2018 Demand Occupation List

Architecture & Engineering
◊ Civil Engineers
◊ Electrical Engineers
◊ Industrial Engineers
◊ Mechanical Engineers
◊ Industrial Engineering Technicians
◊ Mechanical Engineering Technicians

Arts/Design/Entertainment/Sport/Media
◊ Commercial & Industrial Designers
◊ Graphic Designers

Business & Financial Operations
◊ Purchasing Agents, except wholesale, retail & farm products
◊ Claims Adjusters, Examiners, and Investigators
◊ Cost Estimators
◊ Human Resource Specialist
◊ Management Analysts
◊ Training and Development Specialist
◊ Market Research Analysts and Marketing Specialist
◊ Accountants and Auditors
◊ Financial Analysts
◊ Personal Financial Advisors

Community & Social Service
◊ Child, Family, and School Social Workers
◊ Healthcare Social Workers
◊ Mental Health/Substance Abuse Social Workers
◊ Social and Health Service Assistant

Computers & Mathematical
◊ Computer Systems Analysts
◊ Information Security Analysts
◊ Software Developers, Applications
◊ Software Developers, Systems Software
◊ Web Developers
◊ Database Administrators
◊ Network & Computer Systems Administrators
◊ Computer User Support Specialists
◊ Computer Network Support Specialist
◊ Operations Research Analysts

Construction & Extraction
◊ First-Line Supervisors of Construction Trades and Extraction Workers

Construction & Extraction Continued
◊ Carpenters
◊ Construction Laborers
◊ Operating Engineers and Other Construction Equipment Operators
◊ Electricians
◊ Plumbers, Pipefitters & Steamfitters
◊ Sheet Metal Workers

Education/Training/Library
◊ Preschool Teachers, Except Special Education
◊ Self-Enrichment Education Teachers

Healthcare Support
◊ Nursing Assistants*
◊ Physical Therapy Assistant
◊ Dental Assistants
◊ Medical Assistants

Healthcare Practitioners
◊ Pharmacists
◊ Physicians Assistants
◊ Occupational Therapists
◊ Physical Therapists
◊ Respiratory Therapists
◊ Speech Language Pathologists
◊ Registered Nurses
◊ Nurse Practitioners
◊ Medical and Clinical Laboratory Technologists
◊ Medical and Clinical Laboratory Technicians
◊ Emergency Medical Technicians & Paramedics
◊ Pharmacy Technician
◊ Veterinary Technologists & Technicians
◊ Licensed Practical and Licensed Vocational Nurses
◊ Medical Records & Health Information Technicians
◊ Opticians, Dispensing

Installation, Maintenance & Repair
◊ First Line Supervisors of Mechanics, Installer & Repairers
◊ Automotive Body and Related Repairers
◊ Automotive Service Technicians/Mechanics
◊ Bus & Truck Mechanics and Diesel Engine Specialists
◊ Heating, Air Conditioning, & Refrigeration Mechanics & Installers
◊ Industrial Machinery Mechanics
◊ Millwrights
◊ Maintenance & Repair Workers, General
Legal Occupations
◊ Lawyers
◊ Paralegal

Management
◊ General and Operations Managers
◊ Marketing Managers
◊ Sales Managers
◊ Computer & Information Systems Managers
◊ Financial Managers
◊ Industrial Production Managers
◊ Human Resource Managers
◊ Architectural and Engineering Managers
◊ Medical and Health Service Managers
◊ Property, Real Estate, & Community Association Managers

Office & Administrative Support
◊ First-Line Supervisors of Office/Admin Support Workers
◊ Billing and Posting Clerks
◊ Customer Service Representatives
◊ Cargo and Freight Agents
◊ Production, Planning, and Expediting Clerks
◊ Shipping, Receiving, and Traffic Clerks
◊ Medical Secretaries
◊ Secretaries & Administrative Assistants, except Legal, Medical & Executive
◊ Office Clerks, General

Personal Care & Service
◊ First-Line Supervisors of Personal Service Workers

Protective Service
◊ Police and Sheriff's Patrol Officers

Production Occupations
◊ First-Line Supervisors of Production & Operating Workers
◊ Engine and Other Machine Assemblers
◊ Structural Metal Fabricators and Fitters
◊ Team Assemblers
◊ Computer-Controlled Machine Tool Operators Metal & Plastic
◊ Machinists
◊ Welders, Cutters, Solderers, and Brazers
◊ Inspectors, Testers, Sorters, Samplers and Weighers
◊ Packaging and Filling Machine Operators and Orders
◊ Coating, Painting, & Spraying Machine Setters, Operators

Sales and Related
◊ First-Line Supervisors of Retail Sales Workers
◊ Advertising Sales Agent
◊ Insurance Sales Agent
◊ Security/Commodity/Financial Services Sales Agents
◊ Sales Reps, Wholesale/Manuf. Technological/Scientific Products
◊ Sales Reps, Wholesale/Manuf., Except Technological/Scientific Products

Transportation & Material Moving
◊ Bus Driver, School or Special Client
◊ Heavy & Tractor Trailer Truck Drivers
◊ Light Truck or Delivery Services Driver
◊ Industrial Truck and Tractor Operators
◊ Laborers and Freight, Stock & Material Movers, Hand
◊ Refuse and Recyclable Material Collectors

Growth & Wage Criteria:
◊ Have at least 10% growth over the next 10 years and 50 or more openings, or have positive change and at least 100 openings in the economic forecast region of Detroit Metro Prosperity Region.

◊ Have at least a median hourly wage of $14.11/ hour [the Macomb/St. Clair median annual earnings of an adult participant in PY 16; $29,344 -/- 2080 hours per year]

Growth and wage information comes from DTMB Regional 2014 to 2024 Long-term Employment Projections, and 2016 Michigan Occupational Employment & Wages (OES), Available online at http://www.milmi.org

For further information about the above listed occupations, please see O*NET at www.onetonline.org and/or Michigan Training Connect at www.mitalent.org/mitc

To be listed as a demand occupation, the occupation must meet the growth criteria in the economic forecast region of Detroit Metro Prosperity Region. The occupation must also meet the wage criteria.

*The occupation was added to the list based on other local criteria.