .....	2002..	4 808 511	X
		2001..	4 525 782	3
		2000..	4 857 587	3
		1999..	4 679 748	2
		1998..	4 536 458	1
		1997..	4 309 881	X
3219201	Wood boxes, nailed and lock-corner .....	2002..	329 856	X
		2001..	250 662	10
		2000..	280 385	10
		1999..	258 490	9
		1998..	214 860	8
		1997..	195 944	X

See footnotes at end of table.



**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3219203	Wood box and crate shook .....	2002..	146 153	X
		2001..	126 277	20
		2000..	164 316	20
		1999..	175 246	15
		1998..	166 080	3
		1997..	173 159	X
3219205	Wood pallets and pallet containers, wood and metal combination .....	2002..	3 034 275	X
		2001..	2 880 071	3
		2000..	3 205 765	3
		1999..	3 154 094	3
		1998..	3 028 909	1
		1997..	3 092 738	X
3219207	Wood containers and parts, other types .....	2002..	613 272	X
		2001..	650 506	6
		2000..	654 224	6
		1999..	596 629	5
		1998..	538 283	3
		1997..	546 122	X
321920W	Wood container and pallet manufacturing, nsk, total .....	2002..	684 955	X
		2001..	618 266	7
		2000..	552 896	7
		1999..	495 289	6
		1998..	588 326	1
		1997..	301 918	X
321991	Manufactured home (mobile home) manufacturing .....	2002..	6 632 008	X
		2001..	7 225 638	3
		2000..	8 502 416	2
		1999..	10 880 432	1
		1998..	11 017 616	1
		1997..	10 064 087	X
3219911	Manufactured homes (mobile homes) .....	2002..	6 122 376	X
		2001..	6 625 414	2
		2000..	8 004 534	2
		1999..	10 309 357	1
		1998..	10 546 035	1
		1997..	9 651 119	X
3219915	Mobile buildings, nonresidential .....	2002..	348 551	X
		2001..	486 025	27
		2000..	395 928	22
		1999..	351 792	11
		1998..	371 339	2
		1997..	349 800	X
321991W	Manufactured home (mobile home) manufacturing, nsk, total .....	2002..	161 081	X
		2001..	114 199	2
		2000..	101 954	3
		1999..	219 283	4
		1998..	100 243	21
		1997..	63 168	X
321992	Prefabricated wood building manufacturing .....	2002..	3 578 308	X
		2001..	3 339 710	6
		2000..	3 357 876	4
		1999..	3 460 560	5
		1998..	3 084 487	2
		1997..	2 858 640	X
3219921	Prefabricated stationary wood buildings, components (not sold as complete units) .....	2002..	423 675	X
		2001..	265 020	11
		2000..	262 529	10
		1999..	260 015	8
		1998..	246 050	4
		1997..	230 146	X
3219923	Prefabricated stationary wood buildings, precut packages (complete units) .....	2002..	668 504	X
		2001..	532 005	8
		2000..	612 839	7
		1999..	647 073	5
		1998..	671 935	5
		1997..	596 241	X
3219925	Prefabricated stationary wood buildings, shipped in panel form (complete units) .....	2002..	724 428	X
		2001..	597 747	3
		2000..	561 947	3
		1999..	558 570	3
		1998..	517 902	5
		1997..	442 965	X
3219927	Prefabricated stationary wood buildings, shipped in three-dimensional assemblies .....	2002..	1 293 760	X
		2001..	1 560 337	13
		2000..	1 525 154	6
		1999..	1 522 269	11
		1998..	1 219 981	4
		1997..	1 178 019	X
321992W	Prefabricated wood building manufacturing, nsk, total .....	2002..	467 941	X
		2001..	384 600	13
		2000..	395 406	11
		1999..	472 633	7
		1998..	428 619	8
		1997..	411 269	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
321999	All other miscellaneous wood product manufacturing .....	2002.. 4 165 054	X
		2001.. 3 977 898	3
		2000.. 4 315 393	3
		1999.. 4 185 211	3
		1998.. 4 063 284	2
		1997.. 3 844 485	X
321990	All other miscellaneous wood product manufacturing .....	2002.. 4 165 054	X
		2001.. 3 977 898	3
		2000.. 4 315 393	3
		1999.. 4 185 211	3
		1998.. 4 063 284	2
		1997.. 3 844 485	X
322110	Pulp mills .....	2002.. 5 245 723	X
		2001.. 5 833 032	1
		2000.. 7 013 794	2
		1999.. 5 857 414	1
		1998.. 5 717 274	1
		1997.. 6 371 092	X
3221101	Woodpulp, special alpha and dissolving (sulfite and sulfate for chemical conversion, papermaking, and other uses) .....	2002.. 895 538	X
		2001.. 663 146	1
		2000.. 773 800	1
		1999.. 733 047	2
		1998.. 770 967	1
		1997.. 842 210	X
3221103	Woodpulp, sulfate, including soda .....	2002.. 3 693 501	X
		2001.. 4 344 121	1
		2000.. 5 276 092	1
		1999.. 4 334 414	1
		1998.. 4 131 803	2
		1997.. 4 638 302	X
3221105	Woodpulp, sulfite and other types .....	2002.. 169 371	X
		2001.. 59 898	1
		2000.. 183 261	1
		1999.. 168 182	1
		1998.. 199 821	1
		1997.. 251 393	X
3221107	Pulp, all other types (except wood) and pulp mill byproducts .....	2002.. 484 116	X
		2001.. 758 586	11
		2000.. 780 642	14
		1999.. 620 972	4
		1998.. 614 683	1
		1997.. 639 187	X
322110W	Pulp mills, nsk, total .....	2002.. 3 197	X
		2001.. 7 282	1
		2000.. -	X
		1999.. 800	1
		1998.. -	X
		1997.. -	X
322121	Paper (except newsprint) mills .....	2002.. 40 651 847	X
		2001.. 40 173 236	1
		2000.. 43 494 864	1
		1999.. 40 825 779	1
		1998.. 39 759 012	1
		1997.. 39 984 666	X
3221211	Paper, printing and converting, clay-coated .....	2002.. 7 693 273	X
		2001.. 7 709 970	1
		2000.. 9 001 890	1
		1999.. 8 629 499	1
		1998.. 8 613 568	1
		1997.. 8 452 880	X
3221213	Paper, uncoated, freesheet (containing 10 percent mechanical fiber or less) .....	2002.. 10 095 840	X
		2001.. 10 865 075	2
		2000.. 12 101 158	1
		1999.. 11 520 881	1
		1998.. 11 851 856	1
		1997.. 11 633 314	X
3221215	Bristols (weight greater than 150g per square meter), bleached, except cotton fiber index and bogus .....	2002.. 1 186 783	X
		2001.. 1 161 024	1
		2000.. 1 258 742	1
		1999.. 1 252 848	1
		1998.. 1 272 617	1
		1997.. 1 230 728	X
3221217	Paper, cotton fiber (containing 25 percent or more cotton or similar fibers) and thin .....	2002.. 533 844	X
		2001.. 619 662	7
		2000.. 694 373	10
		1999.. 749 752	7
		1998.. 713 263	3
		1997.. 762 448	X
3221219	Paper, unbleached, kraft (greater than or equal to 80 percent), packaging and industrial converting type .....	2002.. 954 175	X
		2001.. 1 044 644	2
		2000.. 1 246 194	2
		1999.. 1 242 635	1
		1998.. 1 234 309	1
		1997.. 1 292 969	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
322121A	Paper, packaging and industrial converting type, except unbleached kraft .....	2002..	876 648	X
		2001..	1 043 614	5
		2000..	1 099 108	2
		1999..	1 070 342	1
		1998..	878 700	24
		1997..	1 098 365	X
322121C	Paper, industrial, special type (absorbent, battery separator, electrical, etc.), except specialty packaging .....	2002..	1 692 695	X
		2001..	1 356 218	4
		2000..	1 573 197	2
		1999..	1 552 589	2
		1998..	1 750 022	2
		1997..	1 843 513	X
322121E	Paper, construction .....	2002..	D	X
		2001..	141 059	15
		2000..	145 906	10
		1999..	171 167	9
		1998..	191 565	1
		1997..	189 538	X
322121G	Paper, tissue and other machine-creped types .....	2002..	2 036 448	X
		2001..	1 532 285	2
		2000..	2 122 772	1
		1999..	2 222 686	1
		1998..	1 937 254	8
		1997..	2 364 687	X
322121K	Paper, disposable diapers and similar products, made in paper mills .....	2002..	D	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
322121N	Paper, sanitary tissue products, made in paper mills .....	2002..	12 560 475	X
		2001..	11 138 243	1
		2000..	10 481 098	1
		1999..	9 968 931	1
		1998..	9 568 185	1
		1997..	9 293 076	X
322121W	Paper (except newsprint) mills, nsk, total .....	2002..	31 293	X
		2001..	9 017	A
		2000..	8 889	A
		1999..	1 719	A
		1998..	60 619	25
		1997..	47 078	X
322122	Newsprint mills .....	2002..	3 419 229	X
		2001..	4 364 678	2
		2000..	4 705 943	1
		1999..	4 548 619	1
		1998..	5 418 871	2
		1997..	5 045 995	X
3221221	Newsprint .....	2002..	2 533 179	X
		2001..	3 209 352	2
		2000..	3 495 053	2
		1999..	3 316 492	2
		1998..	4 146 704	2
		1997..	3 712 495	X
3221223	Groundwood paper (containing more than 10 percent mechanical fiber), uncoated, made from pulp .....	2002..	883 787	X
		2001..	1 155 326	1
		2000..	1 210 890	1
		1999..	1 225 737	1
		1998..	1 272 166	1
		1997..	1 333 500	X
322122W	Newsprint mills, nsk, total .....	2002..	2 263	X
		2001..	-	X
		2000..	-	X
		1999..	6 390	1
		1998..	1	1
		1997..	-	X
322130	Paperboard mills .....	2002..	19 762 669	X
		2001..	20 344 877	1
		2000..	21 540 161	1
		1999..	19 813 615	1
		1998..	19 741 766	1
		1997..	18 681 404	X
3221301	Unbleached kraft packaging and industrial converting paperboard (80 percent or more virgin woodpulp) .....	2002..	8 075 890	X
		2001..	8 564 456	1
		2000..	9 175 908	1
		1999..	8 304 927	1
		1998..	8 041 511	1
		1997..	7 443 912	X
3221303	Bleached packaging and industrial converting paperboard (80 percent or more virgin bleached woodpulp) .....	2002..	4 234 184	X
		2001..	3 867 473	1
		2000..	3 926 180	1
		1999..	3 663 676	1
		1998..	3 773 630	1
		1997..	3 971 630	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3221305	Semichemical paperboard, including corrugating medium (75 percent or more virgin woodpulp) .....	2002..	1 049 286	X
		2001..	1 131 070	1
		2000..	1 290 318	1
		1999..	1 025 297	1
		1998..	908 885	1
1997..	815 423	X		
3221307	Recycled paperboard .....	2002..	6 362 711	X
		2001..	6 662 355	2
		2000..	7 064 426	1
		1999..	6 740 947	1
		1998..	6 945 512	1
1997..	6 362 406	X		
3221309	Wet machine board, including binders' board and shoe board .....	2002..	28 486	X
		2001..	106 784	45
		2000..	73 742	10
		1999..	62 826	13
		1998..	70 215	8
1997..	86 373	X		
322130W	Paperboard mills, nsk, total .....	2002..	12 112	X
		2001..	12 739	3
		2000..	9 587	1
		1999..	15 943	20
		1998..	2 013	1
1997..	1 660	X		
322211	Corrugated and solid fiber box manufacturing .....	2002..	27 900 717	X
		2001..	30 071 625	2
		2000..	31 491 641	2
		1999..	27 871 608	1
		1998..	26 580 096	1
1997..	24 075 306	X		
3222110	Corrugated and solid fiber boxes, including pallets .....	2002..	27 900 717	X
		2001..	30 071 625	2
		2000..	31 491 641	2
		1999..	27 871 608	1
		1998..	26 580 096	1
1997..	24 075 306	X		
322212	Folding paperboard box manufacturing .....	2002..	8 204 074	X
		2001..	8 433 036	2
		2000..	8 741 304	2
		1999..	8 408 289	2
		1998..	8 853 605	1
1997..	8 564 381	X		
3222120	Folding paperboard boxes, packaging, and packaging components .....	2002..	8 204 074	X
		2001..	8 433 036	2
		2000..	8 741 304	2
		1999..	8 408 289	2
		1998..	8 853 605	1
1997..	8 564 381	X		
322213	Setup paperboard box manufacturing .....	2002..	746 051	X
		2001..	544 159	20
		2000..	588 104	17
		1999..	558 789	16
		1998..	644 009	5
1997..	635 310	X		
3222130	Setup (rigid) paperboard boxes .....	2002..	746 051	X
		2001..	544 159	20
		2000..	588 104	17
		1999..	558 789	16
		1998..	644 009	5
1997..	635 310	X		
322214	Fiber can, tube, drum, and similar products manufacturing .....	2002..	1 947 307	X
		2001..	2 157 326	6
		2000..	2 325 518	4
		1999..	2 276 125	4
		1998..	2 226 868	2
1997..	2 144 548	X		
3222141	Paperboard fiber drums with ends of any material .....	2002..	352 992	X
		2001..	347 222	8
		2000..	390 805	7
		1999..	389 044	6
		1998..	371 753	1
1997..	374 327	X		
3222143	Fiber cans, tubes, and similar fiber products .....	2002..	1 529 199	X
		2001..	1 767 458	6
		2000..	1 892 506	5
		1999..	1 821 747	4
		1998..	1 729 329	2
1997..	1 657 352	X		
322214W	Fiber can, tube, drum, and similar products manufacturing, nsk, total .....	2002..	65 116	X
		2001..	42 646	90
		2000..	42 207	91
		1999..	65 334	59
		1998..	125 786	1
1997..	112 869	X		
322215	Nonfolding sanitary food container manufacturing .....	2002..	2 973 261	X
		2001..	2 944 561	1
		2000..	2 901 031	1
		1999..	2 892 722	2
		1998..	2 874 710	6

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Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
322215	Nonfolding sanitary food container manufacturing—Con.	1997..	2 482 816	X
3222151	Milk and milk-type paperboard cartons, including juice, beverage, and other products .....	2002..	735 001	X
		2001..	750 539	1
		2000..	841 656	1
		1999..	901 853	1
		1998..	700 310	1
		1997..	672 333	X
3222153	Cups and liquid-tight paper and paperboard containers .....	2002..	1 428 315	X
		2001..	1 409 201	1
		2000..	1 337 430	1
		1999..	1 245 233	3
		1998..	1 364 255	11
		1997..	1 132 893	X
3222155	Other sanitary paper and paperboard food containers, boards, and trays, except folding .....	2002..	754 327	X
		2001..	765 424	4
		2000..	704 090	4
		1999..	727 389	4
		1998..	790 417	7
		1997..	651 125	X
322215W	Nonfolding sanitary food container manufacturing, nsk, total .....	2002..	55 618	X
		2001..	19 397	5
		2000..	17 855	6
		1999..	18 247	6
		1998..	19 729	1
		1997..	26 465	X
322221	Coated and laminated packaging paper and plastics film manufacturing .....	2002..	1 314 690	X
		2001..	1 487 433	7
		2000..	1 504 372	5
		1999..	1 484 291	6
		1998..	1 473 327	5
		1997..	1 473 582	X
3222211	Single-web paper, rolls and sheets, including waxed, for flexible packaging uses .....	2002..	776 580	X
		2001..	884 187	5
		2000..	970 902	4
		1999..	950 003	4
		1998..	998 563	5
		1997..	981 949	X
3222213	Multiweb laminated rolls and sheets, except foil, for flexible packaging uses .....	2002..	426 192	X
		2001..	539 120	17
		2000..	485 869	13
		1999..	506 115	15
		1998..	418 231	10
		1997..	461 466	X
322221W	Coated and laminated packaging paper and plastics film manufacturing, nsk, total .....	2002..	111 918	X
		2001..	64 126	7
		2000..	47 601	9
		1999..	28 173	18
		1998..	56 533	39
		1997..	30 167	X
322222	Coated and laminated paper manufacturing .....	2002..	10 912 465	X
		2001..	10 677 459	4
		2000..	11 085 155	1
		1999..	11 186 281	1
		1998..	11 124 532	1
		1997..	11 192 036	X
3222221	Printing paper, coated at establishments other than where paper was produced .....	2002..	463 450	X
		2001..	472 027	8
		2000..	486 839	8
		1999..	518 116	8
		1998..	503 844	1
		1997..	498 250	X
3222223	Gummed products .....	2002..	275 735	X
		2001..	177 074	2
		2000..	230 557	16
		1999..	235 622	2
		1998..	246 722	2
		1997..	249 377	X
3222225	Pressure-sensitive products .....	2002..	6 780 297	X
		2001..	6 830 943	1
		2000..	7 229 090	1
		1999..	7 170 863	1
		1998..	6 999 819	1
		1997..	7 118 564	X
3222226	Wallcoverings .....	2002..	342 359	X
		2001..	340 168	12
		2000..	399 778	11
		1999..	409 177	8
		1998..	460 192	1
		1997..	456 830	X
322222A	Gift wrap paper .....	2002..	419 359	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N

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Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
322222A	Gift wrap paper—Con.	1997..	N	X
3222228	Converted foil for nonpackaging applications .....	2002..	555 090	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3222229	Other coated and processed papers, except for packaging uses .....	2002..	1 593 257	X
		2001..	2 096 280	17
		2000..	1 938 900	4
		1999..	2 113 211	4
		1998..	2 058 317	1
		1997..	2 025 694	X
322222W	Coated and laminated paper manufacturing, nsk, total .....	2002..	482 918	X
		2001..	384 931	14
		2000..	391 814	14
		1999..	340 875	16
		1998..	430 319	9
		1997..	431 312	X
322223	Plastics, foil, and coated paper bag manufacturing .....	2002..	610 501	X
		2001..	483 004	9
		2000..	499 399	9
		1999..	545 294	8
		1998..	525 713	3
		1997..	561 838	X
3222231	Specialty bags, pouches, and liners, coated and single-web paper .....	2002..	164 361	X
		2001..	176 192	5
		2000..	171 283	4
		1999..	167 590	4
		1998..	144 636	5
		1997..	143 081	X
3222233	Specialty bags, pouches, and liners, multiweb laminations and foil, except film-film .....	2002..	426 318	X
		2001..	292 534	15
		2000..	312 563	14
		1999..	358 555	12
		1998..	352 423	3
		1997..	399 077	X
322223W	Plastics, foil, and coated paper bag manufacturing, nsk, total .....	2002..	19 822	X
		2001..	14 277	3
		2000..	15 553	4
		1999..	19 150	3
		1998..	28 654	1
		1997..	19 680	X
322224	Uncoated paper and multiwall bag manufacturing .....	2002..	2 097 491	X
		2001..	2 654 806	2
		2000..	2 781 883	2
		1999..	2 672 883	2
		1998..	2 685 124	1
		1997..	2 594 761	X
3222241	Uncoated single-web paper grocers' bags and sacks and variety and shopping bags .....	2002..	790 978	X
		2001..	1 089 611	4
		2000..	1 132 803	5
		1999..	1 077 165	4
		1998..	1 118 104	2
		1997..	1 010 846	X
3222243	Shipping sacks and multiwall bags, all materials, except textiles .....	2002..	1 274 327	X
		2001..	1 518 805	2
		2000..	1 609 499	2
		1999..	1 548 702	1
		1998..	1 515 579	1
		1997..	1 538 505	X
322224W	Uncoated paper and multiwall bag manufacturing, nsk, total .....	2002..	32 186	X
		2001..	46 390	24
		2000..	39 582	28
		1999..	47 016	24
		1998..	51 441	1
		1997..	45 410	X
322225	Laminated aluminum foil manufacturing for flexible packaging uses .....	2002..	1 459 949	X
		2001..	1 295 866	2
		2000..	1 362 570	2
		1999..	1 336 686	2
		1998..	1 499 249	3
		1997..	1 411 708	X
3222250	Laminated aluminum foil rolls and sheets for flexible packaging uses (converting and printing or converting only) .....	2002..	1 459 949	X
		2001..	1 295 866	2
		2000..	1 362 570	2
		1999..	1 336 686	2
		1998..	1 499 249	3
		1997..	1 411 708	X
322226	Surface-coated paperboard manufacturing .....	2002..	873 155	X
		2001..	819 813	4
		2000..	916 769	5
		1999..	951 120	3
		1998..	1 081 850	1
		1997..	1 138 806	X

See footnotes at end of table.

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3222260	Pasted, lined, laminated, or surface-coated paperboard .....	2002..	873 155	X
		2001..	819 813	4
		2000..	916 769	5
		1999..	951 120	3
		1998..	1 081 850	1
		1997..	1 138 806	X
322231	Die-cut paper and paperboard office supplies manufacturing .....	2002..	2 696 707	X
		2001..	2 595 040	4
		2000..	2 534 599	4
		1999..	2 157 308	4
		1998..	2 352 534	3
		1997..	2 287 708	X
3222311	Die-cut paper and paperboard office supplies .....	2002..	1 228 115	X
		2001..	1 424 531	3
		2000..	1 419 195	4
		1999..	1 343 936	4
		1998..	1 306 671	6
		1997..	1 192 411	X
3222313	Paper supplies for business machines and other miscellaneous unprinted paper office supplies .....	2002..	1 183 692	X
		2001..	1 111 153	9
		2000..	1 064 055	8
		1999..	743 340	8
		1998..	778 352	1
		1997..	853 149	X
322231W	Die-cut paper and paperboard office supplies manufacturing, nsk, total .....	2002..	284 900	X
		2001..	59 355	68
		2000..	51 349	78
		1999..	70 032	57
		1998..	267 511	5
		1997..	242 148	X
322232	Envelope manufacturing .....	2002..	3 161 180	X
		2001..	3 491 364	2
		2000..	3 592 638	2
		1999..	3 441 462	2
		1998..	3 349 278	1
		1997..	3 478 408	X
3222320	Envelopes, commercial, all types and materials .....	2002..	3 161 180	X
		2001..	3 491 364	2
		2000..	3 592 638	2
		1999..	3 441 462	2
		1998..	3 349 278	1
		1997..	3 478 408	X
322233	Stationery, tablet, and related product manufacturing .....	2002..	1 521 514	X
		2001..	1 354 799	2
		2000..	1 414 017	2
		1999..	1 647 874	1
		1998..	1 631 832	3
		1997..	1 507 044	X
3222331	Stationery .....	2002..	359 300	X
		2001..	179 661	10
		2000..	243 197	6
		1999..	259 033	4
		1998..	256 539	1
		1997..	214 646	X
3222333	Tablets, pads, and related products .....	2002..	1 030 707	X
		2001..	1 146 382	2
		2000..	1 139 687	1
		1999..	1 342 693	1
		1998..	1 300 106	4
		1997..	1 226 382	X
322233W	Stationery, tablet, and related product manufacturing, nsk, total .....	2002..	131 507	X
		2001..	28 755	23
		2000..	31 133	22
		1999..	46 148	13
		1998..	75 186	10
		1997..	66 016	X
322291	Sanitary paper product manufacturing .....	2002..	8 831 656	X
		2001..	6 608 785	2
		2000..	6 746 687	2
		1999..	8 463 002	1
		1998..	7 972 958	1
		1997..	7 478 370	X
3222912	Disposable diapers and similar disposable products, made from purchased sanitary paper stock or wadding .....	2002..	4 843 482	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3222915	Sanitary tissue paper products, made from purchased sanitary paper stock or wadding .....	2002..	3 850 388	X
		2001..	1 688 657	5
		2000..	1 585 732	5
		1999..	1 763 336	1
		1998..	1 791 855	2
		1997..	1 648 240	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
322291W	Sanitary paper product manufacturing, nsk, total .....	2002..	137 786	X
		2001..	117 121	28
		2000..	97 767	33
		1999..	74 307	44
		1998..	108 574	6
		1997..	115 542	X
322299	All other converted paper product manufacturing .....	2002..	4 224 657	X
		2001..	3 831 744	4
		2000..	4 099 159	4
		1999..	4 220 730	4
		1998..	3 678 412	5
		1997..	3 564 365	X
3222991	Molded pulp goods, including egg cartons, florist pots, food trays, etc. ....	2002..	390 854	X
		2001..	435 078	9
		2000..	481 415	7
		1999..	519 920	9
		1998..	479 357	2
		1997..	466 042	X
3222993	Miscellaneous converted paper and paperboard products .....	2002..	3 349 705	X
		2001..	3 057 687	4
		2000..	3 331 072	4
		1999..	3 447 079	4
		1998..	2 845 159	6
		1997..	2 647 945	X
322299W	All other converted paper product manufacturing, nsk, total .....	2002..	484 098	X
		2001..	338 979	25
		2000..	286 672	30
		1999..	253 731	33
		1998..	353 896	14
		1997..	450 378	X
323110	Commercial lithographic printing .....	2002..	46 515 845	X
		2001..	51 626 681	2
		2000..	53 146 074	2
		1999..	51 054 144	2
		1998..	49 341 795	1
		1997..	47 430 013	X
3231101	Magazine and periodical printing (lithographic), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts) .....	2002..	6 389 734	X
		2001..	5 693 262	4
		2000..	5 777 100	3
		1999..	5 494 870	2
		1998..	5 599 897	1
		1997..	5 232 685	X
3231103	Label and wrapper printing (lithographic) .....	2002..	2 138 806	X
		2001..	1 826 764	5
		2000..	1 972 363	5
		1999..	1 819 415	4
		1998..	1 742 142	3
		1997..	1 940 329	X
3231105	Catalog and directory printing (lithographic) .....	2002..	4 455 550	X
		2001..	5 459 379	3
		2000..	5 661 746	2
		1999..	5 250 837	2
		1998..	5 431 122	2
		1997..	5 063 520	X
3231107	Financial and legal printing (lithographic) .....	2002..	2 373 358	X
		2001..	2 525 363	14
		2000..	2 992 777	19
		1999..	2 798 579	15
		1998..	2 660 938	2
		1997..	2 613 461	X
3231109	Advertising printing (lithographic) .....	2002..	13 922 002	X
		2001..	17 609 917	3
		2000..	18 270 786	2
		1999..	16 946 110	2
		1998..	15 748 816	2
		1997..	14 989 698	X
323110B	Other commercial and general job printing (lithographic) .....	2002..	8 126 587	X
		2001..	10 844 913	3
		2000..	11 370 325	3
		1999..	11 516 054	4
		1998..	10 564 464	2
		1997..	10 088 528	X
323110W	Commercial lithographic printing, nsk, total .....	2002..	9 109 808	X
		2001..	7 667 084	7
		2000..	7 100 977	8
		1999..	7 228 279	6
		1998..	7 594 416	2
		1997..	7 501 792	X
323111	Commercial gravure printing .....	2002..	3 338 595	X
		2001..	3 422 934	3
		2000..	3 592 973	3
		1999..	3 736 443	3
		1998..	4 108 936	1
		1997..	3 927 548	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3231111	Magazine and periodical printing (gravure), including magazine and comic supplements for Sunday newspapers (excluding printing of newspaper advertising inserts) .....	2002..	614 236	X
		2001..	600 627	1
		2000..	674 459	1
		1999..	690 501	1
		1998..	767 143	1
		1997..	780 767	X
3231113	Label and wrapper printing (gravure) .....	2002..	659 575	X
		2001..	655 412	12
		2000..	718 961	10
		1999..	738 846	8
		1998..	771 857	6
		1997..	736 982	X
3231115	Catalog and directory printing (gravure) .....	2002..	732 353	X
		2001..	725 108	1
		2000..	679 432	1
		1999..	766 707	1
		1998..	826 797	1
		1997..	837 823	X
3231117	Advertising printing (gravure) .....	2002..	956 410	X
		2001..	965 300	4
		2000..	932 070	3
		1999..	921 251	2
		1998..	839 005	1
		1997..	702 355	X
3231119	Other commercial and general job printing (gravure) .....	2002..	186 683	X
		2001..	379 447	8
		2000..	433 212	8
		1999..	475 917	8
		1998..	562 012	5
		1997..	556 474	X
323111W	Commercial gravure printing, nsk, total .....	2002..	189 338	X
		2001..	97 039	78
		2000..	154 839	47
		1999..	143 221	44
		1998..	342 120	1
		1997..	313 147	X
323112	Commercial flexographic printing .....	2002..	5 189 062	X
		2001..	5 042 504	3
		2000..	4 908 536	3
		1999..	4 649 787	3
		1998..	4 486 638	2
		1997..	4 359 286	X
3231121	Label and wrapper printing (flexographic) .....	2002..	4 090 515	X
		2001..	3 986 131	3
		2000..	3 961 021	3
		1999..	3 804 392	2
		1998..	3 637 502	2
		1997..	3 532 321	X
3231123	Other commercial and general job printing (flexographic) .....	2002..	657 093	X
		2001..	751 623	10
		2000..	717 693	9
		1999..	646 498	9
		1998..	710 620	2
		1997..	725 630	X
323112W	Commercial flexographic printing, nsk, total .....	2002..	441 454	X
		2001..	304 750	17
		2000..	229 822	18
		1999..	198 897	17
		1998..	138 516	10
		1997..	101 335	X
323113	Commercial screen printing .....	2002..	6 330 427	X
		2001..	5 984 018	6
		2000..	6 345 380	6
		1999..	5 850 244	5
		1998..	6 099 941	2
		1997..	6 049 991	X
3231132	Screen printed labels .....	2002..	788 560	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3231134	Screen printing on garments, apparel accessories, and other fabric articles, except labels .....	2002..	2 111 333	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3231136	Screen printing (except on textiles, apparel, apparel accessories, and labels) .....	2002..	2 093 132	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
323113W	Commercial screen printing, nsk, total .....	2002.. 1 337 402	X
		2001.. 823 978	15
		2000.. 765 730	16
		1999.. 733 107	14
		1998.. 891 493	5
		1997.. 718 837	X
323114	Quick printing .....	2002.. 3 747 244	X
		2001.. 4 251 739	6
		2000.. 4 473 850	5
		1999.. 4 572 363	4
		1998.. 3 902 371	2
		1997.. 3 822 265	X
3231140	Quick printing .....	2002.. 3 747 244	X
		2001.. 4 251 739	6
		2000.. 4 473 850	5
		1999.. 4 572 363	4
		1998.. 3 902 371	2
		1997.. 3 822 265	X
323115	Digital printing .....	2002.. 2 884 293	X
		2001.. 989 344	7
		2000.. 1 036 265	6
		1999.. 702 479	6
		1998.. 579 903	5
		1997.. 492 767	X
3231150	Digital printing .....	2002.. 2 884 293	X
		2001.. 989 344	7
		2000.. 1 036 265	6
		1999.. 702 479	6
		1998.. 579 903	5
		1997.. 492 767	X
323116	Manifold business forms printing .....	2002.. 6 713 420	X
		2001.. 7 663 900	4
		2000.. 7 726 693	4
		1999.. 8 151 833	3
		1998.. 8 170 963	2
		1997.. 8 238 472	X
3231161	Unit set business forms, loose or bound .....	2002.. 1 213 379	X
		2001.. 1 555 439	6
		2000.. 1 639 146	5
		1999.. 1 810 364	4
		1998.. 1 603 055	2
		1997.. 1 594 840	X
3231163	Manifold books and pegboard accounting systems .....	2002.. 94 848	X
		2001.. 129 497	7
		2000.. 156 116	6
		1999.. 163 242	4
		1998.. 155 034	1
		1997.. 160 355	X
3231165	Custom continuous business forms .....	2002.. 1 845 865	X
		2001.. 2 534 934	6
		2000.. 2 576 163	4
		1999.. 2 795 796	5
		1998.. 2 677 291	2
		1997.. 2 523 101	X
3231167	Stock continuous business forms .....	2002.. 691 061	X
		2001.. 930 644	10
		2000.. 897 221	11
		1999.. 908 531	9
		1998.. 880 495	13
		1997.. 1 065 457	X
3231169	Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut) .....	2002.. 1 591 050	X
		2001.. 1 719 780	6
		2000.. 1 778 098	6
		1999.. 1 621 024	5
		1998.. 1 571 473	1
		1997.. 1 618 640	X
323116W	Manifold business forms printing, nsk, total .....	2002.. 1 277 217	X
		2001.. 793 605	25
		2000.. 679 949	30
		1999.. 852 878	16
		1998.. 1 283 617	3
		1997.. 1 276 079	X
323117	Books printing .....	2002.. 4 792 060	X
		2001.. 5 768 729	3
		2000.. 6 186 747	2
		1999.. 5 873 056	2
		1998.. 5 729 958	2
		1997.. 5 602 444	X
3231171	Textbook printing and binding .....	2002.. 1 152 697	X
		2001.. 1 119 008	4
		2000.. 1 176 278	4
		1999.. 992 832	3
		1998.. 1 082 650	9
		1997.. 999 809	X
3231173	Technical, scientific, and professional book printing and binding .....	2002.. 552 767	X
		2001.. 953 526	12
		2000.. 979 049	7
		1999.. 961 583	6
		1998.. 957 611	5
		1997.. 946 619	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3231175	Religious book printing and binding .....	2002..	327 717	X
		2001..	435 254	6
		2000..	437 036	6
		1999..	412 054	5
		1998..	369 853	2
		1997..	339 078	X
3231177	General book (trade, etc.) printing and binding .....	2002..	1 237 810	X
		2001..	1 388 286	5
		2000..	1 564 311	4
		1999..	1 483 422	3
		1998..	1 311 887	1
		1997..	1 316 352	X
3231179	Other book printing and binding .....	2002..	870 791	X
		2001..	888 540	5
		2000..	915 493	4
		1999..	866 776	4
		1998..	893 262	3
		1997..	901 400	X
323117A	Books, printing only, not bound .....	2002..	62 825	X
		2001..	109 298	10
		2000..	142 265	13
		1999..	144 772	9
		1998..	137 130	14
		1997..	114 774	X
323117C	Pamphlets, printing only or printing and binding (excluding advertising pamphlets) .....	2002..	103 659	X
		2001..	384 974	11
		2000..	504 284	9
		1999..	495 073	7
		1998..	476 449	2
		1997..	471 886	X
323117W	Books printing, nsk, total .....	2002..	483 794	X
		2001..	489 844	15
		2000..	468 032	16
		1999..	516 544	10
		1998..	501 116	3
		1997..	512 526	X
323118	Blankbook, looseleaf binders, and devices manufacturing .....	2002..	1 505 329	X
		2001..	2 123 111	3
		2000..	2 306 192	3
		1999..	2 311 905	2
		1998..	2 283 243	4
		1997..	2 322 741	X
3231181	Blankbook making, except checkbooks .....	2002..	380 592	X
		2001..	348 981	3
		2000..	363 235	3
		1999..	371 580	2
		1998..	293 645	32
		1997..	475 826	X
3231183	Looseleaf binders, devices, and forms .....	2002..	937 615	X
		2001..	1 615 700	4
		2000..	1 774 520	3
		1999..	1 770 393	2
		1998..	1 764 960	1
		1997..	1 638 364	X
323118W	Blankbook, looseleaf binders and devices manufacturing, nsk, total .....	2002..	187 122	X
		2001..	158 430	18
		2000..	168 437	15
		1999..	169 931	13
		1998..	224 639	5
		1997..	208 551	X
323119	Other commercial printing .....	2002..	2 556 218	X
		2001..	3 356 035	7
		2000..	3 296 018	6
		1999..	3 236 924	5
		1998..	3 641 401	3
		1997..	3 458 992	X
3231193	Label and wrapper printing (letterpress) .....	2002..	343 919	X
		2001..	596 079	8
		2000..	580 692	8
		1999..	607 800	7
		1998..	745 064	13
		1997..	716 576	X
3231199	Advertising printing (letterpress) .....	2002..	320 334	X
		2001..	162 745	15
		2000..	163 003	15
		1999..	191 292	13
		1998..	257 286	9
		1997..	244 225	X
323119C	Other commercial and general job printing (letterpress) .....	2002..	550 418	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
323119E	Engraving (printing) .....	2002..	141 208	X
		2001..	297 081	22
		2000..	323 858	21
		1999..	303 498	21
		1998..	247 676	2
		1997..	247 625	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
323119J	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing) .....	2002..	105 621	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
323119W	Other commercial printing, nsk, total .....	2002..	1 094 718	X
		2001..	1 326 521	13
		2000..	1 224 361	14
		1999..	1 069 560	12
		1998..	1 392 237	3
		1997..	1 241 013	X
323121	Tradebinding and related work .....	2002..	2 388 225	X
		2001..	2 050 475	6
		2000..	2 150 841	5
		1999..	2 056 624	5
		1998..	1 993 940	4
		1997..	1 915 223	X
3231211	Edition, library, and other hardcover binding of books (printed elsewhere) .....	2002..	343 172	X
		2001..	379 384	9
		2000..	383 813	8
		1999..	356 000	5
		1998..	313 631	1
		1997..	294 603	X
3231215	Softcover, pamphlet, sample book, and other binding of books and materials printed elsewhere .....	2002..	670 910	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3231217	Miscellaneous binding and postpress work, including collating, perforating, folding, gluing, die-cutting, gold or foil stamping, etc. ....	2002..	983 157	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
323121W	Tradebinding and related work, nsk, total .....	2002..	390 986	X
		2001..	200 343	43
		2000..	231 770	35
		1999..	244 450	32
		1998..	377 987	10
		1997..	371 655	X
323122	Prepress services .....	2002..	4 054 230	X
		2001..	4 548 502	7
		2000..	5 029 733	5
		1999..	5 263 650	5
		1998..	5 427 460	3
		1997..	5 165 549	X
3231221	Prepress services, except platemaking (including film, assembled flats, color separations, typesetting, imagesetting, etc.) .....	2002..	2 539 595	X
		2001..	3 266 447	8
		2000..	3 665 776	6
		1999..	3 868 381	6
		1998..	3 698 330	4
		1997..	3 533 395	X
3231223	Printing plates, prepared for printing (excluding blank plates) .....	2002..	841 366	X
		2001..	636 542	6
		2000..	672 520	5
		1999..	710 360	5
		1998..	762 067	6
		1997..	721 759	X
323122W	Prepress services, nsk, total .....	2002..	673 269	X
		2001..	645 514	21
		2000..	691 437	17
		1999..	684 909	16
		1998..	967 063	3
		1997..	910 395	X
324110	Petroleum refineries .....	2002..	186 760 748	X
		2001..	195 897 929	1
		2000..	210 187 191	1
		1999..	140 083 805	1
		1998..	114 439 313	1
		1997..	152 755 956	X
3241101	Gasoline, including finished base stocks and blending agents .....	2002..	96 063 543	X
		2001..	99 031 362	1
		2000..	106 250 380	1
		1999..	72 892 411	1
		1998..	57 927 453	1
		1997..	77 557 632	X
3241104	Jet fuel .....	2002..	16 730 551	X
		2001..	17 219 612	1
		2000..	20 293 872	1
		1999..	13 915 752	1
		1998..	9 826 714	1
		1997..	14 017 775	X

See footnotes at end of table.

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3241107	Kerosene, excluding jet fuel .....	2002..	749 518	X
		2001..	2 173 685	1
		2000..	1 775 712	1
		1999..	977 666	1
		1998..	891 746	1
		1997..	960 019	X
324110A	Light fuel oils .....	2002..	38 714 479	X
		2001..	39 916 029	1
		2000..	43 310 445	1
		1999..	25 762 672	2
		1998..	21 400 417	1
		1997..	28 941 405	X
324110D	Heavy fuel oils, including grades No. 5, 6, heavy diesel-type, heavy gas-enrichment oils, etc. ....	2002..	6 132 764	X
		2001..	5 399 505	3
		2000..	6 096 389	3
		1999..	3 801 119	4
		1998..	3 034 479	5
		1997..	4 295 288	X
324110G	Petroleum lubricating oils and greases, made in a refinery .....	2002..	1 332 180	X
		2001..	958 031	4
		2000..	931 829	4
		1999..	746 395	3
		1998..	877 026	4
		1997..	704 035	X
324110J	Unfinished oils and lubricating oil base stock .....	2002..	8 291 328	X
		2001..	7 556 620	2
		2000..	7 562 124	3
		1999..	5 763 990	1
		1998..	5 769 070	1
		1997..	8 219 990	X
324110M	Asphalt .....	2002..	4 304 082	X
		2001..	4 280 928	5
		2000..	4 692 484	4
		1999..	2 960 285	1
		1998..	2 997 550	1
		1997..	3 320 500	X
324110P	Liquefied refinery gases (aliphatics), made in a refinery .....	2002..	6 548 475	X
		2001..	9 091 188	2
		2000..	10 122 423	2
		1999..	5 803 365	4
		1998..	5 124 005	1
		1997..	8 157 277	X
324110T	Other finished petroleum products, including waxes, made in a refinery .....	2002..	7 695 467	X
		2001..	9 732 979	4
		2000..	8 698 857	5
		1999..	6 471 010	4
		1998..	5 221 262	1
		1997..	5 091 239	X
324110W	Petroleum refineries, nsk, total .....	2002..	198 361	X
		2001..	537 991	54
		2000..	452 676	64
		1999..	989 138	12
		1998..	1 369 590	19
		1997..	1 490 796	X
324121	Asphalt paving mixture and block manufacturing .....	2002..	7 267 328	X
		2001..	6 253 579	3
		2000..	6 136 486	3
		1999..	5 445 609	3
		1998..	5 789 929	3
		1997..	5 478 602	X
3241210	Asphalt paving mixtures and blocks .....	2002..	7 267 328	X
		2001..	6 253 579	3
		2000..	6 136 486	3
		1999..	5 445 609	3
		1998..	5 789 929	3
		1997..	5 478 602	X
324122	Asphalt shingle and coating materials manufacturing .....	2002..	5 677 126	X
		2001..	4 978 690	3
		2000..	5 170 935	2
		1999..	4 829 954	2
		1998..	5 033 049	1
		1997..	4 724 254	X
3241221	Roofing asphalts and pitches, coatings, and cements .....	2002..	920 825	X
		2001..	1 070 226	11
		2000..	1 100 142	7
		1999..	985 963	5
		1998..	897 272	3
		1997..	857 622	X
3241222	Prepared asphalt and tar roofing and siding products, including saturated felts and boards for nonbuilding use .....	2002..	4 607 855	X
		2001..	3 722 761	2
		2000..	3 863 391	2
		1999..	3 628 995	2
		1998..	3 794 175	1
		1997..	3 588 157	X
324122W	Asphalt shingle and coating materials manufacturing, nsk, total .....	2002..	148 446	X
		2001..	185 703	15
		2000..	207 403	12
		1999..	214 996	11
		1998..	341 602	1

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Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
324122W	Asphalt shingle and coating materials manufacturing, nsk, total— Con.	1997..	278 475	X
324191	Petroleum lubricating oil and grease manufacturing .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	6 425 890 5 797 299 6 049 338 5 638 576 6 557 434 5 991 493	X 3 3 4 1 X
3241910	Petroleum lubricating oils and greases, made from refined petroleum .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	6 425 890 5 797 299 6 049 338 5 638 576 6 557 434 5 991 493	X 3 3 4 1 X
324199	All other petroleum and coal products manufacturing .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	1 919 436 1 702 884 1 629 081 1 498 628 1 437 091 1 632 114	X 10 10 11 2 X
3241991	Coke oven and blast furnace products, made in coke oven establishments .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	541 361 534 168 425 097 352 622 363 823 450 235	X 4 6 9 1 X
3241992	All other petroleum and coal products (excluding coke oven products), made in coke oven establishments .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	1 311 341 1 096 651 1 135 359 1 073 751 948 619 1 083 135	X 14 13 15 3 X
324199W	All other petroleum and coal products manufacturing, nsk, total .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	66 734 72 066 68 626 72 255 124 649 98 744	X 56 59 56 2 X
325110	Petrochemical manufacturing .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	16 105 958 12 879 059 17 627 408 16 002 755 14 682 316 17 349 259	X 1 1 1 1 X
3251101	Aromatics (benzene, toluene, xylene, etc.), made in petrochemical plants .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	7 803 306 2 832 033 4 588 620 4 084 670 4 481 989 4 526 855	X 4 2 2 1 X
3251104	Liquefied refinery gases (aliphatics), made in petrochemical plants .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	8 163 068 10 026 263 13 020 883 11 898 341 9 959 242 12 616 055	X 1 1 1 1 X
325110W	Petrochemical manufacturing nsk, total .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	139 584 20 762 17 905 19 744 241 085 206 349	X A A A 1 X
325120	Industrial gas manufacturing .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	5 898 777 5 061 181 4 892 241 5 036 910 5 727 232 5 204 229	X 2 2 2 1 X
3251201	Acetylene .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	79 811 97 351 178 536 201 579 237 645 139 751	X 2 3 3 1 X
3251204	Carbon dioxide .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	481 665 368 229 337 133 340 284 389 250 336 332	X 5 6 4 3 X
3251207	Nitrogen .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	1 181 877 1 336 930 1 155 736 1 172 809 1 293 361 1 198 873	X 5 5 5 1 X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
325120A	Oxygen .....	2002..	800 677	X
		2001..	871 938	7
		2000..	926 207	5
		1999..	979 961	4
		1998..	1 094 279	1
		1997..	993 637	X
325120C	Argon and hydrogen .....	2002..	1 633 768	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
325120G	Fluorocarbon gases .....	2002..	694 756	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
325120U	Other industrial gases .....	2002..	640 618	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
325120W	Industrial gas manufacturing, nsk, total .....	2002..	385 605	X
		2001..	149 645	17
		2000..	135 721	19
		1999..	104 322	29
		1998..	348 802	5
		1997..	333 826	X
325131	Inorganic dye and pigment manufacturing .....	2002..	3 727 849	X
		2001..	3 282 641	4
		2000..	3 504 206	3
		1999..	3 537 185	4
		1998..	3 829 441	1
		1997..	3 909 644	X
3251311	Titanium dioxide, composite and pure .....	2002..	2 551 674	X
		2001..	1 984 092	1
		2000..	2 092 520	1
		1999..	2 193 811	1
		1998..	2 421 847	1
		1997..	2 499 187	X
3251314	Other white opaque pigments .....	2002..	185 383	X
		2001..	313 327	3
		2000..	386 456	5
		1999..	342 204	4
		1998..	431 637	1
		1997..	363 246	X
3251317	Chrome colors and other inorganic pigments .....	2002..	925 121	X
		2001..	942 122	12
		2000..	982 442	9
		1999..	960 361	13
		1998..	889 272	1
		1997..	932 343	X
325131W	Inorganic dye and pigment manufacturing, nsk, total .....	2002..	65 671	X
		2001..	43 099	41
		2000..	42 789	41
		1999..	40 808	43
		1998..	86 684	1
		1997..	114 868	X
325132	Synthetic organic dye and pigment manufacturing .....	2002..	2 514 132	X
		2001..	2 356 915	9
		2000..	2 772 019	8
		1999..	2 747 687	8
		1998..	2 590 686	2
		1997..	2 746 542	X
3251321	Synthetic organic dyes .....	2002..	992 698	X
		2001..	605 233	5
		2000..	753 452	4
		1999..	843 890	3
		1998..	921 373	3
		1997..	1 060 777	X
3251324	Synthetic organic pigments, lakes, and toners .....	2002..	1 447 870	X
		2001..	1 606 847	13
		2000..	1 890 726	12
		1999..	1 788 676	13
		1998..	1 584 558	2
		1997..	1 623 765	X
325132W	Synthetic organic dye and pigment manufacturing, nsk, total .....	2002..	73 564	X
		2001..	144 835	1
		2000..	127 841	1
		1999..	115 122	1
		1998..	84 755	1
		1997..	62 000	X
325181	Alkalies and chlorine manufacturing .....	2002..	2 911 680	X
		2001..	3 210 303	2
		2000..	3 396 312	1
		1999..	3 015 035	1
		1998..	2 949 798	1
		1997..	3 081 950	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3251811	Chlorine, compressed or liquefied .....	2002..	979 384	X
		2001..	521 404	4
		2000..	1 162 151	1
		1999..	804 016	1
		1998..	815 908	5
		1997..	1 223 456	X
3251814	Sodium hydroxide (caustic soda) .....	2002..	1 398 397	X
		2001..	2 043 734	3
		2000..	1 518 051	1
		1999..	1 542 921	1
		1998..	1 690 642	1
		1997..	1 446 405	X
3251817	Other alkalis .....	2002..	507 751	X
		2001..	619 748	1
		2000..	693 193	1
		1999..	645 365	1
		1998..	393 819	1
		1997..	389 286	X
325181W	Alkalies and chlorine manufacturing, nsk, total .....	2002..	26 148	X
		2001..	25 417	1
		2000..	22 916	1
		1999..	22 733	1
		1998..	49 429	1
		1997..	22 803	X
325182	Carbon black manufacturing .....	2002..	1 057 344	X
		2001..	1 028 017	1
		2000..	1 075 242	2
		1999..	946 953	1
		1998..	1 037 320	9
		1997..	948 421	X
3251820	Carbon black, all processes .....	2002..	1 057 344	X
		2001..	1 028 017	1
		2000..	1 075 242	2
		1999..	946 953	1
		1998..	1 037 320	X
		1997..	948 421	X
325188	All other basic inorganic chemical manufacturing .....	2002..	14 042 311	X
		2001..	12 763 891	2
		2000..	13 401 795	2
		1999..	13 698 087	2
		1998..	15 720 422	1
		1997..	15 400 740	X
3251881	Sulfuric acid .....	2002..	672 824	X
		2001..	619 065	10
		2000..	601 576	6
		1999..	544 738	5
		1998..	654 829	20
		1997..	610 418	X
3251884	Inorganic acids, excluding nitric, sulfuric and phosphoric .....	2002..	699 305	X
		2001..	579 191	2
		2000..	629 754	3
		1999..	741 139	2
		1998..	660 891	1
		1997..	726 727	X
3251887	Other inorganic aluminum compounds .....	2002..	1 321 004	X
		2001..	856 311	8
		2000..	870 066	8
		1999..	795 355	5
		1998..	784 032	6
		1997..	780 119	X
325188A	Potassium and sodium compounds, excluding bleaches, alkalies, and alum .....	2002..	1 749 183	X
		2001..	1 836 966	4
		2000..	2 012 963	3
		1999..	2 234 107	3
		1998..	2 110 810	1
		1997..	2 131 141	X
325188D	Chemical catalytic preparations, excluding silica gel catalyst .....	2002..	2 188 749	X
		2001..	1 861 117	2
		2000..	1 662 989	2
		1999..	1 630 452	1
		1998..	1 778 352	1
		1997..	1 857 513	X
325188H	All other inorganic chemicals .....	2002..	6 557 095	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
325188W	All other basic inorganic chemical manufacturing, nsk, total .....	2002..	854 151	X
		2001..	301 776	48
		2000..	309 332	47
		1999..	352 173	43
		1998..	762 535	5
		1997..	667 240	X
325191	Gum and wood chemical manufacturing .....	2002..	1 007 886	X
		2001..	942 024	1
		2000..	921 158	1
		1999..	965 304	4
		1998..	959 998	1
		1997..	967 439	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3251910	Gum and wood chemicals, including wood distillation products .....	2002..	1 007 886	X
		2001..	942 024	1
		2000..	921 158	1
		1999..	965 304	4
		1998..	959 998	1
		1997..	967 439	X
325192	Cyclic crude and intermediate manufacturing .....	2002..	5 871 181	X
		2001..	8 514 974	3
		2000..	10 314 291	2
		1999..	8 665 159	2
		1998..	8 987 995	1
		1997..	9 815 911	X
3251921	Cyclic (coal tar) intermediates .....	2002..	5 211 781	X
		2001..	7 848 328	3
		2000..	9 517 498	2
		1999..	7 904 746	2
		1998..	8 182 118	1
		1997..	8 905 865	X
3251924	Tar, tar crudes, and tar pitches .....	2002..	648 847	X
		2001..	624 284	19
		2000..	760 362	13
		1999..	729 190	3
		1998..	773 341	1
		1997..	877 303	X
325192W	Cyclic crude and intermediate manufacturing, nsk, total .....	2002..	10 553	X
		2001..	42 362	1
		2000..	36 431	1
		1999..	31 224	8
		1998..	32 536	1
		1997..	32 743	X
325193	Ethyl alcohol manufacturing .....	2002..	3 037 125	X
		2001..	2 824 200	4
		2000..	2 592 619	5
		1999..	2 003 479	2
		1998..	1 966 526	1
		1997..	2 266 624	X
3251930	Ethyl alcohol .....	2002..	3 037 125	X
		2001..	2 824 200	4
		2000..	2 592 619	5
		1999..	2 003 479	2
		1998..	1 966 526	1
		1997..	2 266 624	X
325199	All other basic organic chemical manufacturing .....	2002..	46 774 413	X
		2001..	43 889 711	2
		2000..	47 006 010	2
		1999..	41 815 084	3
		1998..	40 883 095	1
		1997..	46 037 098	X
3251991	Fatty acids .....	2002..	1 706 802	X
		2001..	2 296 165	3
		2000..	2 069 918	2
		1999..	2 051 650	2
		1998..	1 067 391	1
		1997..	1 169 380	X
3251994	Bulk pesticides and other bulk synthetic organic agricultural chemicals, excluding preparations .....	2002..	1 198 701	X
		2001..	1 978 793	4
		2000..	2 012 692	5
		1999..	2 152 615	3
		1998..	1 105 473	5
		1997..	1 203 403	X
3251997	Industrial organic flavor oil mixtures and blends .....	2002..	422 239	X
		2001..	564 503	1
		2000..	569 435	1
		1999..	348 394	6
		1998..	266 842	3
		1997..	278 832	X
325199A	Reagent and high-purity grades of organic chemicals refined from purchased technical grades .....	2002..	552 346	X
		2001..	536 098	4
		2000..	491 035	1
		1999..	335 700	2
		1998..	374 245	1
		1997..	382 027	X
325199E	Natural organic chemicals .....	2002..	1 429 633	X
		2001..	992 736	5
		2000..	1 020 711	5
		1999..	960 052	5
		1998..	870 245	3
		1997..	959 621	X
325199G	Synthetic organic alcohols, unmixed .....	2002..	1 816 454	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
325199H	Synthetic organic chemicals for use as flavor and perfume materials .....	2002..	1 251 124	X
		2001..	1 285 591	7
		2000..	1 490 407	6
		1999..	1 598 273	4
		1998..	1 650 134	12

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325199H	Synthetic organic chemicals for use as flavor and perfume materials—Con.	1997.. 1 615 421	X
325199K	Synthetic organic rubber-processing chemicals .....	2002.. 401 508 2001.. 372 575 2000.. 431 352 1999.. 523 195 1998.. 644 593 1997.. 614 776	X 6 3 3 1 X
325199N	Synthetic organic plasticizers .....	2002.. 589 162 2001.. 728 709 2000.. 794 877 1999.. 724 412 1998.. 930 798 1997.. 958 211	X 4 2 2 4 X
325199R	Other synthetic organic chemicals .....	2002.. 7 077 632 2001.. 2 709 326 2000.. 2 802 694 1999.. 2 314 122 1998.. 1 961 363 1997.. 2 079 609	X 8 5 3 5 X
325199T	Miscellaneous end use chemicals and chemical products, excluding urea .....	2002.. 15 066 283 2001.. 12 824 800 2000.. 13 264 719 1999.. 11 073 109 1998.. 10 645 227 1997.. 12 023 980	X 3 3 3 1 X
325199V	Miscellaneous cyclic and acyclic chemicals and chemical products, excluding fatty acid esters .....	2002.. 14 221 652 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
325199W	All other basic organic chemical manufacturing, nsk, total .....	2002.. 1 040 877 2001.. 872 690 2000.. 825 314 1999.. 795 339 1998.. 1 945 925 1997.. 1 980 857	X 40 42 44 2 X
325211	Plastics material and resin manufacturing .....	2002.. 46 080 950 2001.. 44 678 847 2000.. 51 400 284 1999.. 46 198 812 1998.. 44 835 697 1997.. 45 833 316	X 2 2 1 1 X
3252111	Thermoplastic resins and plastics materials .....	2002.. 37 614 483 2001.. 36 672 530 2000.. 42 313 840 1999.. 37 448 959 1998.. 35 333 903 1997.. 36 589 561	X 2 2 1 1 X
3252114	Thermosetting resins and plastics materials .....	2002.. 7 881 047 2001.. 7 806 559 2000.. 8 899 257 1999.. 8 576 346 1998.. 8 813 046 1997.. 8 722 920	X 2 1 1 1 X
325211W	Plastics material and resin manufacturing, nsk, total .....	2002.. 585 420 2001.. 199 758 2000.. 187 188 1999.. 173 506 1998.. 688 749 1997.. 520 835	X 63 67 72 2 X
325212	Synthetic rubber manufacturing .....	2002.. 5 806 042 2001.. 5 782 210 2000.. 6 345 427 1999.. 6 110 942 1998.. 5 715 363 1997.. 6 249 385	X 2 2 2 1 X
3252120	Synthetic rubber (vulcanizable elastomers) .....	2002.. 5 806 042 2001.. 5 782 210 2000.. 6 345 427 1999.. 6 110 942 1998.. 5 715 363 1997.. 6 249 385	X 2 2 2 1 X
325221	Cellulosic organic fiber manufacturing .....	2002.. 969 543 2001.. 974 385 2000.. 1 064 955 1999.. 1 232 790 1998.. 1 483 690 1997.. 1 728 274	X 1 1 1 1 X
3252210	Rayon, acetate, and lyocell manufactured fibers .....	2002.. 969 543 2001.. 974 385 2000.. 1 064 955 1999.. 1 232 790 1998.. 1 483 690 1997.. 1 728 274	X 1 1 1 X X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
325222	Noncellulosic organic fiber manufacturing .....	2002..	7 280 934	X
		2001..	8 673 169	1
		2000..	9 578 855	1
		1999..	9 704 745	1
		1998..	10 362 780	1
		1997..	10 341 933	X
3252221	Nylon and other polyamide manufactured fibers .....	2002..	2 644 689	X
		2001..	3 853 147	1
		2000..	3 906 411	1
		1999..	3 526 651	1
		1998..	3 444 158	1
		1997..	3 376 082	X
3252224	Polyolefin manufactured fibers .....	2002..	420 089	X
		2001..	354 575	11
		2000..	426 502	10
		1999..	280 334	14
		1998..	262 440	17
		1997..	185 982	X
3252227	Polyester manufactured fibers .....	2002..	1 811 506	X
		2001..	2 155 537	2
		2000..	2 431 596	1
		1999..	2 524 115	1
		1998..	3 081 507	1
		1997..	3 343 156	X
325222A	Other manufactured noncellulosic fibers (excluding glass, carbon, and graphite) .....	2002..	865 283	X
		2001..	869 046	7
		2000..	1 062 321	1
		1999..	1 207 715	1
		1998..	1 344 972	1
		1997..	1 029 313	X
325222D	Producer-textured manufactured noncellulosic fibers .....	2002..	1 492 871	X
		2001..	1 403 650	1
		2000..	1 719 016	1
		1999..	2 134 889	1
		1998..	2 202 920	1
		1997..	2 378 653	X
325222W	Noncellulosic organic fiber manufacturing, nsk, total .....	2002..	46 496	X
		2001..	37 214	13
		2000..	33 009	15
		1999..	31 040	16
		1998..	26 783	1
		1997..	28 747	X
325311	Nitrogenous fertilizer manufacturing .....	2002..	3 620 190	X
		2001..	3 580 398	3
		2000..	3 482 949	3
		1999..	3 069 975	4
		1998..	3 846 230	3
		1997..	4 507 914	X
3253111	Synthetic ammonia, nitric acid, and ammonium compounds .....	2002..	2 648 458	X
		2001..	2 716 360	3
		2000..	2 587 592	4
		1999..	2 263 322	6
		1998..	2 967 118	3
		1997..	3 511 869	X
3253114	Urea .....	2002..	759 383	X
		2001..	590 309	5
		2000..	644 700	4
		1999..	600 870	5
		1998..	674 562	1
		1997..	784 792	X
3253117	Fertilizer materials of organic origin, including activated sewage sludge, processed tankage, and other natural fertilizer materials .....	2002..	87 012	X
		2001..	103 693	21
		2000..	96 223	42
		1999..	63 534	5
		1998..	23 585	90
		1997..	70 394	X
325311W	Nitrogenous fertilizer manufacturing, nsk, total .....	2002..	125 337	X
		2001..	170 035	1
		2000..	154 433	1
		1999..	142 249	1
		1998..	180 966	1
		1997..	140 859	X
325312	Phosphatic fertilizer manufacturing .....	2002..	3 808 778	X
		2001..	3 407 144	3
		2000..	3 925 905	3
		1999..	4 727 084	2
		1998..	5 490 246	1
		1997..	5 362 239	X
3253121	Phosphoric acid .....	2002..	1 138 139	X
		2001..	872 910	1
		2000..	996 271	1
		1999..	956 516	1
		1998..	1 446 842	1
		1997..	1 309 336	X
3253124	Superphosphates and other phosphatic fertilizer materials .....	2002..	2 441 130	X
		2001..	2 267 293	4
		2000..	2 604 090	3
		1999..	3 517 547	1
		1998..	3 693 049	1
		1997..	3 614 889	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3253127	Mixed fertilizers, made in plants which manufacture fertilizer materials .....	2002..	219 998	X
		2001..	247 640	30
		2000..	300 437	24
		1999..	224 130	33
		1998..	310 324	1
		1997..	399 212	X
325312W	Phosphatic fertilizer manufacturing, nsk, total .....	2002..	9 511	X
		2001..	19 301	13
		2000..	25 108	1
		1999..	28 891	1
		1998..	40 032	1
		1997..	38 802	X
325314	Fertilizer (mixing only) manufacturing .....	2002..	2 777 359	X
		2001..	2 735 433	7
		2000..	2 721 586	7
		1999..	2 443 338	6
		1998..	3 137 638	1
		1997..	2 926 500	X
3253140	Mixed fertilizers, mixing only .....	2002..	2 777 359	X
		2001..	2 735 433	7
		2000..	2 721 586	7
		1999..	2 443 338	6
		1998..	3 137 638	1
		1997..	2 926 500	X
325320	Pesticide and other agricultural chemical manufacturing .....	2002..	9 590 702	X
		2001..	9 096 706	3
		2000..	9 353 739	4
		1999..	10 163 299	4
		1998..	11 239 685	1
		1997..	11 067 289	X
3253201	Agricultural and commercial pesticides and chemicals .....	2002..	6 262 894	X
		2001..	6 505 784	4
		2000..	6 511 534	4
		1999..	7 111 061	4
		1998..	8 443 026	1
		1997..	9 244 512	X
3253204	Lawn and garden pesticides and chemicals .....	2002..	345 477	X
		2001..	283 123	11
		2000..	548 687	49
		1999..	688 858	41
		1998..	467 857	9
		1997..	360 784	X
3253207	Household and institutional pesticides and chemicals .....	2002..	2 502 204	X
		2001..	1 908 261	2
		2000..	1 899 117	2
		1999..	2 145 032	2
		1998..	2 181 434	1
		1997..	1 142 047	X
325320W	Pesticide and other agricultural chemical manufacturing, nsk, total .....	2002..	480 127	X
		2001..	399 538	1
		2000..	394 402	1
		1999..	218 347	3
		1998..	147 368	41
		1997..	319 946	X
325411	Medicinal and botanical manufacturing .....	2002..	12 724 841	X
		2001..	11 125 950	3
		2000..	12 257 186	3
		1999..	11 796 469	2
		1998..	12 251 292	1
		1997..	10 985 383	X
3254111	Synthetic organic medicinal chemicals, in bulk .....	2002..	9 700 437	X
		2001..	8 698 009	3
		2000..	9 514 026	2
		1999..	9 306 440	2
		1998..	9 187 151	1
		1997..	8 249 161	X
3254114	Medicinals and botanicals, all other medicinal chemicals and botanical products, in bulk .....	2002..	2 844 019	X
		2001..	2 316 007	10
		2000..	2 625 522	9
		1999..	2 313 294	5
		1998..	2 805 127	1
		1997..	2 625 474	X
325411W	Medicinal and botanical manufacturing, nsk, total .....	2002..	180 385	X
		2001..	111 934	79
		2000..	117 639	75
		1999..	176 736	50
		1998..	259 014	1
		1997..	110 748	X
325412	Pharmaceutical preparation manufacturing .....	2002..	104 292 166	X
		2001..	93 771 907	3
		2000..	80 138 588	3
		1999..	72 751 444	1
		1998..	67 747 840	1
		1997..	59 215 525	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3254121	Pharmaceutical preparations, affecting neoplasms, the endocrine system, and metabolic diseases, for human use .....	2002..	17 195 474	X
		2001..	14 121 893	4
		2000..	9 290 471	4
		1999..	7 733 075	4
		1998..	7 319 911	2
		1997..	4 821 511	X
3254124	Pharmaceutical preparations, acting on the central nervous system and the sense organs, for human use .....	2002..	24 792 971	X
		2001..	20 592 397	11
		2000..	17 968 764	10
		1999..	15 301 340	3
		1998..	13 514 197	2
		1997..	11 808 739	X
3254127	Pharmaceutical preparations, acting on the cardiovascular system, for human use .....	2002..	10 516 110	X
		2001..	9 783 184	4
		2000..	9 285 614	4
		1999..	9 547 107	2
		1998..	9 593 293	1
		1997..	8 656 088	X
325412A	Pharmaceutical preparations, acting on the respiratory system, for human use .....	2002..	12 531 993	X
		2001..	11 950 519	1
		2000..	9 762 964	1
		1999..	7 939 710	1
		1998..	6 944 230	3
		1997..	5 742 303	X
325412D	Pharmaceutical preparations, acting on the digestive or the genitourinary systems, for human use .....	2002..	13 077 241	X
		2001..	12 576 906	6
		2000..	9 570 012	1
		1999..	8 507 485	1
		1998..	9 133 187	1
		1997..	9 360 623	X
325412G	Pharmaceutical preparations, acting on skin, for human use .....	2002..	2 723 454	X
		2001..	2 669 454	17
		2000..	3 067 839	16
		1999..	2 792 561	17
		1998..	1 751 537	8
		1997..	1 800 841	X
325412L	Pharmaceutical preparations, vitamin, nutrient, and hematonic preparations, for human use .....	2002..	6 353 888	X
		2001..	6 258 527	5
		2000..	6 125 085	3
		1999..	6 919 722	3
		1998..	6 418 509	1
		1997..	5 209 752	X
325412P	Pharmaceutical preparations, affecting parasitic and infective diseases, for human use (excluding diagnostics) .....	2002..	11 329 361	X
		2001..	11 411 913	2
		2000..	11 018 960	2
		1999..	9 677 294	1
		1998..	8 674 159	1
		1997..	7 651 310	X
325412T	Pharmaceutical preparations for veterinary use (including medicinal premixes and medicated pet care products; excluding pet flea and tick products), excluding diagnostics .....	2002..	2 536 159	X
		2001..	2 557 905	11
		2000..	2 031 521	4
		1999..	2 207 920	4
		1998..	1 956 788	1
		1997..	1 593 352	X
325412V	In vivo diagnostic substances .....	2002..	1 737 541	X
		2001..	1 197 059	6
		2000..	1 305 040	5
		1999..	1 075 416	7
		1998..	895 480	2
		1997..	1 070 479	X
325412W	Pharmaceutical preparation manufacturing, nsk, total .....	2002..	1 497 974	X
		2001..	652 151	66
		2000..	712 318	60
		1999..	1 049 815	41
		1998..	1 546 552	2
		1997..	1 500 527	X
325413	In-vitro diagnostic substances manufacturing .....	2002..	9 170 493	X
		2001..	7 213 919	4
		2000..	7 569 565	3
		1999..	7 935 256	2
		1998..	7 201 915	2
		1997..	6 483 326	X
3254130	In-vitro diagnostic substances .....	2002..	9 170 493	X
		2001..	7 213 919	4
		2000..	7 569 565	3
		1999..	7 935 256	2
		1998..	7 201 915	2
		1997..	6 483 326	X
325414	Biological product (except diagnostic) manufacturing .....	2002..	8 354 507	X
		2001..	7 348 709	3
		2000..	6 731 920	3
		1999..	6 076 266	2
		1998..	6 434 452	1
		1997..	5 398 081	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3254141	Blood and blood derivatives, for human use .....	2002..	1 587 099	X
		2001..	1 313 817	2
		2000..	1 296 344	1
		1999..	1 115 104	1
		1998..	1 050 873	1
		1997..	1 060 150	X
3254144	Vaccines, toxoids, and antigens, excluding allergens, for human use .....	2002..	2 485 287	X
		2001..	2 192 989	1
		2000..	1 671 216	1
		1999..	1 529 143	1
		1998..	1 411 586	1
		1997..	1 265 460	X
3254147	Other biologics, excluding diagnostic, for human use .....	2002..	2 165 164	X
		2001..	2 048 708	9
		2000..	2 151 153	7
		1999..	1 672 416	6
		1998..	2 004 038	1
		1997..	1 511 455	X
325414A	Biological products, excluding diagnostic, for veterinary, industrial, and all other miscellaneous uses.....	2002..	1 860 241	X
		2001..	1 530 243	8
		2000..	1 333 958	8
		1999..	1 497 928	5
		1998..	1 626 801	2
		1997..	1 304 739	X
325414W	Biological product (except diagnostic) manufacturing, nsk, total .....	2002..	256 716	X
		2001..	262 952	23
		2000..	279 249	23
		1999..	261 674	24
		1998..	341 154	2
		1997..	256 277	X
325510	Paint and coating manufacturing .....	2002..	19 246 106	X
		2001..	18 507 055	2
		2000..	18 600 402	2
		1999..	18 448 492	2
		1998..	18 398 733	4
		1997..	17 957 440	X
3255101	Architectural coatings .....	2002..	7 760 354	X
		2001..	7 043 239	2
		2000..	6 486 662	2
		1999..	6 511 239	2
		1998..	6 331 239	1
		1997..	6 096 705	X
3255104	Product finishes for original equipment manufacturers (OEM), excluding marine coatings .....	2002..	5 242 583	X
		2001..	5 892 045	3
		2000..	6 262 438	3
		1999..	6 153 684	2
		1998..	5 789 265	2
		1997..	5 778 416	X
3255107	Special-purpose coatings including all marine coatings, industrial, construction and maintenance coatings, traffic marking paints, etc. ....	2002..	3 293 256	X
		2001..	3 332 305	6
		2000..	3 507 778	7
		1999..	3 630 113	6
		1998..	3 484 482	6
		1997..	3 015 031	X
325510B	Miscellaneous allied paint products, including paint and varnish removers, thinners, pigment dispersions, glazing compounds, etc. ....	2002..	1 358 561	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
325510W	Paint and coating manufacturing, nsk, total .....	2002..	1 591 352	X
		2001..	1 001 052	19
		2000..	894 950	21
		1999..	820 493	21
		1998..	1 202 886	50
		1997..	1 414 710	X
325520	Adhesive manufacturing .....	2002..	7 390 407	X
		2001..	7 722 453	5
		2000..	7 905 701	4
		1999..	7 854 007	4
		1998..	7 307 070	1
		1997..	7 374 355	X
3255201	Natural base glues and adhesives .....	2002..	276 552	X
		2001..	782 037	11
		2000..	791 011	13
		1999..	704 315	14
		1998..	359 469	9
		1997..	322 944	X
3255204	Synthetic resin and rubber adhesives, including all types of bonding and laminating adhesives .....	2002..	4 436 322	X
		2001..	4 838 430	7
		2000..	4 797 614	6
		1999..	4 502 832	5
		1998..	4 194 569	2
		1997..	4 338 084	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3255207	Structural sealants (load-bearing) .....	2002..	734 810	X
		2001..	248 209	33
		2000..	448 720	18
		1999..	412 121	18
		1998..	352 064	1
		1997..	495 787	X
325520A	Nonstructural caulking compounds and sealants .....	2002..	1 482 516	X
		2001..	1 564 366	6
		2000..	1 409 918	6
		1999..	1 530 131	7
		1998..	1 389 505	2
		1997..	1 436 177	X
325520W	Adhesive manufacturing, nsk, total .....	2002..	460 207	X
		2001..	289 411	45
		2000..	458 438	30
		1999..	704 608	19
		1998..	1 011 463	1
		1997..	781 363	X
325611	Soap and other detergent manufacturing .....	2002..	15 719 644	X
		2001..	15 618 223	3
		2000..	14 046 627	3
		1999..	13 683 288	3
		1998..	14 280 470	4
		1997..	14 326 060	X
3256111	Soaps and detergents, commercial, industrial, and institutional .....	2002..	6 888 980	X
		2001..	3 038 805	8
		2000..	2 864 478	8
		1999..	2 206 263	8
		1998..	2 160 358	16
		1997..	2 276 865	X
3256114	Household detergents .....	2002..	3 532 162	X
		2001..	8 564 107	4
		2000..	7 173 528	4
		1999..	7 582 216	3
		1998..	7 070 423	1
		1997..	7 176 655	X
3256117	Soaps, excluding specialty cleaners, household .....	2002..	D	X
		2001..	2 578 147	4
		2000..	2 437 825	4
		1999..	2 183 507	2
		1998..	2 059 157	5
		1997..	1 832 132	X
325611A	Glycerin, natural .....	2002..	D	X
		2001..	102 928	1
		2000..	107 492	1
		1999..	118 647	1
		1998..	228 958	2
		1997..	265 942	X
325611D	Toothpaste, including gels and toothpowder .....	2002..	1 557 067	X
		2001..	1 144 311	4
		2000..	1 250 139	4
		1999..	1 188 485	4
		1998..	1 082 904	3
		1997..	1 403 379	X
325611W	Soap and other detergent manufacturing, nsk, total .....	2002..	1 355 806	X
		2001..	189 924	A
		2000..	213 166	A
		1999..	404 169	58
		1998..	1 678 671	24
		1997..	1 371 087	X
325612	Polish and other sanitation good manufacturing .....	2002..	8 138 248	X
		2001..	7 330 590	5
		2000..	8 166 838	4
		1999..	7 267 994	3
		1998..	7 633 982	2
		1997..	8 170 185	X
3256121	Household bleaches (chlorine and nonchlorine) .....	2002..	963 590	X
		2001..	740 407	2
		2000..	792 805	1
		1999..	694 141	1
		1998..	910 279	1
		1997..	1 002 265	X
3256125	Specialty cleaning and sanitation products .....	2002..	4 884 877	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3256127	Polishing preparations and related products .....	2002..	1 684 683	X
		2001..	1 603 325	11
		2000..	1 676 634	12
		1999..	1 166 447	5
		1998..	1 068 191	5
		1997..	1 068 171	X
325612W	Polish and other sanitation good manufacturing, nsk, total .....	2002..	605 098	X
		2001..	340 775	57
		2000..	455 874	40
		1999..	590 133	22
		1998..	1 101 627	6
		1997..	930 864	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
325613	Surface active agent manufacturing .....	2002..	6 247 799	X
		2001..	4 959 694	4
		2000..	5 345 527	4
		1999..	4 706 844	5
		1998..	4 325 800	1
		1997..	4 969 087	X
3256130	Surfactants, finishing agents, and assistants .....	2002..	6 247 799	X
		2001..	4 959 694	4
		2000..	5 345 527	4
		1999..	4 706 844	5
		1998..	4 325 800	1
		1997..	4 969 087	X
325620	Toilet preparation manufacturing .....	2002..	29 699 144	X
		2001..	24 149 241	2
		2000..	23 497 415	2
		1999..	23 028 632	2
		1998..	23 056 503	1
		1997..	22 840 050	X
3256201	Shaving preparations .....	2002..	622 630	X
		2001..	613 682	11
		2000..	554 310	10
		1999..	595 399	8
		1998..	456 195	1
		1997..	503 711	X
3256204	Perfumes, toilet waters, and colognes .....	2002..	3 009 050	X
		2001..	3 017 727	4
		2000..	3 303 755	3
		1999..	3 117 163	3
		1998..	3 138 041	3
		1997..	3 059 475	X
3256207	Hair preparations (including shampoos) .....	2002..	7 189 909	X
		2001..	5 337 154	5
		2000..	5 010 700	4
		1999..	5 437 035	3
		1998..	4 781 248	4
		1997..	5 378 887	X
325620A	Dentifrices, mouthwashes, gargles, and rinses .....	2002..	1 256 205	X
		2001..	907 717	7
		2000..	917 280	4
		1999..	666 542	3
		1998..	677 769	6
		1997..	730 878	X
325620D	Creams, lotions and oils, excluding shaving, hair, and deodorant .....	2002..	6 134 297	X
		2001..	4 775 562	2
		2000..	4 342 739	3
		1999..	4 288 651	2
		1998..	4 039 479	3
		1997..	4 129 547	X
325620G	Other cosmetics and toilet preparations .....	2002..	9 392 275	X
		2001..	8 768 997	3
		2000..	8 474 213	3
		1999..	8 084 023	2
		1998..	7 515 980	1
		1997..	7 527 193	X
325620W	Toilet preparation manufacturing, nsk, total .....	2002..	2 094 778	X
		2001..	728 401	53
		2000..	894 417	46
		1999..	839 818	42
		1998..	2 447 791	7
		1997..	1 510 359	X
325910	Printing ink manufacturing .....	2002..	4 048 046	X
		2001..	4 494 897	5
		2000..	4 572 216	5
		1999..	4 442 890	4
		1998..	4 187 755	3
		1997..	3 933 530	X
3259101	Letterpress printing inks .....	2002..	117 769	X
		2001..	143 044	4
		2000..	158 075	3
		1999..	189 513	6
		1998..	187 918	7
		1997..	184 336	X
3259104	Lithographic and offset inks .....	2002..	1 749 862	X
		2001..	1 870 282	7
		2000..	1 969 437	7
		1999..	1 820 818	3
		1998..	1 679 045	8
		1997..	1 680 418	X
3259107	Gravure printing inks .....	2002..	572 382	X
		2001..	594 012	8
		2000..	654 190	8
		1999..	696 071	8
		1998..	606 654	3
		1997..	572 906	X
325910A	Flexographic printing inks .....	2002..	843 623	X
		2001..	1 217 699	11
		2000..	1 066 817	10
		1999..	1 066 553	9
		1998..	818 335	6
		1997..	718 147	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
325910E	Nonimpact/digital inks .....	2002..	247 728	X
		2001..	271 239	40
		2000..	304 905	47
		1999..	226 956	46
		1998..	171 903	1
		1997..	96 034	X
325910H	All other printing inks .....	2002..	308 773	X
		2001..	257 816	13
		2000..	291 691	11
		1999..	306 527	10
		1998..	241 114	9
		1997..	228 316	X
325910W	Printing ink manufacturing, nsk, total .....	2002..	207 909	X
		2001..	140 806	51
		2000..	127 101	56
		1999..	136 453	50
		1998..	482 786	1
		1997..	453 373	X
325920	Explosives manufacturing .....	2002..	896 379	X
		2001..	1 006 910	9
		2000..	1 027 183	10
		1999..	859 663	6
		1998..	1 065 842	3
		1997..	1 242 257	X
3259200	Explosives .....	2002..	896 379	X
		2001..	1 006 910	9
		2000..	1 027 183	10
		1999..	859 663	6
		1998..	1 065 842	3
		1997..	1 242 257	X
325991	Custom compounding of purchased resins .....	2002..	7 049 515	X
		2001..	6 708 620	4
		2000..	7 407 784	4
		1999..	7 241 383	4
		1998..	7 419 539	1
		1997..	7 338 126	X
3259911	Custom compounding of purchased resins and color concentrates .....	2002..	5 729 573	X
		2001..	5 770 002	3
		2000..	6 489 153	2
		1999..	6 255 210	2
		1998..	6 094 892	1
		1997..	5 773 884	X
3259912	Resins in the form of pellets from spent or post consumer plastics .....	2002..	519 828	X
		2001..	624 971	4
		2000..	607 762	4
		1999..	568 946	3
		1998..	445 527	3
		1997..	501 958	X
325991W	Custom compounding of purchased resins, nsk, total .....	2002..	800 114	X
		2001..	313 647	71
		2000..	310 870	72
		1999..	417 228	52
		1998..	879 120	6
		1997..	1 062 284	X
325992	Photographic film, paper, plate, and chemical manufacturing .....	2002..	9 055 136	X
		2001..	9 766 013	1
		2000..	11 865 655	1
		1999..	12 266 747	1
		1998..	10 130 469	1
		1997..	11 936 605	X
3259921	Photographic sensitized film, plates, paper, and cloth, silver halide type (excluding X-ray) .....	2002..	5 041 491	X
		2001..	5 344 397	1
		2000..	6 780 240	1
		1999..	7 092 749	1
		1998..	5 200 237	1
		1997..	6 840 400	X
3259923	Sensitized photographic film, plates, paper, and cloth, other than silver halide type (including X-ray) .....	2002..	1 858 098	X
		2001..	2 595 784	2
		2000..	2 737 563	2
		1999..	2 667 876	2
		1998..	2 713 084	1
		1997..	2 843 490	X
3259925	Prepared photographic chemicals .....	2002..	1 904 095	X
		2001..	1 654 948	1
		2000..	2 178 576	1
		1999..	2 277 620	1
		1998..	2 005 017	1
		1997..	2 136 630	X
325992W	Photographic film, paper, plate, and chemical manufacturing, nsk, total .....	2002..	251 452	X
		2001..	170 884	10
		2000..	169 275	9
		1999..	228 502	6
		1998..	212 132	1
		1997..	116 085	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
325998	All other miscellaneous chemical product and preparation manufacturing .....	2002..	12 435 915	X
		2001..	11 908 687	6
		2000..	12 310 097	6
		1999..	11 820 862	5
		1998..	12 062 220	1
		1997..	11 803 709	X
3259981	Evaporated salt (bulk, pressed blocks, and packaged), excluding table salt .....	2002..	636 898	X
		2001..	417 156	43
		2000..	407 506	41
		1999..	604 527	7
		1998..	517 256	1
		1997..	433 269	X
3259984	Matches .....	2002..	49 997	X
		2001..	42 097	30
		2000..	40 089	32
		1999..	49 427	24
		1998..	63 341	1
		1997..	62 665	X
3259987	Gelatin, excluding ready-to-eat desserts .....	2002..	521 432	X
		2001..	519 703	6
		2000..	485 464	1
		1999..	518 529	1
		1998..	457 669	1
		1997..	445 300	X
325998A	Water treating compounds .....	2002..	2 576 529	X
		2001..	2 561 099	6
		2000..	2 200 806	6
		1999..	1 941 205	5
		1998..	2 051 911	4
		1997..	2 087 398	X
325998E	Automotive chemicals .....	2002..	991 895	X
		2001..	878 376	13
		2000..	965 916	12
		1999..	890 304	9
		1998..	787 000	4
		1997..	683 669	X
325998J	All other chemical preparations, including essential oils and water-treating compounds .....	2002..	6 366 126	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
325998W	All other miscellaneous chemical product and preparation manufacturing, nsk, total .....	2002..	1 293 038	X
		2001..	761 334	50
		2000..	760 264	50
		1999..	934 385	41
		1998..	1 796 433	3
		1997..	1 592 589	X
326111	Plastics bag manufacturing .....	2002..	7 610 639	X
		2001..	8 105 287	2
		2000..	8 037 959	2
		1999..	7 767 091	2
		1998..	7 487 323	2
		1997..	6 950 803	X
3261111	Single-web film specialty bags, pouches, and liners .....	2002..	6 729 292	X
		2001..	6 983 858	2
		2000..	6 956 813	2
		1999..	6 662 331	2
		1998..	6 355 535	2
		1997..	6 019 915	X
3261113	Multiweb film/film combination specialty bags, pouches, and liners .....	2002..	621 336	X
		2001..	754 870	8
		2000..	728 753	5
		1999..	699 522	4
		1998..	670 187	8
		1997..	427 192	X
326111W	Plastics bag manufacturing, nsk, total .....	2002..	260 011	X
		2001..	366 559	14
		2000..	352 393	14
		1999..	405 238	13
		1998..	461 602	5
		1997..	503 696	X
326112	Plastics packaging film and sheet (including laminated) manufacturing .....	2002..	6 138 352	X
		2001..	4 500 063	3
		2000..	4 633 956	3
		1999..	4 284 522	3
		1998..	3 835 057	2
		1997..	3 458 576	X
3261121	Single-web film, rolls, and sheets, including coextruded, for flexible packaging uses .....	2002..	3 651 730	X
		2001..	2 484 302	5
		2000..	2 648 530	4
		1999..	2 349 732	4
		1998..	1 886 919	1
		1997..	1 844 318	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3261123	Film/film multiweb laminated rolls and sheets, except foil, for flexible packaging uses .....	2002..	2 371 604	X
		2001..	1 892 683	4
		2000..	1 868 018	4
		1999..	1 783 665	4
		1998..	1 685 776	3
		1997..	1 400 302	X
326112W	Plastics packaging film and sheet (including laminated) manufacturing, nsk, total .....	2002..	115 018	X
		2001..	123 078	25
		2000..	117 408	26
		1999..	151 125	22
		1998..	262 362	8
		1997..	213 956	X
326113	Unlaminated plastics film and sheet (except packaging) manufacturing .....	2002..	14 545 238	X
		2001..	13 859 520	2
		2000..	14 580 310	3
		1999..	14 018 333	3
		1998..	13 695 905	1
		1997..	13 948 320	X
3261130	Unlaminated plastics film and sheet, excluding packaging .....	2002..	14 545 238	X
		2001..	13 859 520	2
		2000..	14 580 310	3
		1999..	14 018 333	3
		1998..	13 695 905	1
		1997..	13 948 320	X
326121	Unlaminated plastics profile shape manufacturing .....	2002..	5 400 366	X
		2001..	4 346 919	4
		2000..	4 444 742	3
		1999..	4 402 856	3
		1998..	4 264 283	2
		1997..	4 314 941	X
3261210	Unlaminated plastics profile shapes .....	2002..	5 400 366	X
		2001..	4 346 919	4
		2000..	4 444 742	3
		1999..	4 402 856	3
		1998..	4 264 283	2
		1997..	4 314 941	X
326122	Plastics pipe and pipe fitting manufacturing .....	2002..	5 329 955	X
		2001..	5 258 347	3
		2000..	5 460 911	2
		1999..	5 040 419	2
		1998..	4 898 403	4
		1997..	4 842 438	X
3261221	Plastics pipe .....	2002..	4 497 427	X
		2001..	4 188 327	3
		2000..	4 418 711	2
		1999..	4 074 357	2
		1998..	3 834 006	3
		1997..	3 805 800	X
3261223	Plastics pipe fittings and unions .....	2002..	561 107	X
		2001..	775 116	5
		2000..	767 626	5
		1999..	690 481	5
		1998..	713 027	3
		1997..	673 433	X
326122W	Plastics pipe and pipe fitting manufacturing, total .....	2002..	271 421	X
		2001..	294 904	26
		2000..	274 574	30
		1999..	275 581	28
		1998..	351 369	32
		1997..	363 205	X
326130	Laminated plastics plate, sheet (except packaging), and shape manufacturing .....	2002..	2 317 549	X
		2001..	2 411 666	5
		2000..	2 747 502	4
		1999..	2 706 403	4
		1998..	2 783 501	2
		1997..	3 049 414	X
3261300	Thermosetting plastics laminates (excluding flexible packaging) .....	2002..	2 317 549	X
		2001..	2 411 666	5
		2000..	2 747 502	4
		1999..	2 706 403	4
		1998..	2 783 501	2
		1997..	3 049 414	X
326140	Polystyrene foam product manufacturing .....	2002..	6 039 046	X
		2001..	6 605 271	6
		2000..	6 428 724	7
		1999..	5 791 018	2
		1998..	5 531 972	1
		1997..	5 011 880	X
3261401	Transportation polystyrene foam products (including seating, dash, and other interior-exterior components) .....	2002..	457 471	X
		2001..	314 054	22
		2000..	295 046	24
		1999..	313 138	23
		1998..	202 095	9
		1997..	188 849	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3261402	Packaging, polystyrene foam products .....	2002..	1 804 603	X
		2001..	1 814 958	5
		2000..	1 706 101	6
		1999..	1 483 385	3
		1998..	1 472 518	5
		1997..	1 282 519	X
3261403	Building and construction polystyrene foam products .....	2002..	1 033 216	X
		2001..	1 125 592	29
		2000..	1 203 729	28
		1999..	1 005 236	6
		1998..	882 628	1
		1997..	909 166	X
3261404	Furniture and furnishings polystyrene foam products .....	2002..	33 313	X
		2001..	134 031	16
		2000..	115 473	18
		1999..	39 947	47
		1998..	17 308	3
		1997..	19 948	X
3261405	Consumer and institutional polystyrene foam products .....	2002..	2 194 570	X
		2001..	2 564 389	4
		2000..	2 441 509	4
		1999..	2 194 106	3
		1998..	2 106 180	1
		1997..	2 000 422	X
3261406	Miscellaneous polystyrene foam products .....	2002..	230 332	X
		2001..	324 602	50
		2000..	305 646	62
		1999..	173 546	16
		1998..	179 117	4
		1997..	169 913	X
326140W	Polystyrene foam product manufacturing, nsk, total .....	2002..	285 541	X
		2001..	327 645	37
		2000..	361 221	34
		1999..	581 660	12
		1998..	672 127	5
		1997..	441 063	X
326150	Urethane and other foam product (except polystyrene) manufacturing .....	2002..	6 817 150	X
		2001..	6 539 787	6
		2000..	7 173 720	5
		1999..	7 324 457	6
		1998..	6 340 233	2
		1997..	6 266 415	X
3261501	Transportation polyurethane foam products .....	2002..	1 557 017	X
		2001..	1 707 480	20
		2000..	1 799 166	19
		1999..	1 712 020	22
		1998..	1 365 341	1
		1997..	1 274 418	X
3261502	Packaging polyurethane foam products .....	2002..	367 911	X
		2001..	351 849	15
		2000..	392 961	13
		1999..	369 355	11
		1998..	345 963	6
		1997..	356 025	X
3261503	Building and construction polyurethane foam .....	2002..	482 271	X
		2001..	410 305	8
		2000..	473 914	7
		1999..	507 690	6
		1998..	453 940	3
		1997..	481 221	X
3261504	Furniture and furnishings polyurethane foam products .....	2002..	2 517 882	X
		2001..	2 480 107	5
		2000..	2 680 776	5
		1999..	2 785 183	4
		1998..	2 433 263	1
		1997..	2 257 718	X
3261505	Consumer and institutional polyurethane foam products .....	2002..	262 012	X
		2001..	224 713	20
		2000..	217 756	17
		1999..	240 200	9
		1998..	231 696	8
		1997..	198 085	X
3261506	All other miscellaneous polyurethane foam products .....	2002..	480 076	X
		2001..	353 167	13
		2000..	397 924	12
		1999..	388 165	13
		1998..	334 923	4
		1997..	358 130	X
3261509	Products made of foam other than polystyrene or polyurethane including phenolics, vinyl and cellulose acetate, etc. ....	2002..	873 167	X
		2001..	776 755	9
		2000..	904 420	6
		1999..	962 790	5
		1998..	849 696	11
		1997..	955 303	X
326150W	Urethane and other foam product (except polystyrene) manufacturing, nsk, total .....	2002..	276 814	X
		2001..	235 410	44
		2000..	306 803	24
		1999..	359 053	21
		1998..	325 410	3

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326150W	Urethane and other foam product (except polystyrene) manufacturing, nsk, total—Con.	1997..	385 515	X
326160	Plastics bottle manufacturing .....	2002..	7 935 789	X
		2001..	8 217 167	2
		2000..	8 447 293	6
		1999..	7 182 773	2
		1998..	7 003 504	2
		1997..	6 451 880	X
3261600	Plastics bottles .....	2002..	7 935 789	X
		2001..	8 217 167	2
		2000..	8 447 293	6
		1999..	7 182 773	2
		1998..	7 003 504	2
		1997..	6 451 880	X
326191	Plastics plumbing fixture manufacturing .....	2002..	3 142 701	X
		2001..	2 792 419	5
		2000..	3 066 448	4
		1999..	2 901 926	5
		1998..	2 338 336	6
		1997..	2 249 286	X
3261910	Plastics plumbing fixtures .....	2002..	3 142 701	X
		2001..	2 792 419	5
		2000..	3 066 448	4
		1999..	2 901 926	5
		1998..	2 338 336	6
		1997..	2 249 286	X
326192	Resilient floor covering manufacturing .....	2002..	1 529 385	X
		2001..	1 465 270	3
		2000..	1 540 050	2
		1999..	1 615 588	2
		1998..	1 650 586	1
		1997..	1 647 203	X
3261920	Resilient floor coverings .....	2002..	1 529 385	X
		2001..	1 465 270	3
		2000..	1 540 050	2
		1999..	1 615 588	2
		1998..	1 650 586	1
		1997..	1 647 203	X
326199	All other plastics product manufacturing .....	2002..	70 635 052	X
		2001..	70 273 497	2
		2000..	72 278 762	2
		1999..	69 967 703	1
		1998..	64 910 567	1
		1997..	61 936 258	X
3261991	Transportation fabricated plastics products (excluding foam and reinforced plastics) .....	2002..	15 297 665	X
		2001..	15 408 837	3
		2000..	16 239 893	3
		1999..	14 792 808	2
		1998..	14 479 794	3
		1997..	12 906 473	X
3261992	Electrical and electronic fabricated plastics (excluding foam and reinforced plastics) .....	2002..	4 426 454	X
		2001..	4 655 953	7
		2000..	5 162 407	6
		1999..	4 988 221	5
		1998..	4 949 308	4
		1997..	5 285 347	X
3261993	Industrial machinery plastics products, excluding foam (including gears, bearings, bushings, cams, and other components) .....	2002..	1 362 635	X
		2001..	1 453 894	7
		2000..	1 577 212	6
		1999..	1 547 036	6
		1998..	1 263 060	6
		1997..	1 275 735	X
3261994	Plastics packaging (excluding film and sheet, foam, and bottles) .....	2002..	9 073 403	X
		2001..	9 378 053	5
		2000..	9 102 256	3
		1999..	8 861 110	2
		1998..	8 315 968	1
		1997..	8 369 157	X
3261995	Plastics dinnerware, tableware, kitchenware, and oven-microwave ware (excluding foam and cups) .....	2002..	2 131 191	X
		2001..	2 226 162	13
		2000..	2 319 520	21
		1999..	2 017 698	9
		1998..	1 755 075	2
		1997..	1 676 248	X
326199B	Consumer, institutional, and commercial fabricated plastics products (excluding foam and wire coated) .....	2002..	16 344 984	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics) .....	2002..	9 409 251	X
		2001..	8 748 147	3
		2000..	8 972 070	3
		1999..	8 513 707	2
		1998..	7 346 558	2

See footnotes at end of table.

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3261998	Building and construction fabricated plastics products (excluding foam, plumbing fixtures, hardware, or reinforced plastics)—Con.	1997.. 6 995 294	X
3261999	Plastics shoe products, including taps, soles, and quarterlinings.....	2002.. 145 974 2001.. 150 378 2000.. 166 711 1999.. 233 985 1998.. 204 574 1997.. 189 826	X 17 16 14 4 X
326199A	All other reinforced and fiberglass plastics products .....	2002.. 5 348 806 2001.. 5 416 748 2000.. 5 235 046 1999.. 5 295 279 1998.. 5 253 315 1997.. 4 960 629	X 8 3 3 3 X
326199W	All other plastics product manufacturing, nsk, total .....	2002.. 7 094 689 2001.. 6 743 342 2000.. 6 818 510 1999.. 7 880 290 1998.. 7 071 801 1997.. 6 407 900	X 12 13 5 2 X
326211	Tire manufacturing (except retreading) .....	2002.. 12 789 899 2001.. 13 190 883 2000.. 14 295 314 1999.. 13 800 089 1998.. 13 955 887 1997.. 14 326 101	X 3 3 1 1 X
3262111	Passenger car pneumatic tires (casings) .....	2002.. 6 240 162 2001.. 6 731 683 2000.. 6 580 725 1999.. 6 245 049 1998.. 6 234 389 1997.. 6 677 438	X 6 6 2 1 X
3262113	Truck and bus (including off-the-highway pneumatic tires) .....	2002.. 4 440 885 2001.. 4 447 359 2000.. 5 323 178 1999.. 5 251 032 1998.. 5 319 622 1997.. 5 157 561	X 1 1 1 1 X
3262117	Tractor and implement (farm and industrial) pneumatic tires .....	2002.. 492 224 2001.. 493 488 2000.. 624 863 1999.. 591 767 1998.. 739 132 1997.. 807 777	X 1 1 1 1 X
3262119	Industrial and utility pneumatic tires (including garden) .....	2002.. 234 814 2001.. 170 351 2000.. 215 816 1999.. 215 464 1998.. 220 546 1997.. 190 015	X 1 1 1 5 X
326211B	Other pneumatic tires and casing including motor bike, motorcycle, moped, bicycle, aircraft, and mobile home .....	2002.. 237 739 2001.. 184 822 2000.. 232 569 1999.. 218 303 1998.. 204 821 1997.. 200 260	X 8 5 3 1 X
326211D	Solid and semipneumatic tires .....	2002.. D 2001.. 167 430 2000.. 200 999 1999.. 196 374 1998.. 188 112 1997.. 169 779	X 10 7 7 9 X
326211F	Inner tubes .....	2002.. D 2001.. 78 222 2000.. 106 714 1999.. 128 975 1998.. 134 845 1997.. 144 418	X 22 10 4 1 X
326211H	Tread rubber, tire sundries, and repair materials .....	2002.. 721 242 2001.. 860 903 2000.. 946 739 1999.. 889 634 1998.. 814 877 1997.. 870 252	X 10 9 7 3 X
326211W	Tires manufacturing (except retreading), nsk, total .....	2002.. 172 650 2001.. 56 625 2000.. 63 712 1999.. 63 491 1998.. 99 543 1997.. 108 601	X 6 5 6 13 X
326212	Tire retreading.....	2002.. 854 104 2001.. 852 398 2000.. 822 381 1999.. 820 416 1998.. 830 718 1997.. 785 747	X 5 4 4 4 X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3262120	Tire rebuilding and retreading .....	2002..	854 104	X
		2001..	852 398	5
		2000..	822 381	4
		1999..	820 416	4
		1998..	830 718	4
		1997..	785 747	X
326220	Rubber and plastics hoses and belting manufacturing .....	2002..	3 895 246	X
		2001..	3 697 444	3
		2000..	4 007 903	3
		1999..	4 164 545	3
		1998..	4 022 282	1
		1997..	3 893 536	X
3262201	Flat rubber and plastics belts and belting .....	2002..	645 137	X
		2001..	689 451	7
		2000..	611 649	9
		1999..	589 307	10
		1998..	667 950	5
		1997..	611 106	X
3262202	Rubber and plastics transmission belts and belting other than flat .....	2002..	768 744	X
		2001..	665 938	1
		2000..	680 214	2
		1999..	851 586	1
		1998..	903 802	1
		1997..	813 666	X
3262203	Hose for on- and off-highway motor vehicles (made of rubber and other materials) (including plastics and nylon) .....	2002..	835 074	X
		2001..	948 044	4
		2000..	1 180 402	4
		1999..	1 224 328	3
		1998..	933 799	1
		1997..	948 356	X
3262204	Industrial rubber and plastics hose without fittings (acid and chemical handling, food and beverage, petroleum curb pump, dock, transfer, and other industrial hose) .....	2002..	547 429	X
		2001..	505 181	10
		2000..	546 045	10
		1999..	495 907	11
		1998..	477 091	2
		1997..	453 363	X
3262205	Rubber and plastics water hose (including fire, irrigation, water suction-discharge, and other water hose) .....	2002..	170 411	X
		2001..	108 723	9
		2000..	111 699	5
		1999..	104 133	8
		1998..	117 153	15
		1997..	136 684	X
3262206	Rubber and plastics garden hose (with or without fittings) .....	2002..	349 074	X
		2001..	339 864	14
		2000..	386 817	11
		1999..	385 186	13
		1998..	273 414	8
		1997..	229 985	X
3262207	Rubber and plastics inner tube type air hose (other than pneumatic power transfer) .....	2002..	84 063	X
		2001..	63 987	19
		2000..	95 213	13
		1999..	101 076	12
		1998..	109 355	1
		1997..	108 426	X
3262208	All other pneumatic and hydraulic hose, without fittings, made of rubber and other materials (plastics, nylon, etc.) .....	2002..	332 285	X
		2001..	305 812	4
		2000..	320 697	6
		1999..	310 759	2
		1998..	412 774	9
		1997..	496 526	X
326220W	Rubber and plastics hoses and belting manufacturing, nsk, total .....	2002..	163 029	X
		2001..	70 444	17
		2000..	75 167	16
		1999..	102 264	27
		1998..	126 944	1
		1997..	95 424	X
326291	Rubber product manufacturing for mechanical use .....	2002..	6 872 255	X
		2001..	6 297 851	2
		2000..	7 041 251	2
		1999..	7 218 288	2
		1998..	6 619 477	2
		1997..	6 247 657	X
3262911	Molded rubber mechanical goods automotive .....	2002..	3 132 736	X
		2001..	2 602 923	4
		2000..	2 856 971	4
		1999..	2 887 624	4
		1998..	2 507 761	1
		1997..	2 288 382	X
3262912	Molded rubber mechanical goods, transportation (excluding automotive) and off-highway machinery and equipment .....	2002..	630 616	X
		2001..	439 191	11
		2000..	513 498	8
		1999..	551 761	7
		1998..	654 551	14
		1997..	547 974	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3262913	Other molded rubber mechanical goods .....	2002..	1 066 940	X
		2001..	1 228 950	5
		2000..	1 296 851	4
		1999..	1 224 013	4
		1998..	1 156 082	9
		1997..	1 240 962	X
3262914	Extruded rubber mechanical goods, automotive, excluding tubing .....	2002..	1 116 982	X
		2001..	1 093 218	3
		2000..	1 358 155	2
		1999..	1 500 917	2
		1998..	1 347 691	2
		1997..	1 225 339	X
3262915	Other extruded rubber mechanical goods (excluding automotive) .....	2002..	412 021	X
		2001..	530 346	9
		2000..	602 935	7
		1999..	617 638	6
		1998..	510 161	11
		1997..	528 983	X
3262916	Lathe-cut rubber mechanical goods, automotive and transportation (including on- and off-road, and gasoline and diesel equipment) .....	2002..	53 607	X
		2001..	110 318	7
		2000..	120 637	9
		1999..	122 974	9
		1998..	106 604	1
		1997..	104 622	X
3262917	Other lathe-cut rubber mechanical goods (excluding automotive and transportation) .....	2002..	84 208	X
		2001..	72 929	15
		2000..	75 557	12
		1999..	89 134	9
		1998..	85 559	1
		1997..	87 325	X
326291W	Rubber product manufacturing for mechanical use, nsk, total .....	2002..	375 145	X
		2001..	219 976	22
		2000..	216 647	22
		1999..	224 227	21
		1998..	251 069	12
		1997..	224 070	X
326299	All other rubber product manufacturing .....	2002..	6 278 143	X
		2001..	7 422 399	5
		2000..	8 039 061	3
		1999..	7 861 009	3
		1998..	7 985 919	2
		1997..	7 788 382	X
3262991	Rubber sponge, expanded and foam rubber products .....	2002..	785 221	X
		2001..	1 106 614	6
		2000..	1 238 685	6
		1999..	1 228 246	4
		1998..	1 126 338	3
		1997..	1 183 712	X
3262993	Rubber floor and wall coverings .....	2002..	634 381	X
		2001..	836 310	31
		2000..	834 017	18
		1999..	709 402	10
		1998..	769 866	2
		1997..	717 181	X
3262994	Shoe products, rubber, elastomer resin .....	2002..	75 309	X
		2001..	79 841	45
		2000..	84 763	40
		1999..	67 081	36
		1998..	144 958	1
		1997..	131 345	X
326299A	Rubber druggist and medical sundries, excluding household gloves .....	2002..	471 268	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3262996	Rubber compounds or mixtures for sale or interplant transfer .....	2002..	1 767 699	X
		2001..	1 729 458	5
		2000..	1 920 653	4
		1999..	1 672 530	4
		1998..	1 545 745	1
		1997..	1 549 610	X
3262997	All other industrial rubber products .....	2002..	1 309 842	X
		2001..	1 846 185	5
		2000..	1 980 940	5
		1999..	1 900 243	4
		1998..	1 860 930	5
		1997..	1 753 580	X
326299B	All other miscellaneous rubber goods .....	2002..	625 695	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
326299W	All other rubber product manufacturing, nsk, total .....	2002..	608 728	X
		2001..	238 657	56
		2000..	284 658	47
		1999..	433 529	29
		1998..	615 788	4

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Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
326299W	All other rubber product manufacturing, nsk, total—Con.	1997..	468 323	X
327111	Vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	979 448 990 540 1 087 212 1 061 966 1 103 069 984 343	X 6 5 5 1 X
3271110	Vitreous plumbing fixtures .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	979 448 990 540 1 087 212 1 061 966 1 103 069 984 343	X 6 5 5 1 X
327112	Vitreous china, fine earthenware, and other pottery product manufacturing .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	895 014 1 164 367 1 356 087 1 447 768 1 475 544 1 489 643	X 5 5 4 2 X
3271121	Vitreous china, porcelain, and earthenware (semivitreous) table and kitchenware (including household, hotel, or commercial uses) (including bone and feldspar) .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	327 599 330 236 344 063 396 041 421 258 418 642	X 12 11 4 1 X
3271125	All other pottery products (including china decorated for the trade) .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	496 515 N N N N N	X N N N N X
327112W	Vitreous china, fine earthenware, and other pottery product manufacturing, nsk, total .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	70 900 54 871 70 871 71 370 88 977 65 220	X 10 16 14 1 X
327113	Porcelain electrical supply manufacturing .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	1 065 065 1 110 804 1 316 244 1 235 439 1 238 527 1 208 806	X 4 4 3 3 X
3271130	Porcelain, steatite, and other ceramic electrical products .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	1 065 065 1 110 804 1 316 244 1 235 439 1 238 527 1 208 806	X 4 4 3 3 X
327121	Brick and structural clay tile manufacturing .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	1 762 476 1 684 510 1 714 549 1 673 310 1 399 062 1 336 425	X 3 3 3 3 X
3271210	Brick and structural clay tile .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	1 762 476 1 684 510 1 714 549 1 673 310 1 399 062 1 336 425	X 3 3 3 3 X
327122	Ceramic wall and floor tile manufacturing .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	905 585 1 013 398 913 376 912 028 762 761 804 762	X 8 7 7 2 X
3271220	Clay floor and wall tile, glazed and unglazed (including quarry tile and ceramic mosaic tile) .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	905 585 1 013 398 913 376 912 028 762 761 804 762	X 8 7 7 2 X
327123	Other structural clay product manufacturing .....	2002.. 2001.. 2000.. 1999.. 1998.. 1997..	188 875 137 632 139 639 133 920 133 598 120 284	X 5 5 6 1 X
3271231	Vitrified clay sewer pipe and fittings .....	2002.. 2001.. 2000.. 1999.. 1998..	50 407 51 235 51 578 49 983 46 531	X 1 1 1 1

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Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3271231	Vitrified clay sewer pipe and fittings—Con.	1997..	46 531	X
3271234	All other structural clay products (architectural terra cotta, drain tile, flue tile, roofing tile, conduit, etc.), except clay refractories .....	2002..	134 452	X
		2001..	83 361	6
		2000..	83 686	7
		1999..	79 561	8
		1998..	72 655	2
		1997..	63 929	X
327123W	Other structural clay product manufacturing, nsk, total .....	2002..	4 016	X
		2001..	3 036	A
		2000..	4 375	87
		1999..	4 375	A
		1998..	14 412	1
		1997..	9 824	X
327124	Clay refractory manufacturing .....	2002..	842 358	X
		2001..	763 396	9
		2000..	878 091	7
		1999..	938 675	5
		1998..	1 076 300	1
		1997..	1 107 905	X
3271240	Clay refractories .....	2002..	842 358	X
		2001..	763 396	9
		2000..	878 091	7
		1999..	938 675	5
		1998..	1 076 300	1
		1997..	1 107 905	X
327125	Nonclay refractory manufacturing .....	2002..	990 826	X
		2001..	1 280 856	7
		2000..	1 372 590	7
		1999..	1 466 643	6
		1998..	1 367 487	1
		1997..	1 480 190	X
3271250	Nonclay refractories (except dead-burned magnesia) .....	2002..	990 826	X
		2001..	1 280 856	9
		2000..	1 372 590	7
		1999..	1 466 643	6
		1998..	1 367 487	1
		1997..	1 480 190	X
327211	Flat glass manufacturing .....	2002..	2 690 928	X
		2001..	2 585 025	1
		2000..	2 868 523	1
		1999..	2 693 785	1
		1998..	2 607 026	1
		1997..	2 669 034	X
3272111	Flat glass (float, sheet, and plate process), made by flat glass producers .....	2002..	2 006 371	X
		2001..	1 835 570	1
		2000..	1 960 457	1
		1999..	1 876 268	1
		1998..	1 834 866	1
		1997..	1 888 468	X
3272114	Other glass products, made by flat glass producers .....	2002..	683 748	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
327211W	Flat glass manufacturing, nsk, total .....	2002..	809	X
		2001..	258	1
		2000..	292	1
		1999..	400	1
		1998..	5	X
		1997..	13	X
327212	Other pressed and blown glass and glassware manufacturing .....	2002..	4 831 037	X
		2001..	5 061 939	1
		2000..	5 470 903	1
		1999..	5 476 748	1
		1998..	5 937 106	3
		1997..	5 920 910	X
3272121	Glass fiber mat, textile-type, made by establishments producing glass .....	2002..	1 489 084	X
		2001..	1 504 298	1
		2000..	1 685 799	1
		1999..	1 915 811	1
		1998..	1 970 378	1
		1997..	1 939 530	X
3272123	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers .....	2002..	970 555	X
		2001..	859 301	1
		2000..	910 217	1
		1999..	949 147	1
		1998..	972 884	1
		1997..	989 377	X
3272125	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers .....	2002..	1 399 910	X
		2001..	1 556 947	1
		2000..	1 612 637	1
		1999..	1 516 555	1
		1998..	1 586 232	1
		1997..	1 697 238	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3272127	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers .....	2002..	629 964	X
		2001..	851 492	3
		2000..	950 948	1
		1999..	790 332	2
		1998..	1 052 704	17
		1997..	960 153	X
3272129	Handmade pressed and blown glassware, made by glass producers .....	2002..	118 784	X
		2001..	131 427	20
		2000..	144 179	19
		1999..	142 105	22
		1998..	171 696	1
		1997..	173 923	X
327212W	Other pressed and blown glass and glassware manufacturing, nsk, total .....	2002..	222 740	X
		2001..	158 475	4
		2000..	167 122	4
		1999..	162 798	4
		1998..	183 213	1
		1997..	160 689	X
327213	Glass container manufacturing .....	2002..	4 344 817	X
		2001..	4 209 168	1
		2000..	4 106 454	1
		1999..	4 190 042	1
		1998..	4 189 184	1
		1997..	4 176 306	X
3272130	Glass containers .....	2002..	4 344 817	X
		2001..	4 209 168	1
		2000..	4 106 454	1
		1999..	4 190 042	1
		1998..	4 189 184	1
		1997..	4 176 306	X
327215	Glass product manufacturing made of purchased glass .....	2002..	10 409 562	X
		2001..	11 216 783	2
		2000..	11 737 414	2
		1999..	10 698 353	1
		1998..	9 777 679	1
		1997..	9 699 106	X
3272151	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made from purchased glass .....	2002..	654 251	X
		2001..	647 696	7
		2000..	734 283	3
		1999..	698 896	1
		1998..	704 800	1
		1997..	539 238	X
3272153	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made from purchased glass .....	2002..	854 671	X
		2001..	881 122	3
		2000..	949 749	3
		1999..	887 558	2
		1998..	838 550	3
		1997..	911 786	X
3272155	Handmade pressed and blown glassware, made from purchased glass .....	2002..	134 678	X
		2001..	206 967	32
		2000..	200 709	31
		1999..	191 884	31
		1998..	137 161	2
		1997..	141 138	X
3272159	Mirrors (decorated and undecorated), made from purchased glass .....	2002..	1 483 981	X
		2001..	1 254 793	8
		2000..	1 230 830	6
		1999..	1 201 003	5
		1998..	1 078 206	3
		1997..	1 040 404	X
327215B	Other glass products, made from purchased glass .....	2002..	6 481 593	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
327215W	Glass product manufacturing made of purchased glass, nsk, total .....	2002..	800 388	X
		2001..	651 147	12
		2000..	659 617	15
		1999..	639 193	10
		1998..	637 128	11
		1997..	604 663	X
327310	Cement manufacturing .....	2002..	7 206 537	X
		2001..	7 275 334	1
		2000..	6 915 644	1
		1999..	6 764 912	1
		1998..	6 751 003	1
		1997..	6 350 894	X
3273100	Cement, hydraulic (including cost of shipping containers) .....	2002..	7 206 537	X
		2001..	7 275 334	1
		2000..	6 915 644	1
		1999..	6 764 912	1
		1998..	6 751 003	1
		1997..	6 350 894	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
327320	Ready-mix concrete manufacturing .....	2002..	20 480 559	X
		2001..	20 361 753	2
		2000..	19 663 705	2
		1999..	19 062 840	2
		1998..	18 122 088	1
		1997..	15 856 636	X
3273200	Ready-mix concrete .....	2002..	20 480 559	X
		2001..	20 361 753	2
		2000..	19 663 705	2
		1999..	19 062 840	2
		1998..	18 122 088	1
		1997..	15 856 636	X
327331	Concrete block and brick manufacturing .....	2002..	3 418 216	X
		2001..	3 301 827	5
		2000..	3 296 270	6
		1999..	3 289 238	6
		1998..	2 717 440	5
		1997..	2 390 150	X
3273310	Concrete block and brick .....	2002..	3 418 216	X
		2001..	3 301 827	5
		2000..	3 296 270	6
		1999..	3 289 238	6
		1998..	2 717 440	5
		1997..	2 390 150	X
327332	Concrete pipe manufacturing .....	2002..	2 345 054	X
		2001..	2 106 312	5
		2000..	2 118 833	4
		1999..	2 081 796	4
		1998..	2 070 036	10
		1997..	1 783 463	X
3273320	Concrete pipe .....	2002..	2 345 054	X
		2001..	2 106 312	5
		2000..	2 118 833	4
		1999..	2 081 796	4
		1998..	2 070 036	10
		1997..	1 783 463	X
327390	Other concrete product manufacturing .....	2002..	8 415 993	X
		2001..	8 023 585	4
		2000..	7 703 695	3
		1999..	7 050 380	2
		1998..	6 626 197	2
		1997..	5 693 565	X
3273901	Precast concrete products .....	2002..	5 392 152	X
		2001..	5 362 488	5
		2000..	5 044 382	4
		1999..	4 454 081	3
		1998..	4 124 333	3
		1997..	3 200 726	X
3273904	Prestressed concrete products .....	2002..	1 532 844	X
		2001..	2 106 953	5
		2000..	2 136 029	4
		1999..	2 020 910	4
		1998..	1 846 208	3
		1997..	1 342 329	X
327390W	Other concrete product manufacturing, nsk, total .....	2002..	1 490 997	X
		2001..	554 145	17
		2000..	523 284	18
		1999..	575 390	14
		1998..	655 656	10
		1997..	1 150 510	X
327410	Lime manufacturing .....	2002..	1 022 320	X
		2001..	1 046 476	4
		2000..	1 095 960	3
		1999..	1 204 903	3
		1998..	1 178 808	3
		1997..	1 083 038	X
3274100	Lime .....	2002..	1 022 320	X
		2001..	1 046 476	4
		2000..	1 095 960	3
		1999..	1 204 903	3
		1998..	1 178 808	3
		1997..	1 083 038	X
327420	Gypsum product manufacturing .....	2002..	3 781 980	X
		2001..	3 627 713	4
		2000..	4 545 278	3
		1999..	5 301 022	2
		1998..	5 101 491	6
		1997..	4 025 075	X
3274201	Gypsum building materials .....	2002..	2 945 382	X
		2001..	2 958 803	4
		2000..	3 745 147	3
		1999..	4 506 216	2
		1998..	4 175 037	4
		1997..	3 475 824	X
3274205	Other gypsum products .....	2002..	751 441	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
327420W	Gypsum product manufacturing, nsk, total .....	2002.. 85 157	X
		2001.. 189 795	1
		2000.. 186 402	1
		1999.. 182 876	1
		1998.. 108 476	1
		1997.. 74 404	X
327910	Abrasive product manufacturing .....	2002.. 3 299 273	X
		2001.. 3 202 174	3
		2000.. 3 780 613	3
		1999.. 3 835 057	3
		1998.. 4 037 664	3
		1997.. 4 107 840	X
3279101	Nonmetallic sized grains, powders, and flour abrasives (including graded products only) .....	2002.. 521 701	X
		2001.. 456 237	16
		2000.. 521 905	16
		1999.. 452 109	18
		1998.. 561 769	1
		1997.. 549 166	X
3279104	Nonmetallic abrasive products (including diamond abrasives) .....	2002.. 993 633	X
		2001.. 1 012 607	4
		2000.. 1 220 289	3
		1999.. 1 130 429	3
		1998.. 1 180 820	7
		1997.. 1 176 259	X
3279107	Nonmetallic coated abrasive products and buffing wheels, polishing wheels, and laps .....	2002.. 1 523 468	X
		2001.. 1 578 875	2
		2000.. 1 842 897	2
		1999.. 2 051 726	2
		1998.. 2 049 331	1
		1997.. 2 026 254	X
327910A	Metal abrasives including steel and iron grid, shot, and sand, and other metal abrasives .....	2002.. 130 580	X
		2001.. 119 689	1
		2000.. 126 739	2
		1999.. 117 423	1
		1998.. 124 686	19
		1997.. 136 642	X
327910W	Abrasive product manufacturing, nsk, total .....	2002.. 129 891	X
		2001.. 34 765	A
		2000.. 68 782	93
		1999.. 83 371	77
		1998.. 121 058	73
		1997.. 219 519	X
327991	Cut stone and stone product manufacturing .....	2002.. 2 195 673	X
		2001.. 1 644 194	5
		2000.. 1 557 411	5
		1999.. 1 413 169	11
		1998.. 1 249 203	4
		1997.. 1 191 627	X
3279911	Dressed dimension granite (including gneiss, syenite, diorite, and cut granite) .....	2002.. 863 456	X
		2001.. 558 798	7
		2000.. 564 438	7
		1999.. 664 401	23
		1998.. 544 188	4
		1997.. 539 053	X
3279914	Dressed dimension limestone (including dolomite, travertine, calcareous, tufa, and cut limestone) .....	2002.. 282 021	X
		2001.. 235 659	10
		2000.. 221 169	10
		1999.. 204 827	9
		1998.. 212 160	17
		1997.. 174 012	X
3279917	Dressed dimension marble and other stone .....	2002.. 410 614	X
		2001.. 330 483	14
		2000.. 326 497	11
		1999.. 301 888	10
		1998.. 222 895	7
		1997.. 236 032	X
327991W	Cut stone and stone product manufacturing, nsk, total .....	2002.. 639 582	X
		2001.. 519 254	9
		2000.. 445 308	10
		1999.. 242 052	16
		1998.. 269 960	5
		1997.. 242 530	X
327992	Ground or treated mineral and earth manufacturing .....	2002.. 1 979 182	X
		2001.. 2 123 571	5
		2000.. 2 178 600	4
		1999.. 2 108 356	3
		1998.. 2 134 332	7
		1997.. 2 257 159	X
3279920	Treated minerals and earths .....	2002.. 1 979 182	X
		2001.. 2 123 571	5
		2000.. 2 178 600	4
		1999.. 2 108 356	3
		1998.. 2 134 332	7
		1997.. 2 257 159	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
327993	Mineral wool manufacturing .....	2002..	4 749 510	X
		2001..	4 526 207	3
		2000..	4 535 878	2
		1999..	4 479 729	1
		1998..	4 298 841	4
		1997..	4 277 880	X
3279931	Mineral wool for thermal and acoustical envelope insulation (for homes and commercial, and industrial buildings) .....	2002..	2 941 434	X
		2001..	3 244 286	3
		2000..	3 233 924	2
		1999..	3 165 006	1
		1998..	2 931 018	5
		1997..	2 987 004	X
3279934	Mineral wool for industrial, equipment, and appliance insulation .....	2002..	1 406 224	X
		2001..	1 125 540	8
		2000..	1 147 210	6
		1999..	1 164 231	4
		1998..	1 213 775	2
		1997..	1 147 892	X
327993W	Mineral wool manufacturing, nsk, total .....	2002..	401 852	X
		2001..	156 382	1
		2000..	154 744	1
		1999..	150 492	1
		1998..	154 047	11
		1997..	142 984	X
327999	All other nonmetallic mineral product manufacturing .....	2002..	1 837 714	X
		2001..	1 609 732	8
		2000..	1 667 156	6
		1999..	1 595 846	5
		1998..	1 727 326	4
		1997..	1 681 755	X
3279990	All other nonmetallic mineral products .....	2002..	1 837 714	X
		2001..	1 609 732	8
		2000..	1 667 156	6
		1999..	1 595 846	5
		1998..	1 727 326	4
		1997..	1 681 755	X
331111	Iron and steel mills .....	2002..	44 399 530	X
		2001..	43 986 147	1
		2000..	50 056 435	1
		1999..	49 792 974	1
		1998..	53 570 204	1
		1997..	56 344 117	X
3311111	Coke oven and blast furnace products, made in steel mills .....	2002..	947 986	X
		2001..	1 508 416	15
		2000..	1 714 794	12
		1999..	2 511 668	7
		1998..	2 554 447	1
		1997..	2 450 291	X
3311113	Steel ingots and semifinished shapes and forms, made in steel mills .....	2002..	3 569 641	X
		2001..	3 074 237	1
		2000..	3 951 933	1
		1999..	3 811 406	1
		1998..	4 446 399	1
		1997..	4 377 169	X
3311115	Hot rolled steel sheet and strip (including tin mill products, tinplate, blackplate, terneplate, and tin-free steel), made in steel mills .....	2002..	15 801 781	X
		2001..	17 464 348	1
		2000..	18 257 710	1
		1999..	19 015 202	1
		1998..	19 999 370	1
		1997..	22 060 627	X
3311117	Hot rolled steel bars and bar shapes, plates, structural shapes, and piling (including concrete reinforcing and tool steel bars), made in steel mills .....	2002..	10 735 366	X
		2001..	9 932 885	3
		2000..	12 110 946	2
		1999..	12 127 246	1
		1998..	13 496 298	2
		1997..	13 383 096	X
3311119	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars .....	2002..	591 422	X
		2001..	304 110	11
		2000..	414 941	9
		1999..	406 388	1
		1998..	425 683	1
		1997..	444 682	X
331111B	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate .....	2002..	1 885 144	X
		2001..	2 193 019	4
		2000..	1 978 380	4
		1999..	1 742 894	5
		1998..	2 021 490	1
		1997..	2 734 679	X
331111D	Cold rolled steel sheet and strip, made in steel mills producing hot rolled sheet or strip .....	2002..	9 376 406	X
		2001..	7 225 303	1
		2000..	8 930 333	1
		1999..	7 907 646	1
		1998..	8 174 021	1
		1997..	8 541 551	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
331111F	Cold finished steel bars and bar shapes, made in steel mills producing hot rolled bars and bar shapes .....	2002..	629 132	X
		2001..	877 334	2
		2000..	1 022 916	1
		1999..	893 587	2
		1998..	949 442	2
		1997..	935 511	X
331111H	Seamless rolled ring forgings, ferrous, made in steel mills .....	2002..	75 703	X
		2001..	D	S
		2000..	D	S
		1999..	D	S
		1998..	D	S
		1997..	D	X
331111J	Open die and smith forgings (hammer and press), ferrous, made in steel mills .....	2002..	182 850	X
		2001..	D	S
		2000..	D	S
		1999..	D	S
		1998..	D	S
		1997..	D	X
331111L	Other steel mill products, including steel rails, except wire products .....	2002..	568 526	X
		2001..	393 153	3
		2000..	496 377	3
		1999..	442 163	3
		1998..	648 663	1
		1997..	585 921	X
331111W	Iron and steel mills, nsk, total .....	2002..	35 573	X
		2001..	414 283	5
		2000..	517 480	5
		1999..	286 565	7
		1998..	62 030	6
		1997..	42 277	X
331112	Electrometallurgical ferroalloy product manufacturing .....	2002..	759 383	X
		2001..	696 343	6
		2000..	803 112	3
		1999..	863 041	4
		1998..	1 181 041	1
		1997..	1 130 049	X
3311121	Ferrochromium, including briquettes, ferrochromium silicon, exothermic chromium additives, and other chromium alloys .....	2002..	—	X
		2001..	D	S
		2000..	D	S
		1999..	D	S
		1998..	D	S
		1997..	D	X
3311123	Ferrosilicon, including briquettes, and other silicon alloys .....	2002..	165 229	X
		2001..	138 332	1
		2000..	168 831	1
		1999..	171 134	1
		1998..	367 910	1
		1997..	357 627	X
3311125	Other ferroalloys .....	2002..	594 154	X
		2001..	D	S
		2000..	D	S
		1999..	D	S
		1998..	D	S
		1997..	D	X
331112W	Electrometallurgical ferroalloy product manufacturing, nsk, total .....	2002..	—	X
		2001..	9 087	1
		2000..	646	A
		1999..	811	1
		1998..	1 597	1
		1997..	—	X
331210	Iron and steel pipe and tube manufacturing from purchased steel .....	2002..	6 958 267	X
		2001..	6 624 446	2
		2000..	7 524 715	2
		1999..	7 086 792	2
		1998..	7 355 323	1
		1997..	7 267 491	X
3312100	Iron and steel pipes and tubes, made from purchased iron and steel .....	2002..	6 958 267	X
		2001..	6 624 446	2
		2000..	7 524 715	2
		1999..	7 086 792	2
		1998..	7 355 323	1
		1997..	7 267 491	X
331221	Rolled steel shape manufacturing .....	2002..	5 575 826	X
		2001..	4 150 347	2
		2000..	6 707 469	1
		1999..	6 476 681	1
		1998..	7 250 123	1
		1997..	5 714 148	X
3312211	Cold rolled steel sheet and strip, made from purchased steel .....	2002..	4 014 025	X
		2001..	2 876 471	2
		2000..	5 172 243	1
		1999..	5 104 858	1
		1998..	5 572 229	1
		1997..	4 101 917	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3312213	Cold finished steel bars and bar shapes, made from purchased steel .....	2002..	1 113 176	X
		2001..	1 086 934	6
		2000..	1 366 063	4
		1999..	1 269 066	4
		1998..	1 580 201	2
		1997..	1 592 402	X
3312215	Iron and steel powders, paste, and flakes, made from purchased steel .....	2002..	396 588	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
331221W	Rolled steel shape manufacturing, nsk, total .....	2002..	52 037	X
		2001..	186 942	1
		2000..	169 163	2
		1999..	102 757	1
		1998..	97 693	1
		1997..	19 829	X
331222	Steel wire drawing .....	2002..	4 096 358	X
		2001..	4 668 243	2
		2000..	4 802 256	1
		1999..	4 810 446	1
		1998..	5 030 781	1
		1997..	4 962 274	X
3312221	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made in plants that draw wire .....	2002..	868 100	X
		2001..	834 945	6
		2000..	891 805	3
		1999..	892 440	3
		1998..	959 395	1
		1997..	977 995	X
3312223	Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire .....	2002..	266 261	X
		2001..	618 891	4
		2000..	425 088	6
		1999..	442 337	5
		1998..	463 589	6
		1997..	446 963	X
3312225	Steel wire, including galvanized and other coated wire, made in plants that draw wire .....	2002..	1 757 059	X
		2001..	1 812 101	3
		2000..	1 925 866	1
		1999..	1 885 677	1
		1998..	2 009 943	2
		1997..	1 996 859	X
3312227	Steel fencing and fence gates, made in plants that draw wire .....	2002..	299 653	X
		2001..	411 326	5
		2000..	345 782	5
		1999..	348 852	4
		1998..	420 917	5
		1997..	401 723	X
3312229	Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire .....	2002..	62 598	X
		2001..	52 485	27
		2000..	84 521	21
		1999..	74 984	9
		1998..	106 957	1
		1997..	102 048	X
331222B	Other ferrous wire products (excluding springs), made in plants that draw wire .....	2002..	680 911	X
		2001..	796 689	6
		2000..	995 237	3
		1999..	1 057 598	3
		1998..	949 143	3
		1997..	978 695	X
331222W	Steel wire drawing, nsk, total .....	2002..	161 776	X
		2001..	141 806	9
		2000..	133 957	10
		1999..	108 559	11
		1998..	120 836	11
		1997..	57 991	X
331311	Alumina refining .....	2002..	558 081	X
		2001..	690 236	5
		2000..	992 959	3
		1999..	1 005 646	1
		1998..	1 104 425	1
		1997..	1 019 017	X
3313110	Aluminum oxide, except natural alumina .....	2002..	558 081	X
		2001..	690 236	5
		2000..	992 959	3
		1999..	1 005 646	1
		1998..	1 104 425	X
		1997..	1 019 017	X
331312	Primary aluminum production .....	2002..	4 685 751	X
		2001..	5 056 891	1
		2000..	6 063 471	1
		1999..	5 652 239	1
		1998..	6 124 780	1
		1997..	6 116 371	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3313120	Aluminum ingot, including billet, made in primary aluminum reduction plants .....	2002.. 4 685 751	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
331314	Secondary smelting and alloying of aluminum .....	2002.. 3 422 555	X
		2001.. 2 931 959	4
		2000.. 3 276 337	4
		1999.. 3 147 381	3
		1998.. 3 278 248	2
		1997.. 3 357 627	X
3313142	Aluminum ingot, including billet, made by secondary smelters .....	2002.. 2 952 464	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3313145	Aluminum and aluminum-base alloy powders, paste, and flakes from purchased aluminum .....	2002.. 320 403	X
		2001.. 195 606	18
		2000.. 203 941	17
		1999.. 176 113	15
		1998.. 252 363	1
		1997.. 194 538	X
331314W	Secondary smelting and alloying of aluminum, nsk, total .....	2002.. 149 688	X
		2001.. 83 355	65
		2000.. 99 697	58
		1999.. 80 046	68
		1998.. 147 182	7
		1997.. 73 017	X
331315	Aluminum sheet, plate, and foil manufacturing .....	2002.. 10 817 188	X
		2001.. 10 476 200	2
		2000.. 11 689 134	2
		1999.. 11 568 640	2
		1998.. 11 699 722	1
		1997.. 12 483 031	X
3313151	Aluminum plate (thickness of 0.25 in. or more), including continuous cast .....	2002.. 589 429	X
		2001.. 683 626	7
		2000.. 758 696	6
		1999.. 860 560	5
		1998.. 922 418	1
		1997.. 923 131	X
3313153	Aluminum sheet and strip, including continuous cast .....	2002.. 9 206 911	X
		2001.. 8 784 568	2
		2000.. 9 721 631	2
		1999.. 9 592 091	2
		1998.. 9 665 596	1
		1997.. 10 514 924	X
3313155	Plain aluminum foil (less than .006 in. thick) .....	2002.. 838 027	X
		2001.. 906 923	1
		2000.. 1 136 916	1
		1999.. 1 068 554	1
		1998.. 1 054 065	1
		1997.. 1 044 976	X
3313157	Aluminum welded tube .....	2002.. 105 930	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
331315W	Aluminum sheet, plate, and foil manufacturing, nsk, total .....	2002.. 76 891	X
		2001.. 101 084	1
		2000.. 71 892	3
		1999.. 47 435	1
		1998.. 57 643	1
		1997.. -	X
331316	Aluminum extruded product manufacturing .....	2002.. 5 407 674	X
		2001.. 5 475 189	2
		2000.. 6 074 392	2
		1999.. 5 901 508	2
		1998.. 6 037 842	1
		1997.. 5 976 360	X
3313161	Extruded aluminum rod, bar, and other extruded shapes .....	2002.. 4 731 519	X
		2001.. 4 631 434	2
		2000.. 5 168 053	2
		1999.. 5 003 424	2
		1998.. 5 138 257	1
		1997.. 5 140 725	X
3313163	Extruded and drawn aluminum tube .....	2002.. 610 371	X
		2001.. 762 235	3
		2000.. 843 404	4
		1999.. 841 795	4
		1998.. 855 504	2
		1997.. 835 635	X
331316W	Aluminum extruded product manufacturing, nsk, total .....	2002.. 65 784	X
		2001.. 81 519	1
		2000.. 62 934	7
		1999.. 56 290	1
		1998.. 44 081	1

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
331316W	Aluminum extruded product manufacturing, nsk, total—Con.	1997.. —	X
331319	Other aluminum rolling and drawing .....	2002.. 1 454 050 2001.. 1 578 960 2000.. 1 910 363 1999.. 1 846 133 1998.. 1 940 264 1997.. 2 040 545	X 3 2 2 1 X
3313192	Aluminum and aluminum-base alloy wire and cable (except covered or insulated), including ACSF, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum .....	2002.. 379 475 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
3313193	Rolled aluminum rod and bar (including continuous cast), made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum .....	2002.. 188 448 2001.. 370 557 2000.. 490 511 1999.. 458 898 1998.. 410 294 1997.. 422 473	X 2 1 1 1 X
331319D	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum .....	2002.. 304 644 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
331319E	Aluminum insulated wire and cable .....	2002.. 476 064 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
331319W	Other aluminum rolling and drawing, nsk, total .....	2002.. 105 419 2001.. 102 797 2000.. 86 146 1999.. 28 826 1998.. 52 159 1997.. 3 000	X 1 1 3 1 X
331411	Primary smelting and refining of copper .....	2002.. 2 205 347 2001.. 2 201 850 2000.. 2 773 299 1999.. 4 068 134 1998.. 4 849 992 1997.. 5 387 471	X 1 1 1 1 X
3314110	Primary smelting and refining of copper .....	2002.. 2 205 347 2001.. 2 201 850 2000.. 2 773 299 1999.. 4 068 134 1998.. 4 849 992 1997.. 5 387 471	X 1 1 1 1 X
331419	Primary smelting and refining of nonferrous metal (except copper and aluminum) .....	2002.. 2 517 039 2001.. 2 843 893 2000.. 3 040 602 1999.. 3 459 399 1998.. 3 770 011 1997.. 3 704 108	X 5 5 3 2 X
3314193	Primary smelting and refining of zinc .....	2002.. 246 553 2001.. 490 371 2000.. 542 949 1999.. 486 601 1998.. 514 909 1997.. 505 366	X 9 10 2 1 X
3314197	Primary precious metals and precious metal alloys .....	2002.. 646 552 2001.. 537 110 2000.. 549 264 1999.. 674 321 1998.. 749 501 1997.. 707 530	X 7 8 4 1 X
331419A	All other miscellaneous primary nonferrous metals .....	2002.. 1 519 949 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
331419W	Primary smelting and refining of nonferrous metal (except copper and aluminum), nsk, total .....	2002.. 103 985 2001.. 71 981 2000.. 67 468 1999.. 69 822 1998.. 149 057 1997.. 115 657	X 60 64 62 1 X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
331421	Copper rolling, drawing, and extruding .....	2002..	5 884 802	X
		2001..	5 966 020	3
		2000..	7 250 380	1
		1999..	6 802 610	1
		1998..	7 107 816	1
		1997..	7 107 699	X
3314211	Copper wire, bare and tinned (nonelectrical), made in rolling mills .....	2002..	306 884	X
		2001..	126 503	A
		2000..	237 078	43
		1999..	254 148	11
		1998..	286 633	5
		1997..	316 744	X
3314213	Copper and copper-base alloy rod, bar, and shapes .....	2002..	2 673 569	X
		2001..	2 396 170	2
		2000..	3 036 539	1
		1999..	2 772 072	1
		1998..	2 712 259	1
		1997..	2 675 502	X
3314217	Copper and copper-base alloy sheet, strip, and plate .....	2002..	1 083 062	X
		2001..	1 331 378	6
		2000..	1 821 308	1
		1999..	1 700 403	4
		1998..	1 769 519	1
		1997..	1 823 193	X
3314219	Copper and copper-base alloy pipe and tube .....	2002..	1 779 723	X
		2001..	2 065 447	1
		2000..	2 111 255	1
		1999..	2 010 013	1
		1998..	2 206 632	1
		1997..	2 270 688	X
331421W	Copper rolling, drawing, and extruding, nsk, total .....	2002..	41 564	X
		2001..	46 523	1
		2000..	44 200	1
		1999..	65 973	19
		1998..	132 773	24
		1997..	21 572	X
331422	Copper wire (except mechanical) drawing .....	2002..	2 778 954	X
		2001..	735 617	8
		2000..	824 611	6
		1999..	724 311	4
		1998..	973 894	9
		1997..	914 402	X
3314222	Copper and copper-base alloy wire, strand, and cable, made in plants that draw wire .....	2002..	711 260	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3314224	Copper wire and cable, including apparatus wire, cord, and flexible cord sets, made in copper wire drawing plants .....	2002..	1 257 062	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3314225	Copper magnet wire (except fiber optic), made in plants that draw wire .....	2002..	769 401	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
331422W	Copper wire (except mechanical) drawing, nsk, total .....	2002..	41 231	X
		2001..	56 518	1
		2000..	35 139	1
		1999..	38 086	4
		1998..	19 577	1
		1997..	-	X
331423	Secondary smelting, refining, and alloying of copper .....	2002..	625 812	X
		2001..	695 561	3
		2000..	861 840	2
		1999..	856 490	1
		1998..	1 057 953	1
		1997..	1 094 557	X
3314230	Secondary smelting, refining, and alloying of copper .....	2002..	625 812	X
		2001..	695 561	3
		2000..	861 840	2
		1999..	856 490	1
		1998..	1 057 953	1
		1997..	1 094 557	X
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	2002..	4 099 079	X
		2001..	5 568 264	3
		2000..	6 116 221	2
		1999..	6 042 095	2
		1998..	6 783 397	1
		1997..	6 800 299	X

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**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3314912	Nickel and nickel-base alloy mill shapes .....	2002..	1 052 211	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3314913	Titanium and titanium-base alloy mill shapes .....	2002..	864 536	X
		2001..	916 543	3
		2000..	899 389	3
		1999..	933 610	3
		1998..	1 554 395	1
		1997..	1 531 313	X
331491A	Precious metal mill shapes .....	2002..	687 034	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
331491D	All other nonferrous metal mill shapes .....	2002..	1 111 845	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
331491F	Apparatus wire and cord and flexible cord sets (except aluminum, copper, wiring harnesses and fiber optic), made in plants that draw wire .....	2002..	62 144	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
331491H	Magnet wire, (except aluminum and copper), made in plants that draw wire .....	2002..	14 693	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
331491W	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding, nsk, total .....	2002..	306 616	X
		2001..	169 638	46
		2000..	170 735	46
		1999..	173 476	45
		1998..	231 780	1
		1997..	212 934	X
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) .....	2002..	2 390 997	X
		2001..	2 450 218	13
		2000..	2 668 052	10
		1999..	2 619 519	8
		1998..	3 197 412	3
		1997..	3 079 695	X
3314921	Other nonferrous metal powders, paste, and flakes .....	2002..	991 329	X
		2001..	732 799	42
		2000..	856 090	28
		1999..	848 268	22
		1998..	1 064 016	6
		1997..	963 564	X
3314927	Secondary smelting, refining, and alloying of zinc .....	2002..	169 477	X
		2001..	270 999	3
		2000..	324 366	2
		1999..	305 684	1
		1998..	339 050	7
		1997..	303 964	X
3314929	Secondary precious metals and precious metal alloys .....	2002..	277 531	X
		2001..	298 748	11
		2000..	330 205	9
		1999..	338 164	6
		1998..	453 426	9
		1997..	466 533	X
331492B	All other miscellaneous secondary nonferrous metals .....	2002..	800 094	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
331492W	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum), nsk, total .....	2002..	152 566	X
		2001..	79 305	93
		2000..	49 650	A
		1999..	57 092	A
		1998..	223 744	1
		1997..	219 800	X
331511	Iron foundries .....	2002..	9 802 062	X
		2001..	10 756 919	2
		2000..	11 853 192	2
		1999..	11 820 557	2
		1998..	11 670 354	1
		1997..	11 875 995	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3315111	Ductile iron pressure pipe and fittings .....	2002..	1 590 295	X
		2001..	1 808 200	4
		2000..	1 717 226	5
		1999..	1 599 505	4
		1998..	1 592 907	1
		1997..	1 542 695	X
3315113	Other ductile iron castings .....	2002..	2 948 924	X
		2001..	3 023 480	1
		2000..	3 452 854	1
		1999..	3 480 552	1
		1998..	3 372 314	4
		1997..	3 471 990	X
3315115	Cast iron pressure pipe and fittings .....	2002..	35 398	X
		2001..	26 690	20
		2000..	39 910	11
		1999..	61 559	27
		1998..	62 255	3
		1997..	63 802	X
3315117	Cast iron soil pipe and fittings, all sizes .....	2002..	309 976	X
		2001..	295 156	1
		2000..	236 571	1
		1999..	258 784	1
		1998..	261 648	3
		1997..	254 152	X
3315119	Other gray iron castings .....	2002..	4 475 717	X
		2001..	5 178 339	5
		2000..	5 925 981	4
		1999..	5 870 985	3
		1998..	5 932 253	1
		1997..	6 055 346	X
331511A	Standard malleable iron castings .....	2002..	92 887	X
		2001..	140 483	11
		2000..	180 777	3
		1999..	189 779	1
		1998..	183 163	3
		1997..	205 659	X
331511C	Pearlitic malleable iron castings .....	2002..	130 962	X
		2001..	68 807	1
		2000..	105 809	1
		1999..	120 540	1
		1998..	115 914	1
		1997..	132 615	X
331511E	Molds and stools for heavy steel ingots .....	2002..	42 664	X
		2001..	27 884	13
		2000..	43 704	3
		1999..	44 732	3
		1998..	52 257	3
		1997..	54 305	X
331511W	Iron foundries, nsk, total .....	2002..	175 239	X
		2001..	187 881	2
		2000..	150 360	5
		1999..	194 121	6
		1998..	97 643	20
		1997..	95 431	X
331512	Steel investment foundries .....	2002..	2 124 145	X
		2001..	2 745 761	2
		2000..	2 700 470	1
		1999..	2 654 760	1
		1998..	2 338 722	1
		1997..	2 231 809	X
3315120	Steel investment castings .....	2002..	2 124 145	X
		2001..	2 745 761	2
		2000..	2 700 470	1
		1999..	2 654 760	1
		1998..	2 338 722	1
		1997..	2 231 809	X
331513	Steel foundries (except investment) .....	2002..	2 447 575	X
		2001..	2 447 647	5
		2000..	2 684 834	4
		1999..	2 979 918	3
		1998..	2 768 946	1
		1997..	2 692 742	X
3315131	Other carbon steel castings, except investment .....	2002..	1 195 916	X
		2001..	1 068 879	6
		2000..	1 103 902	5
		1999..	1 204 365	3
		1998..	1 184 179	1
		1997..	1 169 105	X
3315133	High alloy steel castings, except investment .....	2002..	608 266	X
		2001..	688 659	6
		2000..	836 780	3
		1999..	946 094	5
		1998..	751 662	1
		1997..	738 566	X
3315135	Other alloy steel castings, except investment .....	2002..	525 505	X
		2001..	592 369	14
		2000..	643 442	12
		1999..	701 148	9
		1998..	751 369	2
		1997..	728 230	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
331513W	Steel foundries (except investment), nsk, total .....	2002..	117 888	X
		2001..	97 739	1
		2000..	100 710	1
		1999..	128 311	7
		1998..	81 736	2
		1997..	56 841	X
331521	Aluminum die-casting foundries .....	2002..	4 333 741	X
		2001..	3 876 141	4
		2000..	3 997 439	3
		1999..	3 768 554	2
		1998..	3 894 302	1
		1997..	3 745 476	X
3315210	Aluminum die-castings .....	2002..	4 333 741	X
		2001..	3 876 141	4
		2000..	3 997 439	3
		1999..	3 768 554	2
		1998..	3 894 302	1
		1997..	3 745 476	X
331522	Nonferrous (except aluminum) die-casting foundries .....	2002..	1 803 523	X
		2001..	1 674 988	4
		2000..	1 823 097	3
		1999..	2 065 542	6
		1998..	1 969 818	2
		1997..	1 804 752	X
3315220	Nonferrous (except aluminum) die-castings .....	2002..	1 803 523	X
		2001..	1 674 988	4
		2000..	1 823 097	3
		1999..	2 065 542	6
		1998..	1 969 818	2
		1997..	1 804 752	X
331524	Aluminum foundries (except die-casting) .....	2002..	3 476 653	X
		2001..	3 834 656	5
		2000..	4 082 905	4
		1999..	3 890 804	3
		1998..	3 682 736	1
		1997..	3 581 465	X
3315240	Aluminum foundries .....	2002..	3 476 653	X
		2001..	3 834 656	5
		2000..	4 082 905	4
		1999..	3 890 804	3
		1998..	3 682 736	1
		1997..	3 581 465	X
331525	Copper foundries (except die-casting) .....	2002..	729 226	X
		2001..	860 931	14
		2000..	880 158	8
		1999..	851 614	4
		1998..	884 115	3
		1997..	866 731	X
3315250	Copper foundries .....	2002..	729 226	X
		2001..	860 931	14
		2000..	880 158	8
		1999..	851 614	4
		1998..	884 115	3
		1997..	866 731	X
331528	Other nonferrous foundries (except die-casting) .....	2002..	749 678	X
		2001..	855 409	5
		2000..	766 235	4
		1999..	732 951	5
		1998..	1 028 528	2
		1997..	1 065 937	X
3315280	Other nonferrous foundries .....	2002..	749 678	X
		2001..	855 409	5
		2000..	766 235	4
		1999..	732 951	5
		1998..	1 028 528	2
		1997..	1 065 937	X
332111	Iron and steel forging .....	2002..	4 100 568	X
		2001..	4 357 990	2
		2000..	4 725 001	2
		1999..	4 670 547	2
		1998..	4 979 578	2
		1997..	4 535 526	X
3321111	Hot impression die impact, press, and upset steel forgings .....	2002..	2 544 480	X
		2001..	3 019 533	2
		2000..	3 367 883	2
		1999..	3 239 835	2
		1998..	3 497 774	3
		1997..	3 152 952	X
3321113	Cold impression die impact, press, and upset steel forgings .....	2002..	457 271	X
		2001..	423 302	12
		2000..	404 942	10
		1999..	453 133	11
		1998..	405 567	6
		1997..	354 695	X
3321115	Seamless rolled ring forgings, ferrous, made from purchased iron and steel .....	2002..	297 526	X
		2001..	221 513	13
		2000..	236 702	13
		1999..	298 362	11
		1998..	333 745	3
		1997..	342 342	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3321117	Open die and smith forgings (hammer and press), ferrous, made from purchased iron and steel .....	2002..	528 019 X
		2001..	518 908 6
		2000..	528 470 7
		1999..	503 183 7
		1998..	526 429 1
		1997..	505 124 X
332111W	Iron and steel forging, nsk, total .....	2002..	273 272 X
		2001..	174 734 16
		2000..	187 004 15
		1999..	176 035 16
		1998..	216 063 4
		1997..	180 413 X
332112	Nonferrous forging .....	2002..	1 816 928 X
		2001..	2 024 246 4
		2000..	2 034 760 3
		1999..	2 002 783 2
		1998..	2 117 748 1
		1997..	2 083 289 X
3321121	Hot impression die impact, press, and upset nonferrous forgings .....	2002..	1 381 988 X
		2001..	1 466 671 5
		2000..	1 461 542 4
		1999..	1 456 952 3
		1998..	1 575 087 1
		1997..	1 528 804 X
3321122	Other nonferrous forgings .....	2002..	395 614 X
		2001..	544 646 3
		2000..	560 563 4
		1999..	497 928 5
		1998..	501 847 1
		1997..	518 512 X
332112W	Nonferrous forging, nsk, total .....	2002..	39 326 X
		2001..	12 930 69
		2000..	12 655 69
		1999..	47 903 12
		1998..	40 814 1
		1997..	35 973 X
332114	Custom roll forming .....	2002..	4 030 320 X
		2001..	3 530 987 3
		2000..	3 858 447 2
		1999..	3 713 337 2
		1998..	3 600 510 3
		1997..	3 460 154 X
3321140	Custom roll form products .....	2002..	4 030 320 X
		2001..	3 530 987 3
		2000..	3 858 447 2
		1999..	3 713 337 2
		1998..	3 600 510 3
		1997..	3 460 154 X
332115	Crown and closure manufacturing .....	2002..	900 861 X
		2001..	924 065 10
		2000..	919 207 6
		1999..	891 141 4
		1998..	908 331 3
		1997..	969 693 X
3321150	Crowns and closures .....	2002..	900 861 X
		2001..	924 065 10
		2000..	919 207 6
		1999..	891 141 4
		1998..	908 331 3
		1997..	969 693 X
332116	Metal stamping .....	2002..	8 797 113 X
		2001..	12 016 063 4
		2000..	14 241 733 3
		1999..	13 042 000 2
		1998..	12 619 690 2
		1997..	11 664 699 X
3321161	Job stampings, except automotive .....	2002..	5 915 080 X
		2001..	8 262 937 4
		2000..	9 574 158 3
		1999..	8 979 519 2
		1998..	8 483 268 3
		1997..	7 976 387 X
3321163	Metal spinning products, excluding cooking and kitchen utensils .....	2002..	152 775 X
		2001..	229 872 13
		2000..	273 706 17
		1999..	223 087 16
		1998..	178 671 17
		1997..	167 019 X
3321166	Stamped and pressed metal end products, including vitreous (porcelain) enameled products .....	2002..	1 703 836 X
		2001..	N N
		2000..	N N
		1999..	N N
		1998..	N N
		1997..	N X
332116W	Metal stamping, nsk, total .....	2002..	1 025 422 X
		2001..	548 431 19
		2000..	620 420 18
		1999..	675 758 15
		1998..	752 914 15
		1997..	610 043 X

See footnotes at end of table.

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
332117	Powder metallurgy part manufacturing .....	2002.. 1 293 105	X
		2001.. 1 308 938	14
		2000.. 1 471 436	10
		1999.. 1 505 901	10
		1998.. 1 350 723	1
		1997.. 1 316 959	X
3321170	Powder metallurgy parts .....	2002.. 1 293 105	X
		2001.. 1 308 938	14
		2000.. 1 471 436	10
		1999.. 1 505 901	10
		1998.. 1 350 723	1
		1997.. 1 316 959	X
332211	Cutlery and flatware (except precious) manufacturing .....	2002.. 1 787 795	X
		2001.. 2 407 176	2
		2000.. 2 370 514	2
		1999.. 2 168 579	2
		1998.. 2 100 572	1
		1997.. 2 098 679	X
3322112	Cutlery, scissors, shears, trimmers, and snips .....	2002.. 622 160	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3322113	Razor blades and razors, except electric .....	2002.. 1 118 872	X
		2001.. 1 664 077	1
		2000.. 1 538 678	1
		1999.. 1 248 463	1
		1998.. 1 166 233	1
		1997.. 1 158 733	X
332211W	Cutlery and flatware (except precious) manufacturing, nsk, total .....	2002.. 46 763	X
		2001.. 37 755	14
		2000.. 37 963	14
		1999.. 33 540	16
		1998.. 82 062	1
		1997.. 69 091	X
332212	Hand and edge tool manufacturing .....	2002.. 5 753 251	X
		2001.. 5 904 707	2
		2000.. 6 445 803	2
		1999.. 6 366 345	2
		1998.. 6 039 684	1
		1997.. 5 950 367	X
3322122	Mechanics' hand service tools .....	2002.. 2 096 407	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3322123	Edge tools, hand-operated .....	2002.. 547 163	X
		2001.. 514 825	11
		2000.. 545 842	5
		1999.. 570 516	4
		1998.. 555 436	2
		1997.. 591 243	X
3322125	Dies and interchangeable cutting tools, for machines and power-driven handtools .....	2002.. 785 592	X
		2001.. 929 295	8
		2000.. 969 656	8
		1999.. 920 526	7
		1998.. 804 643	5
		1997.. 833 765	X
3322128	All other miscellaneous handtools .....	2002.. 1 171 354	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3322129	Precision measuring tools (inspection, quality control, tool room, and machinists') .....	2002.. 713 047	X
		2001.. 731 506	7
		2000.. 706 209	7
		1999.. 730 572	5
		1998.. 652 309	7
		1997.. 701 831	X
332212W	Hand and edge tool manufacturing, nsk, total .....	2002.. 439 688	X
		2001.. 289 040	15
		2000.. 355 167	11
		1999.. 334 645	11
		1998.. 334 243	9
		1997.. 325 018	X
332213	Saw blade and handsaw manufacturing .....	2002.. 1 193 757	X
		2001.. 1 072 951	3
		2000.. 1 235 914	3
		1999.. 1 279 347	3
		1998.. 1 328 726	2
		1997.. 1 283 032	X
3322130	Saw blades and handsaws .....	2002.. 1 193 757	X
		2001.. 1 072 951	3
		2000.. 1 235 914	3
		1999.. 1 279 347	3
		1998.. 1 328 726	2
		1997.. 1 283 032	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
332214	Kitchen utensil, pot, and pan manufacturing .....	2002..	X
		2001..	10
		2000..	8
		1999..	4
		1998..	4
		1997..	X
3322141	Stamped and spun utensils, cooking and kitchen, aluminum .....	2002..	X
		2001..	14
		2000..	11
		1999..	6
		1998..	7
		1997..	X
3322143	Stamped and spun utensils, cooking and kitchen, except aluminum .....	2002..	X
		2001..	10
		2000..	9
		1999..	4
		1998..	3
		1997..	X
332214W	Kitchen utensil, pot, and pan manufacturing, nsk, total .....	2002..	X
		2001..	1
		2000..	2
		1999..	2
		1998..	8
		1997..	X
332311	Prefabricated metal building and component manufacturing .....	2002..	X
		2001..	5
		2000..	4
		1999..	4
		1998..	5
		1997..	X
3323111	Prefabricated metal building and component systems (excluding farm service buildings, residential buildings, and parts) .....	2002..	X
		2001..	5
		2000..	5
		1999..	4
		1998..	6
		1997..	X
3323113	Other prefabricated and portable metal buildings and parts .....	2002..	X
		2001..	9
		2000..	8
		1999..	9
		1998..	11
		1997..	X
332311W	Prefabricated metal building and component manufacturing, nsk, total .....	2002..	X
		2001..	11
		2000..	10
		1999..	10
		1998..	7
		1997..	X
332312	Fabricated structural metal manufacturing .....	2002..	X
		2001..	3
		2000..	3
		1999..	3
		1998..	1
		1997..	X
3323121	Fabricated structural metal bar joists and concrete reinforcing bars .....	2002..	X
		2001..	3
		2000..	3
		1999..	3
		1998..	2
		1997..	X
3323123	Fabricated structural metal for bridges .....	2002..	X
		2001..	11
		2000..	7
		1999..	8
		1998..	3
		1997..	X
3323125	Other fabricated structural metal .....	2002..	X
		2001..	4
		2000..	5
		1999..	7
		1998..	2
		1997..	X
332312W	Fabricated structural metal manufacturing, nsk, total .....	2002..	X
		2001..	30
		2000..	27
		1999..	27
		1998..	3
		1997..	X
332313	Plate work manufacturing .....	2002..	X
		2001..	5
		2000..	5
		1999..	5
		1998..	3
		1997..	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3323130	Fabricated plate work (stacks and weldments) .....	2002..	3 145 341	X
		2001..	3 479 621	5
		2000..	3 619 892	5
		1999..	3 412 074	5
		1998..	3 022 135	3
		1997..	2 894 827	X
332321	Metal window and door manufacturing .....	2002..	10 289 081	X
		2001..	10 961 381	3
		2000..	10 462 654	3
		1999..	9 853 390	2
		1998..	9 646 238	1
		1997..	8 994 752	X
3323211	Metal doors (except storm doors) .....	2002..	5 386 625	X
		2001..	5 509 500	3
		2000..	5 695 479	3
		1999..	5 258 452	3
		1998..	5 010 792	2
		1997..	4 700 215	X
3323213	Metal windows (except storm sash) .....	2002..	2 142 257	X
		2001..	2 772 961	6
		2000..	2 247 219	6
		1999..	2 126 871	5
		1998..	2 162 183	2
		1997..	1 919 103	X
3323215	Metal molding and trim and store fronts .....	2002..	988 156	X
		2001..	1 043 624	6
		2000..	1 056 636	5
		1999..	1 038 139	5
		1998..	909 119	9
		1997..	876 573	X
3323217	Metal combination screen, storm sash, and storm doors .....	2002..	544 830	X
		2001..	459 960	18
		2000..	484 398	16
		1999..	541 863	14
		1998..	449 744	2
		1997..	485 069	X
3323219	Metal window and door screens (except combination) and metal weather strip .....	2002..	342 932	X
		2001..	541 131	21
		2000..	408 832	17
		1999..	392 043	15
		1998..	282 766	1
		1997..	295 818	X
332321W	Metal window and door manufacturing, nsk, total .....	2002..	884 281	X
		2001..	634 205	17
		2000..	570 089	18
		1999..	496 022	21
		1998..	831 633	6
		1997..	717 974	X
332322	Sheet metal work manufacturing .....	2002..	14 547 281	X
		2001..	16 532 336	3
		2000..	18 169 827	3
		1999..	16 531 767	3
		1998..	15 817 010	2
		1997..	15 129 494	X
3323221	Sheet metal air-conditioning ducts and stove pipe .....	2002..	1 831 782	X
		2001..	1 910 734	8
		2000..	1 791 878	8
		1999..	1 707 865	7
		1998..	1 383 065	6
		1997..	1 403 145	X
3323223	Sheet metal culverts, flumes, irrigation pipes, etc. ....	2002..	560 062	X
		2001..	376 752	8
		2000..	409 807	7
		1999..	422 464	6
		1998..	407 326	3
		1997..	424 827	X
3323227	Sheet metal roofing and roof drainage equipment .....	2002..	1 444 863	X
		2001..	1 664 382	10
		2000..	1 828 526	10
		1999..	1 813 481	10
		1998..	1 572 986	4
		1997..	1 390 714	X
3323229	Sheet metal flooring and siding .....	2002..	900 691	X
		2001..	861 786	6
		2000..	859 402	5
		1999..	924 426	3
		1998..	1 023 100	5
		1997..	948 830	X
332322A	Sheet metal awnings, canopies, cornices, and soffits .....	2002..	684 375	X
		2001..	644 491	13
		2000..	678 509	8
		1999..	689 570	5
		1998..	587 748	9
		1997..	722 495	X
332322C	Sheet metal electronic enclosures .....	2002..	2 337 659	X
		2001..	4 742 871	3
		2000..	5 666 789	3
		1999..	4 275 342	3
		1998..	3 513 059	3
		1997..	3 348 016	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
332322G	Other sheet metal work .....	2002..	3 638 441	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
332322F	Metal studs, nonload and load-bearing (iron, steel, and aluminum) .....	2002..	346 944	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
332322W	Sheet metal work manufacturing, nsk, total .....	2002..	2 802 464	X
		2001..	1 063 584	26
		2000..	1 208 829	23
		1999..	1 258 604	22
		1998..	2 438 690	8
		1997..	2 112 932	X
332323	Ornamental and architectural metal work manufacturing .....	2002..	5 189 095	X
		2001..	5 594 570	5
		2000..	5 393 802	5
		1999..	4 935 695	3
		1998..	4 548 666	2
		1997..	4 243 440	X
3323231	Metal grilles, registers, and air diffusers .....	2002..	591 046	X
		2001..	597 423	6
		2000..	568 658	5
		1999..	527 618	5
		1998..	510 644	4
		1997..	494 749	X
3323233	Ornamental and architectural metal work .....	2002..	1 590 170	X
		2001..	1 896 056	8
		2000..	1 768 413	7
		1999..	1 591 605	7
		1998..	1 309 651	4
		1997..	1 219 589	X
3323236	Open metal flooring, grating, and studs .....	2002..	361 143	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3323237	Metal scaffolding and shoring and forming for concrete work .....	2002..	570 312	X
		2001..	304 963	10
		2000..	375 121	9
		1999..	387 498	7
		1998..	421 338	2
		1997..	394 620	X
3323239	Other architectural and ornamental work .....	2002..	1 215 770	X
		2001..	1 649 941	14
		2000..	1 634 854	12
		1999..	1 470 074	7
		1998..	1 198 125	5
		1997..	1 223 918	X
332323W	Ornamental and architectural metal work manufacturing, nsk, total .....	2002..	860 654	X
		2001..	486 333	15
		2000..	455 612	14
		1999..	408 374	15
		1998..	532 858	5
		1997..	397 588	X
332410	Power boiler and heat exchanger manufacturing .....	2002..	3 278 770	X
		2001..	3 759 195	9
		2000..	3 584 322	10
		1999..	3 537 031	9
		1998..	3 539 902	3
		1997..	3 601 322	X
3324101	Fabricated heat exchangers and steam condensers (except nuclear applications) .....	2002..	1 457 171	X
		2001..	2 617 236	13
		2000..	2 493 075	14
		1999..	2 357 972	12
		1998..	2 107 945	3
		1997..	2 098 378	X
3324105	Steel power boilers (stationary and marine), parts and attachments (except nuclear applications) .....	2002..	948 603	X
		2001..	764 068	7
		2000..	641 723	8
		1999..	640 820	6
		1998..	787 610	5
		1997..	874 577	X
3324107	Nuclear reactor steam supply systems, heat exchangers and condensers, pressurizers, components, and auxiliary equipment .....	2002..	204 298	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
332410W	Power boiler and heat exchanger manufacturing, nsk, total .....	2002.. 668 698	X
		2001.. 377 891	26
		2000.. 449 524	24
		1999.. 538 239	21
		1998.. 644 348	8
	1997.. 628 367	X	
332420	Metal tank (heavy gauge) manufacturing .....	2002.. 4 427 553	X
		2001.. 4 417 320	3
		2000.. 4 506 682	3
		1999.. 4 666 254	2
		1998.. 4 485 174	2
	1997.. 4 480 384	X	
3324207	Gas cylinders .....	2002.. 548 668	X
		2001.. 497 786	4
		2000.. 523 815	5
		1999.. 524 769	3
		1998.. 484 211	9
	1997.. 508 097	X	
3324209	Metal tanks, complete at factory (standard line pressure) .....	2002.. 598 592	X
		2001.. 714 669	7
		2000.. 770 291	5
		1999.. 892 418	4
		1998.. 793 937	5
	1997.. 826 726	X	
332420C	Metal tanks, complete at factory (standard line nonpressure) .....	2002.. 499 792	X
		2001.. 386 993	11
		2000.. 466 849	9
		1999.. 480 187	9
		1998.. 484 798	13
	1997.. 442 893	X	
332420E	Metal tanks and vessels, custom fabricated at the factory and field erected .....	2002.. 1 189 816	X
		2001.. 1 465 617	7
		2000.. 1 459 304	6
		1999.. 1 462 980	5
		1998.. 1 453 093	4
	1997.. 1 443 424	X	
332420G	Metal tanks and vessels, custom fabricated and field erected .....	2002.. 1 083 101	X
		2001.. 895 834	6
		2000.. 812 197	6
		1999.. 876 594	6
		1998.. 907 303	3
	1997.. 913 689	X	
332420W	Metal tank (heavy gauge) manufacturing, nsk, total .....	2002.. 507 584	X
		2001.. 168 140	14
		2000.. 181 683	13
		1999.. 181 562	10
		1998.. 157 420	11
	1997.. 131 588	X	
332431	Metal can manufacturing .....	2002.. 11 017 618	X
		2001.. 11 103 774	2
		2000.. 11 096 092	2
		1999.. 11 147 943	1
		1998.. 11 429 288	1
	1997.. 11 334 677	X	
3324311	Steel cans and tinware products .....	2002.. 4 072 643	X
		2001.. 4 274 386	4
		2000.. 4 449 691	4
		1999.. 4 520 928	2
		1998.. 4 452 756	1
	1997.. 4 672 522	X	
3324313	Aluminum (including lids, ends, and parts shipped separately) .....	2002.. 6 863 690	X
		2001.. 6 765 345	1
		2000.. 6 578 259	1
		1999.. 6 552 987	1
		1998.. 6 887 383	1
	1997.. 6 560 667	X	
332431W	Metal can manufacturing, nsk, total .....	2002.. 81 285	X
		2001.. 64 043	9
		2000.. 68 142	9
		1999.. 74 028	8
		1998.. 89 149	39
	1997.. 101 488	X	
332439	Other metal container manufacturing .....	2002.. 2 788 779	X
		2001.. 2 005 056	7
		2000.. 2 318 594	6
		1999.. 2 311 897	5
		1998.. 2 241 862	3
	1997.. 2 216 060	X	
3324391	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes .....	2002.. 678 415	X
		2001.. 531 660	9
		2000.. 567 149	8
		1999.. 523 920	7
		1998.. 517 873	11
	1997.. 530 119	X	
3324393	Steel shipping barrels and drums (excluding beer barrels) (more than 12 gallon capacity) .....	2002.. 630 194	X
		2001.. 717 027	13
		2000.. 775 504	11
		1999.. 777 791	4
		1998.. 766 809	2
	1997.. 764 495	X	

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3324396	All other metal container manufacturing .....	2002.. 1 130 768	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
332439W	Other metal container manufacturing, nsk, total .....	2002.. 349 402	X
		2001.. 285 698	25
		2000.. 345 418	18
		1999.. 342 575	18
		1998.. 479 411	4
		1997.. 439 209	X
332510	Hardware manufacturing .....	2002.. 9 776 070	X
		2001.. 10 302 667	2
		2000.. 11 426 551	2
		1999.. 11 052 070	1
		1998.. 10 834 617	1
		1997.. 10 740 855	X
3325102	Furniture hardware (excluding cabinet hardware) .....	2002.. 789 331	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3325104	Builders' hardware .....	2002.. 4 761 425	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3325106	Motor vehicle hardware (lock units, door and window handles, window regulators, hinges, license plate brackets, etc.) .....	2002.. 2 628 099	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3325107	Other transportation equipment hardware (except motor vehicle hardware) .....	2002.. 359 113	X
		2001.. 566 471	9
		2000.. 522 455	9
		1999.. 515 375	8
		1998.. 534 254	1
		1997.. 508 822	X
332510A	All other miscellaneous hardware .....	2002.. 598 212	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
332510W	Hardware manufacturing, nsk, total .....	2002.. 639 890	X
		2001.. 455 345	7
		2000.. 466 367	7
		1999.. 343 227	10
		1998.. 390 366	3
		1997.. 288 423	X
332611	Spring (heavy gauge) manufacturing .....	2002.. 682 657	X
		2001.. 694 491	7
		2000.. 805 016	6
		1999.. 774 308	5
		1998.. 908 550	4
		1997.. 873 310	X
3326111	Hot formed steel springs, except wire .....	2002.. 354 892	X
		2001.. 359 288	10
		2000.. 401 991	7
		1999.. 398 457	7
		1998.. 507 351	7
		1997.. 512 832	X
3326113	Cold formed steel springs, except wire .....	2002.. 299 185	X
		2001.. 305 431	11
		2000.. 369 361	10
		1999.. 339 132	7
		1998.. 383 380	2
		1997.. 351 232	X
332611W	Spring (heavy gauge) manufacturing, nsk, total .....	2002.. 28 580	X
		2001.. 29 773	5
		2000.. 33 664	4
		1999.. 36 720	13
		1998.. 17 819	52
		1997.. 9 246	X
332612	Spring (light gauge) manufacturing .....	2002.. 2 183 985	X
		2001.. 2 262 447	4
		2000.. 2 376 463	3
		1999.. 2 378 374	3
		1998.. 2 347 053	2
		1997.. 2 199 081	X
3326122	Precision mechanical wire springs .....	2002.. 841 680	X
		2001.. 1 005 346	6
		2000.. 1 123 017	6
		1999.. 1 080 716	6
		1998.. 1 017 760	4
		1997.. 929 182	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3326124	Other wire springs .....	2002..	1 267 766	X
		2001..	1 188 949	5
		2000..	1 185 515	4
		1999..	1 229 571	3
		1998..	1 222 644	1
		1997..	1 245 725	X
332612W	Spring (light gauge) manufacturing, nsk, total .....	2002..	74 539	X
		2001..	68 151	6
		2000..	67 931	6
		1999..	68 088	6
		1998..	106 650	1
		1997..	24 174	X
332618	Other fabricated wire product manufacturing .....	2002..	5 368 094	X
		2001..	4 516 689	3
		2000..	5 328 948	3
		1999..	5 163 424	3
		1998..	5 581 493	2
		1997..	5 188 920	X
3326181	Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire .....	2002..	535 295	X
		2001..	427 286	13
		2000..	432 838	9
		1999..	399 125	8
		1998..	452 179	6
		1997..	457 671	X
3326182	Other fabricated wire products, made from purchased wire .....	2002..	245 286	X
		2001..	227 620	14
		2000..	294 288	12
		1999..	291 759	11
		1998..	385 076	2
		1997..	410 349	X
3326183	Ferrous wire cloth and other ferrous woven wire products, made from purchased wire .....	2002..	154 823	X
		2001..	253 193	18
		2000..	332 912	14
		1999..	326 865	12
		1998..	315 288	6
		1997..	290 183	X
3326185	Nonferrous wire cloth and other nonferrous woven wire products, made from purchased wire .....	2002..	64 554	X
		2001..	113 795	11
		2000..	118 091	9
		1999..	120 840	7
		1998..	186 465	14
		1997..	155 658	X
3326187	Steel fencing and fence gates, made from purchased wire .....	2002..	227 723	X
		2001..	181 743	28
		2000..	172 920	30
		1999..	154 899	30
		1998..	210 045	6
		1997..	184 408	X
3326189	Steel nails, staples, tacks, spikes, and brads, made from purchased wire .....	2002..	374 374	X
		2001..	134 527	20
		2000..	417 231	5
		1999..	379 161	5
		1998..	303 547	2
		1997..	360 686	X
332618B	Other ferrous wire products (excluding springs), made from purchased wire .....	2002..	2 654 956	X
		2001..	2 956 785	3
		2000..	3 363 775	3
		1999..	3 302 784	3
		1998..	3 326 907	4
		1997..	3 007 964	X
332618W	Other fabricated wire product manufacturing, nsk, total .....	2002..	1 111 083	X
		2001..	221 741	26
		2000..	196 891	30
		1999..	187 990	31
		1998..	401 985	7
		1997..	322 001	X
332710	Machine shops .....	2002..	24 462 940	X
		2001..	28 010 107	2
		2000..	28 530 211	2
		1999..	25 973 094	2
		1998..	24 557 271	3
		1997..	24 407 601	X
3327100	Receipts for machine shop job work and job order repairs .....	2002..	24 462 940	X
		2001..	28 010 107	2
		2000..	28 530 211	2
		1999..	25 973 094	2
		1998..	24 557 271	3
		1997..	24 407 601	X
332721	Precision turned product manufacturing .....	2002..	8 388 170	X
		2001..	7 799 072	3
		2000..	8 645 588	3
		1999..	8 267 527	3
		1998..	8 572 574	4
		1997..	8 006 106	X

See footnotes at end of table.

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3327211	Precision turned products, automotive .....	2002..	2 109 587	X
		2001..	2 174 664	5
		2000..	2 397 380	5
		1999..	2 377 156	4
		1998..	1 935 329	8
		1997..	1 886 830	X
3327215	Precision turned products (made on CNC equipment or screw machines), except automotive .....	2002..	4 281 616	X
		2001..	5 146 889	4
		2000..	5 725 602	3
		1999..	5 294 693	3
		1998..	4 308 161	5
		1997..	4 135 005	X
332721W	Precision turned product manufacturing, nsk, total .....	2002..	1 996 967	X
		2001..	477 519	33
		2000..	522 606	30
		1999..	595 679	26
		1998..	2 329 083	10
		1997..	1 984 271	X
332722	Bolt, nut, screw, rivet, and washer manufacturing .....	2002..	7 204 158	X
		2001..	7 476 865	3
		2000..	8 069 488	3
		1999..	7 842 952	3
		1998..	8 047 501	1
		1997..	7 581 822	X
3327221	Aircraft fasteners, except plastics (including aerospace) (meet specifications for flying vehicles) .....	2002..	1 204 835	X
		2001..	1 637 247	9
		2000..	1 456 390	7
		1999..	1 502 188	6
		1998..	1 429 850	1
		1997..	1 208 605	X
3327223	Externally threaded metal fasteners (except aircraft types) .....	2002..	2 848 476	X
		2001..	2 929 607	4
		2000..	3 274 013	4
		1999..	3 076 985	3
		1998..	3 095 183	2
		1997..	3 085 720	X
3327225	Internally threaded metal fasteners (except aircraft types) .....	2002..	631 713	X
		2001..	855 106	8
		2000..	958 807	7
		1999..	945 551	8
		1998..	915 922	4
		1997..	858 123	X
3327227	Nonthreaded metal fasteners (except aircraft types) .....	2002..	940 697	X
		2001..	948 498	6
		2000..	1 053 269	6
		1999..	1 076 055	5
		1998..	1 036 212	3
		1997..	970 248	X
332722A	Products (except fasteners), made by cold-heading (or warm- or hot-heading) processes .....	2002..	1 013 797	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
332722W	Bolt, nut, screw, rivet, and washer manufacturing, nsk, total .....	2002..	564 640	X
		2001..	298 389	38
		2000..	336 099	34
		1999..	327 981	35
		1998..	703 226	5
		1997..	600 381	X
332811	Metal heat treating .....	2002..	3 502 087	X
		2001..	3 170 024	3
		2000..	3 566 431	3
		1999..	3 439 072	3
		1998..	3 537 251	3
		1997..	3 394 828	X
3328110	Heat treating of metal for the trade (heat treating, pickling, annealing, brazing, shot peening, tempering, etc.) .....	2002..	3 502 087	X
		2001..	3 170 024	3
		2000..	3 566 431	3
		1999..	3 439 072	3
		1998..	3 537 251	3
		1997..	3 394 828	X
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers .....	2002..	9 581 760	X
		2001..	8 475 381	3
		2000..	8 922 974	2
		1999..	8 991 890	2
		1998..	9 149 633	2
		1997..	8 214 631	X
3328120	Metal coating, engraving, and allied services .....	2002..	9 581 760	X
		2001..	8 475 381	3
		2000..	8 922 974	2
		1999..	8 991 890	2
		1998..	9 149 633	2
		1997..	8 214 631	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
332813	Electroplating, plating, polishing, anodizing, and coloring .....	2002..	5 820 035	X
		2001..	6 153 839	2
		2000..	6 976 650	2
		1999..	6 417 070	2
		1998..	6 047 366	1
		1997..	6 146 442	X
3328130	Electroplating, plating, polishing, anodizing, and coloring .....	2002..	5 820 035	X
		2001..	6 153 839	2
		2000..	6 976 650	2
		1999..	6 417 070	2
		1998..	6 047 366	1
		1997..	6 146 442	X
332911	Industrial valve manufacturing .....	2002..	8 015 893	X
		2001..	8 365 315	2
		2000..	8 380 776	2
		1999..	8 185 220	2
		1998..	8 232 517	1
		1997..	8 031 977	X
3329111	Gates, globes, angles, straightway (Y-type) check, stop and check, cross, 3- and 4-way, and other industrial valves .....	2002..	1 409 810	X
		2001..	1 539 927	7
		2000..	1 468 303	6
		1999..	1 471 758	4
		1998..	1 466 202	3
		1997..	1 317 414	X
3329113	Industrial valves for water works and municipal equipment (IBBM, AWWA, and UL) .....	2002..	1 024 799	X
		2001..	967 159	3
		2000..	964 519	3
		1999..	904 770	2
		1998..	796 369	4
		1997..	741 713	X
3329115	Industrial ball valves (all metals, pressures, and types), including manual and power-operated, on-off valves .....	2002..	1 090 675	X
		2001..	1 254 890	5
		2000..	1 199 946	3
		1999..	1 115 345	3
		1998..	1 140 304	6
		1997..	1 161 437	X
3329117	Industrial butterfly valves (all metals, pressures, and types), including manual and power-operated, on-off valves .....	2002..	543 614	X
		2001..	473 727	4
		2000..	495 649	4
		1999..	511 107	3
		1998..	498 456	2
		1997..	491 396	X
3329119	Industrial plug valves (all metals, pressures, and types), including lubricated, cylindrical eccentric, and sleeve-lined .....	2002..	275 503	X
		2001..	305 977	6
		2000..	337 922	2
		1999..	320 137	2
		1998..	379 224	1
		1997..	359 633	X
332911B	All other miscellaneous industrial valves .....	2002..	969 832	X
		2001..	896 921	7
		2000..	918 927	8
		1999..	822 631	7
		1998..	958 025	3
		1997..	1 016 097	X
332911D	Nuclear valves (N-stamp only) .....	2002..	72 502	X
		2001..	29 824	28
		2000..	28 248	29
		1999..	37 103	8
		1998..	36 720	1
		1997..	36 622	X
332911F	Automatic regulating and control valves and parts (except nuclear), power-operated, designed for modulating (throttling) service .....	2002..	1 958 663	X
		2001..	2 159 577	4
		2000..	2 225 457	3
		1999..	2 267 856	3
		1998..	2 118 747	4
		1997..	2 134 578	X
332911H	Solenoid-operated valves and parts, except nuclear and fluid power transfer .....	2002..	319 684	X
		2001..	457 747	2
		2000..	481 973	3
		1999..	485 421	3
		1998..	486 409	1
		1997..	485 022	X
332911W	Industrial valve manufacturing, nsk, total .....	2002..	350 811	X
		2001..	279 566	19
		2000..	259 833	18
		1999..	249 092	19
		1998..	352 061	6
		1997..	288 065	X
332912	Fluid power valve and hose fitting manufacturing .....	2002..	5 868 028	X
		2001..	5 704 710	2
		2000..	6 355 986	2
		1999..	6 391 769	2
		1998..	6 573 016	1
		1997..	6 285 684	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3329121	Aerospace type hydraulic fluid power valves .....	2002..	721 391	X
		2001..	668 868	8
		2000..	663 357	6
		1999..	701 535	6
		1998..	637 719	1
		1997..	672 902	X
3329123	Aerospace type pneumatic fluid power valves .....	2002..	622 988	X
		2001..	467 006	11
		2000..	433 948	12
		1999..	675 892	2
		1998..	619 655	1
		1997..	499 415	X
3329125	Nonaerospace type hydraulic directional control valves .....	2002..	424 685	X
		2001..	449 341	4
		2000..	530 255	3
		1999..	494 437	2
		1998..	579 401	6
		1997..	536 935	X
3329127	Nonaerospace type hydraulic valves, except directional control .....	2002..	574 762	X
		2001..	541 640	8
		2000..	750 635	4
		1999..	736 098	4
		1998..	766 609	4
		1997..	719 670	X
3329129	Nonaerospace type pneumatic directional control valves .....	2002..	492 388	X
		2001..	453 384	7
		2000..	590 183	5
		1999..	563 905	5
		1998..	552 391	5
		1997..	619 943	X
332912B	Nonaerospace type pneumatic valves, except directional control .....	2002..	142 130	X
		2001..	147 330	7
		2000..	186 986	5
		1999..	200 875	6
		1998..	185 764	7
		1997..	192 604	X
332912D	Parts for fluid power valves .....	2002..	164 270	X
		2001..	279 324	20
		2000..	314 280	18
		1999..	224 558	15
		1998..	217 182	2
		1997..	212 581	X
332912F	Aerospace type hydraulic and pneumatic fluid power hose or tube end fittings and assemblies .....	2002..	612 388	X
		2001..	562 340	5
		2000..	531 527	5
		1999..	580 299	5
		1998..	584 197	2
		1997..	541 440	X
332912H	Nonaerospace type flared (metal) fittings, couplings, and assemblies of tubing used in fluid power transfer systems .....	2002..	365 723	X
		2001..	383 884	2
		2000..	423 385	2
		1999..	421 471	1
		1998..	468 330	2
		1997..	389 751	X
332912J	Nonaerospace type flareless fittings and couplings, including nonmetal fittings, used in fluid power transfer systems .....	2002..	536 414	X
		2001..	622 927	3
		2000..	602 849	4
		1999..	533 820	4
		1998..	508 363	1
		1997..	512 409	X
332912L	Nonaerospace type hydraulic and pneumatic fittings and couplings for hose .....	2002..	717 535	X
		2001..	663 899	6
		2000..	803 226	5
		1999..	748 858	6
		1998..	857 490	2
		1997..	849 786	X
332912N	Nonaerospace type hydraulic and pneumatic assemblies of hose .....	2002..	288 738	X
		2001..	243 247	3
		2000..	282 944	4
		1999..	277 797	3
		1998..	296 661	1
		1997..	289 050	X
332912W	Fluid power valve and hose fitting manufacturing, nsk, total .....	2002..	204 616	X
		2001..	221 520	20
		2000..	242 411	19
		1999..	232 225	17
		1998..	299 254	3
		1997..	249 198	X
332913	Plumbing fixture fitting and trim manufacturing .....	2002..	3 138 725	X
		2001..	3 618 292	3
		2000..	3 695 711	3
		1999..	3 632 880	2
		1998..	3 760 756	7
		1997..	3 643 158	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3329131	Single lever plumbing fixture controls, two and three handle bath and shower fittings, and antiscald bath or shower valves (brass goods) .....	2002..	1 144 127	X
		2001..	1 297 009	5
		2000..	1 332 163	4
		1999..	1 356 021	4
		1998..	1 248 648	2
		1997..	1 141 480	X
3329133	Lavatory and sink fittings (except single control), including drains and overflows (brass goods) .....	2002..	544 718	X
		2001..	692 222	7
		2000..	787 867	6
		1999..	835 067	5
		1998..	833 918	1
		1997..	843 751	X
3329138	Miscellaneous plumbing fixtures, fittings, and trim (brass goods) .....	2002..	1 193 885	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
332913W	Plumbing fixture fitting and trim manufacturing, nsk, total .....	2002..	255 995	X
		2001..	223 244	1
		2000..	103 734	2
		1999..	83 314	1
		1998..	41 787	1
		1997..	2 662	X
332919	Other metal valve and pipe fitting manufacturing .....	2002..	2 698 448	X
		2001..	2 282 007	5
		2000..	2 377 950	4
		1999..	2 402 656	4
		1998..	2 761 282	3
		1997..	2 619 007	X
3329191	Plumbing and heating valves and specialties, except plumbers' brass goods .....	2002..	553 253	X
		2001..	577 390	7
		2000..	628 494	3
		1999..	607 378	3
		1998..	577 056	1
		1997..	541 652	X
3329194	Metal fittings, flanges, and unions for piping systems .....	2002..	1 791 819	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
332919W	Other metal valve and pipe fitting manufacturing, nsk, total .....	2002..	353 376	X
		2001..	63 621	A
		2000..	60 445	A
		1999..	99 163	71
		1998..	290 148	6
		1997..	264 093	X
332991	Ball and roller bearing manufacturing .....	2002..	5 680 889	X
		2001..	5 296 968	2
		2000..	6 059 801	2
		1999..	5 905 271	1
		1998..	5 980 871	1
		1997..	5 934 983	X
3329911	Ball bearings, complete, unmounted .....	2002..	1 977 805	X
		2001..	1 801 927	3
		2000..	2 130 877	5
		1999..	2 032 473	2
		1998..	2 088 352	1
		1997..	2 107 110	X
3329913	Tapered roller bearings (including cups and cones), unmounted .....	2002..	1 475 464	X
		2001..	1 320 888	4
		2000..	1 563 215	1
		1999..	1 546 777	1
		1998..	1 574 936	1
		1997..	1 470 822	X
3329915	Other roller bearings, unmounted .....	2002..	1 049 849	X
		2001..	1 116 293	4
		2000..	1 258 588	1
		1999..	1 224 501	1
		1998..	1 204 560	1
		1997..	1 171 970	X
3329917	Mounted bearings (except plain) .....	2002..	482 840	X
		2001..	396 372	6
		2000..	396 083	2
		1999..	415 007	2
		1998..	419 735	1
		1997..	475 039	X
3329919	Parts and components for ball and roller bearings (including balls and rollers), sold separately (excluding cups and cones) .....	2002..	624 222	X
		2001..	608 658	2
		2000..	658 599	1
		1999..	624 737	1
		1998..	637 218	1
		1997..	648 035	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
332991W	Ball and roller bearing manufacturing, nsk, total .....	2002.. 70 709	X
		2001.. 52 829	10
		2000.. 52 440	10
		1999.. 61 776	5
		1998.. 56 070	1
332992	Small arms ammunition manufacturing .....	1997.. 62 007	X
		2002.. 889 841	X
		2001.. 1 012 787	2
		2000.. 1 122 893	2
		1999.. 1 109 328	1
3329920	Small arms ammunition .....	1998.. 952 561	1
		1997.. 889 302	X
		2002.. 889 841	X
		2001.. 1 012 787	2
		2000.. 1 122 893	2
332993	Ammunition (except small arms) manufacturing .....	1999.. 1 109 328	1
		1998.. 952 561	1
		1997.. 889 302	X
		2002.. 798 819	X
		2001.. 772 710	3
3329931	Ammunition (except small arms) manufacturing .....	2000.. 1 012 473	3
		1999.. 1 128 872	2
		1998.. 1 242 239	1
		1997.. 1 300 772	X
		2002.. 460 977	X
3329933	Artillery ammunition (more than 30 mm, more than 1.18 in.) .....	2001.. 302 568	7
		2000.. 438 251	4
		1999.. 547 257	4
		1998.. 579 774	1
		1997.. 647 163	X
3329933	All other miscellaneous ammunition (except for small arms) .....	2002.. 332 492	X
		2001.. 464 312	3
		2000.. 568 805	3
		1999.. 574 452	2
		1998.. 654 449	1
332993W	Ammunition (except small arms) manufacturing, nsk, total .....	1997.. 651 375	X
		2002.. 5 350	X
		2001.. 5 830	1
		2000.. 5 418	1
		1999.. 7 164	14
332994	Small arms manufacturing .....	1998.. 8 016	1
		1997.. 2 234	X
		2002.. 1 566 473	X
		2001.. 1 105 418	5
		2000.. 1 118 882	5
3329941	Small arms manufacturing .....	1999.. 1 160 600	3
		1998.. 1 179 194	1
		1997.. 1 172 618	X
		2002.. D	X
		2001.. 197 055	1
3329944	Machine guns (30 mm or less, 1.18 in. or less) .....	2000.. 121 928	1
		1999.. 110 812	1
		1998.. 107 367	1
		1997.. 109 852	X
		2002.. D	X
3329944	Small arms (30 mm or less, 1.18 in. or less) .....	2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
332994W	Small arms manufacturing, nsk, total .....	2002.. 68 061	X
		2001.. 65 921	10
		2000.. 80 614	18
		1999.. 67 784	5
		1998.. 74 135	1
332995	Other ordnance and accessories manufacturing .....	1997.. 54 036	X
		2002.. 1 345 928	X
		2001.. 973 280	3
		2000.. 974 147	3
		1999.. 1 135 818	4
3329951	Other ordnance and accessories manufacturing .....	1998.. 1 326 342	1
		1997.. 1 149 128	X
		2002.. 739 881	X
		2001.. 670 239	3
		2000.. 664 145	2
3329952	Guns, howitzers, mortars, turrets, parts, and other related equipment (more than 30 mm (1.18 in.)) .....	1999.. 702 582	2
		1998.. 885 495	1
		1997.. 705 785	X
		2002.. 583 556	X
		2001.. 283 618	9
3329952	All other miscellaneous ordnance and accessories, including rocket projectors, line throwing guns, flame throwers, torpedo tubes, etc. (including parts) .....	2000.. 292 999	9
		1999.. 414 878	9
		1998.. 422 257	1
		1997.. 421 646	X
		2002.. 22 491	X
332995W	Other ordnance and accessories manufacturing, nsk, total .....	2001.. 19 423	1
		2000.. 17 003	1
		1999.. 18 359	1
		1998.. 18 590	1

See footnotes at end of table.

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
332995W	Other ordnance and accessories manufacturing, nsk, total—Con.	1997.. 21 697	X
332996	Fabricated pipe and pipe fitting manufacturing .....	2002.. 3 637 411 2001.. 4 555 122 2000.. 4 412 982 1999.. 4 239 750 1998.. 4 247 301 1997.. 4 089 651	X 4 3 3 2 X
3329960	Fabricated pipe and pipe fittings made from purchased pipe .....	2002.. 3 637 411 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
332997	Industrial pattern manufacturing .....	2002.. 614 709 2001.. 762 105 2000.. 796 766 1999.. 775 193 1998.. 791 555 1997.. 815 026	X 5 4 2 4 X
3329970	Industrial patterns .....	2002.. 614 709 2001.. 762 105 2000.. 796 766 1999.. 775 193 1998.. 791 555 1997.. 815 026	X 5 4 2 4 X
332998	Enameled iron and metal sanitary ware manufacturing .....	2002.. 1 197 439 2001.. 1 344 002 2000.. 1 383 452 1999.. 1 268 272 1998.. 1 423 967 1997.. 1 233 656	X 4 5 4 5 X
3329980	Enameled iron and metal sanitary ware .....	2002.. 1 197 439 2001.. 1 344 002 2000.. 1 383 452 1999.. 1 268 272 1998.. 1 423 967 1997.. 1 233 656	X 4 5 4 5 X
332999	All other miscellaneous fabricated metal product manufacturing .....	2002.. 11 643 762 2001.. 9 756 330 2000.. 10 584 929 1999.. 10 367 422 1998.. 10 378 490 1997.. 9 986 278	X 3 3 2 2 X
3329992	Converted unmounted aluminum foil packaging products .....	2002.. 736 476 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
3329995	Miscellaneous machinery products .....	2002.. 1 327 506 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
3329997	Fabricated metal collapsible tubes .....	2002.. 72 277 2001.. 59 181 2000.. 70 777 1999.. 74 805 1998.. 70 127 1997.. 53 062	X 29 31 21 10 X
3329999	Flat metal strapping .....	2002.. 395 971 2001.. 310 158 2000.. 366 188 1999.. 377 610 1998.. 440 291 1997.. 349 386	X 3 2 3 13 X
332999B	Metal ladders .....	2002.. 338 749 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
332999H	All other miscellaneous fabricated metal products .....	2002.. 5 573 810 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
332999W	All other miscellaneous fabricated metal product manufacturing, nsk, total .....	2002.. 3 198 973 2001.. 1 671 594 2000.. 1 563 051 1999.. 1 489 746 1998.. 1 576 213 1997.. 1 275 933	X 10 12 11 5 X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
333111	Farm machinery and equipment manufacturing .....	2002.. 13 732 574	X
		2001.. 13 132 560	3
		2000.. 12 987 507	3
		1999.. 11 629 380	3
		1998.. 15 431 662	1
		1997.. 15 006 901	X
3331111	Farm-type (power take-off hp) wheel tractors (2- and 4-wheel drive) (sold with or without attachments) .....	2002.. 3 662 954	X
		2001.. D	S
		2000.. D	S
		1999.. D	S
		1998.. 3 805 491	1
		1997.. 3 856 907	X
3331114	Farm dairy equipment, sprayers and dusters (except aerial types), farm blowers, and attachments .....	2002.. 662 506	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3331117	Planting, seeding, and fertilizing machinery and attachments, excluding turf machinery .....	2002.. 786 340	X
		2001.. 986 554	8
		2000.. 870 399	8
		1999.. 857 455	5
		1998.. 946 982	1
		1997.. 1 080 018	X
3331119	Harvesting machinery (except hay and straw) and attachments .....	2002.. 1 809 554	X
		2001.. 1 866 092	6
		2000.. 1 516 400	6
		1999.. 1 543 060	6
		1998.. 3 130 873	1
		1997.. 2 970 346	X
333111A	Haying machinery and attachments .....	2002.. 919 706	X
		2001.. 615 777	17
		2000.. 506 600	21
		1999.. 506 794	10
		1998.. 731 145	1
		1997.. 664 378	X
333111C	Parts for farm machinery, for sale separately .....	2002.. 1 461 569	X
		2001.. D	S
		2000.. D	S
		1999.. D	S
		1998.. 1 601 974	1
		1997.. 1 425 475	X
333111E	Farm plows (including plowshares, primary tillage), harrows, rollers, pulverizers, and cultivators and weeders, and attachments .....	2002.. 346 152	X
		2001.. 357 115	15
		2000.. 347 506	15
		1999.. 375 748	7
		1998.. 547 649	7
		1997.. 608 954	X
333111G	All other farm machinery and equipment (excluding parts), including attachments .....	2002.. 2 003 254	X
		2001.. 1 831 140	8
		2000.. 1 979 685	7
		1999.. 1 701 876	8
		1998.. 1 951 954	3
		1997.. 1 836 550	X
333111J	Commercial turf and grounds care equipment, including parts and attachments .....	2002.. 1 551 951	X
		2001.. 2 117 063	8
		2000.. 2 234 155	9
		1999.. 1 931 021	10
		1998.. 1 541 847	1
		1997.. 1 340 221	X
333111W	Farm machinery and equipment manufacturing, nsk, total .....	2002.. 528 588	X
		2001.. 286 543	53
		2000.. 286 639	53
		1999.. 307 063	49
		1998.. 462 980	13
		1997.. 478 747	X
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing .....	2002.. 6 475 889	X
		2001.. 6 151 646	1
		2000.. 6 824 924	1
		1999.. 6 996 373	1
		1998.. 6 904 597	1
		1997.. 6 283 652	X
3331121	Consumer nonriding lawn, garden, and snow equipment .....	2002.. 2 809 875	X
		2001.. 2 843 089	1
		2000.. 2 922 478	1
		1999.. 3 115 580	2
		1998.. 3 025 562	2
		1997.. 2 875 961	X
3331123	Consumer riding lawn, garden, and snow equipment .....	2002.. 2 827 539	X
		2001.. 2 449 513	1
		2000.. 2 916 576	1
		1999.. 2 773 754	1
		1998.. 2 738 733	1
		1997.. 2 516 613	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3331127	Parts and attachments for consumer lawn, garden, and snow equipment .....	2002..	748 915	X
		2001..	811 223	8
		2000..	938 841	7
		1999..	1 038 600	1
		1998..	1 040 066	2
		1997..	816 253	X
333112W	Lawn and garden tractor and home lawn and garden equipment manufacturing, nsk, total .....	2002..	89 560	X
		2001..	47 823	16
		2000..	47 030	19
		1999..	68 439	18
		1998..	100 236	4
		1997..	74 825	X
333120	Construction machinery manufacturing .....	2002..	16 585 832	X
		2001..	18 118 524	3
		2000..	20 441 106	3
		1999..	19 440 463	3
		1998..	20 682 312	1
		1997..	19 287 496	X
3331201	Power cranes, excavation loaders, dozers, construction tractors, off-highway trucks and trailers, mixers, pavers, backhoes, and related equipment .....	2002..	12 008 630	X
		2001..	12 894 606	3
		2000..	15 195 268	3
		1999..	14 352 810	4
		1998..	14 967 646	1
		1997..	13 693 995	X
3331208	Other construction machinery and equipment (excluding parts) .....	2002..	1 740 291	X
		2001..	2 194 251	14
		2000..	2 209 266	9
		1999..	1 971 389	9
		1998..	2 268 498	3
		1997..	2 122 257	X
3331209	Parts for construction machinery and equipment, sold separately .....	2002..	2 269 625	X
		2001..	2 623 829	10
		2000..	2 670 408	9
		1999..	2 894 618	8
		1998..	3 041 009	2
		1997..	2 968 564	X
333120W	Construction machinery manufacturing, nsk, total .....	2002..	567 286	X
		2001..	405 838	48
		2000..	366 164	53
		1999..	221 647	88
		1998..	405 159	39
		1997..	502 680	X
333131	Mining machinery and equipment manufacturing .....	2002..	1 957 519	X
		2001..	2 297 338	3
		2000..	2 088 229	3
		1999..	2 243 630	3
		1998..	2 991 510	2
		1997..	2 974 042	X
3331311	Underground mining machinery (except parts sold separately) .....	2002..	476 036	X
		2001..	412 606	2
		2000..	391 729	3
		1999..	418 888	3
		1998..	734 175	1
		1997..	680 836	X
3331313	Mineral processing and beneficiation machinery (except parts sold separately) .....	2002..	D	X
		2001..	515 684	3
		2000..	406 800	5
		1999..	569 768	4
		1998..	507 297	2
		1997..	633 663	X
3331315	Crushing, pulverizing, and screening machinery (except parts sold separately and portable crushing, screening, washing and combination plants) .....	2002..	242 615	X
		2001..	298 522	7
		2000..	266 967	8
		1999..	310 532	10
		1998..	521 296	12
		1997..	482 132	X
3331317	Drills and other mining machinery (except parts sold separately) .....	2002..	D	X
		2001..	191 315	10
		2000..	248 147	9
		1999..	288 223	4
		1998..	279 882	4
		1997..	263 008	X
3331319	Parts and attachments for mining machinery and equipment (sold separately) .....	2002..	638 917	X
		2001..	784 933	7
		2000..	668 544	7
		1999..	567 596	7
		1998..	760 513	4
		1997..	777 472	X
333131W	Mining machinery and equipment manufacturing, nsk, total .....	2002..	166 312	X
		2001..	94 277	26
		2000..	106 041	26
		1999..	88 623	28
		1998..	188 347	4
		1997..	136 931	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
333132	Oil and gas field machinery and equipment manufacturing .....	2002..	4 944 668	X
		2001..	6 130 300	7
		2000..	5 140 219	6
		1999..	4 978 978	6
		1998..	5 356 053	2
		1997..	5 333 426	X
3331321	Rotary oil and gas field drilling machinery and equipment .....	2002..	1 367 421	X
		2001..	2 516 018	15
		2000..	2 153 731	12
		1999..	1 572 103	5
		1998..	1 689 661	3
		1997..	1 728 716	X
3331323	Other oil and gas field drilling machinery and equipment .....	2002..	771 470	X
		2001..	1 068 560	17
		2000..	597 035	10
		1999..	688 055	6
		1998..	737 696	1
		1997..	691 092	X
3331325	Oil and gas field production machinery and equipment (except pumps) .....	2002..	1 881 922	X
		2001..	1 840 516	8
		2000..	1 675 852	10
		1999..	1 909 788	12
		1998..	1 814 679	2
		1997..	1 798 028	X
3331327	Portable drilling rigs and parts (above ground) .....	2002..	400 867	X
		2001..	336 918	17
		2000..	369 859	15
		1999..	430 089	27
		1998..	578 209	2
		1997..	526 919	X
3331329	Oil and gas field derricks and well surveying machinery .....	2002..	103 898	X
		2001..	144 100	16
		2000..	120 957	23
		1999..	152 439	14
		1998..	199 260	24
		1997..	243 048	X
333132W	Oil and gas field machinery and equipment manufacturing, nsk, total .....	2002..	419 090	X
		2001..	224 188	23
		2000..	222 786	24
		1999..	226 504	24
		1998..	336 548	18
		1997..	345 623	X
333210	Sawmill and woodworking machinery manufacturing .....	2002..	859 838	X
		2001..	941 904	5
		2000..	1 162 744	5
		1999..	1 055 894	4
		1998..	1 118 070	6
		1997..	1 101 642	X
3332103	Woodworking machinery, including parts, attachments, and accessories .....	2002..	726 620	X
		2001..	755 883	6
		2000..	981 840	5
		1999..	846 778	5
		1998..	829 869	7
		1997..	829 627	X
3332105	Woodworking machinery for home workshops, garages, and service shops (excluding chainsaws and other power-driven handtools) .....	2002..	66 530	X
		2001..	150 341	6
		2000..	139 995	6
		1999..	161 129	6
		1998..	154 785	4
		1997..	173 826	X
333210W	Sawmill and woodworking machinery manufacturing, nsk, total .....	2002..	66 688	X
		2001..	35 680	46
		2000..	40 910	40
		1999..	47 988	35
		1998..	133 416	16
		1997..	98 189	X
333220	Plastics and rubber industry machinery manufacturing .....	2002..	2 668 687	X
		2001..	2 757 108	5
		2000..	2 991 027	5
		1999..	2 931 704	4
		1998..	2 863 454	6
		1997..	3 093 784	X
3332201	Plastics-working machinery and equipment, excluding patterns and molds .....	2002..	2 303 059	X
		2001..	2 370 548	6
		2000..	2 571 874	6
		1999..	2 567 377	5
		1998..	2 416 930	7
		1997..	2 671 954	X
3332203	Rubber-working machinery and equipment, excluding tire molds .....	2002..	231 301	X
		2001..	232 565	7
		2000..	258 982	6
		1999..	270 700	4
		1998..	276 677	18
		1997..	290 979	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
333220W	Plastics and rubber industry machinery manufacturing, nsk, total .....	2002..	134 327	X
		2001..	153 994	26
		2000..	160 171	23
		1999..	93 628	39
		1998..	169 847	10
		1997..	130 851	X
333291	Paper industry machinery manufacturing .....	2002..	1 597 617	X
		2001..	2 077 555	6
		2000..	2 290 108	5
		1999..	2 473 612	3
		1998..	2 796 240	3
		1997..	2 986 768	X
3332911	Paper industry machinery .....	2002..	833 516	X
		2001..	1 138 666	7
		2000..	1 382 773	5
		1999..	1 604 984	4
		1998..	1 763 346	4
		1997..	1 956 175	X
3332913	Parts and attachments for paper industry machinery (sold separately) .....	2002..	585 957	X
		2001..	839 351	10
		2000..	788 721	10
		1999..	729 246	6
		1998..	814 832	5
		1997..	814 234	X
333291W	Paper industry machinery manufacturing, nsk, total .....	2002..	178 144	X
		2001..	99 538	28
		2000..	118 614	27
		1999..	139 382	21
		1998..	218 063	4
		1997..	216 359	X
333292	Textile machinery manufacturing .....	2002..	806 386	X
		2001..	1 051 589	8
		2000..	1 482 901	7
		1999..	1 366 841	6
		1998..	1 543 872	6
		1997..	1 480 767	X
3332921	Textile machinery (except parts, attachments, and accessories) .....	2002..	501 013	X
		2001..	687 280	8
		2000..	1 006 042	9
		1999..	925 082	7
		1998..	1 009 113	6
		1997..	877 516	X
3332923	Parts and attachments for textile machinery .....	2002..	269 175	X
		2001..	337 875	15
		2000..	444 540	14
		1999..	405 462	14
		1998..	451 844	12
		1997..	499 625	X
333292W	Textile machinery manufacturing, nsk, total .....	2002..	36 198	X
		2001..	26 434	71
		2000..	32 318	61
		1999..	36 297	51
		1998..	82 915	49
		1997..	103 626	X
333293	Printing machinery and equipment manufacturing .....	2002..	2 715 551	X
		2001..	2 932 990	3
		2000..	3 504 613	2
		1999..	3 108 909	2
		1998..	3 507 924	4
		1997..	3 211 931	X
3332931	Printing presses, offset lithographic .....	2002..	D	X
		2001..	601 176	2
		2000..	736 149	2
		1999..	548 242	1
		1998..	649 399	7
		1997..	584 387	X
3332933	Printing presses, other than lithographic .....	2002..	347 314	X
		2001..	327 178	7
		2000..	363 364	5
		1999..	294 782	4
		1998..	349 849	8
		1997..	383 117	X
3332935	Typesetting machinery, excluding justifying typewriters .....	2002..	D	X
		2001..	D	S
		2000..	D	S
		1999..	D	S
		1998..	D	S
		1997..	D	X
3332937	Binding machinery and equipment (including paper cutting, collating, and gathering machines) .....	2002..	256 807	X
		2001..	283 090	7
		2000..	407 732	4
		1999..	352 960	4
		1998..	372 808	5
		1997..	354 522	X
3332939	All other miscellaneous printing trades machinery .....	2002..	1 452 066	X
		2001..	D	S
		2000..	D	S
		1999..	D	S
		1998..	D	S
		1997..	D	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
333293W	Printing machinery and equipment manufacturing, nsk, total .....	2002..	280 617	X
		2001..	201 724	6
		2000..	176 562	8
		1999..	175 079	7
		1998..	191 496	2
		1997..	157 394	X
333294	Food product machinery manufacturing .....	2002..	2 583 418	X
		2001..	2 403 626	5
		2000..	2 562 510	5
		1999..	2 614 350	4
		1998..	2 593 006	3
		1997..	2 564 441	X
3332941	Dairy and milk products plant machinery and equipment (except bottling and packaging) .....	2002..	372 700	X
		2001..	184 699	19
		2000..	216 007	12
		1999..	268 851	11
		1998..	276 874	2
		1997..	285 898	X
3332943	Commercial food products machinery (except packaging machinery and food cooking and warming equipment) .....	2002..	991 450	X
		2001..	1 005 784	9
		2000..	1 032 105	8
		1999..	978 706	6
		1998..	1 010 162	4
		1997..	943 885	X
3332945	Industrial machinery and equipment for manufacturing or processing foods, beverages, and animal and fowl feed .....	2002..	966 491	X
		2001..	1 112 047	6
		2000..	1 200 908	5
		1999..	1 219 811	5
		1998..	1 037 651	7
		1997..	1 089 558	X
333294W	Food product machinery manufacturing, nsk, total .....	2002..	252 777	X
		2001..	101 096	41
		2000..	113 490	36
		1999..	146 983	26
		1998..	268 319	9
		1997..	245 100	X
333295	Semiconductor machinery manufacturing .....	2002..	10 874 752	X
		2001..	10 672 938	3
		2000..	18 633 891	2
		1999..	11 328 557	2
		1998..	9 245 593	3
		1997..	10 072 595	X
3332950	Semiconductor manufacturing equipment (except furnaces and ovens, instruments, and photographs) .....	2002..	10 874 752	X
		2001..	10 672 938	3
		2000..	18 633 891	2
		1999..	11 328 557	2
		1998..	9 245 593	3
		1997..	10 072 595	X
333298	All other industrial machinery manufacturing .....	2002..	7 100 484	X
		2001..	8 038 092	4
		2000..	8 202 779	5
		1999..	8 023 502	4
		1998..	7 971 764	3
		1997..	7 908 464	X
3332981	Chemical manufacturing machinery, equipment, and parts .....	2002..	1 376 444	X
		2001..	1 356 555	7
		2000..	1 341 549	6
		1999..	1 308 769	6
		1998..	1 252 136	3
		1997..	1 311 474	X
3332983	Foundry machinery and equipment, excluding patterns and molds .....	2002..	387 893	X
		2001..	371 149	14
		2000..	417 076	13
		1999..	418 042	9
		1998..	343 858	13
		1997..	367 622	X
3332985	Printed circuit board manufacturing machinery, except testing .....	2002..	978 179	X
		2001..	1 071 314	20
		2000..	1 238 053	25
		1999..	1 146 619	21
		1998..	1 093 898	7
		1997..	941 482	X
3332987	All other miscellaneous special industry machinery and equipment .....	2002..	3 734 971	X
		2001..	4 453 953	4
		2000..	4 452 193	3
		1999..	4 450 595	3
		1998..	4 350 493	5
		1997..	4 379 791	X
333298W	All other industrial machinery manufacturing, nsk, total .....	2002..	622 997	X
		2001..	785 122	14
		2000..	753 909	15
		1999..	699 478	14
		1998..	931 378	8
		1997..	908 095	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
333311	Automatic vending machine manufacturing .....	2002..	1 326 091	X
		2001..	1 155 416	5
		2000..	1 220 726	3
		1999..	1 283 359	3
		1998..	1 318 937	2
		1997..	1 245 138	X
3333111	Automatic merchandising machines, coin-operated (vending) (excluding money changing machines and coin-operated mechanisms) .....	2002..	824 047	X
		2001..	739 325	6
		2000..	826 657	5
		1999..	1 011 938	3
		1998..	1 014 726	1
		1997..	924 347	X
3333113	Automatic merchandising machines, coin-operated mechanisms, including time switches .....	2002..	124 903	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3333114	Currency handling machines, including money changing and dispensing machines .....	2002..	317 889	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
333311W	Automatic vending machine manufacturing, nsk, total .....	2002..	59 252	X
		2001..	61 040	3
		2000..	24 823	8
		1999..	57 732	19
		1998..	58 642	3
		1997..	47 290	X
333312	Commercial laundry, drycleaning, and pressing machine manufacturing .....	2002..	543 354	X
		2001..	517 397	5
		2000..	527 706	5
		1999..	713 397	15
		1998..	594 389	1
		1997..	574 333	X
3333120	Commercial laundry, drycleaning, and pressing machines .....	2002..	543 354	X
		2001..	517 397	5
		2000..	527 706	5
		1999..	713 397	15
		1998..	594 389	1
		1997..	574 333	X
333313	Office machinery manufacturing .....	2002..	2 533 664	X
		2001..	2 826 940	6
		2000..	2 535 134	6
		1999..	2 668 692	7
		1998..	2 877 753	2
		1997..	2 870 386	X
3333131	Automatic typing and word processing machines, including parts and attachments .....	2002..	D	X
		2001..	D	S
		2000..	D	S
		1999..	D	S
		1998..	D	S
		1997..	D	X
3333137	Duplicating machines, except parts and attachments .....	2002..	D	X
		2001..	27 935	72
		2000..	42 359	53
		1999..	61 114	32
		1998..	102 764	21
		1997..	129 535	X
333313A	Mailing, letter handling, and addressing machines, except parts and attachments .....	2002..	2 044 821	X
		2001..	1 895 347	5
		2000..	1 406 353	5
		1999..	1 134 531	5
		1998..	1 439 956	1
		1997..	1 405 817	X
333313E	Other electric office machines, including electric pencil sharpeners and electric staplers .....	2002..	77 721	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
333313H	Other office machinery manufacturing .....	2002..	85 316	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
333313J	All other miscellaneous parts and attachments for office machines .....	2002..	166 326	X
		2001..	230 784	8
		2000..	326 990	7
		1999..	536 261	4
		1998..	556 099	4
		1997..	527 617	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
333313W	Office machinery manufacturing, nsk, total .....	2002.. 90 494	X
		2001.. 89 362	69
		2000.. 142 735	43
		1999.. 167 513	57
		1998.. 151 591	20
		1997.. 185 591	X
333314	Optical instrument and lens manufacturing .....	2002.. 2 833 976	X
		2001.. 3 022 291	6
		2000.. 3 279 220	4
		1999.. 3 089 370	8
		1998.. 3 037 359	4
		1997.. 2 959 925	X
3333141	Sighting, tracking, and fire-control equipment, optical-type .....	2002.. 703 108	X
		2001.. 590 172	10
		2000.. 460 664	11
		1999.. 521 925	8
		1998.. 533 499	3
		1997.. 608 261	X
3333143	All other miscellaneous optical instruments and lenses .....	2002.. 1 910 746	X
		2001.. 2 276 705	7
		2000.. 2 662 561	5
		1999.. 2 418 544	10
		1998.. 2 280 900	5
		1997.. 2 159 430	X
333314W	Optical instrument and lens manufacturing, nsk, total .....	2002.. 220 122	X
		2001.. 155 414	23
		2000.. 155 995	25
		1999.. 148 901	26
		1998.. 222 959	12
		1997.. 192 234	X
333315	Photographic and photocopying equipment manufacturing .....	2002.. 1 946 690	X
		2001.. 2 806 256	11
		2000.. 4 003 164	7
		1999.. 4 589 494	6
		1998.. 6 604 623	1
		1997.. 6 292 074	X
3333151	Still picture photographic equipment .....	2002.. 668 028	X
		2001.. 482 364	19
		2000.. 750 378	12
		1999.. 918 148	9
		1998.. 1 005 507	1
		1997.. 1 004 183	X
3333153	Photocopying equipment, including diffusion transfer, dye transfer, electrostatic, light and heat sensitive types, etc. ....	2002.. 591 676	X
		2001.. D	S
		2000.. D	S
		1999.. D	S
		1998.. D	S
		1997.. D	X
3333155	Microfilming, blueprinting, and whiteprinting equipment .....	2002.. 20 710	X
		2001.. 14 076	A
		2000.. 34 221	53
		1999.. 37 798	48
		1998.. 62 878	35
		1997.. 140 190	X
3333157	Motion picture equipment .....	2002.. 386 057	X
		2001.. D	S
		2000.. D	S
		1999.. D	S
		1998.. D	S
		1997.. D	X
333315W	Photographic and photocopying equipment manufacturing, nsk, total .....	2002.. 280 219	X
		2001.. 292 330	27
		2000.. 297 807	27
		1999.. 258 539	31
		1998.. 548 120	5
		1997.. 403 771	X
333319	Other commercial and service industry machinery manufacturing .....	2002.. 10 372 363	X
		2001.. 10 622 812	2
		2000.. 10 705 195	2
		1999.. 9 592 448	2
		1998.. 9 590 091	3
		1997.. 8 888 524	X
3333191	Commercial cooking and food-warming equipment .....	2002.. 2 176 980	X
		2001.. 2 106 849	5
		2000.. 2 125 580	3
		1999.. 2 097 346	3
		1998.. 1 917 015	1
		1997.. 1 811 807	X
3333193	Commercial and industrial vacuum cleaners, including parts and attachments .....	2002.. 455 637	X
		2001.. 697 324	2
		2000.. 722 905	2
		1999.. 746 170	2
		1998.. 629 757	5
		1997.. 595 165	X
3333195	Automotive maintenance equipment, except handtools .....	2002.. 613 888	X
		2001.. 863 881	10
		2000.. 996 370	11
		1999.. 867 405	11
		1998.. 636 019	5

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Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3333195	Automotive maintenance equipment, except handtools—Con.	1997..	630 972	X
3333197	Electronic teaching machines, teaching aids, trainers, and simulators, including kits .....	2002..	1 197 865	X
		2001..	1 518 911	5
		2000..	1 495 679	5
		1999..	792 626	7
		1998..	798 898	1
		1997..	779 213	X
333319A	Miscellaneous machinery products (including flexible metal hose and tubing, metal bellows, etc.), except electrical .....	2002..	5 321 824	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
333319W	Other commercial and service industry machinery manufacturing, nsk, total .....	2002..	606 169	X
		2001..	505 362	10
		2000..	556 134	9
		1999..	436 872	11
		1998..	506 488	8
		1997..	463 967	X
333411	Air purification equipment manufacturing .....	2002..	2 038 235	X
		2001..	1 931 500	5
		2000..	1 991 436	5
		1999..	1 917 055	5
		1998..	1 911 961	5
		1997..	2 101 717	X
3334111	Dust collection and other air purification equipment for industrial gas cleaning systems .....	2002..	636 450	X
		2001..	750 534	7
		2000..	729 994	6
		1999..	569 496	6
		1998..	502 084	10
		1997..	711 872	X
3334113	Dust collection and other air purification equipment for cleaning incoming air .....	2002..	1 340 018	X
		2001..	1 098 503	7
		2000..	1 216 158	6
		1999..	1 268 924	6
		1998..	1 271 655	6
		1997..	1 296 305	X
333411W	Air purification equipment manufacturing, nsk, total .....	2002..	61 767	X
		2001..	82 463	38
		2000..	45 283	68
		1999..	78 636	45
		1998..	138 221	12
		1997..	93 540	X
333412	Industrial and commercial fan and blower manufacturing .....	2002..	1 718 368	X
		2001..	1 999 279	6
		2000..	2 084 332	6
		1999..	2 261 710	6
		1998..	2 337 502	4
		1997..	2 027 565	X
3334120	Industrial and commercial fans and blowers .....	2002..	1 718 368	X
		2001..	1 999 279	6
		2000..	2 084 332	6
		1999..	2 261 710	6
		1998..	2 337 502	4
		1997..	2 027 565	X
333414	Heating equipment (except warm air furnaces) manufacturing .....	2002..	3 902 373	X
		2001..	3 670 326	4
		2000..	3 895 629	3
		1999..	3 715 569	3
		1998..	3 576 169	6
		1997..	3 579 512	X
3334141	Heating boilers, radiators, and convectors, cast iron, except parts .....	2002..	689 301	X
		2001..	438 047	5
		2000..	425 707	1
		1999..	422 520	3
		1998..	404 831	1
		1997..	391 786	X
3334143	Domestic heating stoves, except parts .....	2002..	840 520	X
		2001..	527 418	11
		2000..	502 395	9
		1999..	540 485	6
		1998..	464 710	24
		1997..	556 449	X
3334145	Heating boilers, steam and hot water, steel, 15 p.s.i. or less, except parts .....	2002..	246 438	X
		2001..	240 627	14
		2000..	274 443	7
		1999..	226 998	8
		1998..	208 639	38
		1997..	219 582	X
3334147	Furnaces (floor and wall), heaters (unit and infrared), and mechanical stokers (including parts) .....	2002..	459 732	X
		2001..	488 509	16
		2000..	500 374	11
		1999..	476 843	8
		1998..	443 941	1

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Product class code	Product class		Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3334147	Furnaces (floor and wall), heaters (unit and infrared), and mechanical stokers (including parts)—Con.	1997..	526 335	X
333414A	Heating equipment, other types (including parts for nonelectric heating equipment and oil burners) .....	2002..	1 463 695	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
333414W	Heating equipment (except warm air furnaces) manufacturing, nsk, total .....	2002..	202 687	X
		2001..	204 446	20
		2000..	164 088	25
		1999..	183 620	19
		1998..	371 451	40
		1997..	313 917	X
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....	2002..	23 208 758	X
		2001..	24 006 009	2
		2000..	25 132 490	1
		1999..	25 055 748	1
		1998..	23 651 558	1
		1997..	21 948 350	X
3334152	Heat transfer equipment (except electrically operated dehumidifiers), mechanically refrigerated, self-contained, except motor vehicle mechanical air-conditioning systems .....	2002..	4 974 576	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3334153	Commercial refrigerators and related equipment .....	2002..	2 786 744	X
		2001..	2 794 189	3
		2000..	3 227 933	3
		1999..	3 418 019	2
		1998..	3 213 423	1
		1997..	2 926 753	X
3334155	Refrigeration condensing units, all refrigerants, except ammonia (complete) .....	2002..	263 476	X
		2001..	328 749	34
		2000..	350 869	31
		1999..	365 603	31
		1998..	317 544	1
		1997..	289 689	X
3334156	Room air-conditioners and dehumidifiers, except portable dehumidifiers .....	2002..	856 518	X
		2001..	944 281	1
		2000..	983 766	1
		1999..	1 177 459	1
		1998..	1 033 665	1
		1997..	979 308	X
3334159	All other miscellaneous refrigeration and air-conditioning equipment .....	2002..	937 865	X
		2001..	1 393 730	13
		2000..	1 470 407	13
		1999..	1 413 845	11
		1998..	962 682	3
		1997..	880 266	X
333415A	Compressors and compressor units, all refrigerants, except automotives .....	2002..	2 357 125	X
		2001..	2 914 182	3
		2000..	3 280 374	1
		1999..	2 998 250	1
		1998..	2 860 769	1
		1997..	2 941 370	X
333415C	Warm air furnaces, including duct furnaces and humidifiers, and electric comfort heating .....	2002..	1 975 140	X
		2001..	2 027 891	2
		2000..	1 941 506	2
		1999..	2 047 380	2
		1998..	2 096 604	2
		1997..	1 939 242	X
333415D	Parts and accessories for air-conditioning and heat transfer equipment .....	2002..	1 529 828	X
		2001..	2 022 765	5
		2000..	1 991 736	4
		1999..	2 005 587	4
		1998..	2 110 782	3
		1997..	1 986 124	X
333415E	Unitary air-conditioners, except air source heat pumps .....	2002..	5 486 374	X
		2001..	5 723 830	4
		2000..	5 849 162	3
		1999..	5 499 886	3
		1998..	4 795 248	1
		1997..	4 364 840	X
333415F	Air source heat pumps, except room air-conditioners .....	2002..	1 033 540	X
		2001..	1 001 490	3
		2000..	940 672	3
		1999..	1 014 319	3
		1998..	1 027 279	1
		1997..	1 025 549	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
333415G	Ground and ground water source heat pumps .....	2002..	126 830	X
		2001..	170 970	21
		2000..	174 209	21
		1999..	128 722	7
		1998..	102 279	10
		1997..	88 501	X
333415W	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing, nsk, total .....	2002..	880 742	X
		2001..	511 325	5
		2000..	586 958	3
		1999..	511 706	8
		1998..	443 827	8
		1997..	321 783	X
333511	Industrial mold manufacturing .....	2002..	5 732 650	X
		2001..	5 224 354	3
		2000..	5 823 377	3
		1999..	5 707 892	2
		1998..	5 634 712	2
		1997..	5 715 142	X
3335110	Industrial molds and mold boxes .....	2002..	5 732 650	X
		2001..	5 224 354	3
		2000..	5 823 377	3
		1999..	5 707 892	2
		1998..	5 634 712	2
		1997..	5 715 142	X
333512	Machine tool (metal cutting types) manufacturing .....	2002..	2 520 225	X
		2001..	3 556 663	4
		2000..	4 277 915	3
		1999..	4 076 521	3
		1998..	4 421 632	2
		1997..	4 737 311	X
3335121	Metal gear cutting machines .....	2002..	80 556	X
		2001..	130 814	2
		2000..	164 151	2
		1999..	133 416	10
		1998..	132 992	7
		1997..	181 261	X
3335122	Metal grinding, polishing, buffing, honing, and lapping machines, except gear-tooth grinding, lapping, polishing, and buffing machines .....	2002..	299 044	X
		2001..	608 104	11
		2000..	837 077	8
		1999..	601 902	9
		1998..	491 226	6
		1997..	596 877	X
3335123	Metal lathes (turning machines) numerically and nonnumerically controlled .....	2002..	192 946	X
		2001..	204 705	27
		2000..	266 718	14
		1999..	266 079	15
		1998..	433 138	1
		1997..	489 775	X
3335124	Metal milling machines (excluding machining centers) .....	2002..	51 269	X
		2001..	133 005	9
		2000..	199 426	7
		1999..	252 387	5
		1998..	351 452	5
		1997..	350 026	X
3335125	Machine tools for home workshops, laboratories, garages, etc. (metalworking and primarily metalworking only) .....	2002..	28 009	X
		2001..	97 643	31
		2000..	91 259	31
		1999..	86 913	31
		1998..	47 630	1
		1997..	54 937	X
3335126	Parts for metal cutting-type machine tools (sold separately), including rebuilt and remanufactured metal cutting machine tools .....	2002..	550 915	X
		2001..	622 077	8
		2000..	670 300	7
		1999..	662 110	6
		1998..	684 255	5
		1997..	714 118	X
3335127	Metal machining centers (multifunction numerically controlled machines) .....	2002..	387 065	X
		2001..	507 983	10
		2000..	610 538	6
		1999..	642 038	5
		1998..	894 615	7
		1997..	932 619	X
3335128	Metal station type machines .....	2002..	154 398	X
		2001..	433 292	12
		2000..	491 468	9
		1999..	449 002	4
		1998..	416 582	11
		1997..	543 289	X
3335129	Other metal cutting machine tools (except those designed primarily for home workshops, laboratories, garages, etc.) .....	2002..	455 966	X
		2001..	484 797	9
		2000..	609 535	12
		1999..	628 729	10
		1998..	540 692	8
		1997..	450 333	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
333512A	Metal boring machines and drilling machines (excluding machining centers) .....	2002..	142 487 X
		2001..	151 427 23
		2000..	145 255 23
		1999..	163 956 17
		1998..	215 325 16
		1997..	238 185 X
333512W	Machine tool (metal cutting types) manufacturing, nsk, total .....	2002..	177 570 X
		2001..	182 816 22
		2000..	192 189 21
		1999..	189 989 22
		1998..	213 724 10
		1997..	185 891 X
333513	Machine tool (metal forming types) manufacturing .....	2002..	1 163 449 X
		2001..	1 383 006 5
		2000..	1 767 761 4
		1999..	1 861 191 4
		1998..	2 099 758 3
		1997..	2 183 182 X
3335131	Metal punching and shearing machines (including power and manual) and bending and forming machines (power only) .....	2002..	363 536 X
		2001..	408 193 6
		2000..	535 412 5
		1999..	509 447 5
		1998..	559 827 8
		1997..	601 050 X
3335133	Metalworking presses (except forging and die-stamping presses) .....	2002..	183 333 X
		2001..	200 781 10
		2000..	372 569 7
		1999..	499 818 8
		1998..	418 398 3
		1997..	431 087 X
3335135	Other metal forming machine tools, including forging and die-stamping machines (except metalworking presses) .....	2002..	240 884 X
		2001..	335 859 9
		2000..	495 515 7
		1999..	499 625 5
		1998..	630 772 7
		1997..	590 966 X
3335137	Parts for metal forming machine tools (sold separately), including rebuilt and remanufactured metal forming machine tools .....	2002..	242 298 X
		2001..	194 814 21
		2000..	268 111 15
		1999..	267 866 11
		1998..	419 312 3
		1997..	488 719 X
333513W	Machine tool (metal forming types) manufacturing, nsk, total .....	2002..	133 398 X
		2001..	243 360 8
		2000..	96 154 26
		1999..	84 434 25
		1998..	71 449 21
		1997..	71 360 X
333514	Special die and tool, die set, jig, and fixture manufacturing .....	2002..	7 592 897 X
		2001..	8 035 586 3
		2000..	9 413 777 3
		1999..	9 148 859 2
		1998..	8 962 494 2
		1997..	8 783 065 X
3335140	Special dies, tools, jigs, and fixtures .....	2002..	7 592 897 X
		2001..	8 035 586 3
		2000..	9 413 777 3
		1999..	9 148 859 2
		1998..	8 962 494 2
		1997..	8 783 065 X
333515	Cutting tool and machine tool accessory manufacturing .....	2002..	4 515 287 X
		2001..	4 161 609 3
		2000..	4 843 282 3
		1999..	4 715 994 3
		1998..	5 263 992 3
		1997..	5 001 706 X
3335151	Small cutting tools for machine tools and metalworking machinery .....	2002..	2 877 384 X
		2001..	2 888 969 3
		2000..	3 370 133 3
		1999..	3 294 533 2
		1998..	3 299 341 3
		1997..	3 253 414 X
3335153	Other attachments and accessories for machine tools and metalworking machinery .....	2002..	1 003 773 X
		2001..	912 524 6
		2000..	1 088 287 6
		1999..	1 026 018 5
		1998..	1 219 276 9
		1997..	1 085 230 X
333515W	Cutting tool and machine tool accessory manufacturing, nsk, total .....	2002..	634 130 X
		2001..	360 116 21
		2000..	384 862 19
		1999..	395 443 18
		1998..	745 375 3
		1997..	663 062 X

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
333516	Rolling mill machinery and equipment manufacturing .....	2002..	487 870	X
		2001..	537 624	12
		2000..	586 777	12
		1999..	445 806	6
		1998..	615 406	5
		1997..	666 294	X
3335161	Hot rolling mill machinery (including combination hot and cold) (except tube rolling) .....	2002..	127 880	X
		2001..	126 736	10
		2000..	128 274	8
		1999..	83 212	10
		1998..	183 101	1
		1997..	181 403	X
3335163	Cold rolling mill machinery .....	2002..	67 462	X
		2001..	84 233	28
		2000..	88 392	25
		1999..	64 131	6
		1998..	89 875	4
		1997..	95 007	X
3335165	Other rolling mill machinery (including tube mill machinery) and parts for all rolling mill machinery .....	2002..	263 965	X
		2001..	311 999	19
		2000..	351 970	19
		1999..	273 522	10
		1998..	295 690	9
		1997..	348 676	X
333516W	Rolling mill machinery and equipment manufacturing, nsk, total .....	2002..	28 563	X
		2001..	14 657	34
		2000..	18 140	28
		1999..	24 942	20
		1998..	46 740	4
		1997..	41 208	X
333518	Other metalworking machinery manufacturing .....	2002..	2 635 123	X
		2001..	3 268 042	6
		2000..	3 373 721	4
		1999..	3 378 015	3
		1998..	3 205 569	4
		1997..	3 199 715	X
3335181	Assembly machines .....	2002..	1 849 015	X
		2001..	2 324 085	8
		2000..	2 277 727	4
		1999..	2 259 143	4
		1998..	2 071 695	5
		1997..	2 010 605	X
3335183	Other metalworking machinery (except handheld and ultrasonic) .....	2002..	656 518	X
		2001..	776 537	7
		2000..	913 820	8
		1999..	922 348	6
		1998..	877 824	5
		1997..	868 597	X
333518W	Other metalworking machinery manufacturing, nsk, total .....	2002..	129 590	X
		2001..	167 420	24
		2000..	182 175	22
		1999..	196 524	20
		1998..	256 051	10
		1997..	320 513	X
333611	Turbine and turbine generator set units manufacturing .....	2002..	13 276 992	X
		2001..	11 206 749	1
		2000..	7 807 072	2
		1999..	6 788 142	3
		1998..	6 909 613	1
		1997..	6 594 972	X
3336110	Turbines, turbine generators, and turbine generator sets (including parts) .....	2002..	13 276 992	X
		2001..	11 206 749	1
		2000..	7 807 072	2
		1999..	6 788 142	3
		1998..	6 909 613	1
		1997..	6 594 972	X
333612	Speed changer, industrial high-speed drive, and gear manufacturing .....	2002..	1 935 245	X
		2001..	2 084 514	4
		2000..	2 484 522	6
		1999..	2 472 828	4
		1998..	2 474 609	2
		1997..	2 434 918	X
3336123	Gears .....	2002..	615 241	X
		2001..	691 367	9
		2000..	899 028	13
		1999..	790 523	10
		1998..	732 507	4
		1997..	688 065	X
3336127	Speed changers and industrial high-speed drives .....	2002..	1 243 241	X
		2001..	1 282 648	5
		2000..	1 475 040	5
		1999..	1 516 470	4
		1998..	1 502 780	2
		1997..	1 544 834	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
333612W	Speed changer, industrial high-speed drive, and gear manufacturing, nsk, total .....	2002..	76 763 X
		2001..	110 499 26
		2000..	110 454 27
		1999..	165 834 21
		1998..	239 322 16
		1997..	202 019 X
333613	Mechanical power transmission equipment manufacturing .....	2002..	2 607 800 X
		2001..	2 824 553 5
		2000..	3 001 866 6
		1999..	2 896 274 6
		1998..	3 158 347 3
		1997..	3 023 510 X
3336131	Plain bearings and bushings .....	2002..	484 529 X
		2001..	468 586 8
		2000..	472 899 9
		1999..	426 980 4
		1998..	488 315 3
		1997..	422 123 X
3336133	Mechanical power transmission equipment, except speed changers, drives, and gears .....	2002..	2 119 434 X
		2001..	2 266 740 6
		2000..	2 439 919 7
		1999..	2 429 110 7
		1998..	2 638 249 3
		1997..	2 480 907 X
333613W	Mechanical power transmission equipment manufacturing, nsk, total .....	2002..	3 837 X
		2001..	89 228 36
		2000..	89 048 38
		1999..	40 184 79
		1998..	31 783 A
		1997..	120 480 X
333618	Other engine equipment manufacturing .....	2002..	18 360 263 X
		2001..	19 364 022 2
		2000..	21 102 320 2
		1999..	22 045 920 1
		1998..	19 521 965 1
		1997..	18 651 316 X
3336181	Gasoline and gas-gasoline engines (except aircraft, automobile, highway truck, bus, tank, and outboard marine) .....	2002..	2 575 274 X
		2001..	2 839 871 2
		2000..	2 888 689 2
		1999..	2 804 011 1
		1998..	2 499 266 1
		1997..	2 438 511 X
3336183	Diesel, semidiesel, and dual-fuel engines (except automobile, highway truck, bus, and tank) .....	2002..	2 491 594 X
		2001..	3 104 599 1
		2000..	3 365 213 1
		1999..	4 469 226 1
		1998..	3 133 529 1
		1997..	3 251 257 X
3336185	Diesel, semidiesel, and dual-fuel engines for automobiles, highway trucks, and buses .....	2002..	5 915 792 X
		2001..	6 545 660 5
		2000..	7 258 088 4
		1999..	7 292 586 2
		1998..	7 060 921 1
		1997..	6 401 731 X
3336189	Piston-type natural gas engines, including LPG (liquefied petroleum gas) engines (excluding gas turbines) .....	2002..	283 130 X
		2001..	443 648 7
		2000..	388 789 7
		1999..	455 849 5
		1998..	405 434 1
		1997..	431 767 X
333618B	All other miscellaneous engine equipment .....	2002..	1 030 658 X
		2001..	N N
		2000..	N N
		1999..	N N
		1998..	N N
		1997..	N X
333618F	Parts and accessories for internal combustion engines, except aircraft and gas automotive engines and turbines .....	2002..	5 876 981 X
		2001..	4 556 279 5
		2000..	5 086 131 6
		1999..	5 071 890 6
		1998..	4 585 273 1
		1997..	4 311 222 X
333618W	Other engine equipment manufacturing, nsk, total .....	2002..	186 834 X
		2001..	114 381 24
		2000..	154 439 15
		1999..	144 716 16
		1998..	143 751 24
		1997..	100 516 X
333911	Pump and pumping equipment manufacturing .....	2002..	6 389 694 X
		2001..	6 972 195 4
		2000..	7 327 708 3
		1999..	6 548 986 2
		1998..	6 723 984 3
		1997..	6 116 900 X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3339111	Pump and pumping equipment .....	2002..	5 034 104	X
		2001..	5 387 980	4
		2000..	5 649 391	4
		1999..	4 903 179	2
		1998..	5 260 216	4
		1997..	4 650 241	X
3339115	Parts and attachments for pumps and pumping equipment (except hydraulic fluid power, and air and gas compressors), including locomotive and packaged pumps .....	2002..	1 054 291	X
		2001..	1 318 512	6
		2000..	1 419 057	4
		1999..	1 289 159	4
		1998..	1 237 205	6
		1997..	1 153 674	X
333911W	Pump and pumping equipment manufacturing, nsk, total .....	2002..	301 299	X
		2001..	265 703	34
		2000..	259 260	35
		1999..	356 647	25
		1998..	226 563	39
		1997..	312 985	X
333912	Air and gas compressor manufacturing .....	2002..	4 243 398	X
		2001..	4 661 401	6
		2000..	5 133 280	4
		1999..	5 043 532	3
		1998..	4 441 231	6
		1997..	4 681 070	X
3339121	Air and gas compressors and vacuum pumps .....	2002..	2 621 884	X
		2001..	2 751 977	8
		2000..	3 086 573	5
		1999..	3 068 481	3
		1998..	2 931 086	1
		1997..	2 931 851	X
3339125	Parts and attachments for air and gas compressors (except refrigeration, ice making, and air-conditioning equipment), including packaged compressors .....	2002..	592 670	X
		2001..	831 166	3
		2000..	828 291	3
		1999..	856 647	5
		1998..	704 942	1
		1997..	713 789	X
3339127	Industrial spraying equipment .....	2002..	845 631	X
		2001..	911 585	10
		2000..	1 027 313	11
		1999..	769 164	9
		1998..	722 123	12
		1997..	821 533	X
333912W	Air and gas compressor manufacturing, nsk, total .....	2002..	183 213	X
		2001..	166 673	64
		2000..	191 103	55
		1999..	349 240	24
		1998..	S	S
		1997..	213 897	X
333913	Measuring and dispensing pump manufacturing .....	2002..	867 814	X
		2001..	1 121 605	7
		2000..	1 229 078	5
		1999..	1 254 838	2
		1998..	1 253 269	1
		1997..	1 161 809	X
3339130	Measuring and dispensing pumps .....	2002..	867 814	X
		2001..	1 121 605	7
		2000..	1 229 078	5
		1999..	1 254 838	2
		1998..	1 253 269	1
		1997..	1 161 809	X
333921	Elevator and moving stairway manufacturing .....	2002..	1 878 410	X
		2001..	1 979 909	3
		2000..	1 782 739	3
		1999..	1 631 701	3
		1998..	1 642 204	5
		1997..	1 519 750	X
3339211	Elevators and moving stairways .....	2002..	1 494 911	X
		2001..	1 620 465	4
		2000..	1 410 626	3
		1999..	1 239 808	3
		1998..	1 225 829	7
		1997..	1 139 976	X
3339213	Parts and attachments for elevators and moving stairways (sold separately) .....	2002..	319 591	X
		2001..	304 166	11
		2000..	335 135	9
		1999..	313 792	9
		1998..	331 952	3
		1997..	317 689	X
333921W	Elevator and moving stairway manufacturing, nsk, total .....	2002..	63 908	X
		2001..	55 278	15
		2000..	36 978	22
		1999..	78 100	10
		1998..	84 424	6
		1997..	62 085	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
333922	Conveyor and conveying equipment manufacturing .....	2002..	4 996 400	X
		2001..	5 782 973	4
		2000..	6 392 934	3
		1999..	5 910 497	3
		1998..	5 961 904	3
		1997..	5 695 960	X
3339221	Unit handling conveyors and conveying systems, except hoists and farm elevators .....	2002..	2 170 057	X
		2001..	2 892 535	4
		2000..	3 275 219	4
		1999..	2 956 090	3
		1998..	3 002 898	4
		1997..	2 983 679	X
3339223	Parts, attachments, and accessories for unit handling conveyors and conveying systems (sold separately) .....	2002..	229 482	X
		2001..	478 141	17
		2000..	493 293	15
		1999..	490 828	13
		1998..	295 707	9
		1997..	246 370	X
3339228	Bulk material handling conveyors and conveying systems, except hoists and farm elevators .....	2002..	1 613 963	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3339229	Parts, attachments, and accessories for bulk material handling conveyors and conveying systems (sold separately) .....	2002..	571 327	X
		2001..	644 593	8
		2000..	671 068	9
		1999..	621 510	9
		1998..	509 411	5
		1997..	474 250	X
333922W	Conveyor and conveying equipment manufacturing, nsk, total .....	2002..	411 571	X
		2001..	285 186	25
		2000..	287 876	23
		1999..	299 790	23
		1998..	566 132	6
		1997..	488 501	X
333923	Overhead traveling crane, hoist, and monorail system manufacturing .....	2002..	3 011 424	X
		2001..	4 382 320	4
		2000..	4 834 193	3
		1999..	4 520 411	3
		1998..	3 381 501	3
		1997..	3 210 279	X
3339231	Hoists .....	2002..	455 161	X
		2001..	630 613	9
		2000..	693 783	7
		1999..	601 888	5
		1998..	652 331	7
		1997..	552 502	X
3339233	Overhead traveling cranes and monorail systems .....	2002..	443 862	X
		2001..	568 991	12
		2000..	656 688	10
		1999..	696 835	8
		1998..	636 963	1
		1997..	559 834	X
3339237	Winches, aerial work platforms, and automotive wrecker hoists .....	2002..	2 047 903	X
		2001..	3 063 433	4
		2000..	3 306 665	4
		1999..	3 062 949	4
		1998..	1 909 896	4
		1997..	1 949 579	X
333923W	Overhead traveling crane, hoist, and monorail system manufacturing, nsk, total .....	2002..	64 498	X
		2001..	119 283	46
		2000..	177 057	33
		1999..	158 739	37
		1998..	182 311	13
		1997..	148 364	X
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing .....	2002..	5 105 899	X
		2001..	4 829 142	3
		2000..	5 570 279	2
		1999..	5 257 965	2
		1998..	5 911 091	1
		1997..	5 284 833	X
3339242	Industrial trucks, tractors, mobile straddle carriers and cranes, and automatic stacking machines .....	2002..	3 965 772	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3339243	Parts and attachments for industrial trucks and tractors (sold separately) .....	2002..	1 001 330	X
		2001..	1 045 092	5
		2000..	1 137 301	5
		1999..	1 128 936	6
		1998..	1 066 474	2
		1997..	989 542	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
333924W	Industrial truck, tractor, trailer, and stacker machinery manufacturing, nsk, total .....	2002..	138 797	X
		2001..	162 113	35
		2000..	172 229	33
		1999..	218 371	23
		1998..	339 766	6
		1997..	317 452	X
333991	Power-driven handtool manufacturing .....	2002..	3 445 842	X
		2001..	3 401 872	3
		2000..	4 045 932	2
		1999..	4 015 645	2
		1998..	3 927 040	1
		1997..	3 403 639	X
3339911	Power-driven handtools, pneumatic, hydraulic, and power-actuated .....	2002..	1 085 869	X
		2001..	1 131 998	5
		2000..	1 227 280	3
		1999..	1 133 008	4
		1998..	992 781	1
		1997..	953 256	X
3339913	Power-driven handtools, internal combustion engine driven (including parts) .....	2002..	241 686	X
		2001..	181 842	19
		2000..	165 395	16
		1999..	217 887	10
		1998..	132 645	1
		1997..	230 306	X
3339917	Power-driven handtools, battery-powered (cordless), including parts .....	2002..	589 603	X
		2001..	532 705	1
		2000..	751 115	1
		1999..	728 776	1
		1998..	641 245	1
		1997..	493 947	X
3339919	Power-driven handtools, electric (except battery-powered), including parts .....	2002..	1 379 805	X
		2001..	1 533 238	5
		2000..	1 878 371	3
		1999..	1 820 967	2
		1998..	1 879 353	1
		1997..	1 597 763	X
333991W	Power-driven handtool manufacturing, nsk, total .....	2002..	148 879	X
		2001..	22 090	A
		2000..	23 771	93
		1999..	115 006	17
		1998..	281 017	1
		1997..	128 367	X
333992	Welding and soldering equipment manufacturing .....	2002..	3 535 187	X
		2001..	3 219 066	3
		2000..	3 524 988	3
		1999..	3 728 008	3
		1998..	4 120 368	3
		1997..	4 127 329	X
3339921	Arc welding machines, components, and accessories (except electrodes), except stud welding equipment .....	2002..	1 218 553	X
		2001..	1 092 994	2
		2000..	1 190 132	1
		1999..	1 158 534	2
		1998..	1 425 178	6
		1997..	1 418 821	X
3339923	Arc welding electrodes, metal .....	2002..	682 211	X
		2001..	941 323	5
		2000..	995 866	6
		1999..	1 269 833	4
		1998..	1 262 003	2
		1997..	1 204 369	X
3339927	Resistance welders, components, accessories, and electrodes .....	2002..	820 817	X
		2001..	298 091	14
		2000..	319 840	13
		1999..	344 427	12
		1998..	333 239	3
		1997..	428 290	X
3339929	Gas welding and cutting equipment, parts, attachments, and accessories .....	2002..	311 733	X
		2001..	297 772	10
		2000..	364 667	8
		1999..	309 685	8
		1998..	331 377	1
		1997..	330 193	X
333992A	Other welding equipment, components, and accessories (except arc, resistance, and gas welding equipment) .....	2002..	499 588	X
		2001..	431 537	14
		2000..	553 344	10
		1999..	477 602	7
		1998..	559 680	5
		1997..	512 679	X
333992W	Welding and soldering equipment manufacturing, nsk, total .....	2002..	2 285	X
		2001..	157 350	29
		2000..	101 139	45
		1999..	167 927	26
		1998..	208 890	14
		1997..	232 977	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
333993	Packaging machinery manufacturing .....	2002..	3 764 299	X
		2001..	3 942 442	4
		2000..	4 202 255	3
		1999..	4 119 641	3
		1998..	4 285 917	3
		1997..	4 339 309	X
3339931	Packing, packaging, and bottling machinery (except parts) .....	2002..	3 004 546	X
		2001..	3 208 278	4
		2000..	3 468 385	3
		1999..	3 215 795	2
		1998..	3 345 201	4
		1997..	3 515 923	X
3339935	Parts for packing, packaging, and bottling machinery .....	2002..	658 544	X
		2001..	648 672	5
		2000..	669 165	4
		1999..	705 735	4
		1998..	607 310	7
		1997..	566 412	X
333993W	Packaging machinery manufacturing, nsk, total .....	2002..	101 209	X
		2001..	85 492	83
		2000..	64 706	A
		1999..	198 112	40
		1998..	333 407	6
		1997..	256 974	X
333994	Industrial process furnace and oven manufacturing .....	2002..	1 521 064	X
		2001..	2 229 494	5
		2000..	2 479 290	4
		1999..	2 449 059	4
		1998..	2 749 039	2
		1997..	2 861 613	X
3339940	Industrial furnaces and ovens, and electric industrial heating equipment .....	2002..	1 521 064	X
		2001..	2 229 494	5
		2000..	2 479 290	4
		1999..	2 449 059	4
		1998..	2 749 039	2
		1997..	2 861 613	X
333995	Fluid power cylinder and actuator manufacturing .....	2002..	3 125 008	X
		2001..	3 271 387	4
		2000..	3 447 532	3
		1999..	3 374 542	2
		1998..	3 321 666	2
		1997..	3 175 231	X
3339951	Nonaerospace type hydraulic fluid power cylinders and actuators, linear and rotary .....	2002..	962 343	X
		2001..	1 133 306	8
		2000..	1 254 889	6
		1999..	1 234 248	3
		1998..	1 421 560	3
		1997..	1 382 036	X
3339953	Nonaerospace type pneumatic fluid power cylinders and actuators, linear and rotary .....	2002..	545 716	X
		2001..	445 284	7
		2000..	495 470	6
		1999..	509 176	3
		1998..	449 089	5
		1997..	491 260	X
3339955	Parts for nonaerospace type hydraulic and pneumatic fluid power cylinders and actuators, including accumulators, cushions, etc. ....	2002..	414 513	X
		2001..	387 070	10
		2000..	445 541	10
		1999..	388 299	6
		1998..	342 666	7
		1997..	303 995	X
3339957	Aerospace type fluid power cylinders and actuators, hydraulic and pneumatic .....	2002..	1 002 645	X
		2001..	1 047 825	3
		2000..	1 011 847	3
		1999..	951 063	2
		1998..	971 653	1
		1997..	900 549	X
333995W	Fluid power cylinder and actuator manufacturing, nsk, total .....	2002..	199 791	X
		2001..	257 902	17
		2000..	239 785	12
		1999..	291 756	8
		1998..	136 697	6
		1997..	97 391	X
333996	Fluid power pump and motor manufacturing .....	2002..	2 413 938	X
		2001..	2 087 906	6
		2000..	2 484 215	5
		1999..	2 423 453	4
		1998..	2 654 411	2
		1997..	2 606 309	X
3339961	Nonaerospace type reciprocating fluid power pumps .....	2002..	566 848	X
		2001..	611 317	6
		2000..	694 724	2
		1999..	532 215	2
		1998..	637 785	10
		1997..	661 302	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3339963	Nonaerospace type rotary and other fluid power pumps .....	2002..	504 654	X
		2001..	330 375	3
		2000..	415 095	2
		1999..	460 109	1
		1998..	495 962	2
		1997..	501 080	X
3339965	Nonaerospace type fluid power motors .....	2002..	514 352	X
		2001..	430 772	13
		2000..	515 596	11
		1999..	602 236	2
		1998..	582 432	1
		1997..	541 994	X
3339967	Aerospace type fluid power pumps and motors .....	2002..	252 051	X
		2001..	226 689	17
		2000..	247 197	15
		1999..	223 051	16
		1998..	254 571	4
		1997..	221 735	X
3339969	Parts for fluid power pumps, motors, and hydrostatic transmissions .....	2002..	504 523	X
		2001..	412 130	21
		2000..	523 773	19
		1999..	521 456	17
		1998..	493 317	1
		1997..	502 056	X
333996W	Fluid power pump and motor manufacturing, nsk, total .....	2002..	71 510	X
		2001..	76 624	23
		2000..	87 831	21
		1999..	84 386	21
		1998..	190 344	3
		1997..	178 142	X
333997	Scale and balance (except laboratory) manufacturing .....	2002..	622 423	X
		2001..	628 780	11
		2000..	658 058	10
		1999..	653 178	8
		1998..	615 737	3
		1997..	619 837	X
3339971	Vehicle and industrial scales .....	2002..	316 506	X
		2001..	288 104	8
		2000..	309 393	7
		1999..	319 416	7
		1998..	311 469	6
		1997..	331 007	X
3339973	Retail, commercial, household, and mailing scales .....	2002..	195 336	X
		2001..	244 155	27
		2000..	230 692	25
		1999..	215 317	20
		1998..	141 135	4
		1997..	154 067	X
3339975	Parts, attachments, and accessories for scales and balances, except laboratory .....	2002..	98 878	X
		2001..	72 537	18
		2000..	87 727	14
		1999..	84 087	15
		1998..	113 485	4
		1997..	102 781	X
333997W	Scale and balance (except laboratory) manufacturing, nsk, total .....	2002..	11 703	X
		2001..	23 984	13
		2000..	30 246	12
		1999..	34 358	10
		1998..	49 649	3
		1997..	31 982	X
333999	All other miscellaneous general purpose machinery manufacturing .....	2002..	8 835 114	X
		2001..	8 427 823	2
		2000..	8 969 165	2
		1999..	8 083 086	2
		1998..	7 907 721	2
		1997..	7 908 202	X
3339991	Filters and strainers, except fluid power .....	2002..	2 346 145	X
		2001..	2 108 138	3
		2000..	2 189 846	3
		1999..	1 882 214	3
		1998..	2 077 987	6
		1997..	1 985 617	X
3339993	Filters for hydraulic fluid power systems, nonaerospace .....	2002..	372 465	X
		2001..	322 390	15
		2000..	318 939	17
		1999..	327 126	15
		1998..	322 569	9
		1997..	252 305	X
3339994	Filters for pneumatic fluid power systems, nonaerospace .....	2002..	110 818	X
		2001..	130 444	10
		2000..	135 947	10
		1999..	124 482	10
		1998..	131 643	20
		1997..	137 737	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3339996	Filters for hydraulic and pneumatic fluid power systems, aerospace .....	2002..	137 483 X
		2001..	86 786 1
		2000..	90 609 1
		1999..	71 233 1
		1998..	114 802 6
		1997..	121 694 X
3339997	All other miscellaneous general industrial machinery .....	2002..	3 244 366 X
		2001..	N N
		2000..	N N
		1999..	N N
		1998..	N N
		1997..	N X
333999A	All other miscellaneous machinery products, except electrical .....	2002..	880 139 X
		2001..	N N
		2000..	N N
		1999..	N N
		1998..	N N
		1997..	N X
333999W	All other miscellaneous general purpose machinery manufacturing, nsk, total .....	2002..	1 743 698 X
		2001..	1 249 848 8
		2000..	1 287 990 8
		1999..	820 513 10
		1998..	1 088 167 2
		1997..	874 783 X
334111	Electronic computer manufacturing .....	2002..	40 999 346 X
		2001..	50 827 541 1
		2000..	64 077 775 1
		1999..	63 231 226 1
		1998..	58 953 342 1
		1997..	54 871 866 X
3341111	Host computers, multiusers (mainframes, super computers, medium scale systems, UNIX servers, PC servers) .....	2002..	12 975 408 X
		2001..	17 233 425 1
		2000..	23 023 514 1
		1999..	19 855 690 1
		1998..	15 238 543 1
		1997..	16 584 553 X
3341117	Single user computers, microprocessor-based, capable of supporting attached peripherals (personal computers, workstations, portable computers) .....	2002..	26 376 547 X
		2001..	31 877 416 1
		2000..	39 108 883 1
		1999..	42 049 230 1
		1998..	41 140 203 1
		1997..	34 599 552 X
334111D	Other computers (array, analog, hybrid, and special-use computers) .....	2002..	805 508 X
		2001..	585 432 1
		2000..	987 113 1
		1999..	858 108 1
		1998..	605 668 1
		1997..	1 012 286 X
334111W	Electronic computer manufacturing, nsk, total .....	2002..	841 883 X
		2001..	1 131 268 6
		2000..	958 265 4
		1999..	468 198 5
		1998..	1 968 928 1
		1997..	2 675 475 X
334112	Computer storage device manufacturing .....	2002..	7 628 413 X
		2001..	10 665 823 3
		2000..	11 323 936 2
		1999..	11 867 882 2
		1998..	12 381 502 1
		1997..	13 228 758 X
3341121	Computer storage devices (except parts, attachments, and accessories) .....	2002..	5 461 472 X
		2001..	8 309 969 4
		2000..	9 513 667 2
		1999..	9 298 068 2
		1998..	9 582 183 1
		1997..	10 406 775 X
3341124	Parts, attachments, and accessories for computer storage devices .....	2002..	1 686 810 X
		2001..	1 638 412 4
		2000..	1 581 525 4
		1999..	2 363 479 2
		1998..	2 360 804 1
		1997..	2 340 307 X
334112W	Computer storage device manufacturing, nsk, total .....	2002..	480 131 X
		2001..	717 442 13
		2000..	228 744 45
		1999..	206 335 37
		1998..	438 514 2
		1997..	481 676 X
334113	Computer terminal manufacturing .....	2002..	428 822 X
		2001..	713 205 11
		2000..	647 382 8
		1999..	1 013 653 10
		1998..	1 055 269 7
		1997..	1 522 712 X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3341131	Computer terminals (except point-of-sale and funds-transfer devices, parts, attachments, and accessories) .....	2002..	312 336	X
		2001..	511 069	9
		2000..	418 319	3
		1999..	612 544	7
		1998..	672 257	12
		1997..	1 086 746	X
3341134	Parts, attachments, and accessories for computer terminals (except point-of-sale and funds-transfer devices) .....	2002..	81 889	X
		2001..	116 904	37
		2000..	77 582	20
		1999..	235 761	32
		1998..	183 426	1
		1997..	190 902	X
334113W	Computer terminal manufacturing, nsk, total .....	2002..	34 597	X
		2001..	85 232	51
		2000..	151 482	31
		1999..	165 348	31
		1998..	199 586	5
		1997..	245 064	X
334119	Other computer peripheral equipment manufacturing .....	2002..	16 724 110	X
		2001..	17 776 113	3
		2000..	18 986 233	3
		1999..	20 218 470	3
		1998..	19 462 592	2
		1997..	21 662 541	X
3341191	All other miscellaneous computer peripheral (input/output) equipment (except parts, attachments, and accessories) .....	2002..	10 543 396	X
		2001..	11 731 377	3
		2000..	12 693 199	3
		1999..	13 957 479	2
		1998..	13 362 360	1
		1997..	15 657 143	X
3341194	Parts, subassemblies, and accessories for computer peripheral equipment .....	2002..	2 261 179	X
		2001..	2 412 122	7
		2000..	3 008 172	11
		1999..	2 796 442	11
		1998..	2 626 540	3
		1997..	2 914 383	X
3341197	Point of sale terminals and fund-transfer devices. ....	2002..	797 272	X
		2001..	1 141 332	3
		2000..	949 794	4
		1999..	857 730	7
		1998..	1 112 156	3
		1997..	1 635 769	X
334119D	Parts and attachments for point of sale terminals and fund-transfer devices .....	2002..	81 089	X
		2001..	124 982	13
		2000..	135 287	19
		1999..	139 489	15
		1998..	175 756	4
		1997..	170 816	X
334119W	Other computer peripheral equipment manufacturing, nsk, total .....	2002..	3 041 174	X
		2001..	2 366 301	12
		2000..	2 199 781	12
		1999..	2 467 330	11
		1998..	2 185 779	16
		1997..	1 284 430	X
334210	Telephone apparatus manufacturing .....	2002..	26 011 833	X
		2001..	49 191 504	5
		2000..	58 787 605	3
		1999..	48 843 999	2
		1998..	40 270 959	1
		1997..	37 288 172	X
3342101	Telephone switching and switchboard equipment .....	2002..	7 095 863	X
		2001..	11 988 078	3
		2000..	14 265 323	3
		1999..	13 203 596	3
		1998..	12 464 315	1
		1997..	10 491 799	X
3342104	Telephone and telegraph (wire) apparatus, carrier line equipment (office and line repeaters and line terminating carrier equipment) and nonconsumer modems, including auxiliary sets .....	2002..	4 162 776	X
		2001..	10 975 488	10
		2000..	15 732 127	11
		1999..	10 681 839	7
		1998..	8 446 564	1
		1997..	7 461 823	X
3342107	Other telephone and telegraph (wire) apparatus, including telephone sets, telephone answering, and fax machines .....	2002..	12 875 107	X
		2001..	23 577 321	8
		2000..	27 453 395	2
		1999..	24 691 800	3
		1998..	19 046 381	1
		1997..	19 081 252	X
334210W	Telephone apparatus manufacturing, nsk, total .....	2002..	1 878 087	X
		2001..	2 650 617	6
		2000..	1 336 760	3
		1999..	266 763	14
		1998..	313 698	4
		1997..	253 298	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
334220	Radio and television broadcasting and wireless communications equipment manufacturing .....	2002..	X
		2001..	2
		2000..	2
		1999..	1
		1998..	1
		1997..	X
3342201	Communication systems and equipment, including microwave equipment, and space satellites (except broadcast) .....	2002..	X
		2001..	2
		2000..	2
		1999..	1
		1998..	1
		1997..	X
3342202	Broadcast, studio, and related electronic equipment .....	2002..	X
		2001..	N
		2000..	N
		1999..	N
		1998..	N
		1997..	X
334220W	Radio and television broadcasting and wireless communications equipment manufacturing, nsk, total .....	2002..	X
		2001..	10
		2000..	4
		1999..	11
		1998..	1
		1997..	X
334290	Other communications equipment manufacturing .....	2002..	X
		2001..	5
		2000..	3
		1999..	2
		1998..	2
		1997..	X
3342901	Alarm systems, including electric sirens and horns .....	2002..	X
		2001..	7
		2000..	3
		1999..	3
		1998..	2
		1997..	X
3342902	Vehicular and pedestrian traffic control equipment, including electric railway signals and attachments .....	2002..	X
		2001..	4
		2000..	5
		1999..	4
		1998..	4
		1997..	X
3342903	Intercommunications systems, including inductive paging systems (selective paging), except telephone and telegraph .....	2002..	X
		2001..	11
		2000..	8
		1999..	7
		1998..	4
		1997..	X
334290W	Other communications equipment manufacturing, nsk, total .....	2002..	X
		2001..	19
		2000..	11
		1999..	16
		1998..	3
		1997..	X
334310	Audio and video equipment manufacturing .....	2002..	X
		2001..	5
		2000..	4
		1999..	3
		1998..	2
		1997..	X
3343101	Home, portable, and automobile radios and radio-phonograph-tape recorder-compact disc combinations .....	2002..	X
		2001..	9
		2000..	9
		1999..	8
		1998..	7
		1997..	X
3343102	Television receivers, including combination models .....	2002..	X
		2001..	8
		2000..	6
		1999..	4
		1998..	3
		1997..	X
3343104	Speakers, including loudspeaker systems and loudspeakers sold separately, and commercial sound equipment .....	2002..	X
		2001..	15
		2000..	11
		1999..	7
		1998..	4
		1997..	X
3343105	Other consumer audio and video equipment, including audio and video recorders and players (camcorders) .....	2002..	X
		2001..	N
		2000..	N
		1999..	N
		1998..	N
		1997..	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
334310W	Audio and video equipment manufacturing, nsk, total .....	2002..	380 498	X
		2001..	410 369	12
		2000..	290 990	7
		1999..	242 300	8
		1998..	328 934	2
		1997..	235 405	X
334411	Electron tube manufacturing .....	2002..	3 248 301	X
		2001..	3 303 343	1
		2000..	3 899 771	1
		1999..	4 032 565	1
		1998..	4 203 753	1
		1997..	4 219 906	X
3344111	Transmittal, industrial, and special-purpose electron tubes (except X-ray) .....	2002..	584 845	X
		2001..	627 242	2
		2000..	560 423	2
		1999..	638 195	2
		1998..	596 622	1
		1997..	577 989	X
3344114	Receiving-type electron tubes, including cathode ray (new and rebuilt) .....	2002..	2 515 608	X
		2001..	2 492 104	1
		2000..	3 129 926	1
		1999..	3 189 427	1
		1998..	3 386 012	1
		1997..	3 394 462	X
3344117	Electron tube parts .....	2002..	87 642	X
		2001..	95 153	5
		2000..	127 226	9
		1999..	117 874	4
		1998..	154 956	1
		1997..	156 671	X
334411W	Electron tube manufacturing, nsk, total .....	2002..	60 206	X
		2001..	88 844	1
		2000..	82 196	1
		1999..	87 070	1
		1998..	66 164	19
		1997..	90 784	X
334412	Bare printed circuit board manufacturing .....	2002..	6 590 255	X
		2001..	9 756 903	3
		2000..	12 884 342	3
		1999..	10 173 392	4
		1998..	9 665 102	2
		1997..	8 724 756	X
3344120	Bare printed circuit boards .....	2002..	6 590 255	X
		2001..	9 756 903	3
		2000..	12 884 342	3
		1999..	10 173 392	4
		1998..	9 665 102	2
		1997..	8 724 756	X
334413	Semiconductor and related device manufacturing .....	2002..	59 638 522	X
		2001..	61 381 590	5
		2000..	88 846 836	2
		1999..	81 230 983	1
		1998..	72 891 800	1
		1997..	76 185 822	X
3344131	Integrated microcircuits, including semiconductor networks, microprocessors, and MOS memories .....	2002..	49 483 874	X
		2001..	47 471 533	6
		2000..	73 428 984	2
		1999..	63 828 439	1
		1998..	57 673 421	1
		1997..	60 277 163	X
3344134	Transistors .....	2002..	861 073	X
		2001..	869 553	1
		2000..	1 266 024	3
		1999..	1 089 151	3
		1998..	715 841	13
		1997..	1 661 296	X
3344137	Diodes and rectifiers .....	2002..	454 387	X
		2001..	431 653	5
		2000..	697 096	7
		1999..	1 076 225	9
		1998..	991 491	6
		1997..	1 200 564	X
334413A	Other semiconductor devices, including semiconductor parts such as chips, wafers, and heat sinks .....	2002..	6 836 388	X
		2001..	8 622 374	8
		2000..	10 224 983	7
		1999..	13 368 309	5
		1998..	11 331 141	3
		1997..	11 202 336	X
334413W	Semiconductor and related device manufacturing, nsk, total .....	2002..	2 002 800	X
		2001..	3 986 477	6
		2000..	3 229 749	7
		1999..	1 868 859	12
		1998..	2 179 906	8
		1997..	1 844 463	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
334414	Electronic capacitor manufacturing .....	2002..	1 365 970	X
		2001..	1 813 494	7
		2000..	2 724 449	2
		1999..	2 004 841	3
		1998..	1 889 809	1
		1997..	2 128 486	X
3344140	Capacitors for electronic circuitry .....	2002..	1 365 970	X
		2001..	1 813 494	7
		2000..	2 724 449	2
		1999..	2 004 841	3
		1998..	1 889 809	1
		1997..	2 128 486	X
334415	Electronic resistor manufacturing .....	2002..	681 181	X
		2001..	816 974	4
		2000..	948 342	4
		1999..	988 736	3
		1998..	1 024 461	4
		1997..	1 098 006	X
3344150	Resistors for electronic circuitry .....	2002..	681 181	X
		2001..	816 974	4
		2000..	948 342	4
		1999..	988 736	3
		1998..	1 024 461	4
		1997..	1 098 006	X
334416	Electronic coil, transformer, and other inductor manufacturing .....	2002..	1 174 227	X
		2001..	1 592 739	5
		2000..	1 924 963	5
		1999..	1 605 982	4
		1998..	1 496 843	6
		1997..	1 622 026	X
3344160	Electronic coils, transformers, and other inductors .....	2002..	1 174 227	X
		2001..	1 592 739	5
		2000..	1 924 963	5
		1999..	1 605 982	4
		1998..	1 496 843	6
		1997..	1 622 026	X
334417	Electronic connector manufacturing .....	2002..	3 840 305	X
		2001..	4 375 269	5
		2000..	5 474 107	3
		1999..	5 096 418	4
		1998..	5 243 145	1
		1997..	5 652 449	X
3344171	Coaxial (RF) connectors for electronic circuitry .....	2002..	487 894	X
		2001..	522 008	7
		2000..	720 628	6
		1999..	746 362	4
		1998..	817 487	2
		1997..	676 224	X
3344174	Cylindrical connectors for electronic circuitry .....	2002..	525 616	X
		2001..	641 902	4
		2000..	684 268	2
		1999..	552 270	1
		1998..	614 469	3
		1997..	602 702	X
3344177	Rack and panel (rectangular) connectors for electronic circuitry .....	2002..	281 953	X
		2001..	462 827	23
		2000..	564 220	14
		1999..	365 375	5
		1998..	468 416	1
		1997..	579 598	X
334417A	Printed circuit connectors for electronic circuitry .....	2002..	771 576	X
		2001..	1 103 090	7
		2000..	1 811 252	5
		1999..	1 307 068	6
		1998..	1 231 338	1
		1997..	1 353 679	X
334417D	Other connectors for electronic circuitry, including parts .....	2002..	1 555 450	X
		2001..	1 396 226	13
		2000..	1 439 207	9
		1999..	1 881 294	9
		1998..	1 804 450	1
		1997..	2 162 527	X
334417W	Electronic connector manufacturing, nsk, total .....	2002..	217 816	X
		2001..	249 216	13
		2000..	254 532	13
		1999..	244 050	17
		1998..	306 985	4
		1997..	277 719	X
334418	Printed circuit assembly (electronic assembly) manufacturing .....	2002..	22 936 486	X
		2001..	29 920 875	5
		2000..	35 235 546	4
		1999..	30 475 541	4
		1998..	26 312 020	1
		1997..	28 544 444	X
3344184	External modems, consumer .....	2002..	429 309	X
		2001..	451 195	15
		2000..	529 805	18
		1999..	493 147	8
		1998..	1 025 441	3
		1997..	990 981	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
334418B	Printed circuit assemblies, loaded boards and modules (printed circuit boards with inserted electronic components) .....	2002.. 21 279 167	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
334418W	Printed circuit assembly (electronic assembly) manufacturing, nsk, total .....	2002.. 1 228 010	X
		2001.. 971 960	12
		2000.. 1 341 938	9
		1999.. 468 583	25
		1998.. 330 990	22
		1997.. 546 586	X
334419	Other electronic component manufacturing .....	2002.. 10 135 639	X
		2001.. 10 258 452	4
		2000.. 11 955 540	4
		1999.. 11 032 755	3
		1998.. 10 483 879	2
		1997.. 10 574 874	X
3344191	Crystals, filters, piezoelectric, and other related electronic devices (except microwave filters) .....	2002.. 775 910	X
		2001.. 1 089 431	7
		2000.. 1 301 204	6
		1999.. 1 133 426	4
		1998.. 1 027 307	5
		1997.. 964 480	X
3344194	All other miscellaneous transducers, including electrical-electronic input/output transducers .....	2002.. 1 218 862	X
		2001.. 1 419 931	9
		2000.. 1 411 546	9
		1999.. 1 230 064	4
		1998.. 1 366 951	1
		1997.. 1 261 240	X
3344197	Switches, mechanical, for electronic circuitry .....	2002.. 861 312	X
		2001.. 870 554	7
		2000.. 1 029 469	7
		1999.. 823 129	10
		1998.. 771 866	5
		1997.. 822 899	X
334419A	Microwave components and devices, except antennae, tubes, and semiconductors .....	2002.. 1 574 424	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
334419E	All other miscellaneous electronic components .....	2002.. 4 526 037	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
334419W	Other electronic component manufacturing, nsk, total .....	2002.. 1 179 094	X
		2001.. 1 196 823	11
		2000.. 1 119 668	12
		1999.. 1 026 782	12
		1998.. 1 129 810	7
		1997.. 1 475 989	X
334510	Electromedical and electrotherapeutic apparatus manufacturing .....	2002.. 14 962 039	X
		2001.. 12 574 450	2
		2000.. 12 071 698	2
		1999.. 11 303 641	1
		1998.. 11 266 603	1
		1997.. 10 424 529	X
3345101	Electromedical equipment, including diagnostic, therapeutic, and patient monitoring equipment (excluding ionizing radiation equipment) .....	2002.. 13 577 423	X
		2001.. 11 381 329	2
		2000.. 11 055 339	2
		1999.. 10 437 200	1
		1998.. 10 341 151	1
		1997.. 9 414 822	X
3345103	Electronic hearing aids, complete units .....	2002.. 878 613	X
		2001.. 813 498	15
		2000.. 626 796	5
		1999.. 569 984	4
		1998.. 594 361	1
		1997.. 585 336	X
334510W	Electromedical and electrotherapeutic apparatus manufacturing, nsk, total .....	2002.. 506 003	X
		2001.. 379 623	13
		2000.. 389 563	13
		1999.. 296 457	17
		1998.. 331 092	18
		1997.. 424 371	X
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....	2002.. 30 291 288	X
		2001.. 32 192 070	1
		2000.. 30 364 560	1
		1999.. 29 759 964	1
		1998.. 29 978 674	1
		1997.. 29 806 887	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3345111	Aeronautical, nautical, and navigational instruments, not sending or receiving radio signals (except engine instruments) .....	2002..	2 719 439	X
		2001..	3 044 151	5
		2000..	2 707 310	5
		1999..	2 855 456	3
		1998..	2 586 829	1
3345113	Search, detection, navigation, and guidance systems and equipment .....	2002..	26 787 072	X
		2001..	28 796 786	1
		2000..	27 330 611	1
		1999..	26 524 613	1
		1998..	26 867 502	1
334511W	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing, nsk, total .....	2002..	784 777	X
		2001..	351 133	31
		2000..	326 639	33
		1999..	379 895	27
		1998..	524 342	5
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use .....	2002..	2 505 684	X
		2001..	2 890 693	4
		2000..	3 262 760	3
		1999..	3 033 918	3
		1998..	3 044 868	3
3345120	Automatic environmental controls for monitoring residential, commercial, and appliance use .....	2002..	2 505 684	X
		2001..	2 890 693	4
		2000..	3 262 760	3
		1999..	3 033 918	3
		1998..	3 044 868	3
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables .....	2002..	6 778 451	X
		2001..	7 286 453	3
		2000..	7 652 575	2
		1999..	7 312 584	2
		1998..	7 255 870	3
3345130	Process control instruments .....	2002..	6 778 451	X
		2001..	7 286 453	3
		2000..	7 652 575	2
		1999..	7 312 584	2
		1998..	7 255 870	3
334514	Totalizing fluid meter and counting device manufacturing .....	2002..	5 237 782	X
		2001..	4 665 186	5
		2000..	4 945 855	5
		1999..	4 613 590	2
		1998..	4 219 521	1
3345141	Integrating and totalizing meters for gas and liquids .....	2002..	1 421 203	X
		2001..	1 146 423	4
		2000..	1 111 308	4
		1999..	1 108 267	4
		1998..	1 184 682	1
3345143	Counting devices, excluding motor vehicle instruments .....	2002..	466 265	X
		2001..	464 043	5
		2000..	549 119	5
		1999..	481 910	7
		1998..	442 103	1
3345145	Motor vehicle instruments .....	2002..	3 106 983	X
		2001..	2 937 877	7
		2000..	3 170 827	7
		1999..	2 888 893	3
		1998..	2 401 225	1
334514W	Totalizing fluid meter and counting device manufacturing, nsk, total .....	2002..	243 331	X
		2001..	116 843	17
		2000..	114 601	18
		1999..	134 519	11
		1998..	191 511	1
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	2002..	9 490 633	X
		2001..	11 933 806	3
		2000..	15 074 029	3
		1999..	12 653 408	2
		1998..	12 283 648	2
3345151	Electrical integrating instruments .....	2002..	665 297	X
		2001..	517 750	3
		2000..	510 214	4
		1999..	498 834	4
		1998..	495 487	1
		1997..	484 671	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3345153	Test equipment for testing electrical, radio, and communication circuits, and motors (except portable instrument transformers) .....	2002..	7 794 502	X
		2001..	10 336 132	3
		2000..	13 493 100	4
		1999..	11 147 234	2
		1998..	10 684 750	2
		1997..	11 253 180	X
3345155	Other instruments to measure electricity .....	2002..	374 339	X
		2001..	389 859	12
		2000..	426 561	12
		1999..	397 958	9
		1998..	380 324	10
		1997..	486 394	X
334515W	Instrument manufacturing for measuring and testing electricity and electrical signals, nsk, total .....	2002..	656 495	X
		2001..	690 064	19
		2000..	644 154	20
		1999..	609 382	20
		1998..	723 087	6
		1997..	809 127	X
334516	Analytical laboratory instrument manufacturing .....	2002..	7 130 058	X
		2001..	7 485 288	3
		2000..	6 710 447	3
		1999..	6 544 837	2
		1998..	6 182 505	1
		1997..	6 140 026	X
3345160	Analytical and scientific instruments, except optical .....	2002..	7 130 058	X
		2001..	7 485 288	3
		2000..	6 710 447	3
		1999..	6 544 837	2
		1998..	6 182 505	1
		1997..	6 140 026	X
334517	Irradiation apparatus manufacturing .....	2002..	4 512 657	X
		2001..	4 236 994	3
		2000..	4 077 537	3
		1999..	3 623 332	3
		1998..	3 581 067	1
		1997..	3 393 643	X
3345170	Irradiation (ionizing radiation) equipment .....	2002..	4 512 657	X
		2001..	4 236 994	3
		2000..	4 077 537	3
		1999..	3 623 332	3
		1998..	3 581 067	1
		1997..	3 393 643	X
334518	Watch, clock, and part manufacturing .....	2002..	618 512	X
		2001..	723 324	7
		2000..	784 337	7
		1999..	850 736	4
		1998..	793 773	2
		1997..	751 060	X
3345182	Watches, watchcases, movements, and modules (including watch parts) .....	2002..	99 646	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3345184	Clocks, timing mechanisms, time recording and time stamp devices, time switches, clock movements, and clock cases (including parts) .....	2002..	501 975	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
334518W	Watch, clock, and part manufacturing, nsk, total .....	2002..	16 891	X
		2001..	88 363	10
		2000..	51 563	17
		1999..	32 104	31
		1998..	43 488	15
		1997..	36 206	X
334519	Other measuring and controlling device manufacturing .....	2002..	5 224 883	X
		2001..	5 198 976	3
		2000..	5 277 063	3
		1999..	4 931 621	3
		1998..	5 197 329	2
		1997..	5 004 377	X
3345192	Aircraft engine instruments, except flight .....	2002..	877 026	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3345194	Physical properties testing and inspection equipment and kinematic testing and measuring equipment .....	2002..	1 736 386	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3345195	Nuclear radiation detection and monitoring instruments .....	2002.. 537 392	X
		2001.. 533 208	7
		2000.. 536 100	7
		1999.. 523 245	6
		1998.. 579 110	2
		1997.. 502 142	X
3345197	Commercial, geophysical, meteorological, and general-purpose instruments and equipment, except medical thermometers .....	2002.. 1 416 410	X
		2001.. 1 202 267	9
		2000.. 1 170 421	7
		1999.. 1 126 750	6
		1998.. 1 339 436	4
		1997.. 1 543 851	X
3345199	Survey and drafting instruments and apparatus, including photogrammetric equipment .....	2002.. 237 744	X
		2001.. 276 346	6
		2000.. 326 028	5
		1999.. 308 571	5
		1998.. 300 245	6
		1997.. 344 853	X
334519W	Other measuring and controlling device manufacturing, nsk, total .....	2002.. 419 925	X
		2001.. 509 186	17
		2000.. 518 727	17
		1999.. 528 262	15
		1998.. 612 232	9
		1997.. 524 719	X
334611	Software reproducing .....	2002.. 636 073	X
		2001.. 534 172	21
		2000.. 600 323	18
		1999.. 606 970	15
		1998.. 1 746 314	9
		1997.. 1 350 212	X
3346110	Software reproducing .....	2002.. 636 073	X
		2001.. 534 172	21
		2000.. 600 323	18
		1999.. 606 970	15
		1998.. 1 746 314	9
		1997.. 1 350 212	X
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	2002.. 4 248 930	X
		2001.. 4 159 277	6
		2000.. 4 435 176	5
		1999.. 4 023 360	4
		1998.. 4 144 817	1
		1997.. 3 702 377	X
3346120	Reproduction of recording media .....	2002.. 4 248 930	X
		2001.. 4 159 277	6
		2000.. 4 435 176	5
		1999.. 4 023 360	4
		1998.. 4 144 817	1
		1997.. 3 702 377	X
334613	Magnetic and optical recording media manufacturing .....	2002.. 2 564 267	X
		2001.. 2 643 233	8
		2000.. 3 747 097	5
		1999.. 4 440 192	3
		1998.. 4 938 838	1
		1997.. 5 913 679	X
3346130	Magnetic and optical recording media .....	2002.. 2 564 267	X
		2001.. 2 643 233	8
		2000.. 3 747 097	5
		1999.. 4 440 192	3
		1998.. 4 938 838	1
		1997.. 5 913 679	X
335110	Electric lamp bulb and part manufacturing .....	2002.. 2 483 905	X
		2001.. 2 389 049	7
		2000.. 2 941 311	4
		1999.. 2 878 234	5
		1998.. 3 218 174	1
		1997.. 3 166 277	X
3351101	Electric lamp bulbs and tubes (including sealed beam lamp bulbs) .....	2002.. 2 155 760	X
		2001.. 2 172 118	7
		2000.. 2 614 506	5
		1999.. 2 556 949	5
		1998.. 2 913 487	1
		1997.. 2 868 070	X
3351103	Electric lamp (bulbs and tubes) components (including bases, supports, lead-ins, filaments, etc.), except lamp bulb blanks .....	2002.. 319 360	X
		2001.. 202 006	4
		2000.. 311 202	4
		1999.. 301 572	3
		1998.. 298 989	2
		1997.. 294 136	X
335110W	Electric lamp bulb and part manufacturing, nsk, total .....	2002.. 8 785	X
		2001.. 14 925	1
		2000.. 15 602	1
		1999.. 19 714	2
		1998.. 5 699	15
		1997.. 4 071	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
335121	Residential electric lighting fixture manufacturing .....	2002.. 1 944 915	X
		2001.. 1 714 307	6
		2000.. 2 041 229	5
		1999.. 2 149 579	7
		1998.. 2 097 047	2
		1997.. 2 004 211	X
3351211	Residential-type electric lighting fixtures (except portable), including parts and accessories .....	2002.. 1 251 934	X
		2001.. 988 604	5
		2000.. 1 220 890	6
		1999.. 1 347 239	10
		1998.. 1 276 354	3
		1997.. 1 182 877	X
3351214	Residential-type portable lighting fixtures, including parts and accessories .....	2002.. 623 196	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
335121W	Residential electric lighting fixture manufacturing, nsk, total .....	2002.. 69 785	X
		2001.. 73 209	21
		2000.. 110 447	16
		1999.. 90 515	19
		1998.. 160 381	2
		1997.. 118 116	X
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing .....	2002.. 3 895 005	X
		2001.. 4 730 441	4
		2000.. 4 646 870	4
		1999.. 4 600 783	4
		1998.. 4 689 809	1
		1997.. 4 252 066	X
3351221	Commercial and institutional-type electric lighting fixtures, including parts and accessories .....	2002.. 2 640 366	X
		2001.. 3 619 946	4
		2000.. 3 797 086	4
		1999.. 3 656 484	5
		1998.. 3 643 741	2
		1997.. 3 295 582	X
3351222	Industrial-type electric lighting fixtures, including parts and accessories .....	2002.. 1 132 034	X
		2001.. 746 434	14
		2000.. 720 423	9
		1999.. 821 952	6
		1998.. 843 834	3
		1997.. 788 249	X
335122W	Commercial, industrial, and institutional electric lighting fixture manufacturing, nsk, total .....	2002.. 122 605	X
		2001.. 364 061	4
		2000.. 129 362	11
		1999.. 122 347	11
		1998.. 202 233	3
		1997.. 168 235	X
335129	Other lighting equipment manufacturing .....	2002.. 3 508 838	X
		2001.. 3 156 753	3
		2000.. 3 246 770	3
		1999.. 3 242 938	2
		1998.. 3 241 396	5
		1997.. 2 882 575	X
3351291	Outdoor lighting equipment (including parts and accessories) .....	2002.. 1 885 794	X
		2001.. 1 950 047	3
		2000.. 1 923 840	3
		1999.. 2 003 447	2
		1998.. 1 888 117	5
		1997.. 1 691 291	X
3351294	All other miscellaneous electric and nonelectric lighting equipment, including hand portable, parts and accessories .....	2002.. 1 555 007	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
335129W	Other lighting equipment manufacturing, nsk, total .....	2002.. 68 037	X
		2001.. 109 289	10
		2000.. 146 957	7
		1999.. 107 785	10
		1998.. 158 790	5
		1997.. 125 330	X
335211	Electric housewares and household fan manufacturing .....	2002.. 2 103 830	X
		2001.. 1 779 462	12
		2000.. 2 178 223	11
		1999.. 2 094 961	9
		1998.. 2 555 997	5
		1997.. 2 640 941	X
3352111	Electric fans, except industrial type .....	2002.. 614 029	X
		2001.. 661 377	22
		2000.. 711 125	19
		1999.. 476 774	18
		1998.. 859 235	4
		1997.. 874 427	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3352114	Small electric household appliances, except fans and wall and baseboard heating units for permanent installation .....	2002..	1 309 978	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3352115	Parts and attachments for small household electric appliances .....	2002..	70 880	X
		2001..	100 096	8
		2000..	89 870	8
		1999..	94 913	6
		1998..	179 274	69
		1997..	120 636	X
335211W	Electric housewares and household fan manufacturing, nsk, total .....	2002..	108 943	X
		2001..	145 715	58
		2000..	138 142	61
		1999..	66 324	A
		1998..	87 091	40
		1997..	138 799	X
335212	Household vacuum cleaner manufacturing .....	2002..	1 857 630	X
		2001..	2 342 007	1
		2000..	2 717 940	1
		1999..	2 284 249	1
		1998..	2 364 602	1
		1997..	2 313 782	X
3352121	Household vacuum cleaners, upright-stick type, including parts .....	2002..	D	X
		2001..	D	S
		2000..	D	S
		1999..	D	S
		1998..	D	S
		1997..	D	X
3352122	Floor waxing and floor polishing machines and parts .....	2002..	D	X
		2001..	D	S
		2000..	D	S
		1999..	D	S
		1998..	D	S
		1997..	D	X
335212W	Household vacuum cleaner manufacturing, nsk, total .....	2002..	55 001	X
		2001..	122 928	1
		2000..	129 664	1
		1999..	11 464	1
		1998..	4 534	1
		1997..	1 470	X
335221	Household cooking appliance manufacturing .....	2002..	4 129 322	X
		2001..	4 001 351	2
		2000..	4 248 909	1
		1999..	4 237 461	1
		1998..	4 047 393	7
		1997..	3 632 666	X
3352211	Electric (including microwave) household ranges, ovens, surface cooking units, and equipment .....	2002..	1 927 586	X
		2001..	1 884 714	3
		2000..	1 986 215	1
		1999..	1 932 992	1
		1998..	1 920 064	2
		1997..	1 829 108	X
3352213	Gas household ranges, ovens, surface cooking units, and equipment (including parts and accessories) .....	2002..	997 912	X
		2001..	848 426	4
		2000..	872 725	3
		1999..	868 600	2
		1998..	1 054 606	25
		1997..	868 329	X
3352215	Other household ranges and cooking equipment .....	2002..	1 172 107	X
		2001..	1 230 770	2
		2000..	1 290 693	2
		1999..	1 386 169	2
		1998..	1 052 793	2
		1997..	924 725	X
335221W	Household cooking appliance manufacturing, nsk, total .....	2002..	31 717	X
		2001..	37 441	19
		2000..	99 275	7
		1999..	49 700	14
		1998..	19 931	1
		1997..	10 504	X
335222	Household refrigerator and home freezer manufacturing .....	2002..	5 354 924	X
		2001..	5 170 066	1
		2000..	5 522 333	1
		1999..	5 638 744	1
		1998..	5 194 676	1
		1997..	4 828 356	X
3352221	Household refrigerators, including combination refrigerator-freezers .....	2002..	4 768 642	X
		2001..	4 677 276	1
		2000..	4 993 529	1
		1999..	5 062 763	1
		1998..	4 698 623	1
		1997..	4 430 327	X

See footnotes at end of table.

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3352222	Household food freezers, complete units .....	2002.. D	X
		2001.. 417 189	1
		2000.. 451 137	1
		1999.. 498 083	1
		1998.. 429 594	1
		1997.. 330 920	X
3352223	Parts and attachments for household refrigerators and freezers .....	2002.. D	X
		2001.. 68 311	17
		2000.. 71 490	16
		1999.. 70 760	16
		1998.. 59 546	2
		1997.. 61 927	X
335222W	Household refrigerator and home freezer manufacturing, nsk, total .....	2002.. 275	X
		2001.. 7 290	1
		2000.. 6 177	1
		1999.. 7 137	1
		1998.. 6 913	1
		1997.. 5 182	X
335224	Household laundry equipment manufacturing .....	2002.. 4 352 179	X
		2001.. 4 548 882	1
		2000.. 4 419 534	1
		1999.. 4 364 644	1
		1998.. 4 248 905	1
		1997.. 3 710 478	X
3352240	Household laundry equipment .....	2002.. 4 352 179	X
		2001.. 4 548 882	1
		2000.. 4 419 534	1
		1999.. 4 364 644	1
		1998.. 4 248 905	1
		1997.. 3 710 478	X
335228	Other major household appliance manufacturing .....	2002.. 3 126 360	X
		2001.. 3 258 064	5
		2000.. 3 424 650	4
		1999.. 3 167 597	3
		1998.. 2 898 508	1
		1997.. 2 898 327	X
3352281	Household water heaters, electric, for permanent installation .....	2002.. 560 599	X
		2001.. 502 101	1
		2000.. 544 823	1
		1999.. 559 764	1
		1998.. 564 548	1
		1997.. 548 477	X
3352283	Household water heaters, except electric .....	2002.. 661 196	X
		2001.. 735 150	7
		2000.. 763 908	6
		1999.. 769 135	4
		1998.. 730 712	1
		1997.. 756 280	X
3352285	All other miscellaneous household appliances .....	2002.. 1 903 363	X
		2001.. 2 018 335	7
		2000.. 2 114 650	6
		1999.. 1 837 145	5
		1998.. 1 585 862	1
		1997.. 1 590 977	X
335228W	Other major household appliance manufacturing, nsk, total .....	2002.. 1 202	X
		2001.. 2 478	1
		2000.. 1 268	1
		1999.. 1 553	1
		1998.. 17 387	55
		1997.. 2 593	X
335311	Power, distribution, and specialty transformer manufacturing .....	2002.. 3 942 016	X
		2001.. 4 794 066	3
		2000.. 5 141 828	4
		1999.. 4 744 104	2
		1998.. 4 620 058	3
		1997.. 4 683 558	X
3353111	Power and distribution transformers, except parts .....	2002.. 2 276 686	X
		2001.. 2 409 103	4
		2000.. 2 572 459	4
		1999.. 2 390 457	3
		1998.. 2 338 945	3
		1997.. 2 220 179	X
3353113	Specialty transformers, except fluorescent lamp ballast .....	2002.. 284 817	X
		2001.. 391 346	3
		2000.. 428 543	3
		1999.. 400 688	1
		1998.. 424 664	4
		1997.. 511 903	X
3353115	Fluorescent lamp ballasts .....	2002.. 329 257	X
		2001.. 843 646	1
		2000.. 893 772	1
		1999.. 921 317	1
		1998.. 935 633	1
		1997.. 968 909	X
3353117	Commercial, institutional, and industrial general-purpose transformers, all voltages .....	2002.. 263 434	X
		2001.. 180 855	11
		2000.. 221 153	10
		1999.. 297 683	2
		1998.. 280 724	15
		1997.. 303 791	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3353119	Power regulators, boosters, and other transformers and parts for all transformers .....	2002..	547 747	X
		2001..	794 819	11
		2000..	863 907	19
		1999..	577 335	6
		1998..	490 062	20
		1997..	514 466	X
335311W	Power, distribution, and specialty transformer manufacturing, nsk, total .....	2002..	240 075	X
		2001..	174 297	7
		2000..	161 994	7
		1999..	156 623	8
		1998..	150 029	8
		1997..	164 310	X
335312	Motor and generator manufacturing .....	2002..	8 972 693	X
		2001..	9 955 440	5
		2000..	10 617 490	4
		1999..	11 356 226	2
		1998..	12 145 336	2
		1997..	11 911 618	X
3353121	Fractional horsepower motors (rated at less than 746 watts) (except hermetics) .....	2002..	2 978 276	X
		2001..	3 232 644	3
		2000..	3 599 424	2
		1999..	3 948 012	3
		1998..	5 157 762	1
		1997..	5 178 561	X
3353123	Integral horsepower motors and generators other than for land transportation equipment (rated at 746 watts or more) (except hemetics) .....	2002..	1 639 960	X
		2001..	1 630 705	2
		2000..	1 850 925	2
		1999..	2 121 461	2
		1998..	2 024 488	12
		1997..	2 245 671	X
3353125	Land transportation motors, generators, and control equipment (except parts) .....	2002..	196 625	X
		2001..	237 086	8
		2000..	234 628	7
		1999..	314 623	1
		1998..	350 638	1
		1997..	332 612	X
3353127	Prime mover generator sets, except steam and hydraulic turbine .....	2002..	1 378 351	X
		2001..	2 697 417	19
		2000..	2 717 070	16
		1999..	2 622 505	3
		1998..	2 131 729	1
		1997..	1 648 488	X
3353129	Fractional motor generator sets and other rotating equipment (including hermetics) .....	2002..	771 285	X
		2001..	462 875	12
		2000..	469 812	9
		1999..	562 125	17
		1998..	476 290	1
		1997..	502 708	X
335312A	Integral motor generator sets and other rotating equipment (including hermetics) .....	2002..	642 846	X
		2001..	449 052	6
		2000..	495 571	6
		1999..	491 160	7
		1998..	557 272	2
		1997..	618 360	X
335312C	Parts and supplies for motors, generators, generator sets, and other rotating equipment, excluding motors for built-in jobs .....	2002..	728 297	X
		2001..	625 490	8
		2000..	660 769	7
		1999..	682 149	5
		1998..	691 513	4
		1997..	679 835	X
335312E	Armature rewinding on a factory basis .....	2002..	71 984	X
		2001..	108 952	39
		2000..	113 914	35
		1999..	144 466	14
		1998..	107 962	15
		1997..	113 707	X
335312W	Motor and generator manufacturing, nsk, total .....	2002..	565 069	X
		2001..	511 218	13
		2000..	475 377	14
		1999..	469 725	14
		1998..	647 683	6
		1997..	591 676	X
335313	Switchgear and switchboard apparatus manufacturing .....	2002..	7 742 158	X
		2001..	8 203 086	2
		2000..	8 892 089	2
		1999..	8 193 394	1
		1998..	7 698 384	1
		1997..	7 353 591	X
3353131	Power circuit breakers, all voltages .....	2002..	695 604	X
		2001..	707 104	16
		2000..	680 063	13
		1999..	570 204	11
		1998..	554 390	2
		1997..	532 302	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3353133	Low voltage panelboards and distribution boards and other switching and interrupting devices, 1000 volts or less .....	2002..	2 265 741	X
		2001..	2 623 296	3
		2000..	2 926 843	2
		1999..	2 637 164	2
		1998..	2 426 298	1
		1997..	2 331 111	X
3353135	Fuses and fuse equipment less than 2300 volts (except power distribution cut-outs) .....	2002..	475 349	X
		2001..	517 633	2
		2000..	616 872	2
		1999..	613 556	2
		1998..	575 667	1
		1997..	562 221	X
3353137	Molded case circuit breakers, 1000 volts or less .....	2002..	1 322 162	X
		2001..	1 411 293	1
		2000..	1 645 846	1
		1999..	1 586 956	1
		1998..	1 342 110	1
		1997..	1 294 712	X
3353139	Duct, including plug-in units and accessories, 1000 volts or less .....	2002..	209 795	X
		2001..	247 299	8
		2000..	320 932	5
		1999..	315 301	5
		1998..	309 781	2
		1997..	291 157	X
335313A	Switchgear, except ducts and relays .....	2002..	2 254 341	X
		2001..	2 377 943	3
		2000..	2 352 049	3
		1999..	2 146 367	2
		1998..	2 004 624	2
		1997..	1 956 370	X
335313W	Switchgear and switchboard apparatus manufacturing, nsk, total .....	2002..	519 166	X
		2001..	318 519	16
		2000..	349 484	14
		1999..	323 846	10
		1998..	485 514	1
		1997..	385 718	X
335314	Relay and industrial control manufacturing .....	2002..	8 599 304	X
		2001..	9 296 636	2
		2000..	10 447 302	2
		1999..	10 672 215	2
		1998..	10 825 132	1
		1997..	10 915 290	X
3353141	Relays for electronic circuitry, industrial control overload, and switchgear type .....	2002..	719 129	X
		2001..	893 827	12
		2000..	1 024 265	12
		1999..	995 513	12
		1998..	1 001 843	4
		1997..	971 104	X
3353143	Specific-purpose industrial controls .....	2002..	2 641 375	X
		2001..	3 367 319	3
		2000..	3 465 956	3
		1999..	3 662 223	2
		1998..	3 628 267	2
		1997..	3 772 940	X
3353146	General-purpose industrial controls .....	2002..	3 779 667	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3353147	Parts for industrial controls and motor-control accessories .....	2002..	506 566	X
		2001..	527 260	7
		2000..	647 405	8
		1999..	652 524	7
		1998..	648 617	5
		1997..	640 320	X
335314W	Relay and industrial control manufacturing, nsk, total .....	2002..	952 567	X
		2001..	585 667	15
		2000..	602 836	15
		1999..	615 148	14
		1998..	839 469	3
		1997..	754 273	X
335911	Storage battery manufacturing .....	2002..	3 393 395	X
		2001..	3 980 826	3
		2000..	4 765 043	3
		1999..	4 724 432	3
		1998..	4 079 611	1
		1997..	4 290 400	X
3359111	Storage batteries, lead acid type, BCI dimensional size group 8D (1.5 cu ft (.042 cu m) and smaller) .....	2002..	2 117 762	X
		2001..	2 487 299	5
		2000..	3 107 966	5
		1999..	3 225 644	5
		1998..	2 764 832	1
		1997..	2 857 009	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3359114	Storage batteries, lead acid type, larger than BCI dimensional size group 8D (1.5 cu ft (.042 cu m))	2002..	884 684 X
		2001..	1 165 396 3
		2000..	1 211 073 2
		1999..	1 035 709 1
		1998..	945 396 1
		1997..	946 840 X
3359117	Storage batteries (except lead acid), including parts for all storage batteries	2002..	262 935 X
		2001..	248 643 10
		2000..	367 360 8
		1999..	387 142 4
		1998..	321 514 7
		1997..	384 917 X
335911W	Storage battery manufacturing, nsk, total	2002..	128 014 X
		2001..	79 489 1
		2000..	78 644 1
		1999..	75 938 1
		1998..	47 869 29
		1997..	101 634 X
335912	Primary battery manufacturing	2002..	2 860 187 X
		2001..	2 746 382 2
		2000..	2 904 399 2
		1999..	2 793 393 1
		1998..	2 657 657 1
		1997..	2 494 671 X
3359120	Primary batteries	2002..	2 860 187 X
		2001..	2 746 382 2
		2000..	2 904 399 2
		1999..	2 793 393 1
		1998..	2 657 657 1
		1997..	2 494 671 X
335921	Fiber optic cable manufacturing	2002..	1 450 302 X
		2001..	4 235 456 6
		2000..	4 727 078 6
		1999..	3 402 342 5
		1998..	2 567 160 1
		1997..	2 350 081 X
3359210	Fiber optic cable	2002..	1 450 302 X
		2001..	4 235 456 6
		2000..	4 727 078 6
		1999..	3 402 342 5
		1998..	2 567 160 1
		1997..	2 350 081 X
335929	Other communication and energy wire manufacturing	2002..	9 244 138 X
		2001..	10 693 161 3
		2000..	13 175 173 3
		1999..	11 892 193 3
		1998..	11 514 405 3
		1997..	11 648 783 X
3359291	Power wire and cable, made from nonferrous metals (purchased wire)	2002..	1 586 108 X
		2001..	1 763 670 12
		2000..	1 924 455 14
		1999..	1 763 081 14
		1998..	1 237 904 24
		1997..	1 597 305 X
335929A	Electronic wire and cable, made of nonferrous metals (purchased wire)	2002..	2 615 444 X
		2001..	2 960 740 6
		2000..	4 112 812 5
		1999..	3 293 041 3
		1998..	3 420 782 3
		1997..	3 362 756 X
335929B	Telephone and telegraph wire and cable, made of nonferrous metals (purchased wire)	2002..	1 202 493 X
		2001..	2 182 079 1
		2000..	2 641 750 1
		1999..	2 536 303 1
		1998..	1 984 698 1
		1997..	2 013 716 X
335929C	Control and signal wire and cable, made of nonferrous metals (purchased wire)	2002..	251 955 X
		2001..	441 225 14
		2000..	407 223 16
		1999..	424 339 15
		1998..	407 013 2
		1997..	488 983 X
335929D	Building wire and cable, made of nonferrous metals (purchased wire)	2002..	2 388 710 X
		2001..	2 042 319 5
		2000..	2 483 463 3
		1999..	2 583 944 1
		1998..	2 644 978 1
		1997..	2 675 449 X
335929E	Other insulated wire and cable, including automotive, made of nonferrous metals (purchased wire)	2002..	615 943 X
		2001..	807 315 15
		2000..	928 558 14
		1999..	922 876 13
		1998..	1 032 375 9
		1997..	1 237 837 X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
335929W	Other communication and energy wire manufacturing, nsk, total .....	2002..	583 485	X
		2001..	495 813	19
		2000..	676 912	12
		1999..	368 610	17
		1998..	786 656	11
		1997..	272 737	X
335931	Current-carrying wiring device manufacturing .....	2002..	5 554 447	X
		2001..	5 734 552	3
		2000..	6 256 806	4
		1999..	6 132 400	4
		1998..	6 365 819	3
		1997..	5 819 728	X
3359311	Current-carrying lampholders .....	2002..	110 599	X
		2001..	161 547	11
		2000..	184 860	10
		1999..	176 458	6
		1998..	167 702	15
		1997..	194 736	X
3359313	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type) .....	2002..	365 296	X
		2001..	406 129	2
		2000..	425 306	3
		1999..	444 161	3
		1998..	434 255	1
		1997..	460 810	X
3359315	Current-carrying switches for electrical circuitry (including vehicular switches) .....	2002..	1 752 294	X
		2001..	1 649 468	5
		2000..	1 892 039	4
		1999..	1 954 857	4
		1998..	2 070 069	3
		1997..	1 900 735	X
3359317	Current-carrying metal contacts, including precious metal .....	2002..	219 027	X
		2001..	193 964	7
		2000..	249 450	5
		1999..	257 525	6
		1998..	225 493	1
		1997..	221 032	X
3359319	Current-carrying wire connectors for electrical circuitry .....	2002..	1 329 807	X
		2001..	1 441 078	2
		2000..	1 611 712	3
		1999..	1 585 547	3
		1998..	1 733 085	3
		1997..	1 614 835	X
335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.) .....	2002..	1 541 434	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
335931W	Current-carrying wiring device manufacturing, nsk, total .....	2002..	235 990	X
		2001..	263 526	10
		2000..	244 771	13
		1999..	150 560	18
		1998..	312 872	6
		1997..	241 961	X
335932	Noncurrent-carrying wiring device manufacturing .....	2002..	3 359 603	X
		2001..	4 590 137	5
		2000..	4 996 981	4
		1999..	4 805 556	5
		1998..	4 590 105	2
		1997..	4 417 374	X
3359321	Noncurrent-carrying pole and transmission line hardware .....	2002..	626 212	X
		2001..	900 539	2
		2000..	959 013	2
		1999..	895 109	1
		1998..	879 385	3
		1997..	857 666	X
3359323	Noncurrent-carrying electrical conduit and conduit fittings, including plastics conduit and conduit fittings .....	2002..	1 733 647	X
		2001..	1 763 624	3
		2000..	1 999 375	3
		1999..	2 005 810	3
		1998..	2 089 000	1
		1997..	2 057 217	X
3359326	Other noncurrent-carrying wiring devices and supplies (boxes, covers, bar hangers, etc.) .....	2002..	955 167	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
335932W	Noncurrent-carrying wiring device manufacturing, nsk, total .....	2002..	44 577	X
		2001..	73 991	7
		2000..	65 871	8
		1999..	67 863	8
		1998..	75 910	1
		1997..	67 541	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
335991	Carbon and graphite product manufacturing .....	2002..	1 625 808	X
		2001..	1 614 565	3
		2000..	1 858 030	3
		1999..	1 942 341	2
		1998..	2 163 817	1
		1997..	2 202 666	X
3359911	Carbon and graphite electrodes for electric furnaces and electrolytic cell use .....	2002..	741 843	X
		2001..	766 344	3
		2000..	920 835	2
		1999..	958 598	2
		1998..	1 028 194	2
		1997..	1 032 727	X
3359913	All other carbon and graphite products .....	2002..	810 221	X
		2001..	786 042	6
		2000..	871 122	6
		1999..	929 181	3
		1998..	1 056 549	2
		1997..	1 092 155	X
335991W	Carbon and graphite product manufacturing, nsk, total .....	2002..	73 744	X
		2001..	62 179	18
		2000..	66 073	21
		1999..	54 563	6
		1998..	79 073	1
		1997..	77 784	X
335999	All other miscellaneous electrical equipment and component manufacturing .....	2002..	7 161 840	X
		2001..	7 172 428	3
		2000..	8 361 399	3
		1999..	7 014 946	3
		1998..	7 043 027	3
		1997..	6 760 387	X
3359991	Capacitors, industrial use (except for electronic circuitry) .....	2002..	318 913	X
		2001..	240 643	7
		2000..	334 676	5
		1999..	332 948	1
		1998..	317 883	1
		1997..	299 541	X
3359993	Rectifying apparatus .....	2002..	1 592 904	X
		2001..	1 778 382	10
		2000..	2 786 178	7
		1999..	2 125 111	8
		1998..	1 887 708	5
		1997..	1 790 911	X
3359996	Other electrical equipment, industrial use (except for electronic circuitry) .....	2002..	509 693	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3359997	Laser generator power supplies and components .....	2002..	937 513	X
		2001..	1 182 221	3
		2000..	1 419 747	1
		1999..	1 057 883	1
		1998..	1 091 273	3
		1997..	1 076 329	X
3359999	Laser systems and equipment, all other types .....	2002..	129 984	X
		2001..	244 540	36
		2000..	130 117	15
		1999..	141 597	7
		1998..	144 221	3
		1997..	145 221	X
335999A	Ultrasonic equipment, except medical and dental .....	2002..	206 199	X
		2001..	227 731	8
		2000..	254 745	8
		1999..	204 796	7
		1998..	222 530	6
		1997..	223 878	X
335999B	Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made from purchased insulated wire .....	2002..	380 353	X
		2001..	432 635	6
		2000..	494 992	19
		1999..	450 995	12
		1998..	312 074	24
		1997..	348 154	X
335999E	All other miscellaneous electrical equipment and components (except for industrial use) .....	2002..	164 957	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
335999F	All other miscellaneous electronic systems and equipment (including automatic garage door openers, and amplifiers) .....	2002..	1 606 592	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X

See footnotes at end of table.

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
335999W	All other miscellaneous electrical equipment and component manufacturing, nsk, total .....	2002.. 1 314 732	X
		2001.. 544 386	11
		2000.. 466 039	12
		1999.. 436 259	12
		1998.. 545 025	3
		1997.. 509 369	X
336111	Automobile manufacturing .....	2002.. 85 902 361	X
		2001.. 84 629 481	1
		2000.. 95 572 204	1
		1999.. 98 637 050	1
		1998.. 91 972 953	1
		1997.. 93 215 637	X
3361110	Automobile manufacturing .....	2002.. 85 902 361	X
		2001.. 84 629 481	1
		2000.. 95 572 204	1
		1999.. 98 637 050	1
		1998.. 91 972 953	1
		1997.. 93 215 637	X
336112	Light truck and utility vehicle manufacturing .....	2002.. 134 672 974	X
		2001.. 116 465 834	1
		2000.. 121 630 192	1
		1999.. 141 746 848	1
		1998.. 113 413 770	1
		1997.. 107 172 812	X
3361120	Light truck and utility vehicle manufacturing .....	2002.. 134 672 974	X
		2001.. 116 465 834	1
		2000.. 121 630 192	1
		1999.. 141 746 848	1
		1998.. 113 413 770	1
		1997.. 107 172 812	X
336120	Heavy duty truck manufacturing .....	2002.. 16 060 325	X
		2001.. 13 042 554	1
		2000.. 20 066 674	1
		1999.. 24 075 290	1
		1998.. 21 455 364	1
		1997.. 16 850 333	X
3361201	Trucks, truck tractors, and bus chassis (chassis of own manufacture), 14,001 to 33,000 lb .....	2002.. 3 400 995	X
		2001.. 3 880 769	1
		2000.. 5 669 328	1
		1999.. 7 727 517	1
		1998.. 6 934 493	1
		1997.. 4 158 870	X
3361202	Trucks, truck tractors, and bus chassis (chassis of own manufacture), 33,001 lb or more .....	2002.. 10 059 669	X
		2001.. 6 989 671	1
		2000.. 12 154 136	1
		1999.. 14 086 306	1
		1998.. 12 790 267	1
		1997.. 11 167 520	X
3361203	Buses (chassis of own manufacture), including military and firefighting vehicles.....	2002.. 2 413 770	X
		2001.. 2 043 811	2
		2000.. 2 137 111	1
		1999.. 2 157 157	1
		1998.. 1 657 995	1
		1997.. 1 449 208	X
336120W	Heavy duty truck manufacturing, nsk, total .....	2002.. 185 891	X
		2001.. 128 303	19
		2000.. 106 099	1
		1999.. 104 310	1
		1998.. 72 609	1
		1997.. 74 735	X
336211	Motor vehicle body manufacturing .....	2002.. 7 731 898	X
		2001.. 9 788 569	2
		2000.. 9 840 878	2
		1999.. 9 964 579	2
		1998.. 9 141 256	3
		1997.. 8 290 820	X
3362112	Bus bodies and truck cabs, sold separately .....	2002.. 1 408 027	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3362114	Van bodies, sold separately .....	2002.. 433 591	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3362115	Other truck and vehicle bodies (including dump truck lifting mechanisms and kit cars), sold separately, nsk .....	2002.. 1 961 882	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3362117	Buses and firefighting vehicles, complete, produced on purchased chassis .....	2002.. 1 669 285	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3362119	Trucks and vehicles, other types, complete, produced on purchased chassis .....	2002.. 1 496 372	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
336211W	Motor vehicle body manufacturing, nsk, total .....	2002.. 762 741	X
		2001.. 499 895	15
		2000.. 465 318	17
		1999.. 407 156	18
		1998.. 689 361	1
		1997.. 589 478	X
336212	Truck trailer manufacturing .....	2002.. 3 888 169	X
		2001.. 4 290 274	3
		2000.. 6 281 141	2
		1999.. 6 652 133	2
		1998.. 6 282 393	1
		1997.. 5 282 354	X
3362121	Truck trailers and chassis, axle rating 10,000 lb or more .....	2002.. 3 410 404	X
		2001.. 3 840 822	3
		2000.. 5 810 307	2
		1999.. 6 222 328	2
		1998.. 5 577 884	1
		1997.. 4 709 142	X
3362123	Truck trailers and chassis, axle rating less than 10,000 lb .....	2002.. 186 775	X
		2001.. 300 106	22
		2000.. 290 199	26
		1999.. 281 050	16
		1998.. 339 284	9
		1997.. 271 283	X
336212W	Truck trailer manufacturing, nsk, total .....	2002.. 290 990	X
		2001.. 149 346	30
		2000.. 180 635	24
		1999.. 148 755	30
		1998.. 365 225	9
		1997.. 301 929	X
336213	Motor home manufacturing .....	2002.. 5 303 438	X
		2001.. 3 126 890	2
		2000.. 3 971 349	2
		1999.. 4 594 345	2
		1998.. 4 151 318	1
		1997.. 3 535 212	X
3362130	Motor homes, produced on purchased chassis .....	2002.. 5 303 438	X
		2001.. 3 126 890	2
		2000.. 3 971 349	2
		1999.. 4 594 345	2
		1998.. 4 151 318	1
		1997.. 3 535 212	X
336214	Travel trailer and camper manufacturing .....	2002.. 6 777 023	X
		2001.. 5 919 796	8
		2000.. 6 349 234	7
		1999.. 6 042 785	5
		1998.. 5 386 440	2
		1997.. 4 702 096	X
3362141	Travel trailers .....	2002.. 3 432 267	X
		2001.. 2 777 800	16
		2000.. 2 855 547	14
		1999.. 2 723 779	9
		1998.. 2 495 960	4
		1997.. 2 133 129	X
3362143	Trailers, automobile and light truck .....	2002.. 1 769 468	X
		2001.. 1 682 309	9
		2000.. 1 877 070	6
		1999.. 1 871 623	5
		1998.. 1 569 555	3
		1997.. 1 424 344	X
3362145	Camping trailers, campers, and pickup covers (including parts) .....	2002.. 1 068 137	X
		2001.. 1 012 182	7
		2000.. 1 139 153	6
		1999.. 1 106 629	6
		1998.. 956 436	5
		1997.. 852 400	X
336214W	Travel trailer and camper manufacturing, nsk, total .....	2002.. 507 151	X
		2001.. 447 525	16
		2000.. 477 464	18
		1999.. 340 754	12
		1998.. 364 900	2
		1997.. 292 223	X
336311	Carburetor, piston, piston ring, and valve manufacturing .....	2002.. 2 298 886	X
		2001.. 2 448 236	3
		2000.. 2 709 275	4
		1999.. 2 753 830	5
		1998.. 2 605 718	1
		1997.. 2 426 407	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3363111	Carburetors, all types, new and rebuilt .....	2002..	395 966	X
		2001..	866 721	4
		2000..	911 011	3
		1999..	964 847	2
		1998..	973 430	1
		1997..	935 569	X
3363113	Pistons, piston rings, and piston pins (engine) .....	2002..	1 411 813	X
		2001..	1 136 413	6
		2000..	1 305 501	9
		1999..	1 293 906	9
		1998..	1 148 139	2
		1997..	1 029 243	X
3363115	Valves, engine intake and exhaust .....	2002..	416 684	X
		2001..	392 988	11
		2000..	437 265	9
		1999..	432 448	9
		1998..	432 946	1
		1997..	418 319	X
336311W	Carburetor, piston, piston ring, and valve manufacturing, nsk, total .....	2002..	74 423	X
		2001..	52 115	8
		2000..	55 498	8
		1999..	62 629	8
		1998..	51 203	7
		1997..	43 276	X
336312	Gasoline engine and engine parts manufacturing .....	2002..	31 205 443	X
		2001..	26 155 049	1
		2000..	27 985 003	1
		1999..	28 166 229	1
		1998..	25 828 323	1
		1997..	25 382 008	X
3363121	Gasoline engine and engine parts, motor vehicles, new .....	2002..	29 712 579	X
		2001..	25 216 955	1
		2000..	27 023 815	1
		1999..	27 287 134	1
		1998..	24 936 428	1
		1997..	24 579 425	X
3363123	Gasoline engines and engine parts, motor vehicles, rebuilt .....	2002..	593 058	X
		2001..	621 906	19
		2000..	622 788	13
		1999..	535 690	11
		1998..	454 736	5
		1997..	420 049	X
336312W	Gasoline engine and engine parts manufacturing, nsk, total .....	2002..	899 806	X
		2001..	316 188	4
		2000..	338 401	4
		1999..	343 404	4
		1998..	437 159	1
		1997..	382 534	X
336321	Vehicular lighting equipment manufacturing .....	2002..	2 670 886	X
		2001..	2 323 356	3
		2000..	2 659 489	2
		1999..	2 837 205	1
		1998..	2 555 484	1
		1997..	2 724 873	X
3363210	Vehicular lighting equipment .....	2002..	2 670 886	X
		2001..	2 323 356	3
		2000..	2 659 489	2
		1999..	2 837 205	1
		1998..	2 555 484	1
		1997..	2 724 873	X
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	2002..	17 635 997	X
		2001..	17 382 930	7
		2000..	19 906 896	8
		1999..	20 684 945	7
		1998..	16 939 702	1
		1997..	15 692 440	X
3363221	Ignition wiring harness and electrical cable sets .....	2002..	1 072 283	X
		2001..	688 092	12
		2000..	881 488	12
		1999..	801 944	10
		1998..	981 206	10
		1997..	845 274	X
3363223	Alternators, generators, and regulators, battery charging .....	2002..	1 625 122	X
		2001..	2 694 702	7
		2000..	2 685 465	6
		1999..	2 814 310	5
		1998..	2 333 353	1
		1997..	2 226 011	X
3363225	Cranking motors (starters) .....	2002..	2 064 157	X
		2001..	740 045	5
		2000..	732 530	4
		1999..	799 143	3
		1998..	775 726	1
		1997..	759 716	X
3363227	Spark plugs, internal combustion engines .....	2002..	507 283	X
		2001..	446 236	1
		2000..	499 343	1
		1999..	516 019	1
		1998..	531 709	1
		1997..	522 346	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3363229	Electrical engine equipment, all other types, complete .....	2002.. 4 732 683	X
		2001.. 3 507 297	1
		2000.. 3 913 399	1
		1999.. 4 100 211	1
		1998.. 3 647 202	1
		1997.. 3 163 388	X
336322A	Parts for electrical and electronic engine equipment .....	2002.. 352 019	X
		2001.. 414 057	12
		2000.. 726 846	7
		1999.. 508 024	10
		1998.. 347 463	13
		1997.. 446 452	X
336322D	Electrical and electronic equipment, motor vehicles.....	2002.. 6 225 496	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
336322W	Other motor vehicle electrical and electronic equipment manufacturing, nsk, total .....	2002.. 1 056 954	X
		2001.. 927 048	7
		2000.. 465 102	14
		1999.. 597 765	11
		1998.. 691 849	1
		1997.. 541 766	X
336330	Motor vehicle steering and suspension component (except spring) manufacturing .....	2002.. 10 688 643	X
		2001.. 9 486 521	3
		2000.. 10 453 701	3
		1999.. 10 437 586	2
		1998.. 9 893 245	1
		1997.. 9 832 604	X
3363301	Motor vehicle steering and suspension components, new .....	2002.. 10 356 320	X
		2001.. 9 196 915	3
		2000.. 10 165 402	3
		1999.. 10 138 570	2
		1998.. 9 607 995	1
		1997.. 9 586 330	X
3363303	Motor vehicle steering and suspension components, rebuilt .....	2002.. 182 073	X
		2001.. 134 482	9
		2000.. 140 956	7
		1999.. 155 444	5
		1998.. 183 549	7
		1997.. 178 313	X
336330W	Motor vehicle steering and suspension component (except spring) manufacturing, nsk, total .....	2002.. 150 250	X
		2001.. 155 123	13
		2000.. 147 343	10
		1999.. 143 572	11
		1998.. 101 701	7
		1997.. 67 961	X
336340	Motor vehicle brake system manufacturing .....	2002.. 12 461 956	X
		2001.. 9 774 851	1
		2000.. 11 381 723	1
		1999.. 11 721 483	1
		1998.. 10 195 460	1
		1997.. 10 381 841	X
3363401	Motor vehicle brake parts and assemblies, new .....	2002.. 11 888 669	X
		2001.. 9 160 179	1
		2000.. 10 734 037	1
		1999.. 11 149 666	1
		1998.. 9 669 189	1
		1997.. 9 833 732	X
3363403	Motor vehicle brake parts and assemblies, rebuilt .....	2002.. 407 363	X
		2001.. 399 569	4
		2000.. 437 812	9
		1999.. 477 545	18
		1998.. 423 684	3
		1997.. 464 353	X
336340W	Motor vehicle brake system manufacturing, nsk, total .....	2002.. 165 924	X
		2001.. 215 103	7
		2000.. 209 874	6
		1999.. 94 272	14
		1998.. 102 586	4
		1997.. 83 756	X
336350	Motor vehicle transmission and power train parts manufacturing .....	2002.. 35 522 798	X
		2001.. 32 068 043	3
		2000.. 36 005 917	2
		1999.. 34 791 057	2
		1998.. 31 355 029	1
		1997.. 30 504 019	X
3363501	Motor vehicle drive train components, new .....	2002.. 34 195 727	X
		2001.. 31 121 747	3
		2000.. 35 202 498	2
		1999.. 34 050 991	2
		1998.. 30 569 874	1
		1997.. 29 758 088	X
3363503	Motor vehicle drive train components, rebuilt .....	2002.. 945 328	X
		2001.. 699 947	20
		2000.. 560 050	5
		1999.. 496 079	16
		1998.. 550 821	5

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3363503	Motor vehicle drive train components, rebuilt—Con.	1997.. 529 550	X
336350W	Motor vehicle transmission and power train parts manufacturing, nsk, total .....	2002.. 381 743 2001.. 246 349 2000.. 243 369 1999.. 243 986 1998.. 234 334 1997.. 216 381	X 8 8 8 7 X
336360	Motor vehicle seating and interior trim manufacturing .....	2002.. 16 316 496 2001.. 14 811 712 2000.. 15 401 241 1999.. 14 339 225 1998.. 12 295 529 1997.. 11 798 295	X 2 2 1 1 X
3363601	Automobile trimmings .....	2002.. 4 026 002 2001.. 4 340 250 2000.. 4 961 689 1999.. 4 548 555 1998.. 4 108 856 1997.. 4 063 088	X 6 4 2 1 X
3363602	Fabricated seat and safety belts, including shoulder harnesses (except leather) .....	2002.. 624 883 2001.. 1 325 321 2000.. 1 261 976 1999.. 1 088 076 1998.. 724 833 1997.. 614 974	X 1 4 1 14 X
3363603	Seats, public conveyance and aircraft .....	2002.. 9 486 352 2001.. 9 063 614 2000.. 9 037 054 1999.. 8 554 468 1998.. 7 317 299 1997.. 6 958 943	X 1 1 1 1 X
3363605	Fabricated automobile covers, seat and tire .....	2002.. 614 987 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
3363607	Motor vehicle seat frames, metal .....	2002.. 1 210 746 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
336360W	Motor vehicle seating and interior trim manufacturing, nsk, total .....	2002.. 353 526 2001.. 82 528 2000.. 140 522 1999.. 148 125 1998.. 144 541 1997.. 161 290	X 74 43 41 6 X
336370	Motor vehicle metal stamping .....	2002.. 24 793 466 2001.. 21 583 769 2000.. 23 411 563 1999.. 24 496 630 1998.. 23 025 652 1997.. 22 678 869	X 3 3 2 1 X
3363700	Automotive job stampings (truck, bus, and passenger car) .....	2002.. 24 793 466 2001.. 21 583 769 2000.. 23 411 563 1999.. 24 496 630 1998.. 23 025 652 1997.. 22 678 869	X 3 3 2 1 X
336391	Motor vehicle air-conditioning manufacturing .....	2002.. 4 931 096 2001.. 4 247 757 2000.. 4 131 624 1999.. 4 596 833 1998.. 4 368 183 1997.. 4 225 742	X 1 2 1 2 X
3363917	Motor vehicle air-conditioning systems, mechanical .....	2002.. 3 153 303 2001.. 2 475 545 2000.. 2 185 605 1999.. 2 384 236 1998.. 2 351 621 1997.. 2 266 279	X 1 1 1 3 X
336391B	Automotive air-conditioning compressors (open-type, with or without motor) .....	2002.. 1 760 804 2001.. 1 737 196 2000.. 1 900 227 1999.. 2 174 908 1998.. 1 990 435 1997.. 1 937 805	X 3 3 3 1 X
336391W	Motor vehicle air-conditioning manufacturing, nsk, total .....	2002.. 16 989 2001.. 35 016 2000.. 45 793 1999.. 37 690 1998.. 26 127 1997.. 21 658	X 2 1 8 1 X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
336399	All other motor vehicle parts manufacturing .....	2002..	37 519 098	X
		2001..	40 378 224	2
		2000..	42 900 897	2
		1999..	40 880 291	2
		1998..	36 605 775	1
		1997..	35 521 416	X
3363991	Filters, new, internal combustion engines and motor vehicles .....	2002..	2 918 741	X
		2001..	2 934 896	7
		2000..	2 775 165	6
		1999..	2 780 318	5
		1998..	2 549 828	2
		1997..	2 463 396	X
3363993	Exhaust system parts, new .....	2002..	7 230 999	X
		2001..	7 597 333	6
		2000..	6 984 022	4
		1999..	6 125 396	3
		1998..	5 148 371	1
		1997..	5 035 692	X
3363995	Motor vehicle wheels, new .....	2002..	2 674 942	X
		2001..	3 027 642	5
		2000..	3 718 615	5
		1999..	3 477 176	3
		1998..	3 230 046	1
		1997..	3 439 804	X
3363996	Trailer hitches (including travel, automobile, and light duty truck) .....	2002..	366 636	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3363998	All other motor vehicle parts and accessories, new and rebuilt .....	2002..	21 519 009	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
336399W	All other motor vehicle parts manufacturing, nsk, total .....	2002..	2 808 771	X
		2001..	1 228 659	20
		2000..	1 758 113	29
		1999..	1 366 270	17
		1998..	2 647 078	3
		1997..	1 891 490	X
336411	Aircraft manufacturing .....	2002..	61 184 222	X
		2001..	62 655 016	1
		2000..	58 903 599	1
		1999..	66 012 242	1
		1998..	62 357 193	1
		1997..	51 484 454	X
3364112	Aircraft, military (including U.S. military and aircraft built to military specifications) .....	2002..	14 395 959	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3364113	Aircraft, civilian .....	2002..	35 432 149	X
		2001..	42 020 485	1
		2000..	38 201 587	1
		1999..	45 170 219	1
		1998..	41 185 526	1
		1997..	30 690 008	X
3364115	Modification, conversion, and overhaul of previously accepted aircraft .....	2002..	6 162 278	X
		2001..	4 631 702	4
		2000..	5 765 166	3
		1999..	6 198 207	1
		1998..	5 243 672	1
		1997..	5 084 547	X
3364117	All other aeronautical services on complete aircraft .....	2002..	4 853 434	X
		2001..	1 972 561	8
		2000..	3 040 066	11
		1999..	2 864 968	1
		1998..	3 255 610	1
		1997..	3 413 659	X
336411W	Aircraft manufacturing, nsk, total .....	2002..	340 402	X
		2001..	202 071	21
		2000..	244 709	18
		1999..	260 666	16
		1998..	392 783	5
		1997..	396 769	X
336412	Aircraft engine and engine parts manufacturing .....	2002..	20 630 937	X
		2001..	23 939 933	2
		2000..	22 255 306	1
		1999..	21 606 324	1
		1998..	22 201 903	1
		1997..	20 077 240	X
3364121	Aircraft engines, military (including engines built to military specifications) .....	2002..	1 796 734	X
		2001..	1 908 511	5
		2000..	1 669 866	6
		1999..	1 720 293	2
		1998..	1 997 322	2

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3364121	Aircraft engines, military (including engines built to military specifications)—Con. . . . . 1997..	1 714 270	X
3364123	Aircraft engines, civilian . . . . . 2002..	5 878 030	X
	. . . . . 2001..	7 124 919	2
	. . . . . 2000..	7 054 093	2
	. . . . . 1999..	7 154 136	2
	. . . . . 1998..	6 234 677	1
	. . . . . 1997..	5 372 076	X
3364125	Aeronautical services on aircraft engines . . . . . 2002..	3 412 413	X
	. . . . . 2001..	3 490 993	8
	. . . . . 2000..	2 854 284	6
	. . . . . 1999..	2 651 005	6
	. . . . . 1998..	3 273 936	1
	. . . . . 1997..	3 220 840	X
3364127	Aircraft engine parts and accessories . . . . . 2002..	9 122 479	X
	. . . . . 2001..	11 043 858	3
	. . . . . 2000..	10 332 516	2
	. . . . . 1999..	9 726 379	1
	. . . . . 1998..	10 438 892	1
	. . . . . 1997..	9 355 897	X
336412W	Aircraft engine and engine parts manufacturing, nsk, total . . . . . 2002..	421 281	X
	. . . . . 2001..	371 653	17
	. . . . . 2000..	344 547	19
	. . . . . 1999..	354 511	18
	. . . . . 1998..	257 076	12
	. . . . . 1997..	414 157	X
336413	Other aircraft parts and auxiliary equipment manufacturing . . . . . 2002..	21 115 127	X
	. . . . . 2001..	25 098 585	2
	. . . . . 2000..	23 974 535	2
	. . . . . 1999..	26 457 435	2
	. . . . . 1998..	27 060 859	1
	. . . . . 1997..	22 917 132	X
3364131	Aircraft propellers and helicopter rotors . . . . . 2002..	1 492 067	X
	. . . . . 2001..	1 100 165	8
	. . . . . 2000..	1 136 375	9
	. . . . . 1999..	967 898	9
	. . . . . 1998..	1 209 395	1
	. . . . . 1997..	1 021 234	X
3364133	Research and development on aircraft parts, except engines . . . . . 2002..	603 960	X
	. . . . . 2001..	1 013 453	5
	. . . . . 2000..	1 405 761	4
	. . . . . 1999..	1 502 511	4
	. . . . . 1998..	1 540 042	1
	. . . . . 1997..	1 120 600	X
3364136	Aircraft parts and auxiliary equipment, except hydraulic and pneumatic subassemblies and engines . . . . . 2002..	17 915 429	X
	. . . . . 2001..	N	N
	. . . . . 2000..	N	N
	. . . . . 1999..	N	N
	. . . . . 1998..	N	N
	. . . . . 1997..	N	X
336413W	Other aircraft parts and auxiliary equipment manufacturing, nsk, total . . . . . 2002..	1 103 671	X
	. . . . . 2001..	711 403	20
	. . . . . 2000..	646 945	22
	. . . . . 1999..	618 748	23
	. . . . . 1998..	893 184	3
	. . . . . 1997..	893 582	X
336414	Guided missile and space vehicle manufacturing . . . . . 2002..	10 346 707	X
	. . . . . 2001..	10 395 632	1
	. . . . . 2000..	10 439 865	1
	. . . . . 1999..	11 354 556	1
	. . . . . 1998..	12 449 127	1
	. . . . . 1997..	12 465 433	X
3364141	Complete guided missiles . . . . . 2002..	3 796 806	X
	. . . . . 2001..	2 862 681	1
	. . . . . 2000..	2 316 108	1
	. . . . . 1999..	2 277 464	1
	. . . . . 1998..	2 177 967	1
	. . . . . 1997..	1 689 379	X
3364143	Research and development on complete guided missiles . . . . . 2002..	785 535	X
	. . . . . 2001..	1 007 039	1
	. . . . . 2000..	1 736 998	1
	. . . . . 1999..	1 350 519	1
	. . . . . 1998..	1 549 163	1
	. . . . . 1997..	2 271 322	X
3364145	Other services on complete guided missiles . . . . . 2002..	55 445	X
	. . . . . 2001..	D	S
	. . . . . 2000..	D	S
	. . . . . 1999..	D	S
	. . . . . 1998..	D	S
	. . . . . 1997..	D	X
3364147	Complete space vehicles, except propulsion systems . . . . . 2002..	4 473 244	X
	. . . . . 2001..	D	S
	. . . . . 2000..	D	S
	. . . . . 1999..	D	S
	. . . . . 1998..	D	S
	. . . . . 1997..	D	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
3364149	Research and development on complete space vehicles .....	2002.. D	X
		2001.. 771 844	1
		2000.. 401 595	1
		1999.. 593 386	1
		1998.. 697 354	1
		1997.. 729 855	X
336414A	All other services on complete space vehicles .....	2002.. D	X
		2001.. 417 503	1
		2000.. 410 551	1
		1999.. 1 148 498	1
		1998.. 1 020 799	1
		1997.. 1 099 673	X
336414W	Guided missile and space vehicle manufacturing, nsk, total .....	2002.. 2 340	X
		2001.. 1 765	1
		2000.. 1 670	1
		1999.. 2 733	1
		1998.. 8 948	1
		1997.. 9 645	X
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing .....	2002.. 3 139 844	X
		2001.. 3 394 596	1
		2000.. 3 727 004	1
		1999.. 4 031 974	1
		1998.. 4 147 772	1
		1997.. 4 743 002	X
3364151	Complete missiles, space vehicle engines, and propulsion units.....	2002.. 2 041 604	X
		2001.. 2 127 595	1
		2000.. 2 192 817	1
		1999.. 2 523 733	1
		1998.. 2 483 237	1
		1997.. 2 652 635	X
3364153	Research and development on complete missiles, space vehicle engines, and propulsion units.....	2002.. 583 875	X
		2001.. 766 043	1
		2000.. 918 647	1
		1999.. 918 586	1
		1998.. 1 093 348	1
		1997.. 1 273 822	X
3364155	Other services on complete missiles, space vehicle engines, and propulsion units.....	2002.. 286 978	X
		2001.. 182 367	1
		2000.. 313 411	1
		1999.. 319 581	1
		1998.. 333 571	1
		1997.. 323 683	X
3364157	Missile and space vehicle engine and propulsion parts and accessories .....	2002.. 221 516	X
		2001.. 314 018	2
		2000.. 299 877	2
		1999.. 266 560	1
		1998.. 234 138	1
		1997.. 461 637	X
336415W	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing, nsk, total .....	2002.. 5 871	X
		2001.. 4 573	16
		2000.. 2 252	1
		1999.. 3 513	1
		1998.. 3 478	20
		1997.. 31 225	X
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing .....	2002.. 2 864 900	X
		2001.. 2 288 206	2
		2000.. 2 311 982	1
		1999.. 2 635 850	1
		1998.. 2 757 719	1
		1997.. 2 874 097	X
3364191	Missile and space vehicle components, parts, and subassemblies .....	2002.. 2 607 751	X
		2001.. 2 026 943	2
		2000.. 2 046 435	1
		1999.. 2 149 612	1
		1998.. 2 351 907	1
		1997.. 2 524 432	X
3364193	Research and development on missile and space vehicle parts and components .....	2002.. 205 509	X
		2001.. 243 346	1
		2000.. 242 643	1
		1999.. 466 211	1
		1998.. 371 587	1
		1997.. 329 406	X
336419W	Other guided missile and space vehicle parts and auxiliary equipment manufacturing, nsk, total .....	2002.. 51 640	X
		2001.. 17 918	1
		2000.. 22 904	1
		1999.. 20 027	1
		1998.. 34 225	35
		1997.. 20 259	X
336510	Railroad rolling stock manufacturing .....	2002.. 6 413 312	X
		2001.. 7 381 302	2
		2000.. 8 701 728	1
		1999.. 9 265 923	1
		1998.. 8 618 775	1
		1997.. 7 697 669	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3365101	Locomotives, new and rebuilt, including parts .....	2002..	2 618 077	X
		2001..	3 113 346	3
		2000..	3 461 732	1
		1999..	3 555 075	1
		1998..	3 016 517	1
		1997..	2 952 659	X
3365103	Train and train cars, freight and passenger, new, except parts .....	2002..	1 111 439	X
		2001..	2 209 990	5
		2000..	3 109 357	1
		1999..	3 370 888	1
		1998..	3 424 135	1
		1997..	2 889 896	X
3365105	Cars (street, subway, trolley, and rapid transit), rebuilt (including parts) and railway maintenance of equipment and parts (including parts and other work and service) .....	2002..	2 463 368	X
		2001..	1 974 066	5
		2000..	2 026 973	3
		1999..	2 174 845	3
		1998..	2 025 397	3
		1997..	1 741 830	X
336510W	Railroad rolling stock manufacturing, nsk, total .....	2002..	220 428	X
		2001..	83 900	17
		2000..	103 665	13
		1999..	165 116	8
		1998..	152 725	2
		1997..	113 284	X
336611	Ship building and repairing .....	2002..	12 322 645	X
		2001..	11 351 100	2
		2000..	10 764 984	2
		1999..	10 534 726	2
		1998..	10 786 893	1
		1997..	10 260 189	X
3366111	Ships, barges, and platforms, nonpropelled, new construction .....	2002..	755 895	X
		2001..	612 694	10
		2000..	754 380	8
		1999..	843 883	8
		1998..	914 023	5
		1997..	837 420	X
3366113	Ships (including combat ships, troop transport vessels, fleet auxiliaries, and service craft), self-propelled, military, new construction .....	2002..	D	X
		2001..	5 299 402	2
		2000..	5 285 779	2
		1999..	4 923 517	2
		1998..	5 393 100	1
		1997..	4 780 490	X
3366116	Ships, self-propelled, nonmilitary, new construction .....	2002..	1 494 878	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3366118	Ship repair, military .....	2002..	2 353 899	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
336611A	Ship repair, nonmilitary .....	2002..	D	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
336611W	Ship building and repairing, nsk, total .....	2002..	585 294	X
		2001..	226 558	30
		2000..	202 690	32
		1999..	228 025	28
		1998..	506 957	2
		1997..	464 168	X
336612	Boat building .....	2002..	7 844 696	X
		2001..	6 926 146	3
		2000..	7 885 075	3
		1999..	6 877 480	3
		1998..	5 504 269	2
		1997..	5 182 795	X
3366121	Motorboats, outboard, including commercial and military (except sailboats and lifeboats) .....	2002..	2 604 144	X
		2001..	2 260 247	6
		2000..	2 565 182	6
		1999..	2 264 389	6
		1998..	1 785 981	3
		1997..	1 675 652	X
3366123	Motorboats, inboard, including commercial and military (except sailboats and lifeboats) .....	2002..	2 366 467	X
		2001..	1 791 983	6
		2000..	1 973 583	6
		1999..	1 643 368	4
		1998..	1 403 384	1
		1997..	1 287 343	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3366125	Inboard-outdrive boats, including commercial and military (except sailboats and lifeboats) .....	2002..	1 589 964	X
		2001..	1 777 189	7
		2000..	2 059 596	6
		1999..	2 010 794	5
		1998..	1 583 489	3
		1997..	1 454 291	X
3366128	Boats, all other types, except military and commercial .....	2002..	504 368	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
336612W	Boat building, nsk, total .....	2002..	779 753	X
		2001..	513 481	9
		2000..	536 824	10
		1999..	495 136	8
		1998..	346 119	15
		1997..	388 994	X
336991	Motorcycle, bicycle, and parts manufacturing .....	2002..	4 265 922	X
		2001..	3 324 082	4
		2000..	2 925 145	4
		1999..	2 796 416	3
		1998..	3 144 362	3
		1997..	3 084 906	X
3369912	Bicycles, including parts (except children's two-wheel sidewalk cycles with solid or semipneumatic tires) .....	2002..	820 662	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3369913	Motorcycles, including three-wheel, motorbikes, motor scooters, mopeds, and parts (including sidecars) .....	2002..	3 232 726	X
		2001..	2 540 109	4
		2000..	2 112 392	4
		1999..	1 900 080	2
		1998..	1 903 812	4
		1997..	1 681 777	X
336991W	Motorcycle, bicycle, and parts manufacturing, nsk, total .....	2002..	212 534	X
		2001..	154 185	17
		2000..	148 005	17
		1999..	121 737	20
		1998..	199 082	13
		1997..	177 550	X
336992	Military armored vehicle, tank, and tank component manufacturing .....	2002..	1 766 247	X
		2001..	1 353 694	2
		2000..	1 232 071	2
		1999..	1 296 018	8
		1998..	1 241 462	1
		1997..	1 188 878	X
3369920	Military armored vehicles, tanks, and tank components .....	2002..	1 766 247	X
		2001..	1 353 694	2
		2000..	1 232 071	2
		1999..	1 296 018	8
		1998..	1 241 462	1
		1997..	1 188 878	X
336999	All other transportation equipment manufacturing .....	2002..	6 971 959	X
		2001..	6 997 176	15
		2000..	6 269 384	12
		1999..	4 775 383	3
		1998..	4 494 519	1
		1997..	4 100 375	X
3369991	Self-propelled golf carts and industrial in-plant personnel carriers, including parts .....	2002..	970 214	X
		2001..	936 050	2
		2000..	1 069 651	1
		1999..	848 441	1
		1998..	789 610	1
		1997..	798 551	X
3369995	All other miscellaneous transportation equipment, including all-terrain vehicles .....	2002..	5 747 395	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
336999W	All other transportation equipment manufacturing, nsk, total .....	2002..	254 350	X
		2001..	264 761	21
		2000..	294 983	33
		1999..	189 558	28
		1998..	262 144	6
		1997..	225 747	X
337110	Wood kitchen cabinet and countertop manufacturing .....	2002..	13 774 010	X
		2001..	11 822 408	2
		2000..	11 183 257	2
		1999..	10 141 415	1
		1998..	9 437 221	1
		1997..	8 497 433	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
337110H	Wood kitchen cabinets, bathroom vanities, and related cabinetwork, custom, for permanent installation, sold directly to the customer at retail .....	2002..	2 921 538 X
		2001..	698 929 12
		2000..	578 411 11
		1999..	468 902 9
		1998..	441 602 7
1997..	393 565 X		
337110I	Wood kitchen cabinets and related cabinetwork, stock line, for permanent installation .....	2002..	4 808 778 X
		2001..	4 690 505 2
		2000..	4 271 099 2
		1999..	3 906 606 1
		1998..	3 475 274 2
1997..	3 186 858 X		
337110J	Wood kitchen cabinets and related cabinetwork, custom, for permanent installation, other types (except kitchen cabinets and related cabinetwork sold directly to the customer at retail) .....	2002..	1 438 042 X
		2001..	2 201 065 4
		2000..	2 216 176 3
		1999..	1 981 579 2
		1998..	1 974 602 3
1997..	1 822 292 X		
337110K	Wood bathroom vanities and related cabinetwork, for permanent installation (except custom bathroom vanities and related cabinetwork sold directly to the customer at retail) .....	2002..	1 040 692 X
		2001..	1 192 469 4
		2000..	1 100 824 4
		1999..	1 051 366 3
		1998..	929 731 2
1997..	884 669 X		
337110L	Wood kitchen cabinet tops, wood and plastics laminated .....	2002..	730 078 X
		2001..	N N
		2000..	N N
		1999..	N N
		1998..	N N
1997..	N X		
337110M	Wood bathroom vanity tops, wood and plastics laminated .....	2002..	155 957 X
		2001..	N N
		2000..	N N
		1999..	N N
		1998..	N N
1997..	N X		
337110N	Wood kitchen cabinet and countertop manufacturing, nsk, total .....	2002..	2 678 925 X
		2001..	1 907 559 6
		2000..	1 903 994 6
		1999..	1 704 027 6
		1998..	1 763 032 2
1997..	1 433 089 X		
337121	Upholstered household furniture manufacturing .....	2002..	10 216 683 X
		2001..	9 206 300 2
		2000..	9 437 108 2
		1999..	9 505 435 1
		1998..	9 008 387 1
1997..	8 115 310 X		
3371211	Upholstered household furniture, except stock line dual-purpose sleep furniture, wood .....	2002..	8 708 520 X
		2001..	8 130 181 2
		2000..	8 327 477 2
		1999..	8 367 406 1
		1998..	7 869 589 1
1997..	7 056 005 X		
3371212	Upholstered household furniture, except wood .....	2002..	107 838 X
		2001..	N N
		2000..	N N
		1999..	N N
		1998..	N N
1997..	N X		
3371214	Dual-purpose sleep furniture (including convertible sofas, jackknife sofa and chair beds, studio couches, and futons shipped with frames), except custom sold directly to the customer at retail .....	2002..	486 305 X
		2001..	478 428 16
		2000..	488 925 9
		1999..	481 488 6
		1998..	473 305 2
1997..	479 350 X		
337121W	Upholstered household furniture manufacturing, nsk, total .....	2002..	914 020 X
		2001..	597 692 11
		2000..	620 706 9
		1999..	656 540 6
		1998..	665 493 12
1997..	579 955 X		
337122	Nonupholstered wood household furniture manufacturing .....	2002..	10 288 306 X
		2001..	10 536 961 3
		2000..	11 682 112 2
		1999..	11 942 299 2
		1998..	11 074 127 1
1997..	10 299 965 X		

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3371221	Nonupholstered wood household furniture (including den, library, family and living room), except custom sold directly to the customer at retail .....	2002..	2 543 757	X
		2001..	2 384 733	8
		2000..	2 639 802	7
		1999..	2 802 539	6
		1998..	2 537 674	4
		1997..	2 287 549	X
3371224	Nonupholstered wood dining room and kitchen furniture (except kitchen cabinets), except custom sold directly to the customer at retail .....	2002..	1 467 127	X
		2001..	1 397 172	5
		2000..	1 659 653	5
		1999..	1 796 735	4
		1998..	1 632 208	2
		1997..	1 537 316	X
3371228	Nonupholstered wood bedroom furniture, except custom sold directly to the customer at retail .....	2002..	2 882 229	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
337122A	Nonupholstered wood infants' and children's furniture, except custom sold directly to the customer at retail .....	2002..	454 193	X
		2001..	365 526	4
		2000..	352 560	3
		1999..	316 298	2
		1998..	307 749	5
		1997..	287 666	X
337122E	Nonupholstered wood furniture, other types, except custom .....	2002..	1 788 941	X
		2001..	1 639 514	2
		2000..	1 808 132	2
		1999..	1 912 088	1
		1998..	1 723 130	2
		1997..	1 653 696	X
337122H	Nonupholstered wood household furniture (except kitchen cabinets, bathroom vanities, and related cabinetwork), custom sold directly to the customer at retail .....	2002..	118 116	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
337122W	Nonupholstered wood household furniture manufacturing, nsk, total .....	2002..	1 033 943	X
		2001..	1 333 228	12
		2000..	1 333 069	13
		1999..	1 294 609	7
		1998..	1 231 169	5
		1997..	1 166 356	X
337124	Metal household furniture manufacturing .....	2002..	1 923 215	X
		2001..	2 270 921	3
		2000..	2 359 912	3
		1999..	2 361 542	2
		1998..	2 399 241	3
		1997..	2 218 791	X
3371241	Metal household furniture, dining room and kitchen, including padded and plain chairs and stools .....	2002..	247 844	X
		2001..	226 177	16
		2000..	264 680	14
		1999..	296 159	8
		1998..	291 402	9
		1997..	328 970	X
3371244	Metal household furniture, outdoor and casual (including beach, lawn, garden, and porch) .....	2002..	682 306	X
		2001..	726 994	4
		2000..	812 949	4
		1999..	797 744	4
		1998..	795 369	8
		1997..	700 656	X
3371248	Metal household furniture, other types, nonupholstered .....	2002..	708 928	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
337124W	Metal household furniture manufacturing, nsk, total .....	2002..	284 137	X
		2001..	166 027	17
		2000..	142 459	17
		1999..	183 132	10
		1998..	219 224	1
		1997..	201 424	X
337125	Household furniture (except wood and metal) manufacturing .....	2002..	702 621	X
		2001..	735 445	5
		2000..	737 859	6
		1999..	698 665	7
		1998..	548 065	4
		1997..	602 309	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3371250	Household furniture, except wood and metal, nonupholstered .....	2002..	702 621	X
		2001..	735 445	5
		2000..	737 859	6
		1999..	698 665	7
		1998..	548 065	4
		1997..	602 309	X
337127	Institutional furniture manufacturing .....	2002..	4 165 534	X
		2001..	4 496 847	4
		2000..	4 605 724	4
		1999..	4 706 801	3
		1998..	4 527 625	2
		1997..	3 977 485	X
3371271	School furniture (except library), except stone and concrete .....	2002..	813 103	X
		2001..	669 584	7
		2000..	700 621	7
		1999..	736 897	6
		1998..	711 241	6
		1997..	630 340	X
3371274	Public building and related furniture (except bar, bowling center, cafeteria, restaurant, and school) .....	2002..	1 282 560	X
		2001..	1 250 423	6
		2000..	1 336 467	5
		1999..	1 303 994	4
		1998..	1 183 419	2
		1997..	1 138 881	X
3371278	Public furniture (bar, bowling center, cafeteria, and restaurant) .....	2002..	895 509	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
337127A	Institutional furniture, other types .....	2002..	693 327	X
		2001..	851 540	11
		2000..	940 374	9
		1999..	896 407	8
		1998..	1 028 015	9
		1997..	842 609	X
337127W	Institutional furniture manufacturing, nsk, total .....	2002..	481 035	X
		2001..	319 146	14
		2000..	238 580	20
		1999..	382 483	16
		1998..	374 952	6
		1997..	337 777	X
337129	Wood television, radio, and sewing machine cabinet manufacturing .....	2002..	372 505	X
		2001..	475 504	4
		2000..	474 767	4
		1999..	499 214	2
		1998..	477 572	9
		1997..	516 379	X
3371290	Wood cabinets (television, radio, and sewing machine), used as housings.....	2002..	372 505	X
		2001..	475 504	4
		2000..	474 767	4
		1999..	499 214	2
		1998..	477 572	9
		1997..	516 379	X
337211	Wood office furniture manufacturing .....	2002..	2 957 507	X
		2001..	3 850 410	10
		2000..	4 379 851	10
		1999..	3 770 797	6
		1998..	3 483 340	2
		1997..	3 051 300	X
3372111	Wood office seating, including upholstered .....	2002..	578 286	X
		2001..	873 148	37
		2000..	994 734	37
		1999..	738 557	21
		1998..	643 740	2
		1997..	623 419	X
3372114	Wood office desks and desk extensions .....	2002..	653 112	X
		2001..	720 984	7
		2000..	781 665	6
		1999..	681 840	5
		1998..	667 494	5
		1997..	594 428	X
3372117	Wood office files, storage units, and tables .....	2002..	665 164	X
		2001..	823 308	8
		2000..	946 399	9
		1999..	870 382	8
		1998..	729 222	2
		1997..	622 271	X
337211A	Wood office furniture, other types (including panel and deskling systems) .....	2002..	803 563	X
		2001..	1 016 384	15
		2000..	1 220 225	15
		1999..	1 037 787	14
		1998..	976 111	6
		1997..	707 052	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
337211W	Wood office furniture manufacturing, nsk, total .....	2002.. 257 382	X
		2001.. 416 586	13
		2000.. 436 829	12
		1999.. 442 231	12
		1998.. 466 773	5
		1997.. 504 130	X
337212	Custom architectural woodwork and millwork manufacturing .....	2002.. 3 888 830	X
		2001.. 2 608 149	7
		2000.. 2 670 731	6
		1999.. 2 379 928	5
		1998.. 2 205 397	7
		1997.. 2 067 987	X
3372120	Custom architectural woodwork, millwork, and fixtures .....	2002.. 3 888 830	X
		2001.. 2 608 149	7
		2000.. 2 670 731	6
		1999.. 2 379 928	5
		1998.. 2 205 397	7
		1997.. 2 067 987	X
337214	Office furniture (except wood) manufacturing .....	2002.. 7 158 873	X
		2001.. 7 077 231	3
		2000.. 8 281 689	2
		1999.. 8 348 123	2
		1998.. 8 239 590	1
		1997.. 8 148 445	X
3372141	Office seating, including upholstered, except wood .....	2002.. 1 657 007	X
		2001.. 1 256 752	11
		2000.. 1 542 456	9
		1999.. 1 751 286	6
		1998.. 1 789 252	1
		1997.. 1 787 201	X
3372144	Office desks and desk extensions, except wood .....	2002.. 251 158	X
		2001.. 517 004	6
		2000.. 528 908	5
		1999.. 533 624	4
		1998.. 566 933	2
		1997.. 511 162	X
3372147	Office files, storage units, and tables, except wood .....	2002.. 2 651 884	X
		2001.. 1 965 347	3
		2000.. 2 285 565	2
		1999.. 2 252 232	1
		1998.. 2 178 314	1
		1997.. 2 169 320	X
337214A	Office furniture, other types (including panel and desking systems), except wood .....	2002.. 2 329 009	X
		2001.. 3 046 894	3
		2000.. 3 730 161	3
		1999.. 3 517 726	2
		1998.. 3 444 576	1
		1997.. 3 453 780	X
337214W	Office furniture (except wood) manufacturing, nsk, total .....	2002.. 269 815	X
		2001.. 291 233	18
		2000.. 194 599	27
		1999.. 293 255	9
		1998.. 260 515	1
		1997.. 226 982	X
337215	Showcase, partition, shelving, and locker manufacturing .....	2002.. 8 118 904	X
		2001.. 7 741 342	8
		2000.. 8 261 085	7
		1999.. 8 090 859	6
		1998.. 7 975 568	2
		1997.. 7 545 384	X
3372151	Lockers, partitions, and shelving (except custom), wood .....	2002.. 166 677	X
		2001.. 247 734	9
		2000.. 242 719	8
		1999.. 224 254	10
		1998.. 188 230	2
		1997.. 180 383	X
3372155	Fixtures (bank, office, and store), wood, except custom .....	2002.. 1 484 348	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3372157	Partitions, prefabricated, assembled and knock-down, except wood .....	2002.. 257 969	X
		2001.. 292 479	7
		2000.. 293 830	6
		1999.. 276 621	6
		1998.. 281 538	3
		1997.. 267 096	X
337215A	Shelving and lockers, except wood .....	2002.. 1 062 629	X
		2001.. 1 474 830	6
		2000.. 1 571 651	6
		1999.. 1 498 873	4
		1998.. 1 322 869	1
		1997.. 1 222 973	X
337215E	Storage racks and accessories, except wood .....	2002.. 958 124	X
		2001.. 745 551	64
		2000.. 1 131 810	42
		1999.. 1 084 185	43
		1998.. 1 366 810	7
		1997.. 1 192 720	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
337215G	Fixtures (bank, office, and store), except wood .....	2002.. 1 384 200	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
337215J	Frames, furniture, wood .....	2002.. 300 038	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
337215L	Furniture dimensions, fully machined ready for assembly, hardwood and softwood .....	2002.. 898 106	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
337215W	Showcase, partition, shelving, and locker manufacturing, nsk, total .....	2002.. 1 606 813	X
		2001.. 1 141 785	21
		2000.. 1 104 104	18
		1999.. 943 511	17
		1998.. 1 052 515	6
		1997.. 1 011 210	X
337910	Mattress manufacturing .....	2002.. 4 933 086	X
		2001.. 4 714 536	3
		2000.. 4 756 014	2
		1999.. 4 307 918	2
		1998.. 4 247 976	2
		1997.. 3 848 118	X
3379101	Mattresses, innerspring (including polyurethane, rubber topper pads, and mattresses sold as part of Hollywood beds), except crib-size .....	2002.. 2 820 056	X
		2001.. 2 737 255	4
		2000.. 2 727 920	4
		1999.. 2 428 205	2
		1998.. 2 355 780	3
		1997.. 2 133 590	X
3379104	Mattresses, other types .....	2002.. 486 185	X
		2001.. 353 145	8
		2000.. 362 885	5
		1999.. 358 910	5
		1998.. 356 504	5
		1997.. 347 067	X
3379107	Foundations, except innerspring units and foundations incorporated into hybrid-type flotation sleep ensembles and electric adjustable sleep ensembles .....	2002.. 1 234 994	X
		2001.. 1 259 682	4
		2000.. 1 300 131	3
		1999.. 1 207 944	2
		1998.. 1 221 928	2
		1997.. 1 124 080	X
337910A	Sleep system ensembles and mattresses, except conventional waterbeds .....	2002.. 97 632	X
		2001.. 58 700	29
		2000.. 60 400	29
		1999.. 66 666	27
		1998.. 73 405	17
		1997.. 73 357	X
337910W	Mattress manufacturing, nsk, total .....	2002.. 294 219	X
		2001.. 305 755	8
		2000.. 304 677	10
		1999.. 246 194	12
		1998.. 240 359	1
		1997.. 170 024	X
337920	Blind and shade manufacturing .....	2002.. 2 507 097	X
		2001.. 2 570 988	6
		2000.. 2 415 478	5
		1999.. 2 545 086	4
		1998.. 2 555 252	6
		1997.. 2 192 994	X
3379202	Window shades, including accessories and rollers .....	2002.. 609 578	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3379204	Venetian blinds, including components and parts .....	2002.. 929 737	X
		2001.. 1 166 325	7
		2000.. 1 023 948	7
		1999.. 1 166 456	5
		1998.. 1 221 757	3
		1997.. 1 128 102	X
3379208	Blinds and shades, other types (including curtain and drapery fixtures, poles, and rods) .....	2002.. 785 026	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
337920W	Blind and shade manufacturing, nsk, total .....	2002.. 182 756	X
		2001.. 256 113	13
		2000.. 258 205	12
		1999.. 148 248	24
		1998.. 169 048	2
		1997.. 146 519	X
339111	Laboratory apparatus and furniture manufacturing .....	2002.. 4 616 239	X
		2001.. 2 690 827	5
		2000.. 2 492 611	4
		1999.. 2 200 958	3
		1998.. 2 228 236	3
		1997.. 2 047 886	X
3391114	Hospital beds .....	2002.. 765 977	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3391116	Hospital furniture .....	2002.. 882 281	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3391118	Laboratory apparatus and furniture .....	2002.. 2 795 932	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
339111W	Laboratory apparatus and furniture manufacturing, nsk, total .....	2002.. 172 049	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
339112	Surgical and medical instrument manufacturing .....	2002.. 20 450 459	X
		2001.. 22 547 618	4
		2000.. 20 878 818	2
		1999.. 19 847 097	1
		1998.. 18 590 592	1
		1997.. 17 367 955	X
3391120	Surgical and medical instruments .....	2002.. 20 450 459	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
339113	Surgical appliance and supplies manufacturing .....	2002.. 22 088 291	X
		2001.. 19 147 070	3
		2000.. 17 963 445	3
		1999.. 16 318 103	3
		1998.. 15 824 533	2
		1997.. 13 521 922	X
3391132	Surgical appliances and supplies, including orthopedic, prosthetic, and therapeutic .....	2002.. 17 992 253	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
3391136	Personal safety equipment and clothing, industrial and nonindustrial .....	2002.. 2 797 747	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	X
339113W	Surgical appliance and supplies manufacturing, nsk, total .....	2002.. 1 298 291	X
		2001.. 1 241 890	9
		2000.. 1 037 654	13
		1999.. 1 298 101	11
		1998.. 995 001	6
		1997.. 933 650	X
339114	Dental equipment and supplies manufacturing .....	2002.. 2 970 171	X
		2001.. 2 776 713	4
		2000.. 2 749 707	5
		1999.. 2 576 904	3
		1998.. 2 537 125	2
		1997.. 2 336 828	X
3391141	Dental equipment and supplies, professional .....	2002.. 1 958 379	X
		2001.. 2 038 521	5
		2000.. 1 960 765	6
		1999.. 1 809 375	4
		1998.. 1 698 615	2
		1997.. 1 583 987	X
3391143	Dental equipment and supplies, laboratory .....	2002.. 741 052	X
		2001.. 545 427	5
		2000.. 601 825	4
		1999.. 570 259	3
		1998.. 608 726	5
		1997.. 502 813	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)
339114W	Dental equipment and supplies manufacturing, nsk, total .....	2002.. 270 740	X
		2001.. 192 764	15
		2000.. 187 117	15
		1999.. 197 271	12
		1998.. 229 784	8
		1997.. 250 028	X
339115	Ophthalmic goods manufacturing .....	2002.. 4 277 169	X
		2001.. 3 856 354	4
		2000.. 3 943 749	4
		1999.. 3 832 274	3
		1998.. 3 239 636	1
		1997.. 3 236 650	X
3391151	Ophthalmic fronts and temples .....	2002.. 167 114	X
		2001.. 36 760	77
		2000.. 65 019	40
		1999.. 108 367	40
		1998.. 90 904	1
		1997.. 92 719	X
3391153	Ophthalmic focal lenses, glass .....	2002.. 43 083	X
		2001.. 61 097	10
		2000.. 63 411	9
		1999.. 65 035	4
		1998.. 79 075	11
		1997.. 98 397	X
3391155	Ophthalmic focal lenses, plastics .....	2002.. 823 909	X
		2001.. 723 081	9
		2000.. 662 635	5
		1999.. 682 518	6
		1998.. 609 280	1
		1997.. 609 618	X
3391157	Ophthalmic focal lenses, contact .....	2002.. 1 852 962	X
		2001.. 1 696 336	3
		2000.. 1 729 294	3
		1999.. 1 630 812	3
		1998.. 1 250 627	1
		1997.. 1 335 186	X
339115B	Ophthalmic goods, other types, including prescription ground eyeglass lenses .....	2002.. 1 019 069	X
		2001.. 947 990	13
		2000.. 1 048 582	11
		1999.. 973 830	7
		1998.. 879 156	1
		1997.. 786 957	X
339115W	Ophthalmic goods manufacturing, nsk, total .....	2002.. 371 032	X
		2001.. 391 089	12
		2000.. 374 808	10
		1999.. 371 713	11
		1998.. 330 595	1
		1997.. 313 773	X
339116	Dental laboratories .....	2002.. 3 096 988	X
		2001.. 2 924 928	3
		2000.. 2 698 855	2
		1999.. 2 531 715	2
		1998.. 3 114 382	2
		1997.. 2 707 433	X
3391160	Dental laboratories .....	2002.. 3 096 988	X
		2001.. 2 924 928	3
		2000.. 2 698 855	2
		1999.. 2 531 715	2
		1998.. 3 114 382	2
		1997.. 2 707 433	X
339911	Jewelry (except costume) manufacturing .....	2002.. 5 515 121	X
		2001.. 5 466 190	6
		2000.. 6 009 294	6
		1999.. 5 744 851	6
		1998.. 4 610 682	3
		1997.. 4 639 666	X
3399111	Jewelry, gold and platinum, except gold and platinum clad or plated to silver and nonprecious metals .....	2002.. 3 478 305	X
		2001.. 3 297 767	5
		2000.. 3 661 091	5
		1999.. 3 504 936	4
		1998.. 2 933 744	3
		1997.. 3 163 116	X
3399113	Jewelry, silver (including gold and platinum clad or plated to silver), except silver clad or plated to nonprecious metals .....	2002.. 758 630	X
		2001.. 599 142	13
		2000.. 686 235	22
		1999.. 698 731	22
		1998.. 473 959	17
		1997.. 398 559	X
3399115	Jewelry, other metals and types, except costume .....	2002.. 644 423	X
		2001.. 391 961	14
		2000.. 438 556	13
		1999.. 502 953	11
		1998.. 441 208	2
		1997.. 452 381	X
3399117	Stamped metal coins, including tokens .....	2002.. 35 048	X
		2001.. N	N
		2000.. N	N
		1999.. N	N
		1998.. N	N
		1997.. N	N

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3399117	Stamped metal coins, including tokens—Con. 1997..	N	X
339911W	Jewelry (except costume) manufacturing, nsk, total .....	2002.. 598 715 2001.. 1 177 320 2000.. 1 223 411 1999.. 1 038 231 1998.. 761 770 1997.. 625 610	X 22 25 27 6 X
339912	Silverware and hollowware manufacturing .....	2002.. 424 771 2001.. 389 500 2000.. 450 538 1999.. 451 878 1998.. 558 985 1997.. 607 818	X 3 3 2 3 X
3399122	Hollowware (including baby goods, ecclesiastical ware, novelties, toiletware, and trophies), precious metal and pewter .....	2002.. 122 197 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
3399125	Silverware (flatware and cutlery) (including knives, forks, spoons, and carving sets made wholly of metal), precious metal and pewter .....	2002.. 266 453 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
339912W	Silverware and hollowware manufacturing, nsk, total .....	2002.. 36 121 2001.. 26 951 2000.. 27 298 1999.. 28 557 1998.. 33 886 1997.. 28 536	X 12 14 11 1 X
339913	Jewelers' material and lapidary work manufacturing .....	2002.. 1 051 634 2001.. 700 086 2000.. 749 608 1999.. 727 212 1998.. 722 269 1997.. 775 833	X 4 4 3 4 X
3399132	Lapidary work (including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes), except for watch jewels .....	2002.. 346 217 2001.. N 2000.. N 1999.. N 1998.. N 1997.. N	X N N N N X
3399133	Jewelers' findings and materials, precious metal (excluding gold, platinum, and silver plated to nonprecious metal) .....	2002.. 581 336 2001.. 420 766 2000.. 444 978 1999.. 414 481 1998.. 349 095 1997.. 407 591	X 5 4 4 5 X
3399135	Other jewelers' findings and materials, including gold, platinum, and silver plated to nonprecious metal .....	2002.. 45 480 2001.. 33 300 2000.. 39 238 1999.. 36 212 1998.. 63 665 1997.. 68 358	X 24 15 15 4 X
339913W	Jewelers' material and lapidary work manufacturing, nsk, total .....	2002.. 78 601 2001.. 119 346 2000.. 108 699 1999.. 131 123 1998.. 157 340 1997.. 132 361	X 11 12 7 10 X
339914	Costume jewelry and novelty manufacturing .....	2002.. 836 011 2001.. 1 045 494 2000.. 1 165 438 1999.. 1 145 197 1998.. 1 209 063 1997.. 1 239 333	X 6 5 4 5 X
3399140	Costume jewelry and novelties .....	2002.. 836 011 2001.. 1 045 494 2000.. 1 165 438 1999.. 1 145 197 1998.. 1 209 063 1997.. 1 239 333	X 6 5 4 5 X
339920	Sporting and athletic goods manufacturing .....	2002.. 10 778 755 2001.. 10 843 606 2000.. 11 035 756 1999.. 10 127 537 1998.. 10 265 518 1997.. 9 674 595	X 3 3 4 1 X

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). Differences between the 1997 data shown and comparable data in Table 1 of this report are due to revisions made during the ASM review. For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3399201	Fishing tackle and equipment.....	2002..	652 590	X
		2001..	605 594	7
		2000..	648 113	7
		1999..	679 564	6
		1998..	603 628	5
		1997..	683 057	X
3399203	Golf equipment, except apparel and shoes .....	2002..	2 813 177	X
		2001..	2 844 564	2
		2000..	2 919 488	2
		1999..	2 738 255	2
		1998..	2 904 031	1
		1997..	2 921 096	X
3399205	Playground equipment.....	2002..	861 858	X
		2001..	621 468	8
		2000..	712 946	5
		1999..	704 471	5
		1998..	775 945	3
		1997..	756 549	X
3399207	Gymnasium and exercise equipment .....	2002..	2 270 713	X
		2001..	2 667 797	10
		2000..	2 703 781	11
		1999..	2 382 209	13
		1998..	2 051 208	5
		1997..	1 424 482	X
339920A	Other sporting and athletic goods .....	2002..	3 377 637	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
339920W	Sporting and athletic goods manufacturing, nsk, total .....	2002..	802 780	X
		2001..	906 816	13
		2000..	940 364	14
		1999..	702 593	16
		1998..	1 042 375	4
		1997..	923 676	X
339931	Doll and stuffed toy manufacturing .....	2002..	272 644	X
		2001..	229 566	20
		2000..	267 852	18
		1999..	277 244	16
		1998..	297 201	10
		1997..	297 496	X
3399310	Dolls, toy animals, action figures, and stuffed toys (including parts and accessories) .....	2002..	272 644	X
		2001..	229 566	20
		2000..	267 852	18
		1999..	277 244	16
		1998..	297 201	10
		1997..	297 496	X
339932	Game, toy, and children's vehicle manufacturing .....	2002..	3 227 861	X
		2001..	2 888 372	5
		2000..	3 075 596	5
		1999..	3 154 069	4
		1998..	3 513 966	6
		1997..	3 905 925	X
3399322	Baby carriages and children's vehicles (including parts for children's vehicles sold separately), excluding bicycles with pneumatic tires .....	2002..	170 332	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3399327	Nonelectronic games and puzzles, including parts.....	2002..	393 756	X
		2001..	442 085	18
		2000..	566 587	15
		1999..	468 516	14
		1998..	465 473	15
		1997..	638 310	X
3399326	Models (operating and static), craft kits and supplies, natural science kits and sets, and collectors' miniatures .....	2002..	495 042	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
3399329	Other electronic toys and games (including home video games), except cartridges, disks, and tapes .....	2002..	747 123	X
		2001..	25 343	A
		2000..	30 869	A
		1999..	55 704	65
		1998..	150 797	1
		1997..	188 111	X
3399328	Other nonelectronic toys, including parts .....	2002..	1 168 912	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). Differences between the 1997 data shown and comparable data in Table 1 of this report are due to revisions made during the ASM review. For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
339932W	Game, toy, and children's vehicle manufacturing, nsk, total .....	2002..	252 696	X
		2001..	343 597	18
		2000..	264 999	24
		1999..	279 788	21
		1998..	417 110	9
		1997..	367 279	X
339941	Pen and mechanical pencil manufacturing .....	2002..	1 332 462	X
		2001..	1 528 983	5
		2000..	1 726 909	5
		1999..	1 653 860	4
		1998..	1 732 663	3
		1997..	1 561 179	X
3399411	Ballpoint and roller pens .....	2002..	623 804	X
		2001..	705 442	1
		2000..	843 673	1
		1999..	815 796	1
		1998..	894 127	5
		1997..	772 423	X
3399413	Markers .....	2002..	488 173	X
		2001..	554 236	14
		2000..	585 892	13
		1999..	542 213	13
		1998..	516 528	7
		1997..	488 656	X
3399415	Other pens, mechanical pencils, and parts for pens, markers, and mechanical pencils .....	2002..	192 772	X
		2001..	227 036	5
		2000..	257 305	4
		1999..	252 333	4
		1998..	258 743	5
		1997..	254 336	X
339941W	Pen and mechanical pencil manufacturing, nsk, total .....	2002..	27 713	X
		2001..	42 269	9
		2000..	40 038	10
		1999..	43 518	9
		1998..	63 266	3
		1997..	45 764	X
339942	Lead pencil and art good manufacturing .....	2002..	1 162 902	X
		2001..	978 462	5
		2000..	1 024 144	5
		1999..	1 091 824	6
		1998..	1 085 126	2
		1997..	1 104 610	X
3399421	Nonmechanical (wood-cased) pencils, graphite and colored sticks, chalk, crayons, and blackboards .....	2002..	505 638	X
		2001..	459 627	8
		2000..	498 685	8
		1999..	503 482	10
		1998..	470 149	3
		1997..	497 609	X
3399423	Artists' equipment and materials .....	2002..	406 327	X
		2001..	246 797	10
		2000..	252 227	10
		1999..	275 089	9
		1998..	277 065	2
		1997..	284 932	X
3399427	Nonelectric office machines (including gummed tape moisteners, paper cutters and trimmers, pencil sharpeners, perforators, punches, scalers for gummed tape, staple removers, and staplers) .....	2002..	170 810	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
339942W	Lead pencil and art good manufacturing, nsk, total .....	2002..	80 127	X
		2001..	59 253	19
		2000..	48 238	23
		1999..	56 993	18
		1998..	115 085	6
		1997..	93 651	X
339943	Marking device manufacturing .....	2002..	520 021	X
		2001..	608 366	7
		2000..	610 930	7
		1999..	642 955	8
		1998..	651 405	2
		1997..	644 415	X
3399430	Marking devices .....	2002..	520 021	X
		2001..	608 366	7
		2000..	610 930	7
		1999..	642 955	8
		1998..	651 405	2
		1997..	644 415	X
339944	Carbon paper and inked ribbon manufacturing .....	2002..	636 563	X
		2001..	595 777	6
		2000..	663 796	5
		1999..	690 259	4
		1998..	779 559	1
		1997..	808 928	X

See footnotes at end of table.

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3399441	Inked ribbons.....	2002..	506 799	X
		2001..	512 876	7
		2000..	583 491	6
		1999..	609 633	4
		1998..	645 280	1
		1997..	692 017	X
3399443	Carbon paper and stencil paper.....	2002..	90 137	X
		2001..	67 719	9
		2000..	67 286	9
		1999..	60 948	9
		1998..	73 437	1
		1997..	85 805	X
339944W	Carbon paper and inked ribbon manufacturing, nsk, total.....	2002..	39 627	X
		2001..	15 181	42
		2000..	13 018	49
		1999..	19 678	33
		1998..	60 842	1
		1997..	31 106	X
339950	Sign manufacturing.....	2002..	8 814 290	X
		2001..	8 432 034	3
		2000..	8 623 667	3
		1999..	8 401 887	2
		1998..	7 398 827	3
		1997..	7 185 895	X
3399501	Electric signs.....	2002..	2 577 775	X
		2001..	2 394 965	5
		2000..	2 422 245	5
		1999..	2 513 989	5
		1998..	1 895 333	6
		1997..	2 061 111	X
3399503	Nonelectric signs and displays, including counter, floor, and point-of-purchase displays.....	2002..	3 149 985	X
		2001..	3 148 057	5
		2000..	3 315 670	3
		1999..	3 105 898	3
		1998..	2 441 821	6
		1997..	2 438 678	X
3399505	Advertising specialties.....	2002..	1 309 686	X
		2001..	1 551 158	4
		2000..	1 630 656	4
		1999..	1 522 737	4
		1998..	1 401 880	3
		1997..	1 337 104	X
339950W	Sign manufacturing, nsk, total.....	2002..	1 776 844	X
		2001..	1 337 853	7
		2000..	1 255 097	7
		1999..	1 259 262	7
		1998..	1 659 793	6
		1997..	1 349 002	X
339991	Gasket, packing, and sealing device manufacturing.....	2002..	5 006 382	X
		2001..	5 358 948	8
		2000..	6 104 508	9
		1999..	5 226 133	3
		1998..	4 928 477	1
		1997..	4 867 527	X
3399911	Packing, compression type.....	2002..	310 725	X
		2001..	200 237	19
		2000..	205 460	18
		1999..	232 116	7
		1998..	197 383	4
		1997..	208 499	X
3399913	Gaskets and gasketing, nonmetallic.....	2002..	1 487 015	X
		2001..	1 256 489	8
		2000..	1 477 102	10
		1999..	1 392 916	6
		1998..	1 292 416	3
		1997..	1 279 526	X
3399915	Packing and seals, molded.....	2002..	1 235 700	X
		2001..	1 618 028	24
		2000..	1 899 172	28
		1999..	1 137 561	6
		1998..	989 425	1
		1997..	1 066 901	X
3399917	Gaskets and seals, metallic and machined.....	2002..	761 102	X
		2001..	982 421	4
		2000..	1 049 360	3
		1999..	994 056	2
		1998..	889 217	2
		1997..	873 404	X
3399918	Seals, axial, mechanical face, including parts.....	2002..	207 334	X
		2001..	292 945	14
		2000..	318 205	13
		1999..	301 044	13
		1998..	265 468	9
		1997..	257 291	X
3399919	Seals, rotary oil.....	2002..	558 796	X
		2001..	565 838	8
		2000..	664 255	7
		1999..	785 206	4
		1998..	690 860	1
		1997..	684 255	X

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
339991W	Gasket, packing, and sealing device manufacturing, nsk, total .....	2002..	445 710	X
		2001..	442 990	16
		2000..	490 955	19
		1999..	383 234	19
		1998..	603 708	4
		1997..	497 651	X
339992	Musical instrument manufacturing .....	2002..	1 705 905	X
		2001..	1 669 617	3
		2000..	1 656 783	3
		1999..	1 536 039	3
		1998..	1 283 251	3
		1997..	1 278 707	X
3399921	Pianos, nonelectronic .....	2002..	173 794	X
		2001..	180 599	7
		2000..	180 172	3
		1999..	175 892	3
		1998..	191 448	5
		1997..	189 926	X
3399923	Organs .....	2002..	105 608	X
		2001..	93 235	13
		2000..	87 592	11
		1999..	84 226	5
		1998..	90 240	10
		1997..	89 037	X
3399925	Pianos (nonelectronic) and organs, parts, except benches .....	2002..	49 941	X
		2001..	60 407	7
		2000..	60 355	7
		1999..	45 998	9
		1998..	63 823	4
		1997..	59 300	X
3399927	Musical instruments, other types, including parts .....	2002..	1 308 744	X
		2001..	1 222 893	3
		2000..	1 257 814	4
		1999..	1 157 693	3
		1998..	821 362	5
		1997..	834 262	X
339992W	Musical instrument manufacturing, nsk, total .....	2002..	67 818	X
		2001..	112 483	16
		2000..	70 850	24
		1999..	72 231	22
		1998..	116 378	6
		1997..	106 182	X
339993	Fastener, button, needle, and pin manufacturing .....	2002..	629 636	X
		2001..	697 564	5
		2000..	744 804	4
		1999..	763 291	5
		1998..	805 778	1
		1997..	814 640	X
3399931	Buttons and button parts, including button backs, blanks, and molds (excluding buttons and button parts made of precious metals and precious and semiprecious stones) .....	2002..	203 639	X
		2001..	195 005	12
		2000..	211 748	9
		1999..	242 010	11
		1998..	257 093	1
		1997..	282 403	X
3399933	Zippers and slide fasteners, excluding zippers and slide fasteners made of precious metals and precious and semiprecious stones .....	2002..	133 255	X
		2001..	192 995	9
		2000..	259 177	4
		1999..	244 778	4
		1998..	245 938	1
		1997..	249 546	X
3399935	Buckles, fasteners (except slide fasteners), needles, and pins, excluding those made of precious metals and precious and semiprecious stones .....	2002..	222 580	X
		2001..	279 838	8
		2000..	252 065	9
		1999..	256 593	8
		1998..	240 003	1
		1997..	239 628	X
339993W	Fastener, button, needle, and pin manufacturing, nsk, total .....	2002..	70 162	X
		2001..	29 727	21
		2000..	21 815	22
		1999..	19 910	26
		1998..	62 743	2
		1997..	43 063	X
339994	Broom, brush, and mop manufacturing .....	2002..	2 049 503	X
		2001..	1 945 859	4
		2000..	2 020 527	3
		1999..	2 098 293	3
		1998..	2 204 070	2
		1997..	1 974 317	X
3399941	Brooms, mops, and dusters .....	2002..	546 110	X
		2001..	465 025	9
		2000..	572 053	7
		1999..	590 551	6
		1998..	633 919	6
		1997..	622 479	X

See footnotes at end of table.

Table 3. **Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

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Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
3399943	Brushes and holders, pads, roller frames and rollers (including replacement rollers), paint and varnish .....	2002..	490 584	X
		2001..	390 480	10
		2000..	418 713	7
		1999..	396 919	7
		1998..	433 233	1
		1997..	423 613	X
3399945	Brushes, other types .....	2002..	862 496	X
		2001..	968 552	5
		2000..	961 119	5
		1999..	1 028 163	3
		1998..	1 072 001	1
		1997..	872 801	X
339994W	Broom, brush, and mop manufacturing, nsk, total .....	2002..	150 313	X
		2001..	121 802	3
		2000..	68 643	5
		1999..	82 660	5
		1998..	64 916	8
		1997..	55 424	X
339995	Burial casket manufacturing .....	2002..	1 188 319	X
		2001..	1 247 264	3
		2000..	1 193 814	3
		1999..	1 172 780	3
		1998..	1 199 794	2
		1997..	1 172 405	X
3399951	Burial caskets and coffins, completely lined and trimmed, adult sizes only, metal .....	2002..	778 673	X
		2001..	816 065	3
		2000..	792 288	3
		1999..	762 538	3
		1998..	721 130	1
		1997..	744 130	X
3399953	Burial caskets and coffins, completely lined and trimmed, adult sizes only, wood .....	2002..	273 709	X
		2001..	329 004	11
		2000..	303 746	9
		1999..	313 205	8
		1998..	323 501	1
		1997..	317 604	X
3399955	Burial caskets and coffins, other types (including burial boxes and vaults (except concrete and stone), casket shells, casket shipping cases and containers, and children's) .....	2002..	81 462	X
		2001..	69 860	5
		2000..	68 569	4
		1999..	69 018	3
		1998..	97 415	16
		1997..	65 817	X
339995W	Burial casket manufacturing, nsk, total .....	2002..	54 475	X
		2001..	32 336	7
		2000..	29 212	8
		1999..	28 019	8
		1998..	57 747	16
		1997..	44 854	X
339999	All other miscellaneous manufacturing .....	2002..	12 409 120	X
		2001..	8 126 362	4
		2000..	8 514 487	4
		1999..	8 255 089	3
		1998..	7 808 770	1
		1997..	7 270 148	X
3399991	Fire extinguishing equipment, hand-portable and fixed-system (except water sprinkler systems), including parts and attachments .....	2002..	627 804	X
		2001..	601 918	5
		2000..	594 284	2
		1999..	553 356	1
		1998..	578 002	2
		1997..	543 864	X
3399993	Coin-operated amusement machines, except jukeboxes .....	2002..	1 198 531	X
		2001..	952 109	5
		2000..	750 916	6
		1999..	685 827	5
		1998..	730 998	2
		1997..	866 254	X
3399995	Candles, including tapers .....	2002..	1 266 915	X
		2001..	1 552 562	10
		2000..	1 622 985	10
		1999..	1 449 654	9
		1998..	989 914	2
		1997..	907 663	X
3399997	Umbrellas and parasols, including parts .....	2002..	70 201	X
		2001..	54 613	25
		2000..	79 142	19
		1999..	76 984	8
		1998..	78 188	3
		1997..	74 927	X
3399999	Artificial trees, flowers, fruits, and wreaths, including feathers and plumes .....	2002..	260 711	X
		2001..	400 962	19
		2000..	408 241	19
		1999..	381 604	19
		1998..	292 556	11
		1997..	250 304	X

See footnotes at end of table.

**Table 3. Historical Statistics for Product Classes - Value of Shipments by All Producers: 2002 and Earlier Years—Con.**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). Differences between the 1997 data shown and comparable data in Table 1 of this report are due to revisions made during the ASM review. For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product class code	Product class	Value of product shipments (\$1,000)	Relative standard error of estimate <sup>1</sup> (percent)	
339999E	Mirror and picture frames and framed pictures .....	2002..	1 435 148	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
339999K	Other miscellaneous fabricated products .....	2002..	5 012 476	X
		2001..	N	N
		2000..	N	N
		1999..	N	N
		1998..	N	N
		1997..	N	X
339999W	All other miscellaneous manufacturing, nsk, total .....	2002..	2 537 334	X
		2001..	984 627	13
		2000..	943 118	16
		1999..	1 040 507	14
		1998..	1 638 168	2
		1997..	1 279 276	X

<sup>1</sup>Description of relative standard error of estimate is given in Appendix C. Percentage standard errors shown are relative standard errors of estimates of level.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census and ASM results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Products Primary to More Than One Industry - Quantity and Value of Shipments by Product Class: 2002**

[Product codes that include an "XX" are nonstandard codes used to present totals of products' primary relationships. These totals include data of more than one 7-digit product class or 10-digit product. The 7-digit codes presented in this table include all products of the product class regardless of whether they are primary to more than one industry. The portion primary to more than one industry may be determined from the 10-digit product codes. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Product shipments	
		Quantity	Value (\$1,000)
311XXAA	Pork, processed or cured, not canned or made into sausage	X	7 482 517
311611G	Pork, processed or cured, not canned or made into sausage, made in slaughtering plants	X	2 253 712
3116121	Pork, processed or cured, not canned or made into sausage, made from purchased carcasses	X	5 228 805
311XXAABBB	Sweet-pickled or dry-cured pork (not smoked, cooked, canned, or made into sausage)	X	395 033
311611G111	Pork, sweet-pickled or dry-cured (not smoked, cooked, canned, or made into sausage), made in slaughtering plants	S	84 573
3116121111	Pork, sweet-pickled or dry-cured (except smoked, cooked, canned, or pork made into sausage), made from purchased carcasses	S	310 460
311XXAACCC	Dry salt pork, not canned or made into sausage	X	D
311611G121	Pork, dry salt, not canned or made into sausage, made in slaughtering plants	S	15 652
3116121121	Pork, dry salt, not canned or made into sausage, made from purchased carcasses	D	D
311XXAADDD	Smoked hams and picnics, except canned	X	2 736 583
311611G131	Pork, smoked hams and picnics, except canned, made in slaughtering plants	S	975 740
3116121231	Pork, smoked hams and picnics, except canned, made from purchased carcasses	S	975 740
311XXAAEEEE	Smoked slab bacon	¶1 119 886.0	1 760 843
311611G141	Pork, smoked slab bacon, made in slaughtering plants	X	473 485
3116121341	Pork, smoked slab bacon, made from purchased carcasses	187 855.0	201 861
311XXAAFFF	Smoked sliced bacon	¶192 187.0	271 624
311611G151	Pork, smoked sliced bacon, made in slaughtering plants	X	2 404 667
3116121451	Pork, smoked sliced bacon, made from purchased carcasses	S	661 969
311XXAAGGG	Other smoked pork, not canned or made into sausage	¶1 052 424.0	1 742 698
311611G161	Pork, other smoked meats, not canned or made into sausage, made in slaughtering plants	X	479 800
3116121561	Pork, oth. smoked meats, not can/sausage, purch. carcasses	S	124 616
311XXAAHHH	Boiled ham, barbecue pork, and other cooked pork, except canned meats and sausage	¶240 057.0	355 184
311611G171	Pork, boiled ham, barbecue pork, and other cooked, except canned meats and sausage, made in slaughtering plants	X	845 871
3116121671	Pork, boiled ham, barbecue pork, and other cooked meats, except canned meats and sausage, made from purchased carcasses	¶74 652.0	120 547
311XXBB	Sausage and similar products, except canned	¶357 152.0	725 324
311611J	Sausage and similar products, except canned, made in slaughtering plants	X	8 314 969
3116124	Sausage and similar products, except canned, made from purchased carcasses	X	2 006 968
311XXBBAAA	Fresh sausage (pork sausage, breakfast links, etc.), except canned	X	6 308 001
311611J111	Sausage, fresh (pork sausage, breakfast links, etc.), except canned, made in slaughtering plants	X	1 976 790
3116124111	Sausage, fresh (pork sausage, breakfast links, etc.), except canned, made from purchased carcasses	¶835 747.0	925 294
311XXBBCCC	Dry or semidry sausage (salami, cervelat, beef jerky, pepperoni, summer sausage, pork roll, etc.)	S	1 051 496
311611J121	Sausage, dry or semidry (salami, cervelat, beef jerky, pepperoni, summer sausage, pork roll, etc.), made in slaughtering plants	X	D
3116124221	Sausage, dry or semidry (salami, cervelat, beef jerky, pepperoni, summer sausage, pork roll, etc.), made from purchased carcasses	D	D
311XXBBDDD	Frankfurters, including wieners, except canned	S	1 541 904
311611J131	Frankfurters, including wieners, except canned, made in slaughtering plants	X	1 516 244
3116124331	Frankfurters, including wieners, except canned, made from purchased carcasses	S	207 239
311XXBBEEE	Other sausage, smoked or cooked (bologna, liverwurst, Polish sausage, etc.), except canned	¶1 087 558.0	1 309 005
311611J141	Other sausage, smoked or cooked (bologna, liverwurst, Polish sausage, etc.), except canned, made in slaughtering plants	X	3 020 678
3116124441	Other sausage, smoked or cooked (bologna, liverwurst, Polish sausage, etc.), except canned, made from purchased carcasses	¶521 484.0	688 854
311XXBBFFF	Jellied goods and similar preparations (headcheese, meat loaves, scrapple, puddings, chili con carne, etc.), except canned	¶1 819 965.0	2 331 824
311611J151	Jellied goods and similar preparations (headcheese, meat loaves, scrapple, puddings, chili con carne, etc.), except canned, made in slaughtering plants	X	D
3116124451	Jellied goods and similar preparations (headcheese, meat loaves, scrapple, puddings, chili con carne, etc.), except canned, made from purchased carcasses	D	D
311XXCC	Canned meats (except dog, cat, and baby food)	S	41 688
311611M	Canned meats (except dog, cat, and baby food), made in slaughtering plants	X	1 317 130
3116127	Canned meats (except dog, cat, and baby food), made from purchased carcasses	X	169 049
311XXCCAAA	Canned meats (except dog, cat, and baby food)	X	1 148 081
311611M100	Canned meats (except dog, cat, and baby food), made in slaughtering plants	X	1 317 130
3116127100	Canned meats (except dog, cat, and baby food), made from purchased carcasses	S	169 049
311XXDD	Prepared flour mixes (including refrigerated and frozen doughs and batters)	¶877 934.0	1 148 081
311211A	Prepared flour mixes, including refrigerated and frozen doughs and batters, made in flour mills	X	5 110 950
3118220	Prepared flour mixes, including refrigerated and frozen doughs and batters, made from purchased flour	X	565 584
311XXDDAAA	Pancake and waffle mixes	X	4 545 366
311211A111	Pancake and waffle mixes, made in flour mills	X	325 667
3118220211	Pancake and waffle mixes, made from purchased flour	S	98 881
311XXDDBBB	Cake mixes, including gingerbread	S	226 786
311211A121	Cake mixes, including gingerbread, made in flour mills	X	605 297
3118220121	Cake mixes, including gingerbread, made from purchased flour	S	18 474
311XXDDCCC	Biscuit mixes	S	586 823
311211A131	Biscuit mixes, made in flour mills	X	146 147
3118220231	Biscuit mixes, made from purchased flour	S	98 806
311XXDDEEE	Other prepared flour mixes (including cookie, piecrust, doughnut, and other sweet yeast goods mixes)	S	47 341
311211A151	Other prepared flour mixes (including cookie, piecrust, doughnut, and other sweet yeast goods mixes), made in flour mills	X	786 438
3118220241	Other prepared flour mixes (including cookie, piecrust, doughnut, and other sweet yeast goods mixes), made from purchased flour	S	198 537
311XXDDFFF	Bread and bread-type roll mixes	X	587 901
311211A141	Bread and bread-type roll mixes, made in flour mills	S	127 250
3118220251	Bread and bread-type roll mixes, made from purchased flour	S	27 656
			99 594

See footnotes at end of table.



**Table 4. Products Primary to More Than One Industry - Quantity and Value of Shipments by Product Class: 2002—Con.**

[Product codes that include an "XX" are nonstandard codes used to present totals of products' primary relationships. These totals include data of more than one 7-digit product class or 10-digit product. The 7-digit codes presented in this table include all products of the product class regardless of whether they are primary to more than one industry. The portion primary to more than one industry may be determined from the 10-digit product codes. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Product shipments	
		Quantity	Value (\$1,000)
311XXDD	Prepared flour mixes (including refrigerated and frozen doughs and batters)—Con.		
311XXDDGGG	Refrigerated doughs and batters (cookie, biscuit, bread and bread-type roll, pasta, pizza, coffeecake, pancake, etc.)	X	1 189 809
311211A161	Refrigerated doughs and batters (cookie, biscuit, bread and bread-type roll, pasta, pizza, coffeecake, pancake, etc.), made in flour mills . . . . .mil lb.	P36 933.0	13 619
3118220261	Refrigerated doughs and batters (cookie, biscuit, bread and bread-type roll, pasta, pizza, coffeecake, pancake, etc.), made from purchased flour . . . . .mil lb.	P787 142.0	1 176 190
311XXDDHHH	Frozen doughs and batters (cookie, biscuit, bread and bread-type roll, pasta, pizza, coffeecake, pancake, etc.)	X	1 204 398
311211A171	Frozen doughs and batters (cookie, biscuit, bread and bread-type roll, pasta, pizza, coffeecake, pancake, etc.), made in flour mills . . . . .mil lb.	94 482.0	57 960
3118220271	Frozen doughs and batters (cookie, biscuit, bread and bread-type roll, pasta, pizza, coffeecake, pancake, etc.), made from purchased flour . . . . .mil lb.	S	1 146 438
311XXEE	Chocolate and chocolate-type confectionery products	X	9 150 679
3113204	Chocolate and chocolate-type confectionery products, made from cacao beans	X	2 028 528
3113301	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment	X	6 919 670
3113302	Chocolate and chocolate-type confectionery products, made from purchased chocolate retailed at manufacturing establishment	X	202 481
311XXEEAAA	Chocolate and chocolate-type confectionery products	X	9 150 679
3113204100	Chocolate and chocolate-type confectionery products, made from cacao beans . . . . .mil lb.	S	2 028 528
3113301100	Chocolate and chocolate-type confectionery products, made from purchased chocolate not retailed at manufacturing establishment . . . . .mil lb.	S	6 919 670
3113302100	Chocolate and chocolate-type confectionery products, made from purchased chocolate retailed at manufacturing establishment . . . . .mil lb.	S	202 481
313XXAA	Textured, crimped, and bulked filament yarns	X	9 326 138
3131125	Yarns, textured, crimped, and bulked, filament, including stretch, made from purchased yarn	X	2 615 028
3252210	Rayon, acetate, and lyocell manufactured fibers	X	969 543
3252221	Nylon and other polyamide manufactured fibers	X	2 644 689
3252224	Polyolefin manufactured fibers	X	420 089
3252227	Polyester manufactured fibers	X	1 811 506
325222A	Other manufactured noncellulosic fibers (excluding glass, carbon, and graphite)	X	865 283
313XXAABBB	Textured, crimped, and bulked filament yarns	X	5 968 989
3131125100	Yarns, textured, crimped, and bulked, filament, including stretch, made from purchased yarn . . . . .mil lb.	P1 791 956.0	2 615 028
3252210131	Rayon, acetate, and lyocell textured yarn (including strip), made by filament yarn producers . . . . .mil lb.	D	D
3252210139	Rayon, acetate, and lyocell yarn (including strip), monofilament and group (multi) filament, made by filament yarn producers . . . . .mil lb.	P35 488.0	79 534
3252221131	Nylon and other polyamide fiber monofilament and fewofilament textile yarns, including strip, made by filament yarn producers . . . . .mil lb.	S	670 160
3252224111	Polyolefin monofilament yarn, including strip, made by filament yarn producers . . . . .mil lb.	D	D
3252227111	Industrial polyester yarn, including strip, made by filament yarn producers . . . . .mil lb.	150 000.0	478 828
3252227211	Polyester textile yarn, including strip, made by filament yarn producers . . . . .mil lb.	S	718 810
325222A115	Other manufactured noncellulosic fibers, yarn (including strip), monofilament and group (multi) filament, made by filament yarn producers . . . . .mil lb.	D	D
313XXBB	Finished cotton broadwoven fabrics	X	2 287 046
3132109	Broadwoven fabrics, cotton, finished in weaving mills	X	538 804
3133111	Broadwoven fabrics, cotton, finished in finishing mills	X	1 748 242
313XXBBAAA	Finished cotton plain weave broadwoven fabric, excluding pile	X	1 236 985
3132109112	Broadwoven fabrics, cotton, plain weave (except pile), finished in weaving mills	X	101 786
3133111191	Broadwoven fabrics, cotton, plain weave (except pile), finished in finishing mills	X	1 135 199
313XXBBCCC	Finished cotton broadwoven twill weave fabrics, excluding pile	X	D
3132109161	Broadwoven fabrics, cotton, twill weave (except pile), finished in weaving mills	X	258 350
3133111161	Broadwoven fabrics, cotton, twill weave (except pile), finished in finishing mills	X	D
313XXBBDDD	Finished cotton broadwoven fabrics, excluding plain, twill, and pile weaves (including sateens, oxfords, table damask, jacquard, and dobby shirting)	X	D
3132109171	Broadwoven fabrics, cotton, all other weaves (including sateens, oxfords, table damask, jacquard, and dobby shirting), (except plain, twill, and pile), finished in weaving mills	X	D
3133111171	Broadwoven fabrics, cotton, including sateens, oxfords, table damask, jacquard, and dobby shirting (except plain, twill, and pile), finished in finishing mills	X	350 086
313XXBBEEE	Finished cotton broadwoven pile fabrics (including velvets, plushes, corduroy, terry toweling, and terry cloth)	X	D
3132109181	Broadwoven fabrics, cotton, pile (including velvets, plushes, corduroy, terry toweling, and terry cloth), finished in weaving mills	X	D
3133111181	Broadwoven fabrics, cotton, pile (including velvets, plushes, corduroy, terry toweling, and terry cloth), finished in finishing mills	X	D
313XXCC	Fabricated textile products	X	6 990 545
313210D	Fabricated textile products, made in weaving mills	X	1 362 943
3141293	Sheets and pillowcases, made from purchased materials	X	1 363 386
3141291	Bedspreads, made from purchased materials	X	190 292
3141295	Towels and washcloths, made from purchased materials	X	587 024
3141296	Other household furnishings, made from purchased materials	X	3 486 900
313XXCCAAA	Towels and washcloths	X	1 146 697
313210D111	Towels and washcloths, made in weaving mills	X	559 673
3141295100	Towels and washcloths, made from purchased materials	X	587 024
313XXCCBBB	Sheets and pillowcases	X	D
313210D121	Sheets and pillowcases, made in weaving mills	X	D
3141293100	Sheets and pillowcases, made from purchased materials	X	1 363 386
313XXCCDDD	Bedspreads	X	D
313210D131	Bedspreads, made in weaving mills	X	D
3141291100	Bedspreads, made from purchased materials	X	190 292
313XXCCEEE	Blankets	X	413 567
313210D151	Blankets, made in weaving mills	X	267 209
3141296517	Blankets, made from purchased materials	X	146 358
313XXDD	Finished manmade fiber and silk broadwoven fabrics	X	3 605 138
313210P	Broadwoven fabrics, manmade fiber and silk, finished in weaving mills	X	1 394 156
3133115	Broadwoven fabrics, manmade fiber and silk, finished in finishing mills	X	2 210 982
313XXDDAAA	Finished manmade fiber and silk broadwoven print cloth, made of 85 percent or more spun yarn	X	426 045
313210P111	Broadwoven fabrics, manmade fiber and silk, print cloth, 85 percent or more spun yarn, finished in weaving mills	X	384 540

See footnotes at end of table.

**Table 4. Products Primary to More Than One Industry - Quantity and Value of Shipments by Product Class: 2002—Con.**

[Product codes that include an "XX" are nonstandard codes used to present totals of products' primary relationships. These totals include data of more than one 7-digit product class or 10-digit product. The 7-digit codes presented in this table include all products of the product class regardless of whether they are primary to more than one industry. The portion primary to more than one industry may be determined from the 10-digit product codes. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text.]

Product code	Product	Product shipments	
		Quantity	Value (\$1,000)
313XXDD	Finished manmade fiber and silk broadwoven fabrics—Con.		
313XXDDAAA	Finished manmade fiber and silk broadwoven print cloth, made of 85 percent or more spun yarn—Con.		
3133115111	Broadwoven fabrics, manmade fiber and silk, print cloth, 85 percent or more spun yarn, finished in finishing mills	X	41 505
313XXDDBBB	Finished manmade fiber and silk broadwoven fabrics, plain weave (excluding print cloth), made of 85 percent or more spun yarn	X	848 887
313210P143	Broadwoven fabrics, manmade fiber and silk, plain weave (except print cloth), 85 percent or more spun yarn, finished in weaving mills	X	96 513
3133115251	Broadwoven fabrics, manmade fiber and silk, plain weave (except print cloth), 85 percent or more spun yarn, finished in finishing mills	X	752 374
313XXDDCCC	Finished manmade fiber and silk broadwoven fabrics, twill weave (excluding pile), made of 85 percent or more spun yarn	X	52 686
313210P151	Broadwoven fabrics, manmade fiber and silk, twill weave (except pile), 85 percent or more spun yarn, finished in weaving mills	X	36 191
3133115351	Broadwoven fabrics, manmade fiber and silk, twill weave (except pile), 85 percent or more spun yarn, finished in finishing mills	X	16 495
313XXDDEEE	Finished manmade fiber and silk broadwoven fabrics, other weaves, made of 85 percent or more spun yarn	X	401 503
313210P159	Broadwoven fabrics, manmade fiber and silk, other weaves, 85 percent or more spun yarn, finished in weaving mills	X	27 652
3133115911	Broadwoven fabrics, manmade fiber and silk, other weaves, 85 percent or more spun yarn, finished in finishing mills	X	373 851
313XXDDFFF	Finished manmade fiber and silk broadwoven pile fabrics (including velvets, plushes, and corduroys), made of 85 percent or more spun yarn	X	134 418
313210P181	Broadwoven fabrics, manmade fiber and silk, pile (including velvets, plushes, and corduroys), 85 percent or more spun yarn, finished in weaving mills	X	57 367
3133115681	Broadwoven fabrics, manmade fiber and silk, pile (including velvets, plushes, and corduroys), 85 percent or more spun yarn, finished in finishing mills	X	77 051
313XXDDGGG	Finished polyester broadwoven fabrics, made of 85 percent or more filament yarn	X	773 053
313210P1B1	Broadwoven fabrics, polyester, 85 percent or more filament yarn, finished in weaving mills	X	290 708
3133115791	Broadwoven fabrics, polyester, 85 percent or more filament yarn, finished in finishing mills	X	482 345
313XXDDHHH	Other finished manmade fiber and silk broadwoven fabrics, made of 85 percent or more filament yarn	X	557 234
313210P1D5	Broadwoven fabrics, other manmade fiber and silk, 85 percent or more filament yarn, finished in weaving mills	X	308 205
31331158A1	Broadwoven fabrics, manmade fiber and silk, other types, 85 percent or more filament yarn, finished in finishing mills	X	249 029
313XXDDJJJ	Other finished manmade fiber and silk broadwoven fabrics (including combinations of spun and filament yarns, blends with wool, silk, and blends with silk)	X	155 531
313210P1F1	Broadwoven fabrics, all other manmade fiber and silk (including combinations of spun and filament yarns, blends with wool, silk, and blends with silk), finished in weaving mills	X	97 901
31331158F1	Broadwoven fabrics, manmade fiber and silk, all other types (including combinations of spun and filament yarns, blends with wool, silk, and blends with silk), finished in finishing mills	X	57 630
315XXAA	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts)	X	1 536 360
3151917	Shirts, dress and sport (including polo, tank tops, sweat and t-shirts), knit, men's and boys', made in knitting mills	X	454 825
3152231	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	1 081 535
315XXAABBB	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts)	X	1 536 360
3151917200	Shirts, dress and sport (including polo, tank tops, sweat and t-shirts), knit, men's and boys', made in knitting mills	X	454 825
3152231100	Men's and boys' knit dress and sport shirts (including polo, tank tops, sweat and t-shirts), made from purchased fabrics	X	1 081 535
315XXBB	Men's and boys' knit underwear, nightwear, and robes (including thermal, undershirts, undershorts and briefs, and woven boxer shorts)	X	584 383
3151921	Underwear, nightwear, and robes, men's and boys', knit, made in knitting mills	X	338 232
3152210	Men's and boys' knit underwear, nightwear, and robes, made from purchased fabrics	X	246 151
315XXBBAAA	Men's and boys' knit underwear, nightwear, and robes (including thermal, undershirts, undershorts and briefs, and woven boxer shorts)	X	584 383
3151921100	Underwear, nightwear, and robes (including thermal, undershirts, undershorts and briefs, and woven boxer shorts), men's and boys', knit, made in knitting mills	X	338 232
3152210100	Men's and boys' knit underwear, nightwear, and robes (including thermal, undershirts, undershorts and briefs, and woven boxer shorts), made from purchased fabrics	X	246 151
315XXCC	Women's, girls', and infants' knit underwear and nightwear	X	2 487 346
3151924	Underwear and nightwear, women's, girls', and infants', knit, made in knitting mills	X	434 039
3152311	Women's and girls' underwear, except foundation garments, made from purchased fabrics	X	367 037
3152313	Women's and girls' nightwear, except robes, made from purchased fabrics	X	256 728
3152315	Women's and girls' brassieres, bra-lettes, and bandeaux, made from purchased fabrics	X	1 065 703
3152318	Women's and girls' corsets (except surgical), girdles, and combinations, made from purchased fabrics	X	56 450
3152319	Women's and girls' robes and dressing gowns, made from purchased fabrics	X	66 783
3152910	Infants' apparel, made from purchased fabrics	X	240 606
315XXCCAAA	Women's, girls', and infants' knit underwear, including foundation garments	X	1 744 516
3151924110	Underwear, including foundation garments, women's, girls', and infants', knit, made in knitting mills	X	241 961
3152311100	Women's and girls' underwear, including slips and teddies (except foundation garments), made from purchased fabrics	X	367 037
3152315100	Women's and girls' brassieres, bra-lettes, and bandeaux, made from purchased fabrics	X	1 065 703
3152318100	Women's and girls' corsets (except surgical), girdles, and combinations, made from purchased fabrics	X	56 450
3152910110	Infants' underwear, made from purchased fabrics	X	13 365
315XXCCBBB	Women's, girls', and infants' knit nightwear, including robes	X	572 200
3151924120	Nightwear, including robes, women's, girls', and infants', knit, made in knitting mills	X	192 078
3152313100	Women's and girls' nightwear, except robes, made from purchased fabrics	X	256 728
3152319100	Women's and girls' robes and dressing gowns, made from purchased fabrics	X	66 783

See footnotes at end of table.



**Table 4. Products Primary to More Than One Industry - Quantity and Value of Shipments by Product Class: 2002—Con.**

[Product codes that include an "X" are nonstandard codes used to present totals of products' primary relationships. These totals include data of more than one 7-digit product class or 10-digit product. The 7-digit codes presented in this table include all products of the product class regardless of whether they are primary to more than one industry. The portion primary to more than one industry may be determined from the 10-digit product codes. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Product shipments	
		Quantity	Value (\$1,000)
322XXBB	Sanitary tissue paper products—Con.		
322XXBBDDD	Toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more—Con.		
322121N31	Paper, toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more, made in paper mills	1,000 s tons . . . . .	S 3 544 136
3222915331	Toilet tissue, retail packages, rolls and ovals, facial tissue type, two-ply or more, made from purchased sanitary paper stock or wadding	1,000 s tons . . . . .	P185 738.0 373 511 D
322XXBBEEE	Toilet tissue, retail packages, rolls and ovals, regular type, single-ply		
322121N433	Paper, toilet tissue, retail packages, rolls and ovals, regular type, single-ply, made in paper mills	1,000 s tons . . . . .	S 803 473
3222915433	Toilet tissue, retail packages, rolls and ovals, regular type, single-ply, made from purchased sanitary paper stock or wadding	1,000 s tons . . . . .	D D 2 645 702
322XXBBFFF	Paper towels, industrial packages (rolled, folded, and interfolded)		
322121N661	Paper, towels, industrial packages (rolled, folded, and interfolded), made in paper mills	1,000 s tons . . . . .	S 2 223 767
3222915661	Paper towels, industrial packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding	1,000 s tons . . . . .	P265 258.0 421 935
322XXBBGGG	Paper towels, retail packages (rolled, folded, and interfolded)		
322121N701	Paper, towels, retail packages (rolled, folded, and interfolded), made in paper mills	1,000 s tons . . . . .	X 2 801 734
3222915701	Paper towels, retail packages (rolled, folded, and interfolded), made from purchased sanitary paper stock or wadding	1,000 s tons . . . . .	S 2 106 632
322XXBBHHH	Other sanitary paper products (including industrial packaged toilet tissue (all types), paper wipers (except nonwoven), absorbent pads, etc.)	1,000 s tons . . . . .	S 695 102
322121N901	Paper, sanitary tissue products, other types (toilet (industrial packaged, all types), paper wipers (except nonwoven), absorbent pads, etc.), made in paper mills	1,000 s tons . . . . .	X 2 219 574
3222915901	Other sanitary paper products (including industrial packaged toilet tissue (all types), paper wipers (except nonwoven), absorbent pads, etc.), made from purchased sanitary paper stock or wadding	1,000 s tons . . . . .	S 826 988
324XXAA	Petroleum lubricating oils and greases		X 7 758 070
324110G	Petroleum lubricating oils and greases, made in a refinery		X 1 332 180
3241910	Petroleum lubricating oils and greases, made from refined petroleum		X 6 425 890
324XXAABBB	Lubricating oils (including hydraulic fluids, quenching and cutting oils, transformer oils, liquid rust preventives, etc.)		X 6 327 735
324110G111	Lubricating oils (including hydraulic fluids, quenching and cutting oils, transformer oils, liquid rust preventives, etc.), made in a refinery	mil bbl . . . . .	Q23 820.0 1 226 922
3241910111	Lubricating oils (including hydraulic fluids, quenching and cutting oils, transformer oils, liquid rust preventives, etc.), made from refined petroleum	mil bbl . . . . .	S 5 100 813
324XXAAACC	Lubricating greases		X 849 259
324110G121	Lubricating greases, made in a refinery	mil bbl . . . . .	S 105 258
3241910121	Lubricating greases, made from refined petroleum	mil bbl . . . . .	S 744 001
324XXBB	Liquefied refinery gases (aliphatics)		X 14 711 543
324110P	Liquefied refinery gases (aliphatics), made in a refinery		X 6 548 475
3251104	Liquefied refinery gases (aliphatics), made in petrochemical plants		X 8 163 068
324XXBBAAA	Liquefied refinery gases (aliphatics), for use as a chemical raw material		X 11 642 667
324110P111	Liquefied refinery gases (aliphatics), for use as a chemical raw material, made in a refinery		X 3 757 270
3251104111	Liquefied refinery gases (aliphatics), for use as a chemical raw material, made in petrochemical plants		X 7 885 397
324XXBBCCC	Liquefied refinery gases (aliphatics), for other uses		X 3 068 876
324110P121	Liquefied refinery gases (aliphatics), for other uses, made in a refinery		X 2 791 205
3251104121	Liquefied refinery gases (aliphatics), for other uses, made in petrochemical plants		X 277 671
324XXDD	Other finished petroleum products, including waxes		X 9 006 808
324110T	Other finished petroleum products, including waxes, made in a refinery		X 7 695 467
3241992	All other petroleum and coal products (excluding coke oven products), made in coke oven establishments		X 1 311 341
324XXDDAAA	Microcrystalline petroleum waxes		X 296 297
324110T191	Microcrystalline petroleum waxes, made in a refinery	mil bbl . . . . .	1 158.0 81 741
3241992211	Microcrystalline petroleum waxes, made from refined petroleum	mil bbl . . . . .	S 214 556
324XXDDBBB	Crystalline petroleum waxes		X 500 732
324110T1A1	Fully refined crystalline petroleum waxes, made in a refinery	mil bbl . . . . .	Q1 861.0 140 562
324110T1B1	Other crystalline petroleum waxes, made in a refinery	mil bbl . . . . .	Q3 558.0 143 023
3241992221	Crystalline petroleum waxes, made from refined petroleum	mil bbl . . . . .	S 217 147
325XXAA	Mixed fertilizers		X 2 997 357
3253127	Mixed fertilizers, made in plants which manufacture fertilizer materials		X 219 998
3253140	Mixed fertilizers, mixing only		X 2 777 359
325XXAABBB	Mixed fertilizers, dry, shipped in packages, tablets, and similar forms, gross weight less than or equal to 22 lb (10 kg)		X 1 051 769
3253127111	Mixed fertilizers, dry, shipped in packages, tablets, and similar forms, gross weight less than or equal to 22 lb (10 kg), made in plants which manufacture fertilizer materials	1,000 s tons . . . . .	S 9 865
3253140111	Mixed fertilizers, dry, shipped in packages, tablets, and similar forms, gross weight less than or equal to 22 lb (10 kg), mixing only	1,000 s tons . . . . .	S 1 041 904
325XXAACCC	Mixed fertilizers, dry, shipped in bulk		X 486 611
3253127121	Mixed fertilizers, dry, shipped in bulk, made in plants which manufacture fertilizer materials	1,000 s tons . . . . .	S 120 069
3253140121	Mixed fertilizers, dry, shipped in bulk, mixing only	1,000 s tons . . . . .	S 366 542
325XXAADDD	Mixed fertilizers, dry, shipped in bags, gross weight of 22 lb (10 kg) or more		X 378 813
3253127131	Mixed fertilizers, dry, shipped in bags, gross weight of 22 lb (10 kg) or more, made in plants which manufacture fertilizer materials	1,000 s tons . . . . .	S 54 475
3253140131	Mixed fertilizers, dry, shipped in bags, gross weight of 22 lb (10 kg) or more, mixing only	1,000 s tons . . . . .	S 324 338
325XXAAEEE	Mixed fertilizers, liquid		X 314 428
3253127141	Mixed fertilizers, liquid, made in plants which manufacture fertilizer materials	1,000 s tons . . . . .	Q312 320.0 35 589
3253140241	Mixed fertilizers, liquid, mixing only	1,000 s tons . . . . .	S 278 839
327XXAA	Other glass products		X 7 165 341
3272114	Other glass products, made by flat glass producers		X 683 748
327215B	Other glass products, made from purchased glass		X 6 481 593
327XXAABBB	Tempered glass for construction, architectural, and automotive purposes		X 2 330 435
3272114121	Tempered glass for construction, architectural, and automotive purposes, made by flat glass producers		X 327 458
327215B111	Tempered glass for construction, architectural, and automotive purposes, made from purchased glass		X 2 002 977
327XXAACCC	Tempered glass for other uses (including appliances)		X D

See footnotes at end of table.

**Table 4. Products Primary to More Than One Industry - Quantity and Value of Shipments by Product Class: 2002—Con.**

[Product codes that include an "X" are nonstandard codes used to present totals of products' primary relationships. These totals include data of more than one 7-digit product class or 10-digit product. The 7-digit codes presented in this table include all products of the product class regardless of whether they are primary to more than one industry. The portion primary to more than one industry may be determined from the 10-digit product codes. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text.]

Product code	Product	Product shipments	
		Quantity	Value (\$1,000)
327XXAA	Other glass products—Con.		
327XXAACCC	Tempered glass for other uses (including appliances)—Con.		
3272114131	Tempered glass for other uses (including appliances), made by flat glass producers	X	D
327215B121	Tempered glass for other uses (including appliances), made from purchased glass	X	507 482
327XXAADD	Other glass products (including laminated, multi-glazed and sealed insulating glass units, bent, enameled, stained, leaded, faceted, and colored slabs)	X	3 721 141
3272114193	Other glass products (including laminated, multi-glazed and sealed insulating glass units, bent, enameled, stained, leaded, faceted, and colored slabs), made by flat glass producers	X	290 721
327215B393	Other glass products (including laminated, multi-glazed and sealed insulating glass units, bent, enameled, stained, leaded, faceted, and colored slabs), made from purchased glass	X	3 430 420
327XXBB	Machine-made pressed and blown table, kitchen, art, and novelty glassware	X	1 624 806
3272123	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers	X	970 555
3272151	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made from purchased glass	X	654 251
327XXBAAA	Machine-made pressed and blown table, kitchen, art, and novelty glassware	X	1 624 806
3272123100	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers	X	970 555
3272151100	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made from purchased glass	X	654 251
327XXCC	Machine-made pressed and blown glassware (excluding table, kitchen, art, and novelty)	X	2 884 545
3272125	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers	X	1 399 910
3272127	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers	X	629 964
3272153	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made from purchased glass	X	854 671
327XXCCAAA	Machine-made pressed and blown glassware (excluding table, kitchen, art, and novelty)	X	2 884 545
3272125100	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers	X	1 399 910
3272127100	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers	X	629 964
3272153100	All other machine-made pressed and blown glassware (including lighting, automotive, electronic, scientific, laboratory, industrial, and technical), made from purchased glass	X	854 671
327XXDD	Handmade pressed and blown glassware	X	253 462
3272129	Handmade pressed and blown glassware, made by glass producers	X	118 784
3272155	Handmade pressed and blown glassware, made from purchased glass	X	134 678
327XXDDAAA	Handmade pressed and blown glassware	X	253 462
3272129100	Handmade pressed and blown glassware, made by glass producers	X	118 784
3272155100	Handmade pressed and blown glassware, made from purchased glass	X	134 678
331XXAA	Coke oven and blast furnace products	X	1 489 347
3311111	Coke oven and blast furnace products, made in steel mills	X	947 986
3241991	Coke oven and blast furnace products, made in coke oven establishments	X	541 361
331XXAABB	Coke oven products, coke (excluding screenings and breeze)	X	1 202 952
3311111101	Coke oven products, coke (excluding screenings and breeze), made in steel mills	7 200 231.0	679 300
3241991111	Coke oven products, coke (excluding screenings and breeze), made in coke oven establishments	1,000 s tons .	523 652
331XXAACCC	Coke oven products, screenings and breeze	X	D
3311111103	Coke oven products, screenings and breeze, made in steel mills	1,000 s tons .	44 470
3241991121	Coke oven products, screenings and breeze, made in coke oven establishments	1,000 s tons .	D
331XXAADD	Coke oven products, crude tar	X	49 555
3311111105	Coke oven products, crude tar, made in steel mills	mil gal .	43 899
3241991131	Coke oven products, crude tar, made in coke oven establishments	mil gal .	5 656
331XXAAEEE	Coke oven products, crude light oil	X	D
3311111107	Coke oven products, crude light oil, made in steel mills	mil gal .	D
3241991141	Coke oven products, crude light oil, made in coke oven establishments	mil gal .	9 045
331XXAAFFF	Coke oven products, other (including tar derivatives, ammonia, light oil derivations, and coke oven gas)	X	D
3311111109	Coke oven products, other (including tar derivatives, ammonia, light oil derivations, and coke oven gas), made in steel mills	X	D
3241991151	Coke oven products, other (including tar derivatives, ammonia, light oil derivations, and coke oven gas), made in coke oven establishments	X	D
331XXBB	Steel wire, including galvanized and other coated wire	X	2 348 481
3311119	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars	X	591 422
3312225	Steel wire, including galvanized and other coated wire, made in plants that draw wire	X	1 757 059
331XXBBAAA	Steel wire, including galvanized and other coated wire	X	2 348 481
3311119100	Steel wire, including galvanized and other coated wire, made in steel mills producing wire rods or hot rolled bars	X	591 422
3312225100	Steel wire, including galvanized and other coated wire, made in plants that draw wire	X	1 757 059
331XXCC	Steel pipes and tubes	X	8 843 411
331111B	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate	X	1 885 144
3312100	Iron and steel pipes and tubes, made from purchased iron and steel	X	6 958 267
331XXCCAAA	Steel pipes and tubes	X	8 823 904
331111B100	Steel pipes and tubes, made in steel mills producing semifinished shapes or plate	X	1 885 144
3312100100	Iron and steel pipes and tubes, made from purchased iron and steel	X	6 938 760
331XXDD	Cold rolled steel sheet and strip	X	13 390 431
331111D	Cold rolled steel sheet and strip, made in steel mills producing hot rolled sheet or strip	X	9 376 406
3312211	Cold rolled steel sheet and strip, made from purchased steel	X	4 014 025
331XXDDAAA	Cold rolled steel sheet and strip	X	13 390 431
331111D100	Cold rolled steel sheet and strip, made in steel mills producing hot rolled sheet or strip	X	9 376 406
3312211100	Cold rolled steel sheet and strip, made from purchased steel	X	4 014 025
331XXEE	Cold finished steel bars and bar shapes	X	1 742 308

See footnotes at end of table.

**Table 4. Products Primary to More Than One Industry - Quantity and Value of Shipments by Product Class: 2002—Con.**

[Product codes that include an "X" are nonstandard codes used to present totals of products' primary relationships. These totals include data of more than one 7-digit product class or 10-digit product. The 7-digit codes presented in this table include all products of the product class regardless of whether they are primary to more than one industry. The portion primary to more than one industry may be determined from the 10-digit product codes. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text.]

Product code	Product	Product shipments	
		Quantity	Value (\$1,000)
331XXEE	Cold finished steel bars and bar shapes—Con.		
331111F	Cold finished steel bars and bar shapes, made in steel mills producing hot rolled bars and bar shapes	X	629 132
3312213	Cold finished steel bars and bar shapes, made from purchased steel	X	1 113 176
331XXEEAAA	Cold finished steel bars and bar shapes	X	1 742 308
331111F100	Cold finished steel bars and bar shapes, made in steel mills producing hot rolled bars and bar shapes	X	629 132
3312213100	Cold finished steel bars and bar shapes, made from purchased steel	X	1 113 176
331XXFF	Seamless rolled ring forgings, ferrous	X	373 229
331111H	Seamless rolled ring forgings, ferrous, made in steel mills	X	75 703
3321115	Seamless rolled ring forgings, ferrous, made from purchased iron and steel	X	297 526
331XXFFAAA	Seamless carbon steel and alloy steel rolled ring forgings (excluding stainless and hi-temperature)	X	238 952
331111H101	Seamless carbon steel and alloy steel rolled ring forgings (excluding stainless and hi-temperature), made in steel mills	X	58 719
3321115101	Seamless carbon steel and alloy steel rolled ring forgings (excluding stainless and hi-temperature), made from purchased iron and steel	X	180 233
331XXFFBBB	Seamless stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) rolled ring forgings	X	134 277
331111H203	Seamless stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) rolled ring forgings, made in steel mills	X	16 984
3321115106	Seamless stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) rolled ring forgings, made from purchased iron and steel	X	117 293
331XXGG	Open die and smith forgings (hammer and press), ferrous	X	710 869
331111J	Open die and smith forgings (hammer and press), ferrous, made in steel mills	X	182 850
3321117	Open die and smith forgings (hammer and press), ferrous, made from purchased iron and steel	X	528 019
331XXGGAAA	Carbon and alloy steel open die and smith forgings (hammer and press), excluding stainless and hi-temperature	X	560 010
331111J101	Carbon and alloy steel open die and smith forgings (hammer and press), excluding stainless and hi-temperature, made in steel mills	X	148 711
3321117101	Carbon and alloy steel open die and smith forgings (hammer and press), excluding stainless and hi-temperature, made from purchased iron and steel	X	411 299
331XXGGBBB	Stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) open die and smith forgings (hammer and press)	X	150 859
331111J203	Stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) open die and smith forgings (hammer and press), made in steel mills	X	34 139
3321117106	Stainless steel and hi-temperature (iron, nickel, or cobalt-base alloy) open die and smith forgings (hammer and press), made from purchased iron and steel	X	116 720
331XXHH	Noninsulated ferrous wire rope, cable, forms, and strand	X	1 403 395
3312221	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made in plants that draw wire	X	868 100
3326181	Noninsulated ferrous wire rope, cable, forms, and strand, made from purchased wire	X	535 295
331XXHHAAA	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings)	X	723 172
3312221101	Noninsulated ferrous wire forms and strand (including strand for prestressed concrete, composite wire strand (except ACSR), and guard rail cable), made in plants that draw wire	X	443 425
3326181102	Noninsulated ferrous wire rope, cable, and fabricated wire rope assemblies (including lifting slings), made from purchased wire	X	279 747
331XXHHBBB	Noninsulated ferrous wire forms and strand (including strand for prestressed concrete, composite wire strand (except ACSR), and guard rail cable)	X	661 203
3312221201	Noninsulated ferrous wire forms and strand, made in plants that draw wire	X	424 191
3326181106	Noninsulated ferrous wire forms and strand (including strand for prestressed concrete, composite wire strand (except ACSR), and guard rail cable), made from purchased wire	X	237 012
331XXJJ	Steel nails, staples, tacks, spikes, and brads	X	640 635
3312223	Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire	X	266 261
3326189	Steel nails, staples, tacks, spikes, and brads, made from purchased wire	X	374 374
331XXJJAAA	Steel nails, staples, tacks, spikes, and brads	X	640 635
3312223100	Steel nails, staples, tacks, spikes, and brads, made in plants that draw wire	X	266 261
3326189100	Steel nails, staples, tacks, spikes, and brads, made from purchased wire	X	374 374
331XXKK	Steel fencing and fence gates	X	527 376
3312227	Steel fencing and fence gates, made in plants that draw wire	X	299 653
3326187	Steel fencing and fence gates, made from purchased wire	X	227 723
331XXKKAAA	Steel fencing and fence gates	X	527 376
3312227100	Steel fencing and fence gates, made in plants that draw wire	X	299 653
3326187100	Steel fencing and fence gates, made from purchased wire	X	227 723
331XXMM	Ferrous wire cloth and other ferrous woven wire products	X	217 421
3312229	Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire	X	62 598
3326183	Ferrous wire cloth and other ferrous woven wire products, made from purchased wire	X	154 823
331XXMMAAA	Ferrous wire cloth and other ferrous woven wire products	X	217 421
3312229100	Ferrous wire cloth and other ferrous woven wire products, made in plants that draw wire	X	62 598
3326183100	Ferrous wire cloth and other ferrous woven wire products, made from purchased wire	X	154 823
331XXNN	Other ferrous wire products (excluding springs)	X	3 335 867
331222B	Other ferrous wire products (excluding springs), made in plants that draw wire	X	680 911
332618B	Other ferrous wire products (excluding springs), made from purchased wire	X	2 654 956
331XXNNAAA	Other ferrous wire products (excluding springs)	X	3 335 867
331222B100	Other ferrous wire products (excluding springs), made in plants that draw wire	X	680 911
332618B500	Other ferrous wire products (excluding springs), made from purchased wire	X	2 654 956
331XXPP	Aluminum ingot, including billet	X	7 942 859
3313120	Aluminum ingot, including billet, made in primary aluminum reduction plants	X	4 685 751
3313142	Aluminum ingot, including billet, made by secondary smelters	X	2 952 464
331319D	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	X	304 644
331XXPPAAA	Aluminum ingot, including billet	X	7 942 859
3313120100	Aluminum ingot, including billet, made in primary aluminum reduction plants	X	4 685 751
3313142100	Aluminum ingot, including billet, made by secondary smelters	S	2 952 464
331319D100	Aluminum ingot, including billet, made in aluminum rolling mills and plants that draw wire from purchased or recovered aluminum	S	304 644

See footnotes at end of table.

**Table 4. Products Primary to More Than One Industry - Quantity and Value of Shipments by Product Class: 2002—Con.**

[Product codes that include an "XX" are nonstandard codes used to present totals of products' primary relationships. These totals include data of more than one 7-digit product class or 10-digit product. The 7-digit codes presented in this table include all products of the product class regardless of whether they are primary to more than one industry. The portion primary to more than one industry may be determined from the 10-digit product codes. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Product shipments	
		Quantity	Value (\$1,000)
331XXQQ	Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic)	X	2 175 623
331319E	Aluminum insulated wire and cable	X	476 064
3314224	Copper wire and cable, including apparatus wire, cord, and flexible cord sets, made in copper wire drawing plants	X	1 257 062
331491F	Apparatus wire and cord and flexible cord sets (except aluminum, copper, wiring harnesses and fiber optic), made in plants that draw wire	X	62 144
335999B	Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made from purchased insulated wire	X	380 353
331XXQAAA	Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic)	X	1 087 261
331319E101	Aluminum apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made in plants that draw wire	X	207 081
3314224218	Copper apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made in plants that draw wire	X	437 683
331491F100	Apparatus wire and cord and flexible cord sets (except aluminum, copper, wiring harnesses and fiber optic), made in plants that draw wire	X	62 144
335999B100	Apparatus wire and cord and flexible cord sets (except wiring harnesses and fiber optic), made from purchased insulated wire	X	380 353
331XXRR	Smelting and refining of copper	X	2 831 159
3314110	Primary smelting and refining of copper	X	2 205 347
3314230	Secondary smelting, refining, and alloying of copper	X	625 812
331XXRRAAA	Other refined copper and copper-base alloy (including cathode, wire bar, ingot and ingot bar, cakes, slabs, shot, etc.)	X	D
3314110113	Other refined primary copper and copper-base alloy (including cathode, wire bar, ingot and ingot bar, cakes, slabs, shot, etc.)	1,000 s tons .	D
3314230501	Other refined secondary copper and copper-base alloy (including cathode, wire bar, ingot and ingot bar, cakes, slabs, shot, etc.)	1,000 s tons .	S
331XXTT	Smelting and refining of zinc	X	416 030
3314193	Primary smelting and refining of zinc	X	246 553
3314927	Secondary smelting, refining, and alloying of zinc	X	169 477
331XXTTAAA	Refined unalloyed zinc, including all ASTM specification zinc	X	D
3314193101	Refined primary unalloyed zinc, including all ASTM specification zinc	X	154 810
3314927101	Refined secondary unalloyed zinc, including all ASTM specification zinc	X	D
331XXTTBBB	Refined zinc-base alloy	X	D
3314193111	Refined primary zinc-base alloys	1,000 s tons .	S
3314927206	Refined secondary zinc-base alloys	1,000 s tons .	D
331XXYY	Precious metals and precious metal alloys	X	924 083
3314197	Primary precious metals and precious metal alloys	X	646 552
3314929	Secondary precious metals and precious metal alloys	X	277 531
331XXYYAAA	Gold and gold alloys	X	490 632
3314197101	Primary gold and gold alloys	1,000 troy ounces .	q1 248 371.0
3314929101	Secondary gold and gold alloys	X	338 853
331XXYYBBB	Silver and silver alloys	X	151 779
3314197206	Primary silver and silver alloys	1,000 troy ounces .	p38 194 001.0
3314929206	Secondary silver and silver alloys	X	19 189
331XXYYCCC	Platinum and platinum alloys, including platinum-group metals	X	175 113
3314197311	Primary platinum and platinum alloys, including platinum-group metals	1,000 troy ounces .	S
3314929211	Secondary platinum and platinum alloys, including platinum-group metals	X	64 575
331XXZZ	All other miscellaneous nonferrous metals	X	2 320 043
331419A	All other miscellaneous primary nonferrous metals	X	1 519 949
331492B	All other miscellaneous secondary nonferrous metals	X	800 094
331XXZZAAA	All other miscellaneous nonferrous metals	X	2 116 869
331419A101	Primary lead and lead-base alloys	X	264 748
331419A103	Primary magnesium and magnesium-base alloys	1,000 s tons .	S
331419A121	Primary unalloyed silicon	X	333 258
331419A131	Other primary refined nonferrous metals and alloys (including nickel, tin, cadmium, antimony, cobalt, molybdenum, titanium sponge, etc.)	X	674 437
331492B101	Secondary unalloyed lead (pig, ingots, shot, etc.)	X	300 876
331492B208	Secondary lead- and tin-base alloy antimonial lead and babbitt metal	X	110 224
331492B216	Secondary lead- and tin-base alloy solder	X	22 718
331492B221	Other secondary lead- and tin-base alloys, including type metal	X	34 769
331492B301	Secondary nonferrous superalloys (superior heat and creep resistant alloys)	X	D
331492B313	Other secondary refined nonferrous metals and alloys (including nickel, tin, cadmium, antimony, cobalt, molybdenum, titanium sponge, etc.)	X	D

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.