HIGH-DEMAND ONLY

HIGH SCHOOL DIPLOMA OR EQUIVALENT AND SHORT-TERM TRAINING ANNUAL GROWTH WAGE OCCUPATION (JOB TITLE) **OPENINGS** RANGE 2,200 42.8 \$11-\$13 **Amusement & Recreation Attendants Animal Caretakers** 1,605 39.2 \$11-\$14 Bartenders 3,295 37.7 \$11-\$18 Construction Laborers 3,555 9.2 \$17-\$23 Dining Room & Cafeteria Attendants 2,610 28.2 \$11-\$14 Dishwashers 2,045 24.2 \$11-\$14 Driver/Sales Workers 1,410 20.9 \$11-\$18 **Exercise Trainers & Group Fitness Instructors** 1,330 38.0 \$14-\$24 26,480 Fast Food & Counter Workers 18.1 \$11-\$13 Home Health & Personal Care Aides 11.555 25.2 \$11-\$14 Hosts & Hostesses, Rest., Lounge, & Coffee Shop 2,640 30.2 \$11-\$13 2,735 **Industrial Truck & Tractor Operators** 13.9 \$18-\$23 Laborers & Freight, Stock & Material Movers 12,540 13.4 \$14-\$18 **Light Truck Drivers** 3,465 11.9 \$14-\$23 Maids & Housekeeping Cleaners 3,640 14.2 \$12-\$15 Passenger Vehicle Drivers, Except Bus Drivers 2,870 18.2 \$14-\$19 **Recreation Workers** 2,450 15.6 \$12-\$17 Security Guards 3,755 13.8 \$13-\$18 Stockers & Order Fillers 12,150 13.4 \$12-\$18 Waiters & Waitresses 13,880 24.8 \$11-\$19

HIGH-DEMAND AND HIGH-WAGE

OCCUPATION (JOB TITLE) ANNUAL GROWTH OPENINGS WAGE RANGE Architectural & Engineering Managers 860 8.2 \$58-\$78 Biological Science Teachers, Postsecondary 160 16.4 \$30-\$50* Chemists 375 12.0 \$31-\$61 Civil Engineers 530 12.3 \$30-\$47 Computer & Information Systems Managers 925 7.6 \$49-\$78 Computer Systems Analysts 1,100 2.5 \$38-\$60 Computer User Support Specialists 1,710 5.6 \$18-\$29 Data Scientists & Mathematical Science Occupations 215 29.4 \$30-\$49 Electrical Engineers 645 8.2 \$37-\$58 Electronics Engineers, Except Computer 305 8.5 \$38-\$61 Engineering Teachers, Postsecondary 200 14.4 \$40-\$65* Industrial Engineering Technologists & Technicians 360 10.0 \$23-\$30 Industrial Engineering Technologists & Technicians 420 8.5 \$23-\$37 Mechanical Engineering Technologists & Technicians 420 8.	SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)				
Biological Science Teachers, Postsecondary 160 16.4 \$30-\$50* Chemists 375 12.0 \$31-\$61 Civil Engineers 530 12.3 \$30-\$47 Computer & Information Systems Managers 925 7.6 \$49-\$78 Computer Systems Analysts 1,100 2.5 \$38-\$60 Computer User Support Specialists 1,710 5.6 \$18-\$29 Data Scientists & Mathematical Science Occupations 215 29.4 \$30-\$49 Electrical Engineers 645 8.2 \$37-\$58 Electronics Engineers, Except Computer 305 8.5 \$38-\$61 Engineering Teachers, Postsecondary 200 14.4 \$40-\$65* Industrial Engineering Technologists & Technicians 360 10.0 \$23-\$30 Industrial Engineers 2,280 20.4 \$36-\$48 Information Security Analysts 235 28.2 \$30-\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23-\$37 Mechanical Engineers 2,920 10.1 \$37-\$49	OCCUPATION (JOB TITLE)				
Chemists 375 12.0 \$31-\$61 Civil Engineers 530 12.3 \$30-\$47 Computer & Information Systems Managers 925 7.6 \$49-\$78 Computer Systems Analysts 1,100 2.5 \$38-\$60 Computer User Support Specialists 1,710 5.6 \$18-\$29 Data Scientists & Mathematical Science Occupations 215 29.4 \$30-\$49 Electrical Engineers 645 8.2 \$37-\$58 Electronics Engineers, Except Computer 305 8.5 \$38-\$61 Engineering Teachers, Postsecondary 200 14.4 \$40-\$65* Industrial Engineering Technologists & Technicians 360 10.0 \$23-\$30 Industrial Engineers 2,280 20.4 \$36-\$48 Information Security Analysts 235 28.2 \$30-\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23-\$37 Mechanical Engineers 2,920 10.1 \$37-\$49 Medical Scientists, Except Epidemiologists 240 20.2 \$29-\$50	Architectural & Engineering Managers	860	8.2	\$58–\$78	
Civil Engineers 530 12.3 \$30–\$47 Computer & Information Systems Managers 925 7.6 \$49–\$78 Computer Systems Analysts 1,100 2.5 \$38–\$60 Computer User Support Specialists 1,710 5.6 \$18–\$29 Data Scientists & Mathematical Science Occupations 215 29.4 \$30–\$49 Electrical Engineers 645 8.2 \$37–\$58 Electronics Engineers, Except Computer 305 8.5 \$38–\$61 Engineering Teachers, Postsecondary 200 14.4 \$40–\$65* Industrial Engineering Technologists & Technicians 360 10.0 \$23–\$30 Industrial Engineers 2,280 20.4 \$36–\$48 Information Security Analysts 235 28.2 \$30–\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23–\$37 Mechanical Engineers 2,920 10.1 \$37–\$49 Medical Scientists, Except Epidemiologists 240 20.2 \$29–\$50 Operations Research Analysts 190 25.8	Biological Science Teachers, Postsecondary	160	16.4	\$30–\$50*	
Computer & Information Systems Managers 925 7.6 \$49–\$78 Computer Systems Analysts 1,100 2.5 \$38–\$60 Computer User Support Specialists 1,710 5.6 \$18–\$29 Data Scientists & Mathematical Science Occupations 215 29.4 \$30–\$49 Electrical Engineers 645 8.2 \$37–\$58 Electronics Engineers, Except Computer 305 8.5 \$38–\$61 Engineering Teachers, Postsecondary 200 14.4 \$40–\$65* Industrial Engineering Technologists & Technicians 360 10.0 \$23–\$30 Industrial Engineers 2,280 20.4 \$36–\$48 Information Security Analysts 235 28.2 \$30–\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23–\$37 Mechanical Engineers 2,920 10.1 \$37–\$49 Medical Scientists, Except Epidemiologists 240 20.2 \$29–\$50 Operations Research Analysts 190 25.8 \$30–\$47 Sales Reps., Goods, Technical or Scientific 635	Chemists	375	12.0	\$31–\$61	
Computer Systems Analysts 1,100 2.5 \$38-\$60 Computer User Support Specialists 1,710 5.6 \$18-\$29 Data Scientists & Mathematical Science Occupations 215 29.4 \$30-\$49 Electrical Engineers 645 8.2 \$37-\$58 Electronics Engineers, Except Computer 305 8.5 \$38-\$61 Engineering Teachers, Postsecondary 200 14.4 \$40-\$65* Industrial Engineering Technologists & Technicians 360 10.0 \$23-\$30 Industrial Engineers 2,280 20.4 \$36-\$48 Information Security Analysts 235 28.2 \$30-\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23-\$37 Mechanical Engineers 2,920 10.1 \$37-\$49 Medical Scientists, Except Epidemiologists 240 20.2 \$29-\$50 Operations Research Analysts 190 25.8 \$30-\$47 Sales Reps., Goods, Technical or Scientific 635 8.1 \$32-\$63	Civil Engineers	530	12.3	\$30–\$47	
Computer User Support Specialists 1,710 5.6 \$18-\$29 Data Scientists & Mathematical Science Occupations 215 29.4 \$30-\$49 Electrical Engineers 645 8.2 \$37-\$58 Electronics Engineers, Except Computer 305 8.5 \$38-\$61 Engineering Teachers, Postsecondary 200 14.4 \$40-\$65* Industrial Engineering Technologists & Technicians 360 10.0 \$23-\$30 Industrial Engineers 2,280 20.4 \$36-\$48 Information Security Analysts 235 28.2 \$30-\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23-\$37 Mechanical Engineers 2,920 10.1 \$37-\$49 Medical Scientists, Except Epidemiologists 240 20.2 \$29-\$50 Operations Research Analysts 190 25.8 \$30-\$47 Sales Reps., Goods, Technical or Scientific 635 8.1 \$32-\$63	Computer & Information Systems Managers	925	7.6	\$49–\$78	
Data Scientists & Mathematical Science Occupations 215 29.4 \$30-\$49 Electrical Engineers 645 8.2 \$37-\$58 Electronics Engineers, Except Computer 305 8.5 \$38-\$61 Engineering Teachers, Postsecondary 200 14.4 \$40-\$65* Industrial Engineering Technologists & Technicians 360 10.0 \$23-\$30 Industrial Engineers 2,280 20.4 \$36-\$48 Information Security Analysts 235 28.2 \$30-\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23-\$37 Mechanical Engineers 2,920 10.1 \$37-\$49 Medical Scientists, Except Epidemiologists 240 20.2 \$29-\$50 Operations Research Analysts 190 25.8 \$30-\$47 Sales Reps., Goods, Technical or Scientific 635 8.1 \$32-\$63	Computer Systems Analysts	1,100	2.5	\$38–\$60	
Electrical Engineers 645 8.2 \$37-\$58 Electronics Engineers, Except Computer 305 8.5 \$38-\$61 Engineering Teachers, Postsecondary 200 14.4 \$40-\$65* Industrial Engineering Technologists & Technicians 360 10.0 \$23-\$30 Industrial Engineers 2,280 20.4 \$36-\$48 Information Security Analysts 235 28.2 \$30-\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23-\$37 Mechanical Engineers 2,920 10.1 \$37-\$49 Medical Scientists, Except Epidemiologists 240 20.2 \$29-\$50 Operations Research Analysts 190 25.8 \$30-\$47 Sales Reps., Goods, Technical or Scientific 635 8.1 \$32-\$63	Computer User Support Specialists	1,710	5.6	\$18–\$29	
Electronics Engineers, Except Computer 305 8.5 \$38–\$61 Engineering Teachers, Postsecondary 200 14.4 \$40–\$65* Industrial Engineering Technologists & Technicians 360 10.0 \$23–\$30 Industrial Engineers 2,280 20.4 \$36–\$48 Information Security Analysts 235 28.2 \$30–\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23–\$37 Mechanical Engineers 2,920 10.1 \$37–\$49 Medical Scientists, Except Epidemiologists 240 20.2 \$29–\$50 Operations Research Analysts 190 25.8 \$30–\$47 Sales Reps., Goods, Technical or Scientific 635 8.1 \$32–\$63	Data Scientists & Mathematical Science Occupations	215	29.4	\$30–\$49	
Engineering Teachers, Postsecondary 200 14.4 \$40-\$65* Industrial Engineering Technologists & Technicians 360 10.0 \$23-\$30 Industrial Engineers 2,280 20.4 \$36-\$48 Information Security Analysts 235 28.2 \$30-\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23-\$37 Mechanical Engineers 2,920 10.1 \$37-\$49 Medical Scientists, Except Epidemiologists 240 20.2 \$29-\$50 Operations Research Analysts 190 25.8 \$30-\$47 Sales Reps., Goods, Technical or Scientific 635 8.1 \$32-\$63	Electrical Engineers	645	8.2	\$37–\$58	
Industrial Engineering Technologists & Technicians 360 10.0 \$23-\$30 Industrial Engineers 2,280 20.4 \$36-\$48 Information Security Analysts 235 28.2 \$30-\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23-\$37 Mechanical Engineers 2,920 10.1 \$37-\$49 Medical Scientists, Except Epidemiologists 240 20.2 \$29-\$50 Operations Research Analysts 190 25.8 \$30-\$47 Sales Reps., Goods, Technical or Scientific 635 8.1 \$32-\$63	Electronics Engineers, Except Computer	305	8.5	\$38–\$61	
Industrial Engineers 2,280 20.4 \$36-\$48 Information Security Analysts 235 28.2 \$30-\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23-\$37 Mechanical Engineers 2,920 10.1 \$37-\$49 Medical Scientists, Except Epidemiologists 240 20.2 \$29-\$50 Operations Research Analysts 190 25.8 \$30-\$47 Sales Reps., Goods, Technical or Scientific 635 8.1 \$32-\$63	Engineering Teachers, Postsecondary	200	14.4	\$40–\$65*	
Information Security Analysts 235 28.2 \$30–\$51 Mechanical Engineering Technologists & Technicians 420 8.5 \$23–\$37 Mechanical Engineers 2,920 10.1 \$37–\$49 Medical Scientists, Except Epidemiologists 240 20.2 \$29–\$50 Operations Research Analysts 190 25.8 \$30–\$47 Sales Reps., Goods, Technical or Scientific 635 8.1 \$32–\$63	Industrial Engineering Technologists & Technicians	360	10.0	\$23–\$30	
Mechanical Engineering Technologists & Technicians4208.5\$23-\$37Mechanical Engineers2,92010.1\$37-\$49Medical Scientists, Except Epidemiologists24020.2\$29-\$50Operations Research Analysts19025.8\$30-\$47Sales Reps., Goods, Technical or Scientific6358.1\$32-\$63	Industrial Engineers	2,280	20.4	\$36–\$48	
Mechanical Engineers2,92010.1\$37-\$49Medical Scientists, Except Epidemiologists24020.2\$29-\$50Operations Research Analysts19025.8\$30-\$47Sales Reps., Goods, Technical or Scientific6358.1\$32-\$63	Information Security Analysts	235	28.2	\$30–\$51	
Medical Scientists, Except Epidemiologists24020.2\$29-\$50Operations Research Analysts19025.8\$30-\$47Sales Reps., Goods, Technical or Scientific6358.1\$32-\$63	Mechanical Engineering Technologists & Technicians	420	8.5	\$23–\$37	
Operations Research Analysts 190 25.8 \$30–\$47 Sales Reps., Goods, Technical or Scientific 635 8.1 \$32–\$63	Mechanical Engineers	2,920	10.1	\$37–\$49	
Sales Reps., Goods, Technical or Scientific 635 8.1 \$32–\$63	Medical Scientists, Except Epidemiologists	240	20.2	\$29–\$50	
1,75 7	Operations Research Analysts	190	25.8	\$30–\$47	
Software Developers & Quality Assurance Analysts 3,965 22.8 \$37–\$58	Sales Reps., Goods, Technical or Scientific	635	8.1	\$32–\$63	
	Software Developers & Quality Assurance Analysts	3,965	22.8	\$37–\$58	

^{*} These occupational wages are typically published as annual wages. To calculate hourly wages for these occupations, annual wages were divided by 2,080 hours.

























MICHIGAN'S

CAREER OUTLOOK

THROUGH 2030

























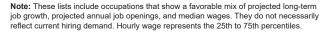
STATE OF MICHIGAN

Department of Technology, Management & Budget

Bureau of Labor Market Information and Strategic Initiatives

www.Michigan.gov/LMI





HIGH-DEMAND AND HIGH-WAGE

HIGH-DEMAND AND HIGH-WAGE

POSTSECONDARY CERTIFICATE OR MODERATE-TERM TRAINING				
OCCUPATION (JOB TITLE)	ANNUAL OPENINGS	GROWTH (%)	WAGE RANGE	
Aircraft Mechanics & Service Technicians	305	13.3	\$23–\$38	
Audio & Video Technicians	285	18.8	\$19–\$29	
CNC Tool Programmers	335	33.0	\$23–\$30	
Computer User Support Specialists	1,710	5.6	\$18–\$29	
Construction & Building Inspectors	535	3.9	\$22–\$30	
Eligibility Interviewers, Government Programs	455	6.5	\$24–\$28	
First-Line Supervisors of Police & Detectives	190	7.4	\$37–\$48	
Flight Attendants	520	21.5	\$29–\$37	
Heavy & Tractor-Trailer Truck Drivers	7,635	12.7	\$19–\$29	
Highway Maintenance Workers	380	7.8	\$20–\$24	
Insurance Sales Agents	1,290	8.2	\$18–\$38	
Licensed Practical & Licensed Vocational Nurses	1,115	6.8	\$23–\$29	
Massage Therapists	485	29.6	\$23–\$37	
Med. Dosimetrists & Health Technicians, All Other	690	8.5	\$18–\$28	
Operating Engineers	1,020	7.5	\$23–\$31	
Police & Sheriff's Patrol Officers	1,575	7.9	\$25–\$37	
Production, Planning, & Expediting Clerks	1,035	8.4	\$18–\$29	
Sales Reps., Services	3,010	9.9	\$19–\$38	
Sales Reps., Goods, Nontechnical	5,230	9.5	\$22–\$46	
Surgical Technologists	330	7.3	\$18–\$28	

ASSOCIATE DEGREE/LONG-TERM TRA	AINING/APP	RENTICE	SHIPS
OCCUPATION (JOB TITLE)	ANNUAL OPENINGS	GROWTH (%)	WAGE RANGE
Bus & Truck Mech. & Diesel Engine Specialists	855	12.7	\$19–\$29
Carpenters	2,175	1.9	\$18–\$29
Dental Hygienists	505	10.6	\$29–\$37
Diagnostic Medical Sonographers	245	18.1	\$29–\$37
Electricians	2,655	13.1	\$23–\$38
Firefighters	635	8.2	\$18–\$29
HVAC & Refrigeration Mechanics & Installers	970	9.2	\$19–\$30
Ind. Engineering Technologists & Technicians	360	10.0	\$23–\$30
Industrial Machinery Mechanics	2,650	28.2	\$23–\$30
Machinists	2,740	11.1	\$18–\$28
Mech. Engineering Technologists & Technicians	420	8.5	\$23–\$37
Millwrights	310	18.1	\$30–\$37
Mobile Heavy Equip. Mechanics, Except Engines	395	14.5	\$23–\$31
Occupational Therapy Assistants	220	37.5	\$23–\$29
Paralegals & Legal Assistants	965	17.5	\$22–\$30
Physical Therapist Assistants	535	30.6	\$23–\$30
Plumbers, Pipefitters, & Steamfitters	1,420	8.0	\$22–\$38
Radiologic Technologists & Technicians	555	6.9	\$23–\$30
Respiratory Therapists	345	22.8	\$28–\$30
Tool & Die Makers	1,045	2.6	\$23–\$37

Child, Family, & School Social Workers 1,420 12.0 \$19-\$30 Financial Managers 17.6 \$47-\$78 1,485 General & Operations Managers 6.545 11.9 \$29-\$72 **Human Resources Specialists** 1,925 10.7 \$23-\$37 Industrial Engineers 2,280 20.4 \$36-\$48 **Industrial Production Managers** 930 10.1 \$39-\$63 Lawyers 1.080 11.6 \$37-\$75 Logisticians 1,150 29.7 \$29-\$48 Management Analysts 1,960 11.0 \$30-\$50 Market Research Analysts & Marketing Specialists 2.465 23.9 \$23-\$39 Mechanical Engineers 2,920 10.1 \$37-\$49 Medical & Health Services Managers 1,505 31.5 \$37-\$61 **Nurse Practitioners** 595 50.7 \$48-\$60 **Physical Therapists** 485 18.5 \$36-\$48 Physician Assistants 435 31.9 \$48-\$62 Project Management & Business Oper. Specialists 3,770 8.1 \$29-\$48 Registered Nurses 7.9 \$30-\$38 6,345 Software Developers & Quality Assurance Analysts 3,965 22.8 \$37-\$58 Substance, Behavioral, & Mental Health Counselors 1.025 21.3 \$19-\$29

BACHELOR'S DEGREE OR HIGHER

OCCUPATION (JOB TITLE)

Accountants & Auditors









ANNUAL GROWTH

OPENINGS

3.735

WAGE

RANGE

9.4 \$29-\$44

^{*} These occupational wages are typically published as annual wages. To calculate hourly wages for these occupations, annual wages were divided by 2,080 hours.