

Position	Median Hourly Earnings	2014-24 Projected Growth #	2014-24 Projected Growth %	2014-24 Total Annual Openings	Minimum Education or Training Requirements
<b>CONSTRUCTION &amp; ENERGY</b>					
Carpenters	\$20.71	595	18.2%	98	Apprenticeship
Civil Engineers	\$35.41	130	14.8%	39	Bachelor's degree, license
Construction Laborers	\$17.17	1,010	21.8%	194	Short-term OJT
Construction Managers	\$40.72	165	11.2%	37	Bachelor's degree, license, moderate-term OJT
Cost Estimators	\$28.47	215	16.8%	58	Bachelor's degree
Electricians	\$27.92	675	21.9%	114	Apprenticeship, license
Environmental Engineers	\$41.08	40	21.1%	9	Bachelor's degree
First-Line Supervisors of Construction Trades and Extraction Workers	\$29.23	410	19.4%	58	License, ≥ 5 years work experience
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$22.34	315	22.8%	53	Certification, long-term OJT
Plumbers, Pipefitters and Steamfitters	\$30.58	375	20.2%	62	Apprenticeship
<b>HEALTH SCIENCES</b>					
Clinical, Counseling and School Psychologists	\$34.10	100	16.7%	23	Doctoral or professional degree, license, internship
Dental Hygienists	\$29.42	110	8.3%	33	Associate degree, license
Dentists, General	\$81.11	60	11.7%	16	Doctoral or professional degree, license, residency
Diagnostic Medical Sonographers	\$29.23	145	32.6%	22	Associate degree, certification
Emergency Medical Technicians and Paramedics	\$14.33	120	19.5%	22	Certification, license
Healthcare Social Workers	\$25.82	230	22.2%	48	Master's Degree, license
Licensed Practical and Licensed Vocational Nurses	\$22.36	255	9.9%	98	License
Medical and Clinical Laboratory Technicians	\$15.31	200	20.2%	44	Associate degree, certification, license
Medical and Clinical Laboratory Technologists	\$27.50	210	20.3%	46	Bachelor's degree, certification, license
Medical and Health Services Managers	\$44.46	370	19.3%	85	Bachelor's degree, ≥ 5 years work experience
Medical Assistants	\$14.35	450	17.3%	99	Certification
Medical Equipment Preparers	\$16.77	65	23.2%	12	Moderate-term OJT, certification
Medical Records and Health Information Technicians	\$17.20	105	17.9%	23	Certification
Medical Secretaries	\$15.74	350	17.6%	56	Moderate-term OJT, certification
Mental Health Counselors	\$22.30	95	13.5%	24	Master's degree, license, internship
Nurse Practitioners	\$46.74	100	33.3%	17	Master's degree, license
Nursing Assistants	\$13.71	1,290	16.2%	309	Certification
Occupational Therapists	\$35.36	250	26.5%	43	Master's degree, license
Pharmacists	\$57.11	100	8.6%	37	Doctoral or professional degree, license
Pharmacy Technicians	\$14.16	185	12.5%	32	Certification, license, moderate-term OJT
Physical Therapist Assistants	\$23.39	305	37.2%	54	Associate degree, license
Physical Therapists	\$40.31	505	31.7%	94	Doctoral or professional degree, license
Physician Assistants	\$47.44	165	27%	31	Master's degree, license
Physicians and Surgeons, All Other	\$89.55	155	16.3%	41	Doctoral or professional degree, license, internship
Radiologic Technologists	\$25.33	130	14.2%	30	Associate degree, certification
Registered Nurses	\$32.43	3,275	23.9%	650	Bachelor's degree, license
Respiratory Therapists	\$26.75	155	24.4%	31	Associate degree, license
Social and Community Service Managers	\$32.93	105	14.3%	30	Bachelor's degree, ≥ 5 years work experience
Speech-Language Pathologists	\$35.40	95	14.6%	25	Master's degree, license
Surgical Technologists	\$20.84	135	22.0%	20	Certification
<b>INFORMATION TECHNOLOGY</b>					
Computer and Information Systems Managers	\$56.17	125	13.6%	23	Bachelor's degree, ≥ 5 years work experience
Computer Occupations, All Other	\$35.89	75	10.3%	16	Bachelor's degree
Computer Systems Analysts	\$40.77	305	22.8%	47	Bachelor's degree
Computer User Support Specialists	\$22.95	440	15.9%	80	Some college, no degree
Database Administrators	\$41.10	35	10.9%	10	Bachelor's degree, ≤ 5 years work experience
Graphic Designers	\$21.64	55	4.8%	33	Bachelor's degree
Information Security Analysts	\$42.32	20	22.2%	3	Bachelor's degree, ≤ 5 years work experience
Management Analysts	\$35.12	265	19.4%	45	Bachelor's degree, ≤ 5 years work experience
Network and Computer Systems Administrators	\$35.06	145	10.8%	31	Bachelor's degree
Software Developers, Applications	\$39.79	410	24.4%	65	Bachelor's degree
Software Developers, Systems Software	\$40.53	130	11.0%	30	Bachelor's degree
Telecommunications Equipment Installers and Repairers, Except Line Installers	\$25.26	30	4.5%	9	Certification
Web Developers	\$29.57	110	27.2%	16	Associate degree
<b>MANUFACTURING</b>					
Chemical Technicians	\$21.19	25	7.5%	12	Associate degree, moderate-term OJT
Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	\$23.54	150	33.0%	29	Long-term OJT, certification
Computer-Controlled Machine Tool Operators, Metal and Plastic	\$16.96	985	33.7%	187	Moderate-term OJT, certification
Electrical and Electronic Engineering Technicians	\$26.27	70	7.4%	30	Associate degree
Electrical and Electronic Equipment Assemblers	\$13.59	95	6.0%	30	Moderate-term OJT
Electrical Engineers	\$41.33	120	11.0%	36	Bachelor's degree
Engineers, All Other	\$42.77	90	11.6%	25	Bachelor's degree, license
First-Line Supervisors of Mechanics, Installers and Repairers	\$30.19	300	11.2%	84	Certification, license, ≤ 5 years work experience
First-Line Supervisors of Production and Operating Workers	\$28.63	510	8.3%	149	Certification, license, ≤ 5 years work experience
General and Operations Managers	\$47.40	1,000	10.8%	335	Bachelor's degree, ≥ 5 years work experience
Industrial Engineering Technicians	\$23.23	130	8.3%	52	Associate degree
Industrial Engineers	\$40.95	530	12.6%	176	Bachelor's degree, license
Industrial Machinery Mechanics	\$24.46	915	31.9%	166	Long-term OJT, apprenticeship, certification
Industrial Production Managers	\$51.95	150	6.5%	81	Bachelor's degree, ≥ 5 years work experience
Industrial Truck and Tractor Operators	\$15.07	485	11.8%	151	Short-term OJT, certification
Inspectors, Testers, Sorters, Samplers and Weighers	\$15.35	630	10.0%	222	Moderate-term OJT
Logisticians	\$38.05	35	7.8%	10	Bachelor's degree
Machinists	\$19.19	1,040	21.4%	244	Long-term OJT, apprenticeship, certification
Maintenance and Repair Workers, General	\$16.79	715	9.9%	261	Long-term OJT, apprenticeship, certification
Mechanical Engineers	\$41.61	340	13.0%	117	Bachelor's degree, license
Mixing and Blending Machine Setters, Operators and Tenders	\$17.22	85	8.5%	30	Moderate-term OJT
Production Workers, All Others	\$16.47	370	14.3%	90	Moderate-term OJT
Production, Planning, and Expediting Clerks	\$22.96	215	11.1%	75	Moderate-term OJT, certification
Purchasing Agents, Except Wholesale, Retail and Farm Products	\$30.99	195	9.4%	77	Bachelor's degree
Team Assemblers	\$15.41	2,020	10.2%	628	Moderate-term OJT
Welders, Cutters, Solderers and Brazers	\$17.50	320	12.5%	105	Moderate-term OJT, certification
<b>PROFESSIONAL &amp; ADMINISTRATIVE SERVICES</b>					
Accountants and Auditors	\$31.15	640	14.8%	180	Bachelor's degree, license
Automotive Service Technicians and Mechanics	\$17.81	260	7.2%	123	Certification, short-term OJT
Bus and Truck Mechanics and Diesel Engine Specialists	\$20.15	185	13.3%	42	Long-term OJT, certification
Customer Service Representatives	\$15.32	1,665	11.8%	513	Short-term OJT
Educational, Guidance, School and Vocational Counselors	\$24.47	85	9.7%	27	Master's degree
Financial Analysts	\$36.46	50	10.2%	15	Bachelor's degree
Financial Managers	\$50.54	230	10.6%	74	Bachelor's degree, ≥ 5 years work experience
First-Line Supervisors of Food Preparation and Serving Workers	\$14.49	475	12.3%	162	≤ 5 years work experience, certification recommended
First-Line Supervisors of Non-Retail Sales Workers	\$32.65	165	8.8%	38	≤ 5 years work experience
First-Line Supervisors of Office and Administrative Support Workers	\$25.32	495	10.3%	122	Work experience
First-Line Supervisors of Personal Service Workers	\$16.18	125	12.0%	32	≤ 5 years work experience
Heavy and Tractor-Trailer Truck Drivers	\$19.07	970	7.6%	313	Certification, short-term OJT
Human Resources Specialists	\$27.28	185	9.6%	65	Bachelor's degree
Lawyers	\$46.08	170	8.8%	45	Doctoral or professional degree, license
Market Research Analysts and Marketing Specialists	\$28.81	440	22.8%	67	Bachelor's degree
Parts Salespersons	\$15.23	260	9.4%	87	Moderate-term OJT
Postsecondary Teachers	\$76,230*	150	10.3%	41	Doctoral or professional degree, license
Sales Managers	\$58.37	140	7.8%	56	Bachelor's degree, ≤ 5 years work experience
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	\$28.21	1,055	9.0%	347	Moderate-term OJT
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$37.45	100	9.3%	32	Bachelor's degree, moderate-term OJT
Training and Development Specialists	\$27.42	115	13.5%	32	Bachelor's degree, ≤ 5 years work experience

\*Annual wage

These occupations meet the criteria for Michigan Works! training scholarships.

The agriculture industry, including farming and food production, accounts for nearly 10,000 jobs and \$300 million in labor income in the region. Many of the high-demand occupations within agriculture overlap other industries.