

Exports from Manufacturing Establishments: 2003

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GENERAL DESCRIPTION

This report, "Exports from Manufacturing Establishments," includes estimates for the value of manufactured exports and related employment. Export estimates include both "direct" exports (exports manufactured in the United States (U.S.) and consumed in foreign markets) and supporting shipments (intermediate goods and services required to manufacture exported goods). The report includes estimates for state and national totals for direct exports, supporting shipments and related employment for the manufacturing sector. For manufactured goods, the report includes state estimates for each 3-digit North American Industry Classification System (NAICS) subsector (e.g., NAICS 311, "Food"). In addition, supporting employment associated with manufactured exports is provided for each major economic sector. The data in this report also include estimates of employment associated with transporting manufactured goods for export from the plant of manufacture to the port of export.

It should be emphasized that the employment estimates in this report relate only to the export of manufactured goods. Direct exports of nonmanufactured goods (e.g., unprocessed minerals or agricultural items) and services are excluded from this report, as are any indirect effects associated with exporting nonmanufactured goods and services. Therefore, these export estimates do not measure the full employment effect of all U.S. exports.

GENERAL METHODOLOGY

The estimates in this report rely upon 3 major information sources: (1) the U.S. Census Bureau's 2003 Annual Survey of Manufactures; (2) detailed data from the Census Bureau's 2003 edition of U.S. International Trade in Goods and Services; and (3) the Bureau of Economic Analysis' Input-Output (I/O) Accounts of the U.S. Economy for 2003. To provide a means for using these different sources on a comparable basis required manipulations and conversions. For example, each of these sources uses a different classification scheme (NAICS for the economic census, manufacturing sector, the Harmonized System for the exports of merchandise, and a NAICS based system for I/O accounts). The I/O accounts originate from 2003 data. The user should bear in mind that conversions and adjustments for such differences are imperfect, and a potential source of error in the figures presented in this report.

A short description of the methodology is as follows: Exports as reported by manufacturers on the 2003 Annual Survey of Manufactures (ASM) were allocated to the industry and state of that manufacturer. These export totals then were compared to the U.S. International Trade in Goods and Services, as reported by exporting firms. Because many manufacturers do not know whether or not their products are exported, the export data from the 2003 Annual Survey of Manufactures were adjusted to the totals from the U.S. International Trade in Goods and Services, with differences allocated to industries and states. These data then represented the "direct" exports of manufactured goods, by industry and by state.

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Employment-to-shipment ratios from the 2003 Annual Survey of Manufactures were used to estimate employment for each state-industry combination, resulting in employment attributable to direct exports.

Deriving supporting shipments required use of the I/O accounts. This data source provides a means to estimate resources needed to produce a unit of output. Feeding the direct exports estimated above into this model yields estimates for the resources (both goods and services) required to produce these exports. These data became the supporting shipments associated with direct exports. Again, employment-to-shipment ratios were used to compute employment for the manufacturing industries. For nonmanufacturing industries, a different I/O table was used to estimate employment in these industries.

A more thorough description of the methodology used to construct these estimates is included below.

RELATIONSHIP TO CENSUS BUREAU'S SERIES ON ORIGIN OF MOVEMENT OF U.S. EXPORTS BY STATE

Each month the Census Bureau issues a report on the Origin of Movement of U.S. Exports of Goods by State. The data in this series include both manufactured and nonmanufactured products exports. Data are shown for the state where the merchandise began its export journey as reported by the exporter on the export declaration document filed with the U.S. Department of Commerce at the port of export. This series provides data based on the "origin" of the commodity movement into international trade. That "origin" may be the location of the manufacturer, a warehouse, an intermediary who has arranged the sale, an assembly or packaging point, or the port of export. Thus the origin of movement data differ from the estimates in this publication, which solely reflect the physical location of the manufacturer.

HISTORICAL INFORMATION

This report began in 1960 and measured initially only direct exports and direct export-related employment. In 1976, the program was expanded to encompass analytically-derived estimates for supporting exports and related employment. Users should bear in mind, though, that methodological changes can affect the comparability of these data when making year-to-year comparisons. This caveat is particularly true with respect to the 2002 and 2003 reports and how they relate to previously published years.

DETAILED DESCRIPTION OF CENSUS METHODS AND ESTIMATING PROCEDURES FOR 2003

The sections that follow describe the methodology used to develop estimates of the 2003 employment effects of manufactured exports at the national level and by state.

Derivation of Direct Export-Related Employment

Manufacturers reporting in the 2003 Annual Survey of Manufactures were requested to:

Report the value of products shipped for exports. Include direct exports and products shipped to exporters or other wholesalers for export. Also include the value of products sold to the U.S. Government to be shipped to foreign governments. Do not include products shipped for further manufacture, assembly, or fabrication in the United States.

Such directly reported exports understate the true value of all exports because many respondents do not know the final destination of the products produced in their plants. This includes cases where the export transaction is actually arranged by an independent exporting firm (e.g., a wholesaler) or where shipments of the products are made from company-operated warehouses or other distribution points which do not allocate or report the export sales back to individual producing establishments.

Estimated value of exports. In order to provide a more accurate measure of the overall importance of exports industrially and geographically, directly reported values from the ASM have been adjusted to include estimates for the unreported exports, including exports of manufactured products by wholesalers, retailers, etc.

The values for total U.S. exports of manufactured products are from official export data compiled by the Foreign Trade Division of the Census Bureau based on Shippers' Export Declarations. Re-exports are excluded from the figures because only domestically manufactured exports are relevant to estimation of export-related employment.

Merchandise exports were collected and compiled in accordance with the commodity classifications in *Schedule B, Statistical Classification of Domestic and Foreign Commodities Exported From the United States*. These classifications were rearranged into an export product nomenclature related to the origin of production called the North American Industry Classification System (NAICS). Export data for Puerto Rico and the U.S. Virgin Islands were subtracted from the file. This was done because these areas are not included in the Annual Survey of Manufactures; hence, their removal from the data was necessary to accurately estimate the effects of exports on the domestic economy. By the same token, exports from the United States to these territories were added to the merchandise export data. These adjustments were performed by the Foreign Trade Division.

Merchandise export data are collected on an individual commodity transaction basis, while export data in the ASM are collected on the basis of all commodities exported by the industry. To put the two sets of data on the same basis, the merchandise export data from the Foreign Trade Division were converted to an industry basis using the 2003 Annual Survey of Manufactures data on the distribution of product shipments by industry.

Export data from the Census Bureau's Foreign Trade Division are collected at the port of export on a *free alongside ship (f.a.s.)* basis, and thus include freight and wholesale margins. To make the export data comparable with data collected in the ASM, the margins were subtracted to derive a *freight on board (f.o.b.) plant* value. The Bureau of Economic Analysis' Input/Output (I/O) commodity margin rates from the 2003 I/O tables were converted to industry margin rates and then applied to the merchandise exports on an industry basis to derive the f.o.b. plant value of exports by industry.

Survey-based estimates of direct exports at the industry x state level were derived by adjusting the directly reported exports data from the Annual Survey of Manufactures for nonresponse, and undercoverage.

$$E'_S = \sum_{i \in GEO4} W_i Exp_i \text{ where,}$$

E'_S = 2003 reported exports from the Annual Survey of Manufactures,

$\sum_{i \in GEO4}$ = the sum over a set of establishments in a geographic cell at the four-digit industry level,

W_i = sample weight for establishment i,

2003 reported value of exports for establishment i.

$$Exp_i = E''_S = E'_S \left(\frac{TVS_{GEO4}}{\sum_{i \in GEO4} W_i TVS_i} \right) \text{ where,}$$

E''_S = The 2003 export estimate for a geographic cell adjusted for nonresponse to the export item,

E'_S = 2003 reported exports from the Annual Survey of Manufactures,

TVS_{GEO4} = 2003 value of shipments for a geographic cell at the four-digit industry level,

TVS_i = 2003 value of shipments associated with establishments that responded to the export item.

Next, differences between the national totals of export shipments obtained from the Foreign Trade Division's data and national totals of survey-based estimates were allocated to the individual states. At the state level, the differences were added to the survey-based estimates to arrive at state-by-state estimates of the total f.o.b. value of exports by manufacturing establishments. Details of the allocation and estimation methods are provided below.

Allocation of unreported value of exports. Differences between the national totals of survey-based estimates and the national export estimates f.o.b. plant were allocated to states on a detailed NAICS level. The estimating procedure assumes that export shipments not reported by manufacturing establishments are directly related to the geographic distribution of

the total value of shipments of the industry and export shipments as reported for each state on the ASM. The final estimates of the value of direct export shipments were calculated as follows:

$$E_F = E_S'' + \left\{ (N - S_n) \left[\left(\frac{S_n}{N} \right) \left(\frac{E_S''}{S_n} \right) + \left(1 - \frac{S_n}{N} \right) \left(\frac{TVS_s}{TVS_n} \right) \right] \right\} \text{ where,}$$

N is the national export estimate for this industry from Foreign Trade Division,

S_n is the national total of the ratio adjusted export estimates for the states,

E_S'' is the 2003 export estimate for the state adjusted for nonresponse to the export item,

TVS_n is the 2003 Annual Survey of Manufactures national total value of shipments for this industry, and

TVS_s is the 2003 Annual Survey of Manufactures total value of shipments for this industry in this state,

E_F is the final estimate of the value of direct export at the industry by state level.

Estimating direct export-related employment. Employment related to direct exports is not collected in the Annual Survey of Manufactures. However, the total value of shipments, as well as total employment, are estimated for each industry in each state. Using these data from the Annual Survey of Manufactures, employment related to direct exports was calculated by multiplying the total employment of each industry in each state by the ratio of the estimated total f.o.b. value of exports for that industry in that state to total shipments for that industry in that state. As with the estimates of exports, there are no measures available regarding the possible range of error associated with this estimating technique.

Supporting Shipments for Manufactured Exports

The previous section described how estimates of the f.o.b. plant value of exported manufactured goods were made, were converted to numbers of employees, and how both the value and employment were allocated by state. This section describes how the indirect inputs to these exports were estimated and allocated by state.

Definition of supporting shipments. Supporting shipments refer to all of the inputs purchased by the manufacturing establishments to produce the product being exported and the inputs purchased by these suppliers, etc. As an example, the export value of chemicals in 2003 amounted to \$69.2 billion as goods left the manufacturing plant. To produce the \$69.2 billion of chemicals, it was necessary for these plants to purchase petroleum and coal products from other plants, various other materials, containers for shipping, electrical energy from utility firms, oil and lubricants for maintenance, a variety of business and professional services, etc.

Producers of the various inputs and services which were sold to chemical producers also had to purchase inputs and various services from farms, mines, factories, utilities, transportation firms, etc. These secondary suppliers, in turn, had to purchase inputs from their suppliers. At the aggregate level, this lengthy chain of transactions leading to the production of chemicals is referred to as the supporting shipments for chemicals (or for any other final products). Total supporting shipments are derived by applying regional I/O domestic total requirements tables developed by the Bureau of Economic Analysis (BEA) to the products for which a solution is sought.

Estimating domestic supporting shipments for manufactured exports. At the state level, the domestic supporting shipments for manufactured exports were estimated by using the f.o.b. plant values of exports which were derived above, together with tables of state requirements multipliers supplied by the Regional Economic Analysis Division of the BEA. Supporting shipments at the national level were calculated using BEA's national table. These tables were derived from the 2003 I/O tables and exclude requirements from outside the region covered by the table. Hence, the national table excludes requirements from foreign sources and each state table excludes requirements from sources outside the state.

Estimates of domestic national output required for the value of manufactured exports were derived using the following two-step procedure:

1. Direct exports by detailed NAICS manufacturing industry were multiplied by the total national requirements multipliers to obtain total domestic output required.
2. Total domestic output minus direct exports yields total supporting shipments output.

Supporting shipments of manufacturing industries by state. The value of state supporting shipments from an industry is the value of shipments from this industry in this state used as inputs to this and other industries during the production of exports or inputs to the production of exports. State supporting shipments were calculated in two phases. In the first phase, intrastate manufactured supporting shipments were calculated for each state using state multipliers. State multipliers were derived from the 2003 I/O tables and exclude requirements from outside each state. The estimate of intrastate output required for the value of manufactured exports from a state was derived using state multipliers and the same two step procedure used for the national estimates.

In the second phase, the difference between the sum of the intrastate supporting shipments and the national supporting shipments from each manufacturing industry was allocated to states. This difference is the value of inter-state supporting shipments from each industry. The value of interstate supporting shipments from each industry is the value of shipments from this industry that are shipped across state lines for use by this and other industries in the production of exports or inputs to the production of exports in other states.

The value of national total interstate supporting shipments from each manufacturing industry was allocated to states on the basis of the distribution of available shipments by that industry across states from the 2003 Annual Survey of Manufactures.

When the total value of supporting shipments from each manufacturing industry in each state was determined, employment associated with those values was calculated. The ratio of total employment to total value of shipments for each manufacturing industry in each state was calculated using figures from the Annual Survey of Manufactures. Next, the value of total supporting shipments from each industry in each state was multiplied by the ratio of employment to value of shipments for that industry in that state to obtain an estimate of the total employment associated with providing those supporting shipments. National supporting manufacturing employment for each industry was obtained by summing the supporting employment in each state for that manufacturing industry.

Supporting employment associated with nonmanufacturing industries. The supporting employment in nonmanufacturing industries associated with the production of manufactured exports or of inputs used to produce manufactured exports was estimated by using state total requirements employment multipliers supplied by BEA and the direct export estimates discussed above. These employment multipliers for a given industry in a region show the number of full- and part-time jobs that state industries provide, both direct and supporting, in order for the given industry to deliver \$1 million of output to final demand. Direct exports by detailed NAICS manufacturing industry were multiplied by the employment requirements multipliers to obtain export-related employment in nonmanufacturing industries providing inputs to either the production of final goods for export, or the production of other inputs necessary for the manufacture of exports.

As was done for supporting shipments of manufacturing industries, these calculations were made at the national level with national exports and national multipliers, and for each state with exports from that state and multipliers for that state. The use of both national-level and state-level multipliers resulted in a difference between the sum of the state employment for each industry and national employment for that industry. Utilizing national export-related employment as the control total for each industry, this difference was allocated proportionally across the states using the initial state export employment data for each industry.

On an unadjusted basis, if a state accounted for 10 percent of the export employment, it received 10 percent of the adjustment.

Plant-to-port supporting employment. The port value of manufactured exports in 2003 was approximately \$570 billion, and it was estimated that the f.o.b. plant value of these goods was \$498 billion. The difference of \$72 billion represents transportation costs of moving these goods (mainly to seaports but also to airports and rail or truck border crossing points) and the margin, or markup of exporters, which is a component of wholesale trade. These costs were split (87 percent / 13 percent) on the basis of the distribution costs in Table C, "Composition of NIPA Final Demand Rims II Industry Aggregations Final Use Code F04000." \$63 billion of the \$72 billion difference was allocated to wholesale trade and the remaining \$9 billion was allocated to transportation.

Data from BEA on “gross domestic product by industry” were used to calculate ratios of full- and part-time employees (employment) to gross domestic product by industry for “Transportation” and for “Wholesale Trade.” The amount allocated to each industry was multiplied by that industry’s ratio to obtain an estimate of plant-to-port supporting employment of that industry. These national totals were allocated to states using the distribution of employment across states for transportation and for wholesale trade in the County Business Patterns data. The estimate of transportation employment was added to the previously calculated supporting employment in “Transportation, communications, and utilities.” The estimate of wholesale trade employment was added to the previously supporting employment in “Trade.”

Questions regarding the above methodology should be e-mailed directly to John.H.Gates@census.gov .

Table 1. Employment Related to Manufactured Exports by Major Economic Sector for States: 2003

State	Employment related to manufactured exports							Civilian employment (thousands)	Private sector employment (thousands)	Manufactured export employment as a percent of	
	Total	Manufacturing employment 1/ (thousands)	Nonmanu- facturing employment 2/ (thousands)	Business (thou- sands)	Transpor- tation (thou- sands)	Trade (thou- sands)	Other 3/ (thou- sands)			Civilian employ- ment 4/	Private sector employ- ment 5/
United States.....	5,070.9	2,380.3	2,690.6	647.7	363.2	974.9	704.8	133,365.9	111,717.9	3.8	4.5
Alabama.....	87.8	39.2	48.6	9.0	7.3	18.2	14.1	1,905.5	1,547.1	4.6	5.7
Alaska.....	4.6	0.9	3.7	0.5	0.7	1.0	1.5	301.4	219.8	1.5	2.1
Arizona.....	109.7	38.7	71.0	27.5	7.6	18.6	17.3	2,374.3	1,980.8	4.6	5.5
Arkansas.....	43.1	18.4	24.7	3.8	4.7	8.4	7.8	1,190.1	991.6	3.6	4.3
California.....	611.6	280.2	331.4	102.1	34.0	121.7	73.6	14,974.3	12,548.8	4.1	4.9
Colorado.....	61.4	22.8	38.6	8.2	3.9	13.1	13.4	2,219.8	1,863.6	2.8	3.3
Connecticut.....	71.3	43.8	27.5	8.2	2.9	11.1	5.3	1,667.5	1,421.5	4.3	5.0
Delaware.....	11.6	5.2	6.4	1.7	0.7	3.0	1.0	421.5	364.3	2.8	3.2
District of Columbia.....	(W)	(W)	0.6	0.0	0.1	0.5	0.0	667.5	436.9	(W)	(W)
Florida.....	112.2	39.7	72.5	12.7	12.1	35.9	11.8	7,452.1	6,399.1	1.5	1.8
Georgia.....	140.3	57.4	82.9	17.7	12.9	30.5	21.8	3,934.9	3,302.5	3.6	4.2
Hawaii.....	4.1	0.7	3.4	0.2	0.9	2.1	0.2	587.6	468.5	0.7	0.9
Idaho.....	22.3	7.7	14.6	4.8	1.3	4.2	4.3	608.0	495.0	3.7	4.5
Illinois.....	257.3	114.9	142.4	31.9	19.9	51.3	39.3	5,932.8	5,079.6	4.3	5.1
Indiana.....	154.9	89.0	65.9	11.8	11.7	24.8	17.6	2,970.3	2,547.7	5.2	6.1
Iowa.....	85.4	33.7	51.7	6.8	6.7	15.2	23.0	1,509.4	1,264.6	5.7	6.8
Kansas.....	76.3	27.3	49.0	6.1	4.4	11.5	27.0	1,365.2	1,114.8	5.6	6.8
Kentucky.....	81.8	39.9	41.9	8.0	7.5	15.8	10.6	1,852.3	1,539.8	4.4	5.3
Louisiana.....	61.2	16.3	44.9	9.3	7.0	14.2	14.4	1,943.5	1,564.2	3.1	3.9
Maine.....	16.2	7.7	8.5	1.7	1.1	2.8	2.9	622.8	515.1	2.6	3.1
Maryland.....	42.7	18.4	24.3	4.9	3.4	12.2	3.8	2,531.9	2,069.5	1.7	2.1
Massachusetts.....	139.9	71.3	68.6	23.5	6.1	24.6	14.4	3,231.1	2,818.5	4.3	5.0
Michigan.....	214.2	139.2	75.0	17.3	10.5	31.1	16.1	4,514.6	3,829.2	4.7	5.6
Minnesota.....	110.8	53.4	57.4	14.1	6.5	21.8	15.0	2,780.2	2,367.7	4.0	4.7
Mississippi.....	32.2	13.9	18.3	2.7	3.3	5.9	6.4	1,149.9	909.1	2.8	3.5
Missouri.....	83.7	38.9	44.8	8.0	6.9	19.7	10.2	2,755.5	2,323.3	3.0	3.6
Montana.....	4.0	1.4	2.6	0.2	0.4	1.5	0.5	430.7	344.9	0.9	1.2
Nebraska.....	51.0	13.9	37.1	5.4	3.4	8.1	20.2	974.2	814.4	5.2	6.3
Nevada.....	11.9	5.5	6.4	0.9	1.3	3.6	0.6	1,110.3	975.4	1.1	1.2
New Hampshire.....	23.1	14.1	9.0	2.2	1.1	3.6	2.1	629.9	539.8	3.7	4.3
New Jersey.....	110.2	45.7	64.5	12.5	9.5	32.7	9.8	4,020.8	3,398.9	2.7	3.2
New Mexico.....	18.0	4.8	13.2	4.8	1.3	3.7	3.4	802.6	607.5	2.2	3.0
New York.....	190.5	98.8	91.7	17.2	11.2	49.4	13.9	8,515.0	7,027.2	2.2	2.7
North Carolina.....	167.8	90.9	76.9	17.1	12.0	27.9	19.9	3,908.5	3,267.1	4.3	5.1
North Dakota.....	8.7	3.2	5.5	1.2	0.7	2.4	1.2	360.6	285.3	2.4	3.0
Ohio.....	285.6	166.9	118.7	30.3	18.6	44.5	25.3	5,490.7	4,688.1	5.2	6.1
Oklahoma.....	49.3	21.8	27.5	5.6	3.8	9.7	8.4	1,507.2	1,211.4	3.3	4.1
Oregon.....	78.1	34.1	44.0	14.7	4.7	13.8	10.8	1,641.6	1,360.5	4.8	5.7
Pennsylvania.....	190.0	103.5	86.5	18.5	15.1	35.6	17.3	5,704.3	4,958.7	3.3	3.8
Rhode Island.....	14.3	8.5	5.8	1.3	0.8	2.7	1.0	489.3	423.1	2.9	3.4
South Carolina.....	130.4	65.9	64.5	14.0	11.0	21.1	18.4	1,840.2	1,514.1	7.1	8.6
South Dakota.....	8.7	3.1	5.6	0.8	0.6	2.6	1.6	410.2	335.9	2.1	2.6
Tennessee.....	124.2	58.3	65.9	13.3	10.7	25.1	16.8	2,750.7	2,339.6	4.5	5.3
Texas.....	443.0	162.4	280.6	74.0	36.7	81.9	88.0	9,638.0	7,991.9	4.6	5.5
Utah.....	40.2	16.3	23.9	6.8	3.1	7.9	6.1	1,104.1	907.5	3.6	4.4
Vermont.....	19.2	9.5	9.7	3.4	0.8	2.6	2.9	311.2	259.2	6.2	7.4
Virginia.....	101.5	47.8	53.7	12.6	8.8	17.4	14.9	3,561.4	2,923.9	2.9	3.5
Washington.....	210.1	106.4	103.7	33.3	12.5	29.7	28.2	2,744.5	2,223.9	7.7	9.4
West Virginia.....	20.1	9.3	10.8	1.5	1.8	3.6	3.9	741.6	599.1	2.7	3.4
Wisconsin.....	131.2	69.0	62.2	13.3	8.8	23.7	16.4	2,883.3	2,470.4	4.6	5.3
Wyoming.....	2.8	0.8	2.0	0.3	0.4	0.9	0.4	331.0	267.5	0.8	1.0

(W) Withheld because estimate did not meet publication standards based on a consistency review.

1/Manufacturing employment is computed using 2003 Annual Survey of Manufactures estimates for shipments and employment, and state-based input-output tables from the Bureau of Economic Analysis.

2/Nonmanufacturing employment is computed based upon state-based input-output tables from the Bureau of Economic Analysis.

3/"Other" employment related to manufactured exports include estimates for forestry, agriculture, and business services.

4/Civilian employment reflects state data from the "State and Area Employment, Hours, and Earnings" series from the Bureau of Labor Statistics and "Farm Labor" from the National Agricultural Statistics Service.

5/Private sector employment represents the figure for civilian employment (see footnote 3) less the total number of government workers from the Bureau of Labor Statistics State and Area Employment, Hours, and Earnings series.

Note: Export-related employment data shown do not include jobs involved in the exports of nonmanufactured goods, such as farm products, minerals, and services sold to foreign buyers. Indirect exports exclude imported items. Detail may not add to totals due to independent rounding.

Table 2: Manufacturing Industries, Shipments and Employment Related to Manufactured Exports for States: 2003

State	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousands)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousands)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousands)	Total export related shipments (million dollars)	Total export related manufacturing employment (thousands)	Export related as percent of all manufacturers		Total nonmanufacturing supporting employment (thousands)	Total of all employment related to manufactured exports (thousands)
									Shipments	Employment		
United States.....	4,015,080.8	13,878.2	498,109.9	1,613.2	200,227.3	767.1	698,337.2	2,380.3	17.4	17.2	2,690.6	5,070.9
Alabama.....	71,027.4	261.9	9,799.5	22.9	5,092.4	16.3	14,891.9	39.2	21.0	15.0	48.6	87.8
Alaska.....	4,378.7	11.4	765.5	0.8	76.8	0.1	842.3	0.9	19.2	7.9	3.7	4.6
Arizona.....	44,353.9	161.2	13,347.7	29.9	2,242.3	8.8	15,590.0	38.7	35.1	24.0	71.0	109.7
Arkansas.....	48,102.9	193.8	3,633.4	13.1	1,532.6	5.3	5,166.0	18.4	10.7	9.5	24.7	43.1
California.....	385,882.6	1,521.0	50,445.5	201.6	17,061.5	78.6	67,507.0	280.2	17.5	18.4	331.4	611.6
Colorado.....	34,113.2	142.9	4,326.4	18.6	968.0	4.2	5,294.4	22.8	15.5	16.0	38.6	61.4
Connecticut.....	41,730.6	194.6	6,647.0	30.9	2,570.2	12.9	9,217.2	43.8	22.1	22.5	27.5	71.3
Delaware.....	15,245.7	36.6	1,389.1	4.2	393.2	1.0	1,782.3	5.2	11.7	14.2	6.4	11.6
District of Columbia.....	295.7	1.9	2.2	(W)	0.1	(W)	2.3	(W)	0.8	(W)	0.6	(W)
Florida.....	79,264.4	357.1	7,809.4	33.2	1,359.9	6.5	9,169.3	39.7	11.6	11.1	72.5	112.2
Georgia.....	126,316.6	431.2	13,442.0	39.8	4,711.3	17.6	18,153.3	57.4	14.4	13.3	82.9	140.3
Hawaii.....	3,876.9	13.5	333.1	0.6	34.6	0.1	367.7	0.7	9.5	5.2	3.4	4.1
Idaho.....	15,812.1	58.4	2,144.1	6.5	282.0	1.2	2,426.1	7.7	15.3	13.2	14.6	22.3
Illinois.....	191,218.4	706.5	21,634.9	73.4	10,394.5	41.5	32,029.4	114.9	16.8	16.3	142.4	257.3
Indiana.....	168,878.0	538.2	16,358.3	52.5	9,477.0	36.5	25,835.3	89.0	15.3	16.5	65.9	154.9
Iowa.....	70,521.7	218.0	7,237.4	21.5	2,974.1	12.2	10,211.5	33.7	14.5	15.5	51.7	85.4
Kansas.....	50,674.6	167.8	5,674.6	18.6	2,291.7	8.7	7,966.3	27.3	15.7	16.3	49.0	76.3
Kentucky.....	89,889.7	251.6	9,107.0	22.9	5,285.0	17.0	14,392.0	39.9	16.0	15.9	41.9	81.8
Louisiana.....	94,906.8	146.0	7,431.5	11.6	3,184.3	4.7	10,615.8	16.3	11.2	11.2	44.9	61.2
Maine.....	13,950.7	64.6	1,541.7	6.1	367.5	1.6	1,909.2	7.7	13.7	11.9	8.5	16.2
Maryland.....	35,851.8	143.3	3,820.5	14.9	709.8	3.5	4,530.3	18.4	12.6	12.8	24.3	42.7
Massachusetts.....	78,507.1	322.9	14,066.9	51.2	4,756.5	20.1	18,823.4	71.3	24.0	22.1	68.6	139.9
Michigan.....	224,770.2	689.7	26,139.9	79.4	14,351.1	59.8	40,491.0	139.2	18.0	20.2	75.0	214.2
Minnesota.....	82,351.1	332.8	8,990.3	37.5	3,305.3	15.9	12,295.6	53.4	14.9	16.0	57.4	110.8
Mississippi.....	39,847.9	168.4	2,893.3	10.8	960.1	3.1	3,853.4	13.9	9.7	8.3	18.3	32.2
Missouri.....	96,189.6	307.2	7,818.5	24.6	3,551.3	14.3	11,369.8	38.9	11.8	12.7	44.8	83.7
Montana.....	5,351.6	16.8	255.3	1.2	34.8	0.2	290.1	1.4	5.4	8.3	2.6	4.0
Nebraska.....	33,030.6	101.8	3,446.9	10.4	1,109.5	3.5	4,556.4	13.9	13.8	13.7	37.1	51.0
Nevada.....	9,050.4	44.3	783.4	4.9	95.2	0.6	878.6	5.5	9.7	12.4	6.4	11.9
New Hampshire.....	15,799.8	82.6	2,005.3	10.1	664.1	4.0	2,669.4	14.1	16.9	17.1	9.0	23.1
New Jersey.....	96,521.4	339.4	9,431.2	34.3	3,517.0	11.4	12,948.2	45.7	13.4	13.5	64.5	110.2
New Mexico.....	10,758.9	29.3	2,507.7	4.1	231.6	0.7	2,739.3	4.8	25.5	16.4	13.2	18.0
New York.....	141,353.8	596.7	19,123.6	77.2	4,758.4	21.6	23,882.0	98.8	16.9	16.6	91.7	190.5
North Carolina.....	158,279.5	570.7	14,677.4	61.6	6,638.9	29.3	21,316.3	90.9	13.5	15.9	76.9	167.8
North Dakota.....	6,452.9	21.4	839.6	2.5	121.5	0.7	961.1	3.2	14.9	15.0	5.5	8.7
Ohio.....	244,906.8	810.4	29,927.3	97.3	17,668.1	69.6	47,595.4	166.9	19.4	20.6	118.7	285.6
Oklahoma.....	41,627.0	138.4	4,086.4	15.7	1,256.2	6.1	5,342.6	21.8	12.8	15.8	27.5	49.3
Oregon.....	44,558.2	176.1	7,828.9	26.3	1,881.5	7.8	9,710.4	34.1	21.8	19.4	44.0	78.1
Pennsylvania.....	181,580.0	672.8	21,487.4	66.9	9,628.7	36.6	31,116.1	103.5	17.1	15.4	86.5	190.0
Rhode Island.....	11,047.6	59.6	1,274.7	6.5	336.2	2.0	1,610.9	8.5	14.6	14.3	5.8	14.3
South Carolina.....	85,733.0	279.5	14,594.3	35.3	8,258.9	30.6	22,853.2	65.9	26.7	23.6	64.5	130.4
South Dakota.....	10,358.4	36.0	1,065.8	2.4	162.6	0.7	1,228.4	3.1	11.9	8.6	5.6	8.7
Tennessee.....	115,239.3	386.3	12,804.7	37.6	5,345.5	20.7	18,150.2	58.3	15.8	15.1	65.9	124.2
Texas.....	340,288.4	810.0	44,697.3	113.1	20,175.1	49.3	64,872.4	162.4	19.1	20.0	280.6	443.0
Utah.....	25,928.3	107.3	3,191.8	12.5	888.5	3.8	4,080.3	16.3	15.7	15.2	23.9	40.2
Vermont.....	9,455.6	41.5	2,366.8	7.9	305.1	1.6	2,671.9	9.5	28.3	22.9	9.7	19.2
Virginia.....	82,747.3	296.3	10,183.1	35.9	3,015.8	11.9	13,198.9	47.8	16.0	16.1	53.7	101.5
Washington.....	80,040.9	257.6	30,243.7	71.1	9,765.2	35.3	40,008.9	106.4	50.0	41.3	103.7	210.1
West Virginia.....	19,937.2	65.8	2,335.2	6.2	1,003.2	3.1	3,338.4	9.3	16.7	14.1	10.8	20.1
Wisconsin.....	132,326.5	484.3	11,779.4	44.4	5,387.4	24.6	17,166.8	69.0	13.0	14.2	62.2	131.2
Wyoming.....	4,749.1	11.1	372.9	0.7	45.3	0.1	418.2	0.8	8.8	7.2	2.0	2.8

(W) Withheld because estimate did not meet publication standards based on a consistency review.

1/Source: 2003 Annual Survey of Manufactures.

2/Source: 2003 Foreign Trade Statistics (Census Bureau unpublished data).

Note: Detail may not add to totals due to independent rounding.

Table 3. Manufacturing Industries, Export Related Statistics for Industries: 2003

NAICS industry code	Industry title	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export support-ing shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipment (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
	Total, all industries.....	4,015,080.8	13,878.2	498,109.9	1,613.2	200,227.3	767.1	698,337.2	2,380.3	17.4	17.2
311	Food.....	483,225.6	1,471.2	23,050.2	61.0	5,226.3	12.2	28,276.5	73.2	5.9	5.0
312	Beverage and tobacco products.....	108,806.3	148.5	2,697.1	3.1	295.9	0.5	2,993.0	3.6	2.8	2.4
313	Textile mills.....	42,587.9	247.9	6,718.4	39.3	3,800.4	22.8	10,518.8	62.1	24.7	25.1
314	Textile products.....	31,260.6	170.5	1,643.3	10.2	767.8	5.6	2,411.1	15.8	7.7	9.3
315	Apparel.....	38,668.4	294.6	3,919.1	29.5	506.9	4.0	4,426.0	33.5	11.4	11.4
316	Leather and allied products.....	5,784.4	40.3	1,606.2	8.9	827.0	3.8	2,433.2	12.7	42.1	31.5
321	Wood products.....	92,119.5	514.2	3,088.6	16.0	2,629.4	14.0	5,718.0	30.0	6.2	5.8
322	Paper.....	151,093.7	465.9	12,053.2	37.3	9,206.9	29.2	21,260.1	66.5	14.1	14.3
323	Printing and related support activities.....	92,663.1	676.1	4,350.6	31.6	2,806.9	20.6	7,157.5	52.2	7.7	7.7
324	Petroleum and coal products.....	247,316.4	100.7	7,260.3	3.4	10,085.0	4.3	17,345.3	7.7	7.0	7.6
325	Chemicals.....	486,562.7	829.9	69,159.0	113.7	34,540.0	65.2	103,699.0	178.9	21.3	21.6
326	Plastics and rubber products.....	178,328.0	944.8	13,267.4	70.2	11,913.6	64.0	25,181.0	134.2	14.1	14.2
327	Nonmetallic mineral products.....	96,922.9	463.1	5,152.2	26.5	2,991.6	15.0	8,143.8	41.5	8.4	9.0
331	Primary metals.....	138,142.5	455.5	14,825.1	45.8	25,690.5	95.5	40,515.6	141.3	29.3	31.0
332	Fabricated metal products.....	245,550.3	1,488.9	16,955.6	93.1	24,753.2	163.0	41,708.8	256.1	17.0	17.2
333	Machinery.....	257,374.6	1,097.6	58,743.2	240.3	8,649.9	40.2	67,393.1	280.5	26.2	25.6
334	Computers and electronic products.....	352,635.7	1,145.4	98,721.4	306.6	21,964.6	88.0	120,686.0	394.6	34.2	34.5
335	Electrical equipment, appliances, and components.....	100,139.6	447.4	16,705.4	76.2	4,374.9	21.2	21,080.3	97.4	21.1	21.8
336	Transportation equipment.....	661,141.9	1,598.2	118,347.6	288.3	26,608.0	82.2	144,955.6	370.5	21.9	23.2
337	Furniture and related products.....	75,423.0	557.4	2,265.4	17.0	387.5	3.1	2,652.9	20.1	3.5	3.6
339	Miscellaneous products.....	129,333.8	720.0	17,580.5	95.2	2,200.9	12.9	19,781.4	108.1	15.3	15.0

1/Source: 2003 Annual Survey of Manufactures.

2/Source: 2003 Foreign Trade Statistics (Census Bureau unpublished data).

Note: Detail rows and columns may not add to totals due to independent rounding.

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
	Total, all industries.....	4,015,080.8	13,878.2	498,109.9	1,613.2	200,227.3	767.1	698,337.2	2,380.3	17.4	17.2
	ALABAMA.....	71,027.4	261.9	9,799.5	22.9	5,092.4	16.3	14,891.9	39.2	21.0	15.0
311	Food.....	7,026.2	32.6	196.8	0.9	73.3	0.2	270.1	1.1	3.8	3.4
312	Beverage and tobacco products.....	800.8	2.1	1.0	(Z)	2.1	(Z)	3.1	(Z)	0.4	(W)
313	Textile mills.....	2,530.6	13.2	128.2	0.8	120.2	0.7	248.4	1.5	9.8	11.4
314	Textile products.....	1,485.1	6.3	54.9	0.2	42.3	0.2	97.2	0.4	6.5	6.3
315	Apparel.....	1,575.3	11.6	69.6	0.5	12.9	0.1	82.5	0.6	5.2	5.2
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	3,741.4	19.2	168.5	0.8	103.5	0.5	272.0	1.3	7.3	6.8
322	Paper.....	5,546.3	12.3	327.3	0.7	174.7	0.5	502.0	1.2	9.1	9.8
323	Printing and related support activities.....	675.0	4.9	12.2	0.1	28.2	0.2	40.4	0.3	6.0	6.1
324	Petroleum and coal products.....	2,676.1	2.1	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	7,940.8	12.0	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
326	Plastics and rubber products.....	3,260.2	16.9	232.6	1.2	197.9	1.0	430.5	2.2	13.2	13.0
327	Nonmetallic mineral products.....	1,953.4	8.4	72.2	0.3	69.9	0.3	142.1	0.6	7.3	7.1
331	Primary metals.....	5,708.6	16.8	379.0	1.2	611.9	2.1	990.9	3.3	17.4	19.6
332	Fabricated metal products.....	3,937.1	24.3	204.4	1.2	413.4	2.8	617.8	4.0	15.7	16.5
333	Machinery.....	2,827.2	12.2	308.5	1.4	139.2	0.5	447.7	1.9	15.8	15.6
334	Computers and electronic products.....	3,544.2	12.2	639.0	2.1	160.7	0.5	799.7	2.6	22.6	21.3
335	Electrical equipment, appliances, and components.....	1,543.0	6.0	158.4	0.6	51.5	0.2	209.9	0.8	13.6	13.3
336	Transportation equipment.....	11,537.6	28.9	3,126.1	5.2	1,339.0	4.3	4,465.1	9.5	38.7	32.9
337	Furniture and related products.....	1,675.8	12.1	57.6	0.4	4.4	(Z)	62.0	0.4	3.7	3.3
339	Miscellaneous products.....	1,033.6	7.7	68.3	0.5	25.9	0.2	94.2	0.7	9.1	9.1
	ALASKA.....	4,378.7	11.4	765.5	0.8	76.8	0.1	842.3	0.9	19.2	7.9
311	Food.....	1,489.5	7.8	98.0	0.5	8.2	(Z)	106.2	0.5	7.1	6.4
321	Wood products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
323	Printing and related support activities.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
326	Plastics and rubber products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
332	Fabricated metal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
336	Transportation equipment.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
339	Miscellaneous products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
	ARIZONA.....	44,353.9	161.2	13,347.7	29.9	2,242.3	8.8	15,590.0	38.7	35.1	24.0
311	Food.....	3,297.6	10.0	85.2	0.2	12.6	(Z)	97.8	0.2	3.0	2.0
312	Beverage and tobacco products.....	759.4	1.5	0.0	(Z)	2.3	(Z)	2.3	(Z)	0.3	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	162.3	1.4	59.5	0.5	3.5	(Z)	63.0	0.5	38.8	35.7
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	1,015.5	8.1	0.4	(Z)	8.1	0.1	8.5	0.1	0.8	1.2
322	Paper.....	812.5	3.0	69.3	0.3	32.0	0.1	101.3	0.4	12.5	13.3
323	Printing and related support activities.....	686.0	6.5	21.8	0.2	40.2	0.4	62.0	0.6	9.0	9.2
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	1,211.9	4.1	81.9	0.3	81.3	0.3	163.2	0.6	13.5	14.6
326	Plastics and rubber products.....	1,224.0	7.8	75.6	0.5	64.8	0.4	140.4	0.9	11.5	11.5
327	Nonmetallic mineral products.....	1,469.9	6.9	29.3	0.2	16.1	0.1	45.4	0.3	3.1	4.3
331	Primary metals.....	1,046.4	3.7	125.0	0.3	119.8	0.6	244.8	0.9	23.4	24.3
332	Fabricated metal products.....	2,804.8	16.1	436.6	1.5	321.6	2.1	758.2	3.6	27.0	22.4
333	Machinery.....	1,478.3	7.5	285.9	1.3	217.0	0.9	502.9	2.2	34.0	29.3
334	Computers and electronic products.....	15,639.9	30.8	9,856.5	16.6	755.4	1.7	10,611.9	18.3	67.9	59.4
335	Electrical equipment, appliances, and components.....	691.3	2.8	68.2	0.3	28.7	0.1	96.9	0.4	14.0	14.3
336	Transportation equipment.....	9,139.3	31.7	1,909.9	6.1	492.0	1.5	2,401.9	7.6	26.3	24.0
337	Furniture and related products.....	1,012.1	7.7	1.5	(Z)	8.5	0.1	10.0	0.1	1.0	1.3
339	Miscellaneous products.....	1,453.8	9.6	231.5	1.5	28.0	0.2	259.5	1.7	17.8	17.7
	ARKANSAS.....	48,102.9	193.8	3,633.4	13.1	1,532.6	5.3	5,166.0	18.4	10.7	9.5
311	Food.....	12,272.2	50.2	489.3	1.6	114.2	0.3	603.5	1.9	4.9	3.8
312	Beverage and tobacco products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	215.6	1.1	86.0	0.4	12.5	0.1	98.5	0.5	45.7	45.5
315	Apparel.....	347.8	2.4	14.3	0.1	1.8	(Z)	16.1	0.1	4.6	4.2
316	Leather and allied products.....	129.8	2.1	6.1	0.1	0.7	(Z)	6.8	0.1	5.2	4.8
321	Wood products.....	2,724.3	12.4	30.9	0.2	42.0	0.2	72.9	0.4	2.7	3.2
322	Paper.....	3,796.3	11.0	239.2	0.6	98.8	0.3	338.0	0.9	8.9	8.2
323	Printing and related support activities.....	445.8	3.6	25.5	0.2	15.5	0.1	41.0	0.3	9.2	8.3
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	2,566.0	6.0	522.6	1.3	293.5	0.7	816.1	2.0	31.8	33.3
326	Plastics and rubber products.....	3,257.4	14.0	166.9	0.7	118.2	0.5	285.1	1.2	8.8	8.6
327	Nonmetallic mineral products.....	751.7	3.8	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
331	Primary metals.....	3,429.5	8.0	323.6	0.6	262.6	0.7	586.2	1.3	17.1	16.3
332	Fabricated metal products.....	3,190.2	16.0	233.4	1.0	142.0	0.8	375.4	1.8	11.8	11.3
333	Machinery.....	3,114.7	15.0	288.3	1.3	56.9	0.3	345.2	1.6	11.1	10.7
334	Computers and electronic products.....	1,346.1	5.3	107.1	0.3	43.7	0.3	150.8	0.6	11.2	11.3
335	Electrical equipment, appliances, and components.....	3,167.3	13.2	426.8	1.8	47.5	0.2	474.3	2.0	15.0	15.2
336	Transportation equipment.....	3,383.7	15.9	530.8	2.1	131.0	0.5	661.8	2.6	19.6	16.4
337	Furniture and related products.....	924.7	6.9	27.5	0.2	4.4	(Z)	31.9	0.2	3.4	2.9
339	Miscellaneous products.....	721.3	5.3	26.0	0.2	11.7	0.1	37.7	0.3	5.2	5.7

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
	CALIFORNIA	385,882.6	1,521.0	50,445.5	201.6	17,061.5	78.6	67,507.0	280.2	17.5	18.4
311	Food.....	48,044.8	161.7	2,775.7	9.0	446.2	1.3	3,221.9	10.3	6.7	6.4
312	Beverage and tobacco products.....	15,140.6	28.7	445.8	0.9	84.0	0.2	529.8	1.1	3.5	3.8
313	Textile mills.....	1,636.0	12.2	118.8	0.9	236.7	1.8	355.5	2.7	21.7	22.1
314	Textile products.....	2,152.3	15.0	120.2	1.0	60.5	0.5	180.7	1.5	8.4	10.0
315	Apparel.....	12,520.6	90.6	1,063.8	7.9	123.3	0.9	1,187.1	8.8	9.5	9.7
316	Leather and allied products.....	689.6	5.1	194.0	1.4	30.1	0.3	224.1	1.7	32.5	33.3
321	Wood products.....	6,059.8	38.3	106.6	0.7	151.2	0.9	257.8	1.6	4.3	4.2
322	Paper.....	8,252.8	26.7	563.9	2.0	546.2	1.7	1,110.1	3.7	13.5	13.9
323	Printing and related support activities.....	10,168.0	71.9	530.1	3.8	365.5	2.6	895.6	6.4	8.8	8.9
324	Petroleum and coal products.....	27,806.0	11.9	563.1	0.2	634.3	0.3	1,197.4	0.5	4.3	4.2
325	Chemicals.....	29,967.1	74.5	1,897.9	4.8	984.8	2.7	2,882.7	7.5	9.6	10.1
326	Plastics and rubber products.....	15,010.4	92.2	1,314.4	8.0	690.6	4.2	2,005.0	12.2	13.4	13.2
327	Nonmetallic mineral products.....	9,399.5	42.7	310.9	1.9	231.1	1.1	542.0	3.0	5.8	7.0
331	Primary metals.....	5,472.0	22.6	417.9	1.7	882.5	4.1	1,300.4	5.8	23.8	25.7
332	Fabricated metal products.....	21,957.8	147.4	1,516.7	9.3	2,678.1	19.0	4,194.8	28.3	19.1	19.2
333	Machinery.....	16,798.9	78.3	5,265.1	24.5	622.4	3.4	5,887.5	27.9	35.0	35.6
334	Computers and electronic products.....	82,533.9	267.5	23,687.3	78.2	6,561.2	25.6	30,248.5	103.8	36.6	38.8
335	Electrical equipment, appliances, and components.....	6,513.8	34.3	1,621.7	8.1	481.9	2.4	2,103.6	10.5	32.3	30.6
336	Transportation equipment.....	37,856.1	131.1	3,981.8	15.8	795.2	3.0	4,777.0	18.8	12.6	14.3
337	Furniture and related products.....	7,731.9	62.1	227.0	2.1	76.2	0.7	303.2	2.8	3.9	4.5
339	Miscellaneous products.....	20,170.7	106.1	3,722.7	19.7	379.6	2.0	4,102.3	21.7	20.3	20.5
	COLORADO	34,113.2	142.9	4,326.4	18.6	968.0	4.2	5,294.4	22.8	15.5	16.0
311	Food.....	6,546.3	17.6	623.2	1.4	130.3	0.2	753.5	1.6	11.5	9.1
312	Beverage and tobacco products.....	2,513.2	5.6	2.7	(Z)	1.2	(Z)	3.9	(Z)	0.2	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	232.2	1.2	11.3	0.1	2.6	(Z)	13.9	0.1	6.0	8.3
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	451.4	3.6	(D)	(D)	5.5	0.1	(W)	(W)	(W)	(W)
322	Paper.....	496.5	2.2	32.8	0.1	29.4	0.1	62.2	0.2	12.5	9.1
323	Printing and related support activities.....	1,356.9	9.9	93.0	0.7	23.6	0.2	116.6	0.9	8.6	9.1
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	2,623.5	7.2	135.2	0.5	39.7	0.1	174.9	0.6	6.7	8.3
326	Plastics and rubber products.....	989.8	6.5	60.9	0.4	35.9	0.2	96.8	0.6	9.8	9.2
327	Nonmetallic mineral products.....	1,409.2	7.8	67.9	0.5	14.9	0.1	82.8	0.6	5.9	7.7
331	Primary metals.....	589.0	1.8	22.4	0.1	58.5	0.2	80.9	0.3	13.7	16.7
332	Fabricated metal products.....	2,255.0	13.1	104.0	0.6	135.1	1.0	239.1	1.6	10.6	12.2
333	Machinery.....	1,907.0	9.8	629.5	3.1	41.6	0.2	671.1	3.3	35.2	33.7
334	Computers and electronic products.....	6,471.0	27.2	1,530.4	6.2	311.2	1.3	1,841.6	7.5	28.5	27.6
335	Electrical equipment, appliances, and components.....	293.0	1.6	69.6	0.4	20.3	0.1	89.9	0.5	30.7	31.3
336	Transportation equipment.....	2,582.1	9.8	530.5	2.1	56.7	0.2	587.2	2.3	22.7	23.5
337	Furniture and related products.....	625.6	5.3	8.2	0.1	2.2	(Z)	10.4	0.1	1.7	1.9
339	Miscellaneous products.....	1,920.8	10.5	355.1	2.0	33.2	0.2	388.3	2.2	20.2	21.0
	CONNECTICUT	41,730.6	194.6	6,647.0	30.9	2,570.2	12.9	9,217.2	43.8	22.1	22.5
311	Food.....	2,264.6	9.4	34.4	0.2	3.6	(Z)	38.0	0.2	1.7	2.1
312	Beverage and tobacco products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
313	Textile mills.....	297.6	1.8	(D)	(D)	15.9	0.1	(W)	(W)	(W)	(W)
314	Textile products.....	136.2	1.1	2.1	(Z)	3.1	(Z)	5.2	(Z)	3.8	(W)
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	215.6	1.9	5.7	(Z)	6.2	0.1	11.9	0.1	5.5	5.3
322	Paper.....	1,700.0	5.4	83.7	0.3	129.0	0.4	212.7	0.7	12.5	13.0
323	Printing and related support activities.....	1,325.3	9.7	45.5	0.3	39.8	0.3	85.3	0.6	6.4	6.2
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	4,714.0	7.3	291.5	0.6	283.7	0.7	575.2	1.3	12.2	17.8
326	Plastics and rubber products.....	1,438.2	8.5	193.9	1.2	149.4	0.9	343.3	2.1	23.9	24.7
327	Nonmetallic mineral products.....	492.0	2.9	8.6	(Z)	17.4	0.1	26.0	0.1	5.3	3.4
331	Primary metals.....	750.3	3.3	223.4	0.9	252.5	1.2	475.9	2.1	63.4	63.6
332	Fabricated metal products.....	4,897.6	33.7	488.9	3.0	519.3	3.6	1,008.2	6.6	20.6	19.6
333	Machinery.....	3,564.0	17.8	958.9	4.9	91.8	0.5	1,050.7	5.4	29.5	30.3
334	Computers and electronic products.....	3,345.5	18.7	572.7	3.3	216.9	1.3	789.6	4.6	23.6	24.6
335	Electrical equipment, appliances, and components.....	1,665.1	10.4	261.7	1.6	85.0	0.5	346.7	2.1	20.8	20.2
336	Transportation equipment.....	10,634.2	43.2	2,610.9	10.6	686.2	2.8	3,297.1	13.4	31.0	31.0
337	Furniture and related products.....	392.8	3.5	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
339	Miscellaneous products.....	3,078.3	13.4	689.1	2.9	61.3	0.3	750.4	3.2	24.4	23.9
	DELAWARE	15,245.7	36.6	1,389.1	4.2	393.2	1.0	1,782.3	5.2	11.7	14.2
311	Food.....	1,597.8	9.2	(D)	(D)	4.8	(Z)	(W)	(W)	(W)	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
322	Paper.....	556.0	1.4	23.0	0.1	15.3	(Z)	38.3	0.1	6.9	7.1
323	Printing and related support activities.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	5,467.5	6.1	723.1	1.2	233.4	0.4	956.5	1.6	17.5	26.2
326	Plastics and rubber products.....	502.9	2.3	83.8	0.4	32.1	0.1	115.9	0.5	23.0	21.7
327	Nonmetallic mineral products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
331	Primary metals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
332	Fabricated metal products.....	325.6	2.2	7.1	(Z)	15.5	0.1	22.6	0.1	6.9	4.5
333	Machinery.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
334	Computers and electronic products.....	521.9	2.4	250.9	1.2	3.2	(Z)	254.1	1.2	48.7	50.0
335	Electrical equipment, appliances, and components.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
336	Transportation equipment.....	2,651.0	4.2	74.4	0.1	6.7	(Z)	81.1	0.1	3.1	2.4
337	Furniture and related products.....	193.2	1.1	19.8	0.1	0.9	(Z)	20.7	0.1	10.7	9.1
339	Miscellaneous products.....	341.5	1.7	86.3	0.4	0.8	(Z)	87.1	0.4	25.5	23.5

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
	DISTRICT OF COLUMBIA	295.7	1.9	2.2	(Z)	0.1	(Z)	2.3	(Z)	0.8	(W)
323	Printing and related support activities.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
339	Miscellaneous products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
	FLORIDA	79,264.4	357.1	7,809.4	33.2	1,359.9	6.5	9,169.3	39.7	11.6	11.1
311	Food.....	10,083.9	31.7	346.0	0.8	36.7	0.1	382.7	0.9	3.8	2.8
312	Beverage and tobacco products.....	3,998.4	7.6	70.8	0.1	4.0	(Z)	74.8	0.1	1.9	1.3
313	Textile mills.....	201.2	1.4	9.6	0.1	20.8	0.1	30.4	0.2	15.1	14.3
314	Textile products.....	539.7	5.1	60.7	0.6	8.9	0.1	69.6	0.7	12.9	13.7
315	Apparel.....	1,502.4	8.8	57.8	0.4	4.5	(Z)	62.3	0.4	4.1	4.5
316	Leather and allied products.....	99.1	1.1	16.1	0.2	13.2	0.1	29.3	0.3	29.6	27.3
321	Wood products.....	2,734.6	16.7	45.6	0.2	31.9	0.1	77.5	0.3	2.8	1.8
322	Paper.....	3,414.0	10.0	397.7	1.0	84.4	0.3	482.1	1.3	14.1	13.0
323	Printing and related support activities.....	2,571.7	20.1	120.0	0.9	33.8	0.3	153.8	1.2	6.0	6.0
324	Petroleum and coal products.....	482.7	1.1	10.2	(Z)	6.3	(Z)	16.5	(Z)	3.4	(W)
325	Chemicals.....	8,672.6	19.0	1,523.3	2.7	207.8	0.4	1,731.1	3.1	20.0	16.3
326	Plastics and rubber products.....	2,750.7	15.8	108.9	0.6	73.9	0.4	182.8	1.0	6.6	6.3
327	Nonmetallic mineral products.....	4,665.3	21.3	27.9	0.1	17.8	0.1	45.7	0.2	1.0	0.9
331	Primary metals.....	1,003.7	3.5	91.2	0.3	66.2	0.3	157.4	0.6	15.7	17.1
332	Fabricated metal products.....	5,545.7	37.0	241.9	1.6	149.1	1.0	391.0	2.6	7.1	7.0
333	Machinery.....	3,968.8	18.9	765.0	3.6	44.6	0.2	809.6	3.8	20.4	20.1
334	Computers and electronic products.....	12,600.3	51.1	1,763.3	7.4	367.6	1.8	2,130.9	9.2	16.9	18.0
335	Electrical equipment, appliances, and components.....	1,405.2	8.4	257.7	1.5	42.0	0.2	299.7	1.7	21.3	20.2
336	Transportation equipment.....	4,767.2	27.3	822.7	4.7	63.0	0.3	885.7	5.0	18.6	18.3
337	Furniture and related products.....	1,911.1	16.5	18.1	0.2	8.7	0.1	26.8	0.3	1.4	1.8
339	Miscellaneous products.....	6,345.8	34.7	1,055.0	6.0	74.8	0.4	1,129.8	6.4	17.8	18.4
	GEORGIA	126,316.6	431.2	13,442.0	39.8	4,711.3	17.6	18,153.3	57.4	14.4	13.3
311	Food.....	18,320.0	58.0	524.8	2.1	192.6	0.5	717.4	2.6	3.9	4.5
312	Beverage and tobacco products.....	6,822.0	6.1	387.1	0.3	6.4	(Z)	393.5	0.3	5.8	4.9
313	Textile mills.....	6,021.4	35.7	630.0	3.8	424.8	2.5	1,054.8	6.3	17.5	17.6
314	Textile products.....	11,420.4	35.6	424.5	1.8	82.7	0.4	507.2	2.2	4.4	6.2
315	Apparel.....	752.7	6.6	73.3	0.7	13.3	0.1	86.6	0.8	11.5	12.1
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	4,474.2	22.6	75.6	0.3	193.6	0.8	269.2	1.1	6.0	4.9
322	Paper.....	9,337.9	22.0	(D)	(D)	389.0	0.9	(W)	(W)	(W)	(W)
323	Printing and related support activities.....	2,740.2	18.5	(D)	(D)	86.5	0.6	(W)	(W)	(W)	(W)
324	Petroleum and coal products.....	968.8	1.2	14.6	(Z)	21.2	(Z)	35.8	(Z)	3.7	(W)
325	Chemicals.....	12,237.8	24.2	1,590.0	3.1	1,198.7	2.6	2,788.7	5.7	22.8	23.6
326	Plastics and rubber products.....	6,117.5	28.2	272.4	1.3	382.5	1.8	654.9	3.1	10.7	11.0
327	Nonmetallic mineral products.....	3,813.1	18.6	285.8	1.2	56.9	0.3	342.7	1.5	9.0	8.1
331	Primary metals.....	1,968.3	5.3	61.6	0.1	211.1	0.8	272.7	0.9	13.9	17.0
332	Fabricated metal products.....	5,308.2	28.6	275.1	1.4	276.4	1.6	551.5	3.0	10.4	10.5
333	Machinery.....	6,460.5	23.6	1,426.3	4.9	199.5	0.8	1,625.8	5.7	25.2	24.2
334	Computers and electronic products.....	2,509.5	10.5	397.3	1.5	150.1	0.7	547.4	2.2	21.8	21.0
335	Electrical equipment, appliances, and components.....	4,760.8	17.4	750.0	2.8	75.6	0.3	825.6	3.1	17.3	17.8
336	Transportation equipment.....	17,119.4	40.1	4,292.6	9.1	696.0	2.6	4,988.6	11.7	29.1	29.2
337	Furniture and related products.....	1,847.4	12.9	10.8	0.1	7.6	0.1	18.4	0.2	1.0	1.6
339	Miscellaneous products.....	3,292.5	15.1	624.8	2.4	43.7	0.3	668.5	2.7	20.3	17.9
	HAWAII	3,876.9	13.5	333.1	0.6	34.6	0.1	367.7	0.7	9.5	5.2
311	Food.....	1,050.3	5.4	15.0	0.1	6.6	(Z)	21.6	0.1	2.1	1.9
312	Beverage and tobacco products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
315	Apparel.....	72.0	1.0	5.5	0.1	0.5	(Z)	6.0	0.1	8.3	10.0
322	Paper.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
323	Printing and related support activities.....	140.5	1.3	2.5	(Z)	0.4	(Z)	2.9	(Z)	2.1	(W)
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
326	Plastics and rubber products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
327	Nonmetallic mineral products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
332	Fabricated metal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
336	Transportation equipment.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
337	Furniture and related products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
339	Miscellaneous products.....	90.6	1.3	0.6	(Z)	0.1	(Z)	0.7	(Z)	0.8	(W)
	IDAHO	15,812.1	58.4	2,144.1	6.5	282.0	1.2	2,426.1	7.7	15.3	13.2
311	Food.....	5,387.2	16.3	171.9	0.5	40.9	0.1	212.8	0.6	4.0	3.7
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	1,551.0	7.2	23.8	0.1	12.6	0.1	36.4	0.2	2.3	2.8
322	Paper.....	659.5	1.9	52.1	0.1	21.1	0.1	73.2	0.2	11.1	10.5
323	Printing and related support activities.....	215.7	1.9	7.4	0.1	8.1	0.1	15.5	0.2	7.2	10.5
325	Chemicals.....	759.1	1.7	44.3	0.1	24.0	0.1	68.3	0.2	9.0	11.8
326	Plastics and rubber products.....	210.2	1.7	(D)	(D)	8.3	0.1	(W)	(W)	(W)	(W)
327	Nonmetallic mineral products.....	189.8	1.0	0.1	(Z)	1.4	(Z)	1.5	(Z)	0.8	(W)
331	Primary metals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
332	Fabricated metal products.....	382.3	3.1	20.4	0.2	31.1	0.3	51.5	0.5	13.5	16.1
333	Machinery.....	463.9	3.3	68.2	0.4	40.9	0.2	109.1	0.6	23.5	18.2
334	Computers and electronic products.....	5,036.5	13.5	1,682.6	4.5	76.7	0.2	1,759.3	4.7	34.9	34.8
335	Electrical equipment, appliances, and components.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
336	Transportation equipment.....	282.7	1.5	8.8	(Z)	1.6	(Z)	10.4	(Z)	3.7	(W)
337	Furniture and related products.....	198.7	1.9	0.7	(Z)	0.7	(Z)	1.4	(Z)	0.7	(W)
339	Miscellaneous products.....	180.2	1.5	20.7	0.2	1.7	(Z)	22.4	0.2	12.4	13.3

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
	ILLINOIS.....	191,218.4	706.5	21,634.9	73.4	10,394.5	41.5	32,029.4	114.9	16.8	16.3
311	Food.....	30,658.3	78.8	1,973.5	3.6	427.7	0.7	2,401.2	4.3	7.8	5.5
312	Beverage and tobacco products.....	2,351.6	3.5	23.7	(Z)	8.2	(Z)	31.9	(Z)	1.4	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	451.0	4.3	30.1	0.3	11.8	0.1	41.9	0.4	9.3	9.3
315	Apparel.....	663.8	5.9	47.7	0.4	7.3	0.1	55.0	0.5	8.3	8.5
316	Leather and allied products.....	324.8	2.4	56.9	0.4	18.5	0.1	75.4	0.5	23.2	20.8
321	Wood products.....	1,398.5	8.5	4.8	(Z)	37.3	0.2	42.1	0.2	3.0	2.4
322	Paper.....	5,240.6	23.5	222.5	1.0	371.6	1.6	594.1	2.6	11.3	11.1
323	Printing and related support activities.....	6,858.1	49.9	269.7	2.0	179.3	1.3	449.0	3.3	6.5	6.6
324	Petroleum and coal products.....	14,016.2	5.3	197.8	0.1	767.4	0.3	965.2	0.4	6.9	7.5
325	Chemicals.....	25,726.4	53.9	3,951.1	7.7	1,868.8	3.4	5,819.9	11.1	22.6	20.6
326	Plastics and rubber products.....	12,453.5	61.6	591.4	2.8	724.9	3.5	1,316.3	6.3	10.6	10.2
327	Nonmetallic mineral products.....	4,078.3	18.1	213.3	1.0	113.9	0.5	327.2	1.5	8.0	8.3
331	Primary metals.....	6,781.8	26.9	455.8	1.6	1,877.6	8.0	2,333.4	9.6	34.4	35.7
332	Fabricated metal products.....	17,609.6	107.5	1,250.9	6.6	1,684.5	10.5	2,935.4	17.1	16.7	15.9
333	Machinery.....	21,358.0	84.0	5,340.6	18.6	725.6	3.1	6,066.2	21.7	28.4	25.8
334	Computers and electronic products.....	10,015.7	38.7	2,571.9	8.8	548.5	3.2	3,120.4	12.0	31.2	31.0
335	Electrical equipment, appliances, and components.....	6,278.4	32.6	984.2	5.1	358.1	1.9	1,342.3	7.0	21.4	21.5
336	Transportation equipment.....	16,480.3	47.9	2,427.7	7.3	526.7	2.1	2,954.4	9.4	17.9	19.6
337	Furniture and related products.....	2,905.8	20.3	97.3	0.7	23.6	0.2	120.9	0.9	4.2	4.4
339	Miscellaneous products.....	5,430.4	32.2	896.1	5.2	100.3	0.6	996.4	5.8	18.3	18.0
	INDIANA.....	168,878.0	538.2	16,358.3	52.5	9,477.0	36.5	25,835.3	89.0	15.3	16.5
311	Food.....	13,184.0	32.0	485.0	1.2	128.3	0.3	613.3	1.5	4.7	4.7
312	Beverage and tobacco products.....	1,441.4	1.6	1.7	(Z)	5.6	(Z)	7.3	(Z)	0.5	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	262.6	2.7	4.9	0.1	24.1	0.3	29.0	0.4	11.0	14.8
315	Apparel.....	249.1	1.1	7.9	0.1	1.8	(Z)	9.7	0.1	3.9	9.1
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	3,110.4	19.0	196.2	1.2	135.2	0.8	331.4	2.0	10.7	10.5
322	Paper.....	3,118.5	11.9	183.3	0.7	258.0	1.0	441.3	1.7	14.2	14.3
323	Printing and related support activities.....	2,475.4	17.9	93.7	0.7	76.1	0.5	169.8	1.2	6.9	6.7
324	Petroleum and coal products.....	5,663.7	2.9	60.2	(Z)	424.5	0.2	484.7	0.2	8.6	6.9
325	Chemicals.....	15,668.7	22.9	1,528.9	2.7	1,125.5	2.5	2,654.4	5.2	16.9	22.7
326	Plastics and rubber products.....	8,055.9	46.5	552.0	3.2	660.7	3.9	1,212.7	7.1	15.1	15.3
327	Nonmetallic mineral products.....	3,402.6	16.3	203.1	1.0	156.2	0.8	359.3	1.8	10.6	11.0
331	Primary metals.....	18,858.1	49.0	1,455.3	4.0	2,463.7	7.8	3,919.0	11.8	20.8	24.1
332	Fabricated metal products.....	11,297.5	58.6	438.9	2.1	1,312.4	7.7	1,751.3	9.8	15.5	16.7
333	Machinery.....	10,125.8	38.0	1,734.2	5.7	381.4	1.7	2,115.6	7.4	20.9	19.5
334	Computers and electronic products.....	3,815.5	17.6	526.7	2.3	253.7	1.4	780.4	3.7	20.5	21.0
335	Electrical equipment, appliances, and components.....	2,778.9	12.9	425.9	2.1	225.5	1.1	651.4	3.2	23.4	24.8
336	Transportation equipment.....	55,043.5	135.3	7,464.0	21.1	1,658.7	5.4	9,122.7	26.5	16.6	19.6
337	Furniture and related products.....	4,129.0	26.3	179.0	1.2	20.4	0.1	199.4	1.3	4.8	4.9
339	Miscellaneous products.....	6,066.8	24.9	800.5	2.9	125.3	0.6	925.8	3.5	15.3	14.1
	IOWA.....	70,521.7	218.0	7,237.4	21.5	2,974.1	12.2	10,211.5	33.7	14.5	15.5
311	Food.....	24,920.9	48.1	1,751.2	3.2	323.9	0.6	2,075.1	3.8	8.3	7.9
314	Textile products.....	189.1	1.2	17.4	0.1	3.0	(Z)	20.4	0.1	10.8	8.3
315	Apparel.....	191.1	2.1	41.3	0.5	3.4	(Z)	44.7	0.5	23.4	23.8
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	1,557.0	10.6	10.3	0.1	19.8	0.1	30.1	0.2	1.9	1.9
322	Paper.....	1,393.4	3.9	47.0	0.1	108.4	0.3	155.4	0.4	11.2	10.3
323	Printing and related support activities.....	1,192.4	8.5	19.1	0.1	41.5	0.3	60.6	0.4	5.1	4.7
325	Chemicals.....	8,558.6	6.3	488.6	0.6	358.5	0.4	847.1	1.0	9.9	15.9
326	Plastics and rubber products.....	2,791.6	15.2	160.1	0.9	311.2	1.7	471.3	2.6	16.9	17.1
327	Nonmetallic mineral products.....	1,778.8	6.6	4.3	(Z)	22.4	0.1	26.7	0.1	1.5	1.5
331	Primary metals.....	2,354.5	8.1	306.5	0.8	648.9	2.5	955.4	3.3	40.6	40.7
332	Fabricated metal products.....	3,388.8	21.8	228.3	1.6	535.7	3.7	764.0	5.3	22.5	24.3
333	Machinery.....	11,008.4	31.7	2,870.3	7.3	309.2	1.2	3,179.5	8.5	28.9	26.8
334	Computers and electronic products.....	1,995.9	11.3	270.4	1.5	32.4	0.2	302.8	1.7	15.2	15.0
335	Electrical equipment, appliances, and components.....	3,042.4	11.5	561.7	2.1	68.4	0.3	630.1	2.4	20.7	20.9
336	Transportation equipment.....	3,312.1	15.6	336.5	1.5	147.0	0.6	483.5	2.1	14.6	13.5
337	Furniture and related products.....	1,446.1	8.0	6.2	(Z)	2.7	(Z)	8.9	(Z)	0.6	(W)
339	Miscellaneous products.....	678.6	5.6	92.2	0.8	14.7	0.1	106.9	0.9	15.8	16.1
	KANSAS.....	50,674.6	167.8	5,674.6	18.6	2,291.7	8.7	7,966.3	27.3	15.7	16.3
311	Food.....	14,490.0	31.3	1,388.5	2.7	268.2	0.5	1,656.7	3.2	11.4	10.2
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	208.0	2.0	0.0	(Z)	6.0	0.1	6.0	0.1	2.9	5.0
322	Paper.....	591.5	2.8	14.3	0.1	50.6	0.3	64.9	0.4	11.0	14.3
323	Printing and related support activities.....	1,657.9	10.8	69.5	0.5	25.4	0.2	94.9	0.7	5.7	6.5
324	Petroleum and coal products.....	4,117.5	1.9	8.3	(Z)	151.9	0.1	160.2	0.1	3.9	5.3
325	Chemicals.....	3,503.4	6.6	195.1	0.3	203.6	0.4	398.7	0.7	11.4	10.6
326	Plastics and rubber products.....	2,694.1	12.0	166.3	0.7	127.2	0.6	293.5	1.3	10.9	10.8
327	Nonmetallic mineral products.....	1,361.6	5.4	13.4	0.1	16.3	0.1	29.7	0.2	2.2	3.7
331	Primary metals.....	340.1	2.0	31.3	0.2	99.0	0.5	130.3	0.7	38.3	35.0
332	Fabricated metal products.....	2,025.8	12.8	148.1	0.9	191.5	1.4	339.6	2.3	16.8	18.0
333	Machinery.....	3,792.4	16.9	449.5	2.2	106.3	0.6	555.8	2.8	14.7	16.6
334	Computers and electronic products.....	1,553.3	5.9	471.1	1.5	179.4	0.9	650.5	2.4	41.9	40.7
335	Electrical equipment, appliances, and components.....	850.2	3.9	169.7	1.0	19.5	0.2	189.2	1.2	22.3	30.8
336	Transportation equipment.....	11,928.2	40.9	2,475.8	8.2	818.6	3.0	3,294.4	11.2	27.6	27.4
337	Furniture and related products.....	513.0	4.9	1.3	(Z)	1.7	(Z)	3.0	(Z)	0.6	(W)
339	Miscellaneous products.....	560.7	4.8	15.7	0.1	9.0	0.1	24.7	0.2	4.4	4.2

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
KENTUCKY		89,889.7	251.6	9,107.0	22.9	5,285.0	17.0	14,392.0	39.9	16.0	15.9
311	Food.....	7,055.8	23.6	201.4	0.4	56.3	0.1	257.7	0.5	3.7	2.1
312	Beverage and tobacco products.....	1,917.9	4.2	80.2	0.2	10.0	(Z)	90.2	0.2	4.7	4.8
313	Textile mills.....	262.4	1.8	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	241.9	2.2	7.2	0.1	8.2	0.1	15.4	0.2	6.4	9.1
315	Apparel.....	1,101.8	7.2	37.5	0.3	8.9	0.1	46.4	0.4	4.2	5.6
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	1,616.0	11.2	60.0	0.4	64.9	0.4	124.9	0.8	7.7	7.1
322	Paper.....	4,279.3	10.8	193.7	0.5	207.0	0.5	400.7	1.0	9.4	9.3
323	Printing and related support activities.....	1,596.8	12.3	40.6	0.3	40.5	0.3	81.1	0.6	5.1	4.9
324	Petroleum and coal products.....	3,238.8	1.3	15.4	(Z)	359.9	0.1	375.3	0.1	11.6	7.7
325	Chemicals.....	7,554.1	13.5	1,523.6	2.5	884.2	1.5	2,407.8	4.0	31.9	29.6
326	Plastics and rubber products.....	3,779.3	19.4	331.1	1.7	334.4	1.7	665.5	3.4	17.6	17.5
327	Nonmetallic mineral products.....	2,203.4	10.1	334.3	1.3	106.6	0.5	440.9	1.8	20.0	17.8
331	Primary metals.....	6,408.6	13.0	488.8	1.1	906.9	2.0	1,395.7	3.1	21.8	23.8
332	Fabricated metal products.....	5,277.3	24.1	347.2	1.5	470.9	2.6	818.1	4.1	15.5	17.0
333	Machinery.....	3,685.2	18.0	519.7	2.4	194.9	0.9	714.6	3.3	19.4	18.3
334	Computers and electronic products.....	3,068.9	7.2	1,122.2	2.1	198.4	1.0	1,320.6	3.1	43.0	43.1
335	Electrical equipment, appliances, and components.....	2,808.1	10.6	353.9	1.4	101.7	0.4	455.6	1.8	16.2	17.0
336	Transportation equipment.....	32,117.2	47.9	3,096.5	4.3	1,245.3	4.0	4,341.8	8.3	13.5	17.3
337	Furniture and related products.....	526.1	5.1	12.4	0.1	4.2	(Z)	16.6	0.1	3.2	2.0
339	Miscellaneous products.....	1,098.2	7.7	211.0	1.5	33.7	0.2	244.7	1.7	22.3	22.1
LOUISIANA		94,906.8	146.0	7,431.5	11.6	3,184.3	4.7	10,615.8	16.3	11.2	11.2
311	Food.....	6,305.9	18.1	557.8	0.8	46.6	0.1	604.4	0.9	9.6	5.0
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	103.5	1.2	3.5	(Z)	3.9	(Z)	7.4	(Z)	7.1	(W)
315	Apparel.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(W)	(W)
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	1,940.4	8.2	41.7	0.2	45.7	0.2	87.4	0.4	4.5	4.9
322	Paper.....	4,194.9	8.9	298.4	0.6	117.8	0.3	416.2	0.9	9.9	10.1
323	Printing and related support activities.....	342.1	3.1	6.7	0.1	10.3	0.1	17.0	0.2	5.0	6.5
324	Petroleum and coal products.....	36,894.9	9.0	697.8	0.2	1,003.8	0.2	1,701.6	0.4	4.6	4.4
325	Chemicals.....	30,971.1	24.0	4,483.0	3.4	1,547.3	1.3	6,030.3	4.7	19.5	19.6
326	Plastics and rubber products.....	939.8	5.2	57.7	0.3	60.4	0.3	118.1	0.6	12.6	11.5
327	Nonmetallic mineral products.....	795.9	4.8	28.6	0.1	20.1	0.1	48.7	0.2	6.1	4.2
331	Primary metals.....	726.3	2.5	66.8	0.3	53.7	0.2	120.5	0.5	16.6	20.0
332	Fabricated metal products.....	3,149.3	21.2	210.5	1.2	149.9	1.1	360.4	2.3	11.4	10.8
333	Machinery.....	1,653.6	8.6	361.4	2.0	38.6	0.2	400.0	2.2	24.2	25.6
334	Computers and electronic products.....	214.2	1.3	92.0	0.6	25.4	0.2	117.4	0.8	54.8	61.5
335	Electrical equipment, appliances, and components.....	399.7	1.7	136.0	0.5	6.3	(Z)	142.3	0.5	35.6	29.4
336	Transportation equipment.....	4,825.5	19.7	362.9	1.0	36.5	0.2	399.4	1.2	8.3	6.1
337	Furniture and related products.....	122.2	1.2	0.6	(Z)	0.7	(Z)	1.3	(Z)	1.1	(W)
339	Miscellaneous products.....	621.8	4.1	6.2	0.1	11.9	0.1	18.1	0.2	2.9	4.9
MAINE		13,950.7	64.6	1,541.7	6.1	367.5	1.6	1,909.2	7.7	13.7	11.9
311	Food.....	1,833.7	7.9	49.0	0.2	13.7	0.1	62.7	0.3	3.4	3.8
313	Textile mills.....	261.1	1.6	37.2	0.2	15.3	0.1	52.5	0.3	20.1	18.8
314	Textile products.....	147.5	1.3	8.7	0.1	1.4	(Z)	10.1	0.1	6.8	7.7
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
316	Leather and allied products.....	395.0	2.0	96.6	0.5	35.6	0.2	132.2	0.7	33.5	35.0
321	Wood products.....	1,049.9	5.9	58.3	0.3	46.7	0.2	105.0	0.5	10.0	8.5
322	Paper.....	3,490.4	9.3	(D)	(D)	57.9	0.2	(W)	(W)	(W)	(W)
323	Printing and related support activities.....	294.3	2.2	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	361.3	2.0	36.6	0.2	14.5	0.1	51.1	0.3	14.1	15.0
326	Plastics and rubber products.....	427.3	2.3	57.2	0.3	17.7	0.1	74.9	0.4	17.5	17.4
327	Nonmetallic mineral products.....	221.6	1.3	0.1	(Z)	1.6	(Z)	1.7	(Z)	0.8	(W)
331	Primary metals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
332	Fabricated metal products.....	726.7	4.4	28.1	0.2	32.7	0.2	60.8	0.4	8.4	9.1
333	Machinery.....	486.7	2.8	103.1	0.6	11.1	0.1	114.2	0.7	23.5	25.0
334	Computers and electronic products.....	729.3	3.8	(D)	(D)	25.0	0.1	(W)	(W)	(W)	(W)
335	Electrical equipment, appliances, and components.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
336	Transportation equipment.....	2,090.7	9.7	349.7	0.6	80.4	0.1	430.1	0.7	20.6	7.2
337	Furniture and related products.....	229.0	3.1	2.3	(Z)	0.4	(Z)	2.7	(Z)	1.2	(W)
339	Miscellaneous products.....	327.5	2.6	18.1	0.1	2.0	(Z)	20.1	0.1	6.1	3.8
MARYLAND		35,851.8	143.3	3,820.5	14.9	709.8	3.5	4,530.3	18.4	12.6	12.8
311	Food.....	5,179.0	15.3	110.7	0.3	21.1	0.1	131.8	0.4	2.5	2.6
312	Beverage and tobacco products.....	855.9	1.5	0.9	(Z)	1.3	(Z)	2.2	(Z)	0.3	(W)
313	Textile mills.....	415.0	2.0	136.3	0.6	9.2	0.1	145.5	0.7	35.1	35.0
314	Textile products.....	462.9	1.3	8.2	(Z)	2.2	(Z)	10.4	(Z)	2.2	(W)
315	Apparel.....	1,75.9	2.0	11.3	0.1	1.1	(Z)	12.4	0.1	7.0	5.0
316	Leather and allied products.....	204.4	1.0	179.9	0.8	0.2	(Z)	180.1	0.8	88.1	80.0
321	Wood products.....	881.9	5.0	36.8	0.1	19.4	0.1	56.2	0.2	6.4	4.0
322	Paper.....	1,169.7	4.8	72.3	0.4	61.8	0.3	134.1	0.7	11.5	14.6
323	Printing and related support activities.....	2,092.4	16.7	73.7	0.6	27.9	0.2	101.6	0.8	4.9	4.8
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	4,971.5	11.3	292.1	0.8	88.5	0.2	380.6	1.0	7.7	8.8
326	Plastics and rubber products.....	1,698.9	8.7	107.5	0.5	52.3	0.3	159.8	0.8	9.4	9.2
327	Nonmetallic mineral products.....	1,178.2	4.9	6.6	(Z)	5.8	(Z)	12.4	(Z)	1.1	(W)
331	Primary metals.....	1,588.0	4.3	51.2	0.1	78.3	0.3	129.5	0.4	8.2	9.3
332	Fabricated metal products.....	2,088.2	12.1	198.3	0.8	62.4	0.4	260.7	1.2	12.5	9.9
333	Machinery.....	2,099.3	8.9	483.0	1.9	32.7	0.1	515.7	2.0	24.6	22.5
334	Computers and electronic products.....	6,093.5	23.2	1,413.9	5.1	179.9	1.0	1,593.8	6.1	26.2	26.3
335	Electrical equipment, appliances, and components.....	285.1	2.2	81.6	0.6	26.1	0.2	107.7	0.8	37.8	36.4
336	Transportation equipment.....	2,421.5	6.7	374.6	1.0	27.1	0.1	401.7	1.1	16.6	16.4
337	Furniture and related products.....	623.8	5.3	14.3	0.1	1.5	(Z)	15.8	0.1	2.5	1.9
339	Miscellaneous products.....	806.6	5.1	159.1	1.0	7.8	0.1	166.9	1.1	20.7	21.6

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
	MASSACHUSETTS.....	78,507.1	322.9	14,066.9	51.2	4,756.5	20.1	18,823.4	71.3	24.0	22.1
311	Food.....	5,294.3	20.4	398.8	1.4	39.9	0.2	438.7	1.6	8.3	7.8
313	Textile mills.....	1,597.3	10.3	263.7	1.7	131.6	0.9	395.3	2.6	24.7	25.2
314	Textile products.....	500.9	4.1	17.0	0.1	9.6	0.1	26.6	0.2	5.3	4.9
315	Apparel.....	374.4	3.9	35.7	0.4	4.8	(Z)	40.5	0.4	10.8	10.3
316	Leather and allied products.....	158.2	1.4	39.4	0.3	13.4	0.1	52.8	0.4	33.4	28.6
321	Wood products.....	517.2	3.6	14.6	0.1	15.5	0.1	30.1	0.2	5.8	5.6
322	Paper.....	3,420.5	15.1	376.2	1.6	294.7	1.2	670.9	2.8	19.6	18.5
323	Printing and related support activities.....	2,132.9	16.3	87.2	0.7	101.4	0.8	188.6	1.5	8.8	9.2
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	8,738.1	22.3	999.1	2.5	648.3	1.6	1,647.4	4.1	18.9	18.4
326	Plastics and rubber products.....	3,581.8	18.8	309.8	1.6	353.1	1.9	662.9	3.5	18.5	18.6
327	Nonmetallic mineral products.....	1,218.1	7.3	63.0	0.4	55.5	0.3	118.5	0.7	9.7	9.6
331	Primary metals.....	1,007.5	4.5	326.8	1.2	151.9	0.8	478.7	2.0	47.5	44.4
332	Fabricated metal products.....	5,834.0	37.0	350.8	1.9	731.0	5.4	1,081.8	7.3	18.5	19.7
333	Machinery.....	4,736.5	25.2	1,343.7	6.9	200.9	1.0	1,544.6	7.9	32.6	31.3
334	Computers and electronic products.....	22,612.0	63.1	5,738.9	17.5	1,281.5	3.5	7,020.4	21.0	31.0	33.3
335	Electrical equipment, appliances, and components.....	2,897.3	16.5	827.1	4.9	201.7	1.2	1,028.8	6.1	35.5	37.0
336	Transportation equipment.....	4,046.0	9.6	1,838.3	3.4	405.5	0.7	2,243.8	4.1	55.5	42.7
337	Furniture and related products.....	1,080.0	7.7	21.0	0.2	6.6	0.1	27.6	0.3	2.6	3.9
339	Miscellaneous products.....	7,128.1	32.3	988.5	4.3	98.3	0.5	1,086.8	4.8	15.2	14.9
	MICHIGAN.....	224,770.2	689.7	26,139.9	79.4	14,351.1	59.8	40,491.0	139.2	18.0	20.2
311	Food.....	11,348.4	30.2	338.3	0.9	98.6	0.3	436.9	1.2	3.8	4.0
312	Beverage and tobacco products.....	1,849.5	4.1	17.4	(Z)	6.2	(Z)	23.6	(Z)	1.3	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	251.3	2.0	16.9	0.1	44.7	0.3	61.6	0.4	24.5	20.0
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
316	Leather and allied products.....	228.3	1.8	252.7	0.7	116.6	0.3	369.3	1.0	161.8	55.6
321	Wood products.....	2,095.9	11.0	135.3	0.7	98.5	0.6	233.8	1.3	11.2	11.8
322	Paper.....	4,408.9	14.8	266.3	0.9	521.3	1.7	787.6	2.6	17.9	17.6
323	Printing and related support activities.....	2,815.5	19.2	158.4	1.1	99.0	0.7	257.4	1.8	9.1	9.4
324	Petroleum and coal products.....	1,670.5	1.5	56.6	0.1	80.4	0.1	137.0	0.2	8.2	13.3
325	Chemicals.....	11,818.2	30.9	1,528.9	3.5	1,263.1	3.1	2,792.0	6.6	23.6	21.4
326	Plastics and rubber products.....	10,539.7	61.7	1,028.7	6.1	1,021.8	6.1	2,050.5	12.2	19.5	19.8
327	Nonmetallic mineral products.....	4,038.4	17.1	496.1	2.0	263.0	1.1	759.1	3.1	18.8	18.1
331	Primary metals.....	6,978.3	28.2	758.5	2.5	3,407.8	13.6	4,166.3	16.1	59.7	57.1
332	Fabricated metal products.....	13,453.8	86.5	875.6	5.7	2,241.7	13.9	3,117.3	19.6	23.2	22.7
333	Machinery.....	16,944.4	79.3	3,002.3	13.3	695.5	3.0	3,697.8	16.3	21.8	20.6
334	Computers and electronic products.....	4,814.5	19.5	629.7	2.5	270.7	1.4	900.4	3.9	18.7	20.0
335	Electrical equipment, appliances, and components.....	2,595.9	12.3	387.4	1.8	179.4	1.1	566.8	2.9	21.8	23.6
336	Transportation equipment.....	119,700.9	218.6	15,753.4	35.3	3,758.9	11.3	19,512.3	46.6	16.3	21.3
337	Furniture and related products.....	6,089.6	33.3	193.7	1.0	38.8	0.2	232.5	1.2	3.8	3.6
339	Miscellaneous products.....	2,911.5	16.2	230.8	1.2	97.1	0.6	327.9	1.8	11.3	11.1
	MINNESOTA.....	82,351.1	332.8	8,990.3	37.5	3,305.3	15.9	12,295.6	53.4	14.9	16.0
311	Food.....	15,487.9	44.9	505.5	1.2	250.8	0.5	756.3	1.7	4.9	3.8
312	Beverage and tobacco products.....	581.4	1.4	0.8	(Z)	2.7	(Z)	3.5	(Z)	0.6	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	180.6	1.9	2.2	(Z)	6.8	0.1	9.0	0.1	5.0	5.3
315	Apparel.....	119.6	1.4	28.4	0.3	1.4	(Z)	29.8	0.3	24.9	21.4
316	Leather and allied products.....	254.4	1.5	85.6	0.5	68.5	0.2	154.1	0.7	60.6	46.7
321	Wood products.....	3,256.6	16.8	34.4	0.2	30.8	0.2	65.2	0.4	2.0	2.4
322	Paper.....	4,162.6	13.2	176.1	0.5	257.4	0.7	433.5	1.2	10.4	9.1
323	Printing and related support activities.....	4,231.7	29.6	226.9	1.6	91.4	0.6	318.3	2.2	7.5	7.4
324	Petroleum and coal products.....	4,746.4	1.8	5.1	(Z)	102.2	(Z)	107.3	(Z)	2.3	(W)
325	Chemicals.....	3,369.0	8.3	292.1	0.5	257.8	0.8	549.9	1.3	16.3	15.7
326	Plastics and rubber products.....	2,986.6	18.6	249.5	1.5	264.8	1.7	514.3	3.2	17.2	17.2
327	Nonmetallic mineral products.....	1,790.7	9.3	49.4	0.3	38.4	0.2	87.8	0.5	4.9	5.4
331	Primary metals.....	1,256.5	7.1	71.0	0.4	225.9	1.3	296.9	1.7	23.6	23.9
332	Fabricated metal products.....	6,391.4	39.2	470.1	2.4	556.3	3.9	1,026.4	6.3	16.1	16.1
333	Machinery.....	6,721.3	31.9	1,553.7	7.2	174.0	0.9	1,727.7	8.1	25.7	25.4
334	Computers and electronic products.....	12,185.9	47.6	3,720.4	14.9	740.4	3.6	4,460.8	18.5	36.6	38.9
335	Electrical equipment, appliances, and components.....	3,007.4	11.6	428.6	1.7	118.9	0.5	547.5	2.2	18.2	19.0
336	Transportation equipment.....	6,958.7	16.0	540.1	1.1	43.2	0.2	583.3	1.3	8.4	8.1
337	Furniture and related products.....	1,417.3	11.3	30.4	0.2	5.4	(Z)	35.8	0.2	2.5	1.8
339	Miscellaneous products.....	3,181.8	19.1	506.0	2.9	64.7	0.4	570.7	3.3	17.9	17.3
	MISSISSIPPI.....	39,847.9	168.4	2,893.3	10.8	960.1	3.1	3,853.4	13.9	9.7	8.3
311	Food.....	4,813.5	25.3	115.5	0.6	44.0	0.1	159.5	0.7	3.3	2.8
313	Textile mills.....	238.0	1.1	35.9	0.2	21.4	0.1	57.3	0.3	24.1	27.3
314	Textile products.....	259.3	2.2	22.3	0.2	8.5	0.1	30.8	0.3	11.9	13.6
315	Apparel.....	648.8	5.3	75.9	0.6	8.0	0.1	83.9	0.7	12.9	13.2
321	Wood products.....	2,490.5	11.8	96.3	0.4	75.8	0.4	172.1	0.8	6.9	6.8
322	Paper.....	2,547.8	6.3	345.7	0.7	79.3	0.2	425.0	0.9	16.7	14.3
323	Printing and related support activities.....	501.0	3.1	9.1	0.1	7.2	(Z)	16.3	0.1	3.3	3.2
324	Petroleum and coal products.....	3,437.3	1.9	129.0	0.1	104.0	0.1	233.0	0.2	6.8	10.5
325	Chemicals.....	4,321.2	6.6	793.1	1.0	250.8	0.3	1,043.9	1.3	24.2	19.7
326	Plastics and rubber products.....	2,047.2	9.3	85.1	0.4	62.8	0.3	147.9	0.7	7.2	7.5
327	Nonmetallic mineral products.....	966.1	4.3	1.2	(Z)	7.8	(Z)	9.0	(Z)	0.9	(W)
331	Primary metals.....	998.4	3.1	71.3	0.2	115.8	0.4	187.1	0.6	18.7	19.4
332	Fabricated metal products.....	2,019.9	11.6	101.6	0.6	71.8	0.5	173.4	1.1	8.6	9.5
333	Machinery.....	2,332.5	11.0	231.6	1.1	23.9	0.1	255.5	1.2	11.0	10.9
334	Computers and electronic products.....	492.6	2.6	52.7	0.4	4.5	(Z)	57.2	0.4	11.6	15.4
335	Electrical equipment, appliances, and components.....	1,970.6	10.3	154.0	0.7	16.7	0.1	170.7	0.8	8.7	7.8
336	Transportation equipment.....	5,360.5	22.7	334.3	1.7	41.2	0.2	375.5	1.9	7.0	8.4
337	Furniture and related products.....	3,659.3	25.3	143.6	1.3	3.0	(Z)	146.6	1.3	4.0	5.1
339	Miscellaneous products.....	590.6	4.0	93.4	0.6	5.9	(Z)	99.3	0.6	16.8	15.0

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
	MISSOURI.....	96,189.6	307.2	7,818.5	24.6	3,551.3	14.3	11,369.8	38.9	11.8	12.7
311	Food.....	12,936.5	35.7	407.3	1.2	189.8	0.4	597.1	1.6	4.6	4.5
312	Beverage and tobacco products.....	2,270.5	3.5	0.8	(Z)	2.8	(Z)	3.6	(Z)	0.2	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	287.6	1.9	1.9	(Z)	7.9	0.1	9.8	0.1	3.4	5.3
315	Apparel.....	313.8	4.6	48.7	0.6	7.0	0.1	55.7	0.7	17.8	15.2
316	Leather and allied products.....	364.2	1.6	50.6	0.2	111.7	0.2	162.3	0.4	44.6	25.0
321	Wood products.....	1,115.4	8.1	128.2	0.9	51.2	0.3	179.4	1.2	16.1	14.8
322	Paper.....	3,487.5	9.8	100.7	0.4	92.1	0.3	192.8	0.7	5.5	7.1
323	Printing and related support activities.....	2,606.5	18.2	157.1	1.1	56.4	0.4	213.5	1.5	8.2	8.2
324	Petroleum and coal products.....	711.3	1.5	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	12,316.5	18.3	1,057.9	1.8	480.4	1.0	1,538.3	2.8	12.5	15.3
326	Plastics and rubber products.....	3,650.0	20.7	184.5	1.0	240.3	1.4	424.8	2.4	11.6	11.6
327	Nonmetallic mineral products.....	1,917.2	9.1	85.9	0.6	33.8	0.2	119.7	0.8	6.2	8.8
331	Primary metals.....	2,262.7	10.1	140.5	0.6	331.9	1.4	472.4	2.0	20.9	19.8
332	Fabricated metal products.....	5,137.8	31.3	245.0	1.3	319.8	2.2	564.8	3.5	11.0	11.2
333	Machinery.....	5,529.6	32.7	688.7	3.8	140.0	0.7	828.7	4.5	15.0	13.8
334	Computers and electronic products.....	2,353.6	8.3	430.4	1.6	107.6	0.4	538.0	2.0	22.9	24.1
335	Electrical equipment, appliances, and components.....	2,850.0	13.2	521.5	2.5	54.6	0.3	576.1	2.8	20.2	21.2
336	Transportation equipment.....	32,878.0	53.5	3,315.2	5.1	1,284.4	4.6	4,599.6	9.7	14.0	18.1
337	Furniture and related products.....	1,350.3	11.6	40.3	0.3	4.1	(Z)	44.4	0.3	3.3	2.6
339	Miscellaneous products.....	1,769.2	13.0	169.6	1.3	18.6	0.1	188.2	1.4	10.6	10.8
	MONTANA.....	5,351.6	16.8	255.3	1.2	34.8	0.2	290.1	1.4	5.4	8.3
311	Food.....	528.0	2.1	1.8	(Z)	0.4	(Z)	2.2	(Z)	0.4	(W)
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	802.9	4.1	7.7	(Z)	7.6	(Z)	15.3	(Z)	1.9	(W)
323	Printing and related support activities.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
326	Plastics and rubber products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
327	Nonmetallic mineral products.....	225.0	1.1	6.0	(Z)	0.1	(Z)	6.1	(Z)	2.7	(W)
331	Primary metals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
332	Fabricated metal products.....	156.3	1.1	1.3	(Z)	3.5	(Z)	4.8	(Z)	3.1	(W)
333	Machinery.....	216.8	1.2	55.3	0.3	5.3	(Z)	60.6	0.3	28.0	25.0
334	Computers and electronic products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
335	Electrical equipment, appliances, and components.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
336	Transportation equipment.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
337	Furniture and related products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
339	Miscellaneous products.....	185.2	1.3	18.5	0.1	0.8	(Z)	19.3	0.1	10.4	7.7
	NEBRASKA.....	33,030.6	101.8	3,446.9	10.4	1,109.5	3.5	4,556.4	13.9	13.8	13.7
311	Food.....	18,564.7	37.7	1,705.3	3.3	457.3	0.7	2,162.6	4.0	11.6	10.6
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	259.4	2.0	4.1	(Z)	5.0	(Z)	9.1	(Z)	3.5	(W)
322	Paper.....	464.9	1.6	24.7	0.1	40.2	0.1	64.9	0.2	14.0	12.5
323	Printing and related support activities.....	549.7	4.3	11.8	0.1	19.8	0.2	31.6	0.3	5.7	7.0
325	Chemicals.....	1,803.5	3.0	134.6	0.2	118.0	0.1	252.6	0.3	14.0	10.0
326	Plastics and rubber products.....	1,019.9	6.1	47.9	0.3	59.0	0.4	106.9	0.7	10.5	11.5
327	Nonmetallic mineral products.....	555.8	2.9	2.9	(Z)	10.4	0.1	13.3	0.1	2.4	3.4
331	Primary metals.....	355.4	1.1	20.5	(Z)	103.2	0.3	123.7	0.3	34.8	27.3
332	Fabricated metal products.....	1,267.5	8.2	94.7	0.6	87.1	0.6	181.8	1.2	14.3	14.6
333	Machinery.....	1,993.3	9.4	425.5	1.9	49.7	0.3	475.2	2.2	23.8	23.4
334	Computers and electronic products.....	839.5	4.5	217.0	1.1	53.2	0.3	270.2	1.4	32.2	31.1
335	Electrical equipment, appliances, and components.....	1,094.2	4.2	192.9	0.7	9.1	(Z)	202.0	0.7	18.5	16.7
336	Transportation equipment.....	1,825.3	7.9	296.6	1.3	50.7	0.2	347.3	1.5	19.0	19.0
337	Furniture and related products.....	431.2	2.5	39.3	0.2	1.9	(Z)	41.2	0.2	9.6	8.0
339	Miscellaneous products.....	1,590.6	5.2	142.8	0.5	13.2	(Z)	156.0	0.5	9.8	9.6
	NEVADA.....	9,050.4	44.3	783.4	4.9	95.2	0.6	878.6	5.5	9.7	12.4
311	Food.....	1,068.2	3.2	4.6	(Z)	0.7	(Z)	5.3	(Z)	0.5	(W)
312	Beverage and tobacco products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	176.9	1.6	0.3	(Z)	1.0	(Z)	1.3	(Z)	0.7	(W)
322	Paper.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
323	Printing and related support activities.....	515.8	2.8	24.8	0.1	4.8	(Z)	29.6	0.1	5.7	3.6
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	245.8	1.1	11.4	0.3	2.5	(Z)	13.9	0.3	5.7	27.3
326	Plastics and rubber products.....	722.9	3.0	4.2	(Z)	11.6	(Z)	15.8	(Z)	2.2	(W)
327	Nonmetallic mineral products.....	965.1	4.0	7.2	(Z)	1.5	(Z)	8.7	(Z)	0.9	(W)
331	Primary metals.....	306.5	1.2	40.1	0.1	13.5	0.1	53.6	0.2	17.5	16.7
332	Fabricated metal products.....	769.0	4.9	90.2	0.5	20.1	0.2	110.3	0.7	14.3	14.3
333	Machinery.....	637.7	4.7	111.4	0.8	2.2	(Z)	113.6	0.8	17.8	17.0
334	Computers and electronic products.....	548.6	3.0	179.6	1.1	17.2	0.1	196.8	1.2	35.9	40.0
335	Electrical equipment, appliances, and components.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
336	Transportation equipment.....	221.8	1.5	73.8	0.6	6.2	(Z)	80.0	0.6	36.1	40.0
337	Furniture and related products.....	494.5	2.7	0.7	(Z)	0.2	(Z)	0.9	(Z)	0.2	(W)
339	Miscellaneous products.....	1,550.6	7.5	167.0	0.8	6.7	(Z)	173.7	0.8	11.2	10.7

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
	NEW HAMPSHIRE	15,799.8	82.6	2,005.3	10.1	664.1	4.0	2,669.4	14.1	16.9	17.1
311	Food.....	565.4	2.0	1.0	(Z)	1.4	(Z)	2.4	(Z)	0.4	(W)
312	Beverage and tobacco products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
313	Textile mills.....	218.6	1.7	47.0	0.3	9.3	0.1	56.3	0.4	25.8	23.5
314	Textile products.....	147.1	1.0	1.5	(Z)	0.3	(Z)	1.8	(Z)	1.2	(W)
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	548.8	3.5	23.8	0.1	17.8	0.1	41.6	0.2	7.6	5.7
322	Paper.....	478.8	2.0	46.0	0.2	42.7	0.2	88.7	0.4	18.5	20.0
323	Printing and related support activities.....	627.2	6.2	15.7	0.2	10.6	0.1	26.3	0.3	4.2	4.8
325	Chemicals.....	406.4	1.8	70.3	0.3	41.9	0.2	112.2	0.5	27.6	27.8
326	Plastics and rubber products.....	850.9	5.0	80.8	0.5	46.6	0.3	127.4	0.8	15.0	16.0
327	Nonmetallic mineral products.....	483.9	2.2	18.2	0.1	62.8	0.3	81.0	0.4	16.7	18.2
331	Primary metals.....	342.9	2.4	35.7	0.3	50.8	0.4	86.5	0.7	25.2	29.2
332	Fabricated metal products.....	1,605.5	11.3	123.1	0.8	123.6	1.1	246.7	1.9	15.4	16.8
333	Machinery.....	1,706.6	8.6	589.8	2.8	42.4	0.2	632.2	3.0	37.0	34.9
334	Computers and electronic products.....	4,408.2	16.9	487.3	2.1	137.2	0.7	624.5	2.8	14.2	16.6
335	Electrical equipment, appliances, and components.....	906.4	4.1	321.8	1.4	54.1	0.2	375.9	1.6	41.5	39.0
336	Transportation equipment.....	590.8	3.0	19.1	0.1	6.9	(Z)	26.0	0.1	4.4	3.3
337	Furniture and related products.....	124.8	1.2	(D)	(D)	1.4	(Z)	(W)	(W)	(W)	(W)
339	Miscellaneous products.....	1,059.5	7.6	89.4	0.6	11.7	0.1	101.1	0.7	9.5	9.2
	NEW JERSEY	96,521.4	339.4	9,431.2	34.3	3,517.0	11.4	12,948.2	45.7	13.4	13.5
311	Food.....	8,962.2	29.4	861.4	2.9	87.5	0.2	948.9	3.1	10.6	10.5
312	Beverage and tobacco products.....	2,438.1	3.5	13.1	(Z)	1.5	(Z)	14.6	(Z)	0.6	(W)
313	Textile mills.....	951.6	5.6	136.4	0.8	87.4	0.6	223.8	1.4	23.5	25.0
314	Textile products.....	613.5	4.5	35.2	0.3	11.8	0.1	47.0	0.4	7.7	8.9
315	Apparel.....	1,249.1	9.6	155.2	1.4	18.0	0.2	173.2	1.6	13.9	16.7
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	489.3	3.3	14.3	0.1	9.7	0.1	24.0	0.2	4.9	6.1
322	Paper.....	3,464.5	15.0	442.1	2.0	256.6	1.0	698.7	3.0	20.2	20.0
323	Printing and related support activities.....	3,552.0	25.6	147.9	1.1	82.2	0.6	230.1	1.7	6.5	6.6
324	Petroleum and coal products.....	10,569.9	3.7	244.2	0.1	471.3	0.2	715.5	0.3	6.8	8.1
325	Chemicals.....	27,664.4	61.3	3,358.3	6.5	1,393.6	2.7	4,751.9	9.2	17.2	15.0
326	Plastics and rubber products.....	4,691.8	28.9	593.4	3.6	262.2	1.6	855.6	5.2	18.2	18.0
327	Nonmetallic mineral products.....	2,606.6	13.8	81.8	0.6	55.6	0.3	137.4	0.9	5.3	6.5
331	Primary metals.....	1,684.4	6.8	200.2	0.8	143.0	0.6	343.2	1.4	20.4	20.6
332	Fabricated metal products.....	5,425.8	32.8	287.6	1.8	210.2	1.4	497.8	3.2	9.2	9.8
333	Machinery.....	3,786.3	19.1	666.1	3.3	77.9	0.4	744.0	3.7	19.6	19.4
334	Computers and electronic products.....	7,433.2	28.1	1,030.1	4.0	191.9	0.6	1,222.0	4.6	16.4	16.4
335	Electrical equipment, appliances, and components.....	1,555.7	7.8	148.0	0.8	45.1	0.2	193.1	1.0	12.4	12.8
336	Transportation equipment.....	3,893.3	8.2	384.2	0.9	13.3	0.1	397.5	1.0	10.2	12.8
337	Furniture and related products.....	1,171.6	9.2	28.8	0.2	3.2	(Z)	32.0	0.2	2.7	2.2
339	Miscellaneous products.....	4,237.2	22.6	582.6	3.0	71.4	0.4	654.0	3.4	15.4	15.0
	NEW MEXICO	10,758.9	29.3	2,507.7	4.1	231.6	0.7	2,739.3	4.8	25.5	16.4
311	Food.....	1,595.3	4.1	90.3	0.1	11.8	(Z)	102.1	0.1	6.4	2.4
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	134.8	1.1	(D)	(D)	1.0	(Z)	(W)	(W)	(W)	(W)
322	Paper.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
323	Printing and related support activities.....	93.6	1.0	1.3	(Z)	4.5	(Z)	5.8	(Z)	6.2	(W)
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
326	Plastics and rubber products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
327	Nonmetallic mineral products.....	403.6	2.4	14.9	0.1	3.3	(Z)	18.2	0.1	4.5	4.2
331	Primary metals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
332	Fabricated metal products.....	308.7	2.4	6.5	(Z)	14.3	0.1	20.8	0.1	6.7	4.2
333	Machinery.....	218.2	1.5	63.7	0.4	4.1	(Z)	67.8	0.4	31.1	26.7
334	Computers and electronic products.....	4,327.1	6.9	2,091.1	2.5	109.0	0.2	2,200.1	2.7	50.8	39.1
335	Electrical equipment, appliances, and components.....	166.6	1.0	15.5	0.1	1.0	(Z)	16.5	0.1	9.9	10.0
336	Transportation equipment.....	289.7	1.4	29.1	0.1	8.6	(Z)	37.7	0.1	13.0	7.1
337	Furniture and related products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
339	Miscellaneous products.....	779.4	3.2	24.1	0.2	2.6	(Z)	26.7	0.2	3.4	6.3
	NEW YORK	141,353.8	596.7	19,123.6	77.2	4,758.4	21.6	23,882.0	98.8	16.9	16.6
311	Food.....	13,895.8	48.0	177.9	0.7	33.8	0.1	211.7	0.8	1.5	1.7
312	Beverage and tobacco products.....	1,885.4	3.3	3.6	(Z)	3.9	(Z)	7.5	(Z)	0.4	(W)
313	Textile mills.....	1,699.1	8.6	216.3	1.1	136.7	0.7	353.0	1.8	20.8	20.9
314	Textile products.....	1,178.6	7.5	33.3	0.2	13.9	0.1	47.2	0.3	4.0	4.0
315	Apparel.....	5,073.5	36.7	382.4	3.0	41.9	0.3	424.3	3.3	8.4	9.0
316	Leather and allied products.....	258.3	2.2	44.2	0.4	61.7	0.4	105.9	0.8	41.0	36.4
321	Wood products.....	1,381.2	8.4	141.5	0.7	30.8	0.2	172.3	0.9	12.5	10.7
322	Paper.....	4,405.7	19.1	408.4	2.0	369.2	1.4	777.6	3.4	17.6	17.8
323	Printing and related support activities.....	5,850.0	41.9	235.4	1.7	102.7	0.7	338.1	2.4	5.8	5.7
324	Petroleum and coal products.....	648.3	1.7	10.8	(Z)	21.1	0.1	31.9	0.1	4.9	5.9
325	Chemicals.....	32,118.4	60.0	4,005.7	9.3	728.6	1.8	4,734.3	11.1	14.7	18.5
326	Plastics and rubber products.....	5,199.4	29.7	340.6	2.0	224.6	1.3	565.2	3.3	10.9	11.1
327	Nonmetallic mineral products.....	3,693.2	18.1	449.2	2.6	89.2	0.5	538.4	3.1	14.6	17.1
331	Primary metals.....	4,627.3	13.1	1,127.4	2.2	837.8	2.3	1,965.2	4.5	42.5	34.4
332	Fabricated metal products.....	8,578.6	57.9	514.6	3.2	714.6	5.5	1,229.2	8.7	14.3	15.0
333	Machinery.....	10,075.2	44.2	3,674.9	14.5	250.6	1.1	3,925.5	15.6	39.0	35.3
334	Computers and electronic products.....	13,701.6	66.7	3,125.9	15.9	655.4	3.1	3,781.3	19.0	27.6	28.5
335	Electrical equipment, appliances, and components.....	3,212.0	17.9	622.5	3.4	139.2	0.8	761.7	4.2	23.7	23.5
336	Transportation equipment.....	12,086.0	37.7	2,705.7	8.4	226.4	0.7	2,932.1	9.1	24.3	24.1
337	Furniture and related products.....	2,605.8	20.6	165.0	1.3	8.0	0.1	173.0	1.4	6.6	6.8
339	Miscellaneous products.....	9,180.2	53.0	738.2	4.4	68.3	0.4	806.5	4.8	8.8	9.1

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
	NORTH CAROLINA.....	158,279.5	570.7	14,677.4	61.6	6,638.9	29.3	21,316.3	90.9	13.5	15.9
311	Food.....	13,610.0	54.2	413.4	1.9	178.0	0.5	591.4	2.4	4.3	4.4
312	Beverage and tobacco products.....	22,649.4	12.0	400.2	0.2	25.5	(Z)	425.7	0.2	1.9	1.7
313	Textile mills.....	10,359.5	64.8	1,881.7	12.4	1,026.4	6.3	2,908.1	18.7	28.1	28.9
314	Textile products.....	2,657.7	15.4	171.5	1.0	66.5	0.4	238.0	1.4	9.0	9.1
315	Apparel.....	4,149.5	30.3	711.5	4.8	102.5	0.7	814.0	5.5	19.6	18.2
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	4,817.0	26.0	142.7	0.8	186.4	1.0	329.1	1.8	6.8	6.9
322	Paper.....	5,275.5	19.7	616.9	2.1	526.4	1.8	1,143.3	3.9	21.7	19.8
323	Printing and related support activities.....	2,155.7	16.1	128.2	1.0	98.3	0.7	226.5	1.7	10.5	10.6
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	29,210.3	38.3	2,000.4	3.9	1,817.1	4.6	3,817.5	8.5	13.1	22.2
326	Plastics and rubber products.....	8,438.5	40.3	683.6	3.3	422.5	2.0	1,106.1	5.3	13.1	13.2
327	Nonmetallic mineral products.....	3,252.2	18.2	373.3	1.9	157.7	0.9	531.0	2.8	16.3	15.4
331	Primary metals.....	2,104.8	7.4	346.8	1.1	429.2	1.7	776.0	2.8	36.9	37.8
332	Fabricated metal products.....	6,428.4	38.4	508.2	2.9	537.1	4.5	1,045.3	7.4	16.3	19.3
333	Machinery.....	9,483.1	31.3	1,830.6	6.2	228.0	0.9	2,058.6	7.1	21.7	22.7
334	Computers and electronic products.....	5,964.7	28.5	1,534.0	6.7	285.6	1.1	1,819.6	7.8	30.5	27.4
335	Electrical equipment, appliances, and components.....	4,503.6	19.4	733.5	3.2	169.8	0.7	903.3	3.9	20.1	20.1
336	Transportation equipment.....	11,787.7	31.8	1,482.5	4.1	233.6	0.7	1,716.1	4.8	14.6	15.1
337	Furniture and related products.....	7,574.6	60.2	237.4	1.8	12.0	0.1	249.4	1.9	3.3	3.2
339	Miscellaneous products.....	3,158.8	16.5	429.8	2.2	73.0	0.4	502.8	2.6	15.9	15.8
	NORTH DAKOTA.....	6,452.9	21.4	839.6	2.5	121.5	0.7	961.1	3.2	14.9	15.0
311	Food.....	2,131.8	4.5	122.7	0.1	20.5	(Z)	143.2	0.1	6.7	2.2
312	Beverage and tobacco products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	290.1	1.8	4.4	(Z)	1.2	(Z)	5.6	(Z)	1.9	(W)
322	Paper.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
323	Printing and related support activities.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
326	Plastics and rubber products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
327	Nonmetallic mineral products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
331	Primary metals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
332	Fabricated metal products.....	224.7	1.6	19.4	0.1	30.3	0.2	49.7	0.3	22.1	18.8
333	Machinery.....	1,526.4	4.2	393.6	1.1	9.6	(Z)	403.2	1.1	26.4	26.2
334	Computers and electronic products.....	471.2	1.7	244.4	0.6	7.5	(Z)	251.9	0.6	53.5	35.3
335	Electrical equipment, appliances, and components.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
336	Transportation equipment.....	342.8	2.1	17.0	0.3	5.2	0.2	22.2	0.5	6.5	23.8
337	Furniture and related products.....	120.6	1.1	1.5	(Z)	0.2	(Z)	1.7	(Z)	1.4	(W)
339	Miscellaneous products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
	OHIO.....	244,906.8	810.4	29,927.3	97.3	17,668.1	69.6	47,595.4	166.9	19.4	20.6
311	Food.....	19,133.6	53.2	440.8	1.2	194.4	0.4	635.2	1.6	3.3	3.0
312	Beverage and tobacco products.....	3,839.4	4.6	15.6	(Z)	10.9	(Z)	26.5	(Z)	0.7	(W)
313	Textile mills.....	391.6	2.4	63.9	0.4	127.0	0.8	190.9	1.2	48.7	50.0
314	Textile products.....	438.3	4.1	71.8	0.5	39.8	0.4	111.6	0.9	25.5	22.0
315	Apparel.....	248.2	1.9	66.8	0.5	8.4	0.1	75.2	0.6	30.3	31.6
316	Leather and allied products.....	144.1	1.3	31.0	0.3	19.4	0.1	50.4	0.4	35.0	30.8
321	Wood products.....	2,549.3	16.8	174.4	1.0	118.6	0.8	293.0	1.8	11.5	10.7
322	Paper.....	6,547.6	24.0	586.4	2.1	733.7	2.6	1,320.1	4.7	20.2	19.6
323	Printing and related support activities.....	4,564.8	32.2	296.7	2.1	180.0	1.3	476.7	3.4	10.4	10.6
324	Petroleum and coal products.....	8,678.3	5.6	187.0	0.1	473.1	0.3	660.1	0.4	7.6	7.1
325	Chemicals.....	22,147.0	40.3	2,537.6	5.0	2,395.3	5.1	4,932.9	10.1	22.3	25.1
326	Plastics and rubber products.....	15,604.1	85.2	1,136.3	6.2	1,146.8	6.3	2,283.1	12.5	14.6	14.7
327	Nonmetallic mineral products.....	5,798.3	30.7	538.4	3.0	364.4	2.0	902.8	5.0	15.6	16.3
331	Primary metals.....	15,393.8	53.6	1,689.1	6.1	4,101.8	15.8	5,790.9	21.9	37.6	40.9
332	Fabricated metal products.....	22,735.8	120.7	1,643.4	8.4	2,865.8	16.1	4,509.2	24.5	19.8	20.3
333	Machinery.....	15,101.8	77.4	3,235.9	15.8	769.4	3.9	4,005.3	19.7	26.5	25.5
334	Computers and electronic products.....	6,158.8	24.9	1,202.6	4.8	355.4	1.9	1,558.0	6.7	25.3	26.9
335	Electrical equipment, appliances, and components.....	9,067.6	35.3	1,138.3	4.4	404.2	1.9	1,542.5	6.3	17.0	17.8
336	Transportation equipment.....	77,897.8	142.8	14,290.7	31.8	3,224.0	9.1	17,514.7	40.9	22.5	28.6
337	Furniture and related products.....	3,635.6	21.3	146.3	0.8	19.1	0.1	165.4	0.9	4.5	4.2
339	Miscellaneous products.....	4,831.2	32.3	434.5	2.8	116.7	0.8	551.2	3.6	11.4	11.1
	OKLAHOMA.....	41,627.0	138.4	4,086.4	15.7	1,256.2	6.1	5,342.6	21.8	12.8	15.8
311	Food.....	4,514.0	15.2	347.3	1.1	71.5	0.2	418.8	1.3	9.3	8.6
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
315	Apparel.....	588.0	1.8	33.6	0.1	3.4	(Z)	37.0	0.1	6.3	5.6
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	285.8	2.0	2.0	(Z)	9.5	0.1	11.5	0.1	4.0	5.0
322	Paper.....	2,006.2	4.5	13.1	(Z)	29.4	0.1	42.5	0.1	2.1	2.2
323	Printing and related support activities.....	346.3	4.8	9.3	0.1	13.4	0.2	22.7	0.3	6.6	6.3
324	Petroleum and coal products.....	6,519.5	2.9	11.8	(Z)	74.9	(Z)	86.7	(Z)	1.3	(W)
325	Chemicals.....	1,863.9	2.9	188.1	0.3	73.6	0.1	261.7	0.4	14.0	13.8
326	Plastics and rubber products.....	2,910.1	12.1	265.2	1.1	149.4	0.7	414.6	1.8	14.2	14.9
327	Nonmetallic mineral products.....	1,528.1	6.8	71.3	0.3	24.7	0.1	96.0	0.4	6.3	5.9
331	Primary metals.....	1,032.4	4.7	91.2	0.4	213.6	1.1	304.8	1.5	29.5	31.9
332	Fabricated metal products.....	3,673.9	21.5	267.5	1.3	268.2	1.9	535.7	3.2	14.6	14.9
333	Machinery.....	5,104.3	22.3	1,821.9	7.1	87.5	0.4	1,909.4	7.5	37.4	33.6
334	Computers and electronic products.....	1,140.9	4.7	114.0	0.6	28.3	0.2	142.3	0.8	12.5	17.0
335	Electrical equipment, appliances, and components.....	836.4	3.9	83.2	0.4	40.9	0.2	124.1	0.6	14.8	15.4
336	Transportation equipment.....	7,537.7	17.8	698.6	2.3	141.1	0.7	839.7	3.0	11.1	16.9
337	Furniture and related products.....	357.2	3.0	1.3	(Z)	1.0	(Z)	2.3	(Z)	0.6	(W)
339	Miscellaneous products.....	707.3	4.4	58.6	0.4	21.2	0.1	79.8	0.5	11.3	11.4

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
OREGON.....		44,558.2	176.1	7,828.9	26.3	1,881.5	7.8	9,710.4	34.1	21.8	19.4
311	Food.....	5,183.8	20.6	115.3	0.5	25.2	0.1	140.5	0.6	2.7	2.9
312	Beverage and tobacco products.....	597.6	1.8	5.3	(Z)	2.8	(Z)	8.1	(Z)	1.4	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
315	Apparel.....	58.5	1.2	4.3	0.1	0.7	(Z)	5.0	0.1	8.5	8.3
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	7,420.3	30.9	139.6	0.6	77.4	0.3	217.0	0.9	2.9	2.9
322	Paper.....	2,531.9	6.5	149.7	0.4	132.3	0.4	282.0	0.8	11.1	12.3
323	Printing and related support activities.....	910.6	6.8	100.8	0.7	62.7	0.5	163.5	1.2	18.0	17.6
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	1,693.7	4.2	121.4	0.2	123.5	0.3	244.9	0.5	14.5	11.9
326	Plastics and rubber products.....	1,015.0	6.0	140.7	0.8	89.7	0.5	230.4	1.3	22.7	21.7
327	Nonmetallic mineral products.....	799.8	4.5	42.8	0.3	32.7	0.2	75.5	0.5	9.4	11.1
331	Primary metals.....	1,618.6	7.1	411.8	1.9	223.4	0.8	635.2	2.7	39.2	38.0
332	Fabricated metal products.....	2,378.0	14.4	166.9	0.8	210.6	1.7	377.5	2.5	15.9	17.4
333	Machinery.....	1,870.1	11.1	565.3	3.2	152.3	1.0	717.6	4.2	38.4	37.8
334	Computers and electronic products.....	12,583.1	28.4	5,180.2	13.1	651.9	1.6	5,832.1	14.7	46.3	51.8
335	Electrical equipment, appliances, and components.....	572.2	2.5	215.7	0.9	33.0	0.1	248.7	1.0	43.5	40.0
336	Transportation equipment.....	2,783.5	13.7	216.0	1.0	30.7	0.1	246.7	1.1	8.9	8.0
337	Furniture and related products.....	984.5	7.0	51.2	0.4	5.1	(Z)	56.3	0.4	5.7	5.7
339	Miscellaneous products.....	1,042.9	7.8	158.3	1.2	16.3	0.1	174.6	1.3	16.7	16.7
PENNSYLVANIA.....		181,580.0	672.8	21,487.4	66.9	9,628.7	36.6	31,116.1	103.5	17.1	15.4
311	Food.....	24,073.8	69.5	489.5	1.5	208.2	0.6	697.7	2.1	2.9	3.0
312	Beverage and tobacco products.....	3,076.5	7.1	25.6	0.1	6.6	(Z)	32.2	0.1	1.0	1.4
313	Textile mills.....	1,264.9	9.1	120.1	0.9	163.9	1.2	284.0	2.1	22.5	23.1
314	Textile products.....	1,130.1	7.1	86.7	0.5	33.6	0.2	120.3	0.7	10.6	9.9
315	Apparel.....	1,922.1	17.0	292.2	1.5	36.8	0.2	329.0	1.7	17.1	10.0
316	Leather and allied products.....	393.7	2.4	57.3	0.3	129.8	0.6	187.1	0.9	47.5	37.5
321	Wood products.....	4,263.1	26.2	144.1	0.7	119.3	0.7	263.4	1.4	6.2	5.3
322	Paper.....	9,532.5	25.6	362.1	1.3	631.6	1.7	993.7	3.0	10.4	11.7
323	Printing and related support activities.....	5,810.5	41.8	291.9	2.1	237.1	1.7	529.0	3.8	9.1	9.1
324	Petroleum and coal products.....	14,523.3	6.2	152.4	0.1	412.2	0.2	564.6	0.3	3.9	4.8
325	Chemicals.....	29,440.0	36.2	8,518.3	8.3	2,712.4	4.2	11,230.7	12.5	38.1	34.5
326	Plastics and rubber products.....	9,011.4	48.8	524.1	2.8	596.3	3.2	1,120.4	6.0	12.4	12.3
327	Nonmetallic mineral products.....	5,598.1	27.9	421.6	2.2	267.3	1.4	688.9	3.6	12.3	12.9
331	Primary metals.....	14,097.0	45.6	2,193.6	6.2	1,620.9	5.8	3,814.5	12.0	27.1	26.3
332	Fabricated metal products.....	13,606.1	87.5	733.7	4.7	1,125.2	7.6	1,858.9	12.3	13.7	14.1
333	Machinery.....	9,944.3	53.0	2,398.3	12.3	331.6	1.9	2,729.9	14.2	27.5	26.8
334	Computers and electronic products.....	7,770.8	37.9	1,489.4	7.5	443.5	2.7	1,932.9	10.2	24.9	26.9
335	Electrical equipment, appliances, and components.....	4,507.5	22.5	672.6	3.4	244.5	1.2	917.1	4.6	20.3	20.4
336	Transportation equipment.....	10,865.5	38.5	1,713.8	6.3	187.9	0.7	1,901.7	7.0	17.5	18.2
337	Furniture and related products.....	3,581.9	24.5	69.1	0.5	19.7	0.2	88.8	0.7	2.5	2.9
339	Miscellaneous products.....	7,166.8	38.4	730.8	3.9	100.0	0.6	830.8	4.5	11.6	11.7
RHODE ISLAND.....		11,047.6	59.6	1,274.7	6.5	336.2	2.0	1,610.9	8.5	14.6	14.3
311	Food.....	438.2	2.6	4.9	(Z)	0.9	(Z)	5.8	(Z)	1.3	(W)
313	Textile mills.....	446.1	3.3	53.9	0.4	24.0	0.2	77.9	0.6	17.5	18.2
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
322	Paper.....	221.2	1.3	28.5	0.2	14.6	0.1	43.1	0.3	19.5	23.1
323	Printing and related support activities.....	258.5	2.6	10.8	0.1	6.4	0.1	17.2	0.2	6.7	7.7
325	Chemicals.....	707.1	2.4	91.9	0.3	66.2	0.2	158.1	0.5	22.4	20.8
326	Plastics and rubber products.....	752.3	3.9	100.1	0.5	32.3	0.2	132.4	0.7	17.6	17.9
327	Nonmetallic mineral products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
331	Primary metals.....	373.9	1.4	95.2	0.3	37.7	0.1	132.9	0.4	35.5	28.6
332	Fabricated metal products.....	1,203.8	9.1	65.2	0.5	50.1	0.4	115.3	0.9	9.6	9.9
333	Machinery.....	609.4	3.4	210.9	1.1	9.3	0.1	220.2	1.2	36.1	35.3
334	Computers and electronic products.....	1,194.1	5.6	189.4	0.9	53.4	0.4	242.8	1.3	20.3	23.2
335	Electrical equipment, appliances, and components.....	1,684.8	4.0	178.3	0.6	15.9	0.1	194.2	0.7	11.5	17.5
336	Transportation equipment.....	221.8	1.8	46.8	0.4	1.2	(Z)	48.0	0.4	21.6	22.2
337	Furniture and related products.....	238.2	2.1	9.1	0.1	0.3	(Z)	9.4	0.1	3.9	4.8
339	Miscellaneous products.....	2,055.9	13.0	152.8	1.0	10.6	0.1	163.4	1.1	7.9	8.5
SOUTH CAROLINA.....		85,733.0	279.5	14,594.3	35.3	8,258.9	30.6	22,853.2	65.9	26.7	23.6
311	Food.....	4,285.8	18.0	78.5	0.3	39.0	0.2	117.5	0.5	2.7	2.8
313	Textile mills.....	6,713.3	37.1	936.6	5.7	494.0	2.7	1,430.6	8.4	21.3	22.6
314	Textile products.....	2,105.4	11.6	91.4	0.5	94.3	0.6	185.7	1.1	8.8	9.5
315	Apparel.....	365.4	3.6	77.3	0.6	27.6	0.3	104.9	0.9	28.7	25.0
321	Wood products.....	2,050.3	10.1	24.5	0.1	85.8	0.4	110.3	0.5	5.4	5.0
322	Paper.....	5,127.6	12.5	527.2	1.1	334.0	0.9	861.2	2.0	16.8	16.0
323	Printing and related support activities.....	750.7	5.3	50.0	0.3	46.6	0.3	96.6	0.6	12.9	11.3
325	Chemicals.....	11,898.8	33.5	1,902.9	5.4	1,743.8	5.6	3,646.7	11.0	30.6	32.8
326	Plastics and rubber products.....	6,562.3	23.4	730.7	2.5	444.2	1.6	1,174.9	4.1	17.9	17.5
327	Nonmetallic mineral products.....	1,876.0	8.6	116.6	0.4	126.2	0.5	242.8	0.9	12.9	10.5
331	Primary metals.....	2,961.6	6.3	171.9	0.4	851.1	2.2	1,023.0	2.6	34.5	41.3
332	Fabricated metal products.....	4,788.2	26.6	477.4	2.6	971.8	5.7	1,449.2	8.3	30.3	31.2
333	Machinery.....	13,909.8	20.7	3,663.2	4.4	468.3	1.2	4,131.5	5.6	29.7	27.1
334	Computers and electronic products.....	2,627.0	8.4	757.1	2.4	258.2	1.3	1,015.3	3.7	38.6	44.0
335	Electrical equipment, appliances, and components.....	2,600.9	10.3	332.3	1.3	145.5	0.6	477.8	1.9	18.4	18.4
336	Transportation equipment.....	14,536.1	30.3	4,388.5	6.1	2,029.3	6.1	6,417.8	12.2	44.2	40.3
337	Furniture and related products.....	494.3	4.7	2.0	(Z)	18.1	0.2	20.1	0.2	4.1	4.3
339	Miscellaneous products.....	1,444.8	7.2	265.7	1.3	65.1	0.4	330.8	1.7	22.9	23.6

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
SOUTH DAKOTA		10,358.4	36.0	1,065.8	2.4	162.6	0.7	1,228.4	3.1	11.9	8.6
311	Food.....	2,216.3	6.8	(D)	(D)	15.1	(Z)	(W)	(W)	(W)	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	244.8	1.5	0.2	(Z)	2.3	(Z)	2.5	(Z)	1.0	(W)
322	Paper.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
323	Printing and related support activities.....	181.7	1.5	11.7	0.1	3.9	(Z)	15.6	0.1	8.6	6.7
325	Chemicals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
326	Plastics and rubber products.....	286.5	1.5	14.4	0.1	13.8	0.1	28.2	0.2	9.8	13.3
327	Nonmetallic mineral products.....	201.1	1.2	3.9	(Z)	0.9	(Z)	4.8	(Z)	2.4	(W)
331	Primary metals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
332	Fabricated metal products.....	530.3	3.6	70.7	0.3	19.4	0.2	90.1	0.5	17.0	13.9
333	Machinery.....	869.9	4.3	121.0	0.6	12.5	0.1	133.5	0.7	15.3	16.3
334	Computers and electronic products.....	3,120.6	3.5	672.6	0.5	71.0	0.2	743.6	0.7	23.8	20.0
335	Electrical equipment, appliances, and components.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
336	Transportation equipment.....	395.3	2.2	21.7	0.1	2.7	(Z)	24.4	0.1	6.2	4.5
337	Furniture and related products.....	156.5	1.9	1.9	(Z)	0.3	(Z)	2.2	(Z)	1.4	(W)
339	Miscellaneous products.....	1,100.5	4.1	17.1	0.1	3.5	(Z)	20.6	0.1	1.9	2.4
TENNESSEE		115,239.3	386.3	12,804.7	37.6	5,345.5	20.7	18,150.2	58.3	15.8	15.1
311	Food.....	12,272.7	39.2	732.9	1.4	144.4	0.3	877.3	1.7	7.1	4.3
312	Beverage and tobacco products.....	3,379.1	3.3	337.5	0.3	23.3	(Z)	360.8	0.3	10.7	9.1
313	Textile mills.....	1,450.9	6.2	286.1	0.9	130.1	0.6	416.2	1.5	28.7	24.2
314	Textile products.....	647.5	3.7	33.8	0.2	35.0	0.2	68.8	0.4	10.6	10.8
315	Apparel.....	1,008.8	8.5	46.7	0.4	10.9	0.1	57.6	0.5	5.7	5.9
316	Leather and allied products.....	132.3	1.4	24.4	0.3	4.6	(Z)	29.0	0.3	21.9	21.4
321	Wood products.....	2,475.2	15.7	64.5	0.3	90.7	0.5	155.2	0.8	6.3	5.1
322	Paper.....	4,390.2	16.0	394.5	1.4	438.9	1.3	833.4	2.7	19.0	16.9
323	Printing and related support activities.....	2,496.0	18.5	117.0	0.9	67.1	0.5	184.1	1.4	7.4	7.6
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	11,454.0	29.1	2,241.2	6.9	879.3	2.5	3,120.5	9.4	27.2	32.3
326	Plastics and rubber products.....	6,236.4	32.0	485.5	2.5	407.1	2.1	892.6	4.6	14.3	14.4
327	Nonmetallic mineral products.....	2,643.7	12.5	110.9	0.6	84.5	0.4	195.4	1.0	7.4	8.0
331	Primary metals.....	4,178.6	11.3	494.3	1.1	1,066.7	3.4	1,561.0	4.5	37.4	39.8
332	Fabricated metal products.....	5,847.7	35.5	630.4	3.1	664.6	4.4	1,295.0	7.5	22.1	21.1
333	Machinery.....	9,194.4	31.2	1,081.5	3.5	257.2	1.0	1,338.7	4.5	14.6	14.4
334	Computers and electronic products.....	13,144.1	11.6	2,069.4	1.9	99.2	0.4	2,168.6	2.3	16.5	19.8
335	Electrical equipment, appliances, and components.....	4,696.6	19.9	530.7	2.4	104.1	0.5	634.8	2.9	13.5	14.6
336	Transportation equipment.....	23,330.7	55.3	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
337	Furniture and related products.....	2,365.8	19.9	134.9	1.2	13.0	0.1	147.9	1.3	6.3	6.5
339	Miscellaneous products.....	2,942.5	14.8	330.7	1.5	53.6	0.3	384.3	1.8	13.1	12.2
TEXAS		340,288.4	810.0	44,697.3	113.1	20,175.1	49.3	64,872.4	162.4	19.1	20.0
311	Food.....	30,905.5	87.6	2,109.7	5.2	409.5	1.0	2,519.2	6.2	8.2	7.1
312	Beverage and tobacco products.....	5,830.1	8.8	16.6	(Z)	12.1	(Z)	28.7	(Z)	0.5	(W)
313	Textile mills.....	793.5	4.7	280.7	1.5	48.0	0.3	328.7	1.8	41.4	38.3
314	Textile products.....	721.0	7.2	27.5	0.3	23.8	0.2	51.3	0.5	7.1	6.9
315	Apparel.....	1,476.4	12.0	271.4	2.0	30.0	0.2	301.4	2.2	20.4	18.3
316	Leather and allied products.....	367.7	3.9	96.6	0.5	5.1	0.1	101.7	0.6	27.7	15.4
321	Wood products.....	4,312.3	26.3	59.0	0.4	110.1	0.6	169.1	1.0	3.9	3.8
322	Paper.....	5,921.0	19.1	591.7	1.8	490.4	1.5	1,082.1	3.3	18.3	17.3
323	Printing and related support activities.....	4,455.0	32.9	423.3	3.1	216.1	1.6	639.4	4.7	14.4	14.3
324	Petroleum and coal products.....	69,675.9	20.3	2,333.1	0.8	3,664.6	1.2	5,997.7	2.0	8.6	9.9
325	Chemicals.....	74,543.7	68.6	12,992.0	10.9	6,665.4	6.1	19,657.4	17.0	26.4	24.8
326	Plastics and rubber products.....	10,164.7	49.1	485.9	2.3	808.7	4.0	1,294.6	6.3	12.7	12.8
327	Nonmetallic mineral products.....	7,875.0	34.2	184.9	0.9	196.7	0.9	381.6	1.8	4.8	5.3
331	Primary metals.....	7,159.0	20.7	675.7	1.6	1,318.6	4.0	1,994.3	5.6	27.9	27.1
332	Fabricated metal products.....	16,522.3	102.1	1,284.2	7.0	1,660.8	11.4	2,945.0	18.4	17.8	18.0
333	Machinery.....	18,286.9	69.1	4,001.4	19.0	515.8	2.4	4,517.2	21.4	24.7	31.0
334	Computers and electronic products.....	39,919.1	86.7	12,915.6	33.7	2,601.0	7.8	15,516.6	41.5	38.9	47.9
335	Electrical equipment, appliances, and components.....	4,430.8	17.4	699.9	2.7	259.2	1.0	959.1	3.7	21.6	21.3
336	Transportation equipment.....	26,964.5	71.6	4,523.7	14.7	954.5	3.7	5,478.2	18.4	20.3	25.7
337	Furniture and related products.....	3,514.9	28.2	59.8	0.5	18.7	0.2	78.5	0.7	2.2	2.5
339	Miscellaneous products.....	6,449.3	39.4	664.6	4.3	165.8	1.1	830.4	5.4	12.9	13.7
UTAH		25,928.3	107.3	3,191.8	12.5	888.5	3.8	4,080.3	16.3	15.7	15.2
311	Food.....	4,280.7	14.3	189.1	0.7	43.2	0.2	232.3	0.9	5.4	6.3
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
315	Apparel.....	65.2	1.2	10.1	0.2	0.6	(Z)	10.7	0.2	16.4	16.7
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	356.9	2.6	1.5	(Z)	5.9	(Z)	7.4	(Z)	2.1	(W)
322	Paper.....	967.1	2.6	17.1	(Z)	25.1	0.1	42.2	0.1	4.4	3.8
323	Printing and related support activities.....	747.0	6.2	11.9	0.1	20.6	0.2	32.5	0.3	4.4	4.8
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	1,953.8	6.5	191.9	0.6	64.5	0.2	256.4	0.8	13.1	12.3
326	Plastics and rubber products.....	726.4	5.3	13.8	0.1	48.0	0.4	61.8	0.5	8.5	9.4
327	Nonmetallic mineral products.....	628.8	3.1	12.9	0.1	12.0	0.1	24.9	0.2	4.0	6.5
331	Primary metals.....	1,826.3	3.4	168.5	0.3	201.9	0.6	370.4	0.9	20.3	26.5
332	Fabricated metal products.....	1,509.9	9.8	123.1	0.7	125.1	0.9	248.2	1.6	16.4	16.3
333	Machinery.....	868.7	4.7	244.5	1.3	14.8	0.1	259.3	1.4	29.8	29.8
334	Computers and electronic products.....	2,656.4	11.5	1,046.6	4.1	144.2	0.6	1,190.8	4.7	44.8	40.9
335	Electrical equipment, appliances, and components.....	313.5	0.9	69.9	0.2	12.3	(Z)	82.2	0.2	26.2	22.2
336	Transportation equipment.....	3,047.2	10.4	733.7	2.0	92.8	0.3	826.5	2.3	27.1	22.1
337	Furniture and related products.....	925.1	6.2	35.2	0.2	3.7	(Z)	38.9	0.2	4.2	3.2
339	Miscellaneous products.....	3,075.3	16.5	317.1	1.8	27.1	0.2	344.2	2.0	11.2	12.1

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
VERMONT.....		9,455.6	41.5	2,366.8	7.9	305.1	1.6	2,671.9	9.5	28.3	22.9
311	Food.....	1,353.8	3.4	36.1	0.1	7.6	(Z)	43.7	0.1	3.2	2.9
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	379.5	2.4	16.2	0.1	13.5	0.1	29.7	0.2	7.8	8.3
322	Paper.....	330.2	1.4	17.8	0.1	20.0	0.1	37.8	0.2	11.4	14.3
323	Printing and related support activities.....	253.1	1.7	6.1	(Z)	12.3	0.1	18.4	0.1	7.3	5.9
325	Chemicals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
326	Plastics and rubber products.....	207.6	1.5	19.4	0.1	12.9	0.1	32.3	0.2	15.6	13.3
327	Nonmetallic mineral products.....	245.4	1.9	7.2	0.1	4.2	(Z)	11.4	0.1	4.6	5.3
332	Fabricated metal products.....	929.4	4.6	182.6	0.8	52.0	0.4	234.6	1.2	25.2	26.1
333	Machinery.....	533.5	3.7	53.9	0.3	45.5	0.3	99.4	0.6	18.6	16.2
334	Computers and electronic products.....	3,601.6	10.1	1,838.7	5.1	96.1	0.3	1,934.8	5.4	53.7	53.5
335	Electrical equipment, appliances, and components.....	287.9	1.3	37.2	0.2	7.3	(Z)	44.5	0.2	15.5	15.4
336	Transportation equipment.....	196.1	1.6	8.2	0.1	4.6	(Z)	12.8	0.1	6.5	6.3
337	Furniture and related products.....	357.6	3.0	5.0	(Z)	0.8	(Z)	5.8	(Z)	1.6	(W)
339	Miscellaneous products.....	407.4	2.5	121.3	0.7	9.2	0.1	130.5	0.8	32.0	32.0
VIRGINIA.....		82,747.3	296.3	10,183.1	35.9	3,015.8	11.9	13,198.9	47.8	16.0	16.1
311	Food.....	9,443.7	32.1	184.9	0.5	38.1	0.1	223.0	0.6	2.4	1.9
312	Beverage and tobacco products.....	13,084.9	9.5	655.2	0.4	41.7	(Z)	696.9	0.4	5.3	4.2
313	Textile mills.....	3,193.4	15.2	996.3	4.6	310.0	1.6	1,306.3	6.2	40.9	40.8
314	Textile products.....	685.4	4.5	51.2	0.3	27.8	0.2	79.0	0.5	11.5	11.1
315	Apparel.....	629.2	3.6	116.9	0.5	5.8	(Z)	122.7	0.5	19.5	13.9
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	3,541.7	18.9	337.4	1.6	199.2	0.9	536.6	2.5	15.2	13.2
322	Paper.....	3,971.0	11.8	523.5	1.5	324.9	0.9	848.4	2.4	21.4	20.3
323	Printing and related support activities.....	2,522.7	18.4	73.1	0.5	58.1	0.4	131.2	0.9	5.2	4.9
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	8,089.5	18.5	2,043.5	5.0	844.0	2.4	2,887.5	7.4	35.7	40.0
326	Plastics and rubber products.....	4,981.1	22.7	559.4	2.5	239.5	1.1	798.9	3.6	16.0	15.9
327	Nonmetallic mineral products.....	2,184.5	11.9	166.9	0.8	48.7	0.2	215.6	1.0	9.9	8.4
331	Primary metals.....	1,644.5	6.2	186.2	0.8	219.5	0.8	405.7	1.6	24.7	25.8
332	Fabricated metal products.....	3,324.2	17.8	309.0	1.2	142.7	1.0	451.7	2.2	13.6	12.4
333	Machinery.....	3,535.6	16.3	881.6	4.4	93.5	0.5	975.1	4.9	27.6	30.1
334	Computers and electronic products.....	5,427.8	19.9	1,091.1	4.1	133.8	0.5	1,224.9	4.6	22.6	23.1
335	Electrical equipment, appliances, and components.....	1,709.0	7.5	677.9	2.9	126.8	0.6	804.7	3.5	47.1	46.7
336	Transportation equipment.....	10,216.2	34.7	859.2	1.7	108.1	0.4	967.3	2.1	9.5	6.1
337	Furniture and related products.....	2,163.8	17.2	29.9	0.3	4.2	(Z)	34.1	0.3	1.6	1.7
339	Miscellaneous products.....	1,527.9	9.0	435.1	2.4	18.2	0.1	453.3	2.5	29.7	27.8
WASHINGTON.....		80,040.9	257.6	30,243.7	71.1	9,765.2	35.3	40,008.9	106.4	50.0	41.3
311	Food.....	9,399.2	38.0	617.2	2.4	105.9	0.3	723.1	2.7	7.7	7.1
312	Beverage and tobacco products.....	1,277.4	3.3	22.2	0.1	7.1	(Z)	29.3	0.1	2.3	3.0
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	265.0	2.2	6.1	0.1	34.6	0.3	40.7	0.4	15.4	18.2
315	Apparel.....	148.0	1.8	21.5	0.3	7.3	0.1	28.8	0.4	19.5	22.2
316	Leather and allied products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	4,131.0	16.8	248.0	1.0	178.1	0.7	426.1	1.7	10.3	10.1
322	Paper.....	4,876.6	12.6	786.9	2.0	335.5	0.9	1,122.4	2.9	23.0	23.0
323	Printing and related support activities.....	976.8	8.0	26.2	0.2	70.4	0.6	96.6	0.8	9.9	10.0
324	Petroleum and coal products.....	8,015.2	2.3	254.2	0.1	335.6	0.1	589.8	0.2	7.4	8.7
325	Chemicals.....	1,770.6	4.7	403.5	0.9	176.4	0.5	579.9	1.4	32.8	29.8
326	Plastics and rubber products.....	1,889.2	11.4	54.7	0.3	367.3	2.2	422.0	2.5	22.3	21.9
327	Nonmetallic mineral products.....	1,595.8	7.5	72.3	0.3	64.4	0.3	136.7	0.6	8.6	8.0
331	Primary metals.....	1,332.3	5.9	359.7	1.5	543.2	2.3	902.9	3.8	67.8	64.4
332	Fabricated metal products.....	2,507.6	17.1	193.5	1.2	745.3	5.4	938.8	6.6	37.4	38.6
333	Machinery.....	2,383.0	13.0	506.9	2.7	229.0	1.2	735.9	3.9	30.9	30.0
334	Computers and electronic products.....	6,998.3	28.4	2,083.9	8.4	2,818.8	12.5	4,902.7	20.9	70.1	73.6
335	Electrical equipment, appliances, and components.....	612.5	3.0	117.7	0.7	66.8	0.5	184.5	1.2	30.1	40.0
336	Transportation equipment.....	29,356.3	61.8	24,161.7	46.5	3,627.3	7.0	27,789.0	53.5	94.7	86.6
337	Furniture and related products.....	840.3	7.5	11.6	0.1	9.6	0.1	21.2	0.2	2.5	2.7
339	Miscellaneous products.....	1,538.1	11.2	277.5	2.0	31.3	0.2	308.8	2.2	20.1	19.6
WEST VIRGINIA.....		19,937.2	65.8	2,335.2	6.2	1,003.2	3.1	3,338.4	9.3	16.7	14.1
311	Food.....	706.1	4.6	1.9	(Z)	1.2	(Z)	3.1	(Z)	0.4	(W)
312	Beverage and tobacco products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
313	Textile mills.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
314	Textile products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
315	Apparel.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	1,749.7	8.2	135.8	0.6	40.7	0.2	176.5	0.8	10.1	9.8
322	Paper.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
323	Printing and related support activities.....	425.4	2.6	5.8	(Z)	2.7	(Z)	8.5	(Z)	2.0	(W)
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	6,101.5	10.5	994.5	1.7	428.7	0.8	1,423.2	2.5	23.3	23.8
326	Plastics and rubber products.....	580.1	3.9	17.3	0.1	50.6	0.3	67.9	0.4	11.7	10.3
327	Nonmetallic mineral products.....	982.5	6.2	40.5	0.4	17.9	0.2	58.4	0.6	5.9	9.7
331	Primary metals.....	2,887.2	9.2	293.4	1.0	140.0	0.5	433.4	1.5	15.0	16.3
332	Fabricated metal products.....	1,382.5	6.4	21.5	0.2	76.3	0.6	97.8	0.8	7.1	12.5
333	Machinery.....	472.9	2.8	84.4	0.5	6.6	(Z)	91.0	0.5	19.2	17.9
334	Computers and electronic products.....	236.8	1.2	70.7	0.4	7.2	(Z)	77.9	0.4	32.9	33.3
335	Electrical equipment, appliances, and components.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
336	Transportation equipment.....	2,468.6	4.3	615.3	1.0	51.7	0.1	667.0	1.1	27.0	25.6
337	Furniture and related products.....	84.0	0.9	1.5	(Z)	0.6	(Z)	2.1	(Z)	2.5	(W)
339	Miscellaneous products.....	194.4	1.7	3.0	(Z)	7.1	0.1	10.1	0.1	5.2	5.9

Table 4. Manufacturing Industries, Shipments and Employment Related to Manufactured Exports by State and Industry Subsector: 2003
 [Includes industry groups with 950 employees or more]

NAICS industry code	Industry and state	Value of all manufacturers' shipments 1/ (million dollars)	All manufacturing employment 1/ (thousand)	Direct exports 2/ (million dollars)	Employment related to direct exports (thousand)	Export supporting shipments (million dollars)	Employment related to supporting shipments (thousand)	Total export related shipments (million dollars)	Total export related employment (thousand)	Export related as percent of all	
										Shipments	Employment
	WISCONSIN.....	132,326.5	484.3	11,779.4	44.4	5,387.4	24.6	17,166.8	69.0	13.0	14.2
311	Food.....	23,032.8	58.9	598.2	1.7	151.5	0.4	749.7	2.1	3.3	3.6
312	Beverage and tobacco products.....	1,537.0	2.5	3.1	(Z)	2.1	(Z)	5.2	(Z)	0.3	(W)
313	Textile mills.....	311.2	1.7	85.9	0.4	50.9	0.3	136.8	0.7	44.0	41.2
314	Textile products.....	195.7	1.8	3.6	(Z)	14.0	0.1	17.6	0.1	9.0	5.6
315	Apparel.....	140.6	1.3	19.5	0.2	3.5	(Z)	23.0	0.2	16.4	15.4
316	Leather and allied products.....	379.8	2.1	32.4	0.2	48.4	0.3	80.8	0.5	21.3	23.8
321	Wood products.....	4,837.8	29.7	125.0	0.7	112.9	0.6	237.9	1.3	4.9	4.4
322	Paper.....	13,292.5	35.9	689.0	2.0	441.1	1.2	1,130.1	3.2	8.5	8.9
323	Printing and related support activities.....	5,059.8	34.6	152.0	1.0	74.7	0.5	226.7	1.5	4.5	4.3
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	6,802.1	13.0	471.9	1.1	550.3	1.5	1,022.2	2.6	15.0	20.0
326	Plastics and rubber products.....	5,574.0	28.7	539.0	2.8	465.5	2.5	1,004.5	5.3	18.0	18.5
327	Nonmetallic mineral products.....	2,600.5	10.3	25.6	0.1	62.2	0.2	87.8	0.3	3.4	2.9
331	Primary metals.....	3,939.8	21.3	248.6	1.2	697.5	3.6	946.1	4.8	24.0	22.5
332	Fabricated metal products.....	10,469.3	62.1	717.5	3.6	982.7	6.1	1,700.2	9.7	16.2	15.6
333	Machinery.....	13,661.3	62.1	3,335.3	13.9	496.0	2.4	3,831.3	16.3	28.0	26.2
334	Computers and electronic products.....	4,746.1	16.2	1,329.9	3.8	247.7	1.2	1,577.6	5.0	33.2	30.9
335	Electrical equipment, appliances, and components.....	6,827.9	26.7	1,127.4	4.6	264.0	1.0	1,391.4	5.6	20.4	21.0
336	Transportation equipment.....	22,887.1	37.9	1,843.5	4.1	624.5	2.1	2,468.0	6.2	10.8	16.4
337	Furniture and related products.....	2,361.4	16.5	79.6	0.5	15.5	0.1	95.1	0.6	4.0	3.6
339	Miscellaneous products.....	3,153.4	20.3	351.8	2.3	56.5	0.4	408.3	2.7	12.9	13.3
	WYOMING.....	4,749.1	11.1	372.9	0.7	45.3	0.1	418.2	0.8	8.8	7.2
311	Food.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
321	Wood products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
323	Printing and related support activities.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
324	Petroleum and coal products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
325	Chemicals.....	1,408.4	2.2	325.0	0.4	18.1	(Z)	343.1	0.4	24.4	18.2
326	Plastics and rubber products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
327	Nonmetallic mineral products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
331	Primary metals.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
332	Fabricated metal products.....	151.8	1.2	1.0	(Z)	4.9	(Z)	5.9	(Z)	3.9	(W)
333	Machinery.....	160.4	1.9	22.8	0.2	0.7	(Z)	23.5	0.2	14.7	10.5
334	Computers and electronic products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
336	Transportation equipment.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
337	Furniture and related products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
339	Miscellaneous products.....	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)

(D) Withheld to avoid disclosing data for individual companies. (W) Withheld because estimate did not meet publication standards based on a consistency review.
 (Z) Less than 50 employees.

1/Source: 2003 Annual Survey of Manufactures.

2/Source: 2003 Foreign Trade Statistics (Census Bureau unpublished data).

Note: Detail may not add to totals due to independent rounding.