

Plastics Pipe and Pipe Fitting 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 expenditures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
326122, Plastics pipe and pipe fitting manufacturing	2002..	310	437	21 641	692 459	17 021	33 590	469 413	2 239 769	3 204 342	5 537 788	255 017
	2001..	N	N	21 890	677 183	17 072	34 784	458 585	1 928 066	3 265 493	5 307 911	275 709
	2000..	N	N	22 644	691 005	17 846	37 143	474 007	2 035 479	3 762 558	5 608 201	274 497
	1999..	N	N	21 642	650 916	17 222	33 903	434 734	2 164 521	3 152 461	5 238 520	286 223
	1998..	N	N	20 207	624 218	15 862	31 994	421 757	1 876 849	2 952 721	4 899 929	240 429
	1997..	317	443	19 970	551 655	15 683	30 807	368 274	1 792 357	3 058 203	4 792 146	243 255

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	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)	
	E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)					Wages (\$1,000)
326122, Plastics pipe and pipe fitting manufacturing												
United States	1	437	267	21 641	692 459	17 021	33 590	469 413	2 239 769	3 204 342	5 537 788	'255 017
Alabama	-	12	7	435	14 915	334	670	8 716	55 945	58 284	112 218	'1 392
Arizona	1	5	4	573	18 349	499	1 150	14 663	90 891	94 097	188 892	'8 239
California	1	48	30	2 548	86 289	2 049	3 781	56 038	243 998	292 835	548 766	'27 971
Colorado	-	7	4	203	6 679	149	303	4 398	26 408	40 622	67 814	'1 763
Florida	3	18	10	670	20 420	510	893	13 734	64 950	104 797	176 347	'10 499
Georgia	2	11	8	769	19 234	658	1 238	14 677	82 065	175 834	261 427	'23 329
Illinois	-	15	8	440	14 111	304	588	7 823	39 389	87 747	128 600	'4 591
Indiana	-	10	9	667	20 927	548	1 125	14 997	111 020	105 335	215 408	'4 409
Iowa	-	11	7	451	15 258	380	808	12 234	50 940	72 629	127 488	'3 944
Kansas	-	10	5	401	12 427	272	473	6 063	16 210	51 650	96 754	'2 041
Louisiana	1	8	3	220	5 391	179	310	3 801	18 110	29 370	49 707	'571
Massachusetts	1	4	2	133	4 576	97	214	2 646	14 120	26 550	38 887	'386
Michigan	-	15	8	513	16 291	407	761	10 729	55 619	58 069	112 488	'7 570
Minnesota	-	9	4	369	10 936	292	530	7 572	46 117	52 173	102 121	'1 715
Missouri	8	8	1	187	5 360	140	280	3 937	24 284	32 579	58 492	'2 469
Nebraska	8	7	4	257	10 812	199	427	7 163	23 795	56 876	82 629	'2 485
New Jersey	1	10	9	548	19 717	415	870	12 567	36 019	41 412	78 812	'14 372
North Carolina	-	11	9	1 347	46 951	1 074	2 290	33 006	112 914	245 153	363 450	'41 468
Ohio	2	32	23	1 693	52 700	1 263	2 417	34 938	166 201	170 252	334 981	'13 286
Oregon	2	7	4	251	6 525	204	431	5 392	19 332	46 919	66 380	'2 528
Pennsylvania	-	16	11	951	30 611	778	1 517	22 029	136 189	200 005	339 064	'8 563
Tennessee	-	8	3	620	21 119	495	1 015	12 323	17 684	50 446	72 199	'679
Texas	1	48	24	1 928	62 913	1 544	3 092	43 447	210 738	313 715	533 405	'14 068
Utah	7	9	5	230	7 338	165	340	4 500	17 615	38 892	55 665	'5 244
Washington	-	8	5	304	9 655	237	430	6 286	27 753	42 617	68 317	'4 022
West Virginia	8	5	2	214	6 133	173	346	4 567	18 001	28 418	46 848	'2 293
Wisconsin	-	7	5	310	10 508	219	449	6 233	33 143	51 818	86 414	'915

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
326122, Plastics pipe and pipe fitting manufacturing	
Companies ¹	number.. 310
All establishments ²	number.. 437
Establishments with 1 to 19 employees	number.. 170
Establishments with 20 to 99 employees	number.. 207
Establishments with 100 employees or more	number.. 60
All employees ³	number.. 21 641
Total compensation	\$1,000.. 857 903
Annual payroll	\$1,000.. 692 459
Total fringe benefits	\$1,000.. 165 444
Production workers, average for year	number.. 17 021
Production workers on March 12	number.. 16 957
Production workers on May 12	number.. 17 315
Production workers on August 12	number.. 17 263
Production workers on November 12	number.. 16 470
Production worker hours	1,000.. 33 590
Production worker wages	\$1,000.. 469 413
Total cost of materials	\$1,000.. 3 204 342
Materials, parts, containers, packaging, etc., used	\$1,000.. 2 946 695
Resales	\$1,000.. 109 932
Purchased fuels	\$1,000.. 8 762
Purchased electricity	\$1,000.. 120 920
Contract work	\$1,000.. 18 033
Quantity of electricity purchased for heat and power	1,000 kWh.. 2 166 351
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 5 537 788
Primary products value of shipments	\$1,000.. 5 210 419
Secondary products value of shipments	\$1,000.. 178 697
Total miscellaneous receipts	\$1,000.. 148 672
Value of resales	\$1,000.. 136 021
Contract receipts	\$1,000.. 9 239
Other miscellaneous receipts	\$1,000.. 3 412
Primary products specialization ratio	percent.. 97
Value of primary products shipments made in all industries	\$1,000.. 5 416 238
Value of primary products shipments made in this industry	\$1,000.. 5 210 419
Value of primary products shipments made in other industries	\$1,000.. 205 819
Coverage ratio	percent.. 96
Value added	\$1,000.. 2 239 769
Total inventories, beginning of year	\$1,000.. 882 384
Finished goods inventories	\$1,000.. 619 281
Work-in-process inventories	\$1,000.. 46 856
Materials and supplies inventories	\$1,000.. 216 247
Total inventories, end of year	\$1,000.. 796 584
Finished goods inventories	\$1,000.. 529 427
Work-in-process inventories	\$1,000.. 43 033
Materials and supplies inventories	\$1,000.. 224 124
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '2 665 439
Total capital expenditures (new and used)	\$1,000.. '255 017
Buildings and other structures (new and used)	\$1,000.. '41 731
Machinery and equipment (new and used)	\$1,000.. '213 286
Automobiles, trucks, etc., for highway use	\$1,000.. '4 151
Computers and peripheral data processing equipment	\$1,000.. '5 539
All other expenditures for machinery and equipment	\$1,000.. '203 596
Total retirements	\$1,000.. '81 830
Gross value of depreciable assets at end of year	\$1,000.. '2 838 626
Depreciation charges during year	\$1,000.. '187 255
Total rental payments	\$1,000.. 52 026
Buildings and other structures	\$1,000.. 29 057
Machinery and equipment	\$1,000.. 22 969
Total other expenses ⁴	\$1,000.. 277 488
Response coverage ratio ⁵	percent.. 86
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 69 346
Communications services ⁴	\$1,000.. 37 989
Legal services ⁴	\$1,000.. 2 186
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 1 406
Advertising and promotional services ⁴	\$1,000.. 5 132
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 1 908
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 4 379
Management consulting and administrative services ⁴	\$1,000.. 7 007
Taxes and license fees ⁴	\$1,000.. 14 232
All other expenses ⁴	\$1,000.. 133 902

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)				
326122, Plastics pipe and pipe fitting manufacturing											
All establishments	1	437	21 641	692 459	17 021	33 590	469 413	2 239 769	3 204 342	5 537 788	'255 017
Establishments with—											
1 to 4 employees	9	73	c	D	D	D	D	D	D	D	D
5 to 9 employees	7	43	306	9 254	236	452	6 305	30 086	46 138	76 513	'2 475
10 to 19 employees	6	54	741	23 591	550	1 104	15 712	67 304	92 581	161 426	'5 648
20 to 49 employees	1	98	3 306	105 448	2 453	4 876	66 928	364 813	512 377	875 353	'28 612
50 to 99 employees	1	109	7 413	237 381	5 938	12 087	167 251	749 406	1 320 607	2 091 868	'78 811
100 to 249 employees	1	55	7 571	238 196	5 909	11 280	156 540	882 321	969 358	1 911 970	'105 065
250 to 499 employees	—	4	1 543	52 449	1 290	2 436	36 461	146 627	117 880	276 093	13 374
500 to 999 employees	—	1	f	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	109	521	16 606	426	850	11 641	49 546	93 180	142 726	'4 820

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)				
326122	Plastics pipe and pipe fitting manufacturing	437	21 641	692 459	17 021	33 590	469 413	2 239 769	3 204 342	5 537 788	'255 017
3261221	Plastics pipe	252	16 825	542 768	13 190	26 041	366 722	1 764 351	2 753 481	4 593 852	'220 133
3261223	Plastics pipe fittings and unions	46	3 903	121 283	3 122	6 148	83 456	397 325	321 311	734 988	'25 539

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)
326122	Plastics pipe and pipe fitting manufacturing.....	2002.. N 1997.. N	X X	X X	5 416 238 4 842 438
3261221	Plastics pipe	2002.. N 1997.. N	X X	X X	4 458 853 3 805 800
32612211	Plastics drain, waste, and vent pipe	2002.. N 1997.. N	X X	X X	1 381 336 682 506
3261221112	Plastics drain, waste, and vent pipe, PVC	2002.. 46 1997.. 44	X X	X X	1 106 202 451 348
3261221114	Plastics drain, waste, and vent pipe, ABS	2002.. 12 1997.. 19	X X	X X	107 066 138 031
3261221116	Plastics drain, waste, and vent pipe, other	2002.. 23 1997.. 30	X X	X X	168 068 93 127
32612213	Plastics water pipe	2002.. N 1997.. N	X X	X X	1 664 401 1 674 695
3261221321	Plastics water pipe, PVC (pressure pipe) Schedule 40	2002.. 33 1997.. 40	X X	X X	588 659 673 038
3261221323	Plastics water pipe, CPVC CTS	2002.. 7 1997.. 8	X X	X X	67 409 51 062
3261221325	Plastics water pipe, PE (polyethylene)	2002.. 30 1997.. 34	X X	X X	868 566 668 806
3261221327	Plastics water pipe, other	2002.. 26 1997.. 25	X X	X X	139 767 281 789
32612215	Plastics industrial and mining pipe (including chemical processing, food processing)	2002.. N 1997.. N	X X	X X	543 455 342 174
3261221531	Plastics industrial and mining pipe (including chemical processing, food processing), PVC (pressure pipe) Schedule 80	2002.. 19 1997.. 20	X X	X X	44 779 117 573
3261221533	Plastics industrial and mining pipe (including chemical processing, food processing), CPVC Schedule 80	2002.. 10 1997.. 10	X X	X X	67 594 29 087
3261221535	Plastics industrial and mining pipe (including chemical processing, food processing), other	2002.. 50 1997.. 27	X X	X X	431 082 195 514
32612216	Plastics sewer pipe	2002.. N 1997.. N	X X	X X	328 971 371 328
3261221641	Plastics sewer pipe	2002.. 33 1997.. 42	X X	X X	328 971 371 328
32612217	Plastics oil and gas pipe	2002.. N 1997.. N	X X	X X	181 166 257 819
3261221751	Plastics oil and gas pipe	2002.. 11 1997.. 17	X X	X X	181 166 257 819
32612219	Other plastics pipe	2002.. N 1997.. N	X X	X X	190 913 399 549
3261221991	Other plastics pipe	2002.. 34 1997.. 44	X X	X X	190 913 399 549
3261221Y	Plastics pipe, nsk	2002.. N 1997.. N	X X	X X	168 611 77 729
3261221YWV	Plastics pipe, nsk	2002.. N 1997.. N	X X	X X	168 611 77 729
3261223	Plastics pipe fittings and unions	2002.. N 1997.. N	X X	X X	742 712 673 433
32612231	Plastics pipe fittings and unions	2002.. N 1997.. N	X X	X X	742 712 673 433
3261223100	Plastics pipe fittings and unions	2002.. 82 1997.. 63	X X	X X	742 712 673 433
326122W	Plastics pipe and pipe fitting manufacturing, total	2002.. N 1997.. N	X X	X X	214 673 363 205
326122WY	Plastics pipe and pipe fitting manufacturing, total	2002.. N 1997.. N	X X	X X	214 673 363 205
326122WYWW	Plastics pipe and pipe fitting manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	73 561 197 195
326122WYWY	Plastics pipe and pipe fitting manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	141 112 166 010

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)	
3261221	Plastics pipe		
	United States	2002.. 4 458 853 1997.. 3 805 800	
	Alabama	2002.. 67 565 1997.. 66 611	
	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	
	Kansas	2002.. 64 713 1997.. 64 298	
	Michigan	2002.. 67 002 1997.. 28 375	
	Minnesota	2002.. 74 842 1997.. 114 348	
	Missouri	2002.. 56 758 1997.. 42 452	
	Nebraska	2002.. 75 126 1997.. 80 552	
	New Jersey	2002.. 62 670 1997.. 16 330	
	North Carolina	2002.. 318 979 1997.. 256 032	
	Oregon	2002.. 63 382 1997.. 98 590	
	Pennsylvania	2002.. 289 507 1997.. 282 300	
	Tennessee	2002.. 47 846 1997.. 56 446	
	Texas	2002.. 415 397 1997.. 397 892	
	Utah	2002.. 52 362 1997.. N	
	Wisconsin	2002.. 64 807 1997.. 52 998	
	3261223	Plastics pipe fittings and unions	
		United States	2002.. 742 712 1997.. 673 433
		California	2002.. 26 957 1997.. 47 474
		Florida	2002.. 19 164 1997.. N
		Indiana	2002.. 79 450 1997.. N
		Ohio	2002.. 38 522 1997.. 48 269
		Pennsylvania	2002.. 34 638 1997.. N
		Texas	2002.. 82 339 1997.. 18 186

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)
326122	Plastics pipe and pipe fitting manufacturing		
00900001	Total materials	X	2 946 695
	.....2002..	X	2 847 203
	.....1997..	X	2 192 170
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc.	X	2 012 352
	.....2002..	X	
	.....1997..	X	
325100A1	Industrial organic and synthetic organic chemicals, including plasticizers (excluding synthetic dyes, pigments, and toners)	X	38 646
	.....2002..	X	25 504
	.....1997..	X	
32513200	Synthetic dyes, pigments, lakes, and toners	X	19 587
	.....2002..	X	18 212
	.....1997..	X	
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes	X	91 400
	.....2002..	X	47 109
	.....1997..	X	
32599100	Custom compounded plastics resins (purchased)	X	83 081
	.....2002..	X	119 582
	.....1997..	X	
32721209	Textile-type glass fiber	X	4 415
	.....2002..	X	11 667
	.....1997..	X	
32221001	Paperboard containers, boxes, and corrugated paperboard	X	26 512
	.....2002..	X	D
	.....1997..	X	
33322000	Parts and attachments specially designed for plastics working machinery	X	60 159
	.....2002..	X	D
	.....1997..	X	
00999803	Spent or post-consumer plastics (purchased)	X	11 371
	.....2002..	X	17 090
	.....1997..	X	
00970099	All other materials and components, parts, containers, and supplies	X	223 826
	.....2002..	X	224 441
	.....1997..	X	
00971000	Materials, ingredients, containers, and supplies, nsk	X	195 528
	.....2002..	X	264 525
	.....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.