

Plastics Bag Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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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)				
326111, Plastics bag manufacturing 2002..	376	447	34 154	1 150 068	27 347	56 386	796 574	3 776 157	3 635 774	7 397 033	310 565
2001..	N	N	39 772	1 287 000	32 926	70 731	897 563	3 886 537	4 041 962	7 938 441	370 904
2000..	N	N	40 043	1 261 739	33 139	67 873	885 271	3 764 812	4 102 421	7 879 124	464 774
1999..	N	N	41 189	1 269 848	34 142	69 357	876 952	3 893 727	3 827 685	7 644 625	631 967
1998..	N	N	41 169	1 211 123	33 777	69 946	856 077	3 922 916	3 804 510	7 709 980	273 085
1997..	440	498	40 671	1 168 260	33 153	69 064	808 133	3 402 530	3 906 147	7 300 237	366 375

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)				
326111, Plastics bag manufacturing												
United States.....	1	447	260	34 154	1 150 068	27 347	56 386	796 574	3 776 157	3 635 774	7 397 033	310 565
Arkansas	—	4	4	1 173	48 480	1 007	2 342	38 967	194 731	203 980	391 613	9 174
California	1	67	35	3 428	106 432	2 717	5 768	65 643	340 016	343 606	683 176	50 372
Georgia	—	13	8	959	36 743	814	1 782	29 245	165 756	123 326	286 175	7 177
Illinois	—	25	16	3 036	95 193	2 582	5 259	73 813	444 400	378 052	823 229	34 797
New Jersey	2	30	20	1 334	39 467	1 072	1 996	26 756	131 684	129 899	260 041	10 109
New York	1	51	22	2 863	100 062	2 132	4 329	62 005	246 229	224 936	472 336	20 877
North Carolina	—	11	8	1 539	55 513	1 099	2 471	26 932	113 049	233 612	348 028	19 378
Ohio	2	22	17	1 605	50 346	1 194	2 373	36 888	149 323	125 192	274 775	7 548
Pennsylvania	2	23	11	1 621	46 133	1 333	2 708	36 319	149 039	151 208	299 049	18 134
Texas	3	39	18	4 186	153 695	3 437	7 407	112 123	636 816	463 693	1 094 653	35 608
Virginia	—	6	4	1 125	34 512	1 000	2 155	28 630	177 674	143 848	315 447	8 701
Wisconsin	1	16	12	1 857	52 238	1 401	2 459	27 722	118 105	124 318	245 341	13 970

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 based on administrative-record 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
326111, Plastics bag manufacturing	
Companies ¹	number.. 376
All establishments ²	number.. 447
Establishments with 1 to 19 employees	number.. 187
Establishments with 20 to 99 employees	number.. 170
Establishments with 100 employees or more	number.. 90
All employees ³	number.. 34 154
Total compensation	\$1,000.. 1 414 805
Annual payroll	\$1,000.. 1 150 068
Total fringe benefits	\$1,000.. 264 737
Production workers, average for year	number.. 27 347
Production workers on March 12	number.. 27 573
Production workers on May 12	number.. 27 402
Production workers on August 12	number.. 27 352
Production workers on November 12	number.. 27 033
Production worker hours	1,000.. 56 386
Production worker wages	\$1,000.. 796 574
Total cost of materials	\$1,000.. 3 635 774
Materials, parts, containers, packaging, etc., used	\$1,000.. 3 312 326
Resales	\$1,000.. 141 779
Purchased fuels	\$1,000.. 17 703
Purchased electricity	\$1,000.. 136 542
Contract work	\$1,000.. 27 424
Quantity of electricity purchased for heat and power	1,000 kWh.. 2 460 968
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 7 397 033
Primary products value of shipments	\$1,000.. 6 762 622
Secondary products value of shipments	\$1,000.. 423 371
Total miscellaneous receipts	\$1,000.. 211 040
Value of resales	\$1,000.. 176 612
Contract receipts	\$1,000.. 18 802
Other miscellaneous receipts	\$1,000.. 15 626
Primary products specialization ratio	percent.. 94
Value of primary products shipments made in all industries	\$1,000.. 7 647 363
Value of primary products shipments made in this industry	\$1,000.. 6 762 622
Value of primary products shipments made in other industries	\$1,000.. 884 741
Coverage ratio	percent.. 88
Value added	\$1,000.. 3 776 157
Total inventories, beginning of year	\$1,000.. 612 321
Finished goods inventories	\$1,000.. 317 035
Work-in-process inventories	\$1,000.. 65 060
Materials and supplies inventories	\$1,000.. 230 226
Total inventories, end of year	\$1,000.. 645 236
Finished goods inventories	\$1,000.. 338 314
Work-in-process inventories	\$1,000.. 58 679
Materials and supplies inventories	\$1,000.. 248 243
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 3 691 251
Total capital expenditures (new and used)	\$1,000.. 310 565
Buildings and other structures (new and used)	\$1,000.. 25 811
Machinery and equipment (new and used)	\$1,000.. 284 754
Automobiles, trucks, etc., for highway use	\$1,000.. 5 351
Computers and peripheral data processing equipment	\$1,000.. 11 902
All other expenditures for machinery and equipment	\$1,000.. 267 501
Total retirements	\$1,000.. 257 549
Gross value of depreciable assets at end of year	\$1,000.. 3 744 267
Depreciation charges during year	\$1,000.. 284 988
Total rental payments	\$1,000.. 92 945
Buildings and other structures	\$1,000.. 63 037
Machinery and equipment	\$1,000.. 29 908
Total other expenses ⁴	\$1,000.. 476 572
Response coverage ratio ⁵	percent.. 84
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 82 893
Communications services ⁴	\$1,000.. 11 024
Legal services ⁴	\$1,000.. 7 520
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 3 700
Advertising and promotional services ⁴	\$1,000.. 7 003
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 4 539
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 10 716
Management consulting and administrative services ⁴	\$1,000.. 15 444
Taxes and license fees ⁴	\$1,000.. 15 593
All other expenses ⁴	\$1,000.. 318 138

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)				
326111, Plastics bag manufacturing											
All establishments	1	447	34 154	1 150 068	27 347	56 386	796 574	3 776 157	3 635 774	7 397 033	310 565
Establishments with—											
1 to 4 employees	9	80	c	D	D	D	D	D	D	D	D
5 to 9 employees	9	46	309	10 329	257	528	7 877	28 741	30 867	59 618	1 948
10 to 19 employees	7	61	891	29 823	728	1 496	21 722	86 971	91 486	179 328	8 920
20 to 49 employees	3	86	2 803	87 868	2 176	4 398	58 734	252 764	242 903	495 658	19 461
50 to 99 employees	2	84	6 049	204 114	4 702	9 605	134 396	606 410	633 473	1 237 151	50 973
100 to 249 employees	—	57	8 807	293 423	6 941	14 638	201 120	929 705	821 015	1 752 216	108 772
250 to 499 employees	—	25	8 819	298 941	7 173	14 051	210 156	895 541	964 367	1 846 977	60 891
500 to 999 employees	2	7	5 002	173 550	4 080	8 642	119 898	823 743	643 126	1 468 208	44 612
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	148	909	31 169	789	1 612	24 173	91 042	95 800	186 841	6 310

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 based on administrative-record 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)				
326111	Plastics bag manufacturing	447	34 154	1 150 068	27 347	56 386	796 574	3 776 157	3 635 774	7 397 033	310 565
3261111	Single-web film specialty bags, pouches, and liners	249	30 310	1 014 875	24 364	50 322	710 785	3 434 627	3 169 065	6 586 214	284 786
3261113	Multiweb film/film combination specialty bags, pouches, and liners	24	2 368	88 411	1 752	3 589	51 155	212 611	333 170	548 771	15 980

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)
326111	Plastics bag manufacturing.....	2002.. N 1997.. N	X X	X X	7 647 363 6 950 803
3261111	Single-web film specialty bags, pouches, and liners	2002.. N 1997.. N	X X	X X	6 766 016 6 019 915
32611111	Polyethylene grocery and variety bags and pouches	2002.. N 1997.. N	X X	X X	2 020 168 1 283 054
3261111111	Polyethylene grocery and variety bags and pouches	2002.. 1,000 s tons. 95 1997.. 81	X X	S S	2 020 168 1 283 054
326111112	Polyethylene refuse bags	2002.. N 1997.. N	X X	X X	1 692 389 1 369 087
3261111215	Polyethylene refuse bags	2002.. 1,000 s tons. 47 1997.. 46	X X	S S	1 692 389 1 369 087
32611113	Polyethylene textile and clothing bags and pouches	2002.. N 1997.. N	X X	X X	189 438 179 560
3261111321	Polyethylene textile and clothing bags and pouches	2002.. 1,000 s tons. 31 1997.. 42	X X	S S	189 438 179 560
32611114	Polyethylene household food storage bags and pouches (sandwich and freezer)	2002.. N 1997.. N	X X	X X	728 870 577 537
3261111431	Polyethylene household food storage bags and pouches (sandwich and freezer)	2002.. 1,000 s tons. 18 1997.. 19	X X	S S	728 870 577 537
32611115	Other polyethylene bags, pouches, and liners	2002.. N 1997.. N	X X	X X	1 378 727 1 270 552
3261111541	Polyethylene produce bags	2002.. 1,000 s tons. 32 1997.. 42	X X	S S	465 151 181 295
3261111551	Polyethylene drum and box liners	2002.. 1,000 s tons. 25 1997.. 35	X X	S S	133 592 187 789
3261111561	Polyethylene shipping sacks	2002.. 1,000 s tons. 22 1997.. 17	X X	P108.3 962.8	193 110 132 177
3261111563	Polyethylene bread bags	2002.. 1,000 s tons. 20 1997.. N	X X	D N	D N
3261111566	Polyethylene newspaper sleeves	2002.. 1,000 s tons. 2 1997.. N	X X	D N	D N
3261111572	Other polyethylene single-web film, specialty bags, pouches, and liners	2002.. 1,000 s tons. 79 1997.. N	X X	S N	491 411 N
32611116	Coextruded single-web film specialty bags, pouches, and liners	2002.. N 1997.. N	X X	X X	578 023 548 169
3261111621	Coextruded bags, pouches, and liners, used for meat	2002.. 1,000 s tons. 10 1997.. N	X X	S N	346 975 N
3261111631	Coextruded bags, pouches, and liners, for medical uses	2002.. 1,000 s tons. 9 1997.. N	X X	D N	D N
3261111641	Coextruded bags, pouches, and liners, used for food, except produce and meat	2002.. 1,000 s tons. 10 1997.. N	X X	31.2 N	116 516 N
3261111651	Coextruded bags, pouches, and liners, used for produce	2002.. 1,000 s tons. 7 1997.. N	X X	S N	32 230 N
3261111661	Coextruded bags, pouches, and liners, used for pet food	2002.. 1,000 s tons. 1 1997.. N	X X	D N	D N
3261111671	All other coextruded bags, pouches, and liners, used for non-food	2002.. 1,000 s tons. 11 1997.. N	X X	921.9 N	54 277 N
32611117	Other single-web film specialty bags, pouches, and liners	2002.. N 1997.. N	X X	X X	109 350 230 154
3261111791	Other single-web film specialty bags, pouches, and liners	2002.. 1,000 s tons. 18 1997.. 36	X X	S S	109 350 230 154
3261111Y	Single-web film specialty bags, pouches, and liners, nsk	2002.. N 1997.. N	X X	X X	69 051 561 802
3261111YWV	Single-web film specialty bags, pouches, and liners, nsk	2002.. N 1997.. N	X X	X X	69 051 561 802
3261113	Multiweb film/film combination specialty bags, pouches, and liners	2002.. N 1997.. N	X X	X X	621 336 427 192
32611131	Multiweb film/film combination specialty bags, pouches, and liners	2002.. N 1997.. N	X X	X X	621 336 427 192
3261113100	Multiweb film/film combination specialty bags, pouches, and liners	2002.. 1,000 s tons. 45 1997.. 46	X X	S S	621 336 427 192
326111W	Plastics bag manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	260 011 503 696
326111WY	Plastics bag manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	260 011 503 696
326111WYWW	Plastics bag manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	74 265 386 804
326111WYWY	Plastics bag manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	185 746 116 892

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)	
3261111	Single-web film specialty bags, pouches, and liners		
	United States	2002.. 6 766 016 1997.. 6 019 915	
	California	2002.. 558 435 1997.. 487 670	
	Georgia	2002.. 266 052 1997.. 325 598	
	Illinois	2002.. 707 738 1997.. 732 451	
	New Jersey	2002.. 238 933 1997.. 182 403	
	New York	2002.. 390 840 1997.. 352 075	
	North Carolina	2002.. 145 305 1997.. 184 017	
	Ohio	2002.. 252 558 1997.. 203 347	
	Pennsylvania	2002.. 277 258 1997.. 240 225	
	Texas	2002.. 1 160 567 1997.. 823 181	
	Virginia	2002.. 306 976 1997.. 262 490	
	3261113	Multiweb film/film combination specialty bags, pouches, and liners	
		United States	2002.. 621 336 1997.. 427 192
		Illinois	2002.. 101 126 1997.. 40 007
New Jersey		2002.. 15 411 1997.. N	
Ohio		2002.. 8 859 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)
326111	Plastics bag manufacturing		
0090001	Total materials	X	3 312 326
	.....2002..	X	3 593 554
	.....1997..	X	N
32212007	Paper	S	34 815
	.....1,000 s tons	S	34 362
	.....2002..	X	1 715 184
	.....1997..	X	2 064 711
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc.	X	
	.....2002..	X	
	.....1997..	X	
32611201	Polyethylene unsupported plastic packaging film in roll form	X	239 925
	.....2002..	X	N
	.....1997..	X	N
32611203	Polypropylene unsupported plastics packaging film in roll form	X	46 817
	.....2002..	X	N
	.....1997..	X	N
00190062	Polyester unsupported plastics packaging film (coated and uncoated) in roll form	X	6 232
	.....2002..	X	N
	.....1997..	X	N
32612205	Nylon unsupported plastics packaging film in roll form	X	D
	.....2002..	X	N
	.....1997..	X	N
00190063	Other unsupported plastics packaging film in roll form (including cellophane)	X	17 038
	.....2002..	X	N
	.....1997..	X	N
33131509	Aluminum foil, plain	S	D
	..... mil lb	D	D
	.....2002..	D	D
	.....1997..	D	D
32552003	Glues and adhesives	S	15 593
	..... mil lb	101.0	D
	.....2002..	X	81 978
	.....1997..	X	N
32591002	Printing inks	X	N
	.....2002..	X	318 976
	.....1997..	X	244 564
32221001	Paperboard containers, boxes, and corrugated paperboard	X	
	.....2002..	X	
	.....1997..	X	
00970099	All other materials and components, parts, containers, and supplies	X	481 485
	.....2002..	X	783 007
	.....1997..	X	291 376
00971000	Materials, ingredients, containers, and supplies, nsk	X	446 572
	.....2002..	X	
	.....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.