

## United States Census Bureau

October 2, 2015

### Measuring America

#### Manufacturing in America

Manufacturing plays a major role in our economy, with more than 11 million employees producing goods that we consume domestically or export abroad. In recognition of the fourth annual Manufacturing Day on October 2, 2015, the Census Bureau joins a group of public and private organizations in celebrating the importance of the manufacturing sector to the nation's economy. The nation relies on several key Census Bureau programs to track America's manufacturing industries, and the most recent year's data from some of these programs are highlighted below.

How does manufacturing compare with other industries?

Manufacturing is the Fourth-Largest Employee

(Number of employees)

Health Care and Social Assistance	18.6 million
Retail Trade	15.0 million
Accommodation and Food Services	12.4 million
Manufacturing	11.3 million
Administrative and Support and Waste Management and Remediation Services	10.2 million
Professional, Scientific, and Technical Services	8.3 million
Finance and Insurance	6.1 million
Wholesale Trade	5.9 million
Construction	5.5 million
Other Services (except Public Administration)	5.3 million
Transportation and Warehousing	4.3 million
Educational Services	3.5 million
Information	3.3 million
Management of Companies and Enterprises	3.1 million
Arts, Entertainment, and Recreation	2.1 million
Real Estate and Rental and Leasing	2.0 million
Mining, Quarrying, and Oil and Gas Extraction	0.8 million
Utilities	0.6 million
Agriculture, Forestry, Fishing and Hunting	0.2 million

Source: 2013 County Business Patterns

Average Annual Payroll per Employee by Sector

Management of Companies and Enterprises	105,100
Utilities	94,200
Finance and Insurance	88,700
Mining, Quarrying, and Oil and Gas Extraction	88,500
Information	83,700
Professional, Scientific, and Technical Services	75,900
Wholesale Trade	65,400
Manufacturing	54,300
Construction	53,700
Total for all sectors	47,500
Real Estate and Rental and Leasing	46,800
Transportation and Warehousing	45,200
Health Care and Social Assistance	44,800
Agriculture, Forestry, Fishing and Hunting	37,700
Administrative and Support and Waste Management and Remediation Services	35,900
Educational Services	35,400
Arts, Entertainment, and Recreation	32,200
Other Services (except Public Administration)	29,000
Retail Trade	25,800
Accommodation and Food Services	17,500

Manufacturing employed 11.3 million workers in 2013. The annual payroll was \$611.8 billion.

Source: 2013 County Business Patterns

Where are the manufacturing Jobs?

Where are US. Manufacturing Jobs?

Number of Employees

Map Legend

0 to 99,999

100,000 to 199,999

200,000 to 349,999

350,000 to 599,999

600,000 +

Alabama	242,093
Alaska	12,406
Arizona	136,644
Arkansas	153,711
California	1,146,841
Colorado	118,701
Connecticut	153,370
Delaware	26,239
District of Columbia	1,047
Florida	281,852
Georgia	340,638
Hawaii	12,172
Idaho	56,982
Illinois	547,259
Indiana	463,363
Iowa	208,190
Kansas	160,314
Kentucky	218,734
Louisiana	126,336
Maine	48,609
Maryland	100,437
Massachusetts	228,032
Michigan	525,565
Minnesota	299,567
Mississippi	138,335
Missouri	244,754
Montana	17,196
Nebraska	91,328
Nevada	39,608
New Hampshire	67,915
New Jersey	221,052
New Mexico	27,766
New York	429,298
North Carolina	408,390
North Dakota	23,441
Ohio	632,722
Oklahoma	133,191
Oregon	151,532
Pennsylvania	539,575
Rhode Island	37,438
South Carolina	214,541
South Dakota	43,702
Tennessee	299,961

Texas	789,812
Utah	112,234
Vermont	30,480
Virginia	232,762
Washington	246,382
West Virginia	49,475
Wisconsin	434,460
Wyoming	9,986

Source: 2013 Annual Survey of Manufactures

In 2013, 29.7 of Manufacturing Employees 25 and older had a bachelor's degree or higher.

Source: 2013 Current Population Survey

In what industries do manufacturers work?

Top 10 Industries by Number of Employees

(Million of employees)

Transportation equipment manufacturing*	1.38 M
Fabricated metal product manufacturing*	1.38 M
Food manufacturing	1.37 M
Machinery manufacturing	1.06 M
Computer and electronic product manufacturing	0.81 M
Chemical manufacturing	0.72 M
Plastics and rubber products manufacturing	0.70 M
Miscellaneous manufacturing	0.54 M
Printing and related support activities	0.43 M
Primary metal manufacturing	0.39 M

Source: 2013 Annual Survey of Manufactures

\*Estimates of number of employees for transportation equipment manufacturing and fabricated metal products manufacturing are not statistically significant at the 90 percent level.

In 2013, there were 11.3 million manufacturing employees

Source: 2013 Annual Survey of Manufactures

In 2013, total annual payroll was \$602.9 billion

Source: 2013 Annual Survey of Manufactures

Which manufacturing industries have the largest value of shipments?

#### Top 10 Industries by Value of Shipments

(Billion of Dollars)

Petroleum and coal products manufacturing	\$865.7 B
Transportation equipment manufacturing	\$837.0 B
Chemical manufacturing	\$797.8 B
Food manufacturing	\$760.8 B
Machinery manufacturing	\$394.1 B
Fabricated metal product manufacturing	\$345.1 B
Computer and electronic product manufacturing	\$325.8 B
Primary metal manufacturing	\$262.2 B
Plastics and rubber products manufacturing	\$227.1 B
Paper manufacturing	\$186.2 B

Source: 2013 Annual Survey of Manufactures

The total value of shipments for 2013 was \$5.8 trillion.

Source: 2013 Annual Survey of Manufactures

How does manufacturing contribute to exports?

In 2013, About 6 in 10 U.S. Exports Dollars came from Manufacturers\*

\$839.2 B Manufacturers 59.9%

\$303.5 B Wholesalers 21.7%

\$258.3 Others and Unclassified 18.4%

\*Graphics shows the known value of the portion of U.S. Exports that could be matched to specific companies.

Source: U.S. Census Bureau, A Profile of U.S. Importing and Exporting Companies, 2012-2013

Source: U.S Census Bureau, 2013 County Business Patterns (CBP). For more information on the data used in the CBP and accuracy of the data see

<http://www.census.gov/econ/cbp/methodology.htm>

Current Population Survey (CPS). 2013 Annual Social and Economic Supplement. For more information on the data used in the CPS and accuracy of the data see <http://www.census.gov/cps/methodology/>

2013 Annual Survey of Manufactures (ASM). For more information on the data used in the ASM and accuracy of the data see [http://www.census.gov/manufacturing/asm/how\\_the\\_data\\_are\\_collected/index.html](http://www.census.gov/manufacturing/asm/how_the_data_are_collected/index.html)

A Profile of U.S. Importing and Exporting Companies, 2012-2013 For more information on the data used in the Profile of U.S. Importing and Exporting Companies and accuracy of the data see <http://www.census.gov/foreign-trade/guide/sec2.html#source>

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