

Health Indicators and Risk Estimates by  
Community Health Assessment Regions  
&  
Local Health Departments

State of Michigan

Selected Tables

Michigan Behavioral Risk Factor Surveillance System  
(Michigan BRFSS)

2018 - 2020

Lifecourse Epidemiology and Genomics Division  
Bureau of Epidemiology and Population Health  
Michigan Department of Health and Human Services

Prepared by: Yan Tian  
September 2021

This report has been modified from the original format to present data specific to the Branch Hillsdale St. Joseph Community Health Agency. The complete report is located at [2018 - 2020 Michigan BRFSS Regional and Local Health Department Estimates - 2018-2020\\_MiBRFSS\\_Reg\\_LHD\\_Tables\\_737681\\_7.pdf](#)

*2018-2020 Michigan BRFSS Regional & Local Health Department Estimates  
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## **Introduction**

The Michigan Behavioral Risk Factor Survey (MiBRFS) is an annual, statewide telephone survey of Michigan adults aged 18 years and older that is conducted through a collaborative effort among the Population Health Surveillance Branch (PHSB) of the Centers for Disease Control and Prevention (CDC), the Michigan State University Institute for Public Policy and Social Research (IPPSR), and the Michigan Department of Health and Human Services. Michigan BRFSS data contribute to the national Behavioral Risk Factor Surveillance System that is managed by the PHSB at the CDC.

State-specific, population-based prevalence estimates (and asymmetric 95% confidence intervals) of health risk behaviors, preventive health practices, and chronic conditions are calculated using annual data sets (see Annual Tables at the MiBRFSS website [<http://www.michigan.gov/brfs>]). However, region-specific and local health department-specific prevalence rates are usually computed using BRFSS data combined across years.

For this report, data from the 2018-2020 Michigan BRFSS were combined. The total sample sizes by year were: 10,322 in 2018, 10,518 in 2019, and 7,269 in 2020. Not all questions were included annually in the survey. The table subtitles indicate which years were used for that particular analysis.

For the 2018 through 2020 Michigan Behavioral Risk Factor Surveys, the sample of land line telephone numbers that were utilized for data collection was selected using a list-assisted, random-digit-dialed methodology with a disproportionate stratification based on phone bank density, and whether or not the phone numbers were directory listed. The sample of cell phone numbers used within each survey year was randomly selected from dedicated cellular telephone banks sorted on the basis of area code and exchange within the State of Michigan.

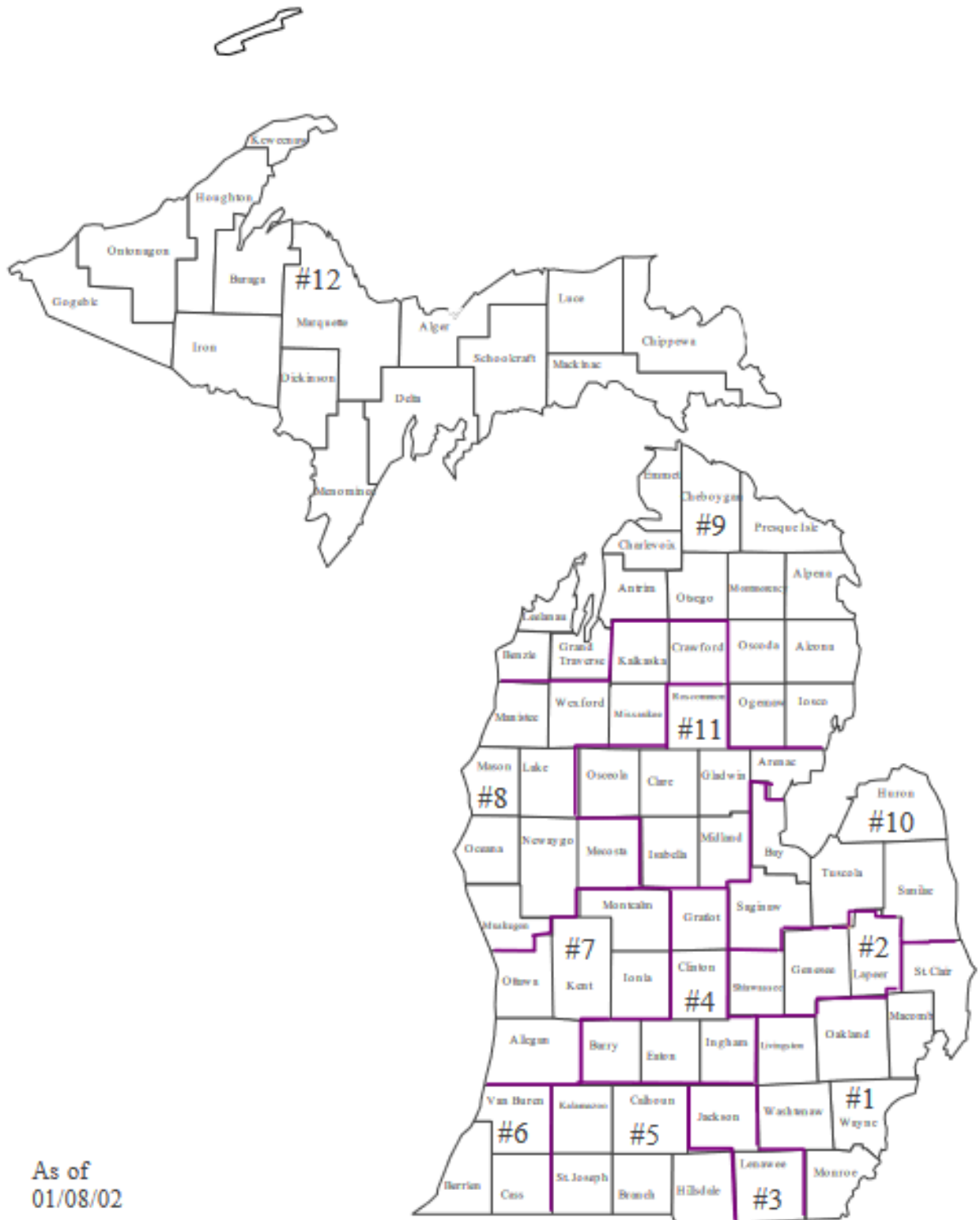
Iterative proportional fitting or raking was the weighting methodology used to make the 2018-2020 Michigan BRFSS data representative of the current Michigan adult population. Estimates based on this methodology were weighted to adjust for the probabilities of selection and a raking adjustment factor that adjusted for the distribution of Michigan adults by telephone source (land line vs. cell phone), detailed race/ethnicity, education level, marital status, age by gender, gender by race/ethnicity, age by race/ethnicity, and renter/owner status. No additional weighting factors were computed at the regional or local health department (LHD) level, thus the weights used might not always provide accurate regional and/or LHD estimates, particularly when regional and/or LHD demographic distributions vary greatly from that of the state.

Population-based prevalence estimates and asymmetric 95% confidence intervals were calculated for indicators of health status, health risk behaviors, clinical preventive practices, and chronic conditions among the overall adult population in Michigan, as well as at the regional and local health department level. All analyses were performed in SAS-Callable SUDAAN®, a statistical computing program that was designed for complex sample surveys. In an effort to provide the most reliable information possible, prevalence estimates are suppressed if they are based on a denominator of less than 50 respondents or have a relative standard error of greater than 30%. Comparisons between estimates with non-overlapping 95% confidence intervals should be considered significantly different.

Due to the BRFSS methodology changes that took place in 2011, the estimates provided within the following tables should not be compared to Michigan BRFSS estimates from years prior to 2011.

If you have any questions regarding any of the estimates within the following tables, please contact Yan Tian at [TianY@michigan.gov](mailto:TianY@michigan.gov).

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As of  
01/08/02

**Local Health Departments  
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<b>Table 1: Health Status</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	General Health, Fair or Poor: The proportion of adults who reported that their health, in general, was either fair or poor.		
	N	%	95% Confidence Interval
Michigan Total	28,058	17.9	(17.3-18.5)
Region 5	1,403	18.8	(16.1-21.8)
Branch Hillsdale St. Joseph	404	22.4	(17.3-28.5)

<b>Table 2: Poor Physical Health on at Least 14 Days in the Past Month</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	Poor Physical Health: The proportion of adults who reported 14 or more days, out of the previous 30, on which their physical health was not good, which includes physical illness and injury.		
	N	%	95% Confidence Interval
Michigan Total	27,591	13.2	(12.6-13.7)
Region 5	1,372	14.2	(11.9-16.9)
Branch Hillsdale St. Joseph	396	15.4	(11.0-21.1)

<b>Table 3: Poor Mental Health on at Least 14 Days in the Past Month</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	Poor Mental Health: The proportion of adults who reported 14 or more days, out of the previous 30, on which their mental health was not good, which includes stress, depression, and problems with emotions.		
	N	%	95% Confidence Interval
Michigan Total	27,670	15.4	(14.8-16.0)
Region 5	1,384	17.9	(15.2-21.0)
Branch Hillsdale St. Joseph	395	16.6	(11.9-22.7)

<b>Table 4: Activity Limitation on at Least 14 Days in the Past Month</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	Activity Limitation: The proportion of adults who reported 14 or more days, out of the previous 30, on which either poor physical health or poor mental health kept them from doing their usual activities, such as self-care, work, and recreation.		
	N	%	95% Confidence Interval
Michigan Total	27,839	9.7	(9.3-10.2)
Region 5	1,391	10.5	(8.3-13.2)
Branch Hillsdale St. Joseph	399	11.2	(7.4-16.7)

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<b>Table 5: Disability</b>			
Michigan BRFSS, 2019 and 2020 Combined			
<b>Geographical Area</b>	<b>Disability:</b> Among all adults, the proportion who reported having serious difficulty hearing, visual impairment, difficulty concentrating, remembering, or making decisions, difficulty walking or climbing stairs, difficulty dressing or bathing, or difficulty doing errands alone.		
	N	%	95% Confidence Interval
Michigan Total	17,234	29.0	(28.1-29.9)
Region 5	883	25.8	(20.8-31.5)
Branch Hillsdale St. Joseph	251	41.3	(33.7-49.4)

<b>Table 6: Weight Status</b>			
Michigan BRFSS, 2018-2020 Combined			
BMI, body mass index, is defined as weight (in kilograms) divided by height (in meters) squared [weight in kg/(height in meters) <sup>2</sup> ]. Weight and height were self-reported. Pregnant women were excluded.			
<b>Geographical Area</b>	<b>Sample Size</b>	<b>Healthy Weight:</b> The proportion of adults whose BMI was greater than or equal to 18.5, but less than 25.0.	
	N	%	95% Confidence Interval
Michigan Total	26,203	29.0	(28.3-29.8)
Region 5	1,327	27.5	(24.5-30.6)
Branch Hillsdale St. Joseph	380	22.8	(18.0-28.5)
<b>Geographical Area</b>	<b>Sample Size</b>	<b>Overweight:</b> The proportion of adults whose BMI was greater than or equal to 25.0, but less than 30.0.	
	N	%	95% Confidence Interval
Michigan Total	26,203	34.5	(33.7-35.3)
Region 5	1,327	33.9	(30.8-37.1)
Branch Hillsdale St. Joseph	380	39.3	(33.4-45.4)
<b>Geographical Area</b>	<b>Sample Size</b>	<b>Obese:</b> The proportion of adults whose BMI was greater than or equal to 30.0.	
	N	%	95% Confidence Interval
Michigan Total	26,203	37.3	(34.0-35.5)
Region 5	1,327	33.9	(34.0-40.7)
Branch Hillsdale St. Joseph	380	37.0	(31.0-43.5)

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<b>Table 7: No Health Care Coverage Among Those Aged 18-64 Years</b> Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	No Health Care Coverage: Among adults aged 18-64 years, the proportion who reported having no health care coverage, including health insurance, prepaid plans such as HMOs, or government plans, such as Medicare.		
	N	%	95% Confidence Interval
Michigan Total	17,819	9.5	(8.9-10.1)
Region 5	870	10.3	(8.2-12.9)
Branch Hillsdale St. Joseph	231	12.0	(7.8-18.0)

<b>Table 8: Health Care Access</b> Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	No Personal Health Care Provider: The proportion of adults who reported that they did not have anyone that they thought of as their personal doctor or health care provider.		
	N	%	95% Confidence Interval
Michigan Total	27,929	14.6	(14.0-15.3)
Region 5	1,394	15.6	(13.3-18.3)
Branch Hillsdale St. Joseph	402	13.8	(10.0-17.5)
<b>Geographical Area</b>	No Health Care Access During Past 12 Months Due to Cost: The proportion of adults who reported that in the past 12 months there was a time when they needed to see a doctor but could not due to the cost.		
	N	%	95% Confidence Interval
Michigan Total	28,038	10.5	(10.0-11.0)
Region 5	1402	10.5	(8.4-13.0)
Branch Hillsdale St. Joseph	404	12.1	(8.1-17.5)

<b>Table 9: No Leisure Time Physical Activity</b> Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	No Leisure Time Physical Activity: The proportion of adults who reported not participating in any leisure time physical activities or exercises such as running, calisthenics, golf, gardening, or walking during the past month.		
	N	%	95% Confidence Interval
Michigan Total	27,762	23.3	(22.7-24.0)
Region 5	1,397	26.6	(23.7-29.7)
Branch Hillsdale St. Joseph	402	27.3	(22.1-33.1)



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<b>Table 10: Cigarette Smoking</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	<b>Sample Size</b>	<b>Never Smoked</b>	
	<b>N</b>	<b>%</b>	<b>95% Confidence Interval</b>
Michigan Total	27,183	54.6	(53.9-55.4)
Region 5	1,372	51.4	(48.0-54.7)
Branch Hillsdale St. Joseph	395	50.7	(44.5-56.8)
<b>Geographical Area</b>	<b>Sample Size</b>	<b>Former Smoking: The proportion of adults who reported that they had ever smoked at least 100 cigarettes (five packs) in their life, but they do not smoke cigarettes now.</b>	
	<b>N</b>	<b>%</b>	<b>95% Confidence Interval</b>
Michigan Total	27,183	26.7	(26.0-27.4)
Region 5	1,372	26.4	(23.6-29.3)
Branch Hillsdale St. Joseph	395	23.2	(18.8-28.3)
<b>Geographical Area</b>	<b>Sample Size</b>	<b>Current Smoking: The proportion of adults who reported that they had ever smoked at least 100 cigarettes (five packs) in their life and that they smoke cigarettes now, either every day or on some days.</b>	
	<b>N</b>	<b>%</b>	<b>95% Confidence Interval</b>
Michigan Total	27,183	18.6	(18.0-19.3)
Region 5	1,372	22.3	(19.3-25.5)
Branch Hillsdale St. Joseph	395	26.1	(20.6-32.5)
<b>Geographical Area</b>	<b>Sample Size</b>	<b>Current Hookah Use: Among all adults, the proportion who reported smoking tobacco using a hookah, narghile, or water pipe on one or more days during the previous thirty days.</b>	
Emergency Preparedness Region: BHSJ resides in 2 EP districts, Regions 1 (Hillsdale) and 5 (Branch & St. Joseph). The data included is Region 5 information.			
	<b>N</b>	<b>%</b>	<b>95% Confidence Interval</b>
Michigan Total	7,269	3.0	(2.7-3.4)
Region 5		2.9	(1.9-4.4)

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<b>Table 11: Alcohol Consumption</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	<b>Sample Size</b>	<b>Any Alcohol in the Past Month:</b> Among all adults, the proportion who reported consuming at least one drink of any alcoholic beverage in the previous month.	
	N	%	95% Confidence Interval
Michigan Total	27,067	56.0	(55.2-56.8)
Region 5	1,369	51.4	(48.1-54.8)
Branch Hillsdale St. Joseph	394	45.1	(39.1-51.2)
<b>Geographical Area</b>	<b>Sample Size</b>	<b>Heavy Drinking:</b> Among all adults, the proportion who reported consuming an average of more than two alcoholic drinks per day for men or more than one per day for women in the previous month.	
	N	%	95% Confidence Interval
Michigan Total	27,067	6.5	(6.1-6.9)
Region 5	1,369	6.6	(5.1-8.5)
Branch Hillsdale St. Joseph	394	4.8	(2.7-8.6)
<b>Geographical Area</b>	<b>Sample Size</b>	<b>Binge Drinking:</b> Among all adults, the proportion who reported consuming five or more drinks per occasion (for men) or 4 or more drinks per occasion (for women) at least once in the previous month.	
	N	%	95% Confidence Interval
Michigan Total	27,067	17.9	(17.3-18.5)
Region 5	1,369	16.8	(14.4-19.5)
Branch Hillsdale St. Joseph	394	14.4	(10.4-19.5)
<b>Geographical Area</b> Emergency Preparedness Region: BHSJ resides in 2 EP districts, Regions 1 (Hillsdale) and 5 (Branch & St. Joseph). The data included is Region 5 information.	<b>Sample Size</b>	<b>Number of Binge Drinking Occasions during the Past Month among Binge Drinkers:</b> Among adults who binge drank in the past month, the mean number of times which five or more alcoholic beverages (for men) or four or more (for women) were consumed during the past month.	
	N	%	95% Confidence Interval
Michigan Total	7,269	4.9	(4.6-5.1)
Region 5		4.9	(4.1-5.8)

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<b>Table 12: Seatbelt Use</b> Michigan BRFS, 2018 and 2020 Combined			
<b>Geographical Area</b>	Always Uses a Seatbelt: The proportion of adults who reported always using a seatbelt when driving or riding in a car.		
	N	%	95% Confidence Interval
Michigan Total	16,940	89.1	(88.4-89.8)
Region 5	918	89.7	(86.7-92.1)
Branch Hillsdale St. Joseph	260	86.2	(79.2-91.1)

<b>Table 13: No Routine Checkup in Past Year</b> Michigan BRFS, 2018-2020 Combined			
<b>Geographical Area</b>	Had No Routine Checkup in Past Year: The proportion of adults who reported that they did not have a routine checkup in the past year.		
	N	%	95% Confidence Interval
Michigan Total	27,799	21.2	(20.6-21.9)
Region 5	1382	21.3	(18.5-24.3)
Branch Hillsdale St. Joseph	398	21.3	(16.8-26.7)

<b>Table 14: Breast Cancer Screening Among Women 40 Years and Older</b> Michigan BRFS, 2018 and 2020 Combined			
<b>Geographical Area</b>	Had Mammogram in Past Two Years: Among women aged 40 years and older, the proportion who reported having a mammogram in the past two years.		
	N	%	95% Confidence Interval
Michigan Total	3,021	72.7	(70.5-74.7)
Region 5	183	70.6	(62.0-78.0)
Branch Hillsdale St. Joseph	54	64.6	(48.1-78.3)

<b>Table 15: Cervical Cancer Screening Among Women 18 Years and Older</b> Michigan BRFS, 2018 and 2020 Combined			
<b>Geographical Area</b>	Had Appropriately Timed Pap Test: Among women aged 18 years and older, the proportion who reported having a Pap test within the previous three years.		
	N	%	95% Confidence Interval
Michigan Total	1,806	79.2	(76.7-81.4)
Region 5	103	75.6	(64.8-84.0)
Branch Hillsdale St. Joseph	--	--	Suppressed due to a denominator < 50 and/or a relative standard error > 30%.

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<b>Table 16: Prostate Cancer Screening Among Men 50 Years and Older</b> Michigan BRFSS, 2018 and 2020 Combined			
<b>Geographical Area</b>	Had PSA Test in Past Year: Among men aged 50 years and older, the proportion who reported having a Prostate-Specific Antigen (PSA) test within the past year.		
	N	%	95% Confidence Interval
Michigan Total	1,730	32.9	(30.2-35.7)
Region 5	104	26.2	(17.8-36.7)
Branch Hillsdale St. Joseph	--	--	Suppressed due to a denominator < 50 and/or a relative standard error > 30%.

<b>Table 17: Colorectal Cancer Screening Among Adults 50 Years and Older</b> Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	Appropriate Colorectal Cancer Screening: Among adults aged 50 years and older, the proportion who had either a fecal occult blood test within the past year, a sigmoidoscopy within the past five years, or a colonoscopy within the past ten years.		
	N	%	95% Confidence Interval
Michigan Total	4,353	75.6	(73.9-77.3)
Region 5	260	78.2	(71.8-83.6)
Branch Hillsdale St. Joseph	82	76.5	(64.2-85.5)

<b>Table 18: Oral Health</b> Michigan BRFSS, 2018 and 2020 Combined			
<b>Geographical Area</b>	No Dental Visit in Past Year: The proportion of adults who reported that they had not visited a dentist or dental clinic for any reason in the past year		
	N	%	95% Confidence Interval
Michigan Total	7,210	30.8	(29.3-32.2)
Region 5	430	34.4	(28.8-40.4)
Branch Hillsdale St. Joseph	117	31.8	(22.4-42.9)
<b>Geographical Area</b>	6+ Teeth Missing: The proportion of adults who reported that they were missing 6+ teeth due to tooth decay or gum disease. This excludes teeth lost for other reasons, such as injury or orthodontics.		
	N	%	95% Confidence Interval
Michigan Total	7,120	14.9	(13.9-16.1)
Region 5	434	19.6	(15.2-24.8)
Branch Hillsdale St. Joseph	120	27.4	(19.0-37.9)

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<b>Table 19: Immunizations Among Adults Aged 65 Years and Older</b>			
Michigan BRFS, 2018-2020 Combined			
<b>Geographical Area</b>	Had Flu Vaccine in Past Year: Among adults aged 65 years and older, the proportion who reported that they had a flu vaccine, either by an injection in the arm or sprayed in the nose during the past 12 months.		
	N	%	95% Confidence Interval
Michigan Total	9,472	61.6	(60.3-62.9)
Region 5	511	60.2	(54.8-65.3)
Branch Hillsdale St. Joseph	165	58.9	(49.8-67.5)
<b>Geographical Area</b>	Ever Had Pneumonia Vaccine: Among adults aged 65 years and older, the proportion who reported that they ever had a pneumococcal vaccine.		
	N	%	95% Confidence Interval
Michigan Total	9,204	72.8	(71.6-74.1)
Region 5	492	71.1	(65.7-78.5)
Branch Hillsdale St. Joseph	165	69.4	(60.4-77.1)

<b>Table 20: HIV Testing Among Adults Aged 18-64 Years</b>			
Michigan BRFS, 2018-2020 Combined			
<b>Geographical Area</b>	Ever Had an HIV Test: Among adults aged 18 - 64 years, the proportion who reported that they ever had been tested for HIV, apart from tests that were part of a blood donation. Note: "Don't know" was considered a valid response.		
	N	%	95% Confidence Interval
Michigan Total	16,211	45.5	(44.5-46.5)
Region 5	797	45.5	(41.3-49.8)
Branch Hillsdale St. Joseph	211	37.8	(30.4-45.8)

<b>Table 21: Asthma</b>			
Michigan BRFS, 2018-2020 Combined			
<b>Geographical Area</b>	Ever Told Have Asthma: The proportion of adults who reported that they were ever told by a doctor, nurse, or other health care professional that they had asthma.		
	N	%	95% Confidence Interval
Michigan Total	27,999	15.9	(15.3-16.5)
Region 5	1,402	17.9	(15.4-20.6)
Branch Hillsdale St. Joseph	402	17.8	(13.6-23.0)
<b>Geographical Area</b>	Still Have Asthma: Among all adults, the proportion who reported that they still had asthma.		
	N	%	95% Confidence Interval
Michigan Total	27,860	11.1	(10.6-11.7)
Region 5	1399	12.2	(10.2-14.6)
Branch Hillsdale St. Joseph	402	11.7	(8.4-15.9)

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<b>Table 22: Chronic Obstructive Pulmonary Disease (COPD)</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	Ever Told COPD, Emphysema or Chronic Bronchitis: Among all adults, the proportion who reported ever being told by a doctor that they had chronic obstructive pulmonary disease (COPD), emphysema or chronic bronchitis.		
	N	%	95% Confidence Interval
Michigan Total	27,957	8.4	(8.0-8.9)
Region 5	1,392	9.5	(7.6-11.8)
Branch Hillsdale St. Joseph	401	8.9	(6.1-12.8)

<b>Table 23: Arthritis</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	Ever Told Arthritis: Among all adults, the proportion who reported ever being told by a health care professional that they had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia.		
	N	%	95% Confidence Interval
Michigan Total	27,943	31.0	(30.3-31.7)
Region 5	1,399	32.8	(29.9-35.9)
Branch Hillsdale St. Joseph	402	39.6	(34.0-45.6)

<b>Table 24: Heart Attack</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	Ever Told Heart Attack: Among all adults, the proportion who had ever been told by a doctor that they had a heart attack or myocardial infarction.		
	N	%	95% Confidence Interval
Michigan Total	27,944	4.9	(4.6-5.3)
Region 5	1,397	5.6	(4.3-7.3)
Branch Hillsdale St. Joseph	402	5.1	(3.3-7.8)

<b>Table 25: Angina or Coronary Heart Disease</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	Ever Told Angina or Coronary Heart Disease: Among all adults, the proportion who had ever been told by a doctor that they had angina or coronary heart disease.		
	N	%	95% Confidence Interval
Michigan Total	27,873	4.8	(4.5-5.1)
Region 5	1,391	5.2	(4.0-6.7)
Branch Hillsdale St. Joseph	401	6.3	(4.3-9.2)

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<b>Table 26: Stroke</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	<b>Ever Told Stroke:</b> Among all adults, the proportion who had ever been told by a doctor that they had a stroke.		
	N	%	95% Confidence Interval
Michigan Total	28,030	3.5	(3.2-3.7)
Region 5	1,401	3.8	(2.8-5.1)
Branch Hillsdale St. Joseph	403	4.4	(2.7-7.3)

<b>Table 27: Cardiovascular Disease</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	<b>Ever Told Any Cardiovascular Disease:</b> Among all adults, the proportion who had ever been told by a doctor that they had a heart attack, coronary heart disease or a stroke.		
	N	%	95% Confidence Interval
Michigan Total	27,806	9.7	(9.3-10.2)
Region 5	1,389	10.8	(9.1-12.9)
Branch Hillsdale St. Joseph	399	10.9	(8.1-14.6)

<b>Table 28: Cancer</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	<b>Ever Told Cancer:</b> Among all adults, the proportion who reported ever being told by a doctor that they had skin cancer or any other type of cancer.		
	N	%	95% Confidence Interval
Michigan Total	27,985	12.9	(12.4-13.4)
Region 5	1,396	12.5	(10.6-14.7)
Branch Hillsdale St. Joseph	402	13.7	(10.5-17.8)

<b>Table 29: Diabetes</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	<b>Ever Told Diabetes:</b> The proportion of adults who reported that they were ever told by a doctor that they have diabetes. Women who had diabetes only during pregnancy and adults who were diagnosed with pre-diabetes were considered to not have been diagnosed with diabetes.		
	N	%	95% Confidence Interval
Michigan Total	28,059	11.7	(11.2-12.2)
Region 5	1,400	12.5	(10.5-14.6)
Branch Hillsdale St. Joseph	403	13.7	(10.3-17.9)

*2018-2020 Michigan BRFSS Regional & Local Health Department Estimates  
September 2021*

<b>Table 30: Kidney Disease</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	Ever Told Kidney Disease: Among all adults, the proportion who reported ever being told by a doctor that they had kidney disease.		
	N	%	95% Confidence Interval
Michigan Total	28,022	3.4	(3.1-3.6)
Region 5	1,396	4.8	(3.6-6.5)
Branch Hillsdale St. Joseph	403	4.6	(2.8-7.5)

<b>Table 31: Depression</b>			
Michigan BRFSS, 2018-2020 Combined			
<b>Geographical Area</b>	Ever Told Depression: Among all adults, the proportion who reported ever being told by a doctor that they had kidney disease.		
	N	%	95% Confidence Interval
Michigan Total	27,944	21.4	(20.7-22.0)
Region 5	1,400	26.7	(23.7-29.9)
Branch Hillsdale St. Joseph	402	4.6	(2.8-7.5)