



# HOW DO WE KNOW?

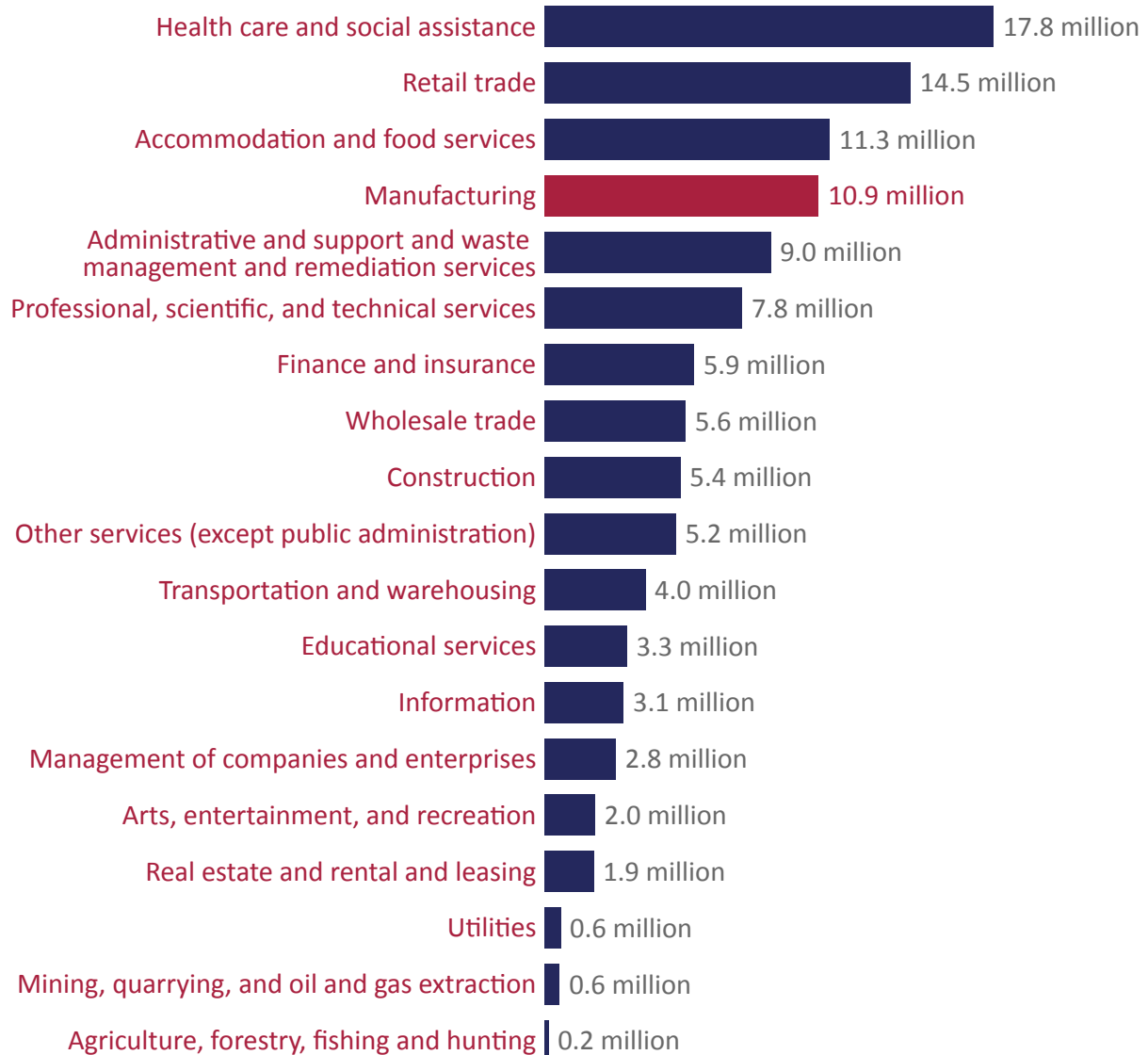
## Manufacturing Day – October 5, 2012

In recognition of the first annual Manufacturing Day on October 5, 2012, 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 data from some of these programs are highlighted below.

# How does manufacturing compare to other industries?

(2010)

## Manufacturing is the 4th Largest Employer



Source: 2010 County Business Patterns

# How does manufacturing compare to other industries?

(2010)

## Average Annual Payroll per Employee by Sector



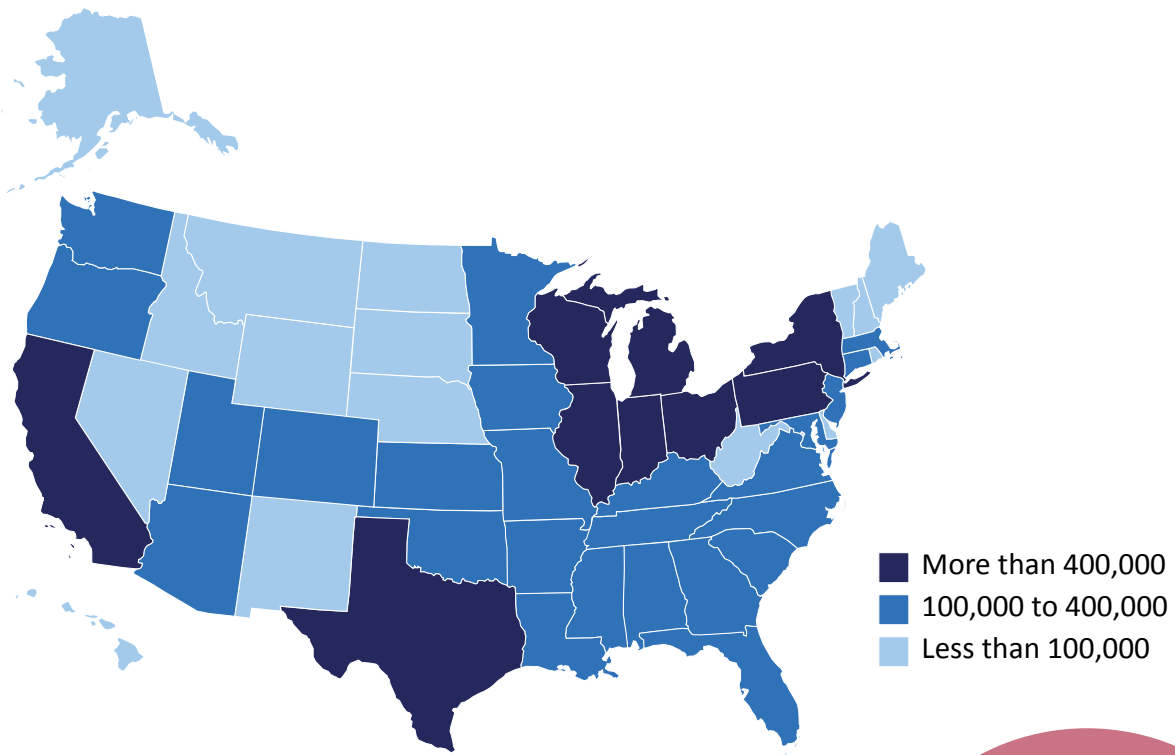
Source: 2010 County Business Patterns

There were 10.9 million manufacturing employees as of March 12, 2010 with an annual payroll of \$550.4 billion.

Source: 2010 County Business Patterns

# Where is manufacturing happening? (2010)

## Manufacturing Employees by State



Source: 2010 County Business Patterns

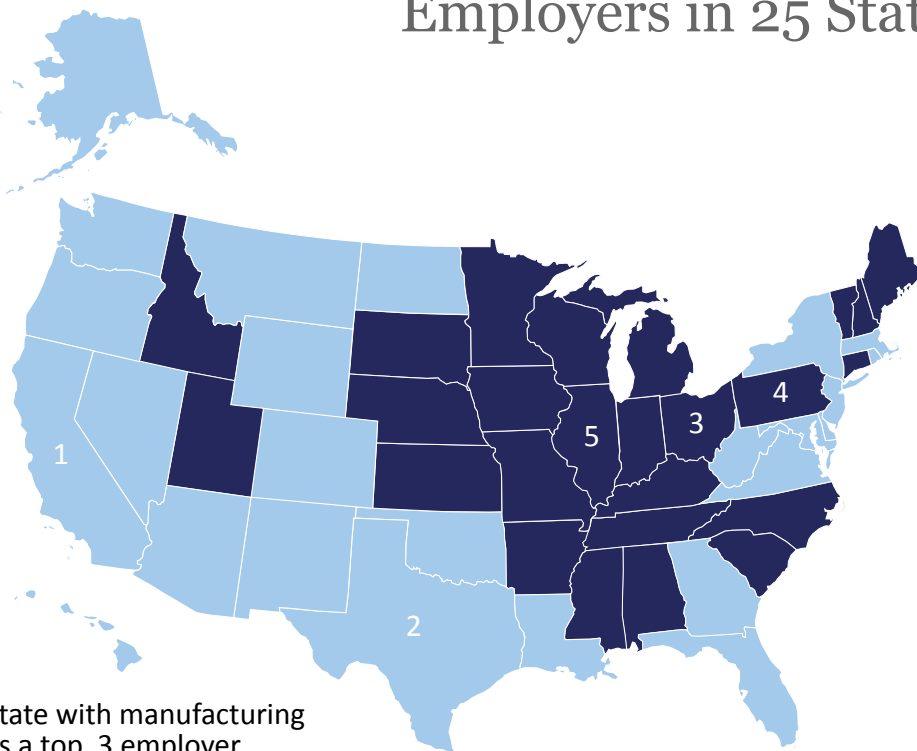
**In 2011, 27.4 percent  
of manufacturing  
employees 25 and  
older had a bachelor's  
degree or higher.**

Source: 2011 Current  
Population Survey

# Where is manufacturing happening?

(2010)

## Manufacturing is One of the Top 3 Employers in 25 States



Source: 2010 County Business Patterns

The 141,831 manufacturing establishments in these states employ over 6 million people with nearly \$293 billion in annual payroll.

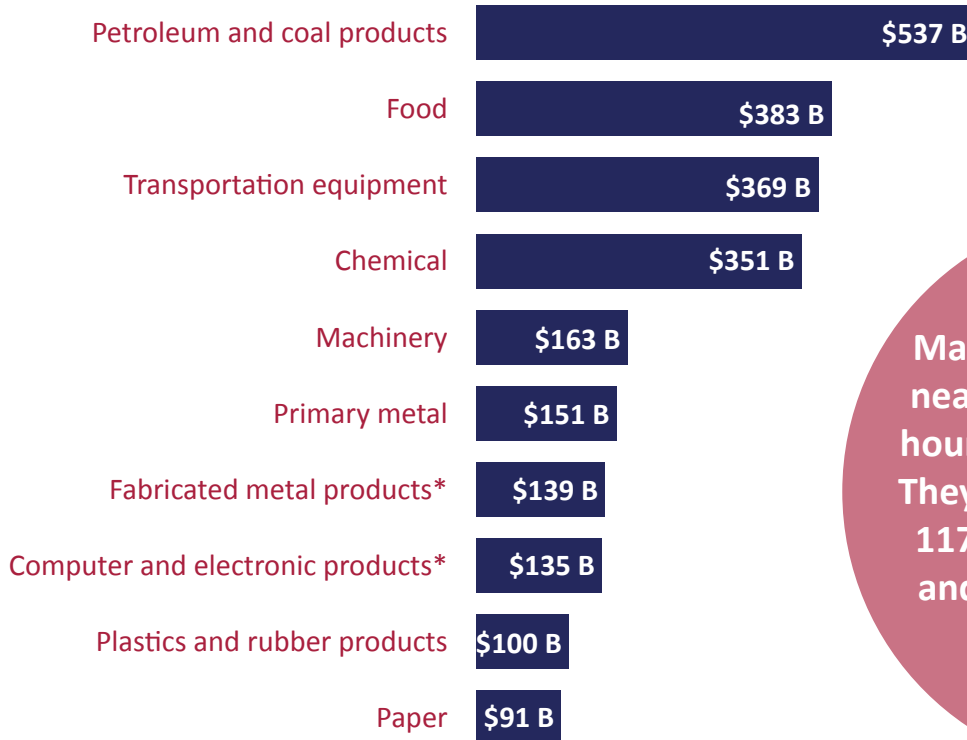
### Top 5 States in Manufacturing Employment: 2010

1. California ..... 1,144,382\*
2. Texas ..... 730,551\*
3. Ohio ..... 599,130
4. Pennsylvania ..... 542,667
5. Illinois ..... 530,947

\*Manufacturing is not in the top 3 employers in California and Texas

# What do they consume? (2010)

## Top 10 Industries by Cost of Materials (Billions of Dollars)



\*Estimates of cost of materials for fabricated metal products and computer and electronic products are not statistically different at the 90 percent level.

Source: 2010 Annual Survey of Manufactures

Manufacturers purchased nearly 789 billion kilowatt hours of electricity in 2010. They also generated nearly 117 billion kilowatt hours and sold nearly 34 billion kilowatt hours.

Source: 2010 Annual Survey of Manufactures

Of the \$128 billion in capital expenditures in 2010, 85% was spent on new and used machinery and equipment.

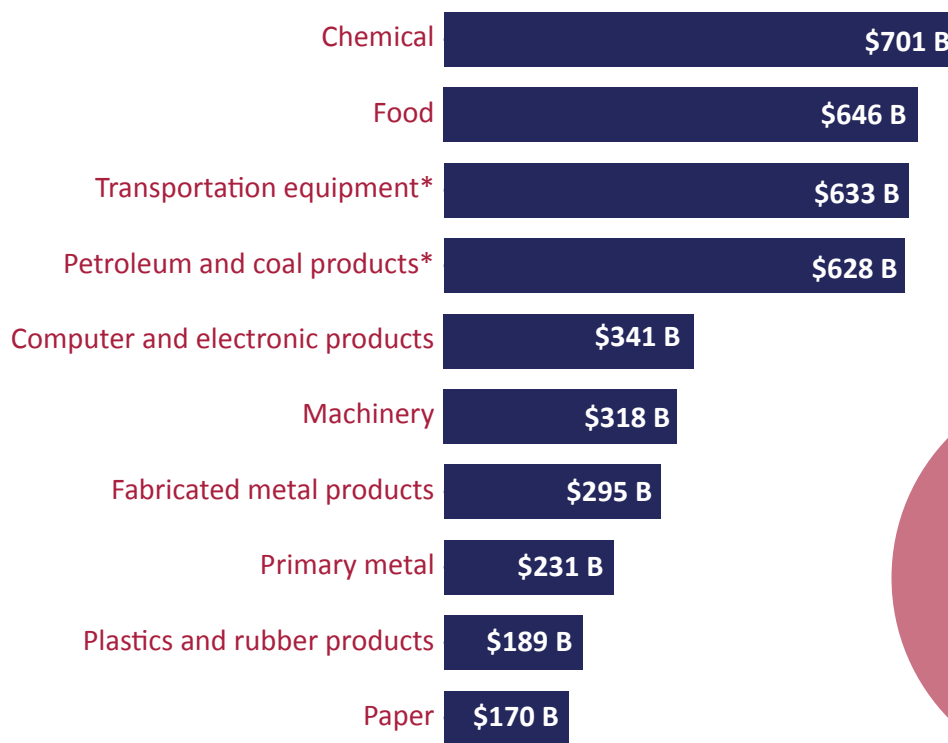
Source: 2010 Annual Survey of Manufactures

Manufacturers spent \$2.8 trillion on materials and in addition spent \$128 billion on capital expenditures.

Source: 2010 Annual Survey of Manufactures

# What do they produce? (2010)

## Top 10 Industries by Value of Shipments (Billions of Dollars)



The total value  
of shipments  
for 2010 was  
\$4.9 trillion.

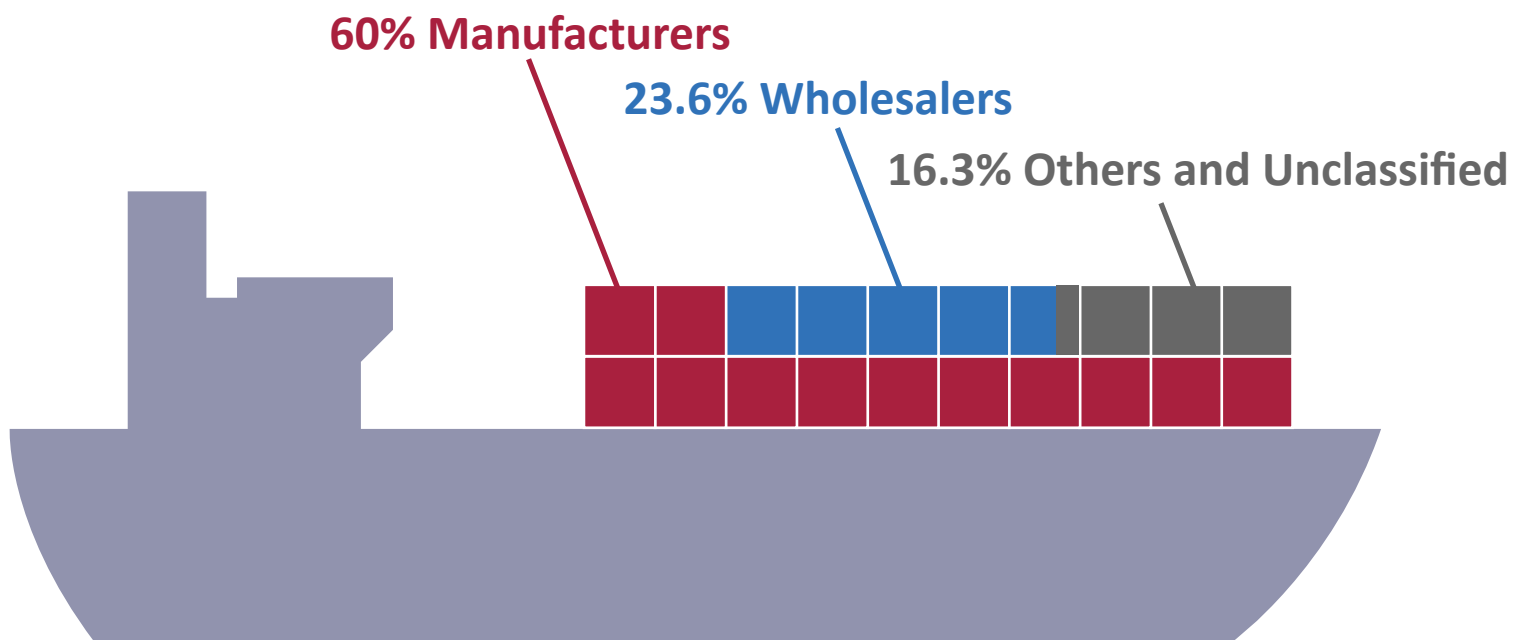
Source: 2010 Annual Survey  
of Manufactures

\*Estimates of value of shipments for transportation equipment and petroleum and coal products are not statistically different at the 90 percent level.

Source: 2010 Annual Survey of Manufactures

# How does manufacturing contribute to exports? (2009-2010)

## Sixty Percent of the Known Value of U.S. Exports Come from Manufacturing\*



\*Known value is defined as the portion of U.S. total exports that could be matched to specific companies.

Source: 2009-2010 Foreign Trade, A Profile of Importing and Exporting Companies.



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#HowDoWeKnow



Sources: Source: 2010 County Business Patterns, 2011 Current Population Survey, Annual Survey of Manufactures 2010, Foreign Trade, A Profile of U.S. Importing and Exporting Companies 2009 - 2010

For more information visit <http://www.census.gov/how>



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