

Summary

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SUMMARY OF FINDINGS. In 2003, production of glass containers in the United States amounted to 244.2 million gross, whereas shipments amounted to 238.4 million gross. In 2002, the total production of glass containers amounted to 248.5 million gross, and the total shipments amounted to 245.3 million gross. Stocks on hand of glass at the end of 2003 totaled 36.4 million gross.

For general CIR information, explanation of general terms and historical note, see the appendix.

Address inquiries concerning these data to Primary Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Myss Sykes-Stephens, 301-763-5163.

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 Shipments, Production, and Stocks of Glass Containers: 2003 and 2002
[Thousands of gross]

Year and month	Seasonally adjusted 1/			Not seasonally adjusted		
	Shipments	Production	Stocks, end-of- month 2/	Shipments	Production	Stocks, end-of- month 2/
2003						
Total.....	(X)	(X)	(X)	238,400	244,151	(X)
December.....	20,337	20,093	36,765	17,766	16,129	36,441
November.....	20,208	20,246	38,548	17,786	19,714	38,941
October.....	20,632	20,318	39,245	20,991	21,387	37,473
September.....	20,443	20,016	39,994	20,629	19,507	37,508
August.....	19,936	20,091	40,841	20,919	20,597	38,925
July.....	19,770	20,315	40,468	21,554	21,360	39,328
June.....	19,704	21,107	40,618	21,229	21,381	39,722
May.....	19,748	20,687	38,970	21,374	21,740	39,786
April.....	19,420	20,541	37,551	20,487	21,183	39,604
March.....	19,315	20,469	36,863	19,191	21,232	39,170
February.....	19,556	20,016	35,369	17,794	19,301	37,215
January.....	19,527	20,701	34,908	18,680	20,620	35,406
2002						
Total.....	(X)	(X)	(X)	245,310	248,514	(X)
December.....	20,567	21,475	34,499	17,534	17,290	34,313
November.....	20,008	20,997	34,165	18,133	21,023	34,533
October.....	19,981	20,500	33,321	20,396	21,434	31,726
September.....	20,005	20,783	32,942	19,333	20,204	30,760
August.....	20,041	20,544	32,414	21,637	21,606	30,388
July.....	20,448	20,781	32,113	22,169	21,926	31,040
June.....	20,157	20,718	31,604	21,449	20,928	30,952
May.....	20,194	20,989	31,454	22,372	22,010	32,087
April.....	20,755	20,455	30,989	21,739	20,800	33,006
March.....	20,882	20,488	35,990	21,144	21,146	38,199
February.....	20,776	20,380	32,308	18,874	19,573	34,193
January.....	21,316	20,519	36,629	20,530	20,574	37,362

X Not applicable.

1/Seasonality was detected in the data; therefore, data are adjusted to extract the effects of seasonality from the original series to reveal the series devoid of seasonal effects.

2/Data are limited to stocks at manufacturing establishments. Prior month end-of-month stocks plus current month production minus current month shipments may not equal current month end-of-month stocks due to breakage, stock adjustments, and resales. Total stocks for the end of a year are shown in December of that year.

Note: One thousand gross = 144,000.

Table 2. Shipments and Production of Glass Containers by Type of Container and End Use: 1999 to 2003
 [Thousands of gross]

Product code	Product description	2003	2002	2001	2000	1999
SHIPMENTS						
	Total 1/.....	238,400	245,310	244,349	246,536	255,619
	By type:					
	Narrow neck 2/3/.....	(NA)	(NA)	(NA)	194,917	200,966
	Wide mouth 2/3/.....	(NA)	(NA)	(NA)	51,619	54,653
	By end use:					
	Food:					
3272130015	Total 4/.....	46,971	47,291	55,193	59,467	63,561
3272130011	Narrow neck 3/.....	(NA)	(NA)	(NA)	7,848	8,908
3272130021	Wide mouth 3/.....	(NA)	(NA)	(NA)	51,619	54,653
	Beverages:					
3272130035	Total 5/.....	19,422	24,087	21,147	(NA)	(NA)
3272130031	Carbonated 3/.....	(NA)	(NA)	(NA)	(D)	(D)
3272130041	Noncarbonated 3/.....	(NA)	(NA)	(NA)	(D)	(D)
3272130051	Beer.....	132,746	129,724	125,350	127,530	126,695
3272130061	Liquor.....	7,884	7,730	7,552	9,806	8,867
3272130065	Ready-to-drink alcoholic coolers and cocktails	8,649	13,688	10,344	(NA)	(NA)
3272130071	Wine.....	12,794	12,042	12,985	14,838	14,377
3272130081	Other 6/.....	9,934	10,748	11,778	(D)	(D)
PRODUCTION						
	Total 1/.....	244,151	248,514	240,515	249,683	258,164
	By type:					
	Narrow neck 2/3/.....	(NA)	(NA)	(NA)	197,693	201,193
	Wide mouth 2/3/.....	(NA)	(NA)	(NA)	51,990	56,971
	By end use:					
	Food:					
3272130015	Total 4/.....	47,245	49,129	54,398	60,084	66,099
3272130011	Narrow neck 3/.....	(NA)	(NA)	(NA)	8,094	9,128
3272130021	Wide mouth 3/.....	(NA)	(NA)	(NA)	51,990	56,971
	Beverages:					
3272130035	Total 5/.....	20,397	22,129	19,486	(NA)	(NA)
3272130031	Carbonated 3/.....	(NA)	(NA)	(NA)	(D)	(D)
3272130041	Noncarbonated 3/.....	(NA)	(NA)	(NA)	(D)	(D)
3272130051	Beer.....	138,664	131,362	124,185	130,924	128,569
3272130061	Liquor.....	7,545	7,916	7,847	9,856	9,751
3272130065	Ready-to-drink alcoholic coolers and cocktails	7,979	14,352	10,416	(NA)	(NA)
3272130071	Wine.....	12,821	12,753	13,027	15,578	15,303
3272130081	Other 6/.....	9,500	10,873	11,156	(D)	(D)

D Withheld to avoid disclosing data for individual companies. NA Not available.

1/Includes exports.

2/Some narrow neck and wide mouth combined categories are included with "Narrow neck containers."

3/Beginning with 1997, data may not be comparable with prior years due to reclassification in the food and beverage categories.

4/For 2001, 2002, and 2003 data for "Narrow neck" and "Wide mouth" food containers were combined into a single "Food, total" container line.

5/For 2001, 2002, and 2003 data for "Carbonated" and "Noncarbonated" beverage containers were combined into a single "Beverage, total" container line.

6/Includes containers for chemical, cosmetic, health, household, industrial, medicinal, and toiletry products.

Note: One thousand gross = 144,000.

Table 3. Shipments, Production, and Stocks of Glass Containers by End Use: 2003
 [Quantity in thousands of gross]

Product code	Product description	Number of production companies	Shipments	Production	Stocks, end-of-month 1/
Total 2003					
	Total 2/.....	(NA)	238,400	244,151	(X)
3272130015	Food 3/.....	(NA)	46,971	47,245	(X)
3272130035	Beverages 4/.....	(NA)	19,422	20,397	(X)
3272130045	Beer.....	(NA)	132,746	138,664	(X)
3272130055	Liquor.....	(NA)	7,884	7,545	(X)
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	(NA)	8,649	7,979	(X)
3272130075	Wine.....	(NA)	12,794	12,821	(X)
3272130081	Other 5/.....	(NA)	9,934	9,500	(X)
January 2003					
	Total 2/.....	10	18,680	20,620	35,406
3272130015	Food 3/.....	6	3,456	3,948	9,543
3272130035	Beverages 4/.....	4	1,544	1,508	4,048
3272130045	Beer.....	6	10,506	12,191	11,711
3272130055	Liquor.....	5	679	629	1,924
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	623	643	1,533
3272130075	Wine.....	4	1,054	890	3,463
3272130081	Other 5/.....	7	818 r/	811	3,184
February 2003					
	Total 2/.....	11	17,794	19,301	37,215
3272130015	Food 3/.....	6	3,157	4,000	10,347
3272130035	Beverages 4/.....	4	1,576	1,472	4,076
3272130045	Beer.....	6	9,970	10,749	12,460
3272130055	Liquor.....	5	610	658	1,966
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	549	560	1,589
3272130075	Wine.....	3	1,120	977	3,314
3272130081	Other 5/.....	6	812 r/	885	3,463
March 2003					
	Total 2/.....	11	19,191	21,232	39,170
3272130015	Food 3/.....	6	3,705	4,440	10,758
3272130035	Beverages 4/.....	3	1,674	1,791	4,468
3272130045	Beer.....	6	10,448	11,981	13,697
3272130055	Liquor.....	5	729	624	1,864
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	3	682	425	1,465
3272130075	Wine.....	4	1,100	1,054	3,359
3272130081	Other 5/.....	6	853 r/	917	3,559

Continued

Table 3. Shipments, Production, and Stocks of Glass Containers by End Use: 2003
 [Quantity in thousands of gross]

Product code	Product description	Number of production companies	Shipments	Production	Stocks, end-of-month 1/
April 2003					
	Total 2/.....	11	20,487	21,183	39,604
3272130015	Food 3/.....	6	3,745	4,000	11,007
3272130035	Beverages 4/.....	3	1,831	1,787	4,460
3272130045	Beer.....	6	11,399	11,880	13,847
3272130055	Liquor.....	5	649	757	1,967
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	880	805	1,525
3272130075	Wine.....	4	1,115	1,016	3,147
3272130081	Other 5/.....	6	868 r/	938	3,651
May 2003					
	Total 2/.....	11	21,374	21,740	39,786
3272130015	Food 3/.....	6	4,138	4,115	10,874
3272130035	Beverages 4/.....	4	1,885	2,062	4,684
3272130045	Beer.....	6	11,917	12,248	13,973
3272130055	Liquor.....	5	649	584	1,938
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	815	775	1,644
3272130075	Wine.....	5	1,098	1,140	3,061
3272130081	Other 5/.....	5	872 r/	816	3,612
June 2003					
	Total 2/.....	11	21,229	21,381	39,722
3272130015	Food 3/.....	6	4,069	3,895	10,557
3272130035	Beverages 4/.....	4	1,891	2,051	4,907
3272130045	Beer.....	6	11,735	12,415	14,399
3272130055	Liquor.....	5	601	486	1,822
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	1,077 r/	695 r/	1,324
3272130075	Wine.....	5	1,054	1,021	3,028
3272130081	Other 5/.....	6 r/	802 r/	818 r/	3,685
July 2003					
	Total 2/.....	11	21,554	21,360	39,328
3272130015	Food 3/.....	6	4,138	4,008	10,387
3272130035	Beverages 4/.....	4	1,809	1,891	5,008
3272130045	Beer.....	6	12,152	12,188	14,232
3272130055	Liquor.....	5	593	619	1,878
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	3	825	716	1,116
3272130075	Wine.....	4	1,180	1,163	3,012
3272130081	Other 5/.....	5 r/	857 r/	775 r/	3,695

Continued

Table 3. Shipments, Production, and Stocks of Glass Containers by End Use: 2003
 [Quantity in thousands of gross]

Product code	Product description	Number of production companies	Shipments	Production	Stocks, end-of-month 1/
August 2003					
	Total 2/.....	11	20,919	20,597	38,925
3272130015	Food 3/.....	6	4,254	4,230	10,290
3272130035	Beverages 4/.....	4	1,821	1,574	4,842
3272130045	Beer.....	6	11,444	11,535	14,276
3272130055	Liquor.....	5	611	635	1,894
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	799	740	1,053
3272130075	Wine.....	5	1,151	1,135	2,961
3272130081	Other 5/.....	7 r/	839 r/	748 r/	3,609
September 2003					
	Total 2/.....	11	20,629	19,507	37,508
3272130015	Food 3/.....	6	4,374	3,856	9,763
3272130035	Beverages 4/.....	4	1,721	1,341	4,441
3272130045	Beer.....	6	11,454	11,188	13,759
3272130055	Liquor.....	5	669	724	1,967
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	3	632	609	1,066
3272130075	Wine.....	4	1,013	1,135	3,027
3272130081	Other 5/.....	6 r/	766 r/	654 r/	3,485
October 2003					
	Total 2/.....	11	20,991	21,387	37,473
3272130015	Food 3/.....	6	4,730	3,846	8,818
3272130035	Beverages 4/.....	3	1,528	2,135	5,014
3272130045	Beer.....	6	11,519	12,099	14,076
3272130055	Liquor.....	5	767	748	1,939
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	603	676	1,156
3272130075	Wine.....	4	1,021	1,191	3,087
3272130081	Other 5/.....	5 r/	823 r/	692 r/	3,383
November 2003					
	Total 2/.....	11	17,786	19,714	38,941
3272130015	Food 3/.....	6	3,458	3,938	9,122
3272130035	Beverages 4/.....	3	1,203	1,449	5,245
3272130045	Beer.....	6	10,259	11,185	14,786
3272130055	Liquor.....	5	647	550	1,836
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	497	676	1,340
3272130075	Wine.....	4	965	1,221	3,262
3272130081	Other 5/.....	6 r/	757 r/	695 r/	3,350

Continued

Table 3. Shipments, Production, and Stocks of Glass Containers by End Use: 2003
 [Quantity in thousands of gross]

Product code	Product description	Number of production companies	Shipments	Production	Stocks, end-of-month 1/
December 2003					
	Total 2/.....	11	17,766	16,129	36,441
3272130015	Food 3/.....	6	3,747	2,969	7,934
3272130035	Beverages 4/.....	3	939	1,336	5,501
3272130045	Beer.....	6	9,943	9,005	13,653
3272130055	Liquor.....	5	680	531	1,675
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	667	659	1,308
3272130075	Wine.....	5	923	878	3,157
3272130081	Other 5/.....	6 r/	867 r/	751 r/	3,213

NA Not available. r/Revised by 5 percent or more from previously published data.
 X Not applicable.

1/Data are limited to stocks at manufacturing establishments. Prior month end-of-month stocks plus current month production minus current month shipments may not equal current month end-of-month stocks due to breakage, stock adjustments, and resales.

2/Includes exports.

3/Data for "Narrow neck" and "Wide mouth" food containers were combined into a single "Food" container line.

4/Data for "Carbonated" and "Noncarbonated" beverage containers were combined into a single "Beverage" container line.

5/Includes containers for chemical, cosmetic, health, household, industrial, medicinal, and toiletry products.

Note: One thousand gross = 144,000. The unit of measure for shipments, production, and stocks is thousands of gross.

Table 4. Shipments, Production, and Stocks of Glass Containers by End Use: 2002
 [Quantity in thousands of gross]

Product code	Product description	Number of production companies	Shipments	Production	Stocks, end-of-month 1/
Total 2002					
	Total 2/.....	(NA)	245,310	248,514	(X)
3272130015	Food 3/.....	(NA)	47,291	49,129	(X)
3272130035	Beverages 4/.....	(NA)	24,087	22,129	(X)
3272130045	Beer.....	(NA)	129,724	131,362	(X)
3272130055	Liquor.....	(NA)	7,730	7,916	(X)
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	(NA)	13,688	14,352	(X)
3272130075	Wine.....	(NA)	12,042	12,753	(X)
3272130081	Other 5/.....	(NA)	10,748	10,873	(X)
January 2002					
	Total 2/.....	10	20,530	20,574	37,362
3272130015	Food 3/.....	5	3,960	4,142	10,278
3272130035	Beverages 4/.....	3	2,007	1,794	4,350
3272130045	Beer.....	4	10,776	11,346	11,594
3272130055	Liquor.....	4	682	546	2,503
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	1,135	880	1,023
3272130075	Wine.....	4	995	1,029	4,127
3272130081	Other 5/.....	6	975	837	3,487
February 2002					
	Total 2/.....	11	18,874	19,573	34,193
3272130015	Food 3/.....	5	3,677	3,976	9,014
3272130035	Beverages 4/.....	3	1,763	1,447	3,966
3272130045	Beer.....	5	10,214	10,615	10,782
3272130055	Liquor.....	4	586	795	2,260
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	801	904	1,182
3272130075	Wine.....	4	904	1,039	3,507
3272130081	Other 5/.....	6	929	797	3,482
March 2002					
	Total 2/.....	11	21,144	21,146	38,199
3272130015	Food 3/.....	5	3,811	4,231	11,084
3272130035	Beverages 4/.....	3	2,213	1,466	3,708
3272130045	Beer.....	5	10,973	10,540	11,361
3272130055	Liquor.....	4	676	825	2,780
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	1,564	1,979	1,409
3272130075	Wine.....	4	944	1,167	4,264
3272130081	Other 5/.....	6	963	938	3,593

Continued

Table 4. Shipments, Production, and Stocks of Glass Containers by End Use: 2002
 [Quantity in thousands of gross]

Product code	Product description	Number of production companies	Shipments	Production	Stocks, end-of-month 1/
April 2002					
	Total 2/.....	11	21,739	20,800	33,006
3272130015	Food 3/.....	5	4,007	4,173	9,240
3272130035	Beverages 4/.....	3	2,565	1,774	3,143
3272130045	Beer.....	5	10,996	10,312	9,704
3272130055	Liquor.....	4	655	618	2,113
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	1,487	1,895	1,497
3272130075	Wine.....	4	1,065	1,208	3,777
3272130081	Other 5/.....	6	964	820	3,532
May 2002					
	Total 2/.....	11	22,372	22,010	32,087
3272130015	Food 3/.....	5	3,892	4,282	9,375
3272130035	Beverages 4/.....	3	2,305	2,024	2,775
3272130045	Beer.....	5	11,631	11,168	9,069
3272130055	Liquor.....	4	658	650	2,046
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	1,815	1,703	1,410
3272130075	Wine.....	4	1,139	1,058	3,762
3272130081	Other 5/.....	6	932	1,125	3,650
June 2002					
	Total 2/.....	11	21,449	20,928	30,952
3272130015	Food 3/.....	5	3,841	4,059	9,243
3272130035	Beverages 4/.....	3	2,446	1,994	2,539
3272130045	Beer.....	5	11,168	10,802	8,408
3272130055	Liquor.....	4	640	657	2,021
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	1,421	1,509	1,460
3272130075	Wine.....	4	1,012	982	3,721
3272130081	Other 5/.....	6	921	925	3,560
July 2002					
	Total 2/.....	11	22,169	21,926	31,040
3272130015	Food 3/.....	5	3,944	4,223	9,277
3272130035	Beverages 4/.....	3	2,704	2,321	2,555
3272130045	Beer.....	5	11,691	11,653	8,580
3272130055	Liquor.....	4	578	638	1,999
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	1,286	1,112	1,394
3272130075	Wine.....	4	1,089	1,073	3,695
3272130081	Other 5/.....	6	877	906	3,540

Continued

Table 4. Shipments, Production, and Stocks of Glass Containers by End Use: 2002
 [Quantity in thousands of gross]

Product code	Product description	Number of production companies	Shipments	Production	Stocks, end-of-month 1/
August 2002					
	Total 2/.....	11	21,637	21,606	30,388
3272130015	Food 3/.....	5	4,255	4,138	8,967
3272130035	Beverages 4/.....	3	2,294	2,218	2,623
3272130045	Beer.....	5	11,171	11,389	8,339
3272130055	Liquor.....	4	688	684	1,957
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	1,163	1,059	1,316
3272130075	Wine.....	4	1,195	1,116	3,609
3272130081	Other 5/.....	6	871	1,002	3,577
September 2002					
	Total 2/.....	11	19,333	20,204	30,760
3272130015	Food 3/.....	5	4,018	4,036	8,821
3272130035	Beverages 4/.....	3	1,602	1,842	3,011
3272130045	Beer.....	5	10,458	10,794	8,490
3272130055	Liquor.....	4	644	713	2,023
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	802	935	1,326
3272130075	Wine.....	4	939	1,061	3,591
3272130081	Other 5/.....	6	870	823	3,498
October 2002					
	Total 2/.....	11	20,396	21,434	31,726
3272130015	Food 3/.....	5	4,626	4,173	8,560
3272130035	Beverages 4/.....	3	1,461	1,927	3,470
3272130045	Beer.....	5	10,899	11,566	9,064
3272130055	Liquor.....	4	738	686	2,011
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	775	1,017	1,573
3272130075	Wine.....	4	1,060	1,094	3,531
3272130081	Other 5/.....	6	837	971	3,517
November 2002					
	Total 2/.....	11	18,133	21,023	34,533
3272130015	Food 3/.....	5	3,443	4,212	9,504
3272130035	Beverages 4/.....	3	1,409	1,769	3,776
3272130045	Beer.....	5	10,276	11,654	10,348
3272130055	Liquor.....	4	625	594	1,957
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	657	746	1,719
3272130075	Wine.....	4	930	1,125	3,680
3272130081	Other 5/.....	6	793	923	3,549

Continued

Table 4. Shipments, Production, and Stocks of Glass Containers by End Use: 2002
 [Quantity in thousands of gross]

Product code	Product description	Number of production companies	Shipments	Production	Stocks, end-of-month 1/
December 2002					
	Total 2/.....	11	17,534	17,290	34,313
3272130015	Food 3/.....	5	3,817	3,484	9,042
3272130035	Beverages 4/.....	3	1,318	1,553	4,107
3272130045	Beer.....	5	9,471	9,523	10,703
3272130055	Liquor.....	4	560	510	2,185
3272130065	Ready-to-drink alcoholic coolers and cocktails.....	4	782	613	1,478
3272130075	Wine.....	4	770	801	3,362
3272130081	Other 5/.....	6	816	806	3,436

NA Not available. X Not applicable.

1/Data are limited to stocks at manufacturing establishments. Prior month end-of-month stocks plus current month production minus current month shipments may not equal current month end-of-month stocks due to breakage, stock adjustments, and resales.

2/Includes exports.

3/Data for "Narrow neck" and "Wide mouth" food containers were combined into a single "Food" container line.

4/Data for "Carbonated" and "Noncarbonated" beverage containers were combined into a single "Beverage" container line.

5/Includes containers for chemical, cosmetic, health, household, industrial, medicinal, and toiletry products.

Note: One thousand gross = 144,000. The unit of measure for shipments, production, and stocks is thousands of gross.

Table 5. Shipments, Exports, Imports, and Apparent Consumption of Glass Containers: 2003 and 2002
 [Thousands of gross]

Year and month	Manufacturers' shipments	Exports of domestic merchandise	Percent exports to manufacturers' shipments	Imports for consumption	Apparent consumption 1/	Percent imports to apparent consumption
2003						
Total.....	238,400	9,077	3.8	30,948	260,271	11.9
December.....	17,766	637	3.6	2,023	19,152	10.6
November.....	17,786	680	3.8	2,055	19,161	10.7
October.....	20,991	727	3.5	2,411	22,675	10.6
September.....	20,629	732	3.5	2,440	22,337	10.9
August.....	20,919	776	3.7	2,475	22,618	10.9
July.....	21,554	798	3.7	3,074	23,830	12.9
June.....	21,229	916	4.3	2,715	23,028	11.8
May.....	21,374	964	4.5	2,768	23,178	11.9
April.....	20,487	868	4.2	3,029	22,648	13.4
March.....	19,191	782	4.1	2,846	21,255	13.4
February.....	17,794	673	3.8	2,278	19,399	11.7
January.....	18,680	524	2.8	2,834	20,990	13.5
2002						
Total.....	245,310	9,914	4.0	32,106	267,502	12.0
December.....	17,534	510	2.9	2,232	19,256	11.6
November.....	18,133	681	3.8	2,524	19,976	12.6
October.....	20,396	780	3.8	2,796	22,412	12.5
September.....	19,333	696	3.6	2,819	21,456	13.1
August.....	21,637	901	4.2	3,109	23,845	13.0
July.....	22,169	855	3.9	3,098	24,412	12.7
June.....	21,449	799	3.7	2,867	23,517	12.2
May.....	22,372	1,155	5.2	2,921	24,138	12.1
April.....	21,739	875	4.0	2,655	23,519	11.3
March.....	21,144	1,010	4.8	2,379	22,513	10.6
February.....	18,874	810	4.3	2,285	20,349	11.2
January.....	20,530	842	4.1	2,421	22,109	11.0

1/Apparent consumption is equal to manufacturers' shipments plus imports minus exports.

Note: One thousand gross = 144,000. Schedule B export codes and HTSUSA import codes are listed in Table 6.

Table 6. Schedule B Export Codes and HTSUSA
Import Codes: 2003

Export code 1/	Import code 2/
7010.10.0000	7010.10.0000
7010.90.0510	7010.90.0510
7010.90.0520	7010.90.0520
7010.90.0530	7010.90.0530
7010.90.0540	7010.90.0540
7010.90.2010	7010.90.2010
7010.90.2020	7010.90.2020
7010.90.2030	7010.90.2030
7010.90.2040	7010.90.2040
7010.90.3010	7010.90.3010
7010.90.3020	7010.90.3020
7010.90.3030	7010.90.3030
7010.90.3040	7010.90.3040
7010.90.5005	7010.90.5005
7010.90.5009	7010.90.5009
	7010.90.5015
	7010.90.5019
	7010.90.5025
7010.90.5027	
	7010.90.5029
	7010.90.5035
7010.90.5037	
	7010.90.5039
	7010.90.5045
7010.90.5047	
	7010.90.5049
	7010.90.5055
7010.90.5057	
7010.90.5060	

1/Source: 2003 edition, Harmonized System-based
Schedule B, Statistical Classification of Domestic and
Foreign Commodities Exported from the United States.

2/Harmonized Tariff Schedule of the United States,
Annotated (2003).

Appendix.

General CIR Survey Information, Explanation of General Terms and Historical Note

GENERAL

The CIR program has been providing monthly, quarterly, and annual measures of industrial activity for many years. Since 1904, with its cotton and fats and oils surveys, the CIR program has formed an essential part of an integrated statistical system involving the quinquennial economic census, manufacturing sector, and the annual survey of manufactures. The CIR surveys, however, provide current statistics at a more detailed product level than either of the other two statistical programs.

The primary objective of the CIR program is to produce timely, accurate data on production and shipments of selected products. The data are used to satisfy economic policy needs and for market analysis, forecasting, and decision making in the private sector. The product-level data generated by these surveys are used extensively by individual firms, trade associations, and market analysts in planning or recommending marketing and legislative strategies, particularly if their industry is significantly affected by foreign trade. Although production and shipments information are the two most common data items collected, the CIR program collects other measures also such as inventories, orders, and consumption. These surveys measure manufacturing activity in important commodity areas such as textiles and apparel, chemicals, primary metals, computer and electronic components, industrial equipment, aerospace equipment, and consumer goods.

The CIR program uses a unified data collection, processing, and publication system. The U.S. Census Bureau updates the survey panels for most reports annually and reconciles the estimates to the results of the broader-based annual survey of manufactures and the economic census, manufacturing sector. The manufacturing sector provides a complete list of all producers of the products covered by the CIR program and serves as the primary source for CIR sampling. Where a small number of producers exist, CIR surveys cover all known producers of a product. However, when the number of producers is too large, cutoff and random sampling techniques are used. Surveys are continually reviewed and modified to provide the most up-to-date information on products produced. The CIR program includes a group of mandatory and voluntary surveys. Typically the monthly and quarterly surveys are conducted on a voluntary basis. Those companies that choose not to respond to the voluntary surveys are required to submit a mandatory annual counterpart corresponding to the more frequent survey.

NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS), 1997

The adoption of the North American Industry Classification System (NAICS) in the 1997 Economic Census has had a major impact on the comparability of current and historic data. Approximately half of the industries in the manufacturing sector of NAICS do not have comparable industries in the Standard Industrial Classification (SIC) system that was used in the past.

While most of the change affecting the manufacturing sector was change within the sector, some industries left manufacturing and others came into manufacturing. Prominent among those that left manufacturing are logging and portions of publishing. Prominent among the industries that came into the manufacturing sector are bakeries, candy stores where candy is made on the premises, custom tailors, makers of custom draperies, and tire retreading. The net effect of the classification changes are such that if the 1997 value of shipments data for all manufacturers were tabulated on an SIC basis, it would be approximately 3 percent higher.

Listed below are the NAICS sectors:

- 21 Mining
- 22 Utilities
- 23 Construction
- 31-33 Manufacturing
- 42 Wholesale Trade
- 44-45 Retail Trade
- 48-49 Transportation and Warehousing
- 51 Information
- 52 Finance and Insurance
- 53 Real Estate and Rental and Leasing
- 54 Professional, Scientific, and Technical Services
- 55 Management of Companies and Enterprises
- 56 Administrative and Support and Waste Management and Remediation Services
- 61 Educational Services
- 62 Health Care and Social Assistance
- 71 Arts, Entertainment, and Recreation
- 72 Accommodation and Food Services
- 81 Other Services (except Public Administration)

(Not listed above are the Agriculture, Forestry, Fishing, and Hunting sector (NAICS 11), partially covered by the census of agriculture conducted by the U.S. Department of Agriculture, and the Public Administration sector (NAICS 92), covered by the census of governments conducted by the Census Bureau.)

The 20 NAICS sectors are subdivided into 96 subsectors (three-digit codes), 313 industry groups (four-digit codes), and, as implemented in the United States, 1170 industries (five- and six-digit codes).

FUNDING

The Census Bureau funds most of the surveys. However, a number of surveys are paid for either fully or partially by other Federal Government agencies or private trade associations. A few surveys are mandated, but all are authorized by Title 13 of the United States Code.

RELIABILITY OF DATA

Survey error may result from several sources including the inability to obtain information about all cases in the survey, response errors, definitional difficulties, differences in the interpretation of questions, mistakes in recording or coding the reported data, and other errors of collection, response, coverage, and estimation. These nonsampling errors also occur in complete censuses. Although no direct measurement of the biases due to these nonsampling errors has been obtained, precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize their influence.

A major source of bias in the published estimates is the imputing of data for nonrespondents, for late reporters, and for data that fail logic edits. Missing figures are imputed based on period-to-period movements shown by reporting firms. A figure is considered to be an impute if the value was not directly reported on the questionnaire, directly derived from other reported items, directly available from supplemental sources, or obtained from the respondent during the analytical review phase. Imputation generally is limited to a maximum of 10 percent for any one data cell. Figures with imputation rates greater than 10 percent are suppressed or footnoted. The imputation rate is not an explicit indicator of the potential error in published figures due to nonresponse, because the actual yearly movements for nonrespondents may or may not closely agree with the imputed movements. The range of difference between the actual and imputed figures is assumed to be small. The degree of uncertainty regarding the accuracy of the published data increases as the percentage of imputation increases. Figures with imputation rates above 10 percent should be used with caution.

DATA REVISIONS

Statistics for previous years may be revised as the result of corrected figures from respondents, late reports for which imputations were originally made, or other corrections. Data that have been revised by more than 5 percent from previously published data are indicated by footnotes.

DISCLOSURE

The Census Bureau collects the CIR data under the authority of Title 13, United States Code, which specifies that the information can only be used for statistical purposes and cannot be published or released in any manner that would identify a person, household, or establishment. "D" indicates that data in the cell have been suppressed to avoid disclosure of information pertaining to individual companies.

EXPLANATION OF GENERAL TERMS

Capacity. The maximum quantity of a product that can be produced in a plant in 1 day if operating for 24 hours. Includes the capacity of idle plants until the plant is reported to be destroyed, dismantled, or abandoned.

Consumption. Materials used in producing or processing a product or otherwise removing the product from the inventory.

Exports. Includes all types of products shipped to foreign countries, or to agents or exporters for reshipment to foreign countries.

Gross shipments. The quantity or value of physical shipments from domestic establishments of all products sold, transferred to other establishments of the same company, or shipped on consignment, whether for domestic or export sale or use. Shipments of products purchased for resale are omitted. Shipments of products made under toll arrangements are included.

Interplant transfers. Shipments to other domestic plants within a company for further assembly, fabrication, or manufacture.

Inventories. The quantity or value of finished goods, work in progress, and materials on hand.

Machinery in place. The number of machines of a particular type in place as of a particular date whether the machinery was used for production, prototype, or sampling, or was idle. Machinery in place includes all machinery set up in operating positions.

Net receipts. Derived by subtracting the materials held at the end of the previous month from the sum of materials used during the current month.

Production. The total volume of products produced, including: products sold; products transferred or added to inventory after adjustments for breakage, shrinkage, and obsolescence, plus any other inventory adjustment; and products that undergo further manufacture at the same establishment.

Quantities produced and consumed. Quantities of each type of product produced by a company for internal consumption within that same company.

Quantity and value of new orders. The sales value of orders received during the current reporting period for products and services to be delivered immediately or at some future date. Also represents the net sales value of contract change documents that increase or decrease the sales value of the orders to which they are related, when the parties concerned are in substantial agreement as to the amount involved. Included as orders are only those that are supported by binding legal documents such as signed contracts or letter contracts.

Quantity and value of shipments. The figures on quantity and value of shipments represent physical shipments of all products sold, transferred to other establishments of the same company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges, and

returns. Shipments to a company's own branches are assigned the same value as comparable appropriate allocation of company overhead and profit. Products bought and resold without further manufacture are excluded.

Stocks. Total quantity of ending finished inventory.

Unfilled orders (backlog). Calculated by adding net new orders and subtracting net sales from the backlog at the end of the preceding year.

HISTORICAL NOTE

Data on glass containers have been collected by the Census Bureau since 1945. Historical data may be obtained from Current Industrial Reports (called Facts for Industry before 1959) available at your local Federal Depository Library.