

Gloves and Mittens: 2002

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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 (WK 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.

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 Catherine Knudsen, 301-763-4642.

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

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

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Table 1. Quantity and Value of Shipments of Gloves and Mittens: 2002 and 2001
[Quantity in thousand dozen pairs. Value in thousands of dollars]

Product description	2002		2001	
	Quantity	Value	Quantity	Value
Gloves and mittens.....	49,194	345,053	76,272	458,135
All fabrics gloves and mittens.....	19,983	158,966	23,077	r/ 207,358
All leather and leather and fabrics combination gloves and mittens.....	(D)	(D)	(D)	(D)
All plastics gloves.....	(D)	(D)	(D)	(D)
All rubber gloves.....	28,331	124,094	47,276	168,823
Of total:				
Dress/casual gloves and mittens.....	160	7,672	169	8,594
Work/chore gloves and mittens.....	49,034	337,381	76,103	449,541

D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

Table 2. Quantity and Value of Shipments of Gloves and Mittens: 2002 and 2001
[Quantity in thousand dozen pairs. Value in thousands of dollars]

Product description	2002		2001	
	Quantity	Value	Quantity	Value
All fabrics gloves and mittens.....	19,983	158,966	23,077	r/ 207,358
Woven fabrics gloves and mittens.....	1,948	26,755	2,092	31,379
Impregnated with rubber or plastics.....	178	2,597	213	3,199
Greater than 50 percent plastics or rubber..	(D)	(D)	(D)	(D)
Cotton.....	137	2,151	173	2,701
Manmade.....	-	-	-	-
Other.....	(D)	(D)	(D)	(D)
Nonimpregnated.....	1,770	24,158	1,879	28,180
Cotton..... a/	1,601	a/ 21,501	b/ 1,569	b/ 22,934
Manmade.....	(D)	(D)	(D)	(D)
Wool.....	(D)	(D)	(D)	(D)
Other.....	(D)	(D)	(D)	(D)
Knit fabrics gloves and mittens.....	18,035	132,211	20,985	r/ 175,979
Impregnated with rubber or plastics.....	3,124	50,777	3,952	70,829
Greater than 50 percent plastics or rubber..	(D)	(D)	1,976	40,073
Cotton.....	(D)	(D)	(D)	(D)
Manmade.....	(D)	(D)	(D)	(D)
Other.....	(D)	(D)	(D)	(D)
Nonimpregnated.....	14,911	81,434	17,033	r/ 105,150
Cotton.....	12,736	60,262	14,591	r/ 87,299
Terry/looped pile.....	249	a/ 3,638	b/ 2,776	a/ 29,228
Jersey, brushed, napped..... b/	353	a/ 2,140	b/r/ 449	a/r/ 4,887
Lisle (no nap or brush).....	(D)	(D)	(D)	(D)
Other.....	(D)	(D)	(D)	(D)
Manmade..... b/	1,821	a/ 15,181	a/ 2,254	a/r/ 13,887
Wool.....	(D)	(D)	(D)	(D)
Other.....	(D)	(D)	(D)	(D)
Leather and fabrics combination gloves.....	(D)	(D)	(D)	(D)
All leather gloves and mittens.....	408	50,376	538	61,258
All grain leather.....	290	33,665	410	43,969
All split leather.....	88	33,666	r/ 92	12,750
All other leather..... a/	30	a/ 4,167	36	4,539
All plastics gloves.....	(D)	(D)	(D)	(D)
Medical and surgical.....	-	-	-	-
All other.....	(D)	(D)	(D)	(D)
All rubber gloves.....	28,331	124,094	47,276	168,823
Medical and surgical.....	(D)	(D)	(D)	(D)
All other.....	(D)	(D)	(D)	(D)

- Represents zero. D Withheld to avoid disclosing data for individual companies. r/Revised by 5 percent or more from previously published data.

Note: Percent of estimation for each item is indicated as follows: a/10 to 25 percent of this item is estimated. b/26 to 50 percent of this item is estimated. c/Over 50 percent of this item is estimated.

Table 3. Shipments, Exports, Imports, and Apparent Consumption of Gloves and Mittens: 2002 and 2001
[Quantity is thousand dozen pairs. Value and import duty in thousands of dollars]

Product code	Product description	Manufacturers' shipments		Exports of domestic merchandise 1/		Percent exports to manufacturers' shipments		Imports for consumption 2/		Apparent consumption 4/		Percent imports to apparent consumption	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value 3/	Quantity	Value	Quantity	Value
2002													
3159921	Knitted, not coated or impregnated gloves and mittens.....	14,911	81,434	968	10,249	6.5	12.6	55,159	216,299	69,102	287,484	79.8	75.2
3159921	Knitted, plastics or rubber, coated or impregnated gloves and mittens.....	3,124	50,777	1,801	23,463	57.7	46.2	14,803	112,861	16,126	140,175	91.8	80.5
3159921	Woven, nonimpregnated gloves and mittens.....	1,770	24,158	446	6,008	25.2	24.9	7,938	41,425	9,262	59,575	85.7	69.5
3159921	Woven impregnated gloves and mittens.....	178	2,597	(S)	(S)	(S)	(S)	1,451	7,215	(S)	(S)	(S)	(S)
3159923, 25	All leather and leather and fabrics combination gloves and mittens.....	(D)	(D)	302	5,681	(D)	(D)	16,979	308,471	(D)	(D)	(D)	(D)
3262995	Rubber, surgical and medical gloves.....	(D)	(D)	984	8,512	(D)	(D)	126,594	212,783	(D)	(D)	(D)	(D)
3262995	Rubber, other gloves.....	(D)	(D)	3,584	27,785	(D)	(D)	212,000	193,323	(D)	(D)	(D)	(D)
3261996	Plastics gloves, including surgical, medical, and other.....	(D)	(D)	5,640	31,308	(D)	(D)	934,449	315,969	(D)	(D)	(D)	(D)
2001													
3159921	Knitted, not coated or impregnated gloves and mittens.....	17,033	105,150	851	10,011	5.0	9.5	50,537	225,849	66,719	320,988	75.7	70.4
3159921	Knitted, plastics or rubber, coated or impregnated gloves and mittens.....	3,952	70,829	1,853	30,682	46.9	43.3	12,648	105,787	14,747	145,934	85.8	72.5
3159921	Woven, nonimpregnated gloves and mittens.....	1,879	28,180	744	9,035	39.6	32.1	9,396	50,105	10,531	69,250	89.2	72.4
3159921	Woven impregnated gloves and mittens.....	213	3,199	(S)	(S)	(S)	(S)	1,531	7,699	(S)	(S)	(S)	(S)
3159923, 25	All leather and leather and fabrics combination gloves and mittens.....	(D)	(D)	272	5,910	(D)	(D)	16,243	321,394	(D)	(D)	(D)	(D)
3262995	Rubber, surgical and medical gloves.....	(D)	(D)	27,141	52,308	(D)	(D)	155,466	164,754	(D)	(D)	(D)	(D)
3262995	Rubber, other gloves.....	(D)	(D)	3,741	30,220	(D)	(D)	774,845	259,835	(D)	(D)	(D)	(D)
3261996	Plastics gloves, including surgical, medical, and other.....	(D)	(D)	5,931	29,703	(D)	(D)	658,639	215,993	(D)	(D)	(D)	(D)

D Withheld to avoid disclosing data for individual companies. S Does not meet publication standards.

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

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

3/Dollar value represents the c.i.f. (cost, insurance, freight) value at first port of entry in the United States plus U.S. import duties.

4/Apparent consumption represents new domestic supply and is derived by subtracting exports from the total of manufacturers' shipments plus imports.

**Table 4. Comparison of North American Industry Classification System (NAICS)-Based
Product Codes with Schedule B Export Codes, and HSTUSA Import Codes: 2002**

Product code 1/	Product description	Export code 2/	Import codes 2/
3159921	Knitted not coated or impregnated gloves or mittens.....	6116.91.0000	6116.91.0000
		6116.92.0000	6116.92.6410
		6116.93.0000	6116.92.6420
		6116.99.0000	6116.92.6430
			6116.92.6440
			6116.92.7450
			6116.92.7460
			6116.92.7470
			6116.92.8800
			6116.92.9400
			6116.93.6400
			6116.93.7400
			6116.93.8800
			6116.93.9400
			6116.99.4800
			6116.99.5400
			6116.99.7500
			6116.99.9510
			6116.99.9520
			6116.99.9530
			6116.99.9560
3159921	Knitted, plastics, or rubber, coated or impregnated gloves and mittens.....	6116.10.0000	6116.10.1300
			6116.10.1720
			6116.10.1730
			6116.10.1740
			6116.10.4400
			6116.10.4810
			6116.10.4820
			6116.10.4830
			6116.10.5510
			6116.10.5520
			6116.10.5530
			6116.10.6500
			6116.10.7510
			6116.10.7520
			6116.10.7530
			6116.10.9500

Continued

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes, and HSTUSA Import Codes: 2002

Product code 1/	Product description	Export code 2/	Import codes 2/
3159921	Woven, nonimpregnated gloves and mittens.....	6216.00.3500	6216.00.3800
		6216.00.4000	6216.00.4100
		6216.00.5000	6216.00.5410
		6216.00.6000	6216.00.5420
			6216.00.5810
			6216.00.5820
			6216.00.8000
			6216.00.9000
3159921	Woven impregnated gloves and mittens.....	6216.00.0800	6216.00.1300
			6216.00.1720
			6216.00.1730
			6216.00.1740
			6216.00.1900
			6216.00.2110
			6216.00.2120
			6216.00.2130
			6216.00.2410
			6216.00.2425
			6216.00.2430
			6216.00.2600
			6216.00.2910
			6216.00.2925
			6216.00.2930
			6216.00.3100
3159923, 25	All leather and leather and fabrics combination gloves and mittens.....	4203.29.0000	4203.29.0500
			4203.29.0800
			4203.29.1500
			4203.29.1800
			4203.29.2000
			4203.29.3010
			4203.29.3020
			4203.29.4000
			4203.29.5000
3262995	Rubber, medical, and surgical gloves.....	4015.11.0100	4015.11.0110

Continued

Table 4. Comparison of North American Industry Classification System (NAICS)-Based Product Codes with Schedule B Export Codes, and HSTUSA Import Codes: 2002

Product code 1/	Product description	Export code 2/	Import codes 2/
3262995	Rubber, other gloves.....	4015.19.0002	4015.19.1010 4015.19.1050 4015.19.5000
3261996	Plastics gloves, medical, surgical, and other.....	3926.20.1010 3926.20.1060 3926.20.4000	3926.20.1010 3926.20.1020 3926.20.1050 3926.20.4010 3629.20.4050

1/Source: 2002 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 (2002).

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 gloves and mittens have been collected since 1923. Historical data may be obtained from Current Industrial Reports (called Facts for Industry before 1959) available at your local Federal Depository Library.