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Current Industrial Reports

Current data are released electronically on Internet for all individual surveys as they become available. Use: http://www.census.gov/mcd/. Individual reports can be accessed by choosing "Current Industrial Reports (CIR)," clicking on "CIRs by Subsector;" then choose the survey of interest. Follow the menu to view the PDF file or to download the worksheet file (XLS format) to your personal computer.

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

SUMMARY OF FINDINGS: Total quantity of shipments of confectionery products (excluding chewing gum, bubble gum, and chewing gum base) for 2006 was 6,074 million pounds, compared to 6,044 million pounds in 2005, an increase of .5 percent. Total value of shipments of confectionery products (excluding chewing gum, bubble gum, and chewing gum base) for 2006 was \$15,126 million, compared to \$15,137 million in 2005, an decrease of .1 percent.

The quantity of chocolate and chocolate-type confectionery products shipped decreased .2 percent, while the quantity of nonchocolate-type confectionery products increased by 1.6 percent. The value of chocolate-type confectionery products shipped decreased .5 percent, while the value of nonchocolate-type confectionery products increased .8 percent.

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

Address inquiries concerning these data to Consumer Goods Industries Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call Ronanne Vinson, 301-763-7692.

For mail or fax copies of this publication, please contact the Information Services Center, MCD, Washington, DC 20233-6900, or call 301-763-4673.

### USCENSUSBUREAU

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Table 1a. Summary of Manufacturers' Shipments of Confectionery Products: 1999 to 2006 [Quantity in millions of pounds. Value in millions of dollars]

Year	Quantity	Value	Per capita consumption 1/ (pounds)	Per capita consumption 1/ (dollars)
2006	6,474	16,891	25.5	61.1
2005	6,424	16,752	25.4	61.0
2004	6,208	16,465	24.8	60.5
2003	6,247	15,615	24.6	57.6
2002	6,244	15,062	24.0	55.1
2001	6,313	15,143	23.6	54.7
2000	6,665	14,969	25.1	54.8
1999	6,614	14,447	26.0	55.0

1/Source, Table 4, shipments plus imports minus exports divided by population, including armed forces abroad, as of July 1, 2006.

Source of population data: U.S. Census Bureau, Population Division, Table NA-EST2006-01 - Annual population estimates for the United States, including armed forces abroad, as of July 2006 and July 2005. July 2006 population was 299,801,097 and July 2005 population was 296,940,126.

Note: See Table 4 for information on U.S. imports and exports of confectionery products.

Table 1b. Summary of Manufacturers' Shipments of Confectionery Products (Excluding Chewing Gum, Bubble Gum, and Chewing Gum Base): 1999 to 2006 [Quantity in millions of pounds. Value in millions of dollars]

Year	Quantity	Value	Per capita consumption 1/ (pounds)	Per capita consumption 1/ (dollars)
2006	6,074	15,126	23.9	54.9
2005	6,044	15,137	23.9	55.3
2004	5,780	14,636	23.0	53.9
2003	5,799	13,885	22.8	51.2
2002	5,810	13,355	22.2	48.9
2001	5,882	13,458	21.8	48.5
2000	6,258	13,503	23.4	49.3
1999	6,221	13,082	24.3	49.8

1/Source, Table 4, shipments plus imports minus exports divided by population, including armed forces abroad, as of July 1, 2006.

Source of population data: U.S. Census Bureau, Population Division, Table NA-EST2006-01 - Annual population estimates for the United States, including armed forces abroad, as of July 2006 and July 2005. July 2006 population was 299,801,097 and July 2005 population was 296,940,126.

Note: See Table 4 for information on U.S. imports and exports of confectionery products.

Table 2a. Quantity and Value of Shipments of Confectionery Products: 2006 and 2005 [Quantity in thousands of pounds. Value in thousands of dollars]

Durado et de conjustico	20	06	2005		
Product description	Quantity	Value	Quantity	Value	
Shipments	6,473,665	16,890,747	6,424,419	16,751,502	
Chocolate and chocolate-type confectionery  Solid Solid with inclusions Enrobed or molded with candy, fruit, nut or	3,503,419 573,843 225,198	9,894,118 1,474,322 688,255	3,510,331 545,910 222,118	9,943,292 1,366,553 683,473	
granola center	1,338,858 298,335 647,569 419,616	3,720,198 864,552 1,615,022 1,531,769	1,372,881 317,988 626,299 425,135	3,772,650 919,619 1,581,914 1,619,083	
Nonchocolate-type confectionery  Hard candy  Chewy candy, including granola bars  Soft candy  Iced/coated  Panned  Licorice and licorice type.  Nonchocolate type, n.s.k.	2,363,497 569,511 663,759 571,815 6,450 372,097 179,865	4,733,253 1,323,834 1,474,541 887,268 33,465 756,541 257,604	2,327,319 555,649 639,042 555,371 6,898 387,604 182,755	4,695,354 1,308,795 1,466,311 869,846 34,495 765,492 250,415	
Chewing gum, bubble gum, and chewing gum base	399,567	1,764,583	380,620	1,614,118	
Confectionery, n.s.k. 1/	207,182	498,793	206,149	498,738	

<sup>-</sup> Represents zero. D Withheld to avoid disclosing data for individual companies. N.s.k. Not specified by kind.

<sup>1/</sup>Represents estimated data for small companies, typically those with fewer than five employees, that were not included on the mailing panel.

Table 2b. Quantity and Value of Shipments of Nonconfectionery Products: 2006 and 2005 [Quantity in thousands of pounds. Value in thousands of dollars]

Duo diret description	20	06	20	2005		
Product description	Quantity	Value	Quantity	Value		
Shipments	1,928,700	2,165,047	1,906,104	2,152,764		
Chocolate products other than confectionery:						
Baking chocolate (bars or blocks)	21,972	29,066	20,200	27,086		
Chocolate coatings (blocks, wafers, liquid)	281,341	302,275	(S)	(S)		
Chocolate liquor	(D)	(D)	(D)	(D)		
Cocoa butter	(D)	(D)	(D)	(D)		
Compound coatings (blocks, wafers, liquid)	262,103	227,980	261,258	215,849		
Chocolate chips and baking pieces	743,410	1,027,901	696,396	982,012		
Cocoa powder, syrup/toppings, and other	509,718	461,567	524,421	507,577		
Nonconfectionery chocolate n.s.k.	-	-	-	-		

<sup>-</sup> Represents zero.  $\,$  D Withheld to avoid disclosing data for individual companies.  $\,$  N.s.k. Not specified by kind.  $\,$  S Does not meet publication standards.

Table 3. Consumption of Selected Ingredients by the U.S. Confectionery Industry: 2006 and 2005 [Quantity in thousands of pounds. Value in thousands of dollars]

Matariala	200	06	2005		
Materials	Quantity	Value	Quantity	Value	
Materials consumed	(X)	4,214,108	(X)	4,123,157	
Sugar (cane-beet)	2,316,246	672,961	2,378,311	663,634	
Cocoa beans	759,348	664,146	697,292	602,866	
Corn syrup including HFCS and dextrose	1,386,325	173,314	1,397,076	172,559	
Chocolate liquor, imported	(D)	(D)	(D)	(D)	
Chocolate liquor, domestic	(D)	(D)	(D)	(D)	
Cocoa powder composition coatings	25,028	23,666	(S)	(S)	
Cocoa cake or powder	130,542	72,572	126,883	84,301	
Cocoa butter	235,110	452,928	241,620	435,775	
Chocolate coatings, milk	218,295	217,107	216,533	203,951	
Chocolate coatings, other than milk	104,916	101,805	105,812	100,089	
Fats and oils	247,286	127,161	228,503	112,076	
Gum base	(D)	(D)	(D)	(D)	
Milk and milk products	1,040,306	500,464	1,080,422	515,793	
Peanuts, shelled basis	320,689	149,663	328,491	159,517	
Almond kernels	46,145	120,601	53,767	105,952	
Other nuts and nut meats (kernels)	24,502	85,259	33,681	96,854	
Coconut meat	5,424	5,083	5,416	5,219	
Other edible materials 1/	521,510	735,777	502,645	726,073	
Materials, n.s.k.	(X)	2,165	(X)	2,133	

D Withheld to avoid disclosing data for individual companies. N.s.k. Not specified by kind. S Does not meet publication standards. X Not applicable.

1/Includes corn starch, essential oils, eggs and egg products, fruits, jams, and other materials on which specific data were not collected.

Note: Materials such as parts, containers, etc., consumed in the manufacturing process are not reported in this survey. This information is available in the 2002 Economic Census report for industries 311320, 311330, and 311340. Specifically excluded in this report are freight charges and other direct charges incurred by the establishment, fuels consumed, parts, containers, scrap, electric energy purchases, work done by others on materials or parts furnished by other establishments (contract work), and cost of products bought and resold in the same condition.

Table 4. Shipments, Exports, Imports, and Apparent Consumption of Confectionery Products: 2006 and 2005 [Quantity in thousands of kilograms. Value in thousands of dollars]

			Manufac shipm		dom	rts of estic ndise 2/	Percent exp manufact shipme	urers'
Product code 1/	Product description	Year	Quantity	Value	Quantity	Value	Quantity	Value
3113301	Confectionery: Chocolate-type confectionery	2006 2005	1,589,140 1,592,276	9,894,118 9,943,292	127,945 119,773	511,286 453,060	8.1 7.5	5.2 4.6
3113401	Nonchocolate-type confectionery	2006 2005	1,072,075 1,055,665	4,733,253 4,695,354	81,421 86,832	227,367 222,977	7.6 8.2	4.8 4.7
3113404	Chewing gum, sugar and nonsugar	2006 2005	181,242 172,648	1,764,583 1,614,118	12,475 18,354	50,623 56,633	6.9 10.6	2.9 3.5
3113201241	Nonconfectionery: Cocoa butter	2006 2005	(D) (D)	(D) (D)	14,597 14,860	68,231 64,688	(D) (D)	(D) (D)
31132014A1, 15C1	Chocolate coatings (blocks, wafers, liquid) and compound coatings (blocks, wafers, liquid)	2006 2005	246,505 248,421	530,255 503,606	4,919 5,016	10,999 9,497	2.0 2.0	2.1 1.9
3113207471, 1231, 75G1, 76H1	Other chocolate and cocoa products	2006 2005	(D) (D)	(D) (D)	87,615 82,042	202,641 187,037	(D) (D)	(D) (D)
			Import consump			arent ption 5/	Percent imp appare consump	ent
		Year	Quantity	Value 4/	Quantity	Value	Quantity	Value
3113301	Confectionery: Chocolate-type confectionery	2006 2005	171,628 173,775	781,747 765,870	1,632,823 1,646,278	10,164,579 10,256,102	10.5 10.6	7.7 7.5
3113401	Nonchocolate-type confectionery	2006 2005	528,660 507,219	1,296,498 1,198,754	1,519,314 1,476,052	5,802,384 5,671,131	34.8 34.4	22.3 21.1
3113404	Chewing gum, sugar and nonsugar	2006 2005	57,411 55,652	123,600 138,972	226,178 209,946	1,837,560 1,696,457	25.4 26.5	6.7 8.2
3113201241	Nonconfectionery: Cocoa butter	2006 2005	96,455 96,876	397,004 402,427	(D) (D)	(D) (D)	(D) (D)	(D) (D)
31132014A1, 15C1	Chocolate coatings (blocks, wafers, liquid) and compound coatings (blocks, wafers, liquid)	2006 2005	26,947 22,619	34,302 28,516	268,533 266,024	553,558 522,625	10.0 8.5	6.2 5.5
3113207471, 1231, 75G1, 76H1	Other chocolate and cocoa products	2006 2005	484,384 436,554	805,777 757,077	(D) (D)	(D) (D)	(D) (D)	(D) (D)

D Withheld to avoid disclosing data for individual companies.

Note: "Confectionery n.s.k." is excluded from this table.

<sup>1/</sup>For comparison of North American Industry Classification System (NAICS)-based product codes (domestic output), Schedule B export codes, and HTSUSA import codes, see Table 5.

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

<sup>3/</sup>Source: Census Bureau report IM 146, U.S. Imports for Consumption.
4/This dollar value represents the c.i.f. (cost, insurance, and freight) value at first port of entry in the United States.

<sup>5/</sup>Apparent consumption is derived by subtracting exports from the total manufacturers' shipments plus imports.

Table 5. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes, and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
3113301, 3000	Total, chocolate and chocolate-type confectionery products and nonconfectionery chocolate products	1806.31.0040 1806.31.0080 1806.32.1000 1806.32.3550 1806.90.0063 1806.90.0083 1806.90.0093	1806.31.0041 1806.31.0049 1806.31.0080 1806.32.0100 1806.32.0400 1806.32.0600 1806.32.0800 1806.32.1400 1806.32.1600 1806.32.1800 1806.32.5500 1806.32.5500 1806.32.5500 1806.32.6000 1806.32.7000 1806.32.9000 1806.90.0100 1806.90.1000 1806.90.1500 1806.90.1500 1806.90.2500 1806.90.2500 1806.90.2500 1806.90.3500 1806.90.3500 1806.90.3500 1806.90.4500 1806.90.5500 1806.90.5500 1806.90.5500 1806.90.5500 1806.90.5500
3113401	Total, nonchocolate confectionery products	1704.90.3000 1704.90.7000	1704.90.3520 1704.90.3550 1704.90.3590 2106.90.9985
3113404	Chewing gum, sugar and nonsugar	1704.10.0000	1704.10.0000
3113201241	Cocoa butter	1804.00.0000	1804.00.0000
31132014A1, 15C1	Chocolate coatings (blocks, wafers, liquid) and compound coatings (blocks, wafers, liquid)	1806.20.6000	1806.20.6000 1803.10.0000 1803.20.0000 1805.00.0000 1806.10.0500 1806.10.1000 1806.10.1500 1806.10.2200 1806.10.2400 1806.10.2800 1806.10.3400 1806.10.3800

Table 5. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes, and HTSUSA Import Codes: 2006

Product code	Product description	Export code 1/	Import code 2/
31132014A1, 15C1	Chocolate coatings (blocks, wafers, liquid) and compound coatings (blocks, wafers, liquid) (Continued)		1806.10.4300 1806.10.4500 1806.10.5500 1806.10.6500 1806.10.7500 1806.20.2010 1806.20.2090 1806.20.2200 1806.20.2400 1806.20.2600
3113201231, 3113207471, 31132075G1, 31132076H1	Chocolate liquor AND Baking chocolate (bars and blocks) AND Chocolate chips and baking pieces AND Cocoa powder (sweetened and unsweetened), syrup, toppings, and other	1803.10.0000 1803.20.0000 1805.00.0000 1806.10.0000 1806.20.9000	1806.20.2800 1806.20.3400 1806.20.3600 1806.20.3800 1806.20.5000 1806.20.6700 1806.20.7100 1806.20.7500 1806.20.7500 1806.20.7700 1806.20.7800 1806.20.7900 1806.20.8100 1806.20.8200 1806.20.8900 1806.20.9900 1806.20.9900

1/Source: 2006 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 (2006).

## 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 Foodservices
- 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 5percent 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 confectionery products have been collected by the Census Bureau since1926. In 1989, data tables showing the quantity and value of shipments of chocolate and nonchocolate-type confectionery, by type of product and package, were discontinued. Also discontinued in 1989 were data showing the sales and resales of confectionery by type of customer.

Starting with the 1990 report, data showing the quantity and value of shipments by type of product of other chocolate products (nonconfectionery) were added. Starting with the 1993 report, data for chewing gum were added.

Historical data may be obtained from Current Industrial Reports (called Facts for Industry before 1959) available at your local Federal Depository Library.