

Prevalence Estimates for Risk Factors and Health Indicators

State of Michigan

Selected Tables

Michigan Behavioral Risk Factor Survey

2014

Chronic Disease Epidemiology Section
Lifecourse Epidemiology and Genomics Division
Bureau of Disease Control, Prevention, and Epidemiology
Michigan Department of Health and Human Services

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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.

In 2014, the total sample size of completed interviews for the core survey was 8,466 (land line = 4,973; cell phone = 3,493). 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 8,466. 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 2014 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 2014 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 2014 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 2011-2013 and not 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 Chris Fussman at MDHHS, by phone, 517-335-8144, or by email, MIBRFSS@michigan.gov.

Table 1: Health Status 2014 Michigan BRFSS		
	General Health, Fair or Poor^a	
	%	95% Confidence Interval
Total	16.8	(15.8-17.8)
Age		
18 – 24	7.8	(5.6-10.7)
25 – 34	13.2	(10.4-16.6)
35 – 44	11.9	(9.3-15.0)
45 – 54	19.0	(16.6-21.7)
55 – 64	22.3	(20.1-24.7)
65 – 74	20.3	(18.0-22.8)
75 +	25.1	(22.1-28.3)
Gender		
Male	16.8	(15.3-18.4)
Female	16.7	(15.4-18.1)
Race/Ethnicity		
White non-Hispanic	15.3	(14.2-16.4)
Black non-Hispanic	24.3	(20.7-28.2)
Other non-Hispanic	14.4	(10.9-18.7)
Hispanic	24.2	(16.7-33.7)
Education		
Less than high school	33.2	(28.3-38.6)
High school graduate	19.7	(17.9-21.6)
Some college	14.9	(13.4-16.5)
College graduate	7.6	(6.7-8.7)
Household Income		
< \$20,000	32.8	(29.4-36.5)
\$20,000 - \$34,999	20.9	(18.5-23.6)
\$35,000 - \$49,999	15.6	(13.1-18.5)
\$50,000 - \$74,999	9.1	(7.2-11.4)
\$75,000 +	7.4	(6.1-8.9)
^a Among all adults, the proportion who reported that their health, in general, was either fair or poor. (N = 8,454)		

**Table 2: Health Status on at Least 14 Days in the Past Month
2014 Michigan BRFSS**

	Poor Physical Health ^a		Poor Mental Health ^b		Activity Limitation ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	12.6	(11.8-13.6)	12.9	(11.9-14.0)	8.7	(8.0-9.6)
Age						
18 – 24	5.9	(4.0-8.6)	17.5	(14.0-21.7)	3.3	(1.9-5.8)
25 – 34	7.7	(5.5-10.5)	13.0	(10.3-16.2)	4.7	(3.2-6.8)
35 – 44	9.0	(7.0-11.5)	15.0	(12.1-18.4)	7.8	(5.7-10.4)
45 – 54	16.9	(14.6-19.5)	14.1	(12.0-16.5)	13.3	(11.1-15.7)
55 – 64	17.7	(15.7-19.9)	13.3	(11.5-15.3)	12.8	(11.0-14.8)
65 – 74	14.4	(12.4-16.7)	7.9	(6.3-9.9)	8.0	(6.5-9.7)
75 +	17.0	(14.5-19.8)	5.8	(4.4-7.7)	9.8	(7.8-12.2)
Gender						
Male	11.5	(10.2-12.9)	11.0	(9.6-12.5)	7.9	(6.9-9.1)
Female	13.7	(12.5-15.0)	14.7	(13.3-16.2)	9.5	(8.4-10.6)
Race/Ethnicity						
White non-Hispanic	11.6	(10.8-12.6)	12.1	(11.1-13.2)	8.2	(7.4-9.0)
Black non-Hispanic	15.5	(12.7-18.9)	14.9	(11.9-18.6)	11.9	(9.2-15.2)
Other non-Hispanic	14.6	(10.7-19.6)	15.9	(11.8-21.0)	10.1	(7.0-14.4)
Hispanic	16.1	(9.8-25.3)	18.6	(11.7-28.3)	-- ^d	-- ^d
Education						
Less than high school	25.8	(21.3-30.8)	27.2	(22.3-32.9)	20.7	(16.6-25.6)
High school graduate	14.0	(12.5-15.7)	13.3	(11.7-15.1)	8.8	(7.6-10.1)
Some college	11.5	(10.2-13.0)	12.0	(10.5-13.7)	7.8	(6.8-9.1)
College graduate	6.2	(5.4-7.2)	6.9	(5.9-8.0)	4.2	(3.5-5.0)
Household Income						
< \$20,000	27.7	(24.4-31.3)	25.0	(21.6-28.7)	21.3	(18.3-24.7)
\$20,000 - \$34,999	15.3	(13.2-17.6)	13.7	(11.5-16.2)	10.0	(8.2-12.0)
\$35,000 - \$49,999	11.3	(9.3-13.8)	13.3	(10.7-16.4)	7.2	(5.6-9.3)
\$50,000 - \$74,999	7.0	(5.5-8.9)	8.5	(6.5-11.1)	4.4	(3.2-5.9)
\$75,000 +	4.4	(3.5-5.6)	6.3	(5.1-7.9)	2.8	(2.1-3.7)

^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 = 8,340)

^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 = 8,336)

^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 = 8,388)

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

**Table 3: Mean Number of Days of Poor Physical Health, Poor Mental Health, and Activity Limitations
2014 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	4.0	(3.8-4.3)	4.1	(3.9-4.4)	2.6	(2.5-2.8)
Age						
18 - 24	2.3	(1.8-2.9)	5.2	(4.4-6.0)	1.3	(0.9-1.8)
25 - 34	2.8	(2.2-3.4)	4.5	(3.8-5.3)	1.7	(1.2-2.1)
35 - 44	3.0	(2.5-3.6)	4.8	(4.0-5.5)	2.4	(1.9-2.9)
45 - 54	5.0	(4.4-5.7)	4.6	(4.0-5.2)	3.8	(3.2-4.4)
55 - 64	5.4	(4.8-5.9)	4.1	(3.6-4.5)	3.6	(3.2-4.1)
65 - 74	4.6	(4.0-5.1)	2.6	(2.2-3.0)	2.5	(2.1-2.9)
75 +	5.2	(4.4-5.9)	1.9	(1.4-2.3)	2.8	(2.2-3.4)
Gender						
Male	3.7	(3.3-4.0)	3.6	(3.2-3.9)	2.4	(2.1-2.7)
Female	4.4	(4.1-4.7)	4.7	(4.3-5.0)	2.9	(2.6-3.2)
Race/Ethnicity						
White non-Hispanic	3.8	(3.6-4.1)	3.9	(3.7-4.2)	2.5	(2.3-2.7)
Black non-Hispanic	4.7	(3.9-5.4)	4.6	(3.8-5.5)	3.4	(2.7-4.1)
Other non-Hispanic	4.3	(3.3-5.4)	4.9	(3.8-5.9)	3.1	(2.1-4.1)
Hispanic	5.0	(3.0-6.9)	5.9	(3.9-8.0)	2.1	(1.1-3.1)
Education						
Less than high school	7.3	(6.1-8.6)	7.3	(6.0-8.5)	5.4	(4.3-6.4)
High school graduate	4.5	(4.1-4.9)	4.3	(3.9-4.7)	2.8	(2.5-3.1)
Some college	3.8	(3.5-4.2)	4.1	(3.7-4.5)	2.5	(2.2-2.7)
College graduate	2.2	(2.0-2.5)	2.5	(2.3-2.7)	1.4	(1.2-1.6)
Household Income						
< \$20,000	8.1	(7.2-8.9)	7.5	(6.6-8.4)	5.9	(5.2-6.7)
\$20,000 - \$34,999	4.8	(4.2-5.3)	4.4	(3.9-5.0)	3.0	(2.6-3.5)
\$35,000 - \$49,999	3.8	(3.2-4.4)	4.3	(3.6-5.0)	2.4	(1.9-2.9)
\$50,000 - \$74,999	2.5	(2.0-2.9)	2.9	(2.3-3.4)	1.5	(1.1-1.8)
\$75,000 +	1.8	(1.6-2.1)	2.4	(2.1-2.7)	1.0	(0.8-1.3)

^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 = 8,340)

^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 = 8,336)

^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 = 8,388)

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Table 4: Disability 2014 Michigan BRFSS						
	Total Disability^a		Any Activity Limitation^b		Used Special Equipment^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	24.9	(23.8-26.1)	22.5	(21.4-23.6)	10.0	(9.2-10.7)
Age						
18 - 24	10.0	(7.4-13.5)	9.0	(6.5-12.4)	-- ^d	-- ^d
25 - 34	15.6	(12.7-19.0)	14.4	(11.6-17.8)	3.3	(2.1-5.1)
35 - 44	18.8	(15.7-22.2)	16.4	(13.6-19.8)	6.7	(4.9-9.1)
45 - 54	25.6	(23.0-28.5)	24.8	(22.1-27.6)	9.9	(8.1-12.1)
55 - 64	33.1	(30.6-35.6)	30.2	(27.8-32.7)	15.1	(13.2-17.1)
65 - 74	36.0	(33.3-38.9)	32.1	(29.5-34.9)	14.7	(12.7-16.9)
75 +	42.1	(38.8-45.5)	34.9	(31.7-38.2)	24.0	(21.2-27.1)
Gender						
Male	25.1	(23.3-26.9)	22.2	(20.5-23.9)	10.1	(9.0-11.4)
Female	24.8	(23.3-26.3)	22.7	(21.3-24.2)	9.8	(8.9-10.8)
Race/Ethnicity						
White non-Hispanic	24.9	(23.7-26.2)	22.5	(21.4-23.8)	9.4	(8.6-10.2)
Black non-Hispanic	25.2	(21.7-29.0)	23.0	(19.6-26.8)	13.6	(11.1-16.6)
Other non-Hispanic	22.8	(18.3-28.1)	19.7	(15.5-24.8)	9.7	(6.9-13.5)
Hispanic	23.3	(16.2-32.3)	21.2	(14.4-30.2)	7.0	(3.9-12.3)
Education						
Less than high school	39.5	(34.2-45.1)	34.9	(29.8-40.4)	18.1	(14.6-22.3)
High school graduate	27.1	(25.0-29.2)	24.4	(22.4-26.4)	10.7	(9.4-12.1)
Some college	22.9	(21.1-24.8)	21.2	(19.4-23.0)	9.0	(7.9-10.3)
College graduate	18.1	(16.6-19.6)	16.0	(14.6-17.4)	6.4	(5.5-7.3)
Household Income						
< \$20,000	45.2	(41.4-49.1)	41.4	(37.6-45.2)	20.4	(17.7-23.3)
\$20,000 - \$34,999	29.4	(26.6-32.2)	26.4	(23.8-29.2)	11.9	(10.2-13.8)
\$35,000 - \$49,999	23.6	(20.8-26.7)	22.0	(19.2-24.9)	8.8	(7.0-10.9)
\$50,000 - \$74,999	16.1	(13.8-18.8)	14.8	(12.6-17.4)	5.0	(3.8-6.6)
\$75,000 +	14.0	(12.4-15.8)	12.2	(10.7-13.9)	4.4	(3.5-5.5)

^a Among all adults, the proportion who reported being limited in any activities because of physical, mental, or emotional problems, or reported that they required use of special equipment (such as a cane, a wheelchair, a special bed, or a special telephone) due to a health problem. (N = 8,284)

^b Among all adults, the proportion who reported being limited in any activities because of physical, mental, or emotional problems. (N = 8,287)

^c Among all adults, the proportion who reported that they required use of special equipment (such as a can, a wheelchair, a special bed, or a special telephone) due to a health problem. (N = 8,308)

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

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Table 5: Weight Status 2014 Michigan BRFSS								
	Obese ^a		Overweight ^b		Healthy Weight ^c		Underweight ^d	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	30.7	(29.4-32.0)	34.9	(33.6-36.2)	32.5	(31.2-33.8)	1.9	(1.5-2.4)
Age								
18 - 24	11.6	(8.9-14.9)	20.8	(17.2-24.9)	62.7	(58.0-67.2)	4.9	(3.2-7.4)
25 - 34	29.0	(25.2-33.2)	35.0	(30.9-39.3)	33.1	(29.3-37.2)	2.9	(1.7-4.9)
35 - 44	33.2	(29.4-37.2)	36.0	(32.1-40.0)	29.6	(26.0-33.5)	-- ^e	-- ^e
45 - 54	36.4	(33.4-39.4)	37.1	(34.1-40.2)	25.6	(23.0-28.3)	1.0	(0.5-1.8)
55 - 64	36.2	(33.6-38.8)	36.7	(34.2-39.3)	25.8	(23.5-28.2)	1.4	(0.8-2.3)
65 - 74	38.7	(35.9-41.6)	38.8	(36.0-41.7)	21.3	(19.2-23.6)	-- ^e	-- ^e
75 +	24.6	(21.7-27.7)	41.4	(38.0-44.9)	32.8	(29.7-36.1)	1.2	(0.7-2.0)
Gender								
Male	30.8	(29.0-32.8)	40.5	(38.5-42.6)	27.4	(25.5-29.3)	1.3	(0.8-2.0)
Female	30.6	(28.9-32.3)	29.2	(27.6-31.0)	37.6	(35.7-39.5)	2.6	(2.0-3.4)
Race/Ethnicity								
White non-Hispanic	30.2	(28.8-31.6)	34.8	(33.3-36.2)	33.5	(32.0-35.0)	1.6	(1.2-2.1)
Black non-Hispanic	33.6	(29.6-37.7)	36.6	(32.3-41.0)	27.4	(23.5-31.8)	2.4	(1.3-4.3)
Other non-Hispanic	27.2	(22.1-33.0)	29.6	(24.3-35.5)	37.2	(31.1-43.7)	6.0	(3.3-10.6)
Hispanic	36.8	(27.8-46.9)	33.9	(25.3-43.8)	26.1	(19.1-34.6)	-- ^e	-- ^e
Education								
< High school	29.4	(24.5-34.7)	35.5	(30.1-41.3)	31.7	(26.5-37.3)	3.5	(1.9-6.2)
High school graduate	33.6	(31.3-35.9)	34.2	(31.9-36.6)	30.5	(28.1-32.9)	1.8	(1.2-2.7)
Some college	32.4	(30.2-34.7)	33.3	(31.1-35.6)	32.2	(29.9-34.5)	2.1	(1.4-3.1)
College graduate	25.2	(23.4-27.1)	37.8	(35.7-39.8)	36.0	(34.0-38.0)	1.0	(0.7-1.6)
Household Income								
< \$20,000	32.2	(28.8-35.8)	30.6	(27.0-34.3)	33.3	(29.6-37.2)	3.9	(2.6-5.9)
\$20,000 - \$34,999	35.9	(32.8-39.0)	33.3	(30.3-36.4)	28.8	(26.0-31.9)	2.0	(1.2-3.4)
\$35,000 - \$49,999	32.8	(29.4-36.3)	37.2	(33.6-40.9)	28.7	(25.4-32.3)	-- ^e	-- ^e
\$50,000 - \$74,999	30.7	(27.4-34.2)	34.9	(31.5-38.5)	33.5	(30.0-37.2)	-- ^e	-- ^e
\$75,000 +	27.5	(25.2-29.9)	38.2	(35.7-40.7)	33.0	(30.6-35.6)	1.3	(0.8-2.2)

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 = 8,024)

^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 Access
2014 Michigan BRFSS**

	No Health Care Coverage ^a (Among 18 - 64 year olds)		No Personal Health Care Provider ^b		No Health Care Access During Past 12 Months Due to Cost ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	12.7	(11.6-14.0)	16.1	(15.0-17.3)	14.6	(13.6-15.7)
Age						
18 - 24	13.8	(10.8-17.4)	27.0	(23.1-31.3)	13.1	(10.3-16.7)
25 - 34	17.8	(14.6-21.5)	33.0	(29.1-37.2)	23.5	(20.1-27.4)
35 - 44	13.6	(11.0-16.6)	18.4	(15.4-22.0)	17.3	(14.3-20.9)
45 - 54	10.8	(8.9-13.1)	13.2	(11.2-15.6)	16.3	(14.1-18.8)
55 - 64	8.6	(7.1-10.5)	9.0	(7.4-10.8)	13.9	(12.0-16.0)
65 - 74	---	---	3.9	(2.8-5.5)	6.8	(5.4-8.5)
75 +	---	---	2.7	(1.9-4.0)	4.3	(2.9-6.4)
Gender						
Male	15.1	(13.3-17.1)	21.4	(19.6-23.3)	14.1	(12.6-15.7)
Female	10.3	(9.0-11.9)	11.1	(9.9-12.5)	15.0	(13.6-16.6)
Race/Ethnicity						
White non-Hispanic	11.3	(10.1-12.6)	14.2	(13.1-15.5)	13.0	(11.9-14.1)
Black non-Hispanic	17.6	(14.0-21.9)	22.6	(18.8-26.9)	19.1	(15.7-23.0)
Other non-Hispanic	11.6	(7.9-16.6)	21.3	(16.7-26.8)	15.1	(11.3-19.9)
Hispanic	24.5	(16.6-34.6)	25.1	(17.9-34.0)	29.9	(21.6-39.8)
Education						
Less than high school	23.8	(18.4-30.1)	19.8	(15.5-24.9)	25.5	(20.8-30.9)
High school graduate	17.4	(15.2-19.9)	19.7	(17.6-21.9)	15.1	(13.4-17.0)
Some college	10.6	(9.0-12.5)	14.9	(13.2-16.9)	15.1	(13.4-16.9)
College graduate	4.9	(3.9-6.1)	11.4	(10.0-13.0)	7.8	(6.8-9.0)
Household Income						
< \$20,000	23.1	(19.5-27.1)	24.1	(20.8-27.8)	26.9	(23.5-30.6)
\$20,000 - \$34,999	22.3	(18.9-26.2)	20.5	(17.8-23.5)	22.9	(20.1-26.0)
\$35,000 - \$49,999	12.7	(9.8-16.2)	12.8	(10.3-15.8)	11.6	(9.4-14.1)
\$50,000 - \$74,999	6.4	(4.6-9.0)	14.1	(11.5-17.1)	10.1	(8.0-12.6)
\$75,000 +	2.7	(1.8-4.0)	9.8	(8.2-11.7)	4.8	(3.7-6.3)

^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 = 5,447)

^b 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 = 8,422)

^c 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 = 8,444)

Table 7: No Leisure Time Physical Activity 2014 Michigan BRFSS		
	No Leisure Time Physical Activity^a	
	%	95% Confidence Interval
Total	25.5	(24.3-26.7)
Age		
18 – 24	16.3	(13.0-20.3)
25 – 34	22.9	(19.4-26.8)
35 – 44	23.6	(20.1-27.5)
45 – 54	24.8	(22.1-27.8)
55 – 64	27.3	(24.9-29.8)
65 – 74	29.6	(27.0-32.4)
75 +	41.0	(37.7-44.5)
Gender		
Male	23.6	(21.9-25.5)
Female	27.2	(25.5-28.9)
Race/Ethnicity		
White non-Hispanic	23.6	(22.4-24.9)
Black non-Hispanic	34.3	(30.1-38.7)
Other non-Hispanic	26.7	(21.3-32.9)
Hispanic	28.2	(20.0-38.3)
Education		
Less than high school	45.9	(40.4-51.5)
High school graduate	32.8	(30.5-35.1)
Some college	21.4	(19.6-23.4)
College graduate	11.8	(10.6-13.1)
Household Income		
< \$20,000	40.0	(36.3-43.9)
\$20,000 - \$34,999	30.7	(27.8-33.8)
\$35,000 - \$49,999	27.2	(23.9-30.7)
\$50,000 - \$74,999	20.2	(17.4-23.3)
\$75,000 +	13.5	(11.7-15.5)
^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 = 8,455)		

**Table 8: Cigarette Smoking
2014 Michigan BRFSS**

	Current Smoking ^a		Former Smoking ^b		Never Smoked	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	21.2	(20.0-22.5)	26.7	(25.5-27.8)	52.1	(50.8-53.5)
Age						
18 – 24	21.5	(17.7-25.8)	5.9	(4.1-8.5)	72.6	(68.1-76.7)
25 – 34	31.4	(27.4-35.7)	16.0	(13.1-19.5)	52.6	(48.3-56.9)
35 – 44	25.5	(22.0-29.4)	22.8	(19.5-26.5)	51.7	(47.6-55.7)
45 – 54	24.0	(21.3-26.9)	24.8	(22.2-27.6)	51.2	(48.1-54.3)
55 – 64	20.4	(18.2-22.9)	35.6	(33.1-38.2)	43.9	(41.4-46.6)
65 – 74	11.1	(9.2-13.3)	45.5	(42.6-48.3)	43.4	(40.6-46.3)
75 +	6.0	(4.5-8.0)	44.2	(40.8-47.6)	49.8	(46.4-53.3)
Gender						
Male	23.7	(21.8-25.7)	28.9	(27.2-30.7)	47.4	(45.3-49.4)
Female	18.9	(17.3-20.5)	24.5	(23.0-26.0)	56.6	(54.8-58.5)
Race/Ethnicity						
White non-Hispanic	20.1	(18.8-21.5)	29.2	(27.9-30.5)	50.7	(49.2-52.2)
Black non-Hispanic	22.3	(18.7-26.4)	20.3	(17.1-23.8)	57.4	(53.0-61.7)
Other non-Hispanic	26.2	(20.7-32.5)	13.6	(10.0-18.2)	60.2	(53.9-66.3)
Hispanic	32.4	(23.5-42.8)	14.2	(8.9-21.8)	53.4	(43.6-63.1)
Education						
Less than high school	42.9	(37.2-48.7)	26.2	(21.8-31.2)	30.9	(25.7-36.7)
High school graduate	26.7	(24.5-29.1)	28.8	(26.7-31.0)	44.4	(42.0-47.0)
Some college	18.7	(16.9-20.7)	27.2	(25.2-29.2)	54.1	(51.7-56.5)
College graduate	7.2	(6.2-8.4)	23.4	(21.8-25.1)	69.4	(67.5-71.2)
Household Income						
< \$20,000	36.4	(32.6-40.3)	23.1	(20.2-26.3)	40.5	(36.7-44.4)
\$20,000 - \$34,999	26.2	(23.2-29.5)	28.1	(25.4-30.9)	45.7	(42.5-48.9)
\$35,000 - \$49,999	21.3	(18.2-24.7)	32.7	(29.3-36.3)	46.0	(42.4-49.7)
\$50,000 - \$74,999	18.3	(15.4-21.7)	28.8	(25.7-32.0)	52.9	(49.2-56.6)
\$75,000 +	10.8	(9.1-12.7)	25.8	(23.7-28.1)	63.4	(60.9-65.9)

^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 = 8,231)

^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 = 8,231)

Table 9: Current Smokers Who Attempted to Quit 2014 Michigan BRFSS		
	Tried to Quit Smoking One Day or Longer in Past Year^a	
	%	95% Confidence Interval
Total	61.5	(58.1-64.8)
Age		
18 – 24	63.1	(52.0-72.9)
25 – 34	64.5	(56.0-72.1)
35 – 44	59.4	(50.6-67.7)
45 – 54	60.1	(53.2-66.5)
55 – 64	59.6	(53.0-65.8)
65 – 74	64.3	(55.0-72.6)
75 +	60.7	(44.7-74.6)
Gender		
Male	60.3	(55.5-65.0)
Female	62.9	(58.0-67.5)
Race/Ethnicity		
White non-Hispanic	60.9	(57.1-64.6)
Black non-Hispanic	63.9	(53.3-73.3)
Other non-Hispanic	61.0	(47.1-73.4)
Hispanic	-- ^b	-- ^b
Education		
Less than high school	62.3	(52.9-70.8)
High school graduate	59.2	(54.0-64.1)
Some college	63.1	(57.4-68.5)
College graduate	65.4	(57.6-72.5)
Household Income		
< \$20,000	61.5	(54.5-68.0)
\$20,000 - \$34,999	65.5	(58.3-72.1)
\$35,000 - \$49,999	57.2	(48.3-65.6)
\$50,000 - \$74,999	65.8	(56.4-74.1)
\$75,000 +	61.8	(53.0-70.0)
^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 = 1,291)		
^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

Table 10: Smokeless Tobacco Use 2014 Michigan BRFSS		
	Current Smokeless Tobacco Use^a	
	%	95% Confidence Interval
Total	4.2	(3.6-4.9)
Age		
18 – 24	7.2	(5.2-9.8)
25 – 34	7.1	(5.1-10.0)
35 – 44	5.1	(3.4-7.8)
45 – 54	4.4	(3.3-6.0)
55 – 64	2.1	(1.5-3.1)
65 – 74	--b	--b
75 +	--b	--b
Gender		
Male	7.4	(6.2-8.7)
Female	1.3	(0.9-1.8)
Race/Ethnicity		
White non-Hispanic	4.4	(3.7-5.2)
Black non-Hispanic	--b	--b
Other non-Hispanic	--b	--b
Hispanic	--b	--b
Education		
Less than high school	5.3	(3.1-9.1)
High school graduate	5.3	(4.2-6.6)
Some college	4.4	(3.4-5.7)
College graduate	2.1	(1.5-2.9)
Household Income		
< \$20,000	4.6	(3.0-6.9)
\$20,000 - \$34,999	4.4	(3.1-6.1)
\$35,000 - \$49,999	4.1	(2.7-6.1)
\$50,000 - \$74,999	6.1	(4.2-8.8)
\$75,000 +	3.3	(2.4-4.5)
^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 = 8,276)		
^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

**Table 11: Alcohol Consumption
2014 Michigan BRFSS**

	Any Alcohol in Past Month ^a		Heavy Drinking ^b		Binge Drinking ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	57.0	(55.6-58.3)	6.8	(6.1-7.6)	18.9	(17.8-20.1)
Age						
18 – 24	55.7	(50.9-60.4)	10.4	(7.9-13.6)	29.3	(25.2-33.7)
25 – 34	66.7	(62.6-70.5)	6.9	(4.9-9.6)	29.2	(25.4-33.3)
35 – 44	64.1	(60.1-67.9)	7.2	(5.3-9.7)	23.1	(19.7-26.9)
45 – 54	62.2	(59.2-65.2)	6.7	(5.4-8.4)	21.3	(18.8-23.9)
55 – 64	54.5	(51.8-57.1)	7.0	(5.7-8.6)	13.0	(11.3-15.0)
65 – 74	47.0	(44.2-49.9)	5.3	(4.1-6.9)	6.7	(5.4-8.3)
75 +	38.4	(35.1-41.7)	2.8	(1.9-4.0)	2.5	(1.7-3.6)
Gender						
Male	61.5	(59.5-63.5)	7.5	(6.5-8.8)	24.0	(22.1-25.9)
Female	52.7	(50.8-54.5)	6.1	(5.2-7.1)	14.3	(12.9-15.8)
Race/Ethnicity						
White non-Hispanic	58.8	(57.3-60.2)	7.3	(6.5-8.1)	19.6	(18.3-20.9)
Black non-Hispanic	50.9	(46.5-55.3)	4.8	(3.0-7.5)	12.8	(9.8-16.5)
Other non-Hispanic	45.8	(39.7-52.1)	-- ^d	-- ^d	17.8	(13.3-23.4)
Hispanic	60.6	(51.0-69.4)	-- ^d	-- ^d	29.2	(20.4-39.9)
Education						
Less than high school	41.8	(36.1-47.8)	7.6	(4.9-11.5)	16.6	(12.3-22.1)
High school graduate	47.9	(45.4-50.4)	6.7	(5.5-8.2)	18.5	(16.5-20.7)
Some college	60.7	(58.4-63.0)	7.3	(6.1-8.7)	20.2	(18.3-22.4)
College graduate	70.2	(68.4-72.1)	5.9	(5.0-6.9)	18.7	(17.0-20.5)
Household Income						
< \$20,000	47.4	(43.5-51.4)	6.9	(5.1-9.4)	17.6	(14.5-21.2)
\$20,000 - \$34,999	49.5	(46.3-52.7)	7.2	(5.6-9.2)	16.9	(14.3-19.8)
\$35,000 - \$49,999	53.7	(50.0-57.4)	7.0	(5.2-9.4)	17.5	(14.7-20.8)
\$50,000 - \$74,999	65.0	(61.4-68.5)	7.2	(5.4-9.5)	20.8	(17.7-24.2)
\$75,000 +	72.2	(69.7-74.6)	7.9	(6.5-9.4)	24.1	(21.9-26.5)

^a Among all adults, the proportion who reported consuming at least one drink of any alcoholic beverage in the previous month. (N = 8,225)

^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 = 8,153)

^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 = 8,162)

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

Table 12: Mean Number of Binge Drinking Occasions during the Past Month among Binge Drinkers 2014 Michigan BRFSS		
	Number of Binge Drinking Occasions^a	
	Mean	95% Confidence Interval
Total	4.5	(4.1-4.9)
Age		
18 – 24	4.6	(3.7-5.4)
25 – 34	3.7	(2.8-4.7)
35 – 44	4.6	(3.4-5.7)
45 – 54	4.6	(3.7-5.6)
55 – 64	5.1	(3.7-6.5)
65 – 74	5.8	(4.0-7.6)
75+	--b	--b
Gender		
Male	5.1	(4.5-5.7)
Female	3.6	(3.0-4.1)
Race/Ethnicity		
White non-Hispanic	4.5	(4.0-4.9)
Black non-Hispanic	5.6	(3.3-7.8)
Other non-Hispanic	--b	--b
Hispanic	--b	--b
Education		
Less than high school	--b	--b
High school graduate	4.8	(4.1-5.6)
Some college	4.4	(3.7-5.1)
College graduate	3.2	(2.7-3.6)
Household Income		
< \$20,000	6.5	(4.7-8.3)
\$20,000 - \$34,999	5.1	(4.1-6.1)
\$35,000 - \$49,999	4.6	(3.3-5.8)
\$50,000 - \$74,999	4.2	(3.2-5.1)
\$75,000 +	3.7	(3.1-4.3)
^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 = 1,185)		
^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

Table 13: Drove Motor Vehicle After Drinking 2014 Michigan BRFSS		
	Drove Motor Vehicle After Drinking^a	
	%	95% Confidence Interval
Total	2.2	(1.8-2.7)
Age		
18 – 24	2.5	(1.5-4.2)
25 – 34	2.0	(1.2-3.3)
35 – 44	3.7	(2.4-5.7)
45 – 54	2.8	(1.9-3.9)
55 – 64	1.7	(1.2-2.5)
65 – 74	1.6	(1.0-2.4)
75 +	--b	--b
Gender		
Male	3.4	(2.8-4.2)
Female	1.1	(0.7-1.6)
Race/Ethnicity		
White non-Hispanic	2.1	(1.7-2.6)
Black non-Hispanic	2.3	(1.3-4.0)
Other non-Hispanic	--b	--b
Hispanic	--b	--b
Education		
Less than high school	--b	--b
High school graduate	2.2	(1.5-3.1)
Some college	2.3	(1.6-3.2)
College graduate	2.7	(2.0-3.5)
Household Income		
< \$20,000	1.7	(1.0-2.8)
\$20,000 - \$34,999	1.9	(1.2-3.0)
\$35,000 - \$49,999	2.8	(1.6-4.7)
\$50,000 - \$74,999	2.6	(1.7-4.1)
\$75,000 +	2.7	(2.0-3.7)
^a Among all adults, the proportion who reported that they had driven when they'd had too much to drink at least once in the previous month. (N = 8,221) ^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

Table 14: Seatbelt Use 2014 Michigan BRFSS		
	Always Uses a Seatbelt^a	
	%	95% Confidence Interval
Total	87.7	(86.7-88.7)
Age		
18 – 24	78.0	(73.6-81.8)
25 – 34	83.3	(79.5-86.6)
35 – 44	88.2	(85.2-90.7)
45 – 54	90.0	(87.9-91.7)
55 – 64	90.9	(89.1-92.4)
65 – 74	91.9	(90.2-93.3)
75 +	92.4	(90.3-94.0)
Gender		
Male	84.1	(82.4-85.7)
Female	91.1	(89.8-92.3)
Race/Ethnicity		
White non-Hispanic	88.4	(87.2-89.4)
Black non-Hispanic	85.0	(81.5-88.0)
Other non-Hispanic	85.6	(80.5-89.6)
Hispanic	85.3	(74.9-91.8)
Education		
Less than high school	81.1	(75.8-85.5)
High school graduate	86.6	(84.6-88.4)
Some college	87.9	(86.1-89.4)
College graduate	92.2	(91.0-93.3)
Household Income		
< \$20,000	83.4	(79.8-86.4)
\$20,000 - \$34,999	88.0	(85.6-90.0)
\$35,000 - \$49,999	86.6	(83.5-89.1)
\$50,000 - \$74,999	88.5	(85.9-90.8)
\$75,000 +	89.6	(87.7-91.3)
^a Among all adults, the proportion who reported always using a seatbelt when driving or riding in a car. (N = 8,219)		

Table 15: No Routine Checkup in Past Year 2014 Michigan BRFSS		
	Had No Routine Checkup in Past Year^a	
	%	95% Confidence Interval
Total	28.2	(27.0-29.5)
Age		
18 - 24	37.3	(32.9-41.9)
25 - 34	41.8	(37.7-46.0)
35 - 44	35.9	(32.1-39.9)
45 - 54	27.6	(25.0-30.5)
55 - 64	22.0	(19.9-24.3)
65 - 74	13.3	(11.4-15.4)
75 +	11.3	(9.3-13.7)
Gender		
Male	33.4	(31.4-35.4)
Female	23.4	(21.9-25.0)
Race/Ethnicity		
White non-Hispanic	29.6	(28.2-31.0)
Black non-Hispanic	19.6	(16.2-23.6)
Other non-Hispanic	30.3	(24.8-36.5)
Hispanic	28.5	(20.9-37.5)
Education		
Less than high school	28.5	(23.6-33.9)
High school graduate	28.7	(26.4-31.1)
Some college	29.5	(27.3-31.8)
College graduate	25.6	(23.8-27.5)
Household Income		
< \$20,000	32.3	(28.7-36.1)
\$20,000 - \$34,999	29.3	(26.4-32.4)
\$35,000 - \$49,999	28.8	(25.3-32.4)
\$50,000 - \$74,999	32.4	(28.9-36.1)
\$75,000 +	24.3	(22.1-26.7)
^a Among all adults, the proportion who reported that they did not have a routine checkup in the past year. (N = 8,370)		

Table 16: Clinical Breast Exam Indicators Among Women Aged 20 Years and Older 2014 Michigan BRFS				
	Ever Had Clinical Breast Exam^a		Had Appropriately Timed Clinical Breast Exam^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	91.1	(89.9-92.2)	65.4	(63.6-67.2)
Age				
20 - 29	75.0	(69.5-79.8)	67.8	(61.8-73.3)
30 - 39	90.7	(86.6-93.6)	82.5	(77.5-86.5)
40 - 49	95.6	(93.2-97.2)	60.7	(55.6-65.7)
50 - 59	95.6	(93.6-97.0)	64.6	(60.9-68.1)
60 - 69	96.8	(95.4-97.8)	67.9	(64.4-71.1)
70 +	90.8	(88.7-92.5)	50.8	(47.4-54.3)
Race/Ethnicity				
White non-Hispanic	92.7	(91.5-93.8)	65.6	(63.6-67.5)
Black non-Hispanic	87.2	(82.6-90.7)	63.9	(57.7-69.6)
Other non-Hispanic	78.7	(69.6-85.6)	64.8	(55.3-73.3)
Hispanic	-- ^c	-- ^c	72.9	(59.8-82.9)
Education				
Less than high school	86.1	(79.7-90.8)	47.6	(39.5-55.9)
High school graduate	90.8	(88.7-92.6)	61.3	(58.0-64.4)
Some college	90.7	(88.4-92.5)	67.7	(64.7-70.6)
College graduate	94.5	(92.6-95.8)	74.8	(72.3-77.1)
Household Income				
< \$20,000	83.0	(78.7-86.5)	49.5	(44.3-54.6)
\$20,000 - \$34,999	90.8	(87.6-93.2)	62.2	(58.0-66.3)
\$35,000 - \$49,999	92.5	(89.3-94.7)	67.6	(62.7-72.2)
\$50,000 - \$74,999	94.1	(90.9-96.2)	69.4	(64.5-73.9)
\$75,000 +	96.6	(94.3-97.9)	78.3	(75.2-81.2)
^a Among women aged 20 years and older, the proportion who reported ever having a clinical breast exam. (N = 4,530) ^b Among women aged 20 years and older, the proportion whose last clinical breast exam was within the previous three years for women age 20-39 years and within the previous year for women aged 40 years and older. (N = 4,442) ^c Suppressed due to a denominator < 50 and/or a relative standard error > 30%.				

**Table 17: Mammography Indicators Among Women Aged 40 Years and Older
2014 Michigan BRFSS**

	Ever Had Mammogram ^a		Had Mammogram in Past Year ^b		Had Mammogram in Past Two Years ^c		Had Clinical Breast Exam and Mammogram in Past Year ^d	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	94.3	(93.2-95.2)	57.4	(55.4-59.4)	75.9	(74.1-77.6)	47.8	(45.8-49.8)
Age								
40 - 49	83.9	(80.1-87.1)	46.6	(41.8-51.5)	65.0	(60.2-69.6)	40.5	(35.9-45.3)
50 - 59	97.6	(96.1-98.5)	61.3	(57.6-64.9)	81.2	(78.1-84.0)	53.4	(49.7-57.1)
60 - 69	98.0	(96.9-98.8)	66.3	(62.8-69.6)	82.7	(79.7-85.3)	57.6	(54.1-61.1)
70 +	97.4	(96.1-98.3)	55.5	(52.1-58.8)	74.0	(70.9-77.0)	38.9	(35.7-42.3)
Race/Ethnicity								
White non-Hispanic	94.3	(93.1-95.3)	57.5	(55.4-59.6)	75.6	(73.7-77.5)	48.1	(46.0-50.2)
Black non-Hispanic	93.9	(89.7-96.4)	58.9	(51.6-65.9)	80.0	(74.0-84.9)	48.7	(41.9-55.6)
Other non-Hispanic	-- ^e	-- ^e	50.2	(38.0-62.4)	63.9	(50.9-75.1)	37.4	(26.4-49.8)
Hispanic	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e
Education								
< High school	93.0	(87.7-96.1)	38.5	(30.7-46.9)	64.4	(56.0-72.0)	25.4	(19.0-33.1)
High school graduate	95.1	(93.3-96.4)	58.6	(55.3-61.9)	74.5	(71.5-77.4)	46.9	(43.5-50.3)
Some college	93.4	(91.2-95.2)	57.2	(53.8-60.6)	76.7	(73.6-79.6)	49.6	(46.2-53.0)
College graduate	94.8	(93.1-96.2)	65.6	(62.6-68.5)	82.5	(79.9-84.8)	57.7	(54.6-60.7)
Household Income								
< \$20,000	91.3	(87.7-93.9)	42.1	(36.6-47.8)	63.0	(57.4-68.3)	32.5	(27.5-37.8)
\$20,000 - \$34,999	93.9	(91.0-95.9)	54.4	(49.9-58.9)	73.5	(69.2-77.4)	43.2	(38.8-47.7)
\$35,000 - \$49,999	-- ^e	-- ^e	59.2	(53.8-64.3)	78.0	(73.1-82.3)	50.2	(45.0-55.5)
\$50,000 - \$74,999	94.6	(91.4-96.7)	61.2	(55.8-66.3)	81.1	(76.2-85.1)	53.4	(48.1-58.7)
\$75,000 +	94.2	(91.7-96.0)	65.9	(61.9-69.7)	82.3	(78.9-85.3)	58.3	(54.2-62.2)

Note: Data included diagnostic tests.

^a Among women aged 40 years and older, the proportion who reported ever having a mammogram. (N = 3,817)

^b Among women aged 40 years and older, the proportion who reported having a mammogram in the past year. (N = 3,784)

^c Among women aged 40 years and older, the proportion who reported having a mammogram in the past two years. (N = 3,784)

^d Among women aged 40 years and older, the proportion who reported having a clinical breast exam and a mammogram in the past year. (N = 3,764)

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

**Table 18: Cervical Cancer Screening Among Women Aged 18 Years and Older
2014 Michigan BRFS**

	Ever Had Pap Test ^a		Had Appropriately Timed Pap Test ^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	88.9	(87.0-90.5)	74.9	(72.8-76.9)
Age				
18 - 29	63.7	(57.9-69.2)	59.1	(53.3-64.7)
30 - 39	96.7	(93.9-98.2)	89.3	(85.1-92.4)
40 - 49	-- ^c	-- ^c	83.1	(78.8-86.7)
50 - 59	-- ^c	-- ^c	86.0	(82.5-88.8)
60 - 69	-- ^c	-- ^c	80.7	(76.9-84.0)
70 +	94.0	(91.1-96.0)	48.3	(43.6-53.1)
Race/Ethnicity				
White non-Hispanic	89.7	(87.5-91.5)	74.4	(72.0-76.6)
Black non-Hispanic	91.0	(85.7-94.4)	80.7	(74.8-85.5)
Other non-Hispanic	72.1	(61.1-80.9)	59.9	(49.1-69.9)
Hispanic	-- ^c	-- ^c	-- ^c	-- ^c
Education				
Less than high school	73.8	(63.4-82.2)	63.6	(53.4-72.7)
High school graduate	88.6	(85.0-91.5)	68.8	(64.7-72.6)
Some college	89.7	(86.9-92.0)	76.3	(72.9-79.4)
College graduate	94.6	(92.4-96.2)	84.5	(81.8-86.8)
Household Income				
< \$20,000	84.8	(79.5-88.9)	66.5	(60.6-71.9)
\$20,000 - \$34,999	91.6	(87.1-94.7)	72.0	(67.0-76.5)
\$35,000 - \$49,999	94.9	(91.2-97.1)	78.9	(73.7-83.3)
\$50,000 - \$74,999	90.2	(83.4-94.4)	80.5	(74.1-85.6)
\$75,000 +	93.2	(89.8-95.4)	86.5	(83.1-89.4)

Note: Data includes diagnostic tests and excludes women who have had a hysterectomy.

^a Among women aged 18 years and older, the proportion who reported ever having a Pap test. (N = 3,268)

^b Among women aged 18 years and older, the proportion who reported having a Pap test within the previous three years. (N = 3,162)

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

**Table 19: Prostate Cancer Screening Among Men Aged 50 Years and Older
2014 Michigan BRFSS**

	Ever Discussed Advantages of PSA Test With Doctor ^a		Doctor Ever Recommended PSA Test ^b		Ever Had PSA Test ^c		Had PSA Test in Past Year ^d	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	73.4	(71.1-75.7)	67.8	(65.3-70.1)	71.7	(69.2-74.1)	45.8	(43.2-48.3)
Age								
50 - 59	67.2	(63.1-71.0)	58.6	(54.4-62.7)	59.3	(54.9-63.4)	34.8	(30.8-39.1)
60 - 69	77.2	(73.3-80.6)	74.5	(70.6-78.1)	78.5	(74.7-81.9)	51.0	(46.9-55.1)
70 +	79.3	(75.1-83.0)	74.5	(70.1-78.5)	84.0	(80.1-87.2)	57.7	(53.1-62.2)
Race/Ethnicity								
White non-Hispanic	74.0	(71.4-76.3)	69.5	(67.0-72.0)	73.2	(70.6-75.7)	46.5	(43.8-49.2)
Black non-Hispanic	73.7	(65.2-80.6)	63.0	(54.0-71.2)	68.8	(59.4-76.9)	44.9	(36.3-53.9)
Other non-Hispanic	56.3	(42.3-69.4)	50.0	(36.6-63.4)	59.3	(44.9-72.3)	33.0	(22.2-46.0)
Hispanic	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e
Education								
< High school	58.6	(48.1-68.4)	51.3	(40.9-61.5)	49.1	(38.6-59.7)	34.1	(24.6-45.0)
High school graduate	65.9	(61.3-70.2)	59.8	(55.1-64.3)	65.0	(60.3-69.4)	38.2	(33.6-42.9)
Some college	78.8	(75.0-82.2)	74.1	(70.0-77.8)	78.2	(74.2-81.6)	53.3	(48.9-57.7)
College graduate	82.5	(79.6-85.1)	76.9	(73.7-79.8)	81.6	(78.6-84.2)	50.2	(46.6-53.7)
Household Income								
< \$20,000	59.2	(51.5-66.5)	47.2	(39.8-54.8)	49.1	(41.5-56.7)	29.5	(23.2-36.8)
\$20,000 - \$34,999	69.3	(63.6-74.5)	63.5	(57.8-68.9)	68.9	(62.9-74.2)	43.8	(38.0-49.7)
\$35,000 - \$49,999	74.9	(68.8-80.1)	72.0	(65.5-77.6)	74.6	(68.2-80.2)	51.4	(44.9-57.8)
\$50,000 - \$74,999	77.3	(71.4-82.3)	72.4	(66.2-77.8)	77.7	(71.8-82.8)	47.3	(41.1-53.6)
\$75,000 +	81.7	(77.8-85.0)	77.7	(73.6-81.2)	82.0	(78.1-85.4)	53.9	(49.3-58.5)

Among men aged 50 years and older (N = 2,226), the proportion who reported...

^a ever discussing the advantages of a Prostate-Specific Antigen (PSA) test with a doctor, nurse, or other health professional.

^b ever receiving a recommendation from a doctor, nurse, or other health professional to get a PSA test.

^c ever having a PSA test.

^d having a PSA test within the past year.

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

Table 20: Colorectal Cancer Screening (Blood Stool Test) Among Adults Aged 50 Years and Older 2014 Michigan BRFSS				
	Ever Had Blood Stool Test^a		Had Blood Stool Test in Past Two Years^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	36.2	(34.7-37.7)	14.6	(13.5-15.8)
Age				
50 - 59	25.2	(22.9-27.6)	10.4	(8.8-12.3)
60 - 69	39.7	(37.1-42.3)	17.1	(15.1-19.2)
70 +	48.7	(46.0-51.4)	18.3	(16.3-20.6)
Gender				
Male	31.5	(29.3-33.7)	13.4	(11.8-15.2)
Female	40.4	(38.4-42.4)	15.8	(14.3-17.4)
Race/Ethnicity				
White non-Hispanic	37.5	(35.9-39.1)	14.2	(13.0-15.4)
Black non-Hispanic	31.6	(26.7-36.8)	18.7	(14.6-23.6)
Other non-Hispanic	27.9	(20.5-36.8)	12.0	(7.1-19.5)
Hispanic	38.7	(25.1-54.3)	-- ^c	-- ^c
Education				
Less than high school	28.9	(23.3-35.3)	15.8	(11.3-21.5)
High school graduate	33.6	(31.1-36.2)	13.9	(12.1-15.9)
Some college	38.3	(35.7-41.0)	15.1	(13.3-17.2)
College graduate	40.5	(38.2-42.9)	14.5	(12.9-16.3)
Household Income				
< \$20,000	31.9	(27.9-36.2)	15.5	(12.5-19.1)
\$20,000 - \$34,999	36.4	(33.1-39.8)	14.7	(12.3-17.4)
\$35,000 - \$49,999	37.7	(33.9-41.7)	16.5	(13.6-19.8)
\$50,000 - \$74,999	37.3	(33.4-41.3)	14.6	(11.9-17.7)
\$75,000 +	34.8	(31.8-37.9)	12.7	(10.7-15.0)
^a Among adults aged 50 years and older, the proportion who reported ever having a blood stool test using a home kit. (N = 5,464)				
^b Among adults aged 50 years and older, the proportion whose reported having a blood stool test within the past two years using a home kit (N = 5,366)				
^c Suppressed due to a denominator < 50 and/or a relative standard error > 30%.				

**Table 21: Colorectal Cancer Screening (Sigmoidoscopy/Colonoscopy)
Among Adults Aged 50 Years and Older
2014 Michigan BRFSS**

	Ever Had a Sigmoidoscopy or Colonoscopy ^a		Had a Sigmoidoscopy or Colonoscopy in Past 5 Years ^b		Had a Sigmoidoscopy in Past 5 Years or Colonoscopy in Past 10 Years ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	74.5	(73.0-76.0)	57.5	(55.8-59.1)	69.6	(68.0-71.1)
Age						
50 - 59	62.8	(60.0-65.5)	49.7	(46.9-52.5)	59.4	(56.6-62.2)
60 - 69	81.5	(79.2-83.5)	63.0	(60.3-65.5)	76.1	(73.7-78.4)
70 +	84.1	(82.0-86.0)	62.9	(60.2-65.5)	77.6	(75.2-79.8)
Gender						
Male	73.3	(70.9-75.6)	58.6	(56.1-61.0)	68.6	(66.1-70.9)
Female	75.6	(73.7-77.5)	56.4	(54.3-58.5)	70.5	(68.5-72.5)
Race/Ethnicity						
White non-Hispanic	76.1	(74.5-77.6)	57.9	(56.2-59.6)	70.7	(69.1-72.3)
Black non-Hispanic	70.6	(64.9-75.6)	58.6	(52.9-64.1)	68.2	(62.5-73.4)
Other non-Hispanic	59.1	(48.3-69.0)	43.8	(34.3-53.8)	55.9	(45.4-66.0)
Hispanic	62.7	(46.9-76.2)	49.1	(34.1-64.2)	58.3	(42.6-72.4)
Education						
Less than high school	58.2	(51.4-64.7)	47.2	(40.5-53.9)	53.7	(46.8-60.5)
High school graduate	72.0	(69.3-74.5)	56.2	(53.3-59.0)	67.4	(64.7-70.1)
Some college	78.8	(76.3-81.0)	59.6	(56.8-62.3)	72.9	(70.3-75.4)
College graduate	80.5	(78.5-82.4)	61.5	(59.1-63.9)	75.9	(73.7-78.0)
Household Income						
< \$20,000	62.7	(58.1-67.1)	47.2	(42.7-51.9)	56.3	(51.6-60.9)
\$20,000 - \$34,999	71.8	(68.3-75.1)	54.2	(50.6-57.8)	66.1	(62.5-69.6)
\$35,000 - \$49,999	77.4	(73.6-80.8)	59.9	(55.7-63.9)	72.4	(68.3-76.1)
\$50,000 - \$74,999	78.7	(74.7-82.2)	60.1	(55.8-64.2)	72.8	(68.6-76.6)
\$75,000 +	79.6	(76.8-82.3)	63.9	(60.7-67.0)	76.9	(73.9-79.6)

^a Among adults aged 50 years and older, the proportion who reported ever having a sigmoidoscopy or colonoscopy. (N = 5,480)

^b Among adults aged 50 years and older, the proportion who reported having a sigmoidoscopy or colonoscopy in the past five years. (N = 5,420)

^c Among adults aged 50 years and older, the proportion who reported having a sigmoidoscopy in the past five years or a colonoscopy in the past ten years. (N = 5,347)

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Table 22: Oral Health 2014 Michigan BRFSS				
	No Dental Visit in Past Year^a		6+ Teeth Missing^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	31.4	(30.1-32.7)	15.5	(14.6-16.4)
Age				
18 - 24	28.7	(24.7-33.2)	-- ^c	-- ^c
25 - 34	41.2	(37.1-45.4)	3.9	(2.4-6.2)
35 - 44	32.7	(28.8-36.8)	7.3	(5.3-10.0)
45 - 54	32.3	(29.4-35.3)	13.7	(11.5-16.2)
55 - 64	27.8	(25.4-30.3)	24.1	(21.8-26.6)
65 - 74	24.7	(22.1-27.4)	30.8	(28.1-33.7)
75 +	31.5	(28.2-34.9)	42.4	(38.9-45.9)
Gender				
Male	35.5	(33.5-37.6)	15.4	(14.0-16.9)
Female	27.5	(25.9-29.3)	15.6	(14.4-16.8)
Race/Ethnicity				
White non-Hispanic	28.6	(27.2-30.0)	14.5	(13.5-15.5)
Black non-Hispanic	45.1	(40.7-49.5)	23.4	(20.2-26.9)
Other non-Hispanic	33.8	(28.1-39.9)	12.5	(9.3-16.6)
Hispanic	36.8	(28.0-46.6)	-- ^c	-- ^c
Education				
Less than high school	52.9	(47.2-58.5)	36.6	(31.5-41.9)
High school graduate	36.3	(34.0-38.8)	20.3	(18.6-22.2)
Some college	30.2	(28.0-32.4)	11.8	(10.6-13.2)
College graduate	16.5	(14.9-18.1)	4.5	(3.9-5.2)
Household Income				
< \$20,000	55.3	(51.4-59.0)	29.2	(26.1-32.5)
\$20,000 - \$34,999	43.1	(40.0-46.4)	21.3	(19.0-23.8)
\$35,000 - \$49,999	28.6	(25.2-32.2)	16.2	(13.8-19.0)
\$50,000 - \$74,999	23.0	(20.0-26.3)	8.3	(6.6-10.4)
\$75,000 +	13.7	(11.9-15.8)	4.8	(3.7-6.0)
^a Among all adults, the proportion who reported that they had not visited a dentist or dental clinic for any reason in the previous year. (N = 8,414) ^b Among all adults, the proportion 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 = 8,273) ^c Suppressed due to a denominator < 50 and/or a relative standard error > 30%.				

Table 23: Immunizations among Adults Aged 65 Years and Older 2014 Michigan BRFSS				
	Had Flu Vaccine in Past Year^a		Ever Had Pneumonia Vaccine^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	57.6	(55.4-59.8)	69.3	(67.1-71.4)
Age				
65 - 74	55.9	(53.0-58.7)	66.5	(63.7-69.2)
75 +	60.0	(56.5-63.3)	73.1	(69.7-76.2)
Gender				
Male	56.9	(53.4-60.4)	65.5	(61.9-68.9)
Female	58.2	(55.4-60.9)	72.3	(69.6-74.7)
Race/Ethnicity				
White non-Hispanic	59.4	(57.1-61.7)	71.3	(69.1-73.4)
Black non-Hispanic	47.5	(39.5-55.6)	57.1	(48.7-65.2)
Other non-Hispanic	32.0	(19.0-48.6)	60.3	(42.7-75.5)
Hispanic	-- ^c	-- ^c	-- ^c	-- ^c
Education				
Less than high school	49.7	(41.0-58.4)	58.9	(49.8-67.5)
High school graduate	55.8	(52.1-59.4)	67.8	(64.2-71.2)
Some college	58.3	(54.5-62.1)	72.7	(69.1-76.0)
College graduate	64.5	(61.1-67.8)	73.5	(70.2-76.5)
Household Income				
< \$20,000	52.9	(46.7-59.0)	64.5	(58.0-70.5)
\$20,000 - \$34,999	53.3	(48.9-57.6)	67.8	(63.3-71.9)
\$35,000 - \$49,999	56.1	(50.6-61.4)	68.7	(63.3-73.7)
\$50,000 - \$74,999	62.1	(55.8-68.0)	69.1	(63.0-74.6)
\$75,000 +	67.2	(61.9-72.2)	74.5	(69.2-79.2)
^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 = 2,819)				
^b Among adults aged 65 years and older, the proportion who reported that they ever had a pneumococcal vaccine. (N = 2,719)				
^c Suppressed due to a denominator < 50 and/or a relative standard error > 30%.				

Table 24: HIV Testing among Adults Aged 18 - 64 Years 2014 Michigan BRFSS		
	Ever Had an HIV Test^a	
	%	95% Confidence Interval
Total	40.2	(38.5-41.8)
Age		
18 – 24	23.6	(19.8-27.8)
25 – 34	55.0	(50.6-59.2)
35 – 44	55.0	(50.9-59.0)
45 – 54	39.7	(36.7-42.8)
55 – 64	27.4	(25.0-29.9)
Gender		
Male	35.6	(33.2-38.0)
Female	44.8	(42.5-47.1)
Race/Ethnicity		
White non-Hispanic	34.0	(32.3-35.8)
Black non-Hispanic	70.5	(65.9-74.7)
Other non-Hispanic	38.7	(32.2-45.6)
Hispanic	53.7	(43.1-63.9)
Education		
Less than high school	44.3	(37.3-51.5)
High school graduate	36.3	(33.3-39.4)
Some college	42.0	(39.1-44.8)
College graduate	40.3	(37.9-42.7)
Household Income		
< \$20,000	54.8	(50.2-59.3)
\$20,000 - \$34,999	43.9	(39.7-48.2)
\$35,000 - \$49,999	39.2	(34.6-43.9)
\$50,000 - \$74,999	34.0	(30.0-38.1)
\$75,000 +	36.0	(33.3-38.8)
^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 = 5,136)		

Table 25: Asthma among Adults 2014 Michigan BRFSS				
	Lifetime Asthma Prevalence^a		Current Asthma Prevalence^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	15.3	(14.4-16.4)	10.9	(10.1-11.8)
Age				
18 - 24	16.7	(13.5-20.5)	10.3	(7.9-13.4)
25 - 34	18.8	(15.8-22.3)	13.3	(10.7-16.5)
35 - 44	13.5	(11.1-16.4)	9.7	(7.6-12.2)
45 - 54	16.2	(13.9-18.7)	11.3	(9.4-13.5)
55 - 64	16.0	(14.1-18.2)	12.7	(10.9-14.7)
65 - 74	13.3	(11.4-15.4)	9.1	(7.6-10.9)
75 +	9.5	(7.9-11.4)	7.1	(5.7-8.8)
Gender				
Male	13.0	(11.7-14.5)	8.1	(7.1-9.3)
Female	17.6	(16.2-19.0)	13.5	(12.2-14.8)
Race/Ethnicity				
White non-Hispanic	14.5	(13.4-15.6)	10.1	(9.2-11.0)
Black non-Hispanic	18.1	(15.0-21.6)	14.2	(11.5-17.5)
Other non-Hispanic	19.6	(15.1-25.1)	12.2	(9.0-16.5)
Hispanic	18.0	(11.8-26.3)	13.4	(8.0-21.6)
Education				
Less than high school	22.4	(18.1-27.3)	17.0	(13.3-21.5)
High school graduate	14.9	(13.2-16.8)	11.0	(9.6-12.7)
Some college	14.9	(13.3-16.7)	10.5	(9.2-12.0)
College graduate	13.1	(11.8-14.6)	8.3	(7.2-9.5)
Household Income				
< \$20,000	24.2	(21.1-27.6)	18.8	(16.1-21.8)
\$20,000 - \$34,999	15.1	(12.9-17.5)	11.0	(9.1-13.2)
\$35,000 - \$49,999	13.9	(11.4-16.8)	9.3	(7.1-11.9)
\$50,000 - \$74,999	11.2	(9.1-13.6)	7.8	(6.0-9.9)
\$75,000 +	13.3	(11.6-15.3)	8.9	(7.5-10.6)
^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 = 8,440)				
^b Among all adults, the proportion who reported that they still had asthma. (N = 8,405)				

Table 26: Asthma among Children 2014 Michigan BRFSS				
	Lifetime Asthma Prevalence^a		Current Asthma Prevalence^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	14.2	(12.3-16.3)	10.2	(8.6-12.2)
Age				
0 - 4	8.8	(5.5-13.7)	7.2	(4.4-11.7)
5 - 9	11.8	(8.3-16.4)	9.0	(5.9-13.5)
10 - 14	20.2	(16.1-25.1)	15.2	(11.5-19.8)
15 - 17	17.9	(14.3-22.2)	10.6	(7.8-14.2)
Gender				
Boy	16.3	(13.6-19.6)	11.8	(9.3-14.8)
Girl	12.3	(9.8-15.2)	8.8	(6.7-11.5)
Race/Ethnicity				
White non-Hispanic	12.5	(10.5-14.9)	8.9	(7.1-11.1)
Black non-Hispanic	22.7	(16.5-30.3)	19.3	(13.4-26.9)
Other non-Hispanic	13.4	(8.3-21.0)	8.2	(4.5-14.5)
Hispanic	12.8	(7.6-20.8)	-- ^c	-- ^c
Respondent Education				
Less than high school	-- ^c	-- ^c	-- ^c	-- ^c
High school graduate	17.9	(13.2-23.7)	13.2	(8.9-19.1)
Some college	14.8	(11.5-18.7)	10.9	(8.1-14.5)
College graduate	11.9	(9.5-14.9)	8.3	(6.2-10.9)
Household Income				
< \$20,000	20.5	(14.0-29.2)	16.8	(10.6-25.5)
\$20,000 - \$34,999	14.0	(9.5-20.0)	12.3	(8.1-18.4)
\$35,000 - \$49,999	16.8	(11.4-24.1)	14.3	(9.2-21.6)
\$50,000 - \$74,999	12.1	(8.3-17.2)	7.9	(4.9-12.7)
\$75,000 +	11.6	(9.1-14.6)	6.7	(4.9-9.1)
^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 = 1,860). ^b Estimated proportion of Michigan children aged 0-17 years who still have asthma, using proxy information from the adult respondent. (N = 1,854) ^c Suppressed due to a denominator < 50 and/or a relative standard error > 30%.				

**Table 27: Chronic Obstructive Pulmonary Disease (COPD)
2014 Michigan BRFSS**

	Ever Told COPD, Emphysema or Chronic Bronchitis ^a	
	%	95% Confidence Interval
Total	8.8	(8.1-9.6)
Age		
18 - 24	--b	--b
25 - 34	5.5	(3.7-8.1)
35 - 44	5.2	(3.6-7.5)
45 - 54	8.7	(7.0-10.7)
55 - 64	14.0	(12.1-16.0)
65 - 75	13.4	(11.4-15.6)
75 +	15.0	(12.7-17.6)
Gender		
Male	7.6	(6.6-8.7)
Female	10.0	(9.0-11.2)
Race/Ethnicity		
White/Non-Hispanic	8.3	(7.6-9.1)
Black/Non-Hispanic	11.5	(9.0-14.6)
Other/Non-Hispanic	9.2	(6.5-13.0)
Hispanic	--b	--b
Education		
Less than high school	18.5	(14.7-23.0)
High school graduate	10.7	(9.4-12.1)
Some college	7.9	(6.8-9.1)
College graduate	3.2	(2.7-3.8)
Household Income		
< \$20,000	19.1	(16.4-22.1)
\$20,000 - \$34,999	11.6	(9.8-13.8)
\$35,000 - \$49,999	8.9	(6.8-11.5)
\$50,000 - \$74,999	3.6	(2.7-4.7)
\$75,000 +	3.8	(2.9-4.8)
^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 = 8,412) ^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

Table 28: Arthritis 2014 Michigan BRFSS		
Demographic Characteristics	Ever Told Arthritis^a	
	%	95% Confidence Interval
Total	31.9	(30.7-33.1)
Age		
18 - 24	4.8	(3.1-7.5)
25 - 34	11.1	(8.6-14.3)
35 - 44	19.3	(16.3-22.8)
45 - 54	32.2	(29.4-35.2)
55 - 64	48.2	(45.6-50.9)
65 - 75	59.1	(56.3-61.8)
75 +	61.6	(58.2-64.9)
Gender		
Male	28.1	(26.4-29.9)
Female	35.5	(33.9-37.2)
Race/Ethnicity		
White/Non-Hispanic	32.9	(31.6-34.2)
Black/Non-Hispanic	29.9	(26.4-33.7)
Other/Non-Hispanic	22.6	(18.1-27.8)
Hispanic	28.4	(20.3-38.0)
Education		
Less than high school	44.2	(38.7-49.7)
High school graduate	34.2	(32.0-36.4)
Some college	31.2	(29.2-33.2)
College graduate	24.2	(22.6-25.8)
Household Income		
< \$20,000	40.1	(36.5-43.7)
\$20,000 - \$34,999	38.2	(35.3-41.2)
\$35,000 - \$49,999	33.0	(29.8-36.3)
\$50,000 - \$74,999	27.3	(24.4-30.4)
\$75,000 +	22.2	(20.2-24.2)
^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 = 8,413)		

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**Table 29: Cardiovascular Disease
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	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	5.2	(4.7-5.7)	5.4	(4.9-5.9)	3.3	(2.9-3.8)	10.0	(9.3-10.7)
Age								
18 - 34	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e
35 - 44	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	3.5	(2.3-5.3)
45 - 54	3.9	(2.8-5.5)	4.1	(2.9-5.8)	2.5	(1.6-3.9)	7.6	(6.0-9.6)
55 - 64	7.5	(6.1-9.1)	8.5	(7.0-10.2)	4.5	(3.5-5.8)	14.4	(12.6-16.4)
65 - 74	11.8	(10.1-13.8)	13.3	(11.5-15.3)	7.0	(5.5-8.9)	22.9	(20.5-25.5)
75 +	17.2	(14.7-20.0)	16.8	(14.3-19.7)	9.1	(7.2-11.3)	30.8	(27.6-34.1)
Gender								
Male	6.4	(5.6-7.2)	6.4	(5.6-7.3)	3.4	(2.8-4.2)	11.3	(10.2-12.5)
Female	4.1	(3.5-4.7)	4.4	(3.8-5.1)	3.2	(2.6-3.8)	8.7	(7.8-9.7)
Race/Ethnicity								
White non-Hispanic	5.4	(4.9-6.0)	5.7	(5.2-6.4)	3.0	(2.6-3.5)	10.2	(9.4-11.0)
Black non-Hispanic	5.1	(3.6-7.1)	4.3	(2.9-6.3)	4.2	(2.9-6.0)	10.6	(8.4-13.3)
Other non-Hispanic	4.7	(2.9-7.6)	4.7	(2.7-8.1)	4.0	(2.4-6.7)	8.9	(6.1-12.7)
Hispanic	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e	-- ^e
Education								
< High school	8.5	(6.3-11.5)	10.1	(7.6-13.2)	7.0	(4.9-9.9)	18.0	(14.6-22.1)
High school graduate	6.2	(5.3-7.3)	6.0	(5.1-7.0)	3.6	(2.9-4.5)	11.5	(10.2-12.9)
Some college	4.9	(4.2-5.8)	4.5	(3.8-5.4)	2.7	(2.1-3.4)	8.5	(7.5-9.7)
College graduate	2.5	(2.1-3.1)	3.6	(3.0-4.2)	1.8	(1.4-2.3)	6.0	(5.3-6.8)
Household Income								
< \$20,000	8.7	(7.0-10.8)	7.1	(5.5-9.0)	5.0	(3.8-6.5)	14.2	(12.1-16.7)
\$20,000 - \$34,999	7.3	(6.0-8.9)	8.0	(6.6-9.7)	4.8	(3.7-6.3)	15.1	(13.1-17.3)
\$35,000 - \$49,999	5.5	(4.2-7.1)	6.0	(4.7-7.7)	2.3	(1.4-3.5)	9.9	(8.1-12.0)
\$50,000 - \$74,999	3.5	(2.6-4.6)	4.1	(3.2-5.4)	1.8	(1.1-2.9)	6.7	(5.3-8.3)
\$75,000 +	2.1	(1.6-3.0)	2.8	(2.2-3.5)	1.5	(1.0-2.3)	4.8	(3.9-5.8)

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

^a they had a heart attack or myocardial infarction (N = 8,414);

^b they had angina or coronary heart disease (N = 8,409);

^c they had a stroke. (N = 8,432)

^d they had a heart attack, coronary heart disease or a stroke. (N = 8,376)

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

Table 30: Cancer 2014 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	5.8	(5.4-6.4)	7.7	(7.1-8.4)	12.3	(11.6-13.1)
Age						
18 - 34	-- ^d	-- ^d	1.9	(1.2-3.0)	2.2	(1.4-3.3)
35 - 44	-- ^d	-- ^d	3.8	(2.4-5.9)	4.8	(3.2-7.0)
45 - 54	4.1	(3.1-5.4)	5.2	(4.0-6.7)	9.1	(7.5-10.9)
55 - 64	8.2	(6.9-9.7)	8.8	(7.4-10.4)	15.6	(13.8-17.6)
65 - 74	14.1	(12.3-16.2)	17.5	(15.5-19.8)	28.5	(26.1-31.1)
75 +	20.6	(18.1-23.4)	24.4	(21.5-27.5)	38.0	(34.7-41.4)
Gender						
Male	6.2	(5.5-7.0)	6.6	(5.7-7.6)	11.5	(10.5-12.7)
Female	5.5	(4.9-6.2)	8.8	(8.0-9.8)	13.0	(12.0-14.1)
Race/Ethnicity						
White non-Hispanic	7.3	(6.7-8.0)	8.2	(7.5-8.9)	13.9	(13.1-14.8)
Black non-Hispanic	-- ^d	-- ^d	6.3	(4.5-8.8)	6.4	(4.6-9.0)
Other non-Hispanic	-- ^d	-- ^d	5.5	(3.5-8.4)	7.4	(5.1-10.7)
Hispanic	-- ^d	-- ^d	-- ^d	-- ^d	-- ^d	-- ^d
Education						
Less than high school	3.8	(2.4-5.7)	10.4	(7.6-14.0)	12.9	(9.8-16.6)
High school graduate	6.5	(5.6-7.5)	8.2	(7.1-9.4)	13.2	(11.9-14.7)
Some college	5.5	(4.7-6.4)	7.2	(6.2-8.3)	11.6	(10.3-12.9)
College graduate	6.6	(5.8-7.5)	6.7	(5.9-7.6)	12.0	(11.0-13.2)
Household Income						
< \$20,000	4.4	(3.3-5.8)	9.7	(7.7-12.2)	12.9	(10.7-15.5)
\$20,000 - \$34,999	5.5	(4.5-6.6)	9.5	(7.9-11.2)	13.9	(12.1-15.9)
\$35,000 - \$49,999	5.9	(4.8-7.4)	8.0	(6.5-9.8)	12.3	(10.5-14.5)
\$50,000 - \$74,999	6.3	(5.0-7.8)	6.8	(5.4-8.5)	11.9	(10.1-14.0)
\$75,000 +	6.0	(5.1-7.2)	4.5	(3.7-5.4)	9.7	(8.5-11.1)

^a Among all adults, the proportion who reported ever being told by a doctor that they had skin cancer. (N = 8,443)

^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 = 8,448)

^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 = 8,443)

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

Table 31: Diabetes 2014 Michigan BRFSS		
	Ever Told Diabetes^a	
	%	95% Confidence Interval
Total	10.4	(9.7-11.1)
Age		
18 – 24	--b	--b
25 – 34	1.8	(1.0-3.1)
35 – 44	3.3	(2.1-5.0)
45 – 54	9.5	(7.8-11.5)
55 – 64	16.4	(14.5-18.6)
65 – 74	25.1	(22.7-27.7)
75 +	21.8	(19.0-24.8)
Gender		
Male	11.1	(10.1-12.3)
Female	9.6	(8.7-10.6)
Race/Ethnicity		
White non-Hispanic	9.9	(9.1-10.7)
Black non-Hispanic	13.8	(11.6-16.5)
Other non-Hispanic	10.1	(7.1-14.2)
Hispanic	8.9	(5.1-15.1)
Education		
Less than high school	14.6	(11.6-18.2)
High school graduate	12.0	(10.7-13.4)
Some college	9.4	(8.3-10.7)
College graduate	7.5	(6.7-8.5)
Household Income		
< \$20,000	13.1	(11.1-15.3)
\$20,000 - \$34,999	14.1	(12.3-16.1)
\$35,000 - \$49,999	11.7	(9.8-14.0)
\$50,000 - \$74,999	8.2	(6.6-10.1)
\$75,000 +	5.7	(4.7-6.9)
^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 = 8,451) ^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

Table 32: Kidney Disease 2014 Michigan BRFSS		
	Ever Told Kidney Disease^a	
	%	95% Confidence Interval
Total	3.3	(2.9-3.8)
Age		
18 – 24	--b	--b
25 – 34	--b	--b
35 – 44	--b	--b
45 – 54	3.4	(2.4-4.9)
55 – 64	4.3	(3.4-5.5)
65 – 74	6.6	(5.2-8.4)
75 +	6.9	(5.4-8.8)
Gender		
Male	2.8	(2.1-3.6)
Female	3.8	(3.3-4.4)
Race/Ethnicity		
White non-Hispanic	3.2	(2.8-3.7)
Black non-Hispanic	4.8	(3.2-7.2)
Other non-Hispanic	--b	--b
Hispanic	--b	--b
Education		
Less than high school	6.2	(4.0-9.4)
High school graduate	3.4	(2.7-4.3)
Some college	3.0	(2.4-3.7)
College graduate	2.2	(1.8-2.8)
Household Income		
< \$20,000	5.7	(4.1-7.8)
\$20,000 - \$34,999	3.4	(2.5-4.5)
\$35,000 - \$49,999	3.7	(2.7-5.1)
\$50,000 - \$74,999	2.6	(1.8-3.7)
\$75,000 +	1.7	(1.1-2.7)
^a Among all adults, the proportion who reported ever being told by a doctor that they had kidney disease. (N = 8,422)		
^b Suppressed due to a denominator < 50 and/or a relative standard error > 30%.		

Table 33: Depression 2014 Michigan BRFSS		
	Ever Told Depression^a	
	%	95% Confidence Interval
Total	20.5	(19.3-21.6)
Age		
18 – 24	16.7	(13.3-20.8)
25 – 34	20.7	(17.5-24.4)
35 – 44	22.8	(19.5-26.6)
45 – 54	23.3	(20.7-26.0)
55 – 64	25.2	(22.9-27.6)
65 – 74	18.1	(16.0-20.4)
75 +	10.7	(8.9-12.9)
Gender		
Male	15.9	(14.4-17.6)
Female	24.7	(23.1-26.4)
Race/Ethnicity		
White non-Hispanic	20.9	(19.7-22.2)
Black non-Hispanic	17.6	(14.3-21.3)
Other non-Hispanic	19.1	(14.9-24.3)
Hispanic	27.2	(19.2-37.1)
Education		
Less than high school	34.9	(29.6-40.5)
High school graduate	21.3	(19.3-23.3)
Some college	19.6	(17.8-21.5)
College graduate	13.6	(12.3-15.0)
Household Income		
< \$20,000	34.4	(30.8-38.2)
\$20,000 - \$34,999	23.3	(20.6-26.2)
\$35,000 - \$49,999	21.8	(18.8-25.0)
\$50,000 - \$74,999	15.7	(13.2-18.6)
\$75,000 +	13.4	(11.7-15.4)
^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 = 8,439)		

Table 34: Falls Among Adults Aged 45 Years and Older 2014 Michigan BRFSS				
	Fell During the Past 12 Months^a		Injured From a Fall During the Past 12 Months^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	32.2	(30.8-33.7)	13.1	(12.1-14.3)
Age				
45 - 54	31.5	(28.6-34.4)	14.3	(12.1-16.8)
55 - 64	33.2	(30.7-35.7)	14.0	(12.3-16.0)
65 - 74	32.2	(29.5-35.0)	11.3	(9.5-13.3)
75 +	33.2	(29.9-36.6)	11.6	(9.6-14.1)
Gender				
Male	31.5	(29.4-33.8)	11.7	(10.1-13.4)
Female	32.8	(31.0-34.7)	14.5	(13.1-16.0)
Race/Ethnicity				
White non-Hispanic	32.1	(30.6-33.7)	12.0	(10.9-13.1)
Black non-Hispanic	33.0	(28.3-38.1)	19.0	(15.1-23.6)
Other non-Hispanic	32.9	(24.7-42.2)	21.7	(14.5-31.1)
Hispanic	29.7	(18.9-43.3)	-- ^c	-- ^c
Respondent Education				
Less than high school	43.5	(37.3-50.0)	24.6	(19.4-30.6)
High school graduate	30.0	(27.6-32.5)	12.2	(10.5-14.1)
Some college	34.4	(31.9-37.0)	13.3	(11.6-15.2)
College graduate	27.2	(25.2-29.2)	9.0	(7.8-10.4)
Household Income				
< \$20,000	45.1	(40.8-49.5)	25.8	(22.0-30.0)
\$20,000 - \$34,999	36.9	(33.6-40.2)	14.8	(12.5-17.5)
\$35,000 - \$49,999	32.4	(28.7-36.3)	11.3	(8.9-14.3)
\$50,000 - \$74,999	26.8	(23.5-30.4)	9.4	(7.4-11.9)
\$75,000 +	25.3	(22.8-28.1)	7.6	(6.1-9.4)
^a Among adults aged 45 years and older, the proportion who reported to have unintentionally come to rest on the ground or another lower level during the past 12 months. (N = 6,155) ^b Among adults aged 45 years and older, the proportion who reported to have been injured due to a fall during the past 12 months. (N = 6,138) ^c Suppressed due to a denominator < 50 and/or a relative standard error > 30%.				