



Northwest Michigan Council of Governments

Benchmarks Northwest:

Education Indicators Report

Benchmarks Northwest is a citizen and policy makers' guide to assess and monitor quality of life issues in our regional community. The counties included in Benchmarks Northwest are: Antrim, Benzie, Charlevoix, Emmet, Grand Traverse, Kalkaska, Leelanau, Manistee, Missaukee, and Wexford. The community issues are categorized into the following areas of interest:

- Culture and Recreation
- Economy & Employment
- Education
- Government
- Health
- Infrastructure
- Natural Resources & Environment
- Population Dynamics

Each interest area has a regional report which are comprised of various indicators geared toward that issue. The indicators are generated from secondary data from a variety of sources, and represent a regional view. The indicators look at the region as a whole, the indicators do not examine local variations. Only annually reported data with historical numbers back to the year 2000 are used which provides a benchmark from which to measure change among indicators. Indicators measure percent change from the most currently available data back to the year 2000 benchmark as well as the year prior to the most recent data. Benchmarks Northwest will be updated annually with the benchmark year being updated to 2010 in coming editions as data permits. The ten reports do not offer any solutions and are presented in an objective manner as to build a foundation on which communities can base decisions.

The eight reports each give insight into aspects of quality of life in the region. However, Benchmarks Northwest reports should be taken as a whole in order to fully grasp the interconnectivity of issues impacting Northwest Lower Michigan.

Education Report

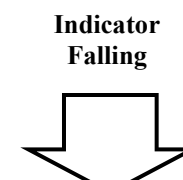
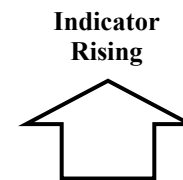
In 2010 a PhD recipient compared to a person with less than a high school degree was 7 times less likely to be unemployed and had over three times the median weekly earnings*. With these facts, it is hard to argue the value of a good education. The state of Michigan recognizes this and, spends the most tax revenue in the educational system. But how well does the northwest region of Michigan provide a secure future for its students? The following report has been put together in order to gauge where our region stands in various educational issues. The data presented have the following objectives:





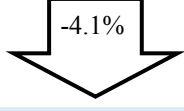
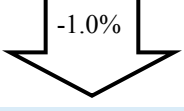

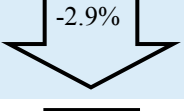
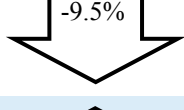

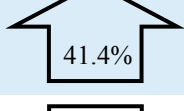
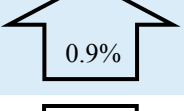
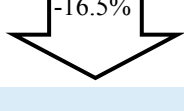
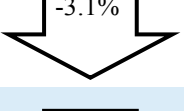
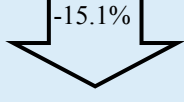
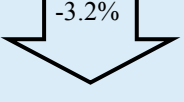
- Data are relevant and are from reputable sources;
- Indicators are from a broad range of education topics;
- Indicator data are reported annually;
- Indicators include year 2000 data as a common benchmark indicator;
- Include data year prior to most current as a year on end indicator;
- Data are available at a county level.

The following data are meant to provide a glimpse into where our region of Michigan stands in various education issues. Education has the most proven track record for economic success and should, as it is at the state level, be a top priority.

*United States Department of Labor, Bureau of Labor Statistics

Regional Education Report



Indicator	Benchmark Year Data (2000)	Data Prior to Most Recent (year)	Most Recent Data (year)	Percent Change From Year 2000 Benchmark	Percent Change from Year Prior
1. Total Students	55,792 (2000)	50,875 (2009)	50,869 (2010)	 -8.8% ('00 - '10)	 -0.01% ('09 - '10)
2. Population ages 5-19	60,672 (2000)	56,224 (2009)	55,839 (2010)	 -8.0% ('00 - '10)	 -0.7% ('09 - '10)
3. Population Under 5 Years of Age	16,936 (2000)	16,393 (2009)	16,237 (2010)	 -4.1% ('00 - '10)	 -1.0% ('09 - '10)
4. Total Teachers	3,180 (2000)	2,935 (2009)	2,851 (2010)	 -10.4% ('00 - '10)	 -2.9% ('09 - '10)
5. Total Staff	6,408 (2000)	5,983 (2009)	5,798 (2010)	 -9.5% ('00 - '10)	 -3.1% ('09 - '10)
6. Total Kindergarten Teachers	128 (2000)	179 (2009)	181 (2010)	 41.4% ('00 - '10)	 0.9% ('09 - '10)
7. Total Elementary School Teachers	1,203 (2000)	1,036 (2009)	1,004 (2010)	 -16.5% ('00 - '10)	 -3.1% ('09 - '10)
8. Total Secondary Teachers	1,519 (2000)	1,332 (2009)	1,289 (2010)	 -15.1% ('00 - '10)	 -3.2% ('09 - '10)

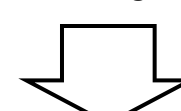
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Regional Education Report

Indicator
Rising



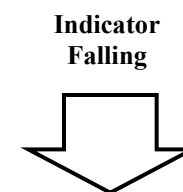
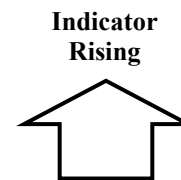
Indicator
Falling



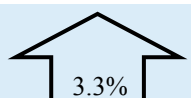
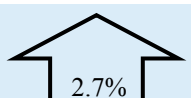
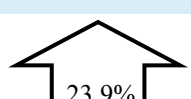
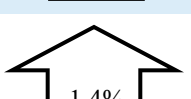
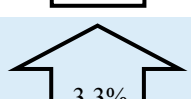
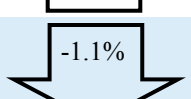
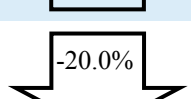
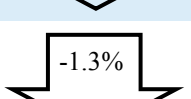
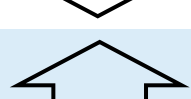

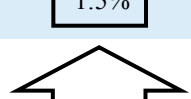

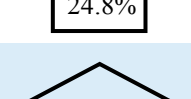



Indicator	Benchmark Year Data (2000)	Data Prior to Most Recent (year)	Most Recent Data (year)	Percent Change From Year 2000 Benchmark	Percent Change from Year Prior
9. Student/Teacher Ratio	17.5 (2000)	17.3 (2009)	17.8 (2010)	1.7% (‘00 - ‘10)	2.9% (‘09 - ‘10)
10. Total Diploma Recipients	3,764 (2000)	3,996 (2008)	3,822 (2009)	1.5% (‘00 - ‘09)	-4.4% (‘08 - ‘09)
11. Students Eligible for Free Lunch	12,578 (2000)	20,407 (2010)	20,973 (2011)	66.7% (‘00 - ‘11)	2.8% (‘10 - ‘11)
12. Students Eligible for Reduced Price Lunch	5,678 (2000)	3,954 (2010)	3,928 (2011)	-30.8% (‘00 - ‘11)	-0.7% (‘10 - ‘11)
13. Percent of Students Eligible for Free or Reduced Price Lunch	32.4% (2000)	49.9% (2010)	51.6% (2011)	59.5% (‘00 - ‘11)	3.6% (‘10 - ‘11)
14. Total School District General Revenue (Millions of Dollars)	\$435.4 (2000)	\$433.7 (2008)	\$432.5 (2009)	-0.7% (‘00 - ‘09)	-0.3% (‘08 - ‘09)
15. Total School District Expenditure (Millions of Dollars)	\$446.9 (2000)	\$414.9 (2008)	\$443.7 (2009)	-0.7% (‘00 - ‘09)	6.9% (‘08 - ‘09)
16. Percent of Total School District Revenue From Local Property Taxes (Millions of Dollars)	40.6% (2000)	53.4% (2008)	52.6% (2009)	29.5% (‘00 - ‘09)	-1.6% (‘08 - ‘09)

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Regional Education Report



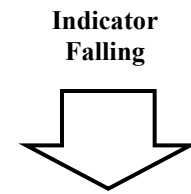
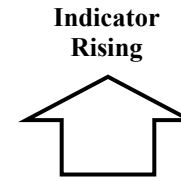
Indicator	Benchmark Year Data (2000)	Data Prior to Most Recent (year)	Most Recent Data (year)	Percent Change From Year 2000 Benchmark	Percent Change from Year Prior
17. Total Current Expenditures for Salaries (Millions of Dollars)	\$235.5 (2000)	\$203.9 (2008)	\$206.7 (2009)	 -12.2% (‘00 - ‘09)	 1.3% (‘08 - ‘09)
18. Total Current Expenditures For Instructors (Millions of Dollars)	\$226.0 (2000)	\$227.3 (2008)	\$227.2 (2008)	 3.3% (‘00 - ‘09)	 2.7% (‘08 - ‘09)
19. Total Current Expenditures For Benefits (Millions of Dollars)	\$84.4 (2000)	\$103.0 (2008)	\$104.5 (2009)	 23.9% (‘00 - ‘09)	 1.4% (‘08 - ‘09)
20. Student Support Service Expenditures (Millions of Dollars)	\$12.3 (2000)	\$12.8 (2008)	\$12.7 (2009)	 3.3% (‘00 - ‘09)	 -1.1% (‘08 - ‘09)
21. Administrative Expenses (Millions of Dollars)	\$11.5 (2000)	\$9.3 (2008)	\$9.2 (2009)	 -20.0% (‘00 - ‘09)	 -1.3% (‘08 - ‘09)
22. Transportation Expenses (Millions of Dollars)	\$19.8 (2000)	\$20.9 (2008)	\$20.1 (2009)	 1.5% (‘00 - ‘09)	 -3.6% (‘08 - ‘09)
23. Benefit Expenditures as Percent of Total Expenditures	18.9% (2000)	24.8% (2008)	23.6% (2009)	 24.8% (‘00 - ‘09)	 -5.1% (‘08 - ‘09)
24. Instructor Expenditures as Percent of Total Expenditures	50.6% (2000)	54.8% (2008)	52.6% (2009)	 4.0% (‘00 - ‘09)	 -4.0% (‘08 - ‘09)

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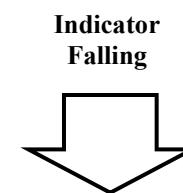
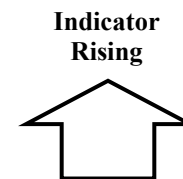
Regional Education Report




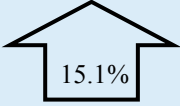


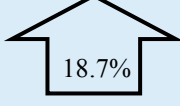
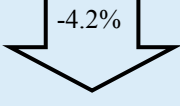
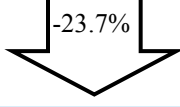
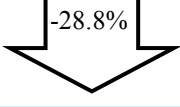
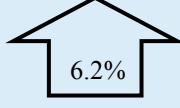
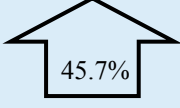
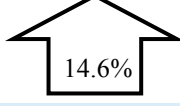
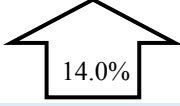
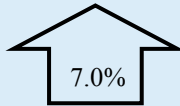



Indicator	Benchmark Year Data (2000)	Data Prior to Most Recent (year)	Most Recent Data (year)	Percent Change From Year 2000 Benchmark	Percent Change from Year Prior
25. Total School District Revenue From Local Property Taxes (Millions of Dollars)	\$176.8 (2000)	\$231.8 (2008)	\$227.4 (2009)	 28.6% ('00 - '09)	 -1.9% ('08 - '09)
26. Total School District Revenue From State Sources (Millions of Dollars)	\$238.1 (2000)	\$178.5 (2008)	\$165.9 (2009)	 -30.3% ('00 - '09)	 -7.1% ('08 - '09)
27. Total School District Revenue From Federal Sources (Millions of Dollars)	\$20.5 (2000)	\$23.4 (2008)	\$39.2 (2009)	 91.2% ('00 - '09)	 67.7% ('08 - '09)
28. State and Federal Funding for Special Education and Disabilities (Millions of Dollars)	\$9.8 (2000)	\$9.9 (2008)	\$9.6 (2009)	 -2.6% ('00 - '09)	 -3.3% ('08 - '09)
29. Long-Term Debt Outstanding (Millions of Dollars)	\$332.5 (2000)	\$354.4 (2008)	\$382.6 (2009)	 15.1% ('00 - '09)	 7.9% ('08 - '09)
30. Interest Paid on Indebtedness (Millions of Dollars)	\$19.4 (2000)	\$15.3 (2008)	\$23.4 (2009)	 20.8% ('00 - '09)	 53.0% ('08 - '09)
31. Interest Paid on Indebtedness As Percent of Total Expenditures	4.3% (2000)	3.7% (2008)	5.3% (2009)	 21.7% ('00 - '09)	 43.1% ('08 - '09)
32. Tuition Fees Paid by Parents and Pupils (Thousands of Dollars)	\$1,195.0 (2000)	\$387.1 (2008)	\$298.6 (2009)	 -75.0% ('00 - '09)	 -22.9% ('08 - '09)

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Indicator	Benchmark Year Data (2000)	Data Prior to Most Recent (year)	Most Recent Data (year)	Percent Change From Year 2000 Benchmark	Percent Change from Year Prior
33. Percent of Students with Significant Improvement in Math Performance	5.9% (2007)	4.0% (2010)	4.0% (2011)	 -31.9% (‘07 - ‘11)	 -0.2% (‘10 - ‘11)
34. Percent of Students with Improving Math Performance	32.8% (2007)	26.2% (2010)	30.2% (2011)	 -8.1% (‘07 - ‘11)	 15.1% (‘10 - ‘11)
35. Percent of Students With No Change in Math Performance	30.0% (2007)	31.8% (2010)	30.8% (2011)	 2.5% (‘07 - ‘11)	 -3.3% (‘10 - ‘11)
36. Percent of Students With a Decline in Math Performance	26.4% (2007)	32.7% (2010)	31.3% (2011)	 18.7% (‘07 - ‘11)	 -4.2% (‘10 - ‘11)
37. Percent of Students With a Significant Decline in Math Performance	4.9% (2007)	5.3% (2010)	3.8% (2011)	 -23.7% (‘07 - ‘11)	 -28.8% (‘10 - ‘11)
38. Percent of Students with Significant Improvement in Reading Performance	4.3% (2007)	3.1% (2010)	4.5% (2011)	 6.2% (‘07 - ‘11)	 45.7% (‘10 - ‘11)
39. Percent of Students with Improving Reading Performance	28.9% (2007)	29.0% (2010)	33.1% (2011)	 14.6% (‘07 - ‘11)	 14.0% (‘10 - ‘11)
40. Percent of Students With No Change in Reading Performance	28.3% (2007)	30.7% (2010)	30.3% (2011)	 7.0% (‘07 - ‘11)	 -1.4% (‘10 - ‘11)

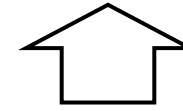
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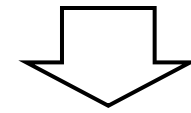
Northwest Michigan Council of Governments

Regional Education Report

Indicator
Rising



Indicator
Falling



Indicator	Benchmark Year Data (2000)	Data Prior to Most Recent (year)	Most Recent Data (year)	Percent Change From Year 2000 Benchmark	Percent Change from Year Prior
41. Percent of Students With a Decline in Reading Performance	31.8% (2007)	31.9% (2010)	28.6% (2011)	 -10.2% (‘07 - ‘11)	 -10.6% (‘10 - ‘11)
42. Percent of Students With a Significant Decline in Reading Performance	6.8% (2007)	5.2% (2010)	3.6% (2011)	 -47.4% (‘07 - ‘11)	 -31.8% (‘10 - ‘11)

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Indicator	Source	Notes
1	US Department of Education	National Center for Education Statistics, Common Core of Data
2-3	US Census Bureau	2009 data are American Community Survey Estimates
4-10	US Department of Education	National Center for Education Statistics, Common Core of Data
11-13	Michigan Center for Educational Performance and Information	
14-17	US Department of Education	National Center for Education Statistics, Common Core of Data. Dollar amounts are inflation adjusted to year 2000
18	US Department of Education	National Center for Education Statistics, Common Core of Data. Total Instructor Expenditures Include: Salaries, Benefits, Instructional Supplies and Purchased Services. Dollar amounts are inflation adjusted to year 2000
19	US Department of Education	National Center for Education Statistics, Common Core of Data. Dollar amounts are inflation adjusted to year 2000
20	US Department of Education	National Center for Education Statistics, Common Core of Data. Includes: attendance, social work, student accounting, counseling, student appraisal, information, record maintenance & placement survey. Dollar amounts are inflation adjusted to year 2000
21	US Department of Education	National Center for Education Statistics, Common Core of Data/ Includes: Expenditures for the office of the principal services. Dollar amounts are inflation adjusted to year 2000
22	US Department of Education	National Center for Education Statistics, Common Core of Data. Includes: Expenditures on vehicle operation, monitoring riders, & vehicle servicing and maintenance. Dollar amounts are inflation adjusted to year 2000
23-32	US Department of Education	National Center for Education Statistics, Common Core of Data. Dollar amounts are inflation adjusted to year 2000
33-42	Michigan Department of Education MEAP Assessment Results	2007 Was used as the benchmark Year Due to test Changes in 2005 Performance Level Change Data were used from the student progress data