

Manufacturing Myths – Debunked!

- THE TRUTHS ABOUT THE INDUSTRY TODAY -

Myth #2

Manufacturing is a poor career choice.



Truth

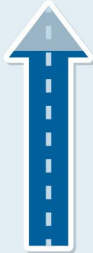
Manufacturing is actually an excellent choice.



MANUFACTURING JOBS PROVIDE:

12M

Employment for over 12 million people, as the 5th largest employment sector in the U.S.



Path to upward mobility, since more than 81% of jobs require no work experience for an entry-level position.



Manufacturing employs about 9% of the total workforce in the U.S. but almost 36% of all the engineers in the country.



More in benefits; earning 32% more in benefits per hour than employees in service industries.



7% more in salary than in service industries.

Salary Premiums paid to recruit qualified talent (as skilled machinists retire).



Stability, with lower turnover and higher tenure than overall private sector non-manufacturing jobs.

HOW THE MEP NATIONAL NETWORK HELPS

MFG DAY

An event that showcases both modern manufacturing and the careers available, **Manufacturing Day** occurs the first Friday of every October and has attracted up to 325,000+ attendees annually across the 50 states and Puerto Rico. To facilitate industry growth, the **MEP National Network** hosts, coordinates, and promotes events for this occasion.



NIST National Institute of Standards and Technology
U.S. Department of Commerce

www.nist.gov/mep/mep-national-network

1-800-MEP-4MFG

Sources: US Bureau of Economic Analysis; The Manufacturing Value Chain Is Much Bigger Than You Think!, Daniel J. Meckstroth, PhD, Vice President and Chief Economist, MAPI Foundation, February 2016; Gray.com, Debunking Myths About U.S. Manufacturing; Myth-Busting American Manufacturing, MAPI Foundation.org, 5/18/17; US Census Bureau, International Trade in Goods and Services; US Bureau of Labor Statistics, Current Employment Statistics, February 2021; Blog.Thomasnet.com, 4 Myths About American Manufacturing, Team Thomas, 9/18/18; California's Manufacturing Industries, Institute for Applied Economics, June 2014; Statista.com, Total employed persons in the United States in 2020, by industry, January 2021; US Bureau of Labor Statistics, Employer Costs for Employee Compensation, National Compensation Survey, 2020; US Bureau of Labor Statistics, Occupational Employment Statistics Survey; World Economic Forum.org, 4 Myths About Manufacturing in the Fourth Industrial Revolution, Ian Cronin, Adrian Widmer, and Diego Hernandez Diaz, 2/4/19; California's Manufacturing Network, The 3 Biggest Myths About Advanced Robotics in Manufacturing, 2/13/18; Autonomous Manufacturing, What Is Industry 4.0? Dispelling 4 Common Myths, 1/15/19; CNBC.com, Manufacturers to spend \$26.2 billion on 'upskilling' in 2020 to attract and keep workers, 1/17/20; Kentuckianetworks.org, What Manufacturing Can Teach Us About How Automation Impacts Jobs, 6/18/19; VoxEU.org/CEPR, Automation and Jobs: When Technology Boosts Employment, James Bessens, 9/12/19; 2018 Deloitte and The Manufacturing Institute skills gap and future of work study; The Manufacturing Institute Training Survey, 1/17/20; MEPNN FY2020 Impacts Overview; Nist.gov/mep/mep-national-network/manufacturing-videos; Nist.gov/mep/manufacturing-day; Nist.gov/mep/successstories, Bringing Innovation to Rural Clothing Manufacturer, 2020; Nist.gov/mep/successstories, Port Chilkoot Distillery Maximizes Energy Efficiency, 2020