

Consumer, Scientific, Technical, and Industrial Glassware

1998

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Information about the scope of the survey, methodology, explanation of terms and historical notes for this survey may be found in the introduction of the 1997 Manufacturing Profiles, issued August 1999.

Current data are released electronically on Internet for all individual surveys as they become available. Use: <http://www.census.gov/econ/www/manumenu.html>. Individual reports can be accessed by choosing "Current Industrial Reports (CIR's)," clicking on "Report Number Index;" from the "Industrial Products by Numeric Index," choose the survey of interest. Follow the menu to view the PDF file or to download the worksheet file (WK format) to your personal computer.

These data are also available through the U.S. Department of Commerce and STAT-USA Electronic Bulletin Board by subscription. To access, dial 202-482-3870 and follow the prompts to register. Also, you may call 202-482-1986 or 1-800-STAT-USA, for further information. The Internet address is: www.stat-usa.gov/.

NOTE:

Data are now published on the new North American Industry Classification System (NAICS) basis and therefore are not always comparable to the old Standard Industrial Classification (SIC) code. For further information on NAICS, see www.census.gov/epcd/www/naics.html.

Summary of Findings

In 1998, total factory shipments of consumer, scientific, technical, and industrial glassware amounted to \$5,347.9 million, a decrease of 2 percent from the \$5,479.4 million reported in 1997. Establishments manufacturing glassware from glass produced in their own establishment accounted for approximately 69 percent of the total glassware shipments.

Consumer (table, kitchen, art, and novelty) glassware accounted for approximately 31 percent of the total glassware shipments and showed a 3-percent decrease for the 1998 shipments of \$1,661.1 million, from the 1997 level of \$1,716.4 million.

Current
Industrial
Reports

Address inquiries concerning these data to Primary Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Joyce Pomeroy, 301-457-4840.

For mail or fax copies of this publication, please contact the Information Services Center, MCD, Washington, DC 20233-6900, or call 301-457-4673.

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Table 1. Value of Shipments of Consumer, Scientific, Technical and Industrial Glassware: 1994 to 1998
[Millions of dollars]

Product code	Product description	1998	1997	1996	1995	1994
3272123 3272129 3272151 3272155	Table, kitchen, art, and novelty glassware 1/.....	1,661.1	1,716.4	1,805.4	1,837.8	1,747.0
3272125 3272129 3272153 3272155	Lighting and electronic glassware 1/.....	1,650.6	1,727.8	1,620.3	1,589.1	1,523.2
3272127 3272129 3272153 3272155	All other glassware 1/.....	2,025.3	r/ 2,024.1	1,743.5	1,589.7	1,410.7

r/Revised by 5 percent or more from previously published data.

1/The values associated with the product categories represent a compilation of the data reported for establishments in industry 327212 (establishments producing glassware from glass made in the same establishment) and industry 327215 (establishments producing glassware from glass purchased or transferred from other establishments). The product categories presented however are not directly comparable to the corresponding product codes due to the distribution of handmade pressed and blown glassware (product classes 3272129 and 3272155) and distribution of all other machine-made pressed and blown glassware (product class 3272153).

Table 2. Value of Shipments of Consumer, Scientific, Technical and Industrial Glassware by Industry: 1998 and 1997
 [Millions of dollars]

Product code	Product description	Shipments					
		1998			1997		
		Total (all industries)	(NAICS 327212)	All other industries	Total (all industries)	(NAICS 327212)	All other industries
3272123 3272125 3272127 3272129 3272151 3272153 3272155	Consumer, scientific, technical, and industrial glassware.....	5,347.9	3,702.6	1,645.3	r/ 5,479.4	3,803.1	1,676.3
3272123 3272129 3272151 3272155	Table, kitchen, art, and novelty glassware.....	1,661.1	1,103.0	558.1	1,716.4	1,135.5	580.9
3272125 3272129 3272153 3272155	Lighting and electronic glassware.....	1,650.6	1,599.8	50.8	1,727.8	1,683.1	r/ 44.7
3272127 3272129 3272153 3272155	All other glassware.....	2,025.3	991.6	1,033.7	r/ 2,024.1	r/ 976.1	r/ 1,048.0
3272120 3272150	Consumer, scientific, technical, and industrial glassware, n.s.k.....	10.9	8.2	2.7	11.1	8.4	2.7

n.s.k. Not specified by kind. r/Revised by 5 percent or more from previously published data.

Note: Detail may not add to the total because of independent rounding.

Table 3a. Shipments of Consumer Glassware: 1998 and 1997
 [Value in thousands of dollars]

Product code	Product description 1/	Unit of measure	No. of cos.	Total (all industries)		Machine-made /2 (NAICS 327212)		Hand-made /2 (NAICS 327212)	
				Quantity	Value	Quantity	Value	Quantity	Value
1998									
327212X100 327215X100	Table, kitchen, art, and novelty glassware.....	(X).....	(X)	(X)	1,661,139	(X)	961,467	(X)	141,579
327212X101 327215X101	Tumblers (one piece, excluding packers' tumblers).....	M dozens..	21	40,203	282,787	38,874	269,949	(D)	(D)
327212X106 327215X106	Stemware.....	do.....	26	14,948	183,036	(D)	(D)	339	7,009
327212X111 327215X111	Tableware.....	M pieces..	26	185,237	246,227	87,467	91,590	1831	19,119
327212X116 327215X116 327212X121 327215X121	Cookware, ovenware, and kitchenware, including microwave specialty pieces.....	do.....	8	92,902	223,925	25,087	55,877	-	-
327212X126 327215X126	Ornamental, decorative, novelty glassware, and smokers accessories	(X).....	73	(X)	333,085	(X)	144,072	(X)	96,000
327212X131 327215X131	Other table, kitchen, art, novelty glassware	(X).....	27	(X)	(D)	(X)	54,977	(X)	17,767
327212X136 327215X136	Interplant transfers of shipments of partially made glassware to other glassware establishments 3/.....	(X).....	(X)	(X)	(D)	(X)	(D)	(X)	(D)
1997									
327212X100 327215X100	Table, kitchen, art, and novelty glassware.....	(X).....	(X)	(X)	1,716,402	(X)	1,000,608	(X)	134,895
327212X101 327215X101	Tumblers (one piece, excluding packers' tumblers).....	M dozens..	21	41,509	289,792	40,297	278,833	(D)	(D)
327212X106 327215X106	Stemware.....	do.....	26	15,010	185,298	(D)	(D)	322	6,701
327212X111 327215X111	Tableware.....	M pieces..	26	185,101	249,339	r/ 100,450	99,123	1,594	14,914
327212X116 327215X116 327212X121 327215X121	Cookware, ovenware, and kitchenware, including microwave specialty pieces.....	do.....	8	96,182	231,944	26,889	58,722	-	-
327212X126 327215X126	Ornamental, decorative, novelty glassware, and smokers accessories	(X).....	71	(X)	330,299	(X)	143,291	(X)	90,566
327212X131 327215X131	Other table, kitchen, art, novelty glassware	(X).....	27	(X)	(D)	(X)	53,658	(X)	21,010
327212X136 327215X136	Interplant transfers of shipments of partially made glassware to other glassware establishments 3/.....	(X).....	(X)	(X)	(D)	(X)	(D)	(X)	(D)

- Represents zero. D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data. X Not applicable.

1/See text found on p. 5-4 in the 1997 Manufacturing Profiles, issued August 1999, for specific definitions of individual products.

2/Shipments by establishments manufacturing glassware primarily from glass produced in the same establishment.

3/The processing establishments report the finished product on the appropriate lines, in order to avoid duplicate reporting of the same product by separate establishments.

Table 3b. Value of Shipments of Scientific, Technical, and Industrial Glassware: 1998 and 1997
 [Value in thousands of dollars]

Product code	Product description 1/	No. of cos.	1998		1997	
			Total (all industries)	Machine-made 2/ (NAICS 327212)	Total (all industries)	Machine-made 2/ (NAICS 327212)
327212Y100 327215Y100	Lighting, automotive, and electronic glassware.....	(X)	1,650,557	1,599,821	1,727,817	1,683,127
327212Y101 327215Y101	Automotive lighting glassware.....	6	(D)	(D)	(D)	(D)
327212Y106 327215Y106	Searchlight and other lenses.....	5	(D)	(D)	(D)	(D)
327212Y111 327215Y111	Electric light bulb blanks.....	5	172,313	165,336	164,021	r/ 157,562
327212Y116 327215Y116	Tubing and cane for electric light bulbs and fluorescent and neon lighting.....	5	(D)	(D)	(D)	(D)
327212Y121 327215Y121	Electric tube blanks (except television).....	6	6,217	(D)	r/ 7,203	(D)
327212Y126 327215Y126	Television tube blanks and parts; tubing, cane, and glass parts for electronic tubes and devices.....	17	1,028,058	1,021,466	1,095,702	r/ 1,088,177
327212Y131 327215Y131	Bowls and enclosing globes, lamp chimneys, lamp parts, shades reflectors, and torchiers: Interior.....	25	50,855	49,758	52,191	50,868
327212Y136 327215Y136	Exterior.....	11	25,199	21,837	r/ 17,321	14,114
327212Y141 327215Y141	Other lighting and electronic glassware.....	14	22,999	12,651	19,895	r/ 16,502
327212Y146 327215Y146	Interplant transfers and shipments of partially made glassware to other glassware establishments 3/.....	(X)	109,444	103,521	115,204	108,996
327212Z100 327215Z100	Scientific, technical, and industrial glassware.....	(X)	2,025,290	991,550	r/ 2,024,083	r/ 976,122
327212Z101 327215Z101	Tubing, rods, canes, all types (except electrical and electronic).....	23	141,984	111,105	r/ 119,318	90,737
327212Z106 327215Z106	Scientific and laboratory glassware.....	(X)	639,431	305,301	653,561	310,527
327212Z106 327215Z106	Reusable.....	58	339,792	217,353	r/ 347,525	r/ 216,458
327212Z111 327215Z111	Disposable.....	22	299,629	87,948	306,036	r/ 94,069
327212Z116 327215Z116	Technical and industrial glassware.....	61	661,419	257,311	r/ 675,516	r/ 269,641
327212Z121 327215Z121	Ophthalmic lens blanks and optical instruments lens blanks.....	26	171,579	(D)	r/ 162,753	(D)
327212Z126 327215Z126	Other glassware (e.g., radomes, nose cones, nursery bottles, vials, etc.).....	29	304,708	209,376	300,816	r/ 209,694
327212Z131 327215Z131	Interplant transfers and shipments of partially made glassware to other glassware establishments 3/.....	(X)	106,169	(D)	112,119	(D)
3272120000 3272150000	Consumer, scientific, technical, and industrial glassware, n.s.k. 4/.....	(X)	10,870	8,153	11,149	8,353

D Withheld to avoid disclosing data for individual companies. n.s.k. Not specified by kind.
 r/Revised by 5 percent or more over previously published data. X Not applicable.

1/See text found on p. 5-4 in the 1997 Manufacturing Profiles, issued August 1999, for specific definitions of individual products.

2/Shipments by establishments manufacturing glassware primarily from glass produced in the same establishment.

3/The processing establishments report the finished product on the appropriate lines, in order to avoid duplicate reporting of the same product by separate establishments.

4/Not specified by kind (n.s.k.) represents the value of shipments for establishments that did not provide detailed information by type of product. These establishments, typically with less than 5 employees, are not included in the MA327E mailing panel. The value of shipments has been estimated for series MA327E based on the year-to-year rate of change for reporting establishments applied to the previous year's n.s.k. value.

Table 4. Value of Shipments, Exports, Imports and Apparent Consumption of Consumer, Scientific, Technical and Industrial Glassware: 1998 and 1997
[Thousands of dollars]

Product description	Manu- facturers' shipments	Exports of domestic merchandise 1/2/	Percent exports to manufac- turers' shipments	Imports for consumption 1/3/	Apparent consumption 4/	Percent imports to apparent consumption
1998						
Table, kitchen, art, and novelty glassware.....	1,661,139	181,424	10.9	1,053,235	2,532,950	41.6
Searchlight and other lenses.....	(D)	25,569	(D)	5,035	(D)	(D)
Lighting glassware.....	172,313	47,765	27.7	17,681	142,229	12.4
Electronic tube blanks, including TV tube blanks and parts.....	1,028,058	43,311	4.2	232,218	1,216,965	19.1
Lamp chimneys, bowls, shades, globes, parts and other glassware, interior and exterior.....	76,054	12,937	17.0	86,477	149,594	57.8
Glass tubing, rods, and canes, all types (except electrical and electronic).....	141,984	138,097	97.3	133,094	136,981	97.2
Scientific and laboratory glassware, reusable and disposable.....	639,431	141,977	22.2	33,082	530,536	6.2
Ophthalmic lens blanks and optical lens blanks.....	171,579	60,763	35.4	25,709	136,525	18.8
1997						
Table, kitchen, art, and novelty glassware.....	1,716,402	251,715	14.7	979,075	2,443,762	40.1
Searchlight and other lenses.....	(D)	18,417	(D)	3,365	(D)	(D)
Lighting glassware.....	164,021	49,063	29.9	19,334	134,292	14.4
Electronic tube blanks, including TV tube blanks and parts.....	1,095,702	56,015	5.1	280,046	1,319,733	21.2
Lamp chimneys, bowls, shades, globes, parts and other glassware, interior and exterior.....	69,512	14,447	20.8	91,077	146,142	62.3
Glass tubing, rods, and canes, all types (except electrical and electronic).....	119,318	186,984	156.7	132,191	64,525	204.9
Scientific and laboratory glassware, reusable and disposable.....	653,561	155,321	23.8	31,529	529,769	6.0
Ophthalmic lens blanks and optical lens blanks.....	162,753	70,758	43.5	32,624	124,619	26.2

D Withheld to avoid disclosing data for individual companies.

1/For comparison of North American Industry Classification System-based codes, import numbers, and export numbers, see Table 5.

2/Source: U.S. Census Bureau data relating to EM 545, U.S. Exports.

3/Source: U.S. Census Bureau data relating to IM 146, U.S. Imports for Consumption and General Imports.

4/Apparent consumption is derived by subtracting exports from the total of shipments plus imports, including duty.

Table 5. Comparison of North American Industry Classification Product Codes with Schedule B Export Numbers and HTSUSA Import Numbers: 1998

Product code	Product description	Export number 1/	Import number 2/
327212X100 327215X100	Table, kitchen, art and novelty glassware.....	7013.21.0000 7013.29.0000 7013.10.0000 7013.31.0000 7013.32.0000 7013.39.0000 7013.91.0000 7013.99.0000 9505.10.1000	7013.10.1000 7013.10.5000 7013.21.1000 7013.21.2000 7013.21.3000 7013.21.5000 7013.29.0500 7013.29.1000 7013.29.2000 7013.29.3000 7013.29.4000 7013.29.5000 7013.29.6000 7013.31.1000 7013.31.2000 7013.31.3000 7013.31.5000 7013.32.1000 7013.32.2000 7013.32.3000 7013.32.4000 7013.39.1000 7013.39.2000 7013.39.3000 7013.39.4000 7013.39.5000 7013.39.6000 7013.91.1000 7013.91.2000 7013.91.3000 7013.91.5000 7013.99.1000 7013.99.2000 7013.99.3000 7013.99.3500 7013.99.4000 7013.99.5000 7013.99.6000 7013.99.7000 7013.99.8000 7013.99.9000 9505.10.1000

Table 5. Comparison of North American Industry Classification Product Codes with Schedule B Export Numbers and HTSUSA Import Numbers: 1998

Product code	Product description	Export number 1/	Import number 2/
327212Y106 327215Y106	Searchlight and other lenses.....	7014.00.3000 7014.00.5000	7014.00.3000 7014.00.5000
327212Y111 327215Y111	Lighting glassware.....	7011.10.0000	7011.10.1000 7011.10.5000
327212Y121 327215Y121 327212Y126 327215Y126	Electronic tube blanks including TV tube blanks and parts.....	7011.20.0000 7011.90.0000	7011.20.0000 7011.20.1000 7011.20.4000 7011.20.8000 7011.90.0000
327212Y131 327215Y131 327212Y136 327215Y136	Lamp chimneys, bowls, shades, globes, parts and other glassware, interior, and exterior.....	9405.91.0000	9405.91.1000 9405.91.3000 9405.91.4000 9405.91.6040 9405.91.6080
327212Z101 327215Z101	Glass tubing, rods, and canes, all types (except electrical and electronic).....	7002.20.0000 7002.31.0000 7002.32.0000 7002.39.0010 7002.39.0090	7002.20.1000 7002.20.5000 7002.31.0000 7002.32.0000 7002.39.0010 7002.39.0090
327212Z106 327215Z106 327212Z111 327215Z111	Scientific and laboratory glassware, reusable and disposable.....	7017.10.3000 7017.10.6000 7017.20.0000 7017.90.0010 7017.90.0050	7017.10.0000 7017.10.3000 7017.10.6000 7017.20.0000 7017.90.1000 7017.90.5000

Table 5. Comparison of North American Industry Classification Product Codes with Schedule B Export Numbers and HTSUSA Import Numbers: 1998

Product code	Product description	Export number 1/	Import number 2/
327212Z121	Ophthalmic lens blanks and optical instrument		
327215Z121	lens blanks.....	7014.00.2000	7014.00.2000
		7014.00.1000	7014.00.1000
		7015.10.0000	7015.10.0000

1/Source: 1998 edition, Harmonized System-Based Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported from the United States.

2/Source: Harmonized Tariff Schedule of the United States, Annotated (1998).