

Michigan Economic Development Corporation



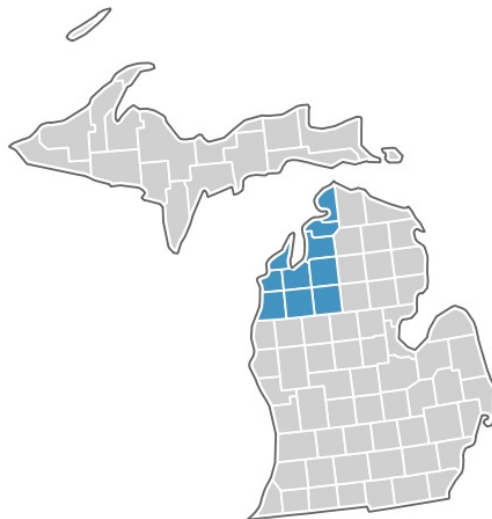
300 N. Washington Square, Lower Level

Lansing, Michigan 48913

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Economy Overview

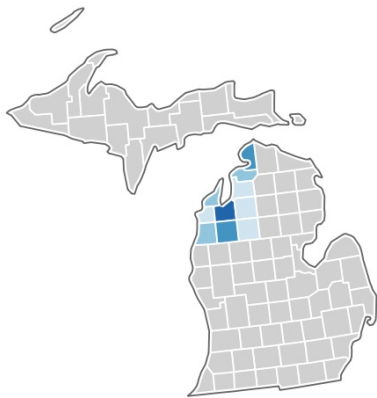
MEDC Region 2 Northwest Michigan



Report Info

Dataset Version	2012.4
Timeframe	2009 - 2012
Region Name	MEDC Region 2 Northwest Michigan
Counties	Antrim, MI (26009)
	Benzie, MI (26019)
	Charlevoix, MI (26029)
	Emmet, MI (26047)
	Grand Traverse, MI (26055)
	Kalkaska, MI (26079)
	Leelanau, MI (26089)
	Manistee, MI (26101)
	Missaukee, MI (26113)
	Wexford, MI (26165)

MEDC Region 2 Northwest Michigan



Population (2012)	299,894
Jobs (2012)	111,875
Average Earnings (2012)	\$35,954
Unemployed (9/2012)	11,292
Completions (2011)	1,447
GRP (2011)	\$9,185,820,820
Exports (2011)	\$11,481,886,780
Imports (2011)	\$13,373,241,451

MEDC Region 2 Northwest Michigan | Population

299,894 2012 Population 3.0% of State		0.2% Population Growth for the Last 5 Years State Growth -1.4%	
Age Group	2012 Population	% of Population	
Under 5 years	15,976	5.3%	
5 to 9 years	17,534	5.8%	
10 to 14 years	18,798	6.3%	
15 to 19 years	18,187	6.1%	
20 to 24 years	14,625	4.9%	
25 to 29 years	15,852	5.3%	
30 to 34 years	16,209	5.4%	
35 to 39 years	15,217	5.1%	
40 to 44 years	18,403	6.1%	
45 to 49 years	20,866	7.0%	
50 to 54 years	24,485	8.2%	
55 to 59 years	24,689	8.2%	
60 to 64 years	22,624	7.5%	
65 to 69 years	18,289	6.1%	
70 to 74 years	13,285	4.4%	
75 to 79 years	9,823	3.3%	
80 to 84 years	7,501	2.5%	
85 years and over	7,531	2.5%	

MEDC Region 2 Northwest Michigan | Jobs by Industry

111,875 Total Jobs (2012)		48.4% Male (National: 50.3%)	51.6% Female (National: 49.7%)
NAICS	Industry	2012 Jobs	
11	Agriculture, Forestry, Fishing and Hunting	1,441	
21	Mining, Quarrying, and Oil and Gas Extraction	890	
22	Utilities	633	
23	Construction	4,716	
31-33	Manufacturing	13,500	
42	Wholesale Trade	1,981	
44-45	Retail Trade	15,638	
48-49	Transportation and Warehousing	1,510	
51	Information	1,597	
52	Finance and Insurance	3,454	
53	Real Estate and Rental and Leasing	1,168	
54	Professional, Scientific, and Technical Services	3,536	
55	Management of Companies and Enterprises	97	
56	Administrative and Support and Waste Management and Remediation Services	4,629	
61	Educational Services (Private)	1,683	
62	Health Care and Social Assistance	16,115	
71	Arts, Entertainment, and Recreation	1,693	
72	Accommodation and Food Services	13,352	
81	Other Services (except Public Administration)	3,364	
90	Government	20,867	
99	Unclassified Industry	10	

MEDC Region 2 Northwest Michigan | Average Earnings by Industry

\$35,954 Avg. Earnings (2012) 74% of Nation Avg.		\$43,336 Male Avg. Earnings (2012) 73% of Nation Avg.	\$29,035 Female Avg. Earnings (2012) 77% of Nation Avg.
NAICS	Industry	Avg. Earnings (2012)	
11	Agriculture, Forestry, Fishing and Hunting	\$24,761	
21	Mining, Quarrying, and Oil and Gas Extraction	\$68,287	
22	Utilities	\$82,463	
23	Construction	\$38,718	
31-33	Manufacturing	\$47,384	
42	Wholesale Trade	\$45,932	
44-45	Retail Trade	\$23,752	
48-49	Transportation and Warehousing	\$39,102	
51	Information	\$46,277	
52	Finance and Insurance	\$51,825	
53	Real Estate and Rental and Leasing	\$27,552	
54	Professional, Scientific, and Technical Services	\$48,767	
55	Management of Companies and Enterprises	\$64,947	
56	Administrative and Support and Waste Management and Remediation Services	\$29,588	
61	Educational Services (Private)	\$24,536	
62	Health Care and Social Assistance	\$45,470	
71	Arts, Entertainment, and Recreation	\$22,839	
72	Accommodation and Food Services	\$15,782	
81	Other Services (except Public Administration)	\$26,770	
90	Government	\$39,077	
99	Unclassified Industry	\$22,673	

MEDC Region 2 Northwest Michigan | Unemployment by Industry

11,292

Total Unemployment (9/2012)

NAICS	Industry	Unemployed (9/2012)	% of Unemployed	
11	Agriculture, Forestry, Fishing and Hunting	72	1%	
21	Mining, Quarrying, and Oil and Gas Extraction	123	1%	
22	Utilities	21	0%	
23	Construction	959	8%	
31-33	Manufacturing	1,499	13%	
42	Wholesale Trade	97	1%	
44-45	Retail Trade	1,377	12%	
48-49	Transportation and Warehousing	132	1%	
51	Information	89	1%	
52	Finance and Insurance	263	2%	
53	Real Estate and Rental and Leasing	118	1%	
54	Professional, Scientific, and Technical Services	232	2%	
55	Management of Companies and Enterprises	4	0%	
56	Administrative and Support and Waste Management and Remediation Services	504	4%	
61	Educational Services (Private)	319	3%	
62	Health Care and Social Assistance	954	8%	
71	Arts, Entertainment, and Recreation	207	2%	
72	Accommodation and Food Services	1,261	11%	
81	Other Services (except Public Administration)	472	4%	
90	Government	834	7%	
99	No Previous Work Experience/Unspecified	1,755	16%	

MEDC Region 2 Northwest Michigan | Top Program Completions

CIP	Program	Completions (2011)	
24	Liberal arts and sciences, general studies and humanities	483	
51	Health professions and related programs	399	
52	Business, management, marketing, and related support services	181	
49	Transportation and materials moving	49	
11	Computer and information sciences and support services	45	
12	Personal and culinary services	42	
19	Family and consumer sciences/human sciences	39	
50	Visual and performing arts	38	
43	Homeland security, law enforcement, firefighting and related protective services	37	
15	Engineering technologies and engineering-related fields	35	

MEDC Region 2 Northwest Michigan | Gross Regional Product (GRP)

		\$6,159,483,984 Earnings (2011)	\$2,303,804,577 Property Income (2011)	\$809,022,921 Taxes on Production (2011)	\$9,185,820,820 Total GRP (2011)
NAICS	Industry	GRP (2011)		% of Total	
11	Agriculture, Forestry, Fishing and Hunting	\$218,694,520		2% 	
21	Mining, Quarrying, and Oil and Gas Extraction	\$411,354,977		4% 	
22	Utilities	\$252,022,885		3% 	
23	Construction	\$372,959,217		4% 	
31-33	Manufacturing	\$1,309,228,872		14% 	
42	Wholesale Trade	\$254,594,856		3% 	
44-45	Retail Trade	\$860,616,508		9% 	
48-49	Transportation and Warehousing	\$127,744,140		1% 	
51	Information	\$235,751,279		3% 	
52	Finance and Insurance	\$656,377,155		7% 	
53	Real Estate and Rental and Leasing	\$642,540,526		7% 	
54	Professional, Scientific, and Technical Services	\$435,683,715		5% 	
55	Management of Companies and Enterprises	\$18,870,267		0% 	
56	Administrative and Support and Waste Management and Remediation Services	\$284,217,150		3% 	
61	Educational Services (Private)	\$67,356,912		1% 	
62	Health Care and Social Assistance	\$1,072,443,170		12% 	
71	Arts, Entertainment, and Recreation	\$105,219,561		1% 	
72	Accommodation and Food Services	\$470,716,475		5% 	
81	Other Services (except Public Administration)	\$244,892,358		3% 	
90	Government	\$1,144,536,275		12% 	

MEDC Region 2 Northwest Michigan | Region Exports

\$11,481,886,780.24

Exports (2011)

61% of Supply

NAICS	Industry	Exports (2011)	
11	Agriculture, Forestry, Fishing and Hunting	\$493,876,751	
21	Mining, Quarrying, and Oil and Gas Extraction	\$643,922,973	
22	Utilities	\$200,430,841	
23	Construction	\$319,325,296	
31-33	Manufacturing	\$3,586,421,848	
42	Wholesale Trade	\$215,125,665	
44-45	Retail Trade	\$573,894,746	
48-49	Transportation and Warehousing	\$141,563,563	
51	Information	\$164,950,952	
52	Finance and Insurance	\$508,200,155	
53	Real Estate and Rental and Leasing	\$326,342,222	
54	Professional, Scientific, and Technical Services	\$182,403,907	
55	Management of Companies and Enterprises	\$25,385,980	
56	Administrative and Support and Waste Management and Remediation Services	\$251,785,543	
61	Educational Services (Private)	\$43,993,504	
62	Health Care and Social Assistance	\$845,810,513	
71	Arts, Entertainment, and Recreation	\$96,170,520	
72	Accommodation and Food Services	\$472,294,912	
81	Other Services (except Public Administration)	\$169,760,839	
90	Government	\$2,220,226,051	

MEDC Region 2 Northwest Michigan | Region Imports

\$13,373,241,451

Imports (2011)

64% of Demand

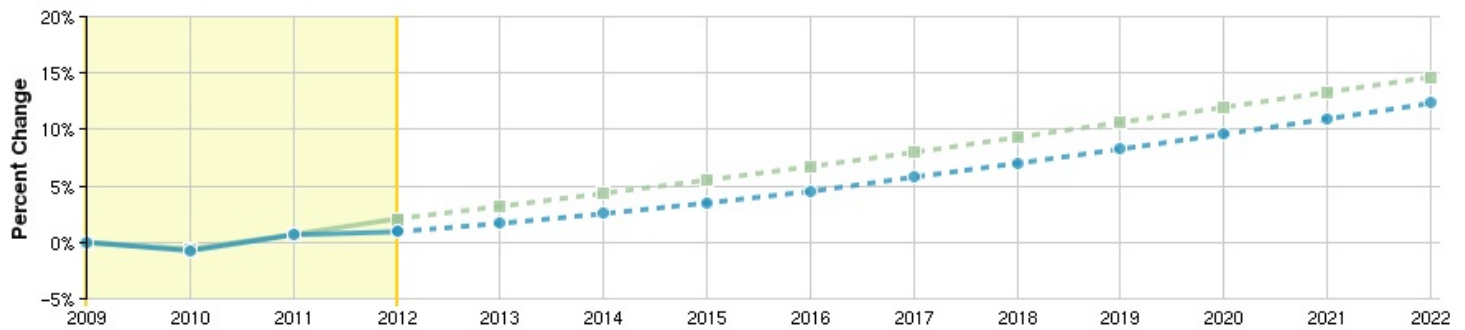
\$7,409,588,300

Locally Produced & Consumed (2011)

36% of Demand

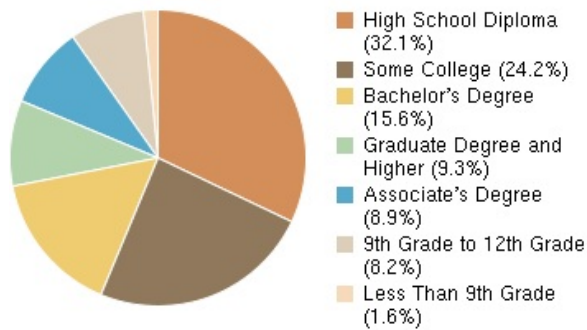
NAICS	Industry	Imports (2011)	
11	Agriculture, Forestry, Fishing and Hunting	\$352,269,993	
21	Mining, Quarrying, and Oil and Gas Extraction	\$160,327,523	
22	Utilities	\$149,718,762	
23	Construction	\$370,114,133	
31-33	Manufacturing	\$3,084,702,602	
42	Wholesale Trade	\$725,944,608	
44-45	Retail Trade	\$329,550,157	
48-49	Transportation and Warehousing	\$375,354,570	
51	Information	\$489,818,892	
52	Finance and Insurance	\$993,587,759	
53	Real Estate and Rental and Leasing	\$426,740,557	
54	Professional, Scientific, and Technical Services	\$550,113,854	
55	Management of Companies and Enterprises	\$297,736,608	
56	Administrative and Support and Waste Management and Remediation Services	\$232,472,232	
61	Educational Services (Private)	\$133,710,676	
62	Health Care and Social Assistance	\$550,240,093	
71	Arts, Entertainment, and Recreation	\$87,726,075	
72	Accommodation and Food Services	\$145,001,381	
81	Other Services (except Public Administration)	\$130,774,774	
90	Government	\$3,787,336,201	

Regional Trends



Region	2009 Jobs	2012 Jobs	% Change
● MEDC Region 2 Northwest Michigan	110,835	111,875	0.9%
■ Nation	131,734,648	134,481,323	2.1%

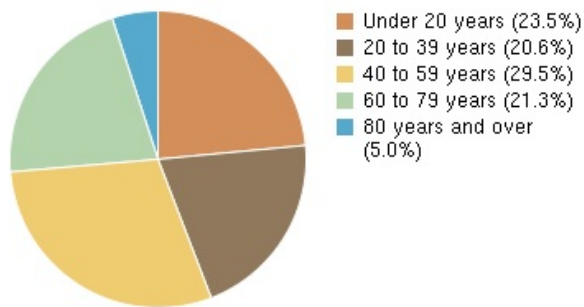
Educational Attainment



Largest Openings/Completions Gaps

Occupation	Related Completions (2011)	Annual Openings (2012)
Elementary School Teachers, Except Special Education (25-2021)	3	40
Teachers and Instructors, All Other (25-3999)	0	33
Secondary School Teachers, Except Special and Career/Technical Education (25-2031)	2	31
Dental Hygienists (29-2021)	0	25
Middle School Teachers, Except Special and Career/Technical Education (25-2022)	0	18

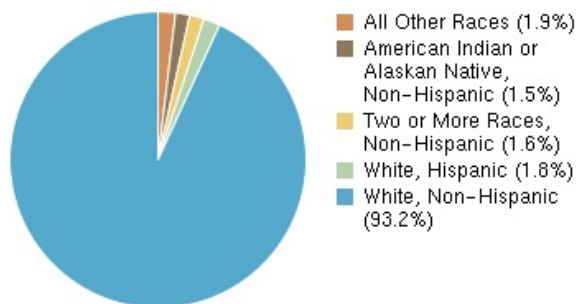
Age Demographics



Growing/Declining Occupations

Occupation	Change in Jobs (2009-2012)
Team Assemblers (51-2092)	129
Machinists (51-4041)	116
Office Clerks, General (43-9061)	93
Waiters and Waitresses (35-3031)	-75
Stock Clerks and Order Fillers (43-5081)	-77
Retail Salespersons (41-2031)	-119

Race Demographics



Growing/Declining Industries

Industry	Change in Jobs (2009- 2012)
Temporary Help Services (561320)	542
Gasoline Stations with Convenience Stores (447110)	337
Air and Gas Compressor Manufacturing (333912)	192
Professional Employer Organizations (561330)	-271
Hotels (except Casino Hotels) and Motels (721110)	-445
Elementary and Secondary Schools (Local Government) (903611)	-521

Top Regional Businesses

Business Name	Local Employees
Munson Healthcare	2,797
Northern Michigan Regional Hospital	1,177
North Central Council	1,164
Boulder Terrace Park	1,164
Subway	920

Source: Equifax Business List Data

Data Sources and Calculations

Input-Output Data

The input-output model in this report is created using the national Input-Output matrix provided by the federal Bureau of Economic Analysis. This is combined with the national Total Gross Output, the regional Total Gross Output, the land area of the subject region, regional DIRT data and regional in/out commuter patterns in order to calculate regional requirements, imports and exports. After using matrix algebra to calculate the regional multiplier, the resulting matrix is multiplied by the sales vector and converted back to jobs or earnings. Specifically, this data comes from the U.S. Department of Commerce, Bureau of Economic Analysis, Industry Economic Accounts: Benchmark & Annual Input-Output (I-O) Accounts.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Demographic Data

The demographic data in this report is compiled from several sources using a specialized process. Sources include US Census Bureau annual estimates, birth and mortality rates from the US Health Department, and projected regional job growth.

Unemployment Data

The unemployment data in this report comes from the Bureau of Labor Statistics' Local Area Unemployment Statistics and is updated every two months.

State Data Sources

This report uses state data from the following agencies: Michigan Department of Labor and Economic Growth, Bureau of Labor Market Information and Strategic Initiatives

Educational Attainment Data

EMSI's educational attainment numbers are based on Census 1990, Census 2000, the Current Population Survey, and EMSI's demographic data. By combining these sources, EMSI interpolates for missing years and projects data at the county level. Educational attainment data cover only the population aged 25 years or more and indicate the highest level achieved.

Equifax Business List Data

Data for individual businesses is provided by Equifax (<http://www.equifax.com/commercial/>), which maintains a database of more than 20 million U.S. business entities. Note that in aggregate it will not be consistent with EMSI labor market data due to differences in definitions, methodology, coverage, and classification.

Equifax Business-Level Data

Data for individual businesses is provided by Equifax (<http://www.equifax.com/commercial/>), which maintains a database of more than 20 million U.S. business entities. Note that in aggregate it will not be consistent with EMSI labor market data due to differences in definitions, methodology, coverage, and industry/geographic classification.