

Mapping Michigan's Manufacturing

Manufacturing accounts for 30% of Michigan's economy, more than twice as much as any other sector. One in every six working people in Michigan makes something. The manufacturing of **automobiles** is by far the state's chief industry, and **Detroit, Dearborn, Flint, Pontiac, and Lansing** are historic centers of automobile production.



Label the five cities listed above, that are important to the automotive industry, and the four cities listed below, that are important to other industries. Use a different color for each dot and city name.

The chemical industry in **Midland** is one of the nation's largest; **Kalamazoo** is an important paper-manufacturing and pharmaceuticals center; **Grand Rapids** is noted for its furniture, and **Battle Creek** for its breakfast foods.

Michigan Manufacturing Facts

Fill in the blanks based on the information found at the "MI Manufacturing Facts" button.

1. In 2013, the total output of Michigan's manufacturing was \$ _____ billion dollars.
 2. In 2014 Michigan had _____ manufacturing employees.
 3. In 2013, the average manufacturing employee made about \$ _____.
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Fill in the blanks using the line graph in Figure 1.

1. In what year did Michigan have less than 55 billion in manufacturing output? _____
 2. In what year did Michigan make the most money from the manufacturing industry? _____
 3. In what year did Michigan make just under \$75 billion dollars in manufacturing? _____
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Fill in the blanks using the bar graph in Figure 2.

1. In 2012, which industry did just better than plastics and rubber products? _____
 2. What is the # 10 industry in Michigan? _____
 3. Add the six zeros needed to show how much the motor vehicle industry made in 2012...
_____, _____, _____, _____
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Fill in the blanks based on Michigan's Export Facts

1. In 2014, Michigan exported _____ billion dollars in manufactured goods.
2. In 2011, _____ % of our manufacturing jobs were used to export goods.
3. Almost 43% of our exported goods go to which country? _____