



AEROSPACE IS RISING IN WISCONSIN.

WHY AEROSPACE COMPANIES CHOOSE WISCONSIN

Wisconsin is uniquely positioned to advance the global aerospace industry. A national leader in manufacturing production with a supply chain ready-made for new and growing companies, Wisconsin is drawing attention from aerospace executives impressed by the state's cutting-edge research and development in nanotechnology, engineering, power and control systems, and composite materials. Wisconsin offers aerospace manufacturers the infrastructure and talent necessary to reach the highest levels of production and operational excellence.

Fueling Wisconsin's ascension as a leader in aviation and aerospace innovation is a strong foundation of industry research and manufacturing know-how.

You will find in Wisconsin productive collaboration between some of the nation's top manufacturers and our world-class university and technical college systems.

More than 140 Wisconsin suppliers work with Boeing, while engineering and research programs in our statewide universities are providing solutions to industry challenges, including those faced by NASA.

The result is a rapidly developing center of aviation and aerospace excellence in Wisconsin around which new business development opportunities are forming. The data that follow capture the benefits Wisconsin offers to aerospace companies looking to maximize their success.

EMPLOYMENT

Wisconsin's highest distribution of private sector employment is in manufacturing, and we rank as one of the leading states nationally in private sector manufacturing employment distribution. We have some of the highest employment distributions in the nation for the following manufacturing subsectors (Bureau of Labor Statistics QCEW, 2012):

- Fabricated Metal Product Manufacturing (highest in nation)
- Machinery Manufacturing
- Electrical Equipment, appliance and Component Manufacturing (highest in nation)
- Plastics and Rubber Products Manufacturing
- Primary Metal Manufacturing

Additionally, the following subsectors exhibit employment distributions close to the national average:

- Nonmetallic Mineral Product Manufacturing
- Chemical Manufacturing
- Computer and Electronic Product Manufacturing



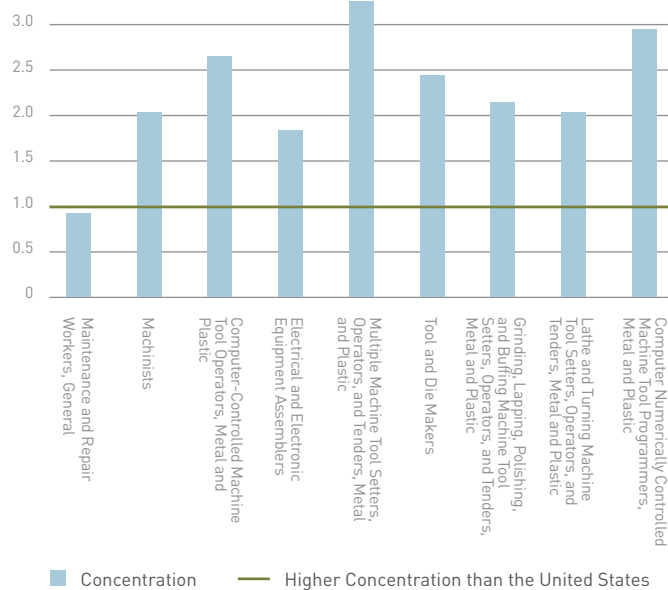
From 2001 to 2011, employment in Wisconsin's Aerospace Product and Parts Manufacturing sector grew by 56.6 percent. Projections through 2021 show steady growth in the following job positions (EMSI Covered Employment, 2012.2):

- Computer Software Engineers, Application
- Computer Hardware Engineers
- Aerospace Engineers
- Computer Software Engineers, Systems Software
- Industrial Engineers

Electrical Engineers are projected to grow from 2017 to 2021.

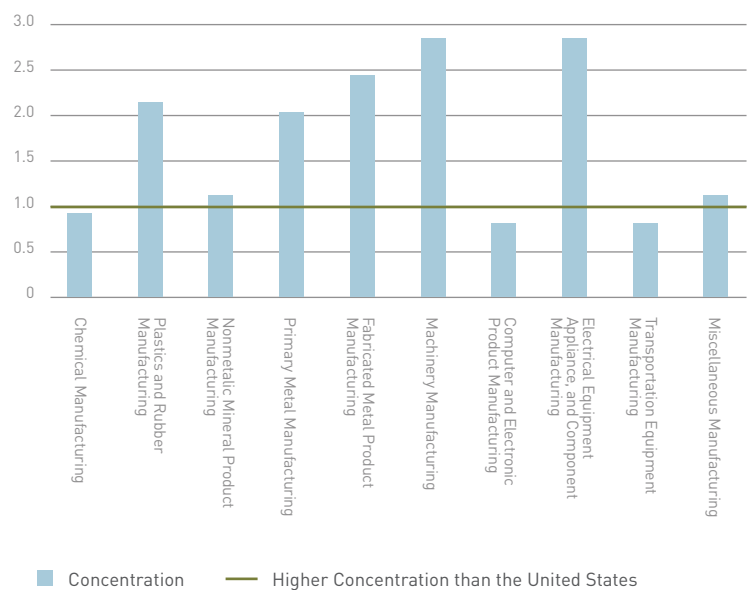
RELEVANT OCCUPATIONS

QCEW Employees - EMSI 2013.4 Class of Worker



MANUFACTURING EMPLOYMENT CONCENTRATION

Bureau of Labor Statistics QCEW, Annual 2012



EDUCATION

Wisconsin is home to 17 engineering-related schools with training that spans from engineering certificates awarded by two-year technical colleges to PhD degrees at four-year institutions. With programs that range from mechanical design and industrial mechanics to four-year programs in electrical engineering, mechanical engineering, computer engineering, and industrial engineering, students are learning the skills necessary to compete and be successful in the global economy (Education News).

COST OF EMPLOYMENT

The private sector manufacturing wage in Wisconsin is low compared to that of the nation and lower still within the aerospace and aviation cluster. Wisconsin wages are 15.1 percent lower than the nation's. In Aerospace Product and Parts Manufacturing, the average annual wage in Wisconsin is \$64,666, 27.2 percent lower than the national wage (Bureau of Labor Statistics QCEW, 2012). The lower wages in Wisconsin come with the distinct advantage of a highly skilled workforce.

ADVANCED INDUSTRY CERTIFICATION

Wisconsin is home to 531 ISO certified firms in the following two-digit SIC codes (EZ Select Online, 2012):

- Chemicals and Allied Products (SIC 28)
- Rubber and Misc Plastic Products (SIC 30)
- Industrial Machinery & Equipment (SIC 35)
- Electronic and Other Electrical Equipment (SIC 36)
- Instruments and Related Products (SIC 38)
- Miscellaneous Manufacturing Industries (SIC 39)

INDUSTRY LEADERSHIP

Wisconsin's annual EAA Airventure event brings in nearly 500,000 aviation enthusiasts from over 60 countries. This premier airshow exposes visitors to the latest aviation innovations while creating a forum for discovery for industry participants. The event attracts corporate leaders, enthusiasts, and government officials, providing education and entertainment to all. Airventure is truly a Wisconsin summer highlight that showcases the spirit and dedication of the state to the aerospace industry (EAA).

AeroInnovate, formed in Wisconsin in 2007 by a small group of aerospace visionaries at the University of Wisconsin–Oshkosh further distinguishes the state's industry leadership. This program helps aero innovators around the world — from investors and entrepreneurs to researchers and academics — connect, share, and commercialize their ideas (AeroInnovate).

PERFORMANCE ENHANCEMENT LEADERSHIP

Wisconsin's Manufacturing Extension Partnership Supply Chain Advantage program brings improvement services to suppliers in order to enhance the performance of small and midsize suppliers to OEMs and military contractors (WMEP Supply Chain Advantage).

WHY WISCONSIN?

Centrally located in the United States' leading manufacturing and agricultural region, Wisconsin is one of the best places for business. Generations of business leaders have recognized the advantages our major ports provide, giving them quick access to markets throughout the country and around the world. Plus, our transportation infrastructure allows distribution of goods and services rapidly, reaching many markets within one day.

Beyond location, Wisconsin's highly skilled workforce has been recognized around the world for its industrious, Midwestern work ethic. We enjoy a high quality of life with one of the lowest cost-of-living indices in the country. And businesses located in Wisconsin face a very low risk of natural disasters—decreasing the risk of downtime and reduced productivity.

It's not just the people and ports that strengthen Wisconsin. Our business climate is attractive to companies looking to expand, relocate or establish North American operations. Our initiatives and policies are boosting our economy and creating an environment where businesses succeed. In addition, we offer a highly integrated, responsive network of public and private organizations ready to assist companies interested in Wisconsin.



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