

# Massachusetts Manufacturing Facts

Manufacturers in Massachusetts account for 9.6 percent of the total output in the state, employing 7.0 percent of the workforce. Total output from manufacturing was \$48.75 billion in 2016. In addition, there were 250,500 manufacturing employees in Massachusetts in 2016, with an average annual compensation of \$99,714 in 2016.

## Manufacturing Output and Firms

Total Manufacturing Output (\$billions, 2016) \$48.75  
(Percent share of total gross state product) 9.6%

Manufacturing Firms in Massachusetts (2015) 6,269

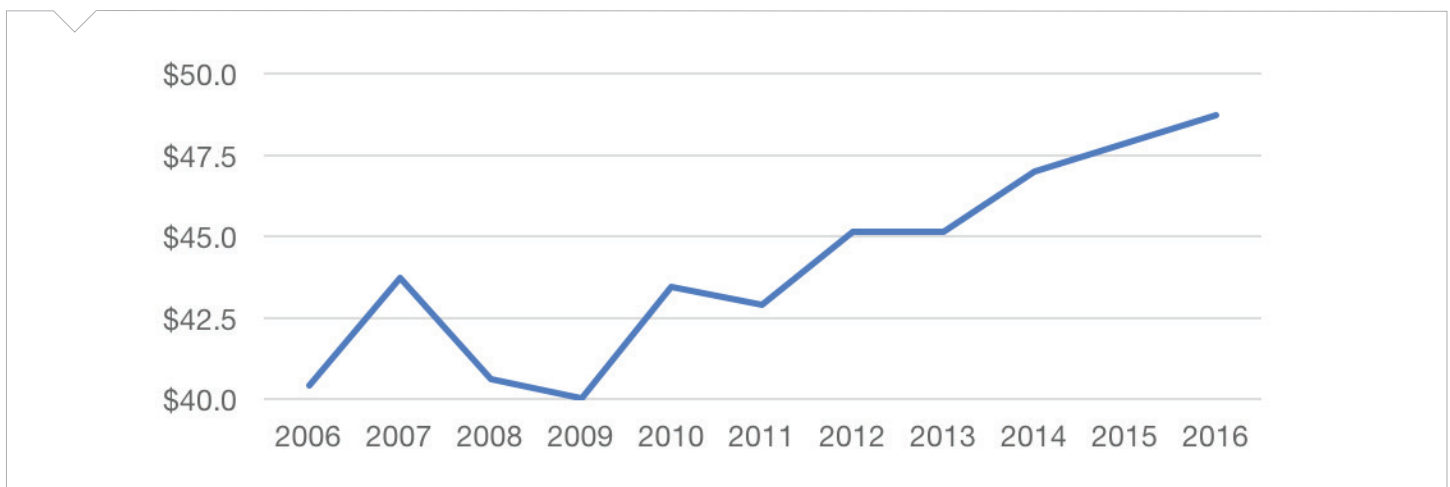
## Employment and Compensation

Manufacturing Employment (2016) 250,500  
(Percent share of nonfarm employment) 7.0%

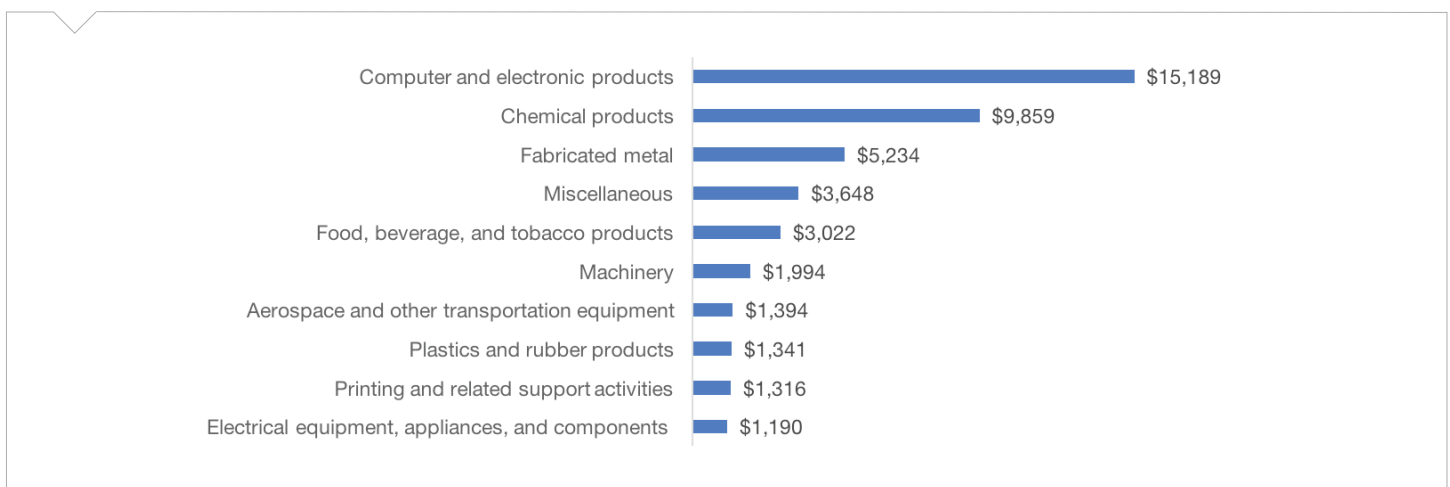
Average Annual Compensation (Manufacturing, 2016) \$99,714  
(Nonfarm Businesses, 2016) \$59,577

Sources: U.S. Bureau of Economic Analysis and the U.S. Census Bureau

**Figure 1:** Massachusetts Manufacturing Output, in Billions of Dollars, 2005–2016



**Figure 2:** Top 10 Massachusetts Manufacturing Sectors, in Millions of Dollars, 2015



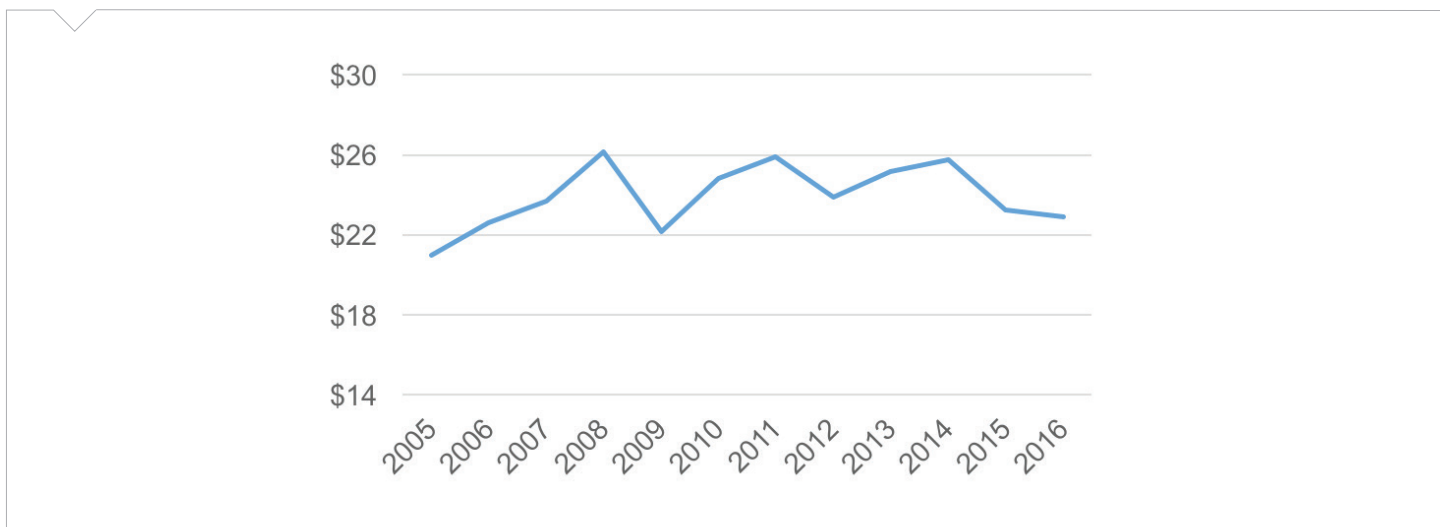
# Massachusetts Export Facts

Manufacturers help to drive Massachusetts's economy, with \$22.91 billion in manufactured goods exports in 2016. That same year, \$7.59 billion in exports was with our free trade agreement (FTA) partners. This helps create jobs in the state, and 30.9 percent of its employment stemmed from exports in 2011. Small businesses comprised 89 percent of all exporters in Massachusetts.

Manufactured Goods Exports (\$billions, 2016) (Percent share of total goods exports)	\$22.91 88.8%	Manufactured Goods to Free Trade Agreement Partners (\$billions, 2016) (Percent of total exports, 2016)	\$7.59 33.1%
U.S. Jobs Supported by Goods Exports (2015)	111,875	Total Manufactured Goods Exports to Canada and Mexico (\$billions, 2016) (Percent of total exports, 2016)	\$5.02 21.9%
Employment from Manufacturing Exports (Export share of manufacturing jobs, 2011)	30.9%	Top Five Export Markets (Percent of total manufactured goods exports, 2016)	44.2%
Small Business Share of Total Exporters (2015)	89%	<ul style="list-style-type: none"> <li>• Canada (11.19%)</li> <li>• Mexico (10.71%)</li> <li>• China (8.74%)</li> <li>• Germany (6.99%)</li> <li>• United Kingdom (6.57%)</li> </ul>	

Sources: International Trade Administration, U.S. Census Bureau

**Figure 3:** Massachusetts's Manufactured Goods Exports, in Billions of Dollars, 2000-2016



## Additional Trade Facts

- The 20 U.S. FTA partners purchased nearly 48 percent (\$603 billion) of U.S. manufactured goods exports in 2016 – even though these countries represent only six percent of the world's population and 10 percent of GDP.
- FTA countries: Australia, Bahrain, Canada, Chile, Columbia, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Israel, Jordan, Mexico, Morocco, Nicaragua, Oman, Panama, Peru, Singapore and South Korea.
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