

Advanced Manufacturing Industry Snapshot Greater Dayton Region

Industry Overview

Advanced Manufacturing involves the application of high-technology machinery, engineering, and design in the traditional manufacturing setting. The Greater Dayton Region's strong nucleus of manufacturers have adopted many new technologies for the sake of improved efficiency and productivity. With such a wealth of operations supporting a host of manufacturers from automotive to aerospace to robotics, Dayton boasts one of North America's Top 5 largest concentrations of tooling and machining companies.

Source: US Census, 2002 NAICS Definitions

Regional Profile of Advanced Manufacturing

North American Industry Classification System (NAICS)

Industry Code	Industry Description	Employees	Establishments
31-33	Manufacturing	81,664	1,657
323	Printing and Related Support Activities	4,931	171
325	Chemical Manufacturing	1,513	39
326	Plastics and Rubber Products Manufacturing	7,184	89
332	Fabricated Metal Product Manufacturing	9,306	401
333	Machinery Manufacturing	13,101	311
334	Computer and Electronic Product Manufacturing	3,374	71
335	Electrical Equipment and Appliance Manufacturing	1,280	32
336	Transportation Equipment Manufacturing	24,249	101

Source: Bureau of Labor Statistics, 2001 Data

The above figures represent the Dayton-Springfield MSA.

Advanced Manufacturing Fast Facts

- The 12-county region centered on Dayton, Ohio, is North America's **4th largest tooling and machining hub** with more than 800 tooling, machining, and related companies
- This same 12-county region boasts the **best regional cost index** of the Top 10 tooling and machining centers in North America
- Ohio **led the nation** in valued added in 11 specific industries, was second in nine, and third in five
- Ohio is home to **7.4%** of the US Machinery Industry's establishments and **7.7%** of its workforce
- 65 companies representing **13 nations** outside of the US employed at least 10,900 people in all manufacturing industry groups in Ohio in 2000
- The greatest concentrations of industry employment in Ohio occur in metal forming machine tools, welding and soldering equipment, plastics and rubber industry machinery, and rolling mill machinery

Sources: *The Ohio Machinery Industry*, Office of Strategic Research, Ohio Department of Development, Tool Valley Network

Wage Rates for Selected Occupations in Advanced Manufacturing

SOC Code	Description	Average Hourly Wage	Average Annual Wage
51-4041	Machinists	\$16.52	\$34,362
51-4111	Tool & Die Makers	\$23.69	\$49,275
51-4194	Tool Grinders, Filers, and Sharpeners	\$22.73	\$47,278
51-9022	Grinding & Polishing Workers, Hand	\$18.78	\$39,062
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	\$20.48	\$42,598
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	\$11.17	\$23,234
51-4071	Foundry Mold and Coremakers	\$13.56	\$28,205
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders	\$14.81	\$30,805

Source: *SOC-Based Occupational Wage Estimates*, Labor Market Information, 2001

Leading Regional Employers

Company	Employment	Location
Honda of America Manufacturing Inc.	13,200	Marysville
Delphi	8,700	Moraine
General Motors Truck Group	4,300	Moraine
AK Steel	3,800	Middletown
Oce-USA, Inc.	3,000	Miamisburg
International Truck & Engine	2,500	Springfield
Behr America	2,400	Dayton
Copeland Corporation	2,000	Sidney
Lau Industries, Inc.	1,500	Dayton
Matsushita Display Devices	1,400	Troy

Source: *Major Employer Directory*, Dayton Area Chamber of Commerce

Industry Support

- **Dayton Tooling & Machining Association**
www.dtma.org
- **Tool Valley Network**
www.toolvalley.com
- **Edison Materials Technology Center**
www.emtec.org
- **TechSolve**
www.techsolve.org
- **Advanced Integrated Manufacturing Center**
www.aimcenter.org
- **National Composite Center**
www.compositecenter.org
- **Wright Technology Network**
www.wtn.org