

Other Metal Container Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
332439, Other metal container manufacturing	2002.. 371	412	18 018	613 216	14 138	29 584	417 406	1 454 382	1 654 772	3 111 185	62 841
	2001.. N	N	14 045	449 982	10 947	22 125	291 356	958 696	1 148 501	2 112 315	49 130
	2000.. N	N	15 562	501 518	12 121	24 653	325 410	1 094 084	1 293 752	2 384 625	52 554
	1999.. N	N	16 648	527 811	12 690	25 045	335 251	1 096 165	1 426 363	2 525 320	82 514
	1998.. N	N	15 780	499 822	12 103	26 085	323 005	1 155 472	1 397 173	2 571 234	83 481
	1997.. 455	492	14 568	430 380	11 372	22 924	280 678	960 722	1 252 689	2 212 915	58 542

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

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 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 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
332439, Other metal container manufacturing												
United States	1	412	172	18 018	613 216	14 138	29 584	417 406	1 454 382	1 654 772	3 111 185	'62 841
Alabama	—	6	3	143	4 479	114	239	3 026	6 959	5 675	12 109	'862
California	3	41	17	1 125	39 301	897	1 804	27 810	85 236	83 491	169 470	'2 075
Florida	2	11	3	408	10 825	308	690	7 022	23 467	36 674	61 393	'452
Illinois	—	31	17	3 667	121 813	2 837	6 425	82 910	307 010	340 694	636 560	'13 709
Indiana	1	18	9	640	24 435	411	838	12 274	47 154	61 929	110 077	'3 717
Kansas	—	5	3	105	2 373	84	144	1 736	7 509	7 413	14 860	'116
Maryland	1	6	2	149	5 470	122	275	3 816	14 753	10 633	25 030	'41
Michigan	1	19	8	621	23 824	433	968	14 224	60 637	67 762	131 208	'1 875
Missouri	—	12	6	827	27 312	671	1 270	20 569	77 765	71 453	149 179	'1 984
New Jersey	3	11	4	345	12 048	297	620	9 584	30 883	41 140	72 040	'1 116
New York	3	13	4	322	12 224	262	562	8 337	25 983	28 854	54 846	'2 066
North Carolina	1	10	4	248	9 245	207	295	6 939	21 224	33 393	54 676	'479
Ohio	2	41	21	1 707	63 343	1 318	2 803	40 233	133 252	153 935	287 550	'2 626
Pennsylvania	2	23	13	1 119	40 333	879	1 844	25 969	88 668	143 641	231 902	'4 631
Tennessee	7	8	5	807	27 751	594	1 208	18 055	33 321	56 038	99 664	'1 228
Texas	—	25	11	1 223	40 176	946	2 032	27 088	86 438	125 219	210 166	'13 164
Washington	4	7	2	169	6 821	122	267	4 095	14 265	14 880	29 202	'559
Wisconsin	3	12	2	147	4 964	125	270	3 446	11 140	6 729	17 909	'159

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

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. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). 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]

Item	Value
332439, Other metal container manufacturing	
Companies ¹	number.. 371
All establishments ²	number.. 412
Establishments with 1 to 19 employees	number.. 240
Establishments with 20 to 99 employees	number.. 130
Establishments with 100 employees or more	number.. 42
All employees ³	number.. 18 018
Total compensation	\$1,000.. 751 553
Annual payroll	\$1,000.. 613 216
Total fringe benefits	\$1,000.. 138 337
Production workers, average for year	number.. 14 138
Production workers on March 12	number.. 14 312
Production workers on May 12	number.. 14 634
Production workers on August 12	number.. 14 134
Production workers on November 12	number.. 13 447
Production worker hours	1,000.. 29 584
Production worker wages	\$1,000.. 417 406
Total cost of materials	\$1,000.. 1 654 772
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 456 517
Resales	\$1,000.. 127 573
Purchased fuels	\$1,000.. 21 852
Purchased electricity	\$1,000.. 28 588
Contract work	\$1,000.. 20 242
Quantity of electricity purchased for heat and power	1,000 kWh.. 449 623
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 3 111 185
Primary products value of shipments	\$1,000.. 2 674 104
Secondary products value of shipments	\$1,000.. 253 322
Total miscellaneous receipts	\$1,000.. 183 759
Value of resales	\$1,000.. 144 238
Contract receipts	\$1,000.. 16 323
Other miscellaneous receipts	\$1,000.. 23 198
Primary products specialization ratio	percent.. 91
Value of primary products shipments made in all industries	\$1,000.. 2 814 458
Value of primary products shipments made in this industry	\$1,000.. 2 674 104
Value of primary products shipments made in other industries	\$1,000.. 140 354
Coverage ratio	percent.. 95
Value added	\$1,000.. 1 454 382
Total inventories, beginning of year	\$1,000.. 377 091
Finished goods inventories	\$1,000.. 119 814
Work-in-process inventories	\$1,000.. 76 686
Materials and supplies inventories	\$1,000.. 180 591
Total inventories, end of year	\$1,000.. 383 241
Finished goods inventories	\$1,000.. 119 395
Work-in-process inventories	\$1,000.. 75 074
Materials and supplies inventories	\$1,000.. 188 772
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. ¹ 235 425
Total capital expenditures (new and used)	\$1,000.. ⁶² 841
Buildings and other structures (new and used)	\$1,000.. ⁷ 941
Machinery and equipment (new and used)	\$1,000.. ⁵⁴ 900
Automobiles, trucks, etc., for highway use	\$1,000.. ⁴ 794
Computers and peripheral data processing equipment	\$1,000.. ² 603
All other expenditures for machinery and equipment	\$1,000.. ⁴⁷ 503
Total retirements	\$1,000.. ⁷⁶ 598
Gross value of depreciable assets at end of year	\$1,000.. ¹ 221 668
Depreciation charges during year	\$1,000.. ⁷⁶ 355
Total rental payments	\$1,000.. 36 561
Buildings and other structures	\$1,000.. 22 078
Machinery and equipment	\$1,000.. 14 483
Total other expenses ⁴	\$1,000.. 290 349
Response coverage ratio ⁵	percent.. 92
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 27 506
Communications services ⁴	\$1,000.. 5 580
Legal services ⁴	\$1,000.. 4 257
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 3 393
Advertising and promotional services ⁴	\$1,000.. 11 352
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 2 650
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 4 693
Management consulting and administrative services ⁴	\$1,000.. 9 597
Taxes and license fees ⁴	\$1,000.. 10 661
All other expenses ⁴	\$1,000.. 210 659

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: 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 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. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
332439, Other metal container manufacturing											
All establishments	1	412	18 018	613 216	14 138	29 584	417 406	1 454 382	1 654 772	3 111 185	'62 841
Establishments with—											
1 to 4 employees	9	138	e	D	D	D	D	D	D	D	D
5 to 9 employees	6	45	317	10 892	258	524	7 988	24 884	28 655	53 914	'986
10 to 19 employees	4	57	812	29 693	617	1 253	18 668	65 536	67 676	134 013	'4 823
20 to 49 employees	2	72	2 337	77 132	1 870	3 811	50 919	165 823	162 430	328 957	'6 602
50 to 99 employees	2	58	4 078	149 002	3 190	6 845	99 830	350 056	444 976	794 182	'13 147
100 to 249 employees	—	30	4 853	156 650	3 743	7 730	105 760	350 406	457 726	801 597	'19 504
250 to 499 employees	1	9	2 861	98 015	2 157	4 425	61 351	234 157	253 557	500 059	9 645
500 to 999 employees	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	1	g	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	129	659	23 895	549	1 172	16 843	55 125	75 831	130 948	'1 738

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

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 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
332439	Other metal container manufacturing . .	412	18 018	613 216	14 138	29 584	417 406	1 454 382	1 654 772	3 111 185	'62 841
3324391	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes	55	4 173	150 424	3 243	6 499	97 704	343 950	406 520	753 415	'18 876
3324393	Steel shipping barrels and drums (excluding beer barrels) (more than 12 gallon capacity)	49	2 923	101 089	2 375	5 158	72 154	273 146	362 757	633 433	'15 469
3324396	All other metal container manufacturing	75	8 573	280 508	6 623	13 965	192 232	670 590	672 143	1 343 409	'22 815

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

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 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. 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	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	2002.. N 1997.. N	X X	X X	2 814 458 2 216 060
3324391	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes	2002.. N 1997.. N	X X	X X	774 287 530 119
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	384 615 234 756
3324391306	Metal boxes for packaging and shipping	2002.. 25 1997.. 31	X X	X X	142 824 105 146
3324391311	Metal boxes other than for shipping (ammunition boxes, jewelry cases, etc.)	2002.. 40 1997.. 39	X X	X X	241 791 129 610
3324391Y	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes, nsk	2002.. N 1997.. N	X X	X X	36 661 -
3324391YVW	Steel pails (1 to 12 gallon capacity) and fabricated steel boxes, nsk	2002.. N 1997.. N	X X	X X	36 661 -
3324393	Steel shipping barrels and drums (excluding beer barrels) (more than 12 gallon capacity)	2002.. N 1997.. N	X X	X X	596 772 764 495
33243931	Steel shipping barrels and drums (excluding beer barrels) (more than 12 gallon capacity)	2002.. N 1997.. N	X X	X X	596 772 764 495
3324393100	Steel shipping barrels and drums (excluding beer barrels) (more than 12 gallon capacity)	2002.. 30 1997.. 39	X X	X X	596 772 764 495
3324396	All other metal container manufacturing	2002.. N 1997.. N	X X	X X	1 107 035 N
33243961	Metal barrels, vacuum and insulated bottles, grain bins and vats, and other barrels	2002.. N 1997.. N	X X	X X	555 191 N
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 1997.. N	X X	X X	279 073 N
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 1997.. N	X X	X X	52 802 N
3324396198	All other metal barrels and containers (including beer barrels, air cargo containers, and parts for metal barrels and pails)	2002.. 42 1997.. N	X X	X X	223 316 N
33243962	Stamped and pressed metal end products (excluding spinning products and metal electric enclosures)	2002.. N 1997.. N	X X	X X	551 844 N
3324396201	Stamped and pressed galvanized steel pails, ash cans, garbage cans, tubs, etc. (excluding shipping containers)	2002.. 16 1997.. N	X X	X X	28 235 N
3324396202	Other stamped and pressed metal pails, ash cans, garbage cans, tubs, etc. (including other grades of steel) (excluding shipping containers)	2002.. 7 1997.. N	X X	X X	5 662 N
3324396203	Stamped and pressed metal mailboxes (commercial and multiple unit residential)	2002.. 5 1997.. N	X X	X X	47 361 N
3324396204	Stamped and pressed metal toolboxes	2002.. 20 1997.. N	X X	X X	470 586 N
3324396Y	All other metal container manufacturing, nsk	2002.. N 1997.. N	X X	X X	- -
3324396YVW	All other metal container manufacturing, nsk	2002.. N 1997.. N	X X	X X	- N
332439W	Other metal container manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	336 364 439 209
332439WY	Other metal container manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	336 364 439 209
332439WYVW	Other metal container manufacturing, nsk, for nonadministrative record establishments	2002.. N 1997.. N	X X	X X	210 872 327 826
332439WYVY	Other metal container manufacturing, nsk, for administrative record establishments	2002.. N 1997.. N	X X	X X	125 492 111 383

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 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS 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		
	United States	2002.. 774 287 1997.. 530 119	
	California	2002.. 51 618 1997.. 63 930	
	Illinois	2002.. 131 086 1997.. 60 226	
	Indiana	2002.. 2 519 1997.. N	
	Michigan	2002.. 32 528 1997.. 19 336	
	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.. 596 772 1997.. 764 495
		California	2002.. 57 887 1997.. 52 219
		Illinois	2002.. 110 137 1997.. 117 903
		North Carolina	2002.. 45 076 1997.. 41 346
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.. 1 107 035 1997.. N
		Alabama	2002.. 4 063 1997.. N
		California	2002.. 26 904 1997.. N
		Illinois	2002.. 252 314 1997.. N
		Indiana	2002.. 86 593 1997.. N
	New York	2002.. 23 286 1997.. N	
	Ohio	2002.. 88 324 1997.. N	
	Pennsylvania	2002.. 27 337 1997.. N	
	Texas	2002.. 37 505 1997.. N	
	Wisconsin	2002.. 5 226 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. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. 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]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
332439	Other metal container manufacturing		
0090001	Total materials	X	1 456 517
	.....2002..	X	1 116 556
	.....1997..	X	
33243105	Lids, ends, and parts for metal cans	X	108 546
	.....2002..	X	49 563
	.....1997..	X	
33200035	All other fabricated metal products (excluding castings and forgings)	X	47 698
	.....2002..	X	66 653
	.....1997..	X	
33210000	Forgings	X	D
	.....2002..	X	N
	.....1997..	X	
33120073	Steel sheet, strip, and tin mill products	X	336 653
	.....2002..	X	371 968
	.....1997..	X	
33120007	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products)	X	6 242
	.....2002..	X	N
	.....1997..	X	
33120099	All other steel shapes and forms (excluding castings, forgings, fabricated metal products, bars, bar shapes, plate, sheet, strip, and tin mill products)	X	97 333
	.....2002..	X	87 250
	.....1997..	X	
33131500	Aluminum and aluminum-base alloy sheet, plate, foil, and welded tubing	X	61 160
	.....2002..	X	N
	.....1997..	X	
33100050	Other aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, sheet, plate, foil, welded tubing, and fabricated metal products)	X	59 955
	.....2002..	X	N
	.....1997..	X	
33100077	Other nonferrous shapes and forms (excluding castings, forgings, and fabricated metal products)	X	D
	.....2002..	X	N
	.....1997..	X	
32551002	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied product	X	82 559
	.....2002..	X	N
	.....1997..	X	
32552001	Adhesives and sealants	X	2 706
	.....2002..	X	1 957
	.....1997..	X	
32591002	Printing inks	X	4 809
	.....2002..	X	N
	.....1997..	X	
32500049	All other chemicals and allied products	X	2 686
	.....2002..	X	6 709
	.....1997..	X	
32221001	Paperboard containers, boxes, and corrugated paperboard	X	41 436
	.....2002..	X	23 676
	.....1997..	X	
00970099	All other materials and components, parts, containers, and supplies	X	360 084
	.....2002..	X	256 802
	.....1997..	X	
00971000	Materials, ingredients, containers, and supplies, nsk	X	201 994
	.....2002..	X	251 978
	.....1997..	X	

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.