

Prevalence Estimates for Risk Factors and Health Indicators

State of Michigan

Selected Tables

Michigan Behavioral Risk Factor Survey

2021

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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](#) (BRFSS) that is managed by the PHSB at the CDC.

In 2021, the total sample size of completed interviews for the core survey was 9,425 (land line = 2,533; cell phone = 6,892). Due to variability in response rates to individual questions and differences in specific sub-populations of interest for particular questions, not all estimates are based on a total sample size of 9,425. As a result, item-by-item sample sizes and population descriptions are included within each table. Furthermore, only comparisons between estimates with non-overlapping 95% confidence intervals should be considered significantly different.

For the 2021 Michigan BRFSS, 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 the 2021 Michigan BRFSS data collection process 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 2021 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.

State-specific, population-based prevalence estimates and asymmetric confidence intervals were calculated for indicators of health status, health risk behaviors, clinical preventive practices, and chronic conditions among the adult population in Michigan. Respondents who refused to answer a question were removed from the denominator during the analysis of such questions. Those who responded “Don’t Know/Not Sure” were also excluded from the denominator unless indicated otherwise. 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%.

Due to the BRFSS methodology changes that took place in 2011, the estimates provided within the following tables should only be compared to Michigan BRFSS estimates from 2011-2018 and not to Michigan BRFSS estimates from years prior to 2011. Due to methodology changes in 2017, Fruit and Vegetable Module data should not be compared to prior years.

If you have any questions regarding any of the estimates within the following tables, please contact Yan Tian at tiany@michigan.gov.

Table 1: Health Status 2021 Michigan BRFSS		
	General Health, Fair or Poor^a	
	%	95% Confidence Interval
Total	16.2	(15.3-17.2)
Age		
18 – 24	11.6	(8.8-15.2)
25 – 34	10.1	(7.9-12.8)
35 – 44	11.7	(9.7-14.0)
45 – 54	16.5	(14.2-19.2)
55 – 64	21.2	(19.0-23.6)
65 – 74	21.1	(18.7-23.7)
75 +	24.3	(21.3-27.6)
Gender		
Male	14.9	(13.6-16.3)
Female	17.4	(16.1-18.8)
Race/Ethnicity		
White non-Hispanic	15.1	(14.1-16.2)
Black non-Hispanic	23.9	(20.6-27.6)
Other non-Hispanic	13.3	(10.0-17.4)
Hispanic	11.9	(7.9-17.5)
Education		
Less than high school	34.0	(28.6-39.9)
High school graduate	19.1	(17.4-21.0)
Some college	15.9	(14.4-17.6)
College graduate	7.4	(6.5-8.5)
Household Income		
< \$20,000	39.8	(35.3-44.5)
\$20,000 - \$34,999	24.0	(21.3-27.0)
\$35,000 - \$49,999	17.5	(14.8-20.7)
\$50,000 - \$74,999	9.6	(8.0-11.6)
\$75,000 +	5.7	(4.7-6.9)
^a Among all adults, the proportion who reported that their health, in general, was either fair or poor. (N = 9,398)		

**Table 2: Health Status on at Least 14 Days in the Past Month
2021 Michigan BRFS**

	Poor Physical Health ^a		Poor Mental Health ^b		Activity Limitation ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	11.9	(11.1-12.8)	15.5	(14.5-16.5)	9.6	(8.8-10.4)
Age						
18 – 24	5.7	(3.7-8.5)	25.5	(21.4-30.1)	10.0	(7.3-13.3)
25 – 34	9.1	(6.9-11.9)	20.2	(17.4-23.4)	7.3	(5.6-9.5)
35 – 44	8.4	(6.8-10.5)	16.8	(14.3-19.6)	8.4	(6.7-10.4)
45 – 54	12.4	(10.4-14.8)	17.1	(14.8-19.6)	11.7	(9.7-14.0)
55 – 64	16.8	(14.7-19.1)	12.8	(11.1-14.8)	11.5	(9.9-13.5)
65 – 74	15.5	(13.4-17.9)	7.8	(6.3-9.5)	8.5	(7.0-10.4)
75 +	15.7	(13.2-18.5)	8.0	(6.0-10.4)	10.6	(8.4-13.2)
Gender						
Male	10.4	(9.3-11.7)	12.1	(10.8-13.5)	7.9	(6.9-8.9)
Female	13.4	(12.2-14.7)	18.7	(17.3-20.2)	11.2	(10.1-12.5)
Race/Ethnicity						
White non-Hispanic	12.1	(11.1-13.1)	15.3	(14.2-16.4)	9.5	(8.7-10.5)
Black non-Hispanic	12.4	(9.8-15.5)	15.5	(12.8-18.7)	10.5	(8.4-13.2)
Other non-Hispanic	8.5	(5.4-13.1)	15.4	(11.0-21.1)	7.3	(5.3-10.0)
Hispanic	9.6	(6.2-14.5)	19.6	(13.9-26.7)	7.8	(4.8-12.6)
Education						
Less than high school	25.9	(20.9-31.7)	24.1	(19.1-29.8)	17.1	(13.2-21.9)
High school graduate	12.3	(10.9-13.8)	17.1	(15.3-19.0)	10.6	(9.2-12.0)
Some college	12.6	(11.2-14.1)	16.3	(14.6-18.2)	10.7	(9.3-12.2)
College graduate	6.2	(5.4-7.2)	10.1	(9.0-11.3)	4.8	(4.1-5.7)
Household Income						
< \$20,000	26.8	(22.9-31.1)	27.5	(23.6-31.9)	25.9	(22.1-30.2)
\$20,000 - \$34,999	17.7	(15.2-20.5)	21.6	(18.8-24.7)	15.3	(12.9-18.0)
\$35,000 - \$49,999	10.9	(8.8-13.3)	14.5	(12.0-17.4)	9.1	(7.2-11.5)
\$50,000 - \$74,999	9.7	(7.7-12.2)	13.6	(11.2-16.4)	6.7	(5.0-8.8)
\$75,000 +	5.3	(4.4-6.5)	10.5	(9.0-12.2)	3.9	(3.2-4.9)

^a Among all adults, the proportion who reported 14 or more days of poor physical health, which includes physical illness and injury, during the past 30 days. (N = 9,229)

^b Among all adults, the proportion who reported 14 or more days of poor mental health, which includes stress, depression, and problems with emotions, during the past 30 days. (N = 9,273)

^c Among all adults, the proportion who reported 14 or more days in the past 30 days in which either poor physical health or poor mental health kept respondents from doing their usual activities, such as self-care, work, and recreation. (N = 9,313)

**Table 3: Mean Number of Days of Poor Physical Health, Poor Mental Health, and Activity Limitations
2021 Michigan BRFSS**

	Poor Physical Health ^a		Poor Mental Health ^b		Activity Limitation ^c	
	Mean # of Days	95% Confidence Interval	Mean # of Days	95% Confidence Interval	Mean # of Days	95% Confidence Interval
Total	3.8	(3.6-4.0)	5.0	(4.7-5.2)	3.0	(2.9-3.2)
Age						
18 - 24	2.4	(1.8-3.0)	8.1	(7.1-9.0)	3.4	(2.8-4.1)
25 - 34	3.0	(2.4-3.6)	6.6	(5.9-7.3)	2.7	(2.2-3.1)
35 - 44	2.9	(2.5-3.4)	5.5	(4.9-6.1)	2.8	(2.4-3.2)
45 - 54	3.8	(3.3-4.4)	5.4	(4.8-6.0)	3.4	(2.9-4.0)
55 - 64	5.1	(4.5-5.6)	4.1	(3.6-4.6)	3.4	(3.0-3.9)
65 - 74	4.9	(4.3-5.5)	2.6	(2.2-3.0)	2.6	(2.2-3.1)
75 +	4.9	(4.2-5.6)	2.6	(2.0-3.2)	3.1	(2.5-3.8)
Gender						
Male	3.3	(3.1-3.6)	4.0	(3.7-4.4)	2.6	(2.3-2.9)
Female	4.3	(4.0-4.6)	5.9	(5.5-6.2)	3.5	(3.2-3.7)
Race/Ethnicity						
White non-Hispanic	3.8	(3.6-4.1)	4.9	(4.7-5.2)	3.0	(2.8-3.2)
Black non-Hispanic	4.1	(3.4-4.9)	5.0	(4.3-5.7)	3.4	(2.8-3.9)
Other non-Hispanic	2.6	(1.9-3.4)	4.6	(3.7-5.6)	2.6	(2.1-3.2)
Hispanic	3.3	(2.2-4.4)	6.4	(5.1-7.7)	3.0	(2.0-4.0)
Education						
Less than high school	7.8	(6.4-9.2)	7.3	(6.0-8.5)	5.2	(4.2-6.3)
High school graduate	3.9	(3.5-4.3)	5.2	(4.8-5.7)	3.2	(2.9-3.6)
Some college	4.1	(3.7-4.4)	5.3	(4.8-5.7)	3.3	(3.0-3.7)
College graduate	2.2	(2.0-2.4)	3.6	(3.4-3.9)	1.8	(1.6-2.0)
Household Income						
< \$20,000	8.0	(6.9-9.0)	8.0	(7.0-9.0)	7.3	(6.2-8.3)
\$20,000 - \$34,999	5.3	(4.7-5.9)	6.7	(6.0-7.4)	4.4	(3.9-5.0)
\$35,000 - \$49,999	3.6	(3.0-4.2)	4.6	(3.9-5.2)	2.9	(2.4-3.5)
\$50,000 - \$74,999	3.3	(2.7-3.8)	4.7	(4.1-5.3)	2.4	(2.0-2.9)
\$75,000 +	2.0	(1.7-2.3)	3.8	(3.4-4.2)	1.6	(1.4-1.8)

^a Among all adults, the mean number of days during the past 30 days in which physical health, including illness and injury, was not good. (N = 9,229)

^b Among all adults, the mean number of days during the past 30 days in which mental health, including stress, depression, and problems with emotions, was not good. (N = 9,273)

^c Among all adults, the mean number of days during the past 30 days in which poor physical health or poor mental health kept the respondent from doing usual activities, such as self-care, work, or recreation. (N = 9,313)

Table 4: Disability 2021 Michigan BRFSS		
	Total Disability^a	
	%	95% Confidence Interval
Total	28.7	(27.5-29.9)
Age		
18 - 24	22.0	(18.1-26.6)
25 - 34	21.8	(18.7-25.3)
35 - 44	21.8	(18.9-25.0)
45 - 54	27.4	(24.5-30.5)
55 - 64	31.2	(28.5-34.0)
65 - 74	33.8	(31.1-36.6)
75 +	50.4	(46.9-54.0)
Gender		
Male	26.4	(24.7-28.2)
Female	30.8	(29.1-32.6)
Race/Ethnicity		
White non-Hispanic	28.6	(27.2-30.0)
Black non-Hispanic	31.5	(27.7-35.5)
Other non-Hispanic	22.2	(17.7-27.3)
Hispanic	30.1	(23.2-37.9)
Education		
Less than high school	54.6	(48.1-61.0)
High school graduate	34.4	(32.1-36.7)
Some college	27.5	(25.5-29.5)
College graduate	15.6	(14.3-16.9)
Household Income		
< \$20,000	54.4	(49.6-59.2)
\$20,000 - \$34,999	38.7	(35.3-42.1)
\$35,000 - \$49,999	31.6	(28.1-35.3)
\$50,000 - \$74,999	25.1	(22.1-28.4)
\$75,000 +	13.3	(11.8-15.1)
^a 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 = 8,852)		

**Table 5: Weight Status
2021 Michigan BRFSS**

	Obese ^a		Overweight ^b		Healthy Weight ^c		Underweight ^d	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	34.4	(33.1-35.7)	34.2	(32.9-35.5)	29.3	(28.0-30.6)	2.2	(1.7-2.7)
Age								
18 - 24	22.9	(18.6-27.9)	24.1	(20.0-28.7)	47.1	(42.0-52.3)	5.9	(3.8-9.1)
25 - 34	33.9	(30.3-37.8)	31.5	(27.8-35.5)	32.7	(29.1-36.5)	-- ^e	-- ^e
35 - 44	37.1	(33.6-40.8)	35.8	(32.3-39.4)	25.8	(22.9-29.0)	-- ^e	-- ^e
45 - 54	41.3	(38.0-44.6)	34.7	(31.6-38.0)	23.4	(20.8-26.4)	-- ^e	-- ^e
55 - 64	39.5	(36.7-42.5)	36.0	(33.3-38.9)	22.9	(20.6-25.4)	-- ^e	-- ^e
65 - 74	35.7	(33.0-38.6)	36.9	(34.1-39.8)	24.8	(22.3-27.4)	2.6	(1.6-4.0)
75 +	25.3	(22.3-28.6)	40.9	(37.4-44.5)	31.5	(28.2-35.0)	2.3	(1.4-3.9)
Gender								
Male	33.9	(32.0-35.8)	39.1	(37.2-41.1)	25.2	(23.5-26.9)	1.8	(1.3-2.6)
Female	34.9	(33.0-36.8)	29.0	(27.3-30.8)	33.5	(31.7-35.4)	2.6	(1.9-3.4)
Race/Ethnicity								
White non-Hispanic	34.1	(32.7-35.6)	34.3	(32.9-35.8)	29.6	(28.2-31.1)	1.9	(1.4-2.5)
Black non-Hispanic	40.8	(36.7-45.1)	32.9	(28.9-37.2)	23.3	(19.7-27.2)	3.0	(1.8-5.1)
Other non-Hispanic	20.1	(16.2-24.7)	37.5	(31.5-43.9)	39.6	(33.6-45.9)	-- ^e	-- ^e
Hispanic	37.0	(29.3-45.5)	33.3	(26.2-41.3)	26.2	(19.8-33.7)	-- ^e	-- ^e
Education								
< High school	35.6	(29.7-42.0)	31.4	(25.8-37.6)	25.2	(19.9-31.3)	7.9	(4.8-12.7)
High school graduate	33.9	(31.5-36.3)	34.8	(32.4-37.3)	29.3	(27.0-31.8)	2.0	(1.4-2.8)
Some college	37.9	(35.6-40.3)	33.2	(30.9-35.5)	27.4	(25.3-29.7)	1.5	(1.0-2.2)
College graduate	30.1	(28.3-31.9)	35.8	(33.9-37.7)	32.9	(31.0-34.8)	1.3	(0.9-1.9)
Household Income								
< \$20,000	41.0	(36.2-45.9)	26.4	(22.5-30.7)	28.5	(24.3-33.1)	4.2	(2.3-7.4)
\$20,000 - \$34,999	35.7	(32.4-39.2)	30.9	(27.7-34.2)	30.4	(27.2-33.9)	3.0	(1.9-4.7)
\$35,000 - \$49,999	37.4	(33.6-41.3)	36.1	(32.5-40.0)	25.1	(21.8-28.8)	1.4	(0.8-2.4)
\$50,000 - \$74,999	36.0	(32.7-39.5)	37.1	(33.6-40.8)	25.9	(22.7-29.3)	-- ^e	-- ^e
\$75,000 +	32.2	(30.0-34.5)	37.8	(35.5-40.2)	28.7	(26.6-30.9)	-- ^e	-- ^e

Note: BMI, body mass index, is defined as weight (in kilograms) divided by height (in meters) squared [weight in kg/(height in meters)²]. Weight and height were self-reported. Pregnant women were excluded. (N = 8,320)

^a Among all adults, the proportion of respondents whose BMI was greater than or equal to 30.0.

^b Among all adults, the proportion of respondents whose BMI was greater than or equal to 25.0, but less than 30.0.

^c Among all adults, the proportion of respondents whose BMI was greater than or equal to 18.5, but less than 25.0.

^d Among all adults, the proportion of respondents whose BMI was less than 18.5.

^e Suppressed due to a denominator < 50 and/or a relative standard error > 30%.

Table 6: Health Care Coverage 2021 Michigan BRFS		
	No Health Care Coverage^a (Among 18 - 64 year olds)	
	%	95% Confidence Interval
Total	6.2	(5.4-7.1)
Age		
18 - 24	8.9	(6.2-12.5)
25 - 34	7.7	(5.9-10.1)
35 - 44	7.2	(5.4-9.5)
45 - 54	4.7	(3.6-6.2)
55 - 64	3.6	(2.7-4.9)
65 - 74	-- ^b	-- ^b
75 +	-- ^b	-- ^b
Gender		
Male	8.5	(7.2-10.1)
Female	4.0	(3.2-4.9)
Race/Ethnicity		
White non-Hispanic	5.3	(4.5-6.2)
Black non-Hispanic	8.2	(5.9-11.3)
Other non-Hispanic	6.3	(3.8-10.1)
Hispanic	13.4	(8.6-20.3)
Education		
Less than high school	12.1	(7.8-18.2)
High school graduate	8.6	(7.0-10.6)
Some college	5.9	(4.7-7.4)
College graduate	2.6	(1.9-3.4)
Household Income		
< \$20,000	5.8	(3.5-9.5)
\$20,000 - \$34,999	13.5	(10.7-17.0)
\$35,000 - \$49,999	8.9	(6.5-12.0)
\$50,000 - \$74,999	5.7	(3.9-8.4)
\$75,000 +	2.3	(1.5-3.6)
^a 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 or Indian Health Services. (N = 5,595) ^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

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Table 7: Health Care Coverage Type^a
2021 Michigan BRFS

	Private Insurance On Their Own		Medicaid		Medicare		Employer Sponsored Plan		State Sponsored Health Plan		No Health Care Coverage	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	7.6	(6.9-8.3)	12.0	(11.0-13.0)	22.6	(21.6-23.5)	45.1	(43.8-46.4)	3.1	(2.6-3.7)	4.8	(4.2-5.5)
Age												
18 - 24	12.7	(9.6-16.7)	21.5	(17.0-26.7)	4.9	(3.1-7.7)	41.1	(35.8-46.5)	4.8	(2.7-8.4)	8.9	(6.2-12.5)
25 - 34	5.2	(3.7-7.2)	17.6	(14.7-20.9)	3.9	(2.6-5.8)	57.2	(53.4-61.0)	4.3	(3.0-6.3)	7.7	(5.9-10.1)
35 - 44	6.3	(5.0-8.1)	15.4	(13.0-18.1)	4.7	(3.5-6.4)	58.7	(55.2-62.1)	3.7	(2.5-5.4)	7.2	(5.4-9.5)
45 - 54	7.0	(5.6-8.8)	12.7	(10.6-15.3)	6.1	(4.7-8.0)	63.0	(59.8-66.0)	2.4	(1.6-3.6)	4.7	(3.6-6.2)
55 - 64	12.1	(10.4-14.1)	10.5	(8.7-12.6)	11.1	(9.4-13.0)	52.6	(49.7-55.4)	3.3	(2.5-4.3)	3.6	(2.7-4.9)
65 - 74	3.7	(2.7-5.1)	3.5	(2.5-5.0)	70.9	(68.0-73.6)	15.3	(13.1-17.7)	1.2	(0.8-1.9)	-- ^b	-- ^b
75 +	6.8	(5.2-8.8)	1.9	(1.1-3.3)	74.3	(71.2-77.3)	11.1	(9.2-13.5)	1.6	(1.0-2.6)	-- ^b	-- ^b
Gender												
Male	7.5	(6.5-8.5)	8.1	(7.0-9.3)	21.4	(20.0-22.9)	47.4	(45.5-49.4)	3.1	(2.4-4.0)	6.7	(5.7-7.9)
Female	7.7	(6.8-8.8)	15.7	(14.2-17.3)	23.6	(22.3-25.0)	42.9	(41.1-44.8)	3.1	(2.5-3.9)	3.1	(2.5-3.8)
Race/Ethnicity												
White non-Hispanic	8.0	(7.2-8.8)	9.5	(8.5-10.6)	25.2	(24.1-26.4)	46.1	(44.6-47.6)	2.8	(2.3-3.4)	3.9	(3.3-4.6)
Black non-Hispanic	5.5	(4.0-7.6)	25.7	(22.1-29.6)	16.2	(13.6-19.1)	34.9	(31.0-39.0)	4.4	(3.0-6.4)	6.9	(5.0-9.5)
Other non-Hispanic	8.0	(5.4-11.7)	12.5	(9.1-16.9)	10.4	(7.9-13.5)	54.9	(48.9-60.8)	2.4	(1.1-5.4)	5.9	(3.7-9.2)
Hispanic	7.6	(4.5-12.6)	15.9	(10.6-23.3)	8.4	(5.2-13.5)	45.0	(37.4-52.7)	5.5	(2.2-13.2)	12.8	(8.3-19.1)
Education												
< High school	5.4	(3.0-9.4)	29.7	(24.0-36.1)	27.2	(22.2-32.8)	17.3	(12.6-23.4)	5.8	(3.6-9.3)	9.4	(6.2-14.1)
High school	8.2	(6.9-9.8)	14.9	(13.1-16.9)	25.6	(23.7-27.6)	34.5	(32.2-37.0)	4.6	(3.5-6.0)	6.6	(5.4-8.0)
Some college	7.6	(6.5-8.9)	12.3	(10.8-14.0)	22.3	(20.7-24.1)	46.8	(44.5-49.2)	2.1	(1.5-2.9)	4.5	(3.6-5.6)
College graduate	7.7	(6.8-8.8)	3.2	(2.5-4.0)	18.3	(17.0-19.6)	62.5	(60.6-64.2)	2.0	(1.5-2.5)	2.1	(1.6-2.8)
Household Income												
< \$20,000	4.0	(2.4-6.8)	41.6	(36.9-46.5)	29.0	(25.1-33.3)	7.1	(4.8-10.3)	6.6	(4.5-9.6)	5.7	(3.6-8.8)
\$20,000 - \$34,999	6.7	(5.2-8.5)	19.9	(17.0-23.0)	31.9	(28.9-35.0)	20.6	(17.8-23.8)	4.7	(3.4-6.4)	9.8	(7.8-12.4)
\$35,000 - \$49,999	7.0	(5.3-9.3)	11.5	(9.1-14.5)	27.7	(24.6-31.0)	38.9	(35.1-42.8)	3.3	(2.1-5.2)	6.1	(4.4-8.3)
\$50,000 - \$74,999	7.8	(6.0-10.1)	4.3	(2.8-6.5)	22.2	(19.7-24.9)	55.6	(52.0-59.1)	2.1	(1.3-3.3)	4.2	(2.9-6.2)
\$75,000 +	7.6	(6.4-8.9)	0.8	(0.5-1.3)	10.6	(9.4-11.8)	73.7	(71.6-75.7)	1.9	(1.1-3.0)	2.0	(1.3-3.1)

^a Among all adults, the proportion who reported currently having each of the above health care coverage types. (N = 8,928)

^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.

Table 8: Health Care Access 2021 Michigan BRFS				
	No Personal Health Care Provider^a		No Health Care Access During Past 12 Months Due to Cost^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	10.9	(10.1-11.8)	7.9	(7.1-8.7)
Age				
18 - 24	21.8	(18.1-26.1)	12.1	(9.3-15.7)
25 - 34	20.5	(17.6-23.7)	10.5	(8.5-12.8)
35 - 44	13.6	(11.3-16.3)	10.4	(8.2-13.1)
45 - 54	8.1	(6.6-9.9)	9.9	(8.1-12.0)
55 - 64	5.2	(4.1-6.5)	6.0	(4.8-7.4)
65 - 74	3.5	(2.5-5.0)	3.5	(2.3-5.4)
75 +	3.2	(2.0-5.3)	2.0	(1.1-3.6)
Gender				
Male	13.7	(12.3-15.1)	6.8	(5.9-7.9)
Female	8.3	(7.3-9.5)	8.9	(7.8-10.1)
Race/Ethnicity				
White non-Hispanic	9.8	(8.9-10.8)	6.5	(5.8-7.3)
Black non-Hispanic	14.3	(11.6-17.6)	10.7	(8.2-13.8)
Other non-Hispanic	14.9	(11.4-19.2)	10.5	(7.2-15.2)
Hispanic	13.4	(9.3-19.1)	18.1	(12.8-24.8)
Education				
Less than high school	14.0	(9.9-19.3)	13.7	(9.9-18.5)
High school graduate	13.7	(12.0-15.6)	9.5	(8.1-11.1)
Some college	10.7	(9.3-12.3)	8.1	(6.9-9.5)
College graduate	7.4	(6.4-8.5)	3.9	(3.2-4.8)
Household Income				
< \$20,000	12.6	(9.5-16.5)	13.6	(10.7-17.1)
\$20,000 - \$34,999	14.9	(12.4-17.8)	14.1	(11.8-16.8)
\$35,000 - \$49,999	12.6	(10.2-15.5)	10.3	(8.0-13.2)
\$50,000 - \$74,999	10.4	(8.3-13.1)	6.5	(4.7-9.0)
\$75,000 +	8.0	(6.7-9.4)	3.0	(2.3-3.9)
^a Among all adults, the proportion who reported that they did not have anyone that they thought of as their personal doctor or health care provider. (N = 9,323) ^b Among all adults, the proportion who reported that in the past 12 months, they could not see a doctor when they needed to due to the cost. (N = 9,401)				

Table 9: No Leisure Time Physical Activity 2021 Michigan BRFSS		
	No Leisure Time Physical Activity^a	
	%	95% Confidence Interval
Total	23.1	(22.0-24.2)
Age		
18 – 24	15.4	(12.2-19.2)
25 – 34	18.4	(15.4-21.9)
35 – 44	19.4	(16.6-22.5)
45 – 54	25.0	(22.4-27.9)
55 – 64	25.4	(22.9-28.0)
65 – 74	28.1	(25.6-30.7)
75 +	33.5	(30.2-37.0)
Gender		
Male	19.0	(17.6-20.6)
Female	27.0	(25.4-28.6)
Race/Ethnicity		
White non-Hispanic	22.0	(20.8-23.3)
Black non-Hispanic	30.8	(27.2-34.6)
Other non-Hispanic	19.6	(15.5-24.4)
Hispanic	24.8	(18.8-32.0)
Education		
Less than high school	42.8	(36.8-49.0)
High school graduate	27.8	(25.7-29.9)
Some college	22.7	(20.9-24.6)
College graduate	12.1	(10.9-13.4)
Household Income		
< \$20,000	40.5	(36.0-45.2)
\$20,000 - \$34,999	29.0	(26.2-32.1)
\$35,000 - \$49,999	26.6	(23.3-30.1)
\$50,000 - \$74,999	21.7	(18.8-24.9)
\$75,000 +	12.6	(11.1-14.3)
^a Among all adults, the proportion who reported not participating in any leisure time physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise during the past month. (N = 9,404)		

**Table 10: Fruit and Vegetable Consumption
2021 Michigan BRFSS**

	Fruits (at least 1 / day) ^a		Vegetables (at least 1 / day) ^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	60.1	(58.7-61.5)	80.6	(79.3-81.7)
Age				
18 – 24	51.7	(46.3-57.1)	72.5	(67.4-77.0)
25 – 34	54.7	(50.5-58.8)	79.6	(76.0-82.7)
35 – 44	62.5	(58.8-66.2)	84.3	(81.0-87.0)
45 – 54	59.5	(56.1-62.9)	82.1	(79.2-84.6)
55 – 64	61.1	(58.2-64.0)	81.5	(78.9-83.8)
65 – 74	63.1	(60.2-65.9)	81.3	(78.8-83.5)
75 +	68.8	(65.0-72.3)	81.0	(77.5-84.0)
Gender				
Male	57.7	(55.6-59.8)	78.7	(76.9-80.5)
Female	62.3	(60.4-64.2)	82.2	(80.6-83.7)
Race/Ethnicity				
White non-Hispanic	60.8	(59.2-62.3)	81.9	(80.5-83.1)
Black non-Hispanic	59.3	(54.8-63.6)	73.1	(68.9-77.0)
Other non-Hispanic	56.7	(50.0-63.3)	80.4	(74.8-85.1)
Hispanic	54.9	(46.2-63.2)	76.4	(68.5-82.8)
Education				
Less than high school	51.1	(43.9-58.2)	71.0	(64.0-77.1)
High school graduate	55.1	(52.4-57.8)	75.9	(73.4-78.1)
Some college	60.6	(58.1-63.0)	81.7	(79.7-83.6)
College graduate	67.0	(65.1-68.9)	86.4	(84.9-87.7)
Household Income				
< \$20,000	56.9	(51.8-61.8)	68.9	(63.9-73.6)
\$20,000 - \$34,999	58.7	(54.9-62.4)	77.1	(73.8-80.1)
\$35,000 - \$49,999	57.6	(53.4-61.6)	79.9	(76.4-83.1)
\$50,000 - \$74,999	58.3	(54.4-62.0)	81.7	(78.6-84.4)
\$75,000 +	65.1	(62.7-67.5)	86.7	(84.8-88.4)

^a Among all adults, the proportion who reported consuming at least one fruit per day (N = 7,958).

^b Among all adults, the proportion who reported consuming at least one vegetable per day. (N = 7,734),

**Table 11: Cigarette Smoking
2021 Michigan BRFSS**

	Current Smoking ^a		Former Smoking ^b		Never Smoked	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	17.0	(15.9-18.1)	25.8	(24.6-26.9)	57.2	(55.9-58.6)
Age						
18 – 24	3.7	(2.3-6.0)	7.8	(5.3-11.2)	88.5	(84.7-91.5)
25 – 34	21.9	(18.7-25.6)	19.3	(16.3-22.7)	58.8	(54.8-62.6)
35 – 44	25.2	(22.1-28.7)	27.1	(24.1-30.4)	47.7	(44.1-51.2)
45 – 54	20.8	(18.3-23.6)	22.6	(19.9-25.5)	56.6	(53.3-59.8)
55 – 64	20.0	(17.7-22.7)	30.1	(27.5-32.8)	49.9	(47.0-52.7)
65 – 74	15.1	(13.0-17.5)	35.3	(32.6-38.1)	49.6	(46.7-52.5)
75 +	5.1	(3.3-7.7)	40.0	(36.6-43.6)	54.9	(51.3-58.5)
Gender						
Male	18.2	(16.7-19.9)	27.0	(25.3-28.7)	54.8	(52.8-56.8)
Female	15.9	(14.5-17.3)	24.6	(23.1-26.2)	59.5	(57.7-61.3)
Race/Ethnicity						
White non-Hispanic	16.6	(15.4-17.8)	28.3	(27.0-29.7)	55.1	(53.6-56.6)
Black non-Hispanic	18.6	(15.5-22.1)	17.2	(14.4-20.3)	64.3	(60.2-68.1)
Other non-Hispanic	16.8	(12.4-22.4)	19.7	(15.1-25.4)	63.5	(57.1-69.4)
Hispanic	17.2	(12.2-23.8)	13.9	(9.5-19.9)	68.9	(61.3-75.5)
Education						
Less than high school	35.0	(29.2-41.3)	28.1	(22.9-34.0)	36.9	(30.7-43.6)
High school graduate	22.2	(20.1-24.3)	27.4	(25.3-29.5)	50.5	(48.0-53.0)
Some college	16.9	(15.2-18.7)	27.9	(25.9-30.0)	55.2	(52.9-57.5)
College graduate	5.8	(4.9-6.8)	20.6	(19.1-22.1)	73.7	(71.9-75.3)
Household Income						
< \$20,000	34.1	(29.7-38.7)	22.7	(19.1-26.7)	43.3	(38.5-48.2)
\$20,000 - \$34,999	23.4	(20.5-26.5)	27.3	(24.3-30.5)	49.4	(45.8-52.9)
\$35,000 - \$49,999	18.7	(15.6-22.3)	28.2	(25.0-31.7)	53.0	(49.1-56.9)
\$50,000 - \$74,999	19.2	(16.3-22.5)	25.8	(22.9-28.8)	55.0	(51.4-58.6)
\$75,000 +	9.7	(8.2-11.4)	25.4	(23.4-27.5)	64.9	(62.6-67.2)

^a Among all adults, the proportion who reported that they had ever smoked at least 100 cigarettes (5 packs) in their life and that they smoke cigarettes now, either every day or on some days. (N = 8,810)

^b Among all adults, the proportion who reported that they had ever smoked at least 100 cigarettes (5 packs) in their life, but they do not smoke cigarettes now. (N = 8,810)

Table 12: Current Smokers Who Attempted to Quit 2021 Michigan BRFSS		
	Tried to Quit Smoking One Day or Longer in Past Year^a	
	%	95% Confidence Interval
Total	57.1	(52.7-61.3)
Age		
18 – 24	62.6	(30.0-86.7)
25 – 34	50.1	(39.2-61.1)
35 – 44	57.0	(47.6-65.9)
45 – 54	62.8	(53.8-71.0)
55 – 64	56.6	(47.9-64.8)
65 – 74	63.9	(53.8-72.9)
75 +	38.1	(18.5-62.6)
Gender		
Male	59.8	(53.6-65.7)
Female	54.0	(47.9-59.9)
Race/Ethnicity		
White non-Hispanic	52.5	(47.5-57.4)
Black non-Hispanic	82.7	(70.8-90.5)
Other non-Hispanic	54.6	(39.0-69.4)
Hispanic	54.5	(33.6-73.9)
Education		
Less than high school	44.5	(32.1-57.6)
High school graduate	59.4	(52.7-65.8)
Some college	58.0	(51.1-64.6)
College graduate	68.0	(58.0-76.6)
Household Income		
< \$20,000	58.3	(48.3-67.7)
\$20,000 - \$34,999	60.7	(51.9-68.8)
\$35,000 - \$49,999	50.7	(38.0-63.4)
\$50,000 - \$74,999	58.2	(47.2-68.6)
\$75,000 +	56.1	(45.0-66.6)
^a Among current smokers, the proportion who reported that during the past 12 months, they had tried to quit smoking for one day or longer. (N = 799)		

Table 13: E-Cigarette Use 2021 Michigan BRFSS		
	Current E-Cigarette Use^a	
	%	95% Confidence Interval
Total	7.6	(6.8-8.4)
Age		
18 – 24	22.1	(18.0-26.8)
25 – 34	12.3	(10.0-15.0)
35 – 44	9.8	(7.7-12.3)
45 – 54	4.0	(2.9-5.5)
55 – 64	2.9	(2.1-4.0)
65 – 74	2.0	(1.3-3.1)
75 +	-- ^b	-- ^b
Gender		
Male	8.6	(7.4-9.9)
Female	6.6	(5.6-7.8)
Race/Ethnicity		
White non-Hispanic	7.0	(6.2-8.0)
Black non-Hispanic	7.0	(5.0-9.7)
Other non-Hispanic	10.4	(6.7-15.9)
Hispanic	14.5	(9.2-22.0)
Education		
Less than high school	10.8	(7.1-15.9)
High school graduate	9.8	(8.3-11.6)
Some college	8.2	(6.8-9.8)
College graduate	3.5	(2.7-4.3)
Household Income		
< \$20,000	8.0	(5.7-11.1)
\$20,000 - \$34,999	9.9	(7.8-12.5)
\$35,000 - \$49,999	8.5	(6.4-11.1)
\$50,000 - \$74,999	8.0	(6.0-10.5)
\$75,000 +	5.7	(4.5-7.2)
^a Among all adults, the proportion who reported that they currently use e-cigarettes or other electronic vaping products, either every day or on some days. (N = 8,836) ^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

Table 14: Smokeless Tobacco Use 2021 Michigan BRFSS		
	Current Smokeless Tobacco Use^a	
	%	95% Confidence Interval
Total	2.6	(2.2-3.2)
Age		
18 – 24	3.3	(1.9-5.7)
25 – 34	3.8	(2.5-5.9)
35 – 44	3.7	(2.6-5.4)
45 – 54	2.8	(1.7-4.4)
55 – 64	2.0	(1.4-2.9)
65 – 74	1.7	(1.1-2.5)
75 +	--b	--b
Gender		
Male	4.5	(3.6-5.4)
Female	0.9	(0.6-1.4)
Race/Ethnicity		
White non-Hispanic	2.9	(2.4-3.5)
Black non-Hispanic	2.0	(1.1-3.6)
Other non-Hispanic	--b	--b
Hispanic	--b	--b
Education		
Less than high school	--b	--b
High school graduate	3.6	(2.8-4.8)
Some college	2.2	(1.6-3.1)
College graduate	1.6	(1.1-2.2)
Household Income		
< \$20,000	--b	--b
\$20,000 - \$34,999	2.7	(1.8-3.9)
\$35,000 - \$49,999	2.7	(1.6-4.3)
\$50,000 - \$74,999	2.4	(1.6-3.8)
\$75,000 +	3.2	(2.3-4.5)
^a Among all adults, the proportion who reported that they currently use chewing tobacco, snuff or snus, either every day or on some days. (N = 8,856) ^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

Table 15: Hookah Use 2021 Michigan BRFSS		
	Current Hookah Use^a	
	%	95% Confidence Interval
Total	1.9	(1.4-2.6)
Age		
18 – 24	..b	..b
25 – 34	..b	..b
35 – 44	..b	..b
45 – 54	..b	..b
55 – 64	1.1	(0.6-2.0)
65 – 74	..b	..b
75 +	..b	..b
Gender		
Male	2.0	(1.2-3.1)
Female	1.9	(1.3-2.9)
Race/Ethnicity		
White non-Hispanic	1.5	(1.0-2.1)
Black non-Hispanic	..b	..b
Other non-Hispanic	..b	..b
Hispanic	..b	..b
Education		
Less than high school	..b	..b
High school graduate	2.4	(1.5-3.8)
Some college	1.9	(1.1-3.2)
College graduate	1.1	(0.6-1.9)
Household Income		
< \$20,000	..b	..b
\$20,000 - \$34,999	..b	..b
\$35,000 - \$49,999	..b	..b
\$50,000 - \$74,999	..b	..b
\$75,000 +	..b	..b
^a 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 day. (N = 5,158) ^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

**Table 16: Alcohol Consumption
2021 Michigan BRFSS**

	Any Alcohol in Past Month ^a		Heavy Drinking ^b		Binge Drinking ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	53.6	(52.2-54.9)	6.4	(5.7-7.2)	16.1	(15.1-17.2)
Age						
18 – 24	47.2	(42.1-52.4)	3.8	(2.3-6.0)	19.9	(16.1-24.3)
25 – 34	64.1	(60.2-67.8)	10.6	(8.1-13.8)	29.3	(25.7-33.1)
35 – 44	59.4	(55.8-62.9)	7.7	(6.0-9.9)	19.9	(17.1-23.0)
45 – 54	58.0	(54.7-61.2)	6.7	(5.2-8.6)	17.6	(15.2-20.3)
55 – 64	53.1	(50.2-56.0)	6.6	(5.2-8.3)	11.9	(10.2-13.8)
65 – 74	48.3	(45.4-51.2)	5.8	(4.5-7.3)	8.0	(6.5-9.8)
75 +	39.3	(35.9-42.7)	1.7	(1.1-2.8)	2.8	(1.9-4.3)
Gender						
Male	59.6	(57.6-61.5)	7.2	(6.1-8.4)	20.2	(18.6-22.0)
Female	48.0	(46.1-49.8)	5.8	(5.0-6.7)	12.3	(11.0-13.6)
Race/Ethnicity						
White non-Hispanic	54.4	(52.9-55.9)	6.6	(5.8-7.4)	15.8	(14.7-17.0)
Black non-Hispanic	50.0	(45.7-54.2)	4.9	(3.3-7.3)	14.3	(11.5-17.7)
Other non-Hispanic	50.2	(43.9-56.5)	7.3	(3.9-13.0)	18.4	(12.9-25.6)
Hispanic	54.2	(46.0-62.2)	7.0	(3.6-13.0)	23.6	(17.2-31.4)
Education						
Less than high school	33.0	(27.0-39.6)	9.1	(5.6-14.5)	15.2	(10.7-21.2)
High school graduate	45.5	(42.9-48.0)	5.3	(4.2-6.6)	14.6	(12.7-16.6)
Some college	54.7	(52.3-57.0)	6.4	(5.3-7.7)	16.4	(14.6-18.4)
College graduate	67.6	(65.7-69.4)	6.8	(5.8-7.9)	17.7	(16.1-19.4)
Household Income						
< \$20,000	32.5	(28.2-37.2)	4.9	(3.1-7.8)	11.0	(8.2-14.6)
\$20,000 - \$34,999	43.9	(40.4-47.4)	6.0	(4.4-8.2)	14.4	(11.9-17.3)
\$35,000 - \$49,999	51.8	(47.9-55.6)	5.7	(4.1-7.8)	15.4	(12.7-18.6)
\$50,000 - \$74,999	59.4	(55.8-62.9)	6.7	(4.9-9.0)	17.6	(14.7-20.9)
\$75,000 +	69.3	(67.0-71.5)	8.5	(7.1-10.1)	22.6	(20.5-24.8)

^a Among all adults, the proportion who reported consuming at least one drink of any alcoholic beverage in the previous month. (N = 8,696)

^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 = 8,613)

^c 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 = 8,599)

^d Suppressed due to a denominator < 50 and/or a relative standard error > 30%.

Table 17: Mean Number of Binge Drinking Occasions during the Past Month among Binge Drinkers 2021 Michigan BRFSS		
	Number of Binge Drinking Occasions^a	
	Mean	95% Confidence Interval
Total	5.0	(4.4-5.7)
Age		
18 – 24	3.8	(2.6-5.1)
25 – 34	4.8	(3.3-6.4)
35 – 44	4.6	(3.7-5.4)
45 – 54	5.7	(4.5-7.0)
55 – 64	6.7	(4.9-8.5)
65 – 74	5.5	(3.7-7.3)
75+	-- ^b	-- ^b
Gender		
Male	5.6	(4.7-6.5)
Female	4.1	(3.3-4.9)
Race/Ethnicity		
White non-Hispanic	4.8	(4.2-5.4)
Black non-Hispanic	5.2	(3.4-7.1)
Other non-Hispanic	-- ^b	-- ^b
Hispanic	5.4	(2.2-8.6)
Education		
Less than high school	11.8	(7.1-16.6)
High school graduate	5.2	(4.2-6.1)
Some college	4.6	(3.9-5.4)
College graduate	3.5	(3.1-3.9)
Household Income		
< \$20,000	6.2	(3.9-8.6)
\$20,000 - \$34,999	6.5	(4.2-8.7)
\$35,000 - \$49,999	4.3	(3.1-5.4)
\$50,000 - \$74,999	3.7	(3.0-4.5)
\$75,000 +	4.5	(3.6-5.4)
^a Among adults who binge drank in the past month, the mean number of times during which five or more alcoholic beverages (for men) or four or more (for women) were consumed during the past month. (N = 1,133)		
^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

Table 18: Hypertension Awareness and Medication Use 2021 Michigan BRFS				
Demographic Characteristics	Ever Told HBP^a		Taking BP Medication^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	35.3	(34.1-36.5)	79.6	(77.7-81.3)
Age				
18 – 24	7.2	(5.0-10.3)	-- ^c	-- ^c
25 – 34	13.9	(11.4-16.8)	32.1	(23.1-42.7)
35 – 44	25.3	(22.4-28.5)	59.0	(52.0-65.7)
45 – 54	34.4	(31.5-37.6)	76.1	(70.9-80.6)
55 – 64	50.1	(47.4-52.9)	86.8	(83.9-89.3)
65 – 74	57.6	(54.7-60.3)	91.1	(88.4-93.2)
75 +	63.8	(60.3-67.1)	94.9	(93.0-96.3)
Gender				
Male	38.2	(36.4-40.0)	75.4	(72.5-78.0)
Female	32.6	(31.0-34.2)	84.2	(81.8-86.3)
Race/Ethnicity				
White non-Hispanic	35.6	(34.2-36.9)	80.3	(78.2-82.2)
Black non-Hispanic	44.7	(40.8-48.7)	82.2	(77.1-86.4)
Other non-Hispanic	22.2	(18.2-26.7)	67.1	(57.3-75.6)
Hispanic	20.2	(14.8-26.9)	61.7	(44.6-76.4)
Education				
Less than high school	45.2	(39.2-51.3)	73.4	(64.7-80.6)
High school graduate	36.7	(34.5-38.9)	81.8	(78.5-84.6)
Some college	36.0	(34.0-38.2)	80.1	(76.8-83.0)
College graduate	29.6	(28.0-31.3)	78.8	(75.9-81.4)
Household Income				
< \$20,000	45.6	(41.0-50.3)	79.6	(73.2-84.8)
\$20,000 - \$34,999	39.0	(35.8-42.3)	77.4	(72.5-81.7)
\$35,000 - \$49,999	40.5	(36.8-44.3)	82.9	(77.6-87.1)
\$50,000 - \$74,999	35.7	(32.6-39.0)	79.4	(74.2-83.7)
\$75,000 +	29.2	(27.2-31.3)	75.7	(71.6-79.4)

^a Among all adults, the proportion who reported that they were ever told by a doctor that they had high blood pressure (HBP). Women who had HBP only during pregnancy and adults who were borderline hypertensive were considered to not have been diagnosed. (N = 9,381)

^b Among adults who were ever told that they had HBP, the proportion that reported they were currently taking blood pressure (BP) medicines for their HBP. (N = 3,811)

^c Suppressed due to a denominator < 50 and/or a relative standard error > 30%.

**Table 19: Cholesterol Screening and Awareness
2021 Michigan BRFSS**

Demographic Characteristics	Cholesterol Ever Checked ^a		Checked Within Past Five Years ^b		Ever Told High Cholesterol ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	91.3	(90.3-92.1)	87.5	(86.5-88.5)	36.8	(35.6-38.2)
Age						
18 – 24	65.6	(59.9-70.9)	61.4	(55.7-66.8)	11.8	(8.0-16.9)
25 – 34	82.1	(78.9-85.0)	75.5	(71.7-78.9)	18.9	(15.6-22.6)
35 – 44	91.7	(89.3-93.6)	87.6	(84.9-89.8)	22.0	(19.0-25.2)
45 – 54	96.9	(95.7-97.8)	92.7	(90.9-94.2)	33.7	(30.6-36.9)
55 – 64	97.8	(96.6-98.5)	94.3	(92.9-95.5)	48.9	(46.1-51.8)
65 – 74	98.5	(97.5-99.0)	97.0	(95.6-97.9)	52.5	(49.6-55.4)
75 +	-- ^d	-- ^d	96.3	(94.2-97.7)	56.4	(52.9-59.9)
Gender						
Male	90.0	(88.6-91.3)	84.8	(83.1-86.3)	38.5	(36.6-40.5)
Female	92.4	(91.2-93.5)	90.1	(88.8-91.3)	35.3	(33.6-37.1)
Race/Ethnicity						
White non-Hispanic	91.9	(90.8-92.8)	88.1	(87.0-89.2)	38.1	(36.7-39.6)
Black non-Hispanic	91.7	(88.9-93.9)	89.1	(86.0-91.5)	38.0	(34.0-42.3)
Other non-Hispanic	88.6	(84.5-91.8)	83.4	(77.8-87.8)	26.6	(21.3-32.6)
Hispanic	81.9	(73.3-88.1)	76.6	(67.8-83.6)	23.1	(16.5-31.4)
Education						
Less than high school	84.4	(78.2-89.1)	78.8	(72.0-84.3)	47.9	(40.9-54.9)
High school graduate	89.3	(87.4-90.9)	85.1	(83.0-87.0)	37.2	(34.8-39.7)
Some college	90.9	(89.2-92.3)	87.3	(85.6-88.9)	37.4	(35.1-39.8)
College graduate	95.8	(94.8-96.6)	92.7	(91.6-93.7)	33.1	(31.3-34.9)
Household Income						
< \$20,000	87.9	(83.9-91.0)	80.7	(76.0-84.7)	49.2	(44.0-54.4)
\$20,000 - \$34,999	91.3	(88.8-93.3)	86.3	(83.3-88.8)	38.2	(34.8-41.8)
\$35,000 - \$49,999	89.9	(87.0-92.2)	87.1	(84.0-89.6)	40.9	(37.0-44.9)
\$50,000 - \$74,999	91.5	(88.7-93.7)	88.4	(85.4-90.8)	34.6	(31.3-38.1)
\$75,000 +	93.6	(92.0-94.9)	89.6	(87.8-91.2)	32.7	(30.5-34.9)

^a Among all adults, the proportion who reported ever having had their blood cholesterol checked. (N =8,801)

^b Among all adults, the proportion who reported that they have had their blood cholesterol checked within the past five years. (N = 8,801)

^c Among adults who ever had their blood cholesterol checked, the proportion who reported that a doctor, nurse, or other health professional had told them that their cholesterol was high. (N = 8,241)

^d Suppressed due to a denominator < 50 and/or a relative standard error > 30%.

Table 20: No Routine Checkup in Past Year 2021 Michigan BRFSS		
	Had No Routine Checkup in Past Year^a	
	%	95% Confidence Interval
Total	22.7	(21.6-23.9)
Age		
18 - 24	31.4	(27.0-36.1)
25 - 34	36.2	(32.5-40.0)
35 - 44	30.5	(27.4-33.9)
45 - 54	22.4	(20.0-25.1)
55 - 64	16.4	(14.5-18.4)
65 - 74	10.5	(8.9-12.2)
75 +	7.3	(5.6-9.5)
Gender		
Male	26.9	(25.1-28.7)
Female	18.7	(17.3-20.2)
Race/Ethnicity		
White non-Hispanic	22.8	(21.5-24.1)
Black non-Hispanic	15.3	(12.6-18.4)
Other non-Hispanic	30.8	(25.4-36.8)
Hispanic	32.5	(25.8-40.0)
Education		
Less than high school	25.4	(20.0-31.8)
High school graduate	23.3	(21.2-25.5)
Some college	22.7	(20.8-24.8)
College graduate	21.2	(19.7-22.8)
Household Income		
< \$20,000	22.4	(18.5-26.9)
\$20,000 - \$34,999	21.2	(18.4-24.4)
\$35,000 - \$49,999	22.7	(19.5-26.2)
\$50,000 - \$74,999	25.4	(22.2-28.7)
\$75,000 +	23.8	(21.7-26.0)
^a Among all adults, the proportion who reported that they did not have a routine checkup in the past year. (N = 9,317)		

Table 21: Immunizations among Adults Aged 65 Years and Older 2021 Michigan BRFS				
	Had Flu Vaccine in Past Year^a		Ever Had Pneumonia Vaccine^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	69.8	(67.5-72.0)	72.0	(69.8-74.2)
Age				
65 - 74	67.6	(64.6-70.5)	68.7	(65.8-71.6)
75 +	73.1	(69.5-76.4)	77.0	(73.6-80.1)
Gender				
Male	68.6	(65.2-71.8)	68.0	(64.4-71.3)
Female	70.8	(67.7-73.8)	75.3	(72.4-78.0)
Race/Ethnicity				
White non-Hispanic	71.8	(69.4-74.0)	74.2	(72.0-76.3)
Black non-Hispanic	55.9	(46.2-65.2)	57.1	(46.8-66.7)
Other non-Hispanic	71.2	(56.1-82.7)	67.9	(52.7-80.0)
Hispanic	61.5	(39.6-79.6)	60.3	(37.8-79.2)
Education				
Less than high school	51.7	(40.6-62.6)	61.0	(49.4-71.5)
High school graduate	67.9	(63.8-71.6)	70.0	(66.0-73.7)
Some college	69.8	(66.1-73.3)	72.9	(69.2-76.3)
College graduate	79.5	(76.7-82.0)	78.1	(75.2-80.9)
Household Income				
< \$20,000	56.4	(47.1-65.3)	61.2	(51.7-70.0)
\$20,000 - \$34,999	68.6	(63.5-73.2)	74.6	(69.9-78.8)
\$35,000 - \$49,999	68.2	(61.7-74.0)	70.3	(64.1-75.8)
\$50,000 - \$74,999	76.9	(72.0-81.2)	76.5	(71.3-81.0)
\$75,000 +	74.3	(69.1-78.9)	75.1	(69.9-79.6)
^a 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 = 3,009)				
^b Among adults aged 65 years and older, the proportion who reported that they ever had a pneumococcal vaccine. (N = 2,904)				
^c Suppressed due to a denominator < 50 and/or a relative standard error > 30%.				

Table 22: HIV Testing among Adults Aged 18 - 64 Years 2021 Michigan BRFSS		
	Ever Had an HIV Test^a	
	%	95% Confidence Interval
Total	44.2	(42.5-46.0)
Age		
18 – 24	25.1	(20.8-29.9)
25 – 34	47.4	(43.3-51.5)
35 – 44	58.7	(54.9-62.4)
45 – 54	53.5	(50.1-56.9)
55 – 64	35.4	(32.6-38.3)
Gender		
Male	39.0	(36.6-41.4)
Female	49.4	(47.0-51.8)
Race/Ethnicity		
White non-Hispanic	40.8	(38.9-42.8)
Black non-Hispanic	66.8	(61.7-71.5)
Other non-Hispanic	33.4	(27.4-40.0)
Hispanic	44.6	(36.0-53.6)
Education		
Less than high school	43.3	(35.2-51.7)
High school graduate	41.8	(38.6-45.1)
Some college	46.8	(43.7-49.8)
College graduate	43.8	(41.3-46.3)
Household Income		
< \$20,000	54.8	(48.8-60.7)
\$20,000 - \$34,999	48.8	(44.0-53.5)
\$35,000 - \$49,999	44.5	(39.4-49.7)
\$50,000 - \$74,999	42.9	(38.4-47.5)
\$75,000 +	43.3	(40.5-46.1)
^a 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. Don't know was considered a valid response to this question. (N = 4,994)		

Table 23: Asthma among Adults 2021 Michigan BRFSS				
	Lifetime Asthma Prevalence^a		Current Asthma Prevalence^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	16.3	(15.3-17.4)	11.5	(10.7-12.4)
Age				
18 - 24	25.2	(21.0-30.0)	16.1	(12.6-20.4)
25 - 34	18.1	(15.4-21.1)	10.7	(8.6-13.2)
35 - 44	17.1	(14.5-20.0)	12.5	(10.4-15.0)
45 - 54	16.6	(14.4-19.2)	13.1	(11.0-15.5)
55 - 64	15.1	(13.2-17.2)	11.1	(9.4-12.9)
65 - 74	11.7	(10.1-13.6)	9.4	(8.0-11.1)
75 +	10.8	(8.7-13.2)	8.3	(6.4-10.5)
Gender				
Male	13.9	(12.5-15.4)	8.2	(7.1-9.4)
Female	18.6	(17.2-20.0)	14.7	(13.4-16.0)
Race/Ethnicity				
White non-Hispanic	16.0	(14.9-17.2)	11.5	(10.5-12.5)
Black non-Hispanic	19.1	(16.1-22.4)	13.6	(11.2-16.5)
Other non-Hispanic	15.4	(12.0-19.7)	8.9	(6.5-12.2)
Hispanic	17.9	(12.3-25.4)	11.6	(7.3-17.7)
Education				
Less than high school	23.0	(18.1-28.6)	17.7	(13.4-22.9)
High school graduate	15.5	(13.7-17.4)	10.9	(9.5-12.5)
Some college	17.1	(15.4-19.0)	12.1	(10.6-13.7)
College graduate	14.1	(12.8-15.4)	9.5	(8.5-10.7)
Household Income				
< \$20,000	23.4	(19.6-27.6)	19.5	(16.0-23.6)
\$20,000 - \$34,999	18.5	(15.9-21.5)	13.6	(11.3-16.3)
\$35,000 - \$49,999	13.8	(11.4-16.6)	10.2	(8.2-12.7)
\$50,000 - \$74,999	15.0	(12.6-17.8)	9.9	(8.1-12.1)
\$75,000 +	15.2	(13.4-17.2)	10.2	(8.7-11.9)
^a Among all adults, the proportion who reported that they were ever told by a doctor, nurse, or other health care professional that they had asthma. (N = 9,399)				
^b Among all adults, the proportion who reported that they still had asthma. (N = 9,353)				

Table 24: Asthma among Children 2021 Michigan BRFSS				
	Lifetime Asthma Prevalence^a		Current Asthma Prevalence^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	10.3	(8.5-12.4)	7.0	(5.4-9.0)
Age				
0 - 4	-- ^c	-- ^c	-- ^c	-- ^c
5 - 9	12.9	(8.9-18.4)	8.0	(4.8-13.1)
10 - 14	11.9	(8.0-17.5)	8.9	(5.3-14.5)
15 - 17	19.3	(14.5-25.3)	13.1	(8.9-18.9)
Gender				
Boy	12.7	(10.0-16.1)	8.2	(5.9-11.3)
Girl	8.0	(5.8-10.9)	5.8	(3.9-8.6)
Race/Ethnicity				
White non-Hispanic	9.9	(7.7-12.7)	7.3	(5.3-10.0)
Black non-Hispanic	12.5	(8.4-18.2)	7.1	(4.2-11.7)
Other non-Hispanic	5.7	(3.3-9.7)	8.0	(4.8-13.1)
Hispanic	-- ^c	-- ^c	-- ^c	-- ^c
Respondent Education				
Less than high school	-- ^c	-- ^c	-- ^c	-- ^c
High school graduate	8.9	(6.2-12.5)	4.6	(3.0-7.1)
Some college	10.3	(7.0-14.8)	7.5	(4.6-12.0)
College graduate	10.8	(8.2-14.2)	7.5	(5.2-10.6)
Household Income				
< \$20,000	12.5	(7.0-21.3)	-- ^c	-- ^c
\$20,000 - \$34,999	11.5	(6.5-19.7)	-- ^c	-- ^c
\$35,000 - \$49,999	10.8	(6.2-18.1)	-- ^c	-- ^c
\$50,000 - \$74,999	9.6	(5.9-15.4)	8.1	(4.6-13.7)
\$75,000 +	10.1	(7.4-13.7)	6.8	(4.5-10.3)
^a Estimated proportion of Michigan children aged 0-17 years who were ever told by a doctor, nurse or other health professional that they had asthma, using proxy information from the adult respondent. (N = 1,590). ^b Estimated proportion of Michigan children aged 0-17 years who still have asthma, using proxy information from the adult respondent. (N = 1,583) ^c Suppressed due to a denominator < 50 and/or a relative standard error > 30%.				

**Table 25: Chronic Obstructive Pulmonary Disease (COPD)
2021 Michigan BRFSS**

	Ever Told COPD, Emphysema or Chronic Bronchitis ^a	
	%	95% Confidence Interval
Total	7.7	(7.1-8.4)
Age		
18 - 24	3.0	(1.6-5.4)
25 - 34	2.0	(1.2-3.2)
35 - 44	5.4	(4.0-7.3)
45 - 54	8.0	(6.4-9.9)
55 - 64	11.7	(10.0-13.6)
65 - 75	13.6	(11.7-15.7)
75 +	12.1	(9.9-14.6)
Gender		
Male	6.8	(5.9-7.8)
Female	8.6	(7.7-9.6)
Race/Ethnicity		
White/Non-Hispanic	7.8	(7.0-8.5)
Black/Non-Hispanic	8.6	(6.9-10.8)
Other/Non-Hispanic	5.1	(3.4-7.5)
Hispanic	-- ^b	-- ^b
Education		
Less than high school	16.7	(13.0-21.2)
High school graduate	9.3	(8.2-10.6)
Some college	7.7	(6.6-8.8)
College graduate	3.2	(2.7-3.8)
Household Income		
< \$20,000	22.0	(18.5-26.1)
\$20,000 - \$34,999	12.9	(10.9-15.3)
\$35,000 - \$49,999	7.9	(6.2-10.0)
\$50,000 - \$74,999	5.4	(4.1-6.9)
\$75,000 +	2.9	(2.2-3.7)
^a 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 = 9,384) ^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

Table 26: Arthritis 2021 Michigan BRFSS		
Demographic Characteristics	Ever Told Arthritis^a	
	%	95% Confidence Interval
Total	29.9	(28.7-31.0)
Age		
18 - 24	4.2	(2.5-6.9)
25 - 34	9.1	(7.0-11.6)
35 - 44	17.9	(15.4-20.7)
45 - 54	30.6	(27.7-33.6)
55 - 64	44.0	(41.2-46.8)
65 - 75	53.9	(51.1-56.7)
75 +	54.7	(51.2-58.2)
Gender		
Male	25.6	(24.1-27.3)
Female	33.9	(32.3-35.5)
Race/Ethnicity		
White/Non-Hispanic	31.8	(30.5-33.1)
Black/Non-Hispanic	29.8	(26.4-33.6)
Other/Non-Hispanic	16.2	(12.5-20.6)
Hispanic	13.9	(9.7-19.4)
Education		
Less than high school	39.0	(33.3-45.1)
High school graduate	31.5	(29.4-33.6)
Some college	31.8	(29.8-33.8)
College graduate	22.8	(21.4-24.3)
Household Income		
< \$20,000	39.7	(35.3-44.2)
\$20,000 - \$34,999	35.2	(32.1-38.4)
\$35,000 - \$49,999	32.1	(28.8-35.6)
\$50,000 - \$74,999	28.8	(25.9-32.0)
\$75,000 +	22.9	(21.1-24.8)
^a Among all adults, the proportion who reported ever being told by a doctor that they had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia. (N = 9,359)		

Table 27: Cardiovascular Disease
2021 Michigan BRFSS

	Ever Told Heart Attack ^a		Had Told Angina or Coronary Heart Disease ^b		Ever Told Stroke ^c		Ever Told Any Cardiovascular Disease ^d	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	4.7	(4.2-5.2)	4.3	(3.9-4.8)	3.8	(3.4-4.3)	9.6	(9.0-10.4)
Age								
18 - 34	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	1.7	(1.0-2.9)
35 - 44	-- ^e	-- ^e	-- ^e	-- ^e	1.6	(1.0-2.6)	3.9	(2.7-5.4)
45 - 54	2.5	(1.7-3.7)	2.2	(1.5-3.3)	2.9	(2.0-4.1)	6.0	(4.7-7.6)
55 - 64	6.6	(5.2-8.3)	5.8	(4.5-7.4)	5.6	(4.4-7.2)	13.2	(11.3-15.3)
65 - 74	9.4	(7.8-11.2)	10.2	(8.7-12.0)	7.3	(5.9-9.1)	19.8	(17.6-22.1)
75 +	13.2	(11.1-15.8)	12.7	(10.6-15.1)	9.3	(7.6-11.4)	26.6	(23.7-29.8)
Gender								
Male	6.1	(5.3-7.0)	5.0	(4.3-5.8)	3.8	(3.2-4.6)	10.9	(9.9-12.0)
Female	3.3	(2.8-4.0)	3.7	(3.1-4.3)	3.8	(3.2-4.4)	8.4	(7.6-9.4)
Race/Ethnicity								
White non-Hispanic	4.7	(4.1-5.3)	4.6	(4.1-5.2)	3.6	(3.1-4.1)	9.7	(9.0-10.6)
Black non-Hispanic	5.7	(4.2-7.7)	3.4	(2.4-4.8)	6.1	(4.5-8.1)	11.5	(9.4-14.1)
Other non-Hispanic	2.4	(1.5-4.0)	1.8	(1.1-3.0)	-- ^e	-- ^e	5.1	(3.6-7.2)
Hispanic	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	7.0	(3.9-12.3)
Education								
< High school	10.0	(7.0-13.9)	5.9	(3.8-9.2)	9.3	(6.6-12.9)	16.7	(12.9-21.4)
High school graduate	5.1	(4.3-6.1)	4.7	(3.9-5.7)	4.1	(3.3-5.0)	10.7	(9.5-12.1)
Some college	4.4	(3.7-5.3)	4.3	(3.5-5.1)	3.4	(2.7-4.2)	9.4	(8.3-10.6)
College graduate	2.8	(2.3-3.4)	3.4	(2.8-4.0)	2.3	(1.9-2.8)	6.5	(5.7-7.3)
Household Income								
< \$20,000	9.7	(7.3-12.7)	7.0	(5.0-9.9)	9.9	(7.3-13.3)	18.7	(15.4-22.6)
\$20,000 - \$34,999	6.7	(5.1-8.6)	6.5	(5.1-8.3)	5.5	(4.2-7.0)	13.8	(11.7-16.2)
\$35,000 - \$49,999	5.4	(4.0-7.3)	5.6	(4.3-7.3)	4.8	(3.4-6.7)	11.6	(9.5-14.1)
\$50,000 - \$74,999	5.0	(3.7-6.8)	4.6	(3.5-6.0)	3.5	(2.5-4.9)	10.1	(8.3-12.3)
\$75,000 +	1.8	(1.3-2.5)	2.4	(1.9-3.1)	1.6	(1.1-2.1)	4.7	(3.9-5.7)

Among all adults, the proportion who had ever been told by a doctor that...

^a they had a heart attack or myocardial infarction (N = 9,368);

^b they had angina or coronary heart disease (N = 9,342);

^c they had a stroke. (N = 9,396)

^d they had a heart attack, coronary heart disease or a stroke. (N = 9,327)

^e Suppressed due to a denominator < 50 and/or a relative standard error > 30%.

Table 28: Cancer 2021 Michigan BRFS						
	Ever Told Skin Cancer^a		Ever Told Any Other Types of Cancer^b		Ever Told Cancer^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	6.3	(5.8-6.8)	8.2	(7.6-8.8)	13.1	(12.3-13.8)
Age						
18 - 34	-- ^d	-- ^d	2.0	(1.3-3.1)	2.3	(1.5-3.4)
35 - 44	-- ^d	-- ^d	3.2	(2.2-4.7)	4.2	(3.0-5.9)
45 - 54	4.0	(2.9-5.5)	6.4	(5.0-8.1)	9.7	(7.9-11.7)
55 - 64	7.5	(6.4-8.9)	9.1	(7.7-10.8)	15.1	(13.3-17.0)
65 - 74	14.9	(13.2-16.9)	17.9	(15.9-20.1)	29.4	(27.0-31.9)
75 +	20.0	(17.6-22.6)	20.5	(17.9-23.4)	35.0	(31.9-38.3)
Gender						
Male	6.1	(5.4-6.8)	6.4	(5.6-7.2)	11.1	(10.2-12.1)
Female	6.5	(5.8-7.3)	9.9	(9.0-10.9)	14.9	(13.8-16.1)
Race/Ethnicity						
White non-Hispanic	7.9	(7.3-8.5)	9.0	(8.3-9.8)	15.1	(14.2-16.0)
Black non-Hispanic	1.0	(0.6-1.8)	5.2	(3.9-6.9)	6.0	(4.6-7.8)
Other non-Hispanic	-- ^d	-- ^d	4.5	(2.8-7.2)	6.5	(4.3-9.7)
Hispanic	-- ^d	-- ^d	7.6	(4.2-13.3)	8.2	(4.8-13.8)
Education						
Less than high school	4.8	(3.0-7.7)	6.9	(4.6-10.1)	11.0	(8.1-14.9)
High school graduate	5.2	(4.4-6.0)	7.5	(6.5-8.7)	11.4	(10.2-12.7)
Some college	6.4	(5.6-7.4)	9.1	(8.0-10.4)	14.1	(12.7-15.5)
College graduate	7.8	(7.0-8.7)	8.2	(7.3-9.1)	14.2	(13.1-15.4)
Household Income						
< \$20,000	4.8	(3.5-6.6)	8.4	(6.2-11.3)	11.8	(9.3-14.9)
\$20,000 - \$34,999	6.7	(5.4-8.3)	9.9	(8.2-11.8)	14.9	(12.9-17.2)
\$35,000 - \$49,999	6.4	(5.0-8.1)	9.1	(7.4-11.1)	13.8	(11.7-16.1)
\$50,000 - \$74,999	7.1	(5.9-8.7)	8.1	(6.6-10.0)	13.6	(11.7-15.8)
\$75,000 +	5.7	(4.9-6.6)	6.4	(5.5-7.5)	11.1	(9.9-12.4)

^a Among all adults, the proportion who reported ever being told by a doctor that they had skin cancer. (N = 9,400)

^b Among all adults, the proportion who reported ever being told by a doctor that they had a form of cancer other than skin cancer. (N = 9,397)

^c 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 = 9,393)

^d Suppressed due to a denominator < 50 and/or a relative standard error > 30%.

Table 29: Diabetes 2021 Michigan BRFSS		
	Ever Told Diabetes^a	
	%	95% Confidence Interval
Total	10.8	(10.1-11.6)
Age		
18 – 24	-- ^b	-- ^b
25 – 34	1.8	(1.1-3.1)
35 – 44	5.5	(4.1-7.4)
45 – 54	10.2	(8.4-12.4)
55 – 64	17.6	(15.5-19.9)
65 – 74	20.0	(17.7-22.5)
75 +	21.2	(18.4-24.2)
Gender		
Male	11.3	(10.2-12.4)
Female	10.3	(9.3-11.4)
Race/Ethnicity		
White non-Hispanic	10.3	(9.5-11.1)
Black non-Hispanic	16.6	(13.8-19.8)
Other non-Hispanic	6.4	(4.4-9.4)
Hispanic	7.6	(4.4-12.8)
Education		
Less than high school	17.2	(13.1-22.2)
High school graduate	11.9	(10.6-13.3)
Some college	10.8	(9.6-12.1)
College graduate	7.5	(6.7-8.5)
Household Income		
< \$20,000	17.1	(13.9-20.8)
\$20,000 - \$34,999	13.8	(11.8-16.2)
\$35,000 - \$49,999	11.2	(9.2-13.6)
\$50,000 - \$74,999	10.4	(8.6-12.5)
\$75,000 +	7.1	(6.1-8.3)
^a Among all adults, the proportion who reported that they were ever told by a doctor that they had diabetes. Adults told they have prediabetes and women who had diabetes only during pregnancy were classified as not having been diagnosed. (N = 9,397) ^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

Table 30: Kidney Disease 2021 Michigan BRFSS		
	Ever Told Kidney Disease^a	
	%	95% Confidence Interval
Total	3.4	(3.0-3.9)
Age		
18 – 24	--b	--b
25 – 34	--b	--b
35 – 44	1.7	(1.0-2.8)
45 – 54	2.2	(1.5-3.2)
55 – 64	3.9	(3.0-5.1)
65 – 74	6.8	(5.5-8.3)
75 +	10.1	(8.2-12.3)
Gender		
Male	3.2	(2.6-3.9)
Female	3.6	(3.1-4.3)
Race/Ethnicity		
White non-Hispanic	3.4	(3.0-3.9)
Black non-Hispanic	4.0	(2.9-5.6)
Other non-Hispanic	1.9	(1.1-3.3)
Hispanic	--b	--b
Education		
Less than high school	4.7	(2.9-7.4)
High school graduate	3.8	(3.0-4.7)
Some college	3.4	(2.8-4.2)
College graduate	2.6	(2.1-3.2)
Household Income		
< \$20,000	6.2	(4.3-8.8)
\$20,000 - \$34,999	4.2	(3.2-5.5)
\$35,000 - \$49,999	3.9	(2.8-5.4)
\$50,000 - \$74,999	3.2	(2.3-4.4)
\$75,000 +	2.1	(1.6-2.8)
^a Among all adults, the proportion who reported ever being told by a doctor that they had kidney disease. (N = 9,392)		
^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

Table 31: Depression 2021 Michigan BRFSS		
	Ever Told Depression^a	
	%	95% Confidence Interval
Total	22.6	(21.5-23.8)
Age		
18 – 24	29.9	(25.5-34.7)
25 – 34	28.4	(25.2-31.9)
35 – 44	26.5	(23.5-29.8)
45 – 54	23.4	(20.9-26.1)
55 – 64	19.9	(17.8-22.1)
65 – 74	17.9	(15.9-20.2)
75 +	11.8	(9.8-14.1)
Gender		
Male	16.3	(14.9-17.9)
Female	28.6	(27.0-30.3)
Race/Ethnicity		
White non-Hispanic	23.5	(22.2-24.8)
Black non-Hispanic	17.4	(14.6-20.8)
Other non-Hispanic	16.9	(12.8-21.9)
Hispanic	29.5	(23.0-37.0)
Education		
Less than high school	35.0	(29.3-41.1)
High school graduate	22.0	(20.1-24.1)
Some college	23.0	(21.1-25.0)
College graduate	18.7	(17.3-20.2)
Household Income		
< \$20,000	36.0	(31.6-40.7)
\$20,000 - \$34,999	27.2	(24.3-30.4)
\$35,000 - \$49,999	22.8	(19.7-26.2)
\$50,000 - \$74,999	23.5	(20.5-26.8)
\$75,000 +	17.2	(15.4-19.1)
^a Among all adults, the proportion who reported ever being told by a doctor that they had a depressive disorder including depression, major depression, dysthymia, or minor depression. (N = 9,380)		