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## Current Industrial Reports

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**SUMMARY OF FINDINGS.** For the year 2000, 6.7 billion square feet of flat glass were produced

and 6.6 billion square feet of flat glass were shipped. The reported value of shipments was \$2.2 billion. Automotive glass accounted for 27 percent of both production and shipments (in square footage) of flat glass for the year.

In 2000, 5.0 billion square feet of flat glass were shipped out of float glass facilities for sale or further fabrication within a company. These external shipments accounted for 75.5 percent of the total quantity of shipments and 74.0 percent of the total value of shipments. Exports reported by flat glass manufacturers amounted to 403 million square feet, 6.1 percent of their total shipments.

Address inquiries concerning these data to Primary Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Paul Marck, 301-457-4825.

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

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

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



Table 1. Summary of Flat Glass Shipments and Sales: 2000 and 1999

Product description	Shipments (includes quantity produced and consumed within each company)		Value of 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)
	Total (short tons)	Total (1,000 sq ft)	Current dollars (\$1,000)	Constant dollars 1/ (\$1,000)			
2000							
Flat glass.....	5,461,566	6,586,773	2,152,363	2,265,645	r/ 1,313,511	r/ 891,154	95.0
Exports 2/.....	371,486	403,441	154,457	162,586	(X)	(X)	95.0
Outside customer sales 3/.....	4,253,192	5,092,110	1,594,701	1,678,633	(X)	(X)	95.0
1999							
Flat glass.....	5,394,431	6,589,596	2,213,479	2,400,736	1,820,299	797,699	92.2
Exports 2/.....	r/ 309,322	r/ 313,354	r/ 123,055	r/ 133,465	(X)	(X)	92.2
Outside customer sales 3/.....	4,309,398	5,195,712	1,557,452	1,689,210	(X)	(X)	92.2

r/Revised by 5 percent or more from previously published data. 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 2a. Summary of Production, Shipments, and Inventories of Flat Glass: 2000

Product code	Product description	No. of cos.	Production		Shipments (includes 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	Flat glass.....	6	5,618,014	6,677,244	5,461,566	6,586,773	1,313,511	891,154
	Automotive.....	(X)	1,377,065	1,813,287	1,351,129	1,804,043	858,225	272,081
	Standard greens/blue greens.....	(X)	664,907	959,602	671,530	975,615	(D)	107,457
3272111001	Less than 2.9 mm thick.....	5	366,200	657,060	370,574	667,544	(D)	61,251
3272111006	2.9 mm or thicker.....	5	298,707	302,542	300,956	308,071	(D)	46,206
	High performance greens/blue greens/blues.....	(X)	364,107	489,465	353,936	487,722	(D)	83,454
3272111011	Less than 2.9 mm thick.....	3	(D)	(D)	(D)	(D)	(D)	(D)
3272111016	2.9 mm or thicker.....	3	(D)	(D)	(D)	(D)	(D)	(D)
	Privacy (high performance uncoated dark gray) and other automotive .....	(X)	348,051	364,220	325,663	340,706	164,231	81,170
3272111021	Privacy (high performance uncoated dark gray).....	4	(D)	(D)	(D)	(D)	(D)	(D)
3272111026	Other automotive.....	3	(D)	(D)	(D)	(D)	(D)	(D)
	Nonautomotive.....	(X)	4,240,949	r/ 4,863,957	4,110,437	4,782,730	455,286	619,073
	Pyrolytically coated.....	(X)	223,194	214,033	212,645	207,301	(D)	46,128
3272111031	Greens/blue greens/blues.....	3	25,485	16,994	29,579	20,733	(D)	5,507
3272111036	All other nonautomotive pyrolytically coated.....	4	197,709	197,039	183,066	186,568	(D)	40,621
	Nonautomotive other than pyrolytically coated:							
	Clear.....	(X)	3,630,649	4,321,718	3,543,677	4,267,267	436,533	467,457
3272111041	Less than 5.0 mm thick.....	5	2,483,867	3,539,939	2,451,845	3,532,018	380,497	348,120
3272111046	5.0 mm or thicker.....	5	1,146,782	781,779	1,091,832	735,249	56,036	119,337
	Greens/blue greens/blues.....	(X)	118,666	102,164	120,819	107,281	(D)	21,668
3272111051	Less than 5.0 mm thick.....	5	28,892	41,547	29,049	41,095	(D)	7,819
3272111056	5.0 mm or thicker.....	5	89,774	60,617	91,770	66,186	(D)	13,849
	All bronze.....	(X)	106,085	84,147	91,748	74,918	(D)	31,098
3272111061	Less than 5.0 mm thick.....	5	20,390	23,184	18,660	24,660	(D)	9,884
3272111066	5.0 mm or thicker.....	5	85,695	60,963	73,088	50,258	(D)	21,214
	All gray and other.....	(X)	162,355	141,895	141,548	125,963	(D)	52,722
3272111071	All gray, less than 5.0 mm thick.....	5	43,339	55,303	45,769	56,409	(D)	16,814
3272111076	All gray, 5.0 mm or thicker.....	5	(D)	(D)	(D)	(D)	(D)	(D)
3272111081	Other, less than 5.0 mm thick.....	2	(D)	(D)	(D)	(D)	(D)	(D)
3272111086	Other, 5.0 mm or thicker.....	2	(D)	(D)	(D)	(D)	(D)	(D)
3272111097	Heat-treated flat glass for nonautomotive uses, treated in primary glass manufacturing plants 1/.....	3	332,395	382,674	323,513	382,746	(D)	(D)

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

1/Glass reported in this category represents the portion of nonautomotive flat glass that has been heat treated.

Note: Data are limited to inventories at manufacturing establishments.

Table 2b. Summary of Production, Shipments, and Inventories of Flat Glass: 1999

Product code	Product description	No. of cos.	Production		Shipments (includes 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	Flat glass.....	6	5,439,868	6,612,121	5,394,431	6,589,596	r/ 1,393,884	803,014
	Automotive.....	(X)	1,349,785	1,840,660	1,344,991	1,820,635	993,020	265,168
	Standard greens/blue greens.....	(X)	668,588	995,881	665,671	972,914	(D)	125,801
3272111001	Less than 2.9 mm thick.....	5	422,739	742,121	424,739	729,305	(D)	r/ 74,066
3272111006	2.9 mm or thicker.....	5	245,849	253,760	240,932	243,609	(D)	r/ 51,735
	High performance greens/blue greens/blues.....	(X)	376,214	523,635	383,140	537,272	(D)	81,711
3272111011	Less than 2.9 mm thick.....	3	(D)	(D)	204,265	355,665	(D)	(D)
3272111016	2.9 mm or thicker.....	3	(D)	(D)	178,875	181,607	(D)	(D)
	Privacy (high performance uncoated dark gray) and other automotive.....	(X)	304,983	321,144	296,180	310,449	166,038	57,656
3272111021	Privacy (high performance uncoated dark gray).....	4	(D)	(D)	(D)	(D)	(D)	(D)
3272111026	Other automotive.....	4	(D)	(D)	(D)	(D)	(D)	(D)
	Nonautomotive.....	(X)	4,090,083	4,771,461	4,049,440	4,768,961	r/ 400,864	537,846
	Pyrolytically coated.....	(X)	209,680	203,769	207,264	206,479	(D)	39,396
3272111031	Greens/blue greens/blues.....	3	(D)	(D)	34,117	24,969	(D)	9,246
3272111036	All other nonautomotive pyrolytically coated.....	4	(D)	(D)	173,147	181,510	(D)	30,150
	Nonautomotive other than pyrolytically coated:							
	Clear.....	(X)	3,571,342	4,289,628	3,503,172	4,261,240	r/ 378,970	413,006
3272111041	Less than 5.0 mm thick.....	5	2,451,015	3,543,039	2,379,030	3,501,973	r/ 335,007	340,199
3272111046	5.0 mm or thicker.....	5	1,120,327	746,589	1,124,142	759,267	r/ 43,963	72,807
	Greens/blue greens/blues.....	(X)	r/ 114,806	98,755	133,881	120,471	(D)	r/ 26,785
3272111051	Less than 5.0 mm thick.....	5	21,069	26,670	36,221	48,651	(D)	r/ 7,367
3272111056	5.0 mm or thicker.....	5	93,737	72,085	97,660	71,820	(D)	r/ 19,418
	All bronze.....	(X)	66,642	58,878	77,376	66,251	(D)	r/ 21,869
3272111061	Less than 5.0 mm thick.....	5	(D)	(D)	(D)	(D)	(D)	r/ 11,360
3272111066	5.0 mm or thicker.....	5	(D)	(D)	(D)	(D)	(D)	r/ 10,509
	All gray and other.....	(X)	127,613	120,431	127,747	114,520	(D)	r/ 36,790
3272111071	All gray, less than 5.0 mm thick.....	5	(D)	(D)	(D)	(D)	(D)	r/ 17,920
3272111076	All gray, 5.0 mm or thicker.....	5	(D)	(D)	(D)	(D)	(D)	(D)
3272111081	Other, less than 5.0 mm thick.....	3	(D)	(D)	(D)	(D)	(D)	(D)
3272111086	Other, 5.0 mm or thicker.....	3	(D)	(D)	(D)	(D)	(D)	(D)
3272111097	Heat-treated flat glass for nonautomotive uses, treated in primary glass manufacturing plants 1/.....	3	321,060	365,319	315,112	358,519	(D)	(D)

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

1/Glass reported in this category represents the portion of nonautomotive flat glass that has been heat treated.

Note: Data are limited to inventories at manufacturing establishments.

Table 3. Value of Shipments, Exports, and Imports of Flat Glass: 2000 and 1999  
(Thousands of dollars)

Product description	Manufacturers' shipments (f.o.b. plant) 1/	Exports of domestic merchandise 2/ 3/ (value at port)	Percent of exports to manufacturers' shipments	Imports for consumption 4/ (value at port)	Apparent consumption 5/	Percent imports to apparent consumption
2000						
Total flat glass.....	2,152,363	512,475	23.8	182,556	r/ 1,822,444	r/ 10.0
1999						
Total flat glass.....	2,213,479	429,704	19.4	201,554	r/ 1,985,329	r/ 10.2

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

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 HTSUSA 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: 2000**

<b>Product code</b>	<b>Product description</b>	<b>Export number 1/</b>	<b>Import number 2/</b>
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
			7004.90.1000
			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: 2000 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 (2000).