

Consumer, Scientific, Technical, and Industrial Glassware

1999

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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 1999 total factory shipments of consumer, scientific, technical, and industrial glassware amounted to \$5,425.3 million, a decrease of 2 percent from the \$5,528.0 million reported in 1998. Establishments manufacturing glassware from glass produced in their own establishment accounted for approximately 67 percent of the total glassware shipments.

Consumer (table, kitchen, art, and novelty) glassware accounted for approximately 34 percent of the total glassware shipments and showed a 1 percent increase for the 1999 shipments of \$1,870.7 million, from the 1998 level of \$1,851.8 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: 1995 to 1999
 [Millions of dollars]

Product code	Product description	1999	1998	1997	1996	1995
3272123, 129, 151, 155	Table, kitchen, art, and novelty glassware 1/.....	1,870.7	r/1,851.8	1,716.4	1,805.4	1,837.8
3272125, 129, 153, 155	Lighting and electronic glassware 1/.....	1,505.9	1,646.6	1,727.8	1,620.3	1,589.1
3272127, 129, 153, 155	All other glassware 1/.....	2,037.2	2,018.4	2,024.1	1,743.5	1,589.7

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: 1999 and 1998
 [Millions of dollars]

Product code	Product description	Total (all industries)	1999		1998		
			(NAICS 327212)	All other industries	Total (all industries)	(NAICS 327212)	All other industries
3272123, 125, 127, 129, 151, 153, 155	Consumer, scientific, technical, and industrial glassware.....	5,425.3	3,608.0	1,817.3	5,528.0	3,712.4	r/1,815.6
3272123, 129, 151, 155	Table, kitchen, art, and novelty glassware.....	1,870.7	1,125.9	744.8	r/1,851.8	1,108.0	r/743.8
3272125, 129, 153, 155	Lighting and electronic glassware.....	1,505.9	1,451.6	54.3	1,646.6	1,594.9	51.7
3272127, 129, 153, 155	All other glassware.....	2,037.2	1,021.9	1,015.3	2,018.4	1,001.1	1,017.3
3272120, 150	Consumer, scientific, technical, and industrial glassware, n.s.k.	11.5	8.6	2.9	11.2	8.4	2.8

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: 1999 and 1998
 [Value in thousands of dollars]

Product code	Product description 1/ Unit of measure	No. of cos.	Total (all industries)		Machine-made 2/ (NAICS 327212)		Handmade 2/ (NAICS 327212)		
			Quantity	Value	Quantity	Value	Quantity	Value	
1999									
327212X100, 5X100	Table, kitchen, art, and novelty glassware.....(X).....	(X)	(X)	1,870,712	(X)	985,502	(X)	140,416	
327212X101, 5X101	Tumblers (one piece, excluding packers' tumblers)..... Mil dozens..	21	40,932	298,130	39,724	283,451	(D)	(D)	
327212X106, 5X106	Stemware.....do.....	25	16,512	206,908	(D)	(D)	332	7,370	
327212X111, 5X111	Tableware..... Mil pieces...	23	127,811	262,746	95,066	96,971	1276	15,279	
327212X116, 2X121, 5X116, 5X121	Cookware, ovenware, and kitchenware, including microwave specialty pieces.....do.....	10	46,433	234,615	(D)	(D)	-	-	
327212X126, 5X126	Ornamental, decorative, novelty glassware, and smokers accessories(X).....	64	(X)	348,762	(X)	149,809	(X)	100,199	
327212X131, 5X131	Other table, kitchen, art, novelty glassware(X).....	26	(X)	(D)	(X)	58,971	(X)	15,870	
327212X136, 5X136	Interplant transfers of shipments of partially made glassware to other glassware establishments 3/.....(X).....	(X)	(X)	(D)	(X)	(D)	(X)	(D)	
1998									
327212X100, 5X100	Table, kitchen, art, and novelty glassware.....(X).....	(X)	(X)	r/1,851,772	(X)	959,708	(X)	148,245	
327212X101, 5X101	Tumblers (one piece, excluding packers' tumblers)..... Mil dozens.	22	40,248	283,019	38,874	269,949	(D)	(D)	
327212X106, 5X106	Stemware.....do.....	25	14,948	183,033	(D)	(D)	339	7,009	
327212X111, 5X111	Tableware..... Mil pieces...	25	r/146,505	r/277,906	87,467	91,590	1,831	19,119	
327212X116, 2X121, 5X116, 5X121	Cookware, ovenware, and kitchenware, including microwave specialty pieces.....do.....	8	r/50,153	r/264,963	(D)	(D)	-	-	
327212X126, 5X126	Ornamental, decorative, novelty glassware, and smokers accessories(X).....	69	(X)	334,560	(X)	137,874	(X)	r/102,244	
327212X131, 5X131	Other table, kitchen, art, novelty glassware(X).....	27	(X)	(D)	(X)	54,555	(X)	18,189	
327212X136, 5X136	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 Lighting, Electronic and All Other Glassware: 1999 and 1998
[Value in thousands of dollars]

Product code	Product description 1/	No. of cos.	1999		1998	
			Total (all industries)	Machine-made 2/ (NAICS 327212)	Total (all industries)	Machine-made 2/ (NAICS 327212)
327212Y100, 5Y100	Lighting and electronic glassware.....	(X)	1,505,899	1,451,605	1,646,631	1,594,927
327212Y101, 5Y101	Automotive lighting glassware.....	6	(D)	(D)	(D)	(D)
327212Y106, 5Y106	Searchlight and other lenses.....	4	(D)	(D)	(D)	(D)
327212Y111, 5Y111	Electric light bulb blanks.....	5	171,264	(D)	172,313	(D)
327212Y116, 5Y116	Tubing and cane for electric light bulbs and fluorescent and neon lighting.....	5	(D)	(D)	(D)	(D)
327212Y121, 5Y121	Electric tube blanks (except television).....	6	(D)	(D)	6,217	(D)
327212Y126, 5Y126	Television tube blanks and parts; tubing, cane, and glass parts for electronic tubes and devices.....	16	930,266	922,919	1,028,058	1,021,466
	Bowls and enclosing globes, lamp chimneys, lamp parts, shades reflectors, and torchiers:					
327212Y131, 5Y131	Interior.....	25	52,755	50,051	50,855	49,758
327212Y136, 5Y136	Exterior.....	11	24,851	(D)	25,199	(D)
327212Y141, 5Y141	Other lighting and electronic glassware.....	14	21,752	(D)	r/19,073	(D)
327212Y146, 5Y146	Interplant transfers and shipments of partially made glassware to other glassware establishments 3/.....	(X)	90,765	(D)	109,444	(D)
327212Z100, 5Z100	All other glassware.....	(X)	2,037,152	1,021,935	2,018,355	1,001,061
327212Z101, 5Z101	Tubing, rods, canes, all types (except electrical and electronic).....	21	150,265	(D)	141,984	(D)
327212Z106, 5Z106	Scientific and laboratory glassware.....	(X)	621,323	301,045	622,141	300,369
	Reusable.....	57	328,995	223,669	326,782	217,353
327212Z111, 5Z111	Disposable.....	18	292,328	77,376	295,359	r/83,016
327212Z116, 5Z116	Technical and industrial glassware.....	58	641,856	274,040	662,725	257,311
327212Z121, 5Z121	Ophthalmic lens blanks and optical instruments lens blanks.....	24	150,408	(D)	172,044	(D)
327212Z126, 5Z126	Other glassware (e.g., radomes, nose cones, nursery bottles, vials, etc.).....	28	320,113	221,608	313,292	r/223,354
327212Z131, 5Z131	Interplant transfers and shipments of partially made glassware to other glassware establishments 3/.....	(X)	153,187	(D)	106,169	(D)
3272120000, 50000	Consumer, scientific, technical, and industrial glassware, n.s.k. 4/.....	(X)	11,451	8,578	11,238	8,419

D Withheld to avoid disclosing data for individual companies. n.s.k. Not specified by kind.
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.

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: 1999 and 1998
[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
1999						
Table, kitchen, art, and novelty glassware.....	1,870,712	186,141	9.9	1,167,765	2,852,336	40.9
Searchlight and other lenses.....	(D)	30,939	(D)	3,213	(D)	(D)
Lighting glassware.....	171,264	45,326	26.5	16,949	142,887	11.9
Electronic tube blanks, including TV tube blanks and parts.....	930,266	54,073	5.8	289,835	1,166,028	24.8
Lamp chimneys, bowls, shades, globes, parts and other glassware, interior and exterior.....	77,606	16,792	21.6	84,767	145,581	58.2
Glass tubing, rods, and canes, all types (except electrical and electronic).....	150,265	114,164	76.0	131,296	167,397	78.4
Scientific and laboratory glassware, reusable and disposable.....	621,323	138,782	22.3	34,310	516,851	6.6
Ophthalmic lens blanks and optical lens blanks..	150,408	78,801	52.4	20,577	92,184	22.3
1998						
Table, kitchen, art, and novelty glassware.....	r/1,851,772	181,424	9.8	1,052,235	2,722,583	38.6
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.....	622,141	141,977	22.8	33,082	513,246	6.4
Ophthalmic lens blanks and optical lens blanks..	172,044	60,763	35.3	25,709	136,990	18.8

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

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

2/Source: Census Bureau report EM 545, U.S. Exports.

3/Source: Census Bureau report 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: 1999

Product code	Product description	Export number 1/	Import number 2/
327212X100, 5X100	Table, kitchen, art and novelty glassware.....	7013.21.0000	7013.10.1000
		7013.29.0000	7013.10.5000
		7013.10.0000	7013.21.1000
		7013.31.0000	7013.21.2000
		7013.32.0000	7013.21.3000
		7013.39.0000	7013.21.5000
		7013.91.0000	7013.29.0500
		7013.99.0000	7013.29.1000
		9505.10.1000	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		
327212Y106, 5Y106	Searchlight and other lenses.....	7014.00.3000	7014.00.3000
		7014.00.5000	7014.00.5000

Continued

Table 5. Comparison of North American Industry Classification Product Codes with Schedule B Export Numbers and HTSUSA Import Numbers: 1999

Product code	Product description	Export number 1/	Import number 2/
327212Y111, 5Y111	Lighting glassware.....	7011.10.0000	7011.10.1000 7011.10.5000
327212Y121, 2Y126, 5Y121, 5Y126	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, 2Y136, 5Y131, 5Y136	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, 5Z101	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, 2Z111, 5Z106, 5Z111	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	7017.10.0000 7017.10.3000 7017.10.6000 7017.20.0000 7017.90.1000 7017.90.5000
327212Z121, 5Z121	Ophthalmic lens blanks and optical instrument lens blanks.....	7014.00.2000 7014.00.1000 7015.10.0000	7014.00.2000 7014.00.1000 7015.10.0000

1/Source: 1999 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 (1999).