

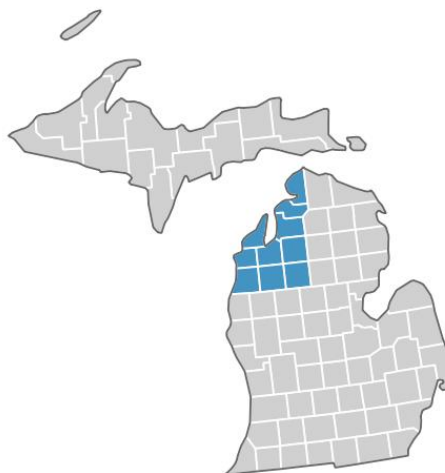
Michigan Economic Development Corporation



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Lansing, Michigan 48913
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Economy Overview

MEDC Region 2 Northwest Michigan

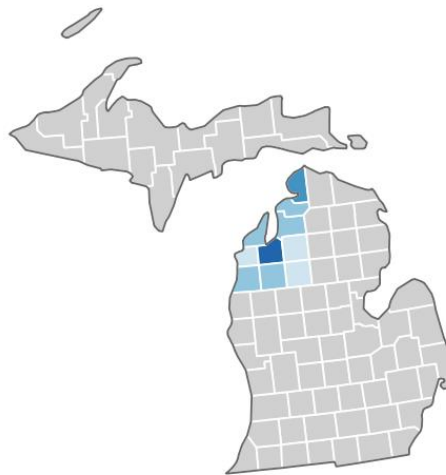


Report Info

Dataset Version	2013.3 Class of Worker
Class of Worker Categories	QCEW Employees + Non-QCEW Employees + Self-Employed + Extended Proprietors
Timeframe	2012 - 2013
Dataset Category	EMSI Complete
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 (2013)	299,294
Jobs (2013)	169,419
Average Earnings (2013)	\$37,115
Unemployed (5/2013)	13,769
Completions (2012)	1,654
GRP (2012)	\$10,048,115,786
Exports (2012)	\$12,185,323,579
Imports (2012)	\$14,225,016,665

MEDC Region 2 Northwest Michigan | Population

299,294 2013 Population 3.0% of State	0.0% Population Growth for the Last 5 Years State Growth -1.3%
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Age Group	2013 Population	% of Population
Under 5 years	15,619	5.2%
5 to 9 years	17,221	5.8%
10 to 14 years	18,453	6.2%
15 to 19 years	17,771	5.9%
20 to 24 years	14,609	4.9%
25 to 29 years	15,813	5.3%
30 to 34 years	16,354	5.5%
35 to 39 years	15,290	5.1%
40 to 44 years	17,345	5.8%
45 to 49 years	20,572	6.9%
50 to 54 years	23,932	8.0%
55 to 59 years	24,919	8.3%
60 to 64 years	23,843	8.0%
65 to 69 years	18,896	6.3%
70 to 74 years	13,578	4.5%
75 to 79 years	9,990	3.3%
80 to 84 years	7,525	2.5%
85 years and over	7,563	2.5%

MEDC Region 2 Northwest Michigan | Jobs by Industry

169,419 Total Jobs (2013)	52.9% Male (National: 52.2%)	47.1% Female (National: 47.8%)
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NAICS	Industry	2013 Jobs
11	Agriculture, Forestry, Fishing and Hunting	5,244
21	Mining, Quarrying, and Oil and Gas Extraction	4,596
22	Utilities	682
23	Construction	9,987
31	Manufacturing	14,974
42	Wholesale Trade	2,637
44	Retail Trade	19,450
48	Transportation and Warehousing	2,553
51	Information	1,972
52	Finance and Insurance	7,869
53	Real Estate and Rental and Leasing	9,709
54	Professional, Scientific, and Technical Services	8,474
55	Management of Companies and Enterprises	108
56	Administrative and Support and Waste Management and Remediation Services	8,992
61	Educational Services (Private)	2,878
62	Health Care and Social Assistance	19,845
71	Arts, Entertainment, and Recreation	4,218
72	Accommodation and Food Services	15,741
81	Other Services (except Public Administration)	9,417
90	Government	19,901
99	Unclassified Industry	171

MEDC Region 2 Northwest Michigan | Average Earnings by Industry

\$37,115 Avg. Earnings (2013) 72% of Nation Avg.	\$43,680 Male Avg. Earnings (2013) 70% of Nation Avg.	\$29,757 Female Avg. Earnings (2013) 75% of Nation Avg.
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NAICS	Industry	Avg. Earnings (2013)
11	Agriculture, Forestry, Fishing and Hunting	\$25,996
21	Mining, Quarrying, and Oil and Gas Extraction	\$46,022
22	Utilities	\$116,020
23	Construction	\$33,623
31	Manufacturing	\$58,146
42	Wholesale Trade	\$48,363
44	Retail Trade	\$26,158
48	Transportation and Warehousing	\$40,030
51	Information	\$45,835
52	Finance and Insurance	\$48,186
53	Real Estate and Rental and Leasing	\$16,287
54	Professional, Scientific, and Technical Services	\$40,680
55	Management of Companies and Enterprises	\$93,810
56	Administrative and Support and Waste Management and Remediation Services	\$24,372
61	Educational Services (Private)	\$21,323
62	Health Care and Social Assistance	\$52,077
71	Arts, Entertainment, and Recreation	\$16,807
72	Accommodation and Food Services	\$18,873
81	Other Services (except Public Administration)	\$21,721
90	Government	\$52,376
99	Unclassified Industry	\$26,891

MEDC Region 2 Northwest Michigan | Unemployment by Industry

13,769

Total Unemployment (5/2013)

NAICS	Industry	Unemployed (5/2013)	% of Unemployed
11	Agriculture, Forestry, Fishing and Hunting	121	1%
21	Mining, Quarrying, and Oil and Gas Extraction	152	1%
22	Utilities	27	0%
23	Construction	1,499	11%
31	Manufacturing	1,686	12%
42	Wholesale Trade	125	1%
44	Retail Trade	1,594	12%
48	Transportation and Warehousing	137	1%
51	Information	110	1%
52	Finance and Insurance	277	2%
53	Real Estate and Rental and Leasing	148	1%
54	Professional, Scientific, and Technical Services	307	2%
55	Management of Companies and Enterprises	4	0%
56	Administrative and Support and Waste Management and Remediation Services	605	4%
61	Educational Services (Private)	161	1%
62	Health Care and Social Assistance	1,116	8%
71	Arts, Entertainment, and Recreation	250	2%
72	Accommodation and Food Services	1,662	12%
81	Other Services (except Public Administration)	477	3%
90	Government	970	7%
99	No Previous Work Experience/Unspecified	2,342	17%

MEDC Region 2 Northwest Michigan | Top Program Completions

CIP	Program	Completions (2012)
24	Liberal arts and sciences, general studies and humanities	616
51	Health professions and related programs	385
52	Business, management, marketing, and related support services	184
11	Computer and information sciences and support services	83
49	Transportation and materials moving	51
15	Engineering technologies and engineering-related fields	47
19	Family and consumer sciences/human sciences	44
43	Homeland security, law enforcement, firefighting and related protective services	42
12	Personal and culinary services	41
47	Mechanic and repair technologies/technicians	32

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

\$6,330,584,579	\$2,864,298,102	\$853,233,105	\$10,048,115,786
Earnings (2012)	Property Income (2012)	Taxes on Production (2012)	Total GRP (2012)

NAICS	Industry	GRP (2012)	% of Total
11	Agriculture, Forestry, Fishing and Hunting	\$196,290,691	2%
21	Mining, Quarrying, and Oil and Gas Extraction	\$511,334,568	5%
22	Utilities	\$287,004,495	3%
23	Construction	\$384,232,201	4%
31	Manufacturing	\$1,306,393,372	13%
42	Wholesale Trade	\$257,504,271	3%
44	Retail Trade	\$846,105,398	8%
48	Transportation and Warehousing	\$138,575,252	1%
51	Information	\$225,623,610	2%
52	Finance and Insurance	\$612,247,885	6%
53	Real Estate and Rental and Leasing	\$693,534,673	7%
54	Professional, Scientific, and Technical Services	\$438,661,625	4%
55	Management of Companies and Enterprises	\$13,989,327	0%
56	Administrative and Support and Waste Management and Remediation Services	\$265,867,069	3%
61	Educational Services (Private)	\$72,356,943	1%
62	Health Care and Social Assistance	\$1,102,989,030	11%
71	Arts, Entertainment, and Recreation	\$113,441,490	1%
72	Accommodation and Food Services	\$487,761,125	5%
81	Other Services (except Public Administration)	\$231,886,938	2%
90	Government	\$1,168,159,401	12%
99	Other non-industries	\$694,156,422	7%

MEDC Region 2 Northwest Michigan | Region Exports

\$12,185,323,579.12

Exports (2012)

61% of Supply

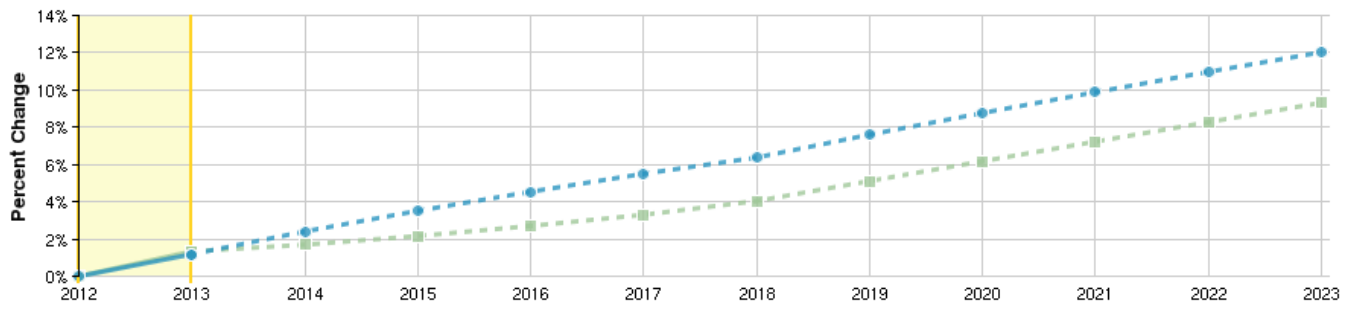
NAICS	Industry	Exports (2012)
11	Agriculture, Forestry, Fishing and Hunting	\$503,322,797
21	Mining, Quarrying, and Oil and Gas Extraction	\$844,924,974
22	Utilities	\$218,215,008
23	Construction	\$318,543,323
31	Manufacturing	\$3,891,232,912
42	Wholesale Trade	\$222,469,754
44	Retail Trade	\$573,666,837
48	Transportation and Warehousing	\$154,739,290
51	Information	\$163,224,049
52	Finance and Insurance	\$504,826,293
53	Real Estate and Rental and Leasing	\$385,648,660
54	Professional, Scientific, and Technical Services	\$189,398,627
55	Management of Companies and Enterprises	\$16,507,000
56	Administrative and Support and Waste Management and Remediation Services	\$212,357,323
61	Educational Services (Private)	\$51,904,576
62	Health Care and Social Assistance	\$838,431,838
71	Arts, Entertainment, and Recreation	\$98,932,688
72	Accommodation and Food Services	\$497,068,716
81	Other Services (except Public Administration)	\$141,176,124
90	Government	\$2,358,732,791

MEDC Region 2 Northwest Michigan | Region Imports

\$14,225,016,665 Imports (2012) 65% of Demand	\$7,679,807,899 Locally Produced & Consumed (2012) 35% of Demand
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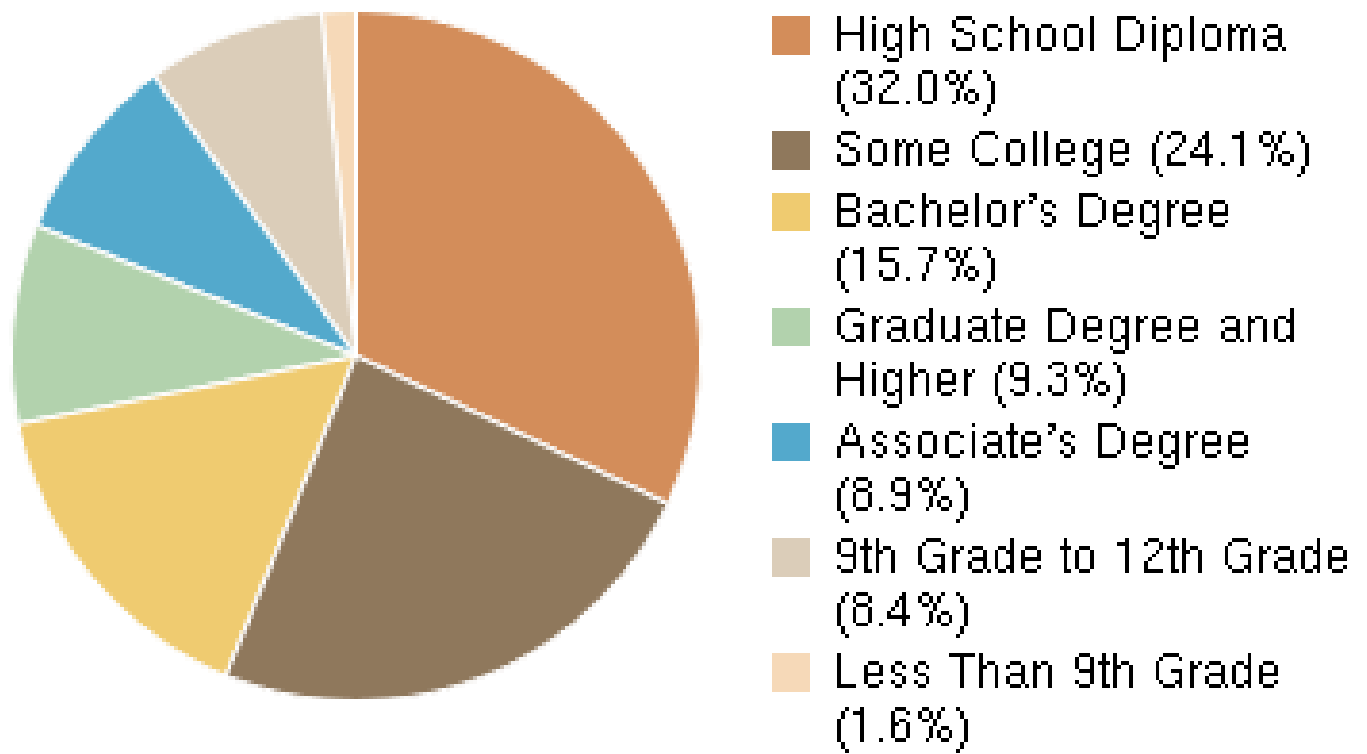
NAICS	Industry	Imports (2012)
11	Agriculture, Forestry, Fishing and Hunting	\$334,266,016
21	Mining, Quarrying, and Oil and Gas Extraction	\$189,070,930
22	Utilities	\$152,786,337
23	Construction	\$386,120,432
31	Manufacturing	\$3,481,755,517
42	Wholesale Trade	\$760,938,798
44	Retail Trade	\$356,966,957
48	Transportation and Warehousing	\$400,937,471
51	Information	\$515,688,744
52	Finance and Insurance	\$984,030,548
53	Real Estate and Rental and Leasing	\$459,860,026
54	Professional, Scientific, and Technical Services	\$605,172,840
55	Management of Companies and Enterprises	\$332,334,879
56	Administrative and Support and Waste Management and Remediation Services	\$252,387,871
61	Educational Services (Private)	\$138,005,017
62	Health Care and Social Assistance	\$489,069,872
71	Arts, Entertainment, and Recreation	\$92,659,970
72	Accommodation and Food Services	\$151,232,876
81	Other Services (except Public Administration)	\$141,399,790
90	Government	\$4,000,331,774

Regional Trends



	Region	2012 Jobs	2013 Jobs	% Change
●	MEDC Region 2 Northwest Michigan	167,440	169,419	1.2%
●	Michigan	5,260,051	5,330,412	1.3%

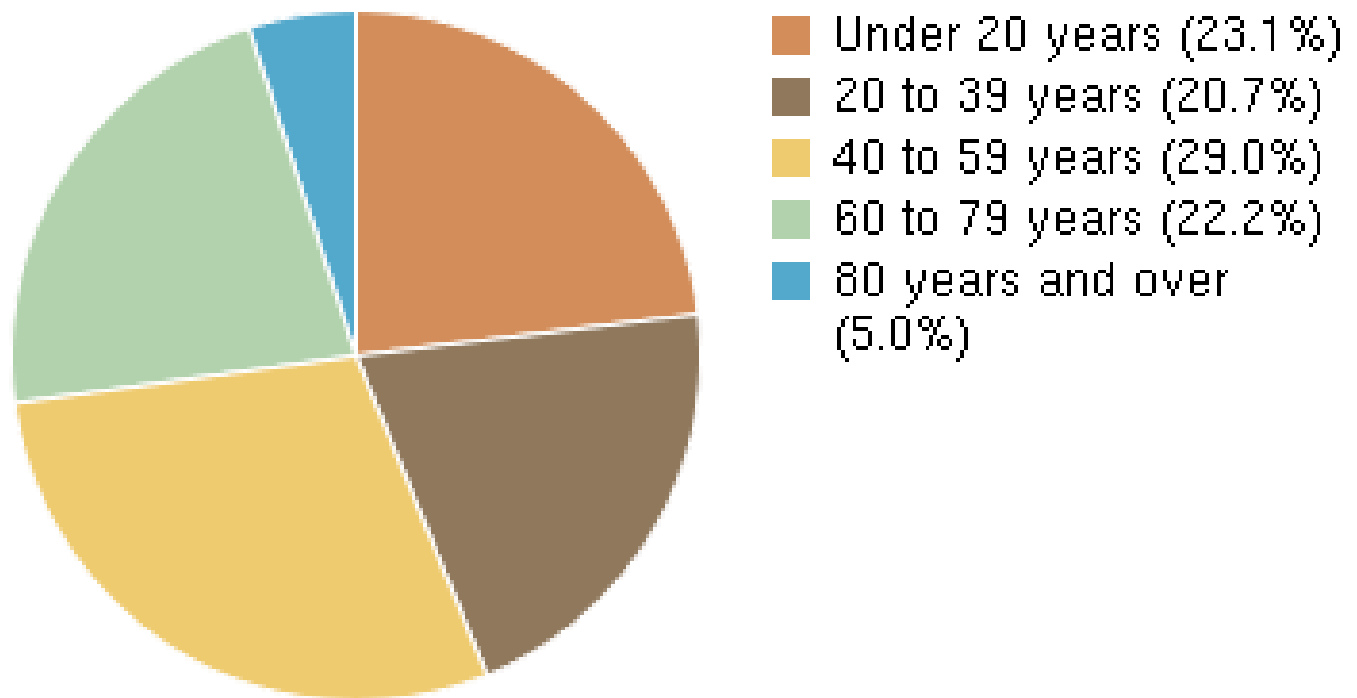
2013 Educational Attainment



Largest Openings/Completions Gaps

Occupation	Related Completions (2012)	Annual Openings (2013)
Personal Financial Advisors (13-2052)	0	116
Securities, Commodities, and Financial Services Sales Agents (41-3031)	0	93
Teachers and Instructors, All Other (25-3099)	0	41
Lawyers (23-1011)	0	38
Elementary School Teachers, Except Special Education (25-2021)	3	33

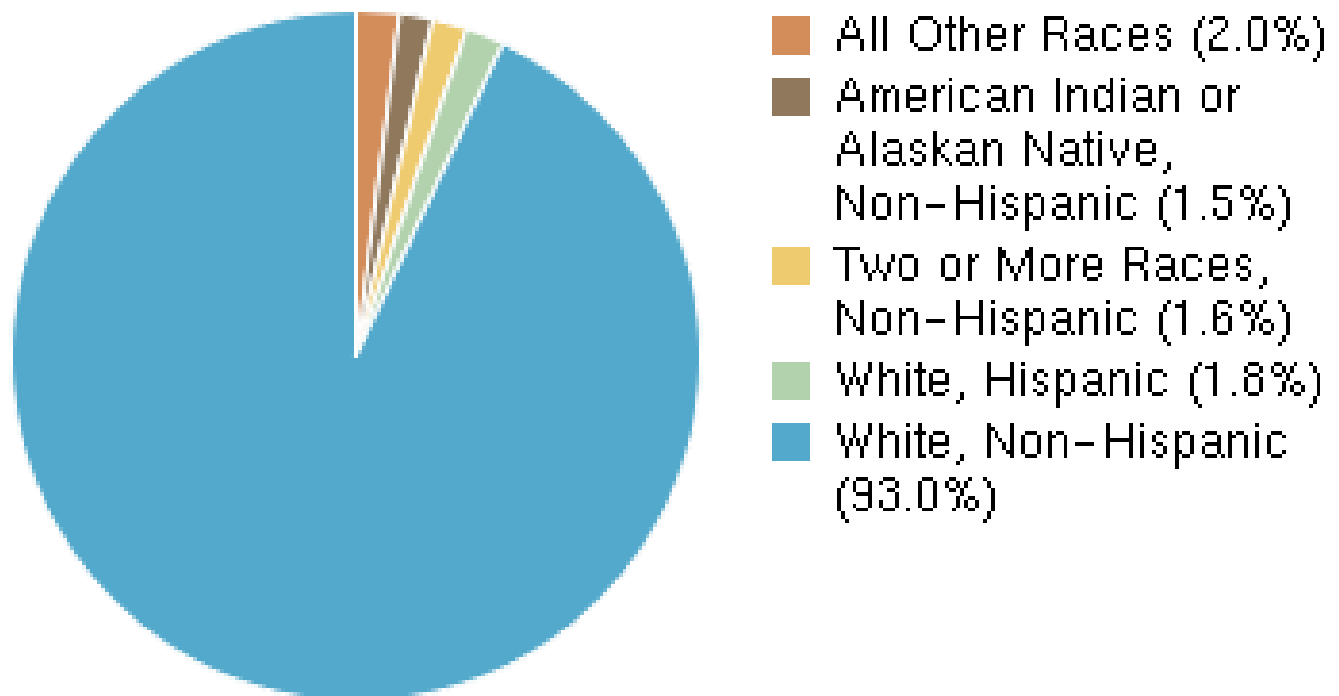
2013 Age Demographics



Growing/Declining Occupations

Occupation	Change in Jobs (2012-2013)
Combined Food Preparation and Serving Workers, Including Fast Food (35-3021)	181
Real Estate Sales Agents (41-9022)	108
Waiters and Waitresses (35-3031)	99
Plumbers, Pipefitters, and Steamfitters (47-2152)	-23
Carpenters (47-2031)	-63
Childcare Workers (39-9011)	-92

2013 Race Demographics



Growing/Declining Industries

Industry	Change in Jobs (2012-2013)
Limited-Service Restaurants (722211)	278
Full-Service Restaurants (722110)	277
Temporary Help Services (561320)	228
Child Day Care Services (624410)	-107
New Single-Family Housing Construction (except Operative Builders) (236115)	-131
Hotels (except Casino Hotels) and Motels (721110)	-186

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.

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.