

Other Pressed and Blown Glass and Glassware Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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

Helping You Make Informed Decisions

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



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-- Not applicable for this report.

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

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

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
327212, Other pressed and blown glass and glassware manufacturing 2002..	477	525	29 349	1 140 026	24 171	49 026	858 547	3 024 977	1 662 165	4 773 135	299 782
2001..	N	N	33 379	1 209 315	27 369	54 515	887 150	3 380 289	1 742 727	5 169 452	592 816
2000..	N	N	34 799	1 331 902	28 974	61 436	1 017 808	3 873 195	1 771 708	5 596 637	445 004
1999..	N	N	34 301	1 227 151	28 648	59 131	933 510	3 887 105	1 715 424	5 614 089	570 188
1998..	N	N	35 089	1 218 756	29 539	61 830	949 920	4 217 055	1 883 150	6 060 145	658 733
1997..	465	513	35 383	1 228 719	29 423	61 361	943 615	4 341 468	1 809 430	6 094 602	627 705

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)				
327212, Other pressed and blown glass and glassware manufacturing												
United States	1	525	108	29 349	1 140 026	24 171	49 026	858 547	3 024 977	1 662 165	4 773 135	'299 782
California	2	84	9	925	33 751	711	1 439	22 683	110 275	59 864	172 396	'4 937
New York	4	42	8	1 273	51 680	994	2 016	36 523	133 878	48 689	182 602	'36 673
Ohio	-	38	19	5 905	249 411	4 776	9 822	185 576	731 621	288 168	1 034 897	'45 234
Pennsylvania	-	33	14	5 346	203 467	4 336	9 004	154 024	444 172	283 210	740 369	'29 748
South Carolina	4	9	5	1 948	81 395	1 648	3 461	65 413	174 791	136 875	311 664	'21 920
West Virginia	5	14	8	1 444	46 176	1 125	2 371	34 265	109 164	70 986	179 843	'7 627

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
327212, Other pressed and blown glass and glassware manufacturing	
Companies ¹	number.. 477
All establishments ²	number.. 525
Establishments with 1 to 19 employees	number.. 417
Establishments with 20 to 99 employees	number.. 47
Establishments with 100 employees or more	number.. 61
All employees ³	number.. 29 349
Total compensation	\$1,000.. 1 569 979
Annual payroll	\$1,000.. 1 140 026
Total fringe benefits	\$1,000.. 429 953
Production workers, average for year	number.. 24 171
Production workers on March 12	number.. 24 194
Production workers on May 12	number.. 24 454
Production workers on August 12	number.. 24 098
Production workers on November 12	number.. 23 909
Production worker hours .....	..1,000.. 49 026
Production worker wages	\$1,000.. 858 547
Total cost of materials	\$1,000.. 1 662 165
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 141 383
Resales	\$1,000.. 124 260
Purchased fuels	\$1,000.. 208 832
Purchased electricity	\$1,000.. 163 835
Contract work	\$1,000.. 23 855
Quantity of electricity purchased for heat and power	1,000 kWh.. 3 686 711
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 4 773 135
Primary products value of shipments	\$1,000.. 4 577 533
Secondary products value of shipments	\$1,000.. 24 645
Total miscellaneous receipts	\$1,000.. 170 957
Value of resales	\$1,000.. 140 113
Contract receipts	\$1,000.. 1 614
Other miscellaneous receipts	\$1,000.. 29 230
Primary products specialization ratio	percent.. 99
Value of primary products shipments made in all industries	\$1,000.. 4 707 202
Value of primary products shipments made in this industry	\$1,000.. 4 577 533
Value of primary products shipments made in other industries	\$1,000.. 129 669
Coverage ratio	percent.. 97
Value added	\$1,000.. 3 024 977
Total inventories, beginning of year	\$1,000.. 941 320
Finished goods inventories	\$1,000.. 559 712
Work-in-process inventories	\$1,000.. 104 089
Materials and supplies inventories	\$1,000.. 277 519
Total inventories, end of year	\$1,000.. 828 461
Finished goods inventories	\$1,000.. 476 128
Work-in-process inventories	\$1,000.. 101 680
Materials and supplies inventories	\$1,000.. 250 653
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '4 951 157
Total capital expenditures (new and used)	\$1,000.. '299 782
Buildings and other structures (new and used)	\$1,000.. '31 661
Machinery and equipment (new and used)	\$1,000.. '268 121
Automobiles, trucks, etc., for highway use	\$1,000.. '1 851
Computers and peripheral data processing equipment	\$1,000.. '14 289
All other expenditures for machinery and equipment	\$1,000.. '251 981
Total retirements	\$1,000.. '250 541
Gross value of depreciable assets at end of year	\$1,000.. '5 000 398
Depreciation charges during year	\$1,000.. '358 142
Total rental payments	\$1,000.. 66 668
Buildings and other structures	\$1,000.. 39 322
Machinery and equipment	\$1,000.. 27 346
Total other expenses ⁴	\$1,000.. 352 632
Response coverage ratio ⁵	percent.. 81
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 71 453
Communications services ⁴	\$1,000.. 5 603
Legal services ⁴	\$1,000.. 4 156
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 860
Advertising and promotional services ⁴	\$1,000.. 4 458
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 4 572
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 16 819
Management consulting and administrative services ⁴	\$1,000.. 6 029
Taxes and license fees ⁴	\$1,000.. 31 272
All other expenses ⁴	\$1,000.. 207 411

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)				
327212, Other pressed and blown glass and glassware manufacturing											
All establishments	1	525	29 349	1 140 026	24 171	49 026	858 547	3 024 977	1 662 165	4 773 135	'299 782
Establishments with—											
1 to 4 employees	9	293	548	18 147	432	811	13 334	48 883	20 220	69 217	'1 971
5 to 9 employees	8	71	486	18 127	405	824	14 289	50 848	22 364	73 334	'2 029
10 to 19 employees	7	53	702	26 635	587	1 190	20 398	57 755	35 739	105 742	'3 323
20 to 49 employees	4	31	861	31 095	642	1 300	20 415	73 719	34 083	108 184	'2 879
50 to 99 employees	—	16	1 150	38 156	935	1 930	27 312	106 445	76 572	194 823	'9 724
100 to 249 employees	—	29	4 803	218 717	3 980	8 393	172 973	696 139	309 645	1 007 880	'112 815
250 to 499 employees	1	15	5 528	214 077	4 533	8 946	161 770	459 310	346 602	834 150	'41 996
500 to 999 employees	—	11	7 992	313 251	6 391	13 512	217 349	915 859	423 175	1 372 500	'92 257
1,000 to 2,499 employees	1	6	7 279	261 821	6 266	12 120	210 707	616 019	393 765	1 007 305	'32 788
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	367	1 253	45 228	1 052	2 100	35 328	129 577	56 385	185 935	'5 460

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)				
327212	Other pressed and blown glass and glassware manufacturing	525	29 349	1 140 026	24 171	49 026	858 547	3 024 977	1 662 165	4 773 135	'299 782
3272121	Glass fiber mat, textile-type, made by establishments producing glass.	30	8 321	332 188	7 114	13 863	256 777	949 016	650 408	1 602 433	'121 608
3272123	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers	24	7 920	271 899	6 807	13 586	218 345	659 413	299 178	984 471	'42 600
3272125	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers	24	6 964	299 654	5 433	11 819	212 749	806 413	425 689	1 266 391	'63 106
3272127	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers	28	3 043	135 010	2 374	4 872	95 944	370 980	194 279	577 084	'63 358
3272129	Handmade pressed and blown glassware, made by glass producers	23	1 485	44 071	1 092	2 222	30 213	93 880	24 915	119 035	'2 637

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)
327212	Other pressed and blown glass and glassware manufacturing	2002.. N 1997.. N	X X	X X	4 707 202 5 920 910
3272121	Glass fiber mat, textile-type, made by establishments producing glass	2002.. N 1997.. N	X X	X X	1 539 084 1 939 530
32721211	Glass fiber mat, textile-type, made by establishments producing glass	2002.. N 1997.. N	X X	X X	271 029 354 711
3272121111	Glass fiber mat, textile-type, made by establishments producing glass	2002.. 12 1997.. 7	X X	X X	271 029 354 711
32721212	Other glass fiber, textile-type (including yarn, strand, staple yarn, sliver, roving, chopped strand, and milled glass fiber) made by establishments producing glass	2002.. N 1997.. N	X X	X X	1 268 055 1 571 286
3272121221	Other glass fiber, textile-type (including yarn, strand, staple yarn, sliver, roving, chopped strand, and milled glass fiber) made by establishments producing glass	2002.. 13 1997.. 8	X X	X X	1 268 055 1 571 286
3272121Y	Glass fiber mat, textile-type, made by establishments producing glass, nsk	2002.. N 1997.. N	X X	X X	- 13 533
3272121YVW	Glass fiber mat, textile-type, made by establishments producing glass, nsk	2002.. N 1997.. N	X X	X X	- 13 533
3272123	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers	2002.. N 1997.. N	X X	X X	970 484 989 377
32721231	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers	2002.. N 1997.. N	X X	X X	970 484 989 377
3272123100	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers ¹	2002.. 29 1997.. 18	X X	X X	970 484 989 377
3272125	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers	2002.. N 1997.. N	X X	X X	1 248 851 1 697 238
32721251	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers	2002.. N 1997.. N	X X	X X	1 248 851 1 697 238
3272125100	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers ²	2002.. 17 1997.. 15	X X	X X	1 248 851 1 697 238
3272127	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers	2002.. N 1997.. N	X X	X X	629 964 960 153
32721271	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers	2002.. N 1997.. N	X X	X X	629 964 960 153
3272127100	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers ³	2002.. 32 1997.. 28	X X	X X	629 964 960 153
3272129	Handmade pressed and blown glassware, made by glass producers	2002.. N 1997.. N	X X	X X	117 964 173 923
32721291	Handmade pressed and blown glassware, made by glass producers	2002.. N 1997.. N	X X	X X	117 964 173 923
3272129100	Handmade pressed and blown glassware, made by glass producers ⁴	2002.. 28 1997.. 39	X X	X X	117 964 173 923
327212W	Other pressed and blown glass and glassware manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	200 855 160 689
327212WY	Other pressed and blown glass and glassware manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	200 855 160 689
327212WYVW	Other pressed and blown glass and glassware manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	21 412 19 603
327212WYVY	Other pressed and blown glass and glassware manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	179 443 141 086

¹For additional detail, see Current Industrial Report MA327E, Glassware. Also, this product code is primary to more than one industry. See industry 327215, product code 3272151100.

²For additional detail, see Current Industrial Report MA327E, Glassware. Also, this product code is primary to more than one industry. See industries 327212 and 327215, product codes 3272127100 and 3272153100.

³For additional detail, see Current Industrial Report MA327E, Glassware. Also, this product code is primary to more than one industry. See industries 327212 and 327215, product codes 3272125100 and 3272153100.

⁴For additional detail, see Current Industrial Report MA327E, Glassware. Also, this product code is primary to more than one industry. See industry 327215, product code 3272155100.

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)
3272121	Glass fiber mat, textile-type, made by establishments producing glass	
	United States..... 2002..	1 539 084
	1997..	1 939 530
3272123	Machine-made pressed and blown table, kitchen, art, and novelty glassware, made by glass producers	
	United States..... 2002..	970 484
	1997..	989 377
	California..... 2002..	67 780
	1997..	N
	Pennsylvania..... 2002..	127 837
	1997..	123 520
3272125	Machine-made pressed and blown lighting, automotive, and electronic glassware, made by glass producers	
	United States..... 2002..	1 248 851
	1997..	1 697 238
	Ohio..... 2002..	416 213
	1997..	669 627
	Pennsylvania..... 2002..	398 688
	1997..	724 641
3272127	All other machine-made pressed and blown glassware (including technical and scientific glassware, glass blocks, and lens blanks), made by glass producers	
	United States..... 2002..	629 964
	1997..	960 153
	California..... 2002..	5 061
	1997..	N
3272129	Handmade pressed and blown glassware, made by glass producers	
	United States..... 2002..	117 964
	1997..	173 923
	California..... 2002..	4 155
	1997..	6 453
	Pennsylvania..... 2002..	21 313
	1997..	47 275
	West Virginia..... 2002..	41 994
1997..	62 487	

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)
327212	Other pressed and blown glass and glassware manufacturing		
00900001	Total materials	X	1 141 383
	.....2002..	X	1 202 459
	.....1997..	X	
21232200	Glass sand, all types	X	213 309
	.....2002..	X	215 909
	.....1997..	X	
32518104	Sodium carbonate (soda ash) (58 percent Na2O)	X	36 197
	.....2002..	X	N
	.....1997..	X	
325000A9	Industrial inorganic chemicals (excluding sodium carbonate)	X	107 134
	.....2002..	X	165 951
	.....1997..	X	
32500055	Other chemicals and allied products	X	120 953
	.....2002..	X	121 277
	.....1997..	X	
32721103	Glass (float, sheet and plate)	X	20 282
	.....2002..	X	D
	.....1997..	X	
32721201	Other glass products, including glass tumblers, stemware, and tableware (excluding scrap)	X	26 094
	.....2002..	X	33 413
	.....1997..	X	
32799215	Minerals and earths, ground or otherwise treated	X	71 317
	.....2002..	X	47 495
	.....1997..	X	
32221001	Paperboard containers, boxes, and corrugated paperboard	X	113 397
	.....2002..	X	122 355
	.....1997..	X	
32192001	Wood boxes, pallets, skids, and containers	X	18 843
	.....2002..	X	32 682
	.....1997..	X	
32600015	Fabricated rubber products (excluding tires, tubes, hose, belting, and gaskets)	X	D
	.....2002..	X	N
	.....1997..	X	
32611301	Plastics film and sheet, unsupported	X	D
	.....2002..	X	D
	.....1997..	X	
00190028	Cullet (glass scrap)	X	36 407
	.....2002..	X	26 705
	.....1997..	X	
00970099	All other materials and components, parts, containers, and supplies	X	286 243
	.....2002..	X	371 178
	.....1997..	X	
00971000	Materials, ingredients, containers, and supplies, nsk	X	71 394
	.....2002..	X	60 095
	.....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.