

Measuring and Dispensing Pump Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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CONTENTS

Introduction to the Economic Census	v
Manufacturing	ix
Tables	
1. Historical Statistics for the Industry: 2002 and Earlier Years ...	1
2. Industry Statistics for Selected States: 2002	--
3. Detailed Statistics by Industry: 2002	3
4. Industry Statistics by Employment Size: 2002.....	4
5. Industry Statistics by Primary Product Class Specialization: 2002	5
6a. Products Statistics: 2002 and 1997	6
6b. Product Class Shipments for Selected States: 2002 and 1997 .	--
7. Materials Consumed by Kind: 2002 and 1997.....	8
Appendixes	
A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997.....	F-1

-- 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)					
333913, Measuring and dispensing pump manufacturing	2002..	29	33	4 048	176 690	2 167	4 121	69 590	476 345	463 561	952 284	14 051
	2001..	N	N	5 769	239 481	3 321	6 140	101 814	552 710	592 579	1 152 105	30 469
	2000..	N	N	6 074	232 833	3 601	6 506	107 085	639 125	657 586	1 304 118	26 657
	1999..	N	N	6 846	265 183	4 211	7 814	126 092	660 197	800 549	1 448 314	40 133
	1998..	N	N	6 452	252 342	4 063	7 830	120 462	694 572	693 198	1 398 919	29 243
	1997..	63	69	6 661	244 048	4 241	7 827	118 634	589 851	702 202	1 297 042	32 368

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

[Not applicable for this report]

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
333913, Measuring and dispensing pump manufacturing	
Companies ¹	number.. 29
All establishments ²	number.. 33
Establishments with 1 to 19 employees	number.. 10
Establishments with 20 to 99 employees	number.. 12
Establishments with 100 employees or more	number.. 11
All employees ³	number.. 4 048
Total compensation	\$1,000.. 221 106
Annual payroll	\$1,000.. 176 690
Total fringe benefits	\$1,000.. 44 416
Production workers, average for year	number.. 2 167
Production workers on March 12	number.. 2 175
Production workers on May 12	number.. 2 189
Production workers on August 12	number.. 2 151
Production workers on November 12	number.. 2 151
Production worker hours	1,000.. 4 121
Production worker wages	\$1,000.. 69 590
Total cost of materials	\$1,000.. 463 561
Materials, parts, containers, packaging, etc., used	\$1,000.. 427 307
Resales	\$1,000.. 22 793
Purchased fuels	\$1,000.. 874
Purchased electricity	\$1,000.. 4 974
Contract work	\$1,000.. 7 613
Quantity of electricity purchased for heat and power	1,000 kWh.. 81 271
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 952 284
Primary products value of shipments	\$1,000.. 811 041
Secondary products value of shipments	\$1,000.. 102 902
Total miscellaneous receipts	\$1,000.. 38 341
Value of resales	\$1,000.. D
Contract receipts	\$1,000.. -
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 89
Value of primary products shipments made in all industries	\$1,000.. 867 814
Value of primary products shipments made in this industry	\$1,000.. 811 041
Value of primary products shipments made in other industries	\$1,000.. 56 773
Coverage ratio	percent.. 93
Value added	\$1,000.. 476 345
Total inventories, beginning of year	\$1,000.. 138 329
Finished goods inventories	\$1,000.. 45 909
Work-in-process inventories	\$1,000.. 34 169
Materials and supplies inventories	\$1,000.. 58 251
Total inventories, end of year	\$1,000.. 127 728
Finished goods inventories	\$1,000.. 41 923
Work-in-process inventories	\$1,000.. 25 777
Materials and supplies inventories	\$1,000.. 60 028
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 343 690
Total capital expenditures (new and used)	\$1,000.. 14 051
Buildings and other structures (new and used)	\$1,000.. 4 568
Machinery and equipment (new and used)	\$1,000.. 9 483
Automobiles, trucks, etc., for highway use	\$1,000.. 1904
Computers and peripheral data processing equipment	\$1,000.. 12 487
All other expenditures for machinery and equipment	\$1,000.. 6 092
Total retirements	\$1,000.. 23 458
Gross value of depreciable assets at end of year	\$1,000.. 334 283
Depreciation charges during year	\$1,000.. 18 181
Total rental payments	\$1,000.. 7 845
Buildings and other structures	\$1,000.. 4 181
Machinery and equipment	\$1,000.. 3 664
Total other expenses ⁴	\$1,000.. 23 342
Response coverage ratio ⁵	percent.. 43
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 1 937
Communications services ⁴	\$1,000.. 1 607
Legal services ⁴	\$1,000.. 1 361
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 408
Advertising and promotional services ⁴	\$1,000.. 4 695
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 791
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 134
Management consulting and administrative services ⁴	\$1,000.. 1 575
Taxes and license fees ⁴	\$1,000.. 847
All other expenses ⁴	\$1,000.. 10 159

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 2002 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)				
333913, Measuring and dispensing pump manufacturing											
All establishments	—	33	4 048	176 690	2 167	4 121	69 590	476 345	463 561	952 284	'14 051
Establishments with—											
1 to 4 employees	5	6	14	438	8	12	201	1 001	873	1 875	'31
5 to 9 employees	9	2	a	D	D	D	D	D	D	D	D
10 to 19 employees	7	2	b	D	D	D	D	D	D	D	D
20 to 49 employees	—	7	224	8 615	93	202	2 577	4 240	13 988	27 168	'78
50 to 99 employees	3	5	293	10 573	176	325	4 586	32 349	27 452	60 406	'584
100 to 249 employees	—	6	926	34 265	610	1 023	16 095	100 788	75 603	176 024	'4 386
250 to 499 employees	—	3	f	D	D	D	D	D	D	D	D
500 to 999 employees	—	1	f	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	8	9	39	1 390	23	38	565	3 644	3 506	7 151	'116

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)				
333913	Measuring and dispensing pump manufacturing	33	4 048	176 690	2 167	4 121	69 590	476 345	463 561	952 284	14 051
3339130	Measuring and dispensing pumps ..	33	4 048	176 690	2 167	4 121	69 590	476 345	463 561	952 284	14 051

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)
333913	Measuring and dispensing pump manufacturing	2002.. N 1997.. N	X X	X X	867 814 1 161 809
3339130	Measuring and dispensing pumps	2002.. N 1997.. N	X X	X X	867 814 1 161 809
33391301	Single unit gasoline dispensing pumps, computing type (filling station type), except parts and attachments	2002.. N 1997.. N	X X	X X	127 311 95 491
3339130113	Single unit gasoline dispensing pumps, computing type (filling station type), with suction pumping unit, except parts and attachments	2002.. 10 1997.. 10	X X	X X	104 784 84 405
3339130114	Single unit gasoline dispensing pumps, computing type (filling station type), without suction pumping unit, except parts and attachments	2002.. 4 1997.. 5	X X	X X	22 527 11 086
33391302	Multiple unit gasoline dispensing pumps, computing type (filling station type), except parts and attachments	2002.. N 1997.. N	X X	X X	D 435 846
3339130223	Multiple unit gasoline dispensing pumps, computing type (filling station type), with suction pumping unit, except parts and attachments	2002.. 5 1997.. 5	X X	X X	D D
3339130224	Multiple unit gasoline dispensing pumps, computing type (filling station type), without suction pumping unit, except parts and attachments	2002.. 2 1997.. 3	X X	X X	D 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 1997.. N	X X	X X	D 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 1997.. 21	X X	X X	274 295 161 825
3339130391	Parts and attachments for measuring and dispensing pumps	2002.. 15 1997.. 28	X X	X X	D 435 787
3339130Y	Measuring and dispensing pumps, nsk, total	2002.. N 1997.. N	X X	X X	4 187 32 860
3339130YWW	Measuring and dispensing pumps, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	3 904 6 813
3339130YWY	Measuring and dispensing pumps, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	283 26 047

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**

[Not applicable for this report.]

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)
333913	Measuring and dispensing pump manufacturing		
0090001	Total materials	2002.. X	427 307
		1997.. X	669 622
33399601	Fluid power pumps, motors, and hydrostatic transmissions (hydraulic and pneumatic)	2002.. X	D
		1997.. X	D
33291211	Fluid power valves, hose and tube fittings and assemblies	2002.. X	2 960
		1997.. X	10 899
00190089	Other fluid power products, hydraulic and pneumatic	2002.. X	D
		1997.. X	N
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products	2002.. X	9 156
		1997.. X	16 477
33291901	Metal pipe, valves, and pipe fittings (excluding forgings)	2002.. X	D
		1997.. X	5 398
33200099	Fabricated structural metal products (excluding forgings)	2002.. X	3 667
		1997.. X	11 090
33200051	Other fabricated metal products (excluding fluid power products and forgings)	2002.. X	D
		1997.. X	D
33211101	Iron and steel forgings	2002.. X	D
		1997.. X	489
33211201	Nonferrous forgings	2002.. X	D
		1997.. X	D
33151001	Iron and steel castings (rough and semifinished)	2002.. X	8 492
		1997.. X	24 701
33152005	Aluminum and aluminum-base alloy castings (rough and semifinished)	2002.. X	D
		1997.. X	40 194
33152003	Other nonferrous metal castings, rough and semifinished (including aluminum and aluminum-base alloy)	2002.. X	D
		1997.. X	1 308
33120007	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products)	2002.. X	D
		1997.. X	8 826
33120016	Steel sheet and strip (including tinplate)	2002.. X	D
		1997.. X	N
33120033	All other steel shapes and forms (excluding castings, forgings, and fabricated metal products)	2002.. X	1 270
		1997.. X	1 789
33100077	Other nonferrous shapes and forms (excluding castings, forgings, and fabricated metal products)	2002.. X	253
		1997.. X	666
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)	2002.. X	D
		1997.. X	N
33361809	Engines (diesel, semidiesel, gasoline, and other carburetor-type engines)	2002.. X	D
		1997.. X	D
33531211	Fractional horsepower electric motors (less than 1 hp)	2002.. X	13 720
		1997.. X	N
33531221	Integral horsepower electric motors and generators (1 hp or more)	2002.. X	490
		1997.. X	5 912
33299101	Ball and roller bearings (mounted or unmounted)	2002.. X	676
		1997.. X	5 729
32221001	Paperboard containers, boxes, and corrugated paperboard	2002.. X	D
		1997.. X	9 482
32600011	Fabricated rubber products (excluding gaskets)	2002.. X	D
		1997.. X	6 584
32610011	Fabricated plastics products (excluding gaskets)	2002.. X	21 509
		1997.. X	26 238
33999103	Gaskets (all types), and packing and sealing devices	2002.. X	2 694
		1997.. X	7 612
001900B1	Electrical transmission, distribution, and control equipment	2002.. X	D
		1997.. X	24 655
32551002	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied product	2002.. X	D
		1997.. X	N
00970099	All other materials and components, parts, containers, and supplies	2002.. X	87 082
		1997.. X	133 732
00971000	Materials, ingredients, containers, and supplies, nsk	2002.. X	93 678
		1997.. X	41 204

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.