

(Formerly Series No. MA32A)

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

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. further information. The Internet address is: www.stat-usa.gov/.

Summary of Findings

Production and shipments of flat glass in the United States both amounted to 6.3 billion square feet in 1998. The reported value of shipments was \$1.90 billion. Automotive glass accounted for 28 percent of both total production and total shipments (in square footage) of flat glass for the year.

In 1998, outside customer sales of 4.6 billion square feet accounted for 72.4 percent of the total quantity of shipments and 70.6 percent of the total value of shipments. Exports reported by flat glass manufacturers amounted to 455 million square feet, 7 percent of their total shipments.

Current
Industrial
Reports

Address inquiries concerning these data to Primary Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Susan Sundermann, 301-457-4837.

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. Summary of Flat Glass Shipments and Sales: 1998

Description	Total shipments				Quantity produced and consumed within each company (1,000 sq. ft.)	Inventory (end of year) (1,000 sq. ft.)	Producer price index (1982=100.0)
	Quantity, including produced and consumed (short tons)	Quantity, including produced and consumed (1,000 sq. ft.)	Value in current dollars (\$1,000)	Value in constant dollars 1/ (\$1,000)			
Total flat glass.....	5,081,667	6,306,725	1,904,735	1,977,918	1,735,448	775,673	96.3
Exports 2/.....	391,755	454,969	172,376	178,999	(X)	(X)	96.3
Outside customer sales 3/.....	3,777,982	4,567,578	1,344,432	1,396,087	(X)	(X)	96.3

X Not applicable.

1/Adjustments for price changes were made to the data using the producer price index for flat glass as published by the Bureau of Labor Statistics (BLS).

2/Exports reported by flat glass manufacturers only.

3/Shipments and sales to nonraw glass producing companies.

Table 2. Summary of Production, Shipments, and Inventories of Flat Glass: 1998

Product code	Product description	No. of cos.	Production		Shipments, including quantity produced and consumed within each company		Quantity produced and consumed within each company (1,000 sq.ft.)	Inventory (end of year) (1,000 sq.ft.)
			Total (short tons)	Total (1,000 sq. ft.)	Total (short tons)	Total (1,000 sq. ft.)		
3272111--	Total flat glass.....	6	5,183,920	6,293,045	5,081,667	6,306,725	1,735,448	775,673
	Automotive:							
	Standard greens/blue greens:							
3272111001	Less than 2.9 mm thick.....	5	404,374	736,669	411,533	752,520	(D)	61,251
3272111006	2.9 mm or thicker.....	5	269,145	270,181	254,437	257,450	(D)	41,584
	High performance greens/blue greens/blues:							
3272111011	Less than 2.9 mm thick.....	3	174,289	301,451	164,112	287,056	(D)	43,626
3272111016	2.9 mm or thicker.....	3	184,791	185,428	170,330	173,876	(D)	51,501
	Privacy (high performance uncoated dark gray) and other automotive 1/.....	(X)	251,626	256,529	268,803	281,722	145,570	46,961
3272111021	Privacy (high performance uncoated dark gray) 1/.....	4	(D)	(D)	(D)	(D)	(D)	(D)
3272111026	Other automotive 1/.....	2	(D)	(D)	(D)	(D)	(D)	(D)
	Non-automotive:							
	Pyrolytically coated:							
3272111031	Greens/blue greens/blues.....	3	(D)	(D)	29,824	21,697	(D)	(D)
3272111036	All other non-automotive pyrolytically coated.....	4	(D)	(D)	162,882	169,020	(D)	(D)
	Non-automotive other than pyrolytically coated:							
	Clear:							
3272111041	Less than 5.0 mm thick.....	5	2,329,390	3,339,579	2,253,618	3,362,642	707,099	298,950
3272111046	5.0 mm or thicker.....	5	1,080,132	743,215	1,071,089	743,980	50,783	81,078
	Greens/blue greens/blues:							
3272111051	Less than 5.0 mm thick.....	5	(D)	(D)	16,515	21,537	(D)	(D)
3272111056	5.0 mm or thicker.....	5	75,622	58,354	70,854	49,696	(D)	19,153
	All bronze:							
3272111061	Less than 5.0 mm thick.....	4	25,703	28,566	23,714	29,197	(D)	9,028
3272111066	5.0 mm or thicker.....	4	64,227	46,140	60,002	43,874	(D)	20,210
	All gray and other 2/.....	(X)	102,034	91,440	123,954	112,458	(D)	30,879
3272111071	All gray, less than 5.0 mm thick 2/.....	4	(D)	(D)	(D)	(D)	(D)	(D)
3272111076	All gray, 5.0 mm or thicker 2/.....	4	(D)	(D)	(D)	(D)	(D)	(D)
3272111081	Other, less than 5.0 mm thick 2/.....	3	(D)	(D)	(D)	(D)	(D)	(D)
3272111086	Other, 5.0 mm or thicker 2/.....	3	(D)	(D)	(D)	(D)	(D)	(D)
3272111097	Heat-treated flat glass for non-automotive uses, treated in primary glass manufacturing plants 3/.....	3	291,030	340,811	292,870	341,509	(D)	(D)

D Withheld to avoid disclosing data for individual companies. X Not applicable.

1/Data for "Automotive, Privacy (high performance uncoated dark gray)" and "Automotive, Other automotive" are combined with "Automotive, Privacy (high performance uncoated dark gray) and other automotive" to avoid disclosing data for individual companies.

2/Data for "Non-automotive other than pyrolytically coated: All gray, less than 5.0 mm thick", "All gray, 5.0 mm or thicker", "Other, less than 5.0 mm thick", and "Other, 5.0 mm or thicker" are combined with "All gray and other" to avoid disclosing data for individual companies.

3/Glass reported in this category is included in non-automotive categories above; these data should not be added to arrive at a total for non-automotive or total flat glass.

Note: Data are limited to inventories at manufacturing establishments.

Table 3. Value of Shipments, Exports, and Imports of Flat Glass: 1998
(Thousands of dollars)

Product description	Manufacturers' shipments (f.o.b. plant) 1/	Exports of domestic merchandise (value at port) 2/ 3/	Percent of exports to manufacturers' shipments	Imports for consumption (value at port) 4/	Apparent consumption 5/	Percent imports to apparent consumption
Total flat glass.....	1,904,735	429,251	22.5	199,510	1,674,994	11.9

1/The value of "Manufacturers' shipments" is in current dollars.

2/For a comparison of North American Industry Classification System (NAICS)-based product codes with Schedule B export numbers and HTUSA import numbers, see Table 4.

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

4/Source: Census Bureau report IM 145, U.S. Imports for Consumption.

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

Table 4. Comparison of North American Industry Classification System-based Product Codes with Schedule B Export Numbers and HTSUSA Import Numbers: 1998

Product code	Product description	Export number 1/	Import number 2/
3272111---	Glass--sheet, plate, float	7003.12.0000	7003.12.0000
		7003.19.0000	7003.19.0000
		7004.20.0000	7004.20.1000
			7004.20.2010
			7004.20.2020
			7004.20.5000
		7004.90.0000	7004.90.0500
			7004.90.1000
			7004.90.1500
			7004.90.2000
			7004.90.2510
			7004.90.2520
			7004.90.2550
			7004.90.3010
			7004.90.3020
			7004.90.3050
			7004.90.4000
			7004.90.5000
		7005.10.0000	7005.10.4000
			7005.10.8000
		7005.21.0000	7005.21.1010
			7005.21.1030
			7005.21.2000
		7005.29.0000	7005.29.0410
			7005.29.0450
			7005.29.0810
			7005.29.0850
			7005.29.1410
			7005.29.1450
			7005.29.1810
			7005.29.1850
			7005.29.2500

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).