

Regional Profiles for Industry Targeting

Northeast Lower Michigan Region

(Alcona, Alpena, Arenac, Cheboygan, Clare, Crawford, Gladwin, Iosco, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, and Roscommon Counties)

Current Labor Market Indicators

Area	Jobless Rate	Avg. Weekly Wage	Change 2001-2003			Forecast Job Growth Rate 2000- 2010
			Jobless Rate	Jobs	Weekly Wage	
Region	10.4%	\$442	+1.4	-3.4%	+4.1%	+7.4%
Michigan	7.3%	\$727	+2.0	-4.2%	+4.4%	+9.3%
U.S.	6.0%	\$691	+1.3	-2.6%	+3.4%	+15.2%

Industry Job Trends

Industry	Percent Change 2001-2003			Share of Total		
	Region	MI	U.S.	Region	MI	U.S.
All Industries	-3.4	-4.2	-2.6	100.0	100.0	100.0
Construction	-7.7	-8.0	-2.5	7.6	5.2	6.2
Manufacturing	-10.7	-12.7	-12.5	14.7	19.7	13.5
Trade	-5.7	-6.0	-2.3	24.1	18.6	19.0
Transportation	-4.0	-5.2	-5.6	2.4	2.7	3.7
Utilities	+14.5	-2.1	-4.0	0.9	0.6	0.5
Information	-4.5	-7.2	-12.5	1.5	1.9	3.0
Financial Activities	+4.2	+3.8	+1.9	4.6	5.8	7.3
Professional & Business Services	+2.2	-3.4	-3.8	5.2	16.0	14.8
Educational Services	+7.1	+14.8	+7.4	0.3	1.4	1.9
Health Services	+3.0	+5.0	+6.0	15.4	12.8	12.8
Leisure & Hospitality	-0.5	+1.5	+1.6	17.4	11.0	11.5
Other Services	-5.5	-4.5	+1.3	3.8	3.5	4.0

Regional Profiles for Industry Targeting are for informational purposes only. Grant proposals may reflect regions and industries not captured in these profiles.

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Potential Target Industries

Core Industries (Region has a higher share of jobs in this industry than nationally)

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Wood Product Manufacturing	1,421	\$701	+1.9	0.0
Machinery Manufacturing	2,843	\$714	-11.6	+7.6
Construction of Buildings	1,768	\$469	-16.8	+1.4
Amusement, Gambling & Recreation	1,554	\$231	+13.4	-1.1
Nursing and Residential Care Facilities	2,908	\$372	+2.3	+6.6
Food Services and Drinking Places	8,106	\$172	+0.6	+0.6
General Merchandise Stores	2,448	\$288	+6.0	+5.2
Hospitals	2,889	\$672	+10.3	+11.2
Specialty Trade Contractors	2,779	\$513	+1.9	+1.8
Ambulatory Health Care Services	3,103	\$576	+3.6	+11.0

Developing Industries (Region's share of jobs advancing faster than national average)

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Machinery Manufacturing	2,843	\$714	-11.6	+7.6
Wood Product Manufacturing	1,421	\$701	+1.9	0.0
Utilities	625	\$1,041	+14.5	+1.7
Plastics & Rubber Products Manufacturing	1,080	\$553	-6.3	+7.3
Hospitals	2,889	\$672	+10.3	+11.2
Telecommunications	403	\$853	+20.0	-5.1
Specialty Trade Contractors	2,779	\$513	+1.9	+1.8
Nonmetallic Mineral Products Mfg.	344	\$850	-6.3	+3.1
Merchant Wholesalers, Durable Goods	923	\$539	+4.8	+7.8
Insurance Carriers & Related Activities	665	\$611	+2.4	+10.5

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Under-Represented Industries (Regional industries with below average share in jobs, but with positive employment outlook nationally)

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Computer & Electronics Manufacturing	416	\$576	-11.9	+1.8
Chemical Manufacturing	220	\$626	-6.9	+3.6
Insurance Carriers & Related Activities	665	\$611	+2.4	+10.5
Printing & Related Support Activities	123	\$493	-26.3	2.5

Competitive-Advantage Industries (Regional industries with a favorable combination of wage, employment change, and competitive employment performance vs. national trends)

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Utilities	625	\$1,041	+14.5	+1.7
Hospitals	2,889	\$672	+10.3	+11.2
Wood Product Manufacturing	1,421	\$701	+1.9	+0.0
Telecommunications	403	\$853	+20.0	-5.1
Machinery Manufacturing	2,843	\$714	-11.6	+7.6
Ambulatory Health Care Services	3,103	\$576	+3.6	+11.0
Transportation Equipment Manufacturing	960	\$584	+4.3	+15.6
Financial Institutions & Related Activities	1,613	\$504	+3.2	+17.2
Motor Vehicle & Parts Dealers	1,887	\$591	-3.9	+6.0
Plastics & Rubber Products Manufacturing	1,080	\$553	-6.3	+7.3

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Machinery Manufacturing

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Area	Percent Change 2001-2003		Average Weekly Wage	Forecast Job Growth Rate 2002- 2012
	Jobs	Weekly Wage		
Region	-11.6	+7.6	\$714	N/A
Michigan	-16.0	+5.2	\$972	N/A
U.S.	-16.7	+4.0	\$888	+9.7%

Primary Occupations

	Mechanical Engineer	Production Welder	Production Supervisor
O*Net SOC Code	17-2141.00	51-4121.01	51-1011.00
Average Wage	\$23.96/hr.	\$11.48/hr.	\$20.05/hr.
Tasks	Conduct research Test and analyze Confer with others Design equipment Develop procedures	Weld metal parts Connect oxygen/fuel Ignite torch Regulate gas/air flow Prepare workpieces	Direct activities Plan schedules Calc. requirements Determine standards Evaluate production
Knowledge*	Engineering/tech. Design Mathematics Computer/electronics Physics	Mechanical Production Processing Building Construction	Production/processing Management Human resources Mathematics Education/training
Skills*	Mathematics Technology design Science Operations analysis Reading comprehens.	Operation & control Equipment selection Mathematics Eqt. maintenance Operation monitoring	Coordination Reading comprehens. Speaking Time management Critical thinking
Abilities*	Math. reasoning Deductive reasoning Written comprehens. Number facility Near vision	Arm-hand steadiness Manual dexterity Near vision Control precision Dynamic strength	Oral expression Oral/written compr. Problem sensitivity Speech clarity Deductive reasoning

*Listed in order of importance

For detailed information see O*Net OnLine: http://online.onetcenter.org/gen_search_page

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Utilities

Current Labor Market Indicators

Area	Percent Change 2001-2003		Average Weekly Wage	Forecast Job Growth Rate 2002- 2012
	Jobs	Weekly Wage		
Region	+14.5	+1.7	\$1,041	N/A
Michigan	-2.0	+5.6	\$1,310	N/A
U.S.	-4.0	+4.0	\$1,257	-5.7%

Primary Occupations

	Power Generating Plant Operator	Electric Power-Line Installer/Repairer	Customer Service Representative
O*Net SOC Code	51-8013.01	49-9051.00	43-4051.00
Average Wage	\$14.77/hr.	\$13.02/hr.	\$12.85/hr.
Tasks	Operate machinery Compile/record data Maintain/repair equip Examine/test equip. Monitor gauges	Repair cables/equip. Drive to job site Work on live wires Install meters Connect serv. drops	Confer with customer Complete forms Determine charges Solicit sales Resolve complaints
Knowledge*	Engineering Technology Mechanical Mathematics	Mechanical Building/construction Transportation Public safety Public security	Customer service Personal service English language Sales Marketing
Skills*	Operation monitoring Operation & control Repairing Equipment selection Troubleshooting	Installation Troubleshooting Equip. maintenance Repairing Quality control	Speaking Active listening Service orientation Reading comprehens. Writing
Abilities*	Perceptual speed Selective attention Deductive reasoning Control precision Wrist-finger speed	Manual dexterity Multi-limb coordin. Information ordering Visualization Finger dexterity	Oral comprehension Oral expression Speech clarity Number facility Near vision

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Ambulatory Health Services

Current Labor Market Indicators

Area	Percent Change 2001-2003		Average Weekly Wage	Forecast Job Growth Rate 2002- 2012
	Jobs	Weekly Wage		
Region	+3.6	+11.0	\$576	N/A
Michigan	+6.8	+5.3	\$837	N/A
U.S.	+7.5	+4.1	\$822	+41.0%

Primary Occupations

	Medical Secretary	Dental Hygienist	Radiologic Tech.
O*Net SOC Code	43-6013.00	29-2021.00	29-2034.00
Average Wage	\$10.06/hr.	\$21.25/hr.	\$15.00/hr.
Tasks	Scheduling Maintain records Answer telephone Route documents Interview patients	Clean teeth Examine gums Chart conditions Provide education Expose/develop x-ray	Determine pt. needs Explain procedures Evaluate x-rays Operate equipment Perform procedures
Knowledge*	Customer service Clerical English language Computers/electronics Telecommunications	Medicine/Dentistry Customer service Biology Education/training English language	Medicine & Dentistry Physics & Biology Customer service English language Psychology
Skills*	Active listening Reading comprehens. Speaking Coordination Active learning	Active listening Speaking Reading comprehen. Active learning Time management	Operation & control Speaking Operation monitoring Reading comprehens. Active listening
Abilities*	Oral comprehension Oral expression Speech clarity Information ordering Near vision	Finger dexterity Near vision Manual dexterity. Problem sensitivity Arm-hand steadiness	Oral expression Written comprehens. Oral comprehension Information ordering Speech clarity

*Listed in order of importance.

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