

United States Census Bureau

Measuring America

October 2, 2014

Manufacturing in America

Manufacturing plays a major role in our economy, with almost 300,000 establishments and more than 11 million employees producing goods that we consume domestically or export abroad. In recognition of the third annual Manufacturing Day on October 3, 2014, 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 4th Largest Employer

Health Care and social assistance	18.4 million
Retail trade	14.8 million
Accommodation and food services	12.0 million
Manufacturing	11.2 million
Administrative and support and waste management and remediation services	9.9 million
Professional, scientific, and technical Services	8.0 million
Finance and insurance	6.0 million
Wholesale trade	5.8 million
Construction	5.3 million
Other services (except public administration)	5.3 million
Transportation and warehousing	4.2 million
Educational services	3.5 million
Information	3.1 million
Management of companies and enterprises	3.0 million
Arts, entertainment, and recreation	2.1 million
Real Estate and rental and leasing	1.9 million
Mining, quarrying, and oil and gas extraction	0.7 million
Utilities	0.6 million
Agriculture, forestry, fishing and hunting	0.2 million

Source: 2012 County Business Patterns

Average Annual Payroll per Employee by Sector

Management of companies and enterprises	\$104,000
---	-----------

Utilities	\$92,100
Finance and insurance	\$87,300
Mining, quarrying, and oil and gas extraction	\$84,200
Information	\$81,400
Professional, scientific, and technical services	\$74,200
Wholesale trade	\$64,100
Manufacturing	\$53,500
Construction	\$52,300
Total for all sectors	\$46,700
Real estate and rental and leasing	\$46,000
Health care and social assistance	\$44,300
Transportation and warehousing	\$43,700
Agriculture, forestry, fishing and hunting	\$36,700
Administrative and support and waste management and remediation services	\$35,500
Educational services	\$34,600
Arts, entertainment, and recreation	\$32,100
Other services (except public administration)	\$28,500
Retail trade	\$25,500
Accommodation and food services	\$17,000

Source: 2012 County Business Patterns

Manufacturing employed 11.2 million workers in 2012. The annual payroll was \$598.6 billion.

Source: 2012 County Business Patterns

Where does manufacturing occur in the United States?

Manufacturing Employees by State

Total Number of U.S. Manufacturing Employees = 11.2 Million

California	1,138,370
Texas	769,066
Ohio	630,548
Pennsylvania	547,925
Illinois	544,154
Michigan	500,754
Indiana	455,851
Wisconsin	433,699
New York	430,845
North Carolina	408,716
Georgia	335,703
Minnesota	296,978
Tennessee	296,119

Florida	282,612
Missouri	247,562
Washington	238,560
Alabama	232,510
Virginia	232,037
New Jersey	231,143
Massachusetts	230,026
South Carolina	212,845
Kentucky	210,479
Iowa	205,375
Arkansas	155,336
Kansas	154,088
Connecticut	153,757
Oregon	148,174
Mississippi	140,072
Arizona	138,205
Oklahoma	134,146
Louisiana	127,354
Colorado	120,250
Utah	109,126
Maryland	103,180
Nebraska	92,790
New Hampshire	65,702
Idaho	54,484
West Virginia	50,132
Maine	49,821
South Dakota	43,594
Nevada	39,775
Rhode Island	38,328
Vermont	31,398
New Mexico	27,851
Delaware	26,712
North Dakota	23,866
Montana	16,219
Hawaii	12,177
Alaska	11,935
Wyoming	10,537
District of Columbia	1,157

More than 399,000 (10 states)

100,000 to 399,999 (24 states)

Fewer than 99,000 (16 states and D.C.)

Source: 2012 County Business Patterns

In 2012, 28.7 percent of the manufacturing employees 25 and older had a bachelor's degree or higher.

Source: 2012 Current Population Survey

Manufacturing is one of the Top 3 Employers in 25 states

The 144,060 manufacturing establishments in these 25 states employ 6.4 million people with over \$329 billion in annual payroll.

Top 5 States in Manufacturing Employment

California*	1,138,370
Texas*	769,066
Ohio	630,548
Pennsylvania	547,925
Illinois	544,154

*Manufacturing is not among the Top 3 employers in California and Texas

Map with States with manufacturing as a top 3 employer

Source: 2012 County Business Patterns

In what industries do manufacturers work?

Top 10 Industries by Number of Employees

(Millions of employees)

Food manufacturing 1.41 M

Fabricated metal product manufacturing 1.39 M

Transportation equipment manufacturing 1.36 M

Machinery manufacturing 1.06 M

Computer and electronic products manufacturing 0.85 M

Chemical manufacturing 0.74 M

Plastics and rubber products manufacturing 0.70 M

Miscellaneous manufacturing 0.56 M

Printing and related support manufacturing 0.46 M

Primary metal manufacturing 0.39 M

Source: 2012 Economic Census Advance Summary Statistics

In 2012, there were 296,605 manufacturing establishments.

In 2012, there were 11.3 million manufacturing employees.

In 2012, total annual payroll was \$593.7 billion.

Source: 2012 Economic Census Advance Summary Statistics

Note: Statistics vary slightly between programs. Please see each program's methodology page for additional information about how each program's statistics are produced.

Which manufacturing industries have the largest value of shipments?

Top 10 Industries by Value of Shipments

(Billion of Dollars)

Petroleum and coal products manufacturing \$844 B

Chemical manufacturing \$803 B

Transportation equipment manufacturing \$793 B

Food manufacturing \$748 B

Machinery manufacturing \$408 B

Fabricated metal products manufacturing \$340 B

Computer and electronic products manufacturing \$337 B

Primary Metal manufacturing \$271 B

Plastics and rubber products \$218 B

Paper \$182 B

Source: 2012 Economic Census Advance Summary Statistics

The total value of shipments for 2012 was \$5.8 trillion

Source: 2012 Economic Census Advance Summary Statistics

How does manufacturing contribute to exports?

In 2012, About 6 in 10 U.S. Export Dollars Came From Manufacturers*

60.6% Manufacturers

22.3% Wholesalers

17.1%Others and Unclassified

* Graphic shows the know value of the portion of U.S. exports that could be matched to specific companies.

Source: A Profile of U.S. Importing and Exporting Companies, 2011-2012

United States Census Bureau

Source: US Census Bureau, 2012 County Business Patterns, 2012 Current Population Survey, 2012 Economic Census Advance Summary Statistics, and A Profile of U.S. Importing and Exporting Companies, 2011-2012

Census.gov

#MeasuringAmerica

Facebook, Twitter, Flickr, YouTube, Pinterest

America's Economy Mobile App