

Regional Profiles for Industry Targeting

Northwest Lower Michigan Region

(Antrim, Benzie, Charlevoix, Emmet, Grand Traverse, Kalkaska, Lake, Leelanau, Manistee, Mason, Missaukee, Osceola and Wexford 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	8.4%	\$533	+1.3	-1.9%	+5.9%	+15.0%
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	-1.9	-4.2	-2.6	100.0	100.0	100.0
Construction	-5.9	-8.0	-2.5	8.2	5.2	6.2
Manufacturing	-9.2	-12.7	-12.5	19.2	19.7	13.5
Trade	-3.4	-6.0	-2.3	19.5	18.6	19.0
Transportation	-9.0	-5.2	-5.6	1.7	2.7	3.7
Utilities	+0.9	-2.1	-4.0	0.7	0.6	0.5
Information	+4.7	-7.2	-12.5	1.7	1.9	3.0
Financial Activities	+14.6	+3.8	+1.9	4.6	5.8	7.3
Professional & Business Services	+1.1	-3.4	-3.8	7.7	16.0	14.8
Educational Services	-13.7	+14.8	+7.4	1.1	1.4	1.9
Health Services	+8.1	+5.0	+6.0	14.0	12.8	12.8
Leisure & Hospitality	-0.2	+1.5	+1.6	16.5	11.0	11.5
Other Services	-2.7	-4.5	+1.3	3.3	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
Plastics & Rubber Products Manufacturing	2,481	\$691	-17.1	+13.3
Accommodation	5,463	\$287	-0.6	+7.1
Transportation Equipment Manufacturing	4,195	\$656	-6.6	+11.6
Machinery Manufacturing	2,411	\$743	-8.7	-0.3
Construction of Buildings	3,033	\$561	-5.3	+3.7
Hospitals	6,710	\$602	+7.8	+7.6
Food Services & Drinking Places	11,561	\$198	+0.3	+5.3
Specialty Trade Contractors	5,282	\$576	-5.8	-2.6
Ambulatory Health Care Services	5,749	\$836	+19.5	-2.0
Professional/Scientific/Technical Services	4,442	\$684	+6.8	+4.6

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

Industry	Jobs	Average Weekly Wage	Percent Change 2001-2003	
			Jobs	Weekly Wage
Ambulatory Health Care Services	5,749	\$836	+19.5	-2.0
Transportation Equipment Manufacturing	4,195	\$656	-6.6	+11.6
Machinery Manufacturing	2,411	\$743	-8.7	-0.3
Hospitals	6,710	\$602	+7.8	+7.6
Furniture Manufacturing	1,013	\$565	+1.1	+3.1
Fabricated Metal Product Manufacturing	2,318	\$686	-4.5	+2.2
Broadcasting (except Internet)	460	\$656	+3.5	+11.8
Professional/Scientific/Technical Services	4,442	\$684	+6.8	+4.6
Telecommunications	508	\$927	+15.2	-10.3

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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
Merchant Wholesalers, Nondurable Goods	835	\$706	-0.5	+10.4
Securities & Other Financial Investments	298	\$1,241	+26.1	+2.9
Chemical Manufacturing	317	\$1,255	-16.9	+17.4
Computer & Electronic Product Mfg.	670	\$1,076	-10.6	+14.2

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
Ambulatory Health Care Services	5,749	\$836	+19.5	-2.0
Utilities	849	\$1,209	+0.9	+5.9
Transportation Equipment Manufacturing	4,195	\$656	-6.6	+11.6
Machinery Manufacturing	2,411	\$743	-8.7	-0.3
Fabricated Metal Product Manufacturing	2,318	\$686	-4.5	+2.2
Motor Vehicle & Parts Dealers	2,358	\$684	+1.1	+6.7
Primary Metal Manufacturing	1,521	\$775	-12.3	-2.7
Heavy & Civil Engineering Construction	1,169	\$868	-7.5	+12.9
Food Manufacturing	2,301	\$643	-14.6	+1.2

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Fabricated Metal Products Manufacturing

Current Labor Market Indicators

Area	Percent Change 2001-2003		Average Weekly Wage	Forecast Job Growth Rate 2002- 2012
	Jobs	Weekly Wage		
Region	-4.5	+2.2	\$686	N/A
Michigan	-7.2	+4.2	\$774	N/A
U.S.	-12.9	+5.3	\$739	+6.3%

Primary Occupations

	Machinist	CNC Operator	Production Supervisor
O*Net SOC Code	51-4041.00	51-4011.01	51-1011.00
Average Wage	\$13.82/hr.	\$13.53/hr.	\$21.20/hr.
Tasks	Align/secure tools Calculate dimensions Dismantle equipment Fit/assemble parts Maintain machines	Set machine tools Install tools Determine specs. Calculate/set controls Maintain machines	Direct activities Plan schedules Calc. requirements Determine standards Evaluate production
Knowledge*	Mechanical Design Engineering Technology Mathematics	Mechanical Production Processing Engineering Technology	Production/processing Management Human resources Mathematics Education/training
Skills*	Quality control Operation/control Mathematics Operations analysis Equipment selection	Operation/control Monitoring Equipment selection Eqt. maintenance Quality control	Coordination Reading comp. Speaking Time management Critical thinking
Abilities*	Visualization Control precision Near vision Manual dexterity Number facility	Problem sensitivity Control precision Number facility Wrist-finger speed Reaction time	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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Telecommunications

Current Labor Market Indicators

Area	Percent Change 2001-2003		Average Weekly Wage	Forecast Job Growth Rate 2002- 2012
	Jobs	Weekly Wage		
Region	+15.2	-10.3	\$927	N/A
Michigan	-14.8	+6.7	\$1,025	N/A
U.S.	-17.6	+1.9	\$1,072	+3.3%

Primary Occupations

	Equipment Installer/Repairer	Line Installer/Repairer	Customer Service Representative
O*Net SOC Code	49-2022	49-9052	43-4051
Average Wage	\$15.93/hr.	\$15.80/hr.	\$12.63/hr.
Tasks	Test equipment Assemble/install eqt. Repair components Evaluate performance Maintain tools	Install terminal boxes String lead-in-wires Ascends poles Repair cable system Collects fees	Confer with customer Complete forms Determine charges Solicit sales Resolve complaints
Knowledge*	Telecommunications Computers Electronics Mechanical	Telecommunications Computers Electronics	Customer service Personal service English language Sales Marketing
Skills*	Repairing Installation Equip. maintenance Quality control Equipment selection	Installation Repairing Troubleshooting Equip. maintenance Equipment selection	Speaking Active listening Service orientation Reading comprehens. Writing
Abilities*	Manual dexterity Oral comprehension Written comprehens. Information ordering Problem sensitivity	Manual dexterity Oral comprehension Control precision Oral expression Deductive reasoning	Oral expression Oral comprehension 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	+19.5	-2.0	\$836	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	\$17.61/hr.	\$22.27/hr.	\$17.53/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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