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OCCUPATIONAL OUTLOOK HANDBOOK

Occupational Outlook Handbook > Production >

 

Machinists and Tool and Die Makers

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Summary

Quick Facts: Machinists and Tool and Die Makers	
2018 Median Pay	\$44,950 per year \$21.61 per hour
Typical Entry-Level Education	See How to Become One
Work Experience in a Related Occupation	None
On-the-job Training	Long-term on-the-job training
Number of Jobs, 2018	469,500
Job Outlook, 2018-28	1% (Little or no change)
Employment Change, 2018-28	5,400



[What Machinists and Tool and Die Makers Do](#)

Machinists and tool and die makers set up and operate machine tools to produce precision metal parts, instruments, and tools.

[Work Environment](#)

Machinists and tool and die makers work in machine shops, toolrooms, and factories. Although many work full time during regular business hours, overtime may be common, as is evening and weekend work.

[How to Become a Machinist or Tool and Die Maker](#)

Machinists and tool and die makers typically are trained on the job. Some learn through training or apprenticeship programs, vocational schools, or community and technical colleges. Although machinists typically need just a high school diploma, tool and die makers may need to complete courses beyond high school.

[Pay](#)

The median annual wage for machinists was \$43,630 in May 2018.

The median annual wage for tool and die makers was \$52,750 in May 2018.

[Job Outlook](#)

Overall employment of machinists and tool and die makers is projected to show little or no change from 2018 to 2028. Job opportunities are expected to arise from the need to replace workers who retire or leave the occupation each year.

[State & Area Data](#)

Explore resources for employment and wages by state and area for machinists and tool and die makers.

[Similar Occupations](#)

Compare the job duties, education, job growth, and pay of machinists and tool and die makers with similar occupations.

[More Information, Including Links to O*NET](#)

Learn more about machinists and tool and die makers by visiting additional resources, including O*NET, a source on key characteristics of workers and occupations.

SUGGESTED CITATION:

Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook*, Machinists and Tool and Die Makers, on the Internet at <https://www.bls.gov/ooh/production/machinists-and-tool-and-die-makers.htm> (visited January 24, 2020).

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