

# Concrete Pipe Manufacturing: 2002

Issued January 2005

EC02-311-327332 (RV)

## 2002 Economic Census

*Manufacturing*

Industry Series



USCENSUSBUREAU

*Helping You Make Informed Decisions*

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



## 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 .....	2
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 <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	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 <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
327332, Concrete pipe manufacturing . . . . . 2002..	213	403	15 839	539 935	12 333	28 151	366 087	1 715 693	880 583	2 589 806	101 114
2001..	N	N	14 412	491 228	11 775	25 242	339 680	1 535 832	944 102	2 483 074	150 460
2000..	N	N	14 714	496 534	12 254	26 324	344 726	1 503 633	977 750	2 465 673	128 436
1999..	N	N	14 512	498 006	11 766	26 311	332 584	1 547 602	954 889	2 491 063	112 813
1998..	N	N	14 506	471 355	11 212	25 050	315 300	1 523 455	917 256	2 449 074	91 666
1997..	264	415	14 085	430 808	10 841	22 856	287 440	1 191 455	826 759	2 008 436	79 230

<sup>1</sup>Statistics 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).

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

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number 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 <sup>1</sup>	All establishments <sup>2</sup>		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 <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
<b>327332, Concrete pipe manufacturing</b>												
United States.....	1	403	266	15 839	539 935	12 333	28 151	366 087	1 715 693	880 583	2 589 806	'101 114
Arizona.....	—	7	5	367	13 344	319	701	10 602	47 892	21 300	69 535	'3 749
California.....	2	32	20	1 249	48 788	972	2 241	32 113	151 443	98 163	245 955	'9 804
Florida.....	—	25	17	903	27 445	729	1 749	19 996	107 191	54 048	160 005	'2 731
Illinois.....	—	22	14	787	34 113	521	1 362	19 986	88 624	52 874	140 457	'6 456
Indiana.....	1	12	5	301	11 761	217	584	7 091	39 975	20 160	59 621	'1 382
Maryland.....	—	6	6	340	11 649	273	663	8 175	41 295	17 041	60 211	484
Massachusetts.....	1	7	2	118	4 885	92	221	3 658	12 165	5 600	17 969	'1 106
Michigan.....	—	13	11	658	23 338	522	1 120	15 763	79 232	45 967	125 271	'3 105
Missouri.....	3	11	7	447	16 835	307	670	8 561	30 116	23 073	53 479	'1 619
New York.....	—	10	3	173	7 354	137	581	5 152	20 760	10 398	31 135	'1 644
Ohio.....	3	19	15	1 052	37 729	745	1 655	23 382	106 821	48 563	156 351	'5 886
Oklahoma.....	1	7	4	173	5 307	135	287	3 746	17 917	7 969	25 584	'1 507
Pennsylvania.....	—	10	8	484	17 283	376	849	12 266	47 164	28 094	74 592	'3 321
South Carolina.....	—	6	6	363	12 522	255	638	8 551	26 055	17 316	43 631	'898
Tennessee.....	—	6	4	288	9 104	232	470	6 356	42 998	12 793	55 602	'965
Texas.....	—	37	26	1 579	44 919	1 334	3 208	34 095	218 555	81 695	299 769	'3 828
Utah.....	1	6	4	243	8 856	180	367	5 315	26 949	14 518	42 778	'1 609
Washington.....	1	9	6	312	9 748	209	543	5 279	21 773	13 676	35 334	'843
Wisconsin.....	—	5	5	205	9 245	141	312	5 505	24 906	13 243	38 395	578

<sup>1</sup>Some 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.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number 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
<b>327332, Concrete pipe manufacturing</b>	
Companies <sup>1</sup> .....	number.. 213
All establishments <sup>2</sup> .....	number.. 403
Establishments with 1 to 19 employees .....	number.. 137
Establishments with 20 to 99 employees .....	number.. 244
Establishments with 100 employees or more .....	number.. 22
All employees <sup>3</sup> .....	number.. 15 839
Total compensation .....	\$1,000.. 665 995
Annual payroll .....	\$1,000.. 539 935
Total fringe benefits .....	\$1,000.. 126 060
Production workers, average for year .....	number.. 12 333
Production workers on March 12 .....	number.. 12 012
Production workers on May 12 .....	number.. 12 552
Production workers on August 12 .....	number.. 12 694
Production workers on November 12 .....	number.. 11 994
Production worker hours .....	1,000.. 28 151
Production worker wages .....	\$1,000.. 366 087
Total cost of materials .....	\$1,000.. 880 583
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 717 885
Resales .....	\$1,000.. 119 122
Purchased fuels .....	\$1,000.. 14 710
Purchased electricity .....	\$1,000.. 16 843
Contract work .....	\$1,000.. 12 023
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 246 525
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. -
Total value of shipments .....	\$1,000.. 2 589 806
Primary products value of shipments .....	\$1,000.. 2 237 842
Secondary products value of shipments .....	\$1,000.. 198 672
Total miscellaneous receipts .....	\$1,000.. 153 292
Value of resales .....	\$1,000.. 144 453
Contract receipts .....	\$1,000.. 1 681
Other miscellaneous receipts .....	\$1,000.. 7 158
Primary products specialization ratio .....	percent.. 92
Value of primary products shipments made in all industries .....	\$1,000.. 2 347 652
Value of primary products shipments made in this industry .....	\$1,000.. 2 237 842
Value of primary products shipments made in other industries .....	\$1,000.. 109 810
Coverage ratio .....	percent.. 95
Value added .....	\$1,000.. 1 715 693
Total inventories, beginning of year .....	\$1,000.. 303 886
Finished goods inventories .....	\$1,000.. 238 842
Work-in-process inventories .....	\$1,000.. 14 187
Materials and supplies inventories .....	\$1,000.. 50 857
Total inventories, end of year .....	\$1,000.. 310 074
Finished goods inventories .....	\$1,000.. 250 400
Work-in-process inventories .....	\$1,000.. 9 099
Materials and supplies inventories .....	\$1,000.. 50 575
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. <sup>†</sup> 1 388 804
Total capital expenditures (new and used) .....	\$1,000.. <sup>†</sup> 101 114
Buildings and other structures (new and used) .....	\$1,000.. <sup>†</sup> 25 587
Machinery and equipment (new and used) .....	\$1,000.. <sup>†</sup> 75 527
Automobiles, trucks, etc., for highway use .....	\$1,000.. <sup>†</sup> 8 622
Computers and peripheral data processing equipment .....	\$1,000.. <sup>†</sup> 2 400
All other expenditures for machinery and equipment .....	\$1,000.. <sup>†</sup> 64 505
Total retirements .....	\$1,000.. <sup>†</sup> 45 368
Gross value of depreciable assets at end of year .....	\$1,000.. <sup>†</sup> 1 444 550
Depreciation charges during year .....	\$1,000.. <sup>†</sup> 89 213
Total rental payments .....	\$1,000.. 30 157
Buildings and other structures .....	\$1,000.. 16 185
Machinery and equipment .....	\$1,000.. 13 972
Total other expenses <sup>4</sup> .....	\$1,000.. 208 113
Response coverage ratio <sup>5</sup> .....	percent.. 69
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 48 258
Communications services <sup>4</sup> .....	\$1,000.. 4 226
Legal services <sup>4</sup> .....	\$1,000.. 2 260
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. D
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 3 122
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 1 197
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 2 600
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. D
Taxes and license fees <sup>4</sup> .....	\$1,000.. 11 541
All other expenses <sup>4</sup> .....	\$1,000.. 124 786

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

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number 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.

<sup>4</sup>Based on 2002 Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A 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 <sup>1</sup>	All establishments <sup>2</sup>	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 <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
327332, Concrete pipe manufacturing											
All establishments .....	1	403	15 839	539 935	12 333	28 151	366 087	1 715 693	880 583	2 589 806	'101 114
Establishments with—											
1 to 4 employees .....	7	32	77	2 436	59	122	1 643	7 267	3 450	11 190	'695
5 to 9 employees .....	5	36	248	8 550	194	456	6 001	28 769	13 472	42 716	D
10 to 19 employees .....	2	69	1 009	34 567	805	2 015	24 948	122 006	64 176	185 293	'6 569
20 to 49 employees .....	—	160	5 168	168 967	4 039	9 202	113 741	605 805	306 508	907 044	'30 858
50 to 99 employees .....	—	84	5 687	197 949	4 331	9 788	130 467	605 621	299 740	907 488	'31 276
100 to 249 employees .....	—	19	2 756	97 510	2 148	4 801	67 630	263 165	138 800	398 740	'26 452
250 to 499 employees .....	3	3	894	29 956	757	1 767	21 657	83 060	54 437	137 335	D
500 to 999 employees .....	—	—	—	—	—	—	—	—	—	—	—
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>4</sup> .....	9	49	378	13 172	315	711	9 553	38 845	21 183	60 028	'1 856

<sup>1</sup>Some 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.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number 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.

<sup>4</sup>Some 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 <sup>1</sup>	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 <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
327332	Concrete pipe manufacturing .....	403	15 839	539 935	12 333	28 151	366 087	1 715 693	880 583	2 589 806	'101 114
3273320	Concrete pipe .....	403	15 839	539 935	12 333	28 151	366 087	1 715 693	880 583	2 589 806	'101 114

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number 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)
327332	Concrete pipe manufacturing .....	2002.. N 1997.. N	X X	X X	2 347 652 1 783 463
3273320	Concrete pipe .....	2002.. N 1997.. N	X X	X X	2 347 652 1 783 463
32733201	Concrete culvert pipe .....	2002.. N 1997.. N	X X	X X	409 437 259 522
3273320111	Concrete reinforced culvert pipe, 36 inches or more .....	1,000 s tons.. 2002.. 40 1997.. 62	X X	S <sup>#1</sup> 417.6	215 776 163 280
3273320121	Concrete reinforced culvert pipe, less than 36 inches .....	1,000 s tons.. 2002.. 33 1997.. 41	X X	<sup>#1</sup> 091.7 <sup>#1</sup> 021.1	133 240 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	511 244 597 598
3273320211	Concrete reinforced storm sewer pipe, 36 inches or more .....	1,000 s tons.. 2002.. 50 1997.. 70	X X	S P <sup>2</sup> 668.6	309 778 290 449
3273320221	Concrete reinforced storm sewer pipe, less than 36 inches .....	1,000 s tons.. 2002.. 43 1997.. 69	X X	S 3 019.9	193 482 296 205
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	1 090 784 784 249
3273320311	Concrete reinforced sanitary sewer pipe, 24 inches or more .....	1,000 s tons.. 2002.. 28 1997.. 35	X X	S <sup>#1</sup> 129.8	158 872 111 772
3273320321	Concrete reinforced sanitary sewer pipe, less than 24 inches .....	1,000 s tons.. 2002.. 17 1997.. 16	X X	S P <sup>199.5</sup>	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.. 11 1997.. 12	X X	X X	35 721 13 838
3273320381	Other concrete pipe (such as manholes and conduits) .....	2002.. 115 1997.. 161	X X	X X	572 495 383 206
3273320Y	Concrete pipe, nsk, total .....	2002.. N 1997.. N	X X	X X	336 187 142 094
3273320YWW	Concrete pipe, nsk, for nonadministrative-record establishments .....	2002.. N 1997.. N	X X	X X	278 151 133 821
3273320YWY	Concrete pipe, nsk, for administrative-record establishments .....	2002.. N 1997.. N	X X	X X	58 036 8 273

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)
327332	Concrete pipe manufacturing		
00900001	Total materials .....	2002.. X	717 885
		1997.. X	658 058
32731005	Portland and blended cements .....	2002.. X	199 107
		1997.. X	N
32732000	Ready-mixed concrete .....	2002.. X	12 471
		1997.. X	10 978
32700012	Other stone, clay, glass, and concrete products (excluding portland and blended cements and ready-mixed concrete) .....	2002.. X	6 346
		1997.. X	N
21231003	Crushed and broken stone (including cement rock, limestone, etc.) .....	2002.. X	17 997
		1997.. X	14 791
21232002	Sand and gravel .....	2002.. X	82 711
		1997.. X	N
21230007	Other mining and quarrying of nonmetallic minerals (excluding fuels) .....	2002.. X	11 116
		1997.. X	5 474
33120053	Steel wire strand, bars, and rods, high strength, stress relieved .....	2002.. X	31 515
		1997.. X	40 507
33120093	Welded steel wire concrete reinforcing mesh .....	2002.. X	70 499
		1997.. X	86 722
33120009	Steel concrete reinforcing bars .....	2002.. X	36 537
		1997.. X	26 935
33120055	Other steel shapes and forms (excluding castings, forgings, and fabricated metal products) .....	2002.. X	29 987
		1997.. X	21 230
331000AJ	Nonferrous metal shapes and forms (excluding castings, forgings, and fabricated metal products) .....	2002.. X	2 352
		1997.. X	19 624
00970099	All other materials and components, parts, containers, and supplies .....	2002.. X	99 291
		1997.. X	N
00971000	Materials, ingredients, containers, and supplies, nsk .....	2002.. X	117 956
		1997.. X	89 380

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.