



# Bay County Dashboard

*Health & Education*





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## Health & Education

More detailed information can be found in the [Annual Reports](#) on the Bay County Health Department website

From the Bay County Health Department	2015	2016	2017
Vaccine Doses Administered from the Immunization Program	5,064	4,830	3,530
Funds Spent Locally in Bay County from the WIC Program	\$1,689,014	\$1,654,184	\$1,653,600
• Project Fresh Coupons Distributed	3,330	3,670	2,000
Fixed Food Establishment Inspections by the Environmental Health Division	668	684	771
• Foodborne Illness Outbreak	8	9	7
Total Exceedences of Safe Bathing Beach Standards	14	8	10



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Deaths Trends in Bay County	2014	2015	2016
Number of deaths in Bay County	1,262	1,220	1,286
Leading Cause of Death - Heart Disease	378	411	459
Second Leading Cause of Death - Cancer	244	267	261
Third Leading Cause of Death – Chronic Lower Respiratory Disease	75	82	91

Death Trends in Michigan	2014	2015	2016
Number of Deaths in Michigan (rate per 100,000 citizens)	93,527	93,719	96,529
Leading Cause of Death - Heart Disease	24,572	24,364	25,304
Second Leading Cause of Death - Cancer	21,074	20,347	20,870
Third Leading Cause of Death – Chronic Lower Respiratory Disease	5,327	5,746	5,572

Source: Michigan Department of Community Health



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Nativity in Bay County		2014	2015	2016
Live Births		1,034	1,027	1,063
Teenage Mothers		61	64	58
Low Weight Births (less than 2,500 grams or about 5.512 pounds)		80	80	68
Under 1,500 grams (Approx. less than 3.3 pounds)		9	12	8
Less than 37 weeks Gestation		837	109	104
Prenatal Care began in 1 <sup>st</sup> Trimester		785	764	786
First Births		392	394	421
Infant Mortality in Bay County		2014	2015	2016
Infant Deaths		9	6	1

Source: Michigan Department of Community Health



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Access to Health Care / Insurance Coverage in Bay County		2015	2016	2017
<b>UNINSURED</b>				
• Adults		6.4%	6.5%	5.3%
• Uninsured Children		2.5%	3.7%	2.6%
<b>MEDICAID (Alone or in combination with other insurance)</b>				
• Adults		35.8%	39.5%	31.6%
• Children		39.6%	40%	43.4%
<b>MEDICARE (Alone )</b>		N/A	3.6%	4.2%
<b>VETERANS ADMINISTRATION (Alone or in combination with other insurance)</b>		3.3%	4.2%	3.9%



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Health Indicators in Bay County	2016	2016	2017	2017
<b>PHYSICIANS AND DENTISTS TO PATIENT RATIO</b>	Bay County Ratio	Top US Performers	Bay County Ratio	Top US Performers
• Physician to Patient Ratio	1,900:1	1,040:1	2,200:1	1,030:1
• Dentists to Patient Ratio	1,510:1	1,320:1	1,480:1	1,280:1
• Mental Health Care Provider to Patient Ratio	480:1	360:1	440:1	330:1



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Health Behaviors in Bay County	2015	2016	2017
Percentage of Adult Population that Smokes	23%	17%	19%
Percentage of Mothers that Smoke while Pregnant	30.3%	25.5%	27%
Obesity in the Population (Adult)	32%	35%	38%
Obesity in the Population (High Schools- 2015/2016)	17%	16.7%	Data N/A
Sufficient Adult Physical Activity	76%	74%	73%
Excessive Alcohol Intake	22%	21%	22%
<b>NUMBER OF SEXUALLY TRANSMITTED DISEASE CASES IN BAY COUNTY</b>	<b>376</b>	<b>393</b>	<b>527</b>
• Chlamydia	324	341	415
• Gonorrhea	49	50	109
• Syphilis	3	2	3

Sources: County Health Rankings, Michigan Department of Community Health, MIPHY Survey, Michigan Disease Surveillance System



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School Enrollment	2015	2016	2017
<b>TOTAL POPULATION ENROLLED IN SCHOOL (3 YEARS AND OVER)</b>	<b>24,212</b>	<b>24,334</b>	<b>23,402</b>
• Nursery school, Preschool	1,282	1,306	901
• Kindergarten	821	897	1,563
• Elementary School (grades 1-8)	10,968	11,004	10,171
• High School (grades 9-12)	4,781	4,803	4,791
• College or graduate school	6,360	6,324	5,976





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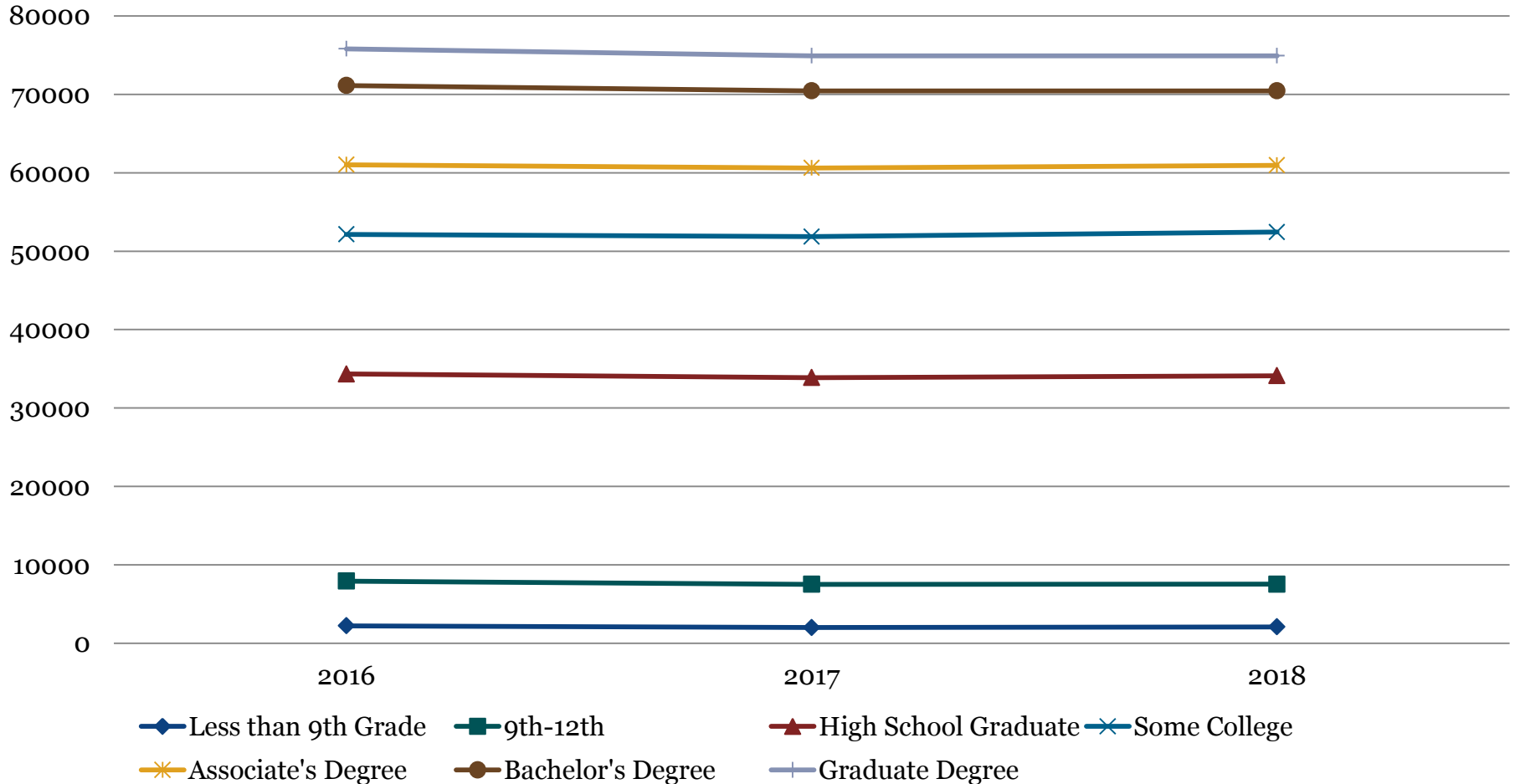
Educational Attainment	2016	2017	2018
Less than 9 <sup>th</sup> Grade	2,218	2,000	2,097
9 <sup>th</sup> to 12 <sup>th</sup> Grade, no Diploma	5,708	5,519	5,441
High School Graduate (includes equivalency)	26,419	26,350	26,580
Some College, no Degree	17,806	17,984	18,324
Associate's Degree	8,877	8,756	8,509
Bachelor's Degree	10,096	9,838	9,500
Graduate or Professional Degree	4,686	4,476	4,471



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### Educational Attainment



Source: Applied Geographic Solutions 2015, 2016 & 2017



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Education by Public School District	Bangor Township Schools		Bay City Public Schools		Essexville Hampton Public Schools		Pinconning Area Schools	
	2015- 2016	2016- 2017	2015- 2016	2016- 2017	2015- 2016	2016- 2017	2015- 2016	2016- 2017
Students Proficient in Math & Language Arts 3-8	26.3%	27.7%	25.4%	26.2%	29.3%	27.0%	31.4%	29.1%
Students Proficient on M-STEP (in all subjects)	21.3%	26.8%	24.1%	25.8%	27.6%	24.8%	17.6%	26.2%
SAT Total Score	978.5	978.4	991.2	987.2	1,006	1002.8	989.2	962.0
SAT College Readiness Benchmarks	27.2%	29.3%	32.9%	32.7%	35.4%	32.6%	28.6%	29.8%
Economically Disadvantaged Students	54.6%	56.7%	50.2%	53.3%	32.9%	37.3%	52.4%	56.7%
Free & Reduced Lunch Participation by Eligible Students	67.8%	59.7%	78.2%	78.6%	49.5%	57.5%	51.1%	55.6%
Average Class Size K-3	20.8	21.1	20.3	20.8	19.7	17.9	21.3	19.7
Graduation Rate <a href="#">(by Cohort)</a> (Does not include Adult Ed. or AH. Ed.)	86.4%	86.4%	83.6%	84.3%	86.9%	89.9%	78.9%	83.5%
Drop Out Rate <a href="#">(by Cohort)</a>	<5%	5.9%	6.3%	8.7%	7.59%	<5%	10.1%	9.1%
Annual Report Available Online	Yes		Yes		Yes		Yes	



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M-STEP High School Assessments (11 <sup>th</sup> Grade) (Total % of Students Proficient)	2016-2017	2017-2018
<b>BANGOR TOWNSHIP SCHOOLS</b>		
<ul style="list-style-type: none"> <li>Science</li> <li>Social Studies</li> </ul>	50% 50.6%	N/A 60.4%
<b>BAY CITY PUBLIC SCHOOLS</b>		
<ul style="list-style-type: none"> <li>Science</li> <li>Social Studies</li> </ul>	38.6% 44.9%	N/A 48.2%
<b>ESSEXVILLE-HAMPTON PUBLIC SCHOOLS</b>		
<ul style="list-style-type: none"> <li>Science</li> <li>Social Studies</li> </ul>	40.1% 51.9%	N/A 50.4%
<b>PINCONNING AREA PUBLIC SCHOOLS</b>		
<ul style="list-style-type: none"> <li>Science</li> <li>Social Studies</li> </ul>	28.2% 42.3%	N/A 49.4%



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College Readiness by School Year (% Met or Exceeded SAT)	2016-2017	2017-2018
<b>BANGOR TOWNSHIP SCHOOLS</b>		
<ul style="list-style-type: none"> <li>Evidence-Based Reading and Writing</li> <li>Mathematics</li> </ul>	58.1% 29.5%	54.6% 30.6%
<b>BAY CITY PUBLIC SCHOOLS</b>		
<ul style="list-style-type: none"> <li>Evidence-Based Reading and Writing</li> <li>Mathematics</li> </ul>	58.6% 35.4%	58.3% 34.1%
<b>ESSEXVILLE-HAMPTON PUBLIC SCHOOLS</b>		
<ul style="list-style-type: none"> <li>Evidence-Based Reading and Writing</li> <li>Mathematics</li> </ul>	66.1% 35.4%	66.7% 34.1%
<b>PINCONNING AREA PUBLIC SCHOOLS</b>		
<ul style="list-style-type: none"> <li>Evidence-Based Reading and Writing</li> <li>Mathematics</li> </ul>	59.3% 29.7%	50.0% 34.5%