

Michigan Economic Development Corporation



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Economy Overview

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	Michigan
States	

Michigan (MI)

Michigan



Population (2013)	9,820,541
Jobs (2013)	5,330,412
Average Earnings (2013)	\$48,775
Unemployed (5/2013)	398,993
Completions (2012)	152,090
GRP (2012)	\$397,473,106,791
Exports (2012)	\$405,580,490,820
Imports (2012)	\$386,581,939,993

Michigan | Population

9,820,541 2013 Population 3.1% of National	-1.3% Population Growth for the Last 5 Years National Growth 4.2%
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Age Group	2013 Population	% of Population
Under 5 years	574,986	5.9%
5 to 9 years	606,657	6.2%
10 to 14 years	649,240	6.6%
15 to 19 years	688,543	7.0%
20 to 24 years	696,294	7.1%
25 to 29 years	594,350	6.1%
30 to 34 years	582,837	5.9%
35 to 39 years	562,898	5.7%
40 to 44 years	619,313	6.3%
45 to 49 years	687,581	7.0%
50 to 54 years	745,221	7.6%
55 to 59 years	714,412	7.3%
60 to 64 years	639,840	6.5%
65 to 69 years	477,830	4.9%
70 to 74 years	335,321	3.4%
75 to 79 years	247,175	2.5%
80 to 84 years	196,692	2.0%
85 years and over	201,351	2.1%

Michigan | Jobs by Industry

5,330,412 Total Jobs (2013)	51.5% Male (National: 52.2%)	48.5% Female (National: 47.8%)
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NAICS	Industry	2013 Jobs
11	Agriculture, Forestry, Fishing and Hunting	84,204
21	Mining, Quarrying, and Oil and Gas Extraction	24,498
22	Utilities	19,758
23	Construction	217,140
31	Manufacturing	575,806
42	Wholesale Trade	174,896
44	Retail Trade	536,001
48	Transportation and Warehousing	141,245
51	Information	66,951
52	Finance and Insurance	240,810
53	Real Estate and Rental and Leasing	232,316
54	Professional, Scientific, and Technical Services	381,297
55	Management of Companies and Enterprises	57,413
56	Administrative and Support and Waste Management and Remediation Services	378,433
61	Educational Services (Private)	113,335
62	Health Care and Social Assistance	662,442
71	Arts, Entertainment, and Recreation	95,688
72	Accommodation and Food Services	373,715
81	Other Services (except Public Administration)	331,026
90	Government	613,011
99	Unclassified Industry	10,428

Michigan | Average Earnings by Industry

\$48,775 Avg. Earnings (2013) 95% of Nation Avg.	\$60,029 Male Avg. Earnings (2013) 97% of Nation Avg.	\$36,857 Female Avg. Earnings (2013) 92% of Nation Avg.
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NAICS	Industry	Avg. Earnings (2013)
11	Agriculture, Forestry, Fishing and Hunting	\$26,988
21	Mining, Quarrying, and Oil and Gas Extraction	\$47,957
22	Utilities	\$138,274
23	Construction	\$46,339
31	Manufacturing	\$77,991
42	Wholesale Trade	\$74,730
44	Retail Trade	\$29,277
48	Transportation and Warehousing	\$52,484
51	Information	\$60,479
52	Finance and Insurance	\$62,948
53	Real Estate and Rental and Leasing	\$24,301
54	Professional, Scientific, and Technical Services	\$68,530
55	Management of Companies and Enterprises	\$130,997
56	Administrative and Support and Waste Management and Remediation Services	\$32,281
61	Educational Services (Private)	\$27,487
62	Health Care and Social Assistance	\$50,747
71	Arts, Entertainment, and Recreation	\$21,613
72	Accommodation and Food Services	\$17,583
81	Other Services (except Public Administration)	\$22,681
90	Government	\$62,814
99	Unclassified Industry	\$53,871

Michigan | Unemployment by Industry

398,993

Total Unemployment (5/2013)

NAICS	Industry	Unemployed (5/2013)	% of Unemployed
11	Agriculture, Forestry, Fishing and Hunting	1,929	0%
21	Mining, Quarrying, and Oil and Gas Extraction	891	0%
22	Utilities	829	0%
23	Construction	32,443	8%
31	Manufacturing	53,893	14%
42	Wholesale Trade	7,608	2%
44	Retail Trade	41,646	10%
48	Transportation and Warehousing	8,531	2%
51	Information	3,239	1%
52	Finance and Insurance	9,582	2%
53	Real Estate and Rental and Leasing	4,955	1%
54	Professional, Scientific, and Technical Services	18,219	5%
55	Management of Companies and Enterprises	1,674	0%
56	Administrative and Support and Waste Management and Remediation Services	29,808	7%
61	Educational Services (Private)	5,212	1%
62	Health Care and Social Assistance	35,298	9%
71	Arts, Entertainment, and Recreation	5,407	1%
72	Accommodation and Food Services	33,475	8%
81	Other Services (except Public Administration)	14,874	4%
90	Government	23,964	6%
99	No Previous Work Experience/Unspecified	65,517	16%

Michigan | Top Program Completions

CIP	Program	Completions (2012)
51	Health professions and related programs	31,351
52	Business, management, marketing, and related support services	24,568
24	Liberal arts and sciences, general studies and humanities	13,404
13	Education	10,127
14	Engineering	6,101
50	Visual and performing arts	4,773
45	Social sciences	4,770
11	Computer and information sciences and support services	4,759
12	Personal and culinary services	4,376
26	Biological and biomedical sciences	4,353

Michigan | Gross Regional Product (GRP)

\$256,999,608,738	\$109,601,962,796	\$30,871,535,257	\$397,473,106,791
Earnings (2012)	Property Income (2012)	Taxes on Production (2012)	Total GRP (2012)

NAICS	Industry	GRP (2012)	% of Total
11	Agriculture, Forestry, Fishing and Hunting	\$3,350,984,262	1%
21	Mining, Quarrying, and Oil and Gas Extraction	\$2,925,259,122	1%
22	Utilities	\$11,036,866,303	3%
23	Construction	\$11,045,381,988	3%
31	Manufacturing	\$67,819,842,080	17%
42	Wholesale Trade	\$23,606,539,826	6%
44	Retail Trade	\$25,185,574,740	6%
48	Transportation and Warehousing	\$10,415,732,335	3%
51	Information	\$9,386,588,319	2%
52	Finance and Insurance	\$26,721,310,060	7%
53	Real Estate and Rental and Leasing	\$23,667,879,656	6%
54	Professional, Scientific, and Technical Services	\$30,847,648,911	8%
55	Management of Companies and Enterprises	\$8,960,233,145	2%
56	Administrative and Support and Waste Management and Remediation Services	\$14,339,057,267	4%
61	Educational Services (Private)	\$3,573,587,421	1%
62	Health Care and Social Assistance	\$35,889,201,284	9%
71	Arts, Entertainment, and Recreation	\$3,120,761,801	1%
72	Accommodation and Food Services	\$10,198,472,007	3%
81	Other Services (except Public Administration)	\$8,298,094,339	2%
90	Government	\$42,897,139,526	11%
99	Other non-industries	\$24,186,952,398	6%

Michigan | Region Exports

\$405,580,490,820.29

Exports (2012)

47% of Supply

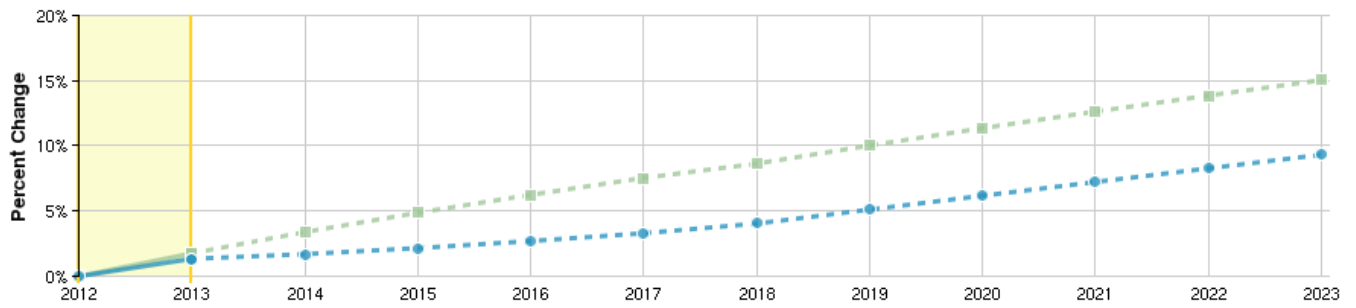
NAICS	Industry	Exports (2012)
11	Agriculture, Forestry, Fishing and Hunting	\$8,316,583,638
21	Mining, Quarrying, and Oil and Gas Extraction	\$4,453,835,623
22	Utilities	\$5,265,337,936
23	Construction	\$4,896,302,011
31	Manufacturing	\$203,484,477,780
42	Wholesale Trade	\$17,494,179,916
44	Retail Trade	\$8,374,233,919
48	Transportation and Warehousing	\$9,114,243,633
51	Information	\$3,838,945,990
52	Finance and Insurance	\$10,597,733,654
53	Real Estate and Rental and Leasing	\$7,663,452,769
54	Professional, Scientific, and Technical Services	\$16,318,217,239
55	Management of Companies and Enterprises	\$6,970,248,129
56	Administrative and Support and Waste Management and Remediation Services	\$7,662,383,120
61	Educational Services (Private)	\$1,166,318,782
62	Health Care and Social Assistance	\$14,665,586,889
71	Arts, Entertainment, and Recreation	\$1,316,987,730
72	Accommodation and Food Services	\$3,264,698,202
81	Other Services (except Public Administration)	\$3,065,768,884
90	Government	\$67,650,954,978

Michigan | Region Imports

\$386,581,939,993 Imports (2012) 46% of Demand	\$449,508,535,238 Locally Produced & Consumed (2012) 54% of Demand
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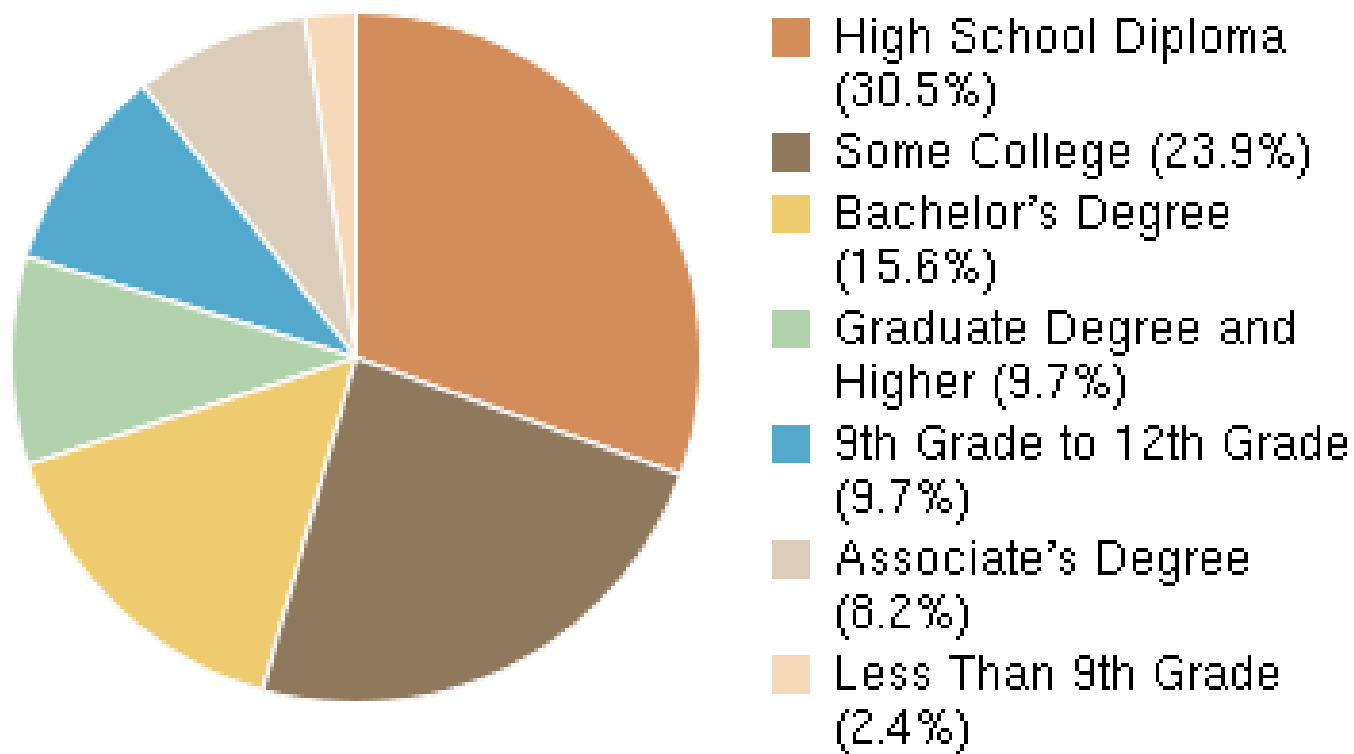
NAICS	Industry	Imports (2012)
11	Agriculture, Forestry, Fishing and Hunting	\$6,777,325,192
21	Mining, Quarrying, and Oil and Gas Extraction	\$10,122,168,170
22	Utilities	\$2,659,581,860
23	Construction	\$6,966,672,559
31	Manufacturing	\$115,782,766,268
42	Wholesale Trade	\$19,832,642,788
44	Retail Trade	\$9,068,346,563
48	Transportation and Warehousing	\$10,179,903,886
51	Information	\$14,177,263,433
52	Finance and Insurance	\$23,640,517,138
53	Real Estate and Rental and Leasing	\$12,476,910,989
54	Professional, Scientific, and Technical Services	\$10,533,836,987
55	Management of Companies and Enterprises	\$7,479,007,354
56	Administrative and Support and Waste Management and Remediation Services	\$4,420,047,170
61	Educational Services (Private)	\$3,382,188,683
62	Health Care and Social Assistance	\$8,259,046,950
71	Arts, Entertainment, and Recreation	\$2,679,365,767
72	Accommodation and Food Services	\$6,629,434,028
81	Other Services (except Public Administration)	\$3,428,581,651
90	Government	\$108,086,332,557

Regional Trends



Region	2012 Jobs	2013 Jobs	% Change
● Michigan	5,260,051	5,330,412	1.3%
● All Available States	179,277,297	182,432,348	1.8%

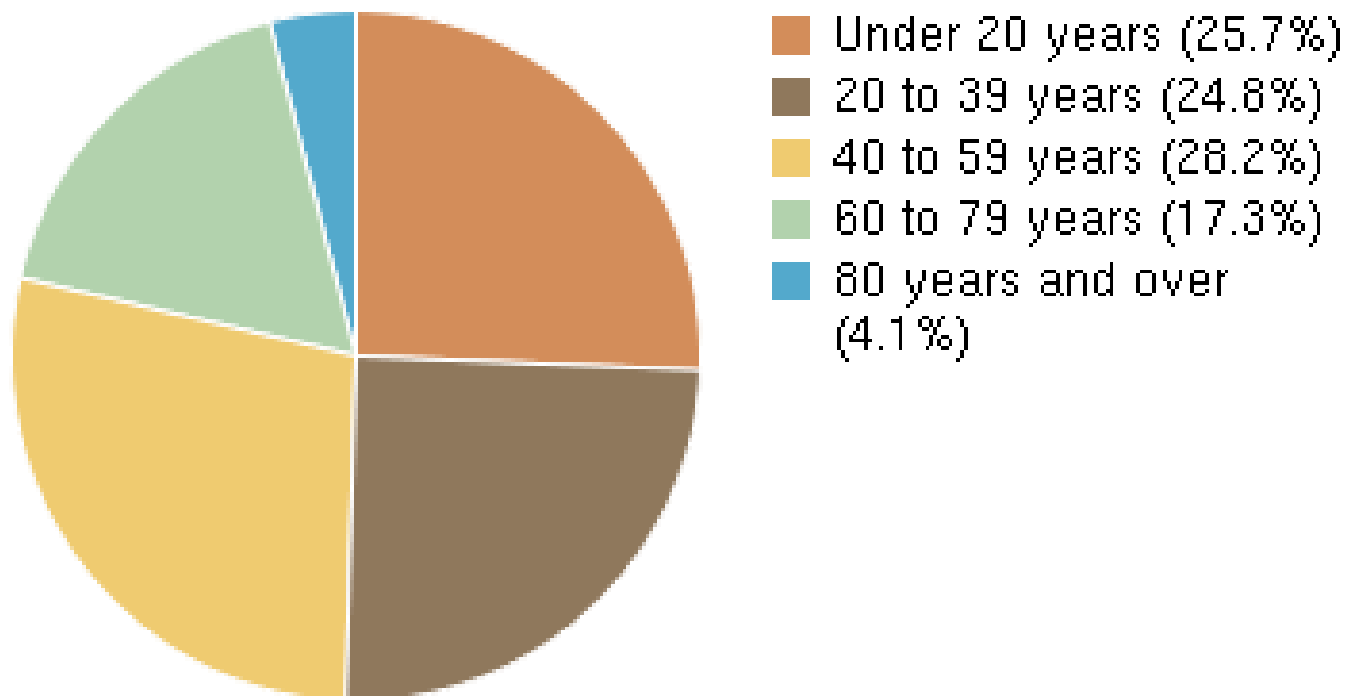
2013 Educational Attainment



Largest Openings/Completions Gaps

Occupation	Related Completions (2012)	Annual Openings (2013)
Securities, Commodities, and Financial Services Sales Agents (41-3031)	46	1,950
Personal Financial Advisors (13-2052)	1,483	2,402
Appraisers and Assessors of Real Estate (13-2021)	39	410
Meeting, Convention, and Event Planners (13-1121)	33	214
Internists, General (29-1063)	0	154

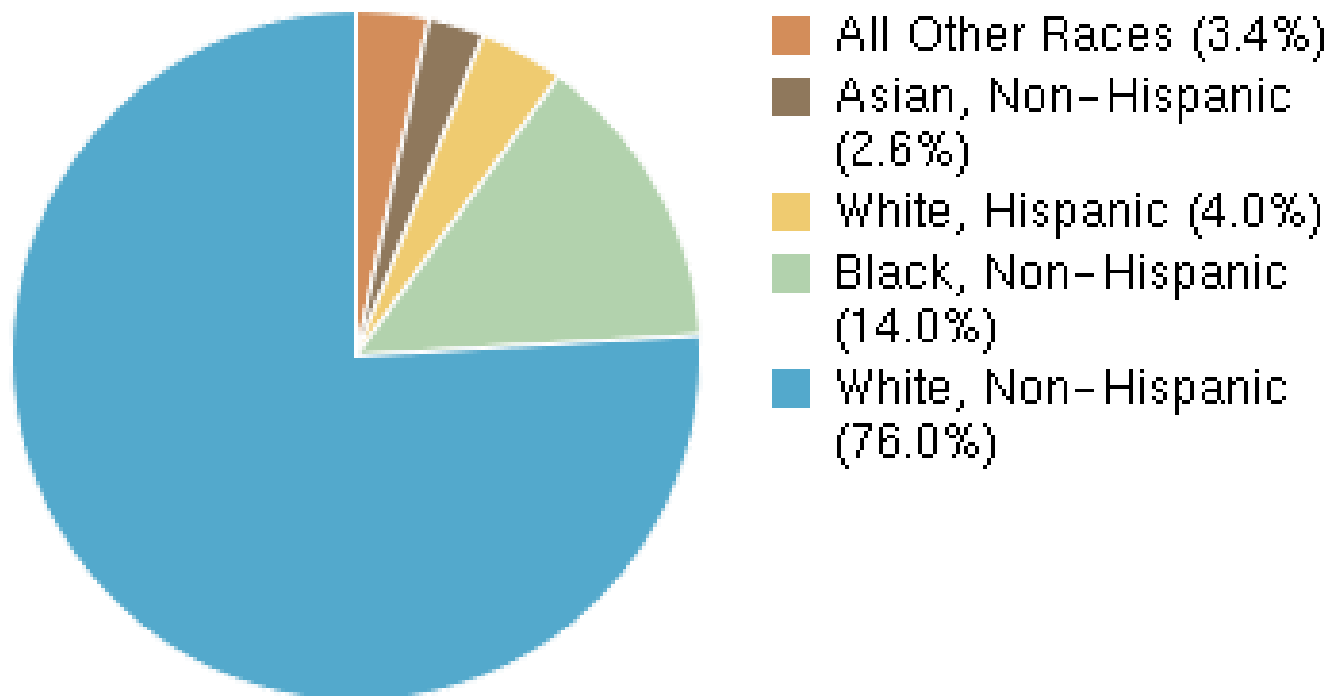
2013 Age Demographics



Growing/Declining Occupations

Occupation	Change in Jobs (2012-2013)
Combined Food Preparation and Serving Workers, Including Fast Food (35-3021)	4,766
Hairdressers, Hairstylists, and Cosmetologists (39-5012)	2,466
Home Health Aides (31-1011)	2,315
Postsecondary Teachers (25-1099)	-559
Door-to-Door Sales Workers, News and Street Vendors, and Related Workers (41-9091)	-782
Childcare Workers (39-9011)	-806

2013 Race Demographics



Growing/Declining Industries

Industry	Change in Jobs (2012-2013)
Limited-Service Restaurants (722211)	7,221
Home Health Care Services (621610)	2,951
Beauty Salons (812112)	2,859
Professional Employer Organizations (561330)	-2,281
Colleges, Universities, and Professional Schools (Private) (611310)	-2,430
State Government, Excluding Education and Hospitals (902999)	-2,843

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.