



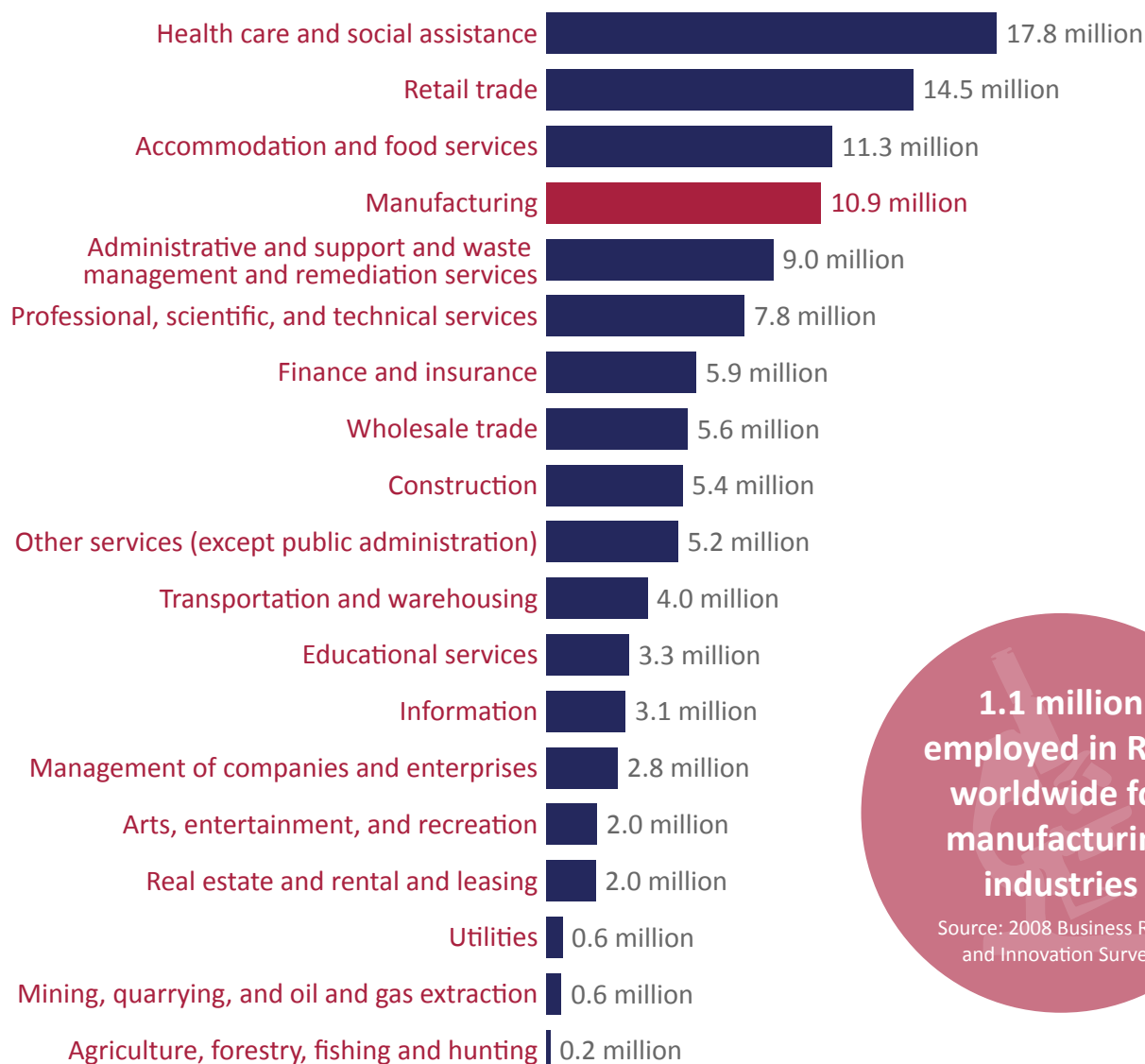
HOW DO WE KNOW?

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?

Manufacturing is the 4th Largest Employer



**1.1 million
employed in R&D
worldwide for
manufacturing
industries**

Source: 2008 Business R&D
and Innovation Survey

Source: 2010 County Business Patterns

How does manufacturing compare to other industries?

Average Annual Payroll per Employee by Sector



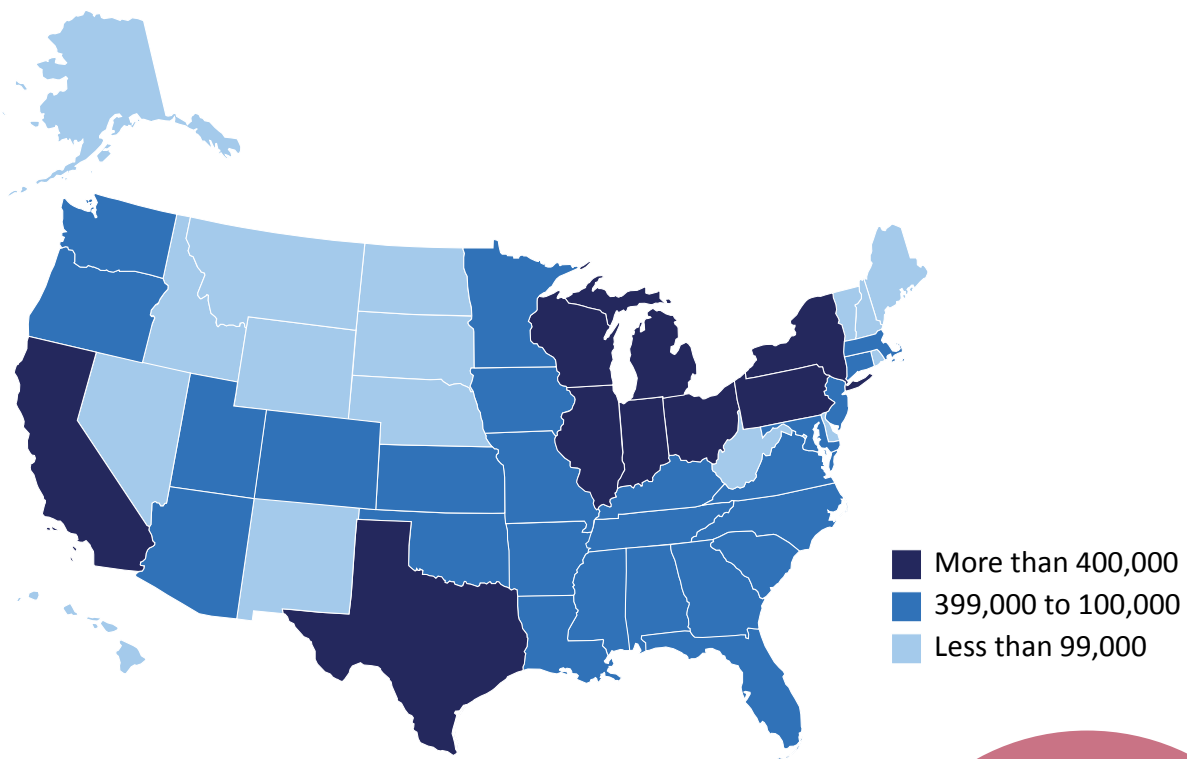
Source: 2010 County Business Patterns

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?

Manufacturing Employees by State



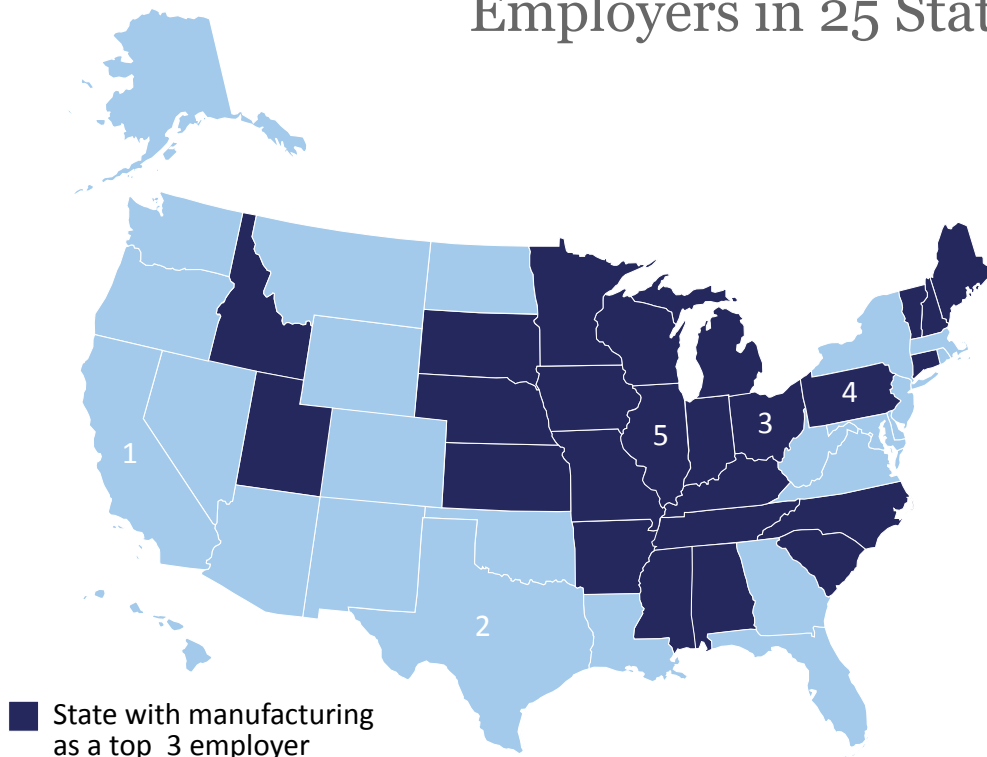
Source: 2010 County Business Patterns

**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?

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.

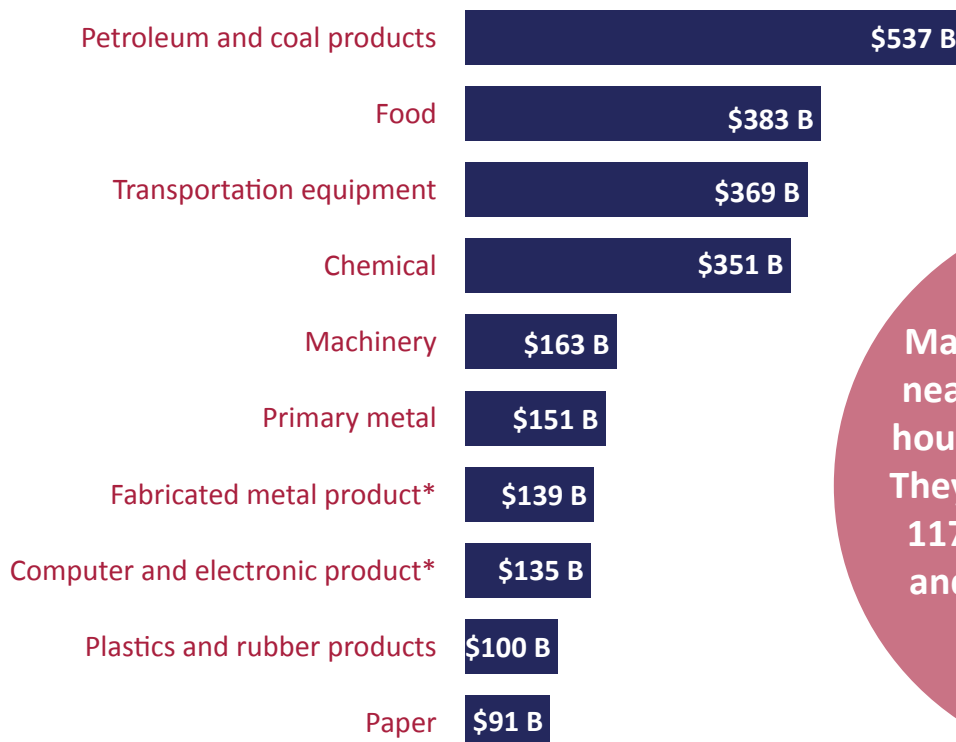
Top 5 States in Manufacturing Employment: 2010

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?

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



*Differences in costs for fabricated metal products and computer and electronic products are not statistically significant.

Source: Annual Survey of Manufactures 2010

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: Annual Survey of Manufactures 2010

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

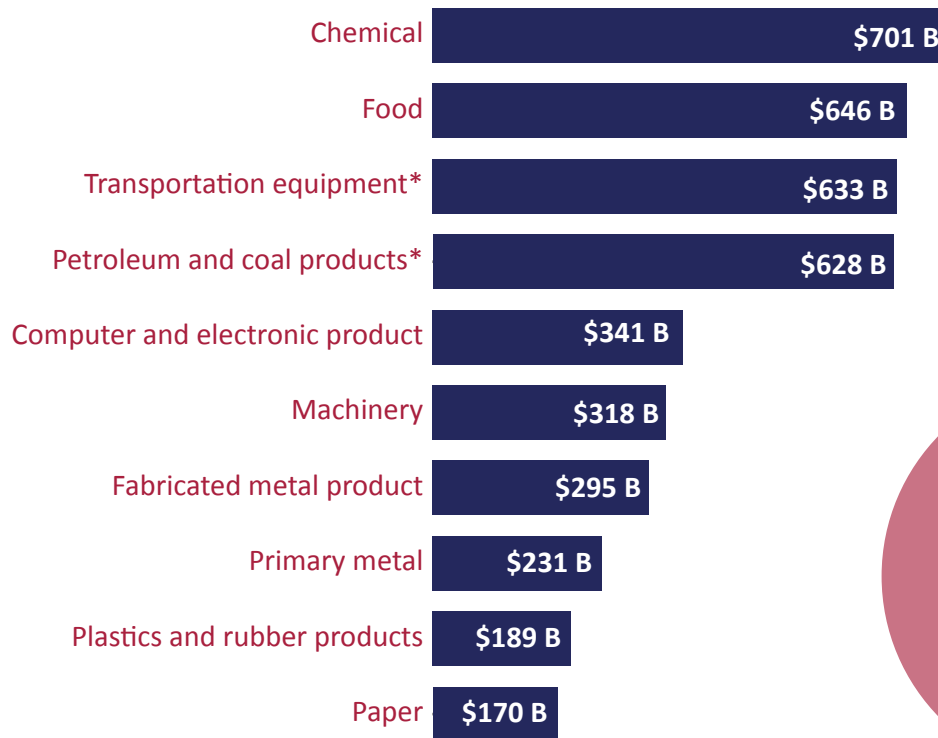
Source: Annual Survey of Manufactures 2010

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

Source: Annual Survey of Manufactures 2010

What do they produce?

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



The total value
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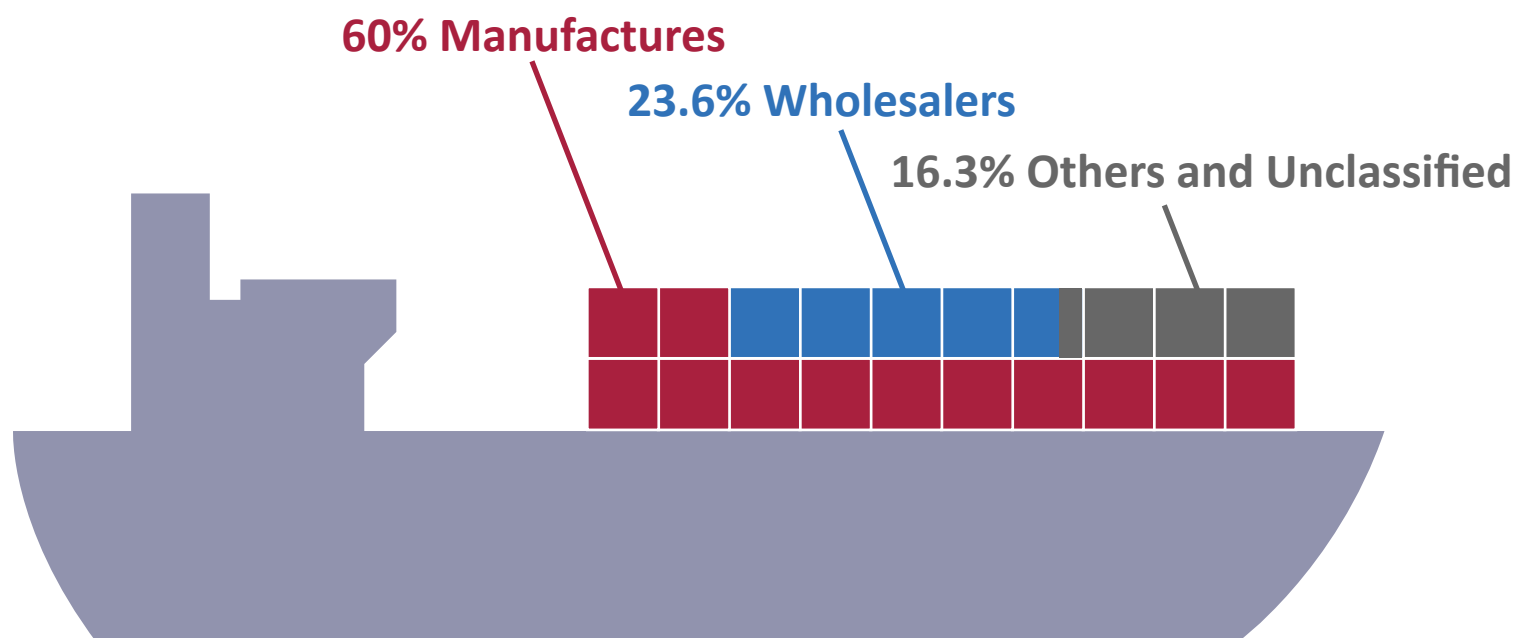
Source: Annual Survey
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*Differences in value of shipments for transportation equipment
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How does manufacturing contribute to exports?

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



Note: Known Value is defined as the portion of U.S. total exports that could be matched to specific companies.

Source: Foreign Trade Profile of Exporters/Importers 2009-2010

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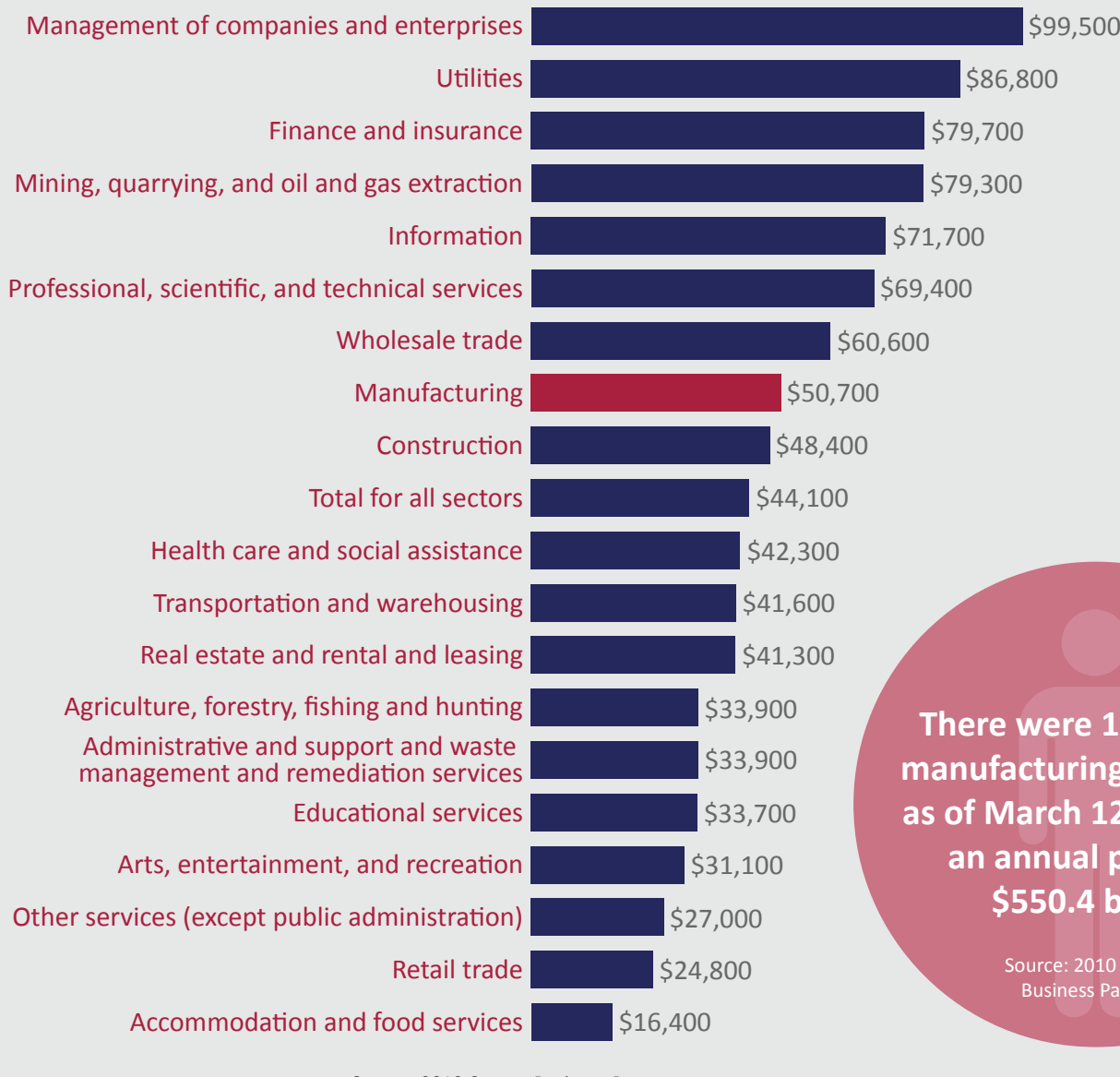


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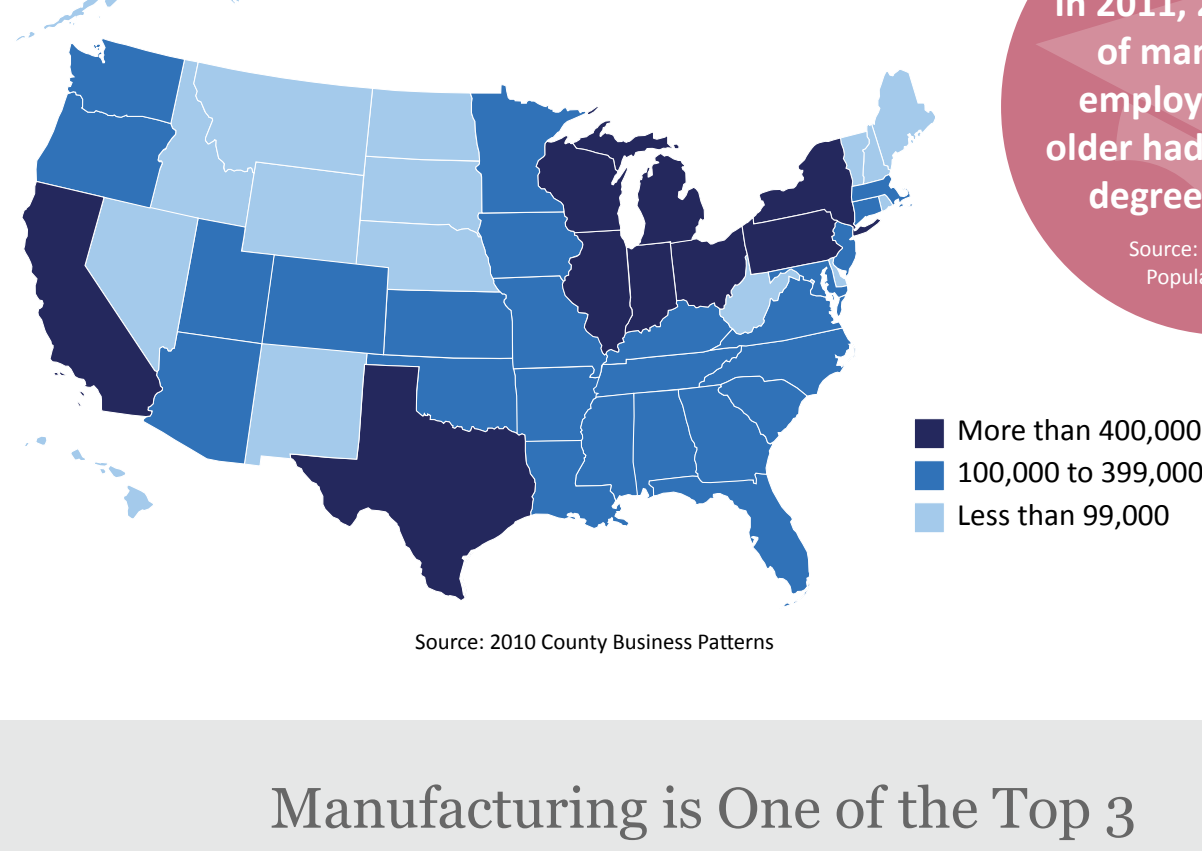
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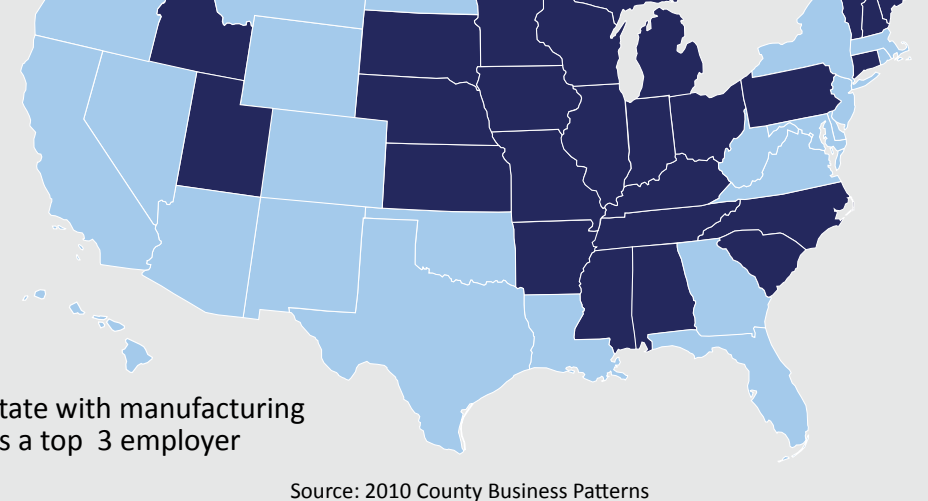


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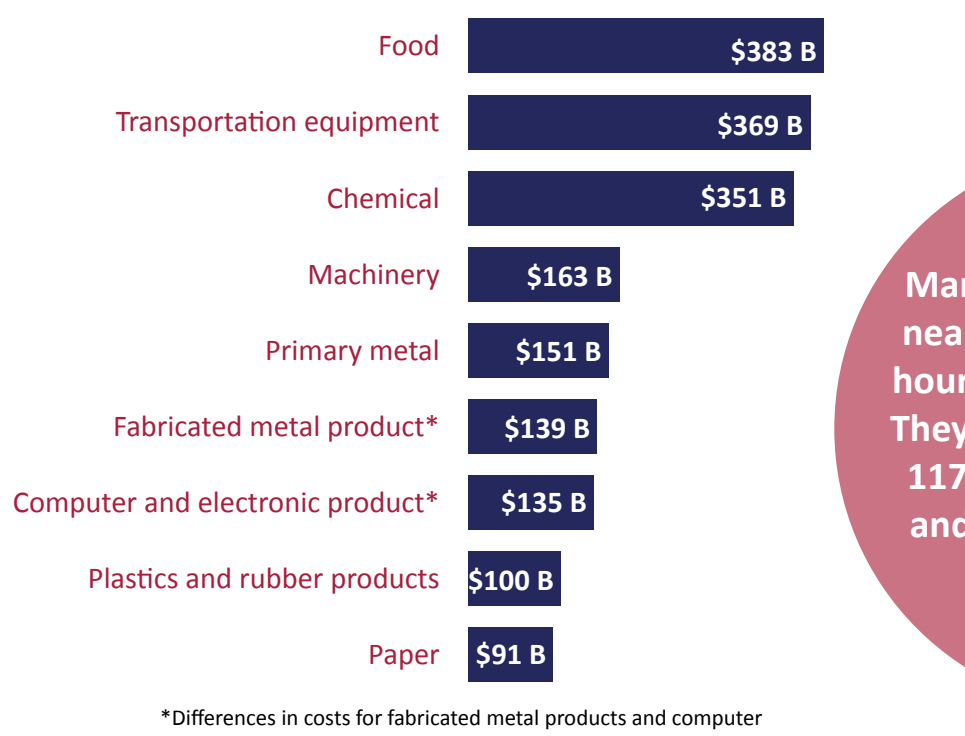
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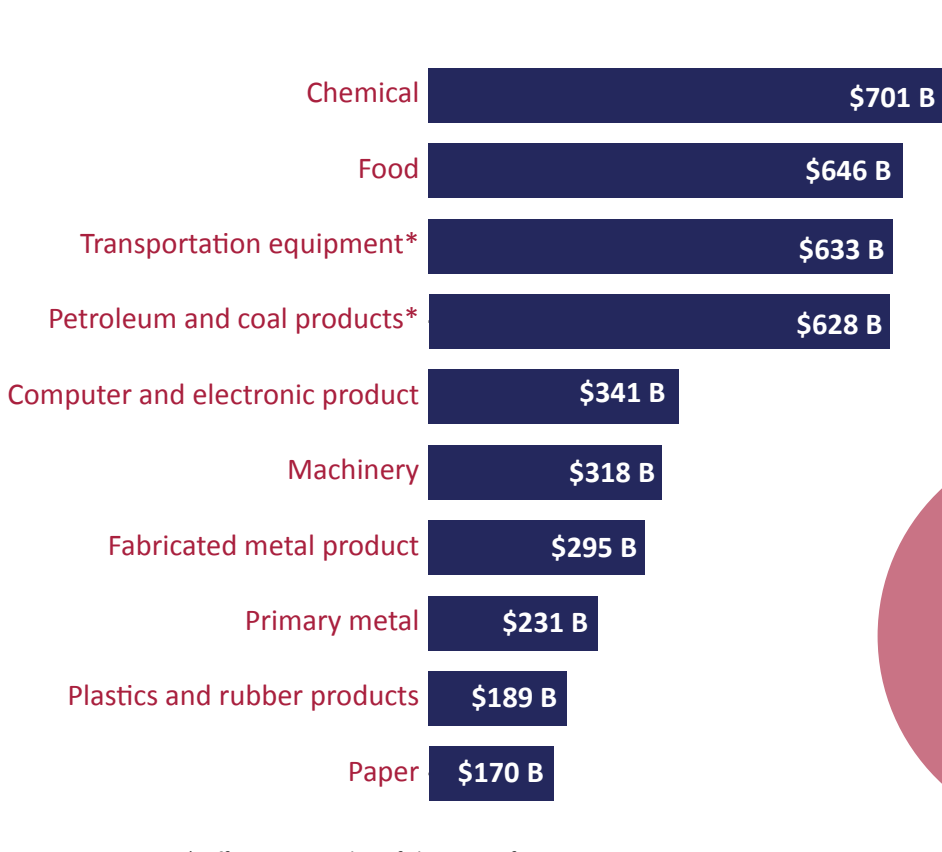
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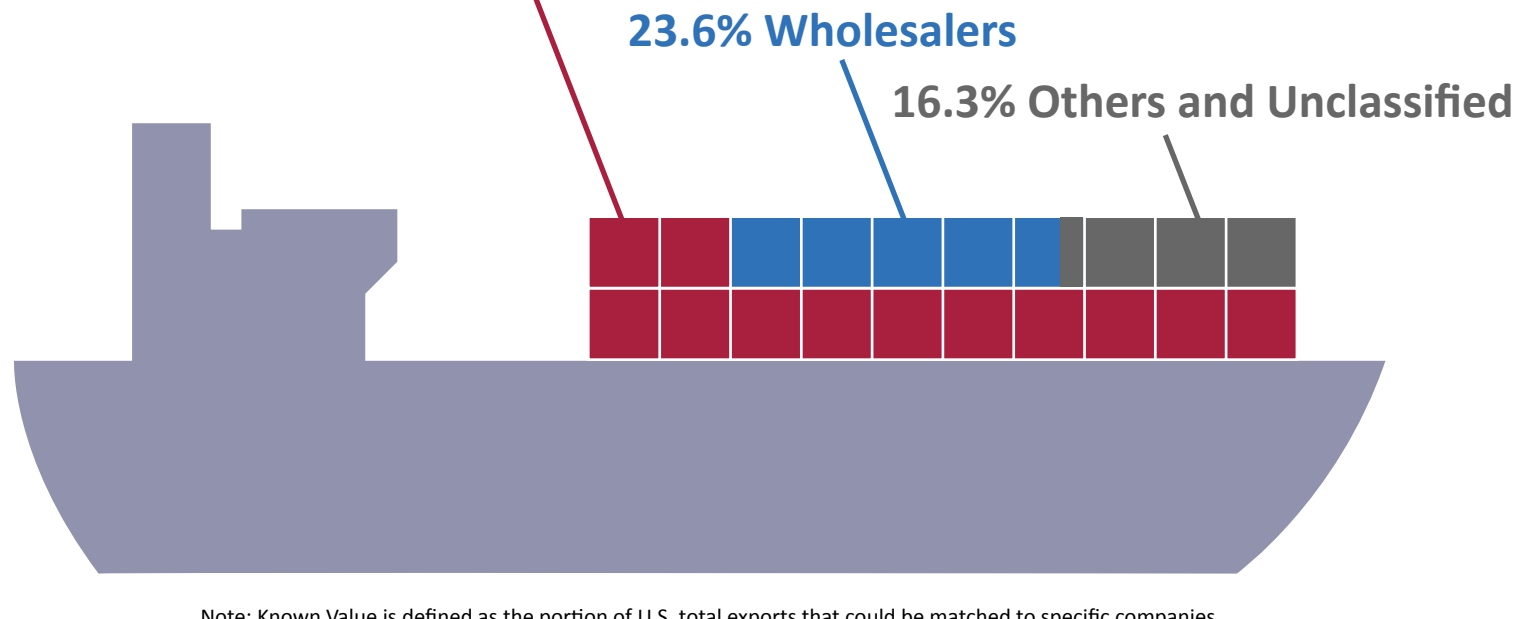
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