



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	2020	2021	2022
Vaccine Doses Administered from the Immunization Program	2,339	2,359	2,690
COVID Vaccines Administered by the Health Department	251	37,558	2,116
Funds Spent Locally in Bay County from the WIC Program	\$1,255,760	\$1,299,272	\$1,572,896
<ul style="list-style-type: none"> • Project Fresh Coupons Distributed 	955 (100% Issued)	685	955 (100% Issued)
Fixed Food Establishment Inspections by the Environmental Health Division	643	528	719
<ul style="list-style-type: none"> • Foodborne Illness Outbreak 	0	0	1
Total Exceedences of Safe Bathing Beach Standards	3	6	1



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Deaths Trends in Bay County	2019	2020	2021
Number of deaths in Bay County	1,372	1,538	1,562
Leading Cause of Death - Heart Disease	386	360	370
Second Leading Cause of Death - Cancer	271	271	274
Third Leading Cause of Death – Chronic Lower Respiratory Disease (2018 & 2019)	89	85	79
Third Leading Cause of Death - COVID-19 (2020)	-	147	220

Source: Michigan Department of Health and Human Services



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Death Trends in Michigan	2019	2020	2021
Number of Deaths in Michigan (rate per 100,000 citizens)	99,085	117,087	117,756
Leading Cause of Death - Heart Disease	25,500	27,090	26,651
Second Leading Cause of Death - Cancer	20,865	21,118	21,221
Third Leading Cause of Death – Chronic Lower Respiratory Disease (2018, & 2019)	5,780	-	5,217
Third Leading Cause of Death – COVID -19 (2020)	-	11,362	13,614

Source: Michigan Department of Health and Human Services



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Natality in Bay County		2019	2020	2021
Live Births		927	926	949
Teenage Mothers (less than 16 through 19)		40	46	38
Low Weight Births (less than 2,500 grams or about 5.512 pounds)		74	85	65
Under 1,500 grams (Approx. less than 3.3 pounds)		10	13	10
Less than 37 weeks Gestation (preterm)		82	99	78
Prenatal Care began in 1 st Trimester		678	644	722
First Births		371	361	372
Infant Mortality in Bay County		2019	2020	2021
Infant Deaths		5	4	5

Source: Michigan Department of Health and Human Services



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Access to Health Care / Insurance Coverage in Bay County		2019	2020	2021	2022
UNINSURED					
• Adults		7%	8.7%	6.8%	7.0%
• Uninsured Children		3%	3.6%	1.6%	.09%
MEDICAID (Alone or in combination with other insurance)					
• Adults		17.3%	18.8%	19.1%	19.2%
• Children		36.5%	40.4%	31.9%	45.0%
MEDICARE (Alone)					
		3.7%	3.7%	4.4%	4.2%
VETERANS ADMINISTRATION (Alone or in combination with other insurance)					
		2.9%	3.1%	3.6%	3.5%



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Health Indicators in Bay County	2022	2022	2023	2023
PHYSICIANS AND DENTISTS TO PATIENT RATIO	Bay County Ratio	Top US Performers	Bay County Ratio	Top US Performers
• Physician to Patient Ratio	2,580:1	1,310:1	2,400:1	1,310:1
• Dentists to Patient Ratio	1,510:1	1,400:1	1,450:1	1,380:1
• Mental Health Care Provider to Patient Ratio	360:1	350:1	360:1	340:1



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Health Behaviors in Bay County	2020	2021	2022
Percentage of Adult Population that Smokes	18%	21%	21%
Percentage of Mothers that Smoke while Pregnant	20.9%	20.5%	-
Obesity in the Population (Adult)	36%	36%	36%
Sufficient Adult Physical Activity	74%	74%	74%
Excessive Alcohol Intake	20%	22%	20%
NUMBER OF SEXUALLY TRANSMITTED DISEASE CASES IN BAY COUNTY			
• Chlamydia	434	545	370
• Gonorrhea	332	396	279
• Syphilis	99	137	83
	3	12	8

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	2022
TOTAL POPULATION ENROLLED IN SCHOOL (3 YEARS AND OVER)	21,881	20,658	21,763	20,237	19,377
• Nursery school, Preschool	897	892	1,205	1,228	969
• Kindergarten	1,377	1,032	1,205	1,017	1,024
• Elementary School (grades 1-8)	9,185	8,507	9,114	8,754	8,235
• High School (grades 9-12)	6,142	5,874	5,415	5,054	4,814
• College, undergraduate years	3,900	3,792	4,288	3,593	3,495
• Graduate or Professional School	380	561	536	591	840

Sources: U.S. Census



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Educational Attainment	2020	2021	2022	2023
Less than 9 th Grade	1,848	1,802	1,939	1,629
9 th to 12 th Grade, no Diploma	5,260	5,077	5,248	4,640
High School Graduate (includes equivalency)	25,910	26,044	25,937	25,558
Some College, no Degree	18,314	18,791	18,875	18,273
Associate's Degree	8,737	8,680	8,233	8,580
Bachelor's Degree	9,815	9,930	9,898	10,767
Graduate or Professional Degree	4,728	4,822	4,681	4,976

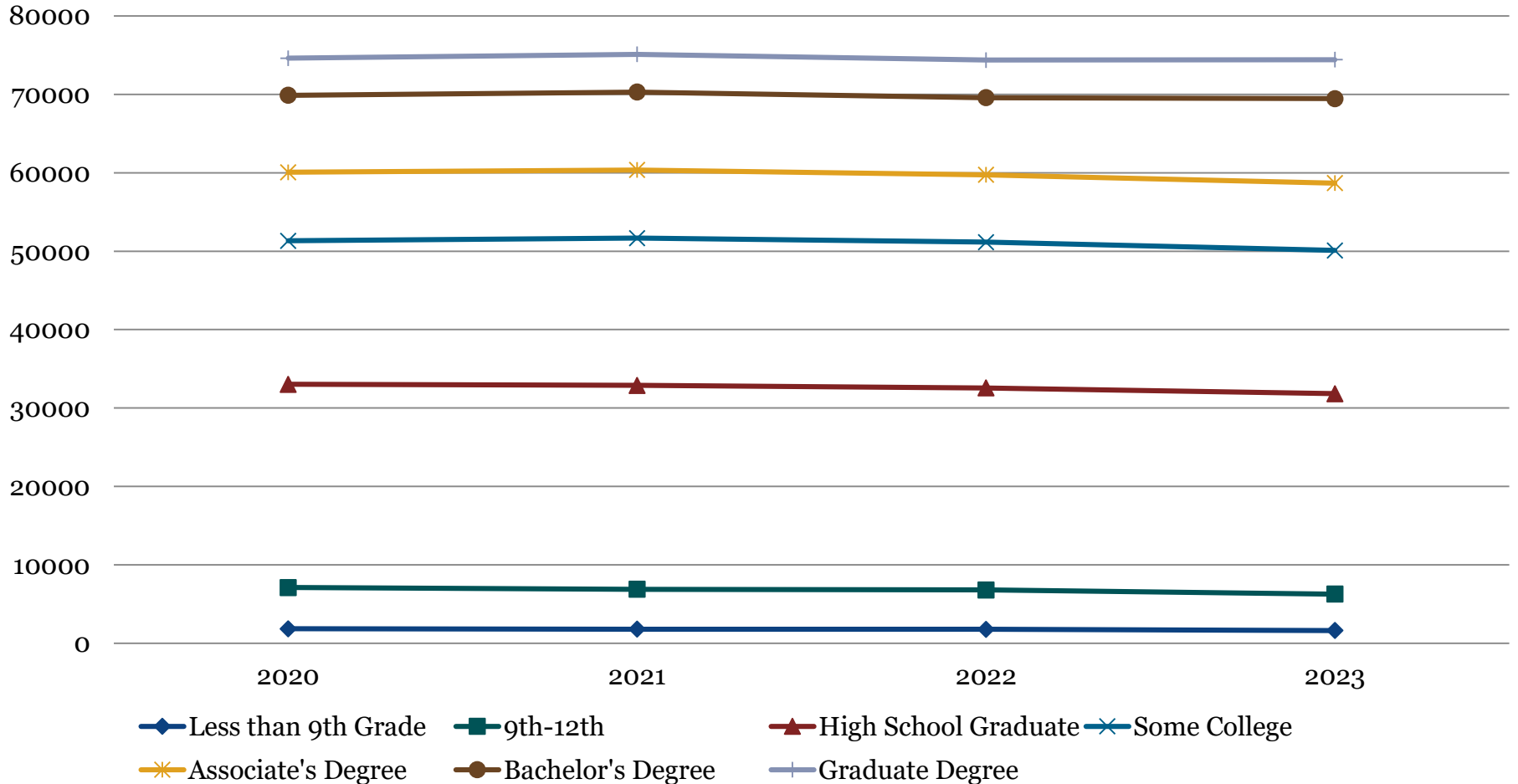
Source: Applied Geographic Solutions 2020, 2021, 2022, & 2023



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Educational Attainment



Source: Applied Geographic Solutions 2020, 2021, 2022, & 2023



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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%	83.13%	83.36%	75.6%	81.01%
Drop Out Rate (by Cohort)	<5%	<5%	<5%	5.66%	7.20%	8.19%
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%	>95%	84%	85.22%	85%
Drop Out Rate (by Cohort)	7.91%	<5%	<5%	9%	9.57%	7.50%
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	2022-2023
BANGOR TOWNSHIP SCHOOLS		
<ul style="list-style-type: none"> • Science • Social Studies 	80/169 66/169	108/233 70/232
BAY CITY PUBLIC SCHOOLS		
<ul style="list-style-type: none"> • Science • Social Studies 	199/448 179/447	177/462 161/460
ESSEXVILLE-HAMPTON PUBLIC SCHOOLS		
<ul style="list-style-type: none"> • Science • Social Studies 	51/105 42/105	45/99 28/98
PINCONNING AREA PUBLIC SCHOOLS		
<ul style="list-style-type: none"> • Science • Social Studies 	*/68 30/68	38/91 34/91

Source: Michigan Department of Education



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College Readiness by District (% Met or Exceeded SAT Benchmark)	2021-2022	2022-2023
BANGOR TOWNSHIP SCHOOLS		
<ul style="list-style-type: none"> Evidence-Based Reading and Writing Mathematics 	46% 20.1%	52.2% 29.9%
BAY CITY PUBLIC SCHOOLS		
<ul style="list-style-type: none"> Evidence-Based Reading and Writing Mathematics 	52.9% 27.9%	51.1% 23.8%
ESSEXVILLE-HAMPTON PUBLIC SCHOOLS		
<ul style="list-style-type: none"> Evidence-Based Reading and Writing Mathematics 	63.7% 23.9%	53.2% 17.1%
PINCONNING AREA PUBLIC SCHOOLS		
<ul style="list-style-type: none"> Evidence-Based Reading and Writing Mathematics 	63.2% 42.6%	56.0% 31.9%