

Macomb/St. Clair Demand Occupation List

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Job Title	Education Level	Growth Percentage	Wage Range 25th Percentile	Wage Range 75th Percentile

Education Abbreviations							
High School Diploma/GED	HS	No Formal Credential	NC	Associates Degree	A	Master's Degree	M
Some College/No Degree	ND	Certification	Cert	Bachelor's Degree	B	Doctoral Degree	PHD

Management Occupations				
General and Operations Managers	B	11.1%	\$35.75	\$83.76
Marketing Managers	B	13.4%	\$49.09	\$80.28
Sales Managers	B	10.5%	\$50.49	\$81.38
Administrative Services Managers	B	12.0%	\$34.54	\$55.83
Computer and Information Systems Managers	B	14.9%	\$51.16	\$77.35
Financial Managers	B	23.0%	\$46.57	\$77.61
Industrial Production Managers	B	8.6%	\$44.62	\$69.87
Purchasing Managers	B	12.1%	\$46.89	\$74.86
Transportation, Storage, and Dist. Managers	HS	11.7%	\$40.67	\$60.68
Human Resources Managers	B	12.0%	\$41.81	\$70.45
Construction Managers	B	11.2%	\$36.37	\$60.59
Education Administrators, Elementary and Secondary School**	M	6.5%	\$83,230	\$118,150
Education Administrators, Postsecondary	M	7.9%	\$36.44	\$63.32
Architectural and Engineering Managers	B	13.7%	\$54.58	\$76.54
Food Service Managers	HS	10.4%	\$22.93	\$37.43
Medical and Health Services Managers	B	16.0%	\$35.00	\$63.09
Property and Real Estate Managers	HS	11.9%	\$19.95	\$41.47
Social and Community Service Managers	B	15.8%	\$27.89	\$41.91
Business and Financial Operations Occupations				
Compliance Officers	B	8.0%	\$27.04	\$45.03
Cost Estimators	B	10.2%	\$22.36	\$42.54
Human Resources Specialists	B	10.4%	\$22.19	\$38.33
Logisticians	B	11.4%	\$32.51	\$50.50
Management Analysts	B	16.9%	\$31.21	\$55.15
Meeting, Convention, and Event Planners	B	9.1%	\$16.35	\$28.79
Compensation and Benefits Specialists	B	11.9%	\$24.97	\$37.83

Training and Development Specialists	B	14.7%	\$21.96	\$39.06
Market Research Analysts	B	25.4%	\$23.95	\$45.79
Project Management Specialists	*	*	\$27.39	\$51.3
Accountants and Auditors	B	12.7%	\$26.56	\$43.84
Appraisers and Assessors of Real Estate	B	17.2%	\$21.59	\$35.95
Budget Analysts	B	10.6%	\$31.16	\$45.99
Credit Analysts	B	16.8%	\$24.01	\$39.62
Financial and Investment Analysts	B	14.1%	\$32.12	\$48.59
Personal Financial Advisors	B	15.5%	\$26.28	\$56.23
Credit Counselors	B	33.0%	\$20.59	\$25.25
Loan Officers	B	22.3%	\$23.94	\$45.73
Computer and Mathematical Occupations				
Computer Occupations, All Other	B	-2.0%	\$28.65	\$51.16
Computer Systems Analysts	B	11.7%	\$31.65	\$49.20
Information Security Analysts	B	39.4%	\$34.72	\$56.48
Computer and Information Research Scientists**	M	5.0%	\$70,500	\$111,310
Computer Network Support Specialists	A	13.3%	\$22.75	\$37.68
Computer User Support Specialists	ND	14.4%	\$17.09	\$29.66
Computer Network Architects	B	7.9%	\$42.55	\$65.27
Network and Computer Systems Administrators	B	7.8%	\$31.58	\$48.78
Database Administrators and Architects	B	13.6%	\$33.18	\$54.19
Computer Programmers	*	*	\$24.97	\$46.56
Software Developers	B	15.9%	\$33.82	\$53.03
Web Developers and Digital Interface Designers	A	12.7%	\$26.55	\$43.59
Operations Research Analysts	B	32.1%	\$33.02	\$53.46
Statisticians	M	24.1%	\$28.9	\$51.29
Architecture and Engineering Occupations				
Architects, Except Landscape and Naval	B	10.0%	\$25.52	\$43.31

Surveyors	B	19.8%	\$21.29	\$33.94
Civil Engineers	B	18.7%	\$30.27	\$45.67
Computer Hardware Engineers	B	-3.6%	\$31.24	\$54.76
Electrical Engineers	B	17.8%	\$36.12	\$54.40
Electronics Engineers, Except Computer	B	10.6%	\$38.48	\$55.29
Environmental Engineers	B	15.2%	\$36.41	\$57.53
Industrial Engineers	B	25.7%	\$36.48	\$53.75
Materials Engineers	B	11.3%	\$32.24	\$48.36
Mechanical Engineers	B	20.1%	\$36.04	\$55.31
Engineers, All Other	B	1.0%	\$34.07	\$56.48
Architectural and Civil Drafters	A	16.2%	\$20.12	\$28.78
Mechanical Drafters	A	14.3%	\$21.84	\$36.72
Civil Engineering Technologists and Technicians	A	18.9%	\$20.96	\$29.23
Electrical and Electronics Engineering Technicians	A	12.5%	\$22.61	\$35.51
Electro-Mechanical Technicians	A	-5.0%	\$20.83	\$32.46
Industrial Engineering Technicians	A	12.1%	\$21.28	\$34.02
Mechanical Engineering Technicians	A	15.2%	\$19.69	\$34.09
Surveying and Mapping Technicians	HS	-2.6%	\$13.25	\$20.4
Calibration and Engineering Technicians	*	*	\$24.03	\$44.48
Life, Physical, and Social Science Occupations				
Chemists	B	14.5%	\$27.27	\$45.50
Environmental Scientists and Specialists	B	15.2%	\$23.50	\$42.50
Clinical, Counseling, and School Psychologists	PHD	11.4%	\$28.82	\$49.17
Social Scientists and Related Workers, All Other	B	-4.3%	\$36.05	\$54.59
Community and Social Service Occupations				
Substance Abuse and Behavioral Disorder Counselors	B	17.1%	\$17.27	\$27.46
Educational, Guidance and Vocational Counselors	M	10.5%	\$19.73	\$35.82
Mental Health Counselors	M	18.2%	\$17.27	\$27.46
Rehabilitation Counselors	M	4.8%	\$14.16	\$27.73
Child, Family, and School Social Workers	B	14.4%	\$19.95	\$28.34
Healthcare Social Workers	M	16.8%	\$22.44	\$32.75
Mental Health and Substance Abuse Social Workers	M	15.5%	\$18.80	\$29.58
Probation Officers and Correctional Treatment Spcs.	B	11.7%	\$26.92	\$32.69
Social and Human Service Assistants*	HS	12.1%	\$11.79	\$18.12
Community Health Workers	HS	15.5%	\$18.06	\$27.91
Legal Occupations				
Lawyers	PHD	9.3%	\$31.49	\$70.02
Paralegals and Legal Assistants	A	17.2%	\$17.88	\$29.74

Education, Training, and Library Occupations				
Business Teachers, Postsecondary**	PHD	11.5%	\$60,500	\$133,770
Engineering Teachers, Postsecondary**	PHD	13.2%	\$68,170	\$136,720
Health Specialties Teachers, Postsecondary**	PHD	15.4%	\$68,780	\$149,660
Preschool Teachers, Except Special Education	A	7.1%	\$11.23	\$22.82
Elementary School Teachers, Except Special Education**	B	5.8%	\$50,110	\$90,350
Middle School Teachers, Except Special and Career/Technical Education**	B	5.9%	\$46,140	\$82,280
Secondary School Teachers, Except Special and Career/Technical Education**	B	6.1%	\$48,640	\$82,640
Self-Enrichment Education Teachers	HS	14.3%	\$10.97	\$21.97
Librarians and Media Collections Specialists	M	8.6%	\$19.63	\$28.62
Instructional Coordinators	M	5.9%	\$20.63	\$38.94
Arts, Design, Entertainment, Sports, and Media Occupations				
Commercial and Industrial Designers	B	12.2%	\$32.00	\$47.04
Graphic Designers	B	7.8%	\$17.21	\$28.89
Producers and Directors	B	15.4%	\$21.75	\$41.67
Public Relations Specialists	B	8.7%	\$20.34	\$35.89
Healthcare Practitioners and Technical Occupations				
Dietitians and Nutritionists	B	10.5%	\$21.24	\$29.71
Pharmacists	PHD	6.3%	\$53.45	\$67.23
Physician Assistants	M	28.3%	\$45.96	\$59.44
Occupational Therapists	M	17.7%	\$32.07	\$46.24
Physical Therapists	PHD	20.5%	\$37.25	\$49.81
Respiratory Therapists	A	23.5%	\$24.26	\$30.38
Speech-Language Pathologists	M	13.7%	\$31.99	\$46.31
Registered Nurses	B	12.6%	\$30.65	\$39.67
Nurse Practitioners	M	27.7%	\$44.49	\$58.43
Medical and Clinical Laboratory Technologists	B	7.7%	\$17.44	\$31.86
Medical and Clinical Laboratory Technicians	A	6.8%	\$17.44	\$31.86
Dental Hygienists	A	6.9%	\$27.18	\$35.35
Diagnostic Medical Sonographers	A	17.0%	\$27.14	\$35.51
Radiologic Technologists	A	7.6%	\$23.11	\$32.52
Emergency Medical Technicians and Paramedics	Cert	9.0%	\$16.36	\$23.74
Pharmacy Technicians	HS	13.1%	\$12.76	\$19.26
Surgical Technologists	Cert	7.2%	\$16.99	\$24.33
Veterinary Technologists and Technicians	A	21.8%	\$15.59	\$19.41
Licensed Practical and Licensed Vocational Nurses	Cert	7.2%	\$22.24	\$28.60

Medical Records and Health Information Techs	Cert	10.4%	\$14.43	\$24.41
Opticians, Dispensing	HS	8.5%	\$13.99	\$21.07
Healthcare Support Occupations				
Nursing Assistants*	Cert	9.3%	\$12.89	\$16.43
Occupational Therapy Assistants	A	18.4%	\$22.54	\$29.00
Physical Therapist Assistants	A	22.7%	\$20.39	\$29.85
Dental Assistants	Cert	6.8%	\$14.54	\$19.24
Medical Assistants	Cert	17.9%	\$13.61	\$18.10
Medical Equipment Preparers	HS	6.6%	\$15.51	\$19.55
Phlebotomists	Cert	6.4%	\$14.58	\$18.59
Protective Service Occupations				
Firefighters	Cert	8.0%	\$19.61	\$29.21
Detectives and Criminal Investigators	HS	-5.6%	\$34.91	\$62.20
Police and Sheriff's Patrol Officers	HS	8.4%	\$24.55	\$34.10
Transportation Security Screeners	HS	3.7%	\$19.80	\$21.53
Food Preparation and Serving Related Occupations				
Chefs and Head Cooks	HS	12.4%	\$20.26	\$31.18
Supervisors of Food Prep and Serving Workers	HS	12.0%	\$12.55	\$20.25
Building and Grounds Cleaning and Maintenance Occupations				
Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	HS	11.4%	\$18.08	\$27.97
Personal Care and Service Occupations				
Gaming Supervisors	HS	0.7%	\$20.87	\$31.72
Supervisors of Personal Service Workers	HS	13.7%	\$13.47	\$21.91
Fitness Trainers and Aerobics Instructors	HS	2.2%	\$13.74	\$23.69
Sales and Related Occupations				
Supervisors of Retail Sales Workers	HS	5.9%	\$14.65	\$26.13
Supervisors of Non-Retail Sales Workers	HS	7.2%	\$29.35	\$49.36
Insurance Sales Agents	HS	12.0%	\$18.96	\$38.60
Securities, Commodities, and Financial Services Sales Agents	B	11.1%	\$16.88	\$38.94
Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	HS	0.1%	\$18.52	\$41.93
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	B	9.0%	\$28.74	\$55.28
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	HS	5.0%	\$22.74	\$49.22
Sales Engineers	B	6.2%	\$37.64	\$59.58
Office and Administrative Support Occupations				
Supervisors of Office and Admin Support Workers	HS	4.6%	\$21.44	\$34.64

Billing and Posting Clerks	HS	12.5%	\$15.29	\$22.29
Payroll and Timekeeping Clerks	HS	0.4%	\$17.16	\$25.46
Court, Municipal, and License Clerks	HS	8.8%	\$15.59	\$23.87
Customer Service Representatives	HS	7.7%	\$12.89	\$21.16
Eligibility Interviewers, Government Programs	HS	11.6%	\$22.44	\$26.47
Interviewers, Except Eligibility and Loan	HS	6.3%	\$16.26	\$24.54
Loan Interviewers and Clerks	HS	21.9%	\$16.83	\$23.24
Cargo and Freight Agents	HS	11.4%	\$16.60	\$26.73
Postal Service Mail Carriers	HS	5.3%	\$18.49	\$30.05
Production, Planning, and Expediting Clerks	HS	7.8%	\$20.12	\$32.14
Shipping, Receiving, and Traffic Clerks	HS	3.6%	\$13.17	\$20.59
Medical Secretaries	HS	13.5%	\$14.68	\$19.15
Insurance Claims and Policy Processing Clerks	HS	14.4%	\$15.57	\$23.62
Construction and Extraction Occupations				
Supervisors of Construction Trades and Extraction Workers	HS	11.7%	\$26.43	\$44.05
Brickmasons and Blockmasons	HS	11.1%	\$21.33	\$31.53
Carpenters	HS	8.6%	\$18.73	\$32.94
Cement Masons and Concrete Finishers	ND	12.1%	\$18.17	\$29.72
Construction Laborers	ND	12.0%	\$15.14	\$24.92
Paving, Surfacing, and Tamping Equipment Operators	HS	11.0%	\$21.73	\$28.61
Operating Engineers and Other Construction Equipment Operators	HS	11.5%	\$23.09	\$30.66
Electricians	HS	8.9%	\$20.67	\$37.42
Glaziers	HS	11.6%	\$15.11	\$27.56
Painters, Construction and Maintenance	ND	5.5%	\$16.38	\$27.47
Plumbers, Pipefitters, and Steamfitters	HS	14.0%	\$26.88	\$37.73
Roofers	ND	10.9%	\$17.34	\$30.16
Sheet Metal Workers	HS	8.3%	\$17.61	\$33.66
Structural Iron and Steel Workers	HS	12.0%	\$24.44	\$31.29
Construction and Building Inspectors	HS	13.1%	\$19.09	\$32.92
Hazardous Materials Removal Workers	HS	15.4%	\$18.80	\$29.97
Highway Maintenance Workers	HS	8.3%	\$16.97	\$25.24
Septic Tank Servicers and Sewer Pipe Cleaners	HS	17.3%	\$16.04	\$25.95
Installation, Maintenance, and Repair Occupations				
Supervisors of Mechanics, Installers, and Repairers	HS	9.4%	\$24.69	\$43.62
Electrical and Electronics Installers & Repairers, Transportation Equipment	*		\$21.76	\$36.94

Electrical and Electronics Repairers, Commercial and Industrial Equipment	ND	-5.2%	\$22.36	\$35.63
Security and Fire Alarm Systems Installers	HS	14.6%	\$16.68	\$27.20
Aircraft Mechanics and Service Technicians	Cert	5.1%	\$24.86	\$42.21
Automotive Body and Related Repairers	HS	9.5%	\$15.56	\$32.47
Automotive Service Technicians and Mechanics	Cert	8.4%	\$12.51	\$28.50
Bus and Truck Mechanics and Diesel Engine Specialists	HS	14.0%	\$18.67	\$27.23
Mobile Heavy Equipment Mechanics, Except Engines	HS	8.1%	\$21.59	\$32.47
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Cert	15.3%	\$16.25	\$29.03
Industrial Machinery Mechanics	HS	10.6%	\$19.94	\$31.66
Maintenance Workers, Machinery	HS	10.0%	\$18.34	\$25.66
Millwrights	HS	17.4%	\$31.93	\$37.17
Maintenance and Repair Workers, General	HS	10.3%	\$13.45	\$22.92
Installation, Maintenance, and Repair Workers, All Other	HS	0.8%	\$15.77	\$34.72
Production Occupations				
Supervisors of Production and Operating Workers	HS		\$24.56	\$41.61
Machinists	HS		\$15.56	\$26.41
Welders, Cutters, Solderers, and Brazers	HS		\$16.22	\$24.02
Stationary Engineers and Boiler Operators	HS		\$28.51	\$36.72
Gas Plant Operators	HS		\$33.23	\$38.97
Chemical Equipment Operators and Tenders	HS		\$19.15	\$33.03
Inspectors, Testers, Sorters, Samplers & Weighers, 51-9061	HS		\$13.29	\$24.90
Dental Laboratory Technicians	HS		\$16.17	\$24.11
Computer Tool Operators	HS		\$14.72	\$24.01
Computer Tool Programmers	Cert		\$20.04	\$30.62
Transportation and Material Moving Occupations				
Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	HS	12.5%		
Supervisors of Helpers, Laborers, and Material Movers, Hand	HS	10.9%		
Heavy and Tractor-Trailer Truck Drivers	Cert	12.0%	\$16.18	\$24.02
Light Truck or Delivery Service Drivers	HS	8.1%	\$11.35	\$22.99
Bus Drivers, School	HS	20.2%	\$14.39	\$18.59

Transportation Inspectors	HS	-7.1%	\$20.89	\$59.96
Crane and Tower Operators	HS	16.0%	\$18.14	\$23.36
Industrial Truck and Tractor Operators	ND	5.4%	\$14.88	\$25.45
Laborers and Freight, Stock, and Material Movers, Hand	ND	3.1%	\$12.98	\$18.91
Machine Feeders and Offbearers	ND	11.8%	\$16.98	\$25.61
Refuse and Recyclable Material Collectors	ND	16.9%	\$18.68	\$24.65

Growth and Wage Criteria

Wage data is based on hourly wages for the Detroit-Warren-Dearborn MI Metropolitan Statistical Area (which includes Lapeer, Livingston, Macomb, Oakland, St. Clair and Wayne counties).

Data Source:

Michigan Bureau of Labor Market Information and Strategic Initiatives.

* after the occupational title means that the occupation was added to the list based on other local criteria.

** after the occupation title means that only annual salary was available