MICHIGAN WORKS! MACOMB/ST. CLAIR

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 Investigations
- ◊ 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.*

G03 - 4/18 - JG

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