

# Manufacturing in the Dayton Region

**The Dayton, Ohio, Region's manufacturing industry is one of the largest, most highly developed centers in the United States. The unique and compelling nature of the industry is a result of cutting-edge technology, sophisticated processes and a highly skilled workforce. Supported by the Region's 40 colleges and universities, abundant water and transportation resources, and an incredible knack for innovation, Dayton-area manufacturing is globally competitive for businesses entering or expanding in the Region:**

**Economic development:** In the 14-county area comprising the Dayton Region, stretching north to Auglaize and southeast to Clinton counties, manufacturing is one of the most significant contributors to economic development. In 2014 and 2015, the manufacturing industry invested \$2.1 billion in the area by expanding 46 facilities, constructing 15 new facilities, and creating 6,609 jobs.<sup>1</sup>

**Companies:** Over 2,476<sup>2</sup> manufacturers do business in the Dayton Region.

**Employees:** Manufacturing employs 123,892<sup>3</sup> workers – 14.5% of the area's workforce.

**Annual openings:** From 2015 to 2025, the Region's production occupations are expected to witness 3,301<sup>7</sup> average annual openings.

**Payroll and sales:** Manufacturing contributes 17.7% – \$8.8 billion<sup>4</sup> of the Region's annual total payroll and contributes \$48.2 billion<sup>5</sup> in annual sales.

**Concentrated capabilities:** The Dayton Region is one of the largest tooling, machining and material processing centers in the U.S. The area is home to unique, specialized services such as heat treating, coating, brazing and microfinishing. The multi-source supplier base also includes engineering design, research and development, assembly, fabrication, precision machining, welding, laser and waterjet cutting, prototyping services and much more.

**Economic multiplier effect:** Every dollar of business coming into the Region's manufacturing industry has a high ripple effect. One dollar of sales could have a ripple effect up to \$1.86<sup>6</sup> in regional sales because of the area's strong manufacturing cluster.

**Diverse markets:** Dayton Region manufacturers serve customers in a wide variety of markets, including aerospace, energy, medical, defense, communication and transportation.

Fifty-one percent of Dayton-area manufacturers sell to local customers; 55% to regional customers; 51% nationally and 28% internationally.

**Future growth:** Data analysis identifies advanced manufacturing as a strategic growth industry in the Dayton Region. Four areas of manufacturing concentration -- aerospace, computer/electronics; chemical, plastic and rubber; and metalworking and machining -- are expected to add a significant number of jobs in the next ten years. To make sure the Dayton area is poised to meet this demand, the Region's academic, public and private sectors are collaborating to align workforce education and training programs with manufacturers' needs.

Manufacturing is critical to the economic and national security of the United States, making manufacturing hubs like the Dayton Region a vital investment in our country's future. Founded in 1934, the Dayton Region Manufacturers Association (DRMA) is the voice of the Region's manufacturing industry, serving its members through peer-to-peer networking, career awareness, advocacy, education, economic development, and sharing of best practices.

## At a Glance

- 2,476 companies
- 123,892 employees
- \$8.8 billion annual payroll
- \$2.1 billion economic development
- \$48.2 billion annual sales



*All numbers are based on 2015 statistics.  
Research conducted by Wright State University's  
Applied Policy Research Institute.*

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# Works Cited

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Research conducted by Wright State University's Applied Policy Research Institute

<sup>1</sup> Ohio Department of Development, 2015

<sup>2</sup> emsi Analyst, Dataset 2017.1

<sup>3</sup> emsi Analyst, Dataset 2017.1

<sup>4</sup> emsi Analyst, Dataset 2017.1

<sup>5</sup> emsi Analyst, Dataset 2017.1

<sup>6</sup> emsi Analyst, Dataset 2017.1

<sup>7</sup> emsi Analyst, Dataset 2017.1

The top five production occupations are listed below by title (annual openings):

- Team Assemblers (329)
- Machinists (304)
- Inspectors, Testers, Sorters, Samplers, and Weighers (199)
- Packaging and Filling Machine Operators and Tenders (177)
- Computer-Controlled Machine Tool Operators, Metal and Plastics (171)

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