

# HOT JOBS

## UPPER PENINSULA



Demand Occupations	Wage Range	Projected Growth 2012-2022	Projected Annual Job Openings	Education and Training Beyond High School
Accountants and Auditors	\$20- 31	8.5%	23	Bachelor's degree, license
Carpenters	\$16- 22	17.4%	28	Apprenticeship, license
Civil Engineers	\$32- 40	13.0%	9	Bachelor's degree, license
Computer-Controlled Machine Tool Operators	\$18- 23	20.0%	11	Moderate-term OJT
Construction Managers	\$28- 38	10.6%	6	Bachelor's degree, license
Dental Hygienists	\$26- 33	9.6%	10	Associate's degree, license
Electrical Power-Line Installers and Repairers	\$29- 41*	7.9%	8	Long-term OJT
Electricians	\$23- 30	8.4%	24	Apprenticeship, license
General and Operations Managers	\$23- 49	6.9%	33	Bachelor's degree
Heating, A/C, and Refrigeration Mechanics and Installers	\$10- 29	15.4%	8	Postsec. nondegree award, license
Heavy and Tractor-Trailer Truck Drivers	\$14- 22	4.8%	43	Postsec. nondegree award, license
Insurance Sales Agents	\$25- 44	9.8%	20	Moderate-term OJT, license
Licensed Practical and Licensed Vocational Nurses	\$16- 20	3.8%	30	Postsec. nondegree award, license
Machinists	\$16- 22	17.6%	33	Long-term OJT
Management Analysts	\$23- 43	10.8%	5	Bachelor's degree
Market Research Analysts and Marketing Specialists	\$18- 31	33.3%	14	Bachelor's degree
Mechanical Engineers	\$26- 37	6.0%	10	Bachelor's degree, license
Medical and Health Services Managers	\$31- 45	8.1%	14	Bachelor's degree
Pharmacists	\$53- 63	3.1%	9	Doctoral or prof. degree, license
Physical Therapists	\$34- 45	14.6%	8	Doctoral or prof. degree, license
Physicians and Surgeons, All Other	\$58- 100+*	5.6%	11	Doctoral or prof. degree, license
Plumbers, Pipefitters, and Steamfitters	\$18- 28	11.4%	8	Apprenticeship, license
Registered Nurses	\$24- 32	5.9%	77	Bachelor's degree, license
Sales Representatives, Wholesale and Manufacturing	\$16- 32	9.4%	28	Moderate-term OJT
Welders, Cutters, Solderers, and Brazers	\$16- 21	7.0%	12	Moderate-term OJT

### How we make this list

This list includes occupations that show a favorable mix of projected long-term job growth, projected annual job openings, and median wages. It does not necessarily reflect current hiring demand.

All occupations require education or training beyond high school and have a median hourly wage above the regional median wage. Hourly wage range represents the 25th to 75th percentiles. OJT = On-the-Job Training.

Source: Michigan DTMB, Bureau of Labor Market Information and Strategic Initiatives

\*Regional wages unavailable; Statewide wage data shown.



# TOP JOBS BY EDUCATION

Most jobs that pay a desirable wage require some type of formal education or training after high school. The purpose of this tool is to help identify these medium- to high-paying, in-demand jobs in your region as well as the relevant training for these positions. It is important to explore the various postsecondary education and training programs at community colleges, universities, and reputable training institutions in your region and across Michigan. Filling out the FAFSA (Free Application for Federal Student Aid) is a great first step in identifying sources of funding to pursue postsecondary education.

## Middle-Skill Jobs

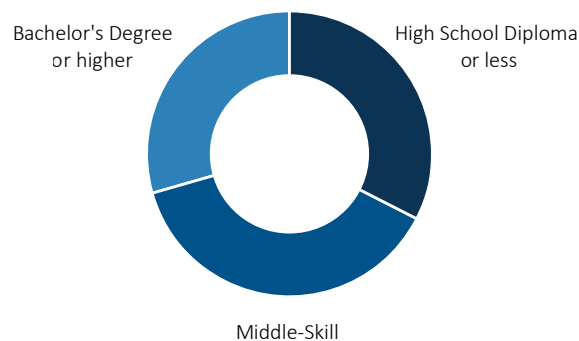
Job title
Carpenters
Electricians
Insurance Sales Agents
Machinists
Sales Representatives, Wholesale & Manufacturing

## Bachelor's Degree or Higher

Job title
Civil Engineers
General and Operations Managers
Medical and Health Services Managers
Physical Therapists
Registered Nurses

## In-Demand Jobs by Education

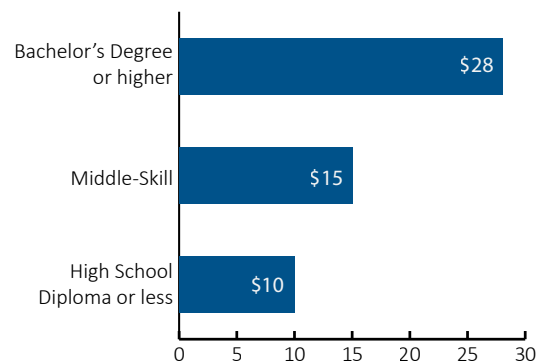
The donut chart below shows the breakdown of real-time job advertisements in the region grouped by required education level. This data is a snapshot of job advertisements posted online.



Source: Conference Board Help Wanted Online data series

## Wages by Education

The bar chart below shows the median wage of occupations broken down by the required level of education. It shows that there is a strong correlation between high levels of education and higher median wages.



Source: DTMB, LMIS, Occupational Employment Statistics 2015

Middle-skill jobs are those that require education or training beyond high school but less than a Bachelor's degree.