

INDUSTRY SNAPSHOT

MANUFACTURING



The **manufacturing industry** is in the business of transforming materials into new products. Local manufacturers seek individuals who are adaptable, dependable, and detail-oriented. Mechanical aptitude, analytical thinking and the ability to apply logic to solve challenges are also key for anyone considering a career in manufacturing.

Sub-sectors include: Manufacturing of Food and Beverages; Computers and Electronics; Machinery; Pharmaceuticals; Paper; Wood Products and more

Local Fast Facts - Frederick County, MD

275	Employers
+399	10-Year Job Growth
+7%	5-Year Job Growth Rate
\$79,820	Average Annual Salary
5,572	People Employed

Regional Fast Facts - within a 50 mile radius of Frederick, MD

2,413	Employers
+4,312	5-Year Job Growth
+5.9%	5-Year Job Growth Rate
\$105,758	Average Annual Salary
72,297	People Employed



Complete an assessment to discover if a career in manufacturing is right for you!



Manufacturing Occupations by Level of Education & Median Hourly Wage

High School Diploma

Certification or Associate's Degree

Bachelor's Degree & Above

Production Helper: \$14.61/hr

Printing Press Operator: \$20.10/hr

Manufacturing Engineer: \$47.13/hr

Assembler & Fabricator: \$14.64/hr

Welder, Solder & Brazier: \$26.09/hr

Production Manager: \$52.30/hr

Machine Operator: \$15.37/hr

CNC Machinist: \$28.53/hr

Director of Operations: \$56.37/hr

Top Advertised Job Skills for Manufacturing Occupations

Management

Communications

Operations

Good Manufacturing Practices

Warehousing

Check out O*net Online to further explore the knowledge, skills and abilities needed for hundreds of occupations!

<https://www.onetonline.org/>



Manufacturing Education & Training Programs

FCPS, Career & Technology Center (CTC)

AutoCAD Engineering Mechanical and Technical Programs are available to help prepare you for a career in manufacturing.

Frederick Community College

Individual courses and short-term occupational training programs are available including industrial Maintenance, Manufacturing Technology, Welding, and more.

Maryland Apprenticeship & Training Program

An opportunity to "earn while you learn." Apprentices are "sponsored" by an employer or association and receive full-time hands-on training with a skilled craftsman. In addition, they receive related classroom instruction which helps to prepare them for a career in a high demand occupation.

Financial Aid Information: Scholarships & Grants

Federal Student Aid: <https://studentaid.gov>

Frederick County Workforce Services: www.FrederickWORKS.com

Community Foundation of Frederick County: www.frederickcountygives.com



Local Resources for Additional Information

Frederick County Workforce Services: www.FrederickWORKS.com

Frederick County Office of Economic Development: www.discoverfrederickmd.com/manufacturing

Maryland Extension Partnership: <http://www.mdmp.org>