



Bay County Dashboard

Health & Education





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

From the Bay County Health Department	2014	2015	2016
Vaccine Doses Administered from the Immunization Program	7,117	5,064	4,830
Funds Spent Locally in Bay County from the WIC Program	\$1,782,525.28	\$1,689,014	\$1,654,184
• Project Fresh Coupons Distributed	3,040	3,330	3,670
Fixed Food Establishment Inspections by the Environmental Health Division	711	668	684
• Foodborne Illness Outbreak	12	8	9
Total Exceedences of Safe Bathing Beach Standards	9	14	8



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Health & Education

Deaths Trends in Bay County	2013	2014	2015
Number of deaths in Bay County	1,159	1,262	1,220
Leading Cause of Death - Heart Disease	384	378	411
Second Leading Cause of Death - Cancer	257	244	267
Third Leading Cause of Death – Chronic Lower Respiratory Disease	81	75	82

Death Trends in Michigan	2013	2014	2015
Number of Deaths in Michigan (rate per 100,000 citizens)	92,463	93,527	93,719
Leading Cause of Death - Heart Disease	24,143	24,572	24,364
Second Leading Cause of Death - Cancer	20,395	21,074	20,347
Third Leading Cause of Death – Chronic Lower Respiratory Disease	5,547	5,327	5,746

Source: Michigan Department of Community Health



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Nativity in Bay County	2013	2014	2015
Live Births	1,042	1,034	1,027
Teenage Mothers	145	61	64
Low Weight Births (less than 2,500 grams or about 5.512 pounds)	73	80	80
Under 1,500 grams (Approx. less than 3.3 pounds)	11	9	12
Less than 37 weeks Gestation	112	837	109
Prenatal Care began in 1 st Trimester	834	785	764
First Births	427	392	394
Infant Mortality in Bay County	2013	2014	2015
Infant Deaths	2	9	6

Source: Michigan Department of Community Health



Bay County Dashboard

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Access to Health Care / Insurance Coverage in Bay County		2014	2015	2016
UNINSURED				
• Adults		8%	6.4%	6.5%
• Uninsured Children		3%	2.5%	3.7%
MEDICAID (Alone or in combination with other insurance)				
• Adults		24%	35.8%	39.5%
• Children		39%	39.6%	40%
MEDICARE (Alone)		24%	N/A	3.6%
VETERANS ADMINISTRATION (Alone or in combination with other insurance)		3%	9.1%	12.8%



Bay County Dashboard

Health & Education

Health Indicators in Bay County	2015	2015	2016	2016
PHYSICIANS AND DENTISTS TO PATIENT RATIO	Bay County Ratio	Top US Performers	Bay County Ratio	Top US Performers
• Physician to Patient Ratio	1,844:1	1,045:1	1,900:1	1,040:1
• Dentists to Patient Ratio	1,526:1	1,377:1	1,510:1	1,320:1
• Mental Health Care Provider to Patient Ratio	529:1	386:1	480:1	360:1



Bay County Dashboard

Health & Education

Health Behaviors in Bay County	2014	2015	2016
Percentage of Adult Population that Smokes	25%	23%	17%
Percentage of Mothers that Smoke while Pregnant	30.8%	N/A	25.5%
Obesity in the Population (Adult)	34%	32%	35%
Obesity in the Population (High Schools- 2015/2016)	15%	17%	16.7%
Sufficient Adult Physical Activity	74%	76%	74%
Excessive Alcohol Intake	22%	22%	21%
NUMBER OF SEXUALLY TRANSMITTED DISEASE CASES IN BAY COUNTY			
• Chlamydia	341	376	393
• Gonorrhea	314	324	341
• Syphilis	24	49	50
	3	3	2

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



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School Enrollment	2014	2015	2016
TOTAL POPULATION ENROLLED IN SCHOOL (3 YEARS AND OVER)	25,363	24,212	24,334
• Nursery school, Preschool	1,485	1,282	1,306
• Kindergarten	1,346	821	897
• Elementary School (grades 1-8)	10,329	10,968	11,004
• High School (grades 9-12)	5,541	4,781	4,803
• College or graduate school	6,662	6,360	6,324



Bay County Dashboard

Health & Education

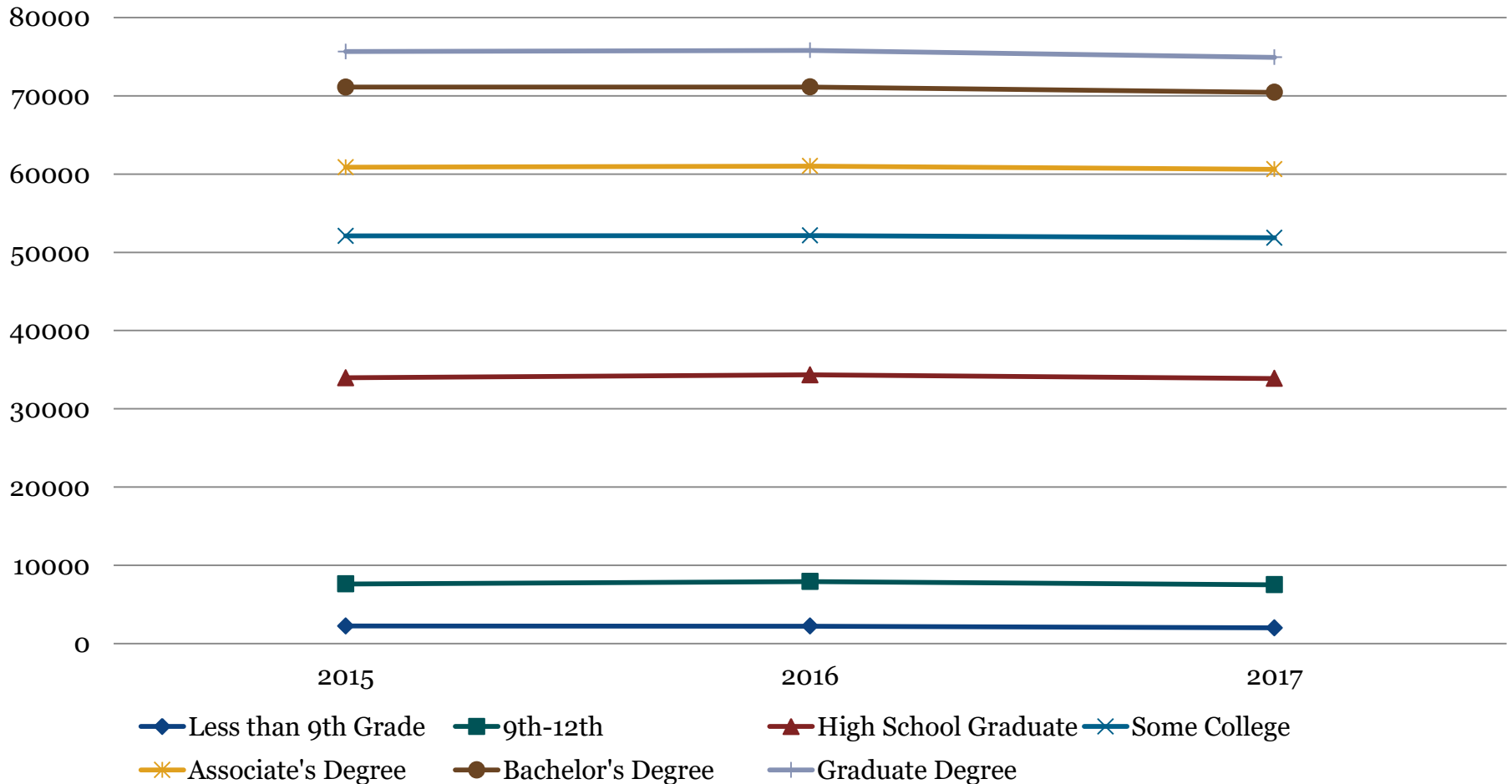
Educational Attainment	2015	2016	2017
Less than 9 th Grade	2,236	2,218	2,000
9 th to 12 th Grade, no Diploma	5,387	5,708	5,519
High School Graduate (includes equivalency)	26,340	26,419	26,350
Some College, no Degree	18,121	17,806	17,984
Associate's Degree	8,781	8,877	8,756
Bachelor's Degree	10,239	10,096	9,838
Graduate or Professional Degree	4,550	4,686	4,476



Bay County Dashboard

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Educational Attainment



Source: Applied Geographic Solutions 2015, 2016 & 2017



Bay County Dashboard

Health & Education

Education by Public School District	Bangor Township Schools		Bay City Public Schools		Essexville Hampton Public Schools		Pinconning Area Schools	
	2014- 2015	2015- 2016	2014- 2015	2015- 2016	2014- 2015	2015- 2016	2014- 2015	2015- 2016
Students Proficient in Math & Language Arts 3-8	26.4%	26.3%	26.4%	25.4%	30.4%	29.3%	31.6%	31.4%
Students Proficient on M-STEP (in all subjects)	16.7%	21.3%	14.5%	24.1%	37.3%	27.6%	39.4%	17.6%
SAT Total Score	984.3	978.5	1,010	991.2	1,026	1,006	1,007	989.2
SAT College Readiness Benchmarks	29.7%	27.2%	35.2%	32.9%	39.0%	35.4%	31.2%	28.6%
Economically Disadvantaged Students	52.1%	54.6%	48.5%	50.2%	31.3%	32.9%	55.5%	52.4%
Free & Reduced Lunch Participation by Eligible Students	77.8%	67.8%	79.9%	78.2%	62.2%	49.5%	61.1%	51.1%
Average Class Size K-3	20.4	20.8	20.3	20.3	18.5	19.7	19.7	21.3
Graduation Rate (by Cohort) (Does not include Adult Ed. or AH. Ed.)	97.3%	86.4%	79.5%	83.6%	88.7%	86.9%	81.8%	78.9%
Drop Out Rate (by Cohort)	1.1%	4.23%	9.3%	6.3%	4.2%	7.59%	9.5%	10.1%
Annual Report Available Online	Yes		Yes		Yes		Yes	



Bay County Dashboard

Health & Education

M-STEP High School Assessments (11 th Grade) (Total % of Students Proficient)	2015-2016	2016-2017
BANGOR TOWNSHIP SCHOOLS		
<ul style="list-style-type: none"> Science Social Studies 	43% 50.4%	50% 50.6%
BAY CITY PUBLIC SCHOOLS		
<ul style="list-style-type: none"> Science Social Studies 	36.6% 48%	38.6% 44.9%
ESSEXVILLE-HAMPTON PUBLIC SCHOOLS		
<ul style="list-style-type: none"> Science Social Studies 	40.6% 51.6%	40.1% 51.9%
PINCONNING AREA PUBLIC SCHOOLS		
<ul style="list-style-type: none"> Science Social Studies 	47.2% 48.1%	28.2% 42.3%



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College Readiness by School Year (% Met or Exceeded SAT)	2015-2016	2016-2017
BANGOR TOWNSHIP SCHOOLS		
<ul style="list-style-type: none"> Evidence-Based Reading and Writing Mathematics 	64.1% 31.6%	58.1% 29.5%
BAY CITY PUBLIC SCHOOLS		
<ul style="list-style-type: none"> Evidence-Based Reading and Writing Mathematics 	68.3% 38.2%	58.6% 35.4%
ESSEXVILLE-HAMPTON PUBLIC SCHOOLS		
<ul style="list-style-type: none"> Evidence-Based Reading and Writing Mathematics 	78.0% 40.7%	66.1% 35.4%
PINCONNING AREA PUBLIC SCHOOLS		
<ul style="list-style-type: none"> Evidence-Based Reading and Writing Mathematics 	63.3% 33.0%	59.3% 29.7%