



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	2019	2020	2021
Vaccine Doses Administered from the Immunization Program	4,341	2,339	2,359
COVID Vaccines Administered by the Health Department	N/A	251	37,558
Funds Spent Locally in Bay County from the WIC Program	\$1,401,419	\$1,255,760	\$1,299,272
<ul style="list-style-type: none"> Project Fresh Coupons Distributed 	925 (100% Issued)	955 (100% Issued)	685
Fixed Food Establishment Inspections by the Environmental Health Division	693	643	528
<ul style="list-style-type: none"> Foodborne Illness Outbreak 	12	0	0
Total Exceedences of Safe Bathing Beach Standards	19	3	6



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Deaths Trends in Bay County	2018	2019	2020
Number of deaths in Bay County	1,285	1,372	1,538
Leading Cause of Death - Heart Disease	384	386	360
Second Leading Cause of Death - Cancer	271	271	285
Third Leading Cause of Death – Chronic Lower Respiratory Disease (2018 & 2019)	89	85	-
Third Leading Cause of Death - COVID-19 (2020)	-	-	147

Source: Michigan Department of Health and Human Services



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Death Trends in Michigan	2018	2019	2020
Number of Deaths in Michigan (rate per 100,000 citizens)	98,985	99,095	117,087
Leading Cause of Death - Heart Disease	25,345	25,500	27,090
Second Leading Cause of Death - Cancer	21,025	20,865	21,118
Third Leading Cause of Death – Chronic Lower Respiratory Disease (2018, & 2019)	5,783	5,780	-
Third Leading Cause of Death – COVID -19 (2020)	-	-	11,362

Source: Michigan Department of Health and Human Services



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Nativity in Bay County	2018	2019	2020
Live Births	946	927	926
Teenage Mothers (less than 16 through 19)	55	40	46
Low Weight Births (less than 2,500 grams or about 5.512 pounds)	61	74	85
Under 1,500 grams (Approx. less than 3.3 pounds)	9	10	13
Less than 37 weeks Gestation (preterm)	84	82	99
Prenatal Care began in 1 st Trimester	678	644	623
First Births	371	361	372
Infant Mortality in Bay County	2018	2019	2020
Infant Deaths	4	5	5

Source: Michigan Department of Health and Human Services



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Access to Health Care / Insurance Coverage in Bay County		2018	2019	2020	2021
UNINSURED					
• Adults		8%	7%	8.7%	6.8%
• Uninsured Children		3%	3%	3.6%	1.6%
MEDICAID (Alone or in combination with other insurance)					
• Adults		18.2%	17.3%	18.8%	19.1%
• Children		42.3%	36.5%	40.4%	31.9%
MEDICARE (Alone)					
		3.8%	3.7%	3.7%	4.4%
VETERANS ADMINISTRATION (Alone or in combination with other insurance)					
		2.9%	2.9%	3.1%	3.6%



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Health Indicators in Bay County	2020	2020	2021	2021
PHYSICIANS AND DENTISTS TO PATIENT RATIO	Bay County Ratio	Top US Performers	Bay County Ratio	Top US Performers
• Physician to Patient Ratio	2,420:1	1,030:1	2,600:1	1,030:1
• Dentists to Patient Ratio	1,460:1	1,240:1	1,470:1	1,210:1
• Mental Health Care Provider to Patient Ratio	400:1	290:1	380:1	270:1



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Health Behaviors in Bay County	2019	2020	2021
Percentage of Adult Population that Smokes	19%	18%	21%
Percentage of Mothers that Smoke while Pregnant	20.9%	29.9%	-
Obesity in the Population (Adult)	36%	36%	36%
Sufficient Adult Physical Activity	74%	74%	74%
Excessive Alcohol Intake	20%	20%	22%
NUMBER OF SEXUALLY TRANSMITTED DISEASE CASES IN BAY COUNTY			
• Chlamydia	492	434	545
• Gonorrhea	383	332	396
• Syphilis	105	99	137
	4	3	12

Sources: County Health Rankings, Michigan Department of Health and Human Services, Michigan Disease Surveillance System



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School Enrollment	2018	2019	2020	2021
TOTAL POPULATION ENROLLED IN SCHOOL (3 YEARS AND OVER)	21,881	20,658	21,763	20,237
• Nursery school, Preschool	897	892	1,205	1,228
• Kindergarten	1,377	1,032	1,205	1,017
• Elementary School (grades 1-8)	9,185	8,507	9,114	8,754
• High School (grades 9-12)	6,142	5,874	5,415	5,054
• College, undergraduate years	3,900	3,792	4,288	3,593
• Graduate or Professional School	380	561	536	591

Sources: U.S. Census



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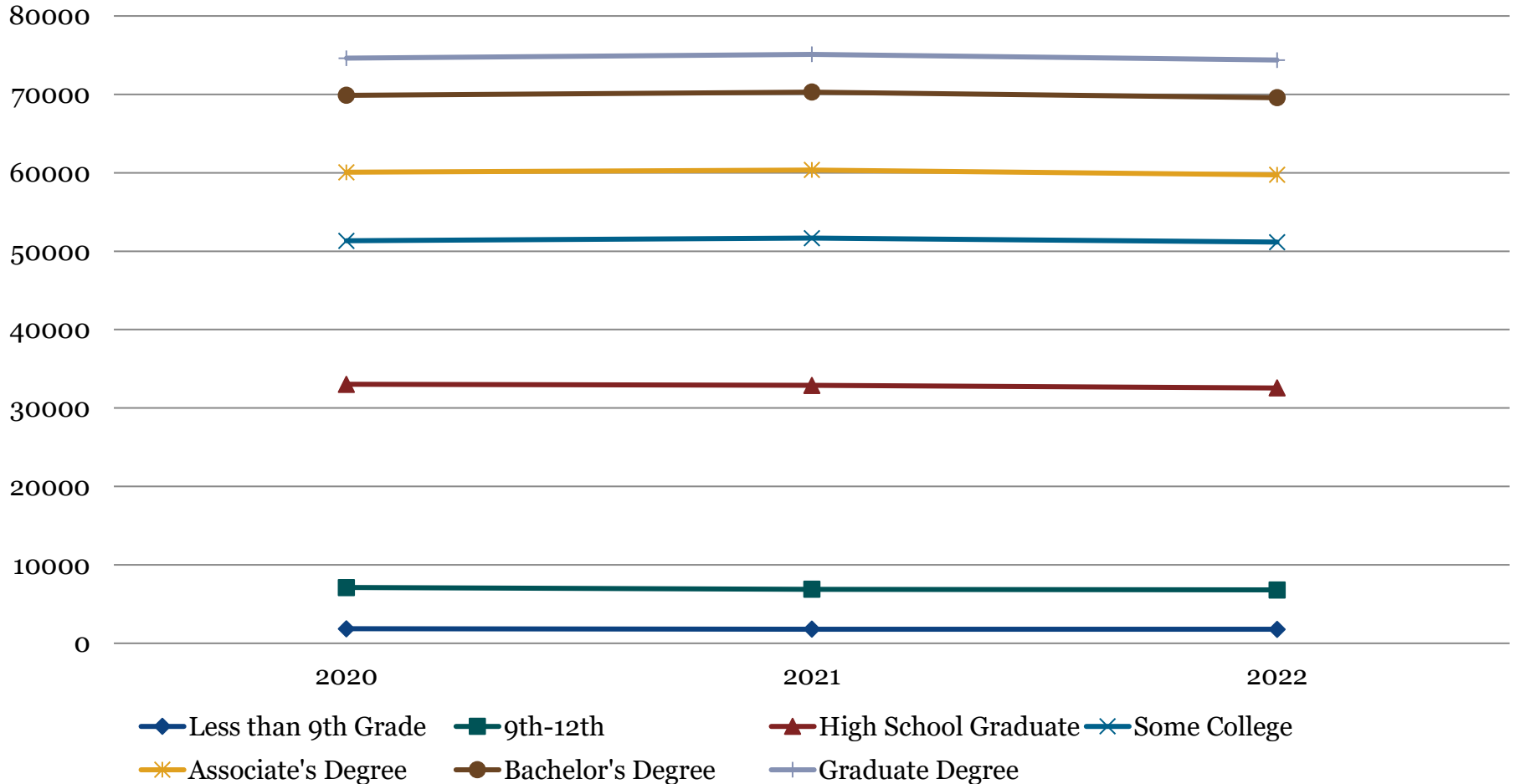
Educational Attainment	2020	2021	2022
Less than 9 th Grade	1,848	1,802	1,939
9 th to 12 th Grade, no Diploma	5,260	5,077	5,248
High School Graduate (includes equivalency)	25,910	26,044	25,937
Some College, no Degree	18,314	18,791	18,875
Associate's Degree	8,737	8,680	8,233
Bachelor's Degree	9,815	9,930	9,898
Graduate or Professional Degree	4,728	4,822	4,681



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Educational Attainment



Source: Applied Geographic Solutions 2020, 2021, & 2022



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Education by Public School District	Bangor Township Schools			Bay City Public Schools		
	2019-2020	2020-2021	2021-2022	2019-2020	2020-2021	2021-2022
Students Proficient in English Language Arts-end of 3 rd Grade	-	37.3%	37.1%	-	36.3%	33.9%
Students Proficient on M-STEP (in all subjects) 11 th Grade	-	-	-	-	-	-
SAT Total Score	-	1034.4	932.9	-	960.7	959.5
SAT College & Career Readiness Benchmarks	-	44.8%	17.8%	-	26.8%	26.4%
Economically Disadvantaged Students	54.0%	54%	52.4%	53.0%	53.3%	54.6%
Free & Reduced Lunch Participation by Eligible Students	75.0%	-	-	90.3%	-	-
Average Class Size K-3	19.6	19.6	17.9	16.9	16.9	16.7
4 Year Graduation Rate (by Cohort) (Does not include Adult Ed. or AH. Ed.)	87.25%	85.34%	-	83.36%	75.6%	-
Drop Out Rate (by Cohort)	<5%	<5%	-	5.66%	7.20%	-
Annual Report Available Online	Yes			Yes		

Sources: Michigan Department of Education, Annual District Reports



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Education by Public School District	Essexville Hampton Public Schools			Pinconning Area Schools		
	2019- 2020	2020- 2021	2021- 2022	2019- 2020	2020- 2021	2021- 2022
Students Proficient in English Language Arts-end of 3 rd Grade	-	28%	32.3%	-	29%	49.4%
Students Proficient on M-STEP (in all subjects) 11 th Grade	-	-	-	-	-	-
SAT Total Score	-	1001.4	969.9	-	957.4	983.7
SAT College & Career Readiness Benchmarks	-	27.3%	23.9%	-	30.8%	39.7%
Economically Disadvantaged Students	32.9%	32.9%	34.2%	60.6%	60.6%	57%
Free & Reduced Lunch Participation by Eligible Students	57.2%	-	-	71.2%	-	-
Average Class Size K-3	16.7	16.7	20.5	20.3	20.3	21.6
4 Year Graduation Rate (by Cohort) (Does not include Adult Ed. or AH. Ed.)	86.33%	90.0%	-	84%	85.22%	-
Drop Out Rate (by Cohort)	7.91%	<5%	-	9%	9.57%	-
Annual Report Available Online	Yes			Yes		



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M-STEP High School Assessments (11th Grade) (Total # of Students Advanced or Proficient/ total tested)	2021-2022
BANGOR TOWNSHIP SCHOOLS	
<ul style="list-style-type: none"> • Science • Social Studies 	80/169 66/169
BAY CITY PUBLIC SCHOOLS	
<ul style="list-style-type: none"> • Science • Social Studies 	199/448 179/447
ESSEXVILLE-HAMPTON PUBLIC SCHOOLS	
<ul style="list-style-type: none"> • Science • Social Studies 	51/105 42/105
PINCONNING AREA PUBLIC SCHOOLS	
<ul style="list-style-type: none"> • Science • Social Studies 	*/68 30/68



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College Readiness by District (% Met or Exceeded SAT Benchmark)	2021-2022
BANGOR TOWNSHIP SCHOOLS	
<ul style="list-style-type: none"> Evidence-Based Reading and Writing Mathematics 	<p>46%</p> <p>20.1%</p>
BAY CITY PUBLIC SCHOOLS	
<ul style="list-style-type: none"> Evidence-Based Reading and Writing Mathematics 	<p>52.9%</p> <p>27.9%</p>
ESSEXVILLE-HAMPTON PUBLIC SCHOOLS	
<ul style="list-style-type: none"> Evidence-Based Reading and Writing Mathematics 	<p>63.7%</p> <p>23.9%</p>
PINCONNING AREA PUBLIC SCHOOLS	
<ul style="list-style-type: none"> Evidence-Based Reading and Writing Mathematics 	<p>63.2%</p> <p>42.6%</p>