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 nonchocolatetype 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.

Table la. 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 l/ (pounds) | Per capita consumption l/ (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 l, 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 lb. 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 <br> consumption $1 /$ <br> (pounds) | Per capita <br> consumption l/ |
| :---: | ---: | ---: | ---: | ---: |
| (dollars) |  |  |  |  |

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]

$$
20062005
$$

| Product description | 2006 |  | 2005 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value | Quantity | Value |
| Shipments........................................................... | 6,473,665 | 16,890,747 | 6,424,419 | 16,751,502 |
| Chocolate and chocolate-type confectionery. | 3,503,419 | 9,894,118 | 3,510,331 | 9,943,292 |
| Solid. | 573,843 | 1,474,322 | 545,910 | 1,366,553 |
| Solid with inclusions. | 225,198 | 688,255 | 222,118 | 683,473 |
| Enrobed or molded with candy, fruit, nut or granola center. | 1,338,858 | 3,720,198 | 1,372,881 | 3,772,650 |
| Enrobed or molded with bakery product center................ | 298,335 | 864,552 | 317,988 | 919,619 |
| Panned. | 647,569 | 1,615,022 | 626,299 | 1,581,914 |
| Assortments and other | 419,616 | 1,531,769 | 425,135 | 1,619,083 |
| Chocolate type, n.s.k. | - |  |  |  |
| Nonchocolate-type confectionery | 2,363,497 | 4,733,253 | 2,327,319 | 4,695,354 |
| Hard candy.. | 569,511 | 1,323,834 | 555,649 | 1,308,795 |
| Chewy candy, including granola bars | 663,759 | 1,474,541 | 639,042 | 1,466,311 |
| Soft candy... | 571,815 | 887,268 | 555,371 | 869,846 |
| Iced/coated. | 6,450 | 33,465 | 6,898 | 34,495 |
| Panned. | 372,097 | 756,541 | 387,604 | 765,492 |
| Licorice and licorice type............................................. | 179,865 | 257,604 | 182,755 | 250,415 |
| Nonchocolate type, n.s.k. | - |  |  |  |
| Chewing gum, bubble gum, and chewing gum base............. | 399,567 | 1,764,583 | 380,620 | 1,614,118 |
| Confectionery, n.s.k. l/................................................... | 207,182 | 498,793 | 206,149 | 498,738 |

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

1/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]

| Product description | 2006 |  | 2005 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 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. .......................... | - | - | - |  |

- 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]

$$
2006 \quad 2005
$$

Materials

| 促 | 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.
l/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]

|  |  |  | Manufacturers' shipments |  | Exports of domestic merchandise 2/ |  | Percent exports to manufacturers' shipments |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Product code 1/ | Product description | Year | Quantity | Value | Quantity | Value | Quantity | Value |
| 3113301 | Confectionery: |  |  |  |  |  |  |  |
|  | Chocolate-type confectionery........................... | 2006 | 1,589,140 | 9,894,118 | 127,945 | 511,286 | 8.1 | 5.2 |
|  |  | 2005 | 1,592,276 | 9,943,292 | 119,773 | 453,060 | 7.5 | 4.6 |
| 3113401 | Nonchocolate-type confectionery...................... | 2006 | 1,072,075 | 4,733,253 | 81,421 | 227,367 | 7.6 | 4.8 |
|  |  | 2005 | 1,055,665 | 4,695,354 | 86,832 | 222,977 | 8.2 | 4.7 |
| 3113404 | Chewing gum, sugar and nonsugar................... | 2006 | 181,242 | 1,764,583 | 12,475 | 50,623 | 6.9 | 2.9 |
|  |  | 2005 | 172,648 | 1,614,118 | 18,354 | 56,633 | 10.6 | 3.5 |
| 3113201241 | Nonconfectionery:Cocoa butter..... |  |  |  |  |  |  |  |
|  |  | 2006 | (D) | (D) | 14,597 | 68,231 | (D) | (D) |
|  |  | 2005 | (D) | (D) | 14,860 | 64,688 | (D) | (D) |
| $\begin{aligned} & 31132014 \mathrm{Al}, \\ & 15 \mathrm{Cl} \end{aligned}$ | Chocolate coatings (blocks, wafers, liquid) and compound coatings (blocks, wafers, liquid). $\qquad$ |  |  |  |  |  |  |  |
|  |  | 2006 | 246,505 | 530,255 | 4,919 | 10,999 | 2.0 | 2.1 |
|  |  | 2005 | 248,421 | 503,606 | 5,016 | 9,497 | 2.0 | 1.9 |
| 3113207471, | Other chocolate and cocoa products................. | 2006 | (D) | (D) | 87,615 | 202,641 | (D) | (D) |
| 1231, 75G1, |  | 2005 | (D) | (D) | 82,042 | 187,037 | (D) | (D) |

76 Hl
Imports for
consumption $3 /$

Apparent
consumption 5/
Percent imports to

|  |  | Year | Quantity | Value 4/ | Quantity | Value | Quantity | Value |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Confectionery: |  |  |  |  |  |  |  |  |
| 3113301 | Chocolate-type confectionery........................... | 2006 | 171,628 | 781,747 | 1,632,823 | 10,164,579 | 10.5 | 7.7 |
|  |  | 2005 | 173,775 | 765,870 | 1,646,278 | 10,256,102 | 10.6 | 7.5 |
| 3113401 | Nonchocolate-type confectionery...................... | 2006 | 528,660 | 1,296,498 | 1,519,314 | 5,802,384 | 34.8 | 22.3 |
|  |  | 2005 | 507,219 | 1,198,754 | 1,476,052 | 5,671,131 | 34.4 | 21.1 |
| 3113404 | Chewing gum, sugar and nonsugar................... | 2006 | 57,411 | 123,600 | 226,178 | 1,837,560 | 25.4 | 6.7 |
|  |  | 2005 | 55,652 | 138,972 | 209,946 | 1,696,457 | 26.5 | 8.2 |
| Nonconfectionery: |  |  |  |  |  |  |  |  |
| 3113201241 | Cocoa butter. | 2006 | 96,455 | 397,004 | (D) | (D) | (D) | (D) |
|  |  | 2005 | 96,876 | 402,427 | (D) | (D) | (D) | (D) |
| $\begin{aligned} & 31132014 \mathrm{Al}, \\ & 15 \mathrm{Cl} \end{aligned}$ | Chocolate coatings (blocks, wafers, liquid) and compound coatings (blocks, wafers, liquid). $\qquad$ |  |  |  |  |  |  |  |
|  |  | 2006 | 26,947 | 34,302 | 268,533 | 553,558 | 10.0 | 6.2 |
|  |  | 2005 | 22,619 | 28,516 | 266,024 | 522,625 | 8.5 | 5.5 |
| $\begin{aligned} & 3113207471, \\ & 1231,75 \mathrm{Gl}, \\ & 76 \mathrm{Hl} \end{aligned}$ | Other chocolate and cocoa products.. | 2006 | 484,384 | 805,777 | (D) | (D) | (D) | (D) |
|  |  | 2005 | 436,554 | 757,077 | (D) | (D) | (D) | (D) |

D Withheld to avoid disclosing data for individual companies.
1/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.

2/Source: Census Bureau report EM 545, U.S. Exports.
3/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.
5/Apparent consumption is derived by subtracting exports from the total manufacturers' shipments plus imports.
Note: "Confectionery n.s.k." is excluded from this table.

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/ |
| :---: | :---: | :---: | :---: |
| $\begin{gathered} 3113301, \\ 3000 \end{gathered}$ | Total, chocolate and chocolate-type confectionery products | 1806.31.0040 | 1806.31.0041 |
|  | and nonconfectionery chocolate products..................................... | 1806.31.0080 | 1806.31.0049 |
|  |  | 1806.32.1000 | 1806.31.0080 |
|  |  | 1806.32.3550 | 1806.32.0100 |
|  |  | 1806.90.0063 | 1806.32.0400 |
|  |  | 1806.90 .0073 | 1806.32.0600 |
|  |  | 1806.90 .0083 | 1806.32.0800 |
|  |  | 1806.90.0093 | 1806.32.1400 |
|  |  |  | 1806.32.1600 |
|  |  |  | 1806.32.1800 |
|  |  |  | 1806.32.3000 |
|  |  |  | 1806.32.5500 |
|  |  |  | 1806.32.6000 |
|  |  |  | 1806.32.7000 |
|  |  |  | 1806.32.8000 |
|  |  |  | 1806.32.9000 |
|  |  |  | 1806.90.0100 |
|  |  |  | 1806.90.0500 |
|  |  |  | 1806.90.0800 |
|  |  |  | 1806.90.1000 |
|  |  |  | 1806.90.1500 |
|  |  |  | 1806.90.1800 |
|  |  |  | 1806.90.2000 |
|  |  |  | 1806.90.2500 |
|  |  |  | 1806.90.2800 |
|  |  |  | 1806.90.3000 |
|  |  |  | 1806.90.3500 |
|  |  |  | 1806.90.3900 |
|  |  |  | 1806.90.4500 |
|  |  |  | 1806.90.4900 |
|  |  |  | 1806.90.5500 |
|  |  |  | 1806.90.5900 |
|  |  |  | 1806.90.9011 |
|  |  |  | 1806.90.9019 |
|  |  |  | 1806.90.9090 |
| 3113401 | Total, nonchocolate confectionery products................................... | 1704.90.3000 | 1704.90.3520 |
|  |  | 1704.90.7000 | 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 |
| $\begin{aligned} & 31132014 \mathrm{Al}, \\ & 15 \mathrm{Cl} \end{aligned}$ | Chocolate coatings (blocks, wafers, liquid) and compound coatings (blocks, wafers, liquid). $\qquad$ | 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 Product description
code
31132014 Al , Chocolate coatings (blocks, wafers, liquid) and compound 15C1 coatings (blocks, wafers, liquid) (Continued). $\qquad$
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, Chocolate liquor AND
3113207471 , Baking chocolate (bars and blocks) AND
31132075G1, Chocolate chips and baking pieces AND
31132076 Hl Cocoa powder (sweetened and unsweetened), syrup, toppings, and other. $\qquad$ 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
1806.20.7300
1806.20.7500
1806.20.7700
1806.20.7800
1806.20.7900
1806.20.8100
1806.20.8200
1806.20.8700
1806.20.8900
1806.20.9100
1806.20.9400
1806.20.9500
1806.20.9800
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).

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.

