

**2010 Michigan Behavioral Risk Factor Survey:
Estimates by Race-Ethnicity**

Selected Tables

**Michigan Behavioral Risk Factor Survey
2010**

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Introduction

The Michigan Behavioral Risk Factor Survey (BRFS) is an annual, statewide telephone survey of Michigan adults aged 18 years and older that is conducted through a collaborative effort among the Behavioral Surveillance Branch (BSB) of the Centers for Disease Control and Prevention, the Michigan State University Institute for Public Policy and Social Research (IPPSR), and the Michigan Department of Community Health. Michigan BRFS data contribute to the national [Behavioral Risk Factor Surveillance System](#) that is managed by BSB.

For the 2010 Michigan BRFS, data were collected quarterly by IPPSR. The sample of 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. In addition, census tracts with a high density of African Americans in the population were oversampled.

In 2010, the total sample size of completed interviews for the core survey was 8,863, with 6,735 being White, non-Hispanics, 1,482 being Black, non-Hispanics, 345 being Other/Multiracial, non-Hispanics, and 155 being Hispanics. Race/ethnicity was not available for 146 respondents, thus these individuals were excluded from this analysis. Due to relatively small racial-ethnic subgroup sample sizes we were required to combine demographic groups in this analysis. Estimates are reported for subgroups with a sample size of at least 50 respondents. Some of the estimates for these racial-ethnic subgroups are relatively imprecise (i.e., have large confidence intervals) and should be used with caution.

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 by race-ethnicity. These estimates were weighted to adjust for the probabilities of selection and a post-stratification weighting factor that adjusted for the distribution of Michigan adults by age, sex, and race/ethnicity at the state level. These analyses were performed in SAS-Callable SUDAAN®, a statistical computing program that was designed for complex sample surveys.

**Table 1: Fair or Poor General Health^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	14.2	(13.3-15.2)	12.2	(11.2-13.2)	25.2	(21.6-29.2)	16.8	(12.3-22.6)	17.0	(10.6-26.0)
Age										
18 - 49	10.4	(9.1-12.0)	8.0	(6.6-9.6)	22.7	(17.7-28.6)	13.1	(7.9-20.9)	11.3	(5.5-21.8)
50 +	18.9	(17.7-20.1)	16.9	(15.7-18.1)	29.2	(25.0-33.7)	26.2	(19.4-34.4)	32.7	(19.0-50.2)
Gender										
Male	13.0	(11.7-14.5)	10.5	(9.3-11.9)	25.3	(19.6-32.0)	17.3	(11.2-25.6)	16.6	(8.0-31.3)
Female	15.4	(14.1-16.8)	13.7	(12.3-15.1)	25.1	(20.8-30.0)	16.1	(10.4-24.2)	17.4	(9.7-29.3)
Education										
High school graduate or less	20.4	(18.5-22.4)	18.3	(16.4-20.2)	31.2	(25.1-38.1)	22.9	(14.0-35.3)	20.2	(10.6-35.1)
Some college or more	10.7	(9.7-11.8)	9.0	(7.9-10.1)	21.2	(17.2-26.0)	13.1	(8.8-19.1)	13.9	(6.9-25.8)
Household Income										
< \$35,000	25.6	(23.5-27.9)	24.0	(21.7-26.5)	32.7	(27.3-38.6)	25.2	(16.6-36.3)	24.6	(14.1-39.3)
\$35,000 +	7.5	(6.5-8.6)	6.2	(5.3-7.3)	16.8	(12.2-22.8)	7.5	(4.4-12.4)	14.0	(5.8-30.2)

^a The proportion who reported that their health, in general, was either fair or poor.

^b Michigan estimates include all racial groups.

**Table 2: Poor Physical Health on at Least 14 Days in the Past Month^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	10.8	(9.9-11.7)	10.4	(9.5-11.4)	13.0	(10.1-16.5)	10.5	(7.5-14.6)	11.3	(5.9-20.3)
Age										
18 - 49	8.0	(6.7-9.4)	7.5	(6.2-9.1)	10.2	(6.3-16.0)	6.8	(3.9-11.7)	12.1	(5.4-24.9)
50 +	14.2	(13.2-15.3)	13.7	(12.6-14.8)	17.5	(14.2-21.3)	19.8	(13.6-28.0)	9.2	(4.7-17.2)
Gender										
Male	9.7	(8.4-11.1)	9.0	(7.8-10.4)	13.1	(8.2-20.3)	8.3	(5.0-13.7)	16.7	(7.5-32.9)
Female	11.9	(10.7-13.1)	11.7	(10.4-13.1)	12.9	(10.0-16.3)	14.0	(9.0-21.2)	5.2	(2.4-10.8)
Education										
High school graduate or less	13.6	(12.2-15.2)	13.5	(12.0-15.2)	14.1	(10.1-19.3)	12.8	(7.4-21.4)	15.4	(6.7-31.5)
Some college or more	9.1	(8.1-10.3)	8.7	(7.6-10.0)	12.3	(8.5-17.4)	9.2	(5.9-14.0)	7.3	(2.8-17.6)
Household Income										
< \$35,000	18.5	(16.6-20.5)	18.9	(16.7-21.3)	17.5	(13.4-22.4)	14.3	(8.9-22.3)	24.6	(12.1-43.4)
\$35,000 +	6.7	(5.8-7.8)	6.5	(5.6-7.6)	9.5	(5.1-17.1)	6.5	(3.4-12.1)	5.1	(1.4-16.7)

^a The proportion who reported 14 or more days of physical health that was not good, which includes physical illness and injury, during the past 30 days.

^b Michigan estimates include all racial groups.

**Table 3: Poor Mental Health on at Least 14 Days in the Past Month^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	10.7	(9.8-11.7)	10.4	(9.4-11.5)	11.6	(8.9-15.2)	10.4	(6.9-15.2)	14.7	(8.0-25.4)
Age										
18 - 49	12.9	(11.3-14.6)	12.7	(10.9-14.6)	13.3	(9.1-18.9)	11.3	(6.9-18.0)	17.8	(9.1-31.9)
50 +	7.9	(7.2-8.7)	7.8	(7.0-8.6)	9.1	(7.1-11.5)	8.0	(4.6-13.6)	6.3	(2.7-14.0)
Gender										
Male	8.9	(7.5-10.5)	8.1	(6.7-9.7)	11.2	(6.6-18.5)	8.7	(4.7-15.6)	15.4	(6.0-34.3)
Female	12.4	(11.2-13.8)	12.5	(11.0-14.1)	12.0	(9.1-15.6)	13.0	(7.9-20.8)	13.9	(7.1-25.4)
Education										
High school graduate or less	12.5	(10.8-14.5)	12.2	(10.3-14.4)	13.4	(9.3-18.8)	12.2	(6.7-21.1)	15.5	(6.3-33.4)
Some college or more	9.6	(8.5-10.8)	9.3	(8.2-10.6)	10.5	(7.0-15.5)	9.3	(5.3-15.7)	14.0	(6.1-28.8)
Household Income										
< \$35,000	17.2	(15.2-19.4)	17.2	(15.0-19.7)	15.8	(11.9-20.7)	19.3	(11.4-30.6)	19.1	(7.7-40.0)
\$35,000 +	7.3	(6.2-8.6)	7.4	(6.2-8.7)	6.7	(2.9-14.7)	4.3	(2.1-8.6)	12.5	(4.8-28.7)

^a The proportion who reported 14 or more days of mental health that was not good, which includes stress, depression, and problems with emotions, during the past 30 days.

^b Michigan estimates include all racial groups.

**Table 4: Activity Limitation on at Least 14 Days in the Past Month^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	7.4	(6.7-8.2)	6.5	(5.8-7.4)	12.4	(9.5-16.1)	8.9	(5.7-13.5)	6.7	(3.3-13.1)
Age										
18 - 49	6.5	(5.3-7.9)	5.5	(4.3-6.9)	11.6	(7.5-17.5)	8.0	(4.3-14.5)	6.0	(2.3-15.1)
50 +	8.5	(7.7-9.4)	7.7	(6.9-8.6)	13.8	(10.7-17.6)	11.1	(6.9-17.3)	8.4	(3.5-18.8)
Gender										
Male	6.7	(5.6-8.0)	5.3	(4.4-6.4)	14.5	(9.2-22.0)	9.8	(5.4-17.1)	7.3	(2.6-18.9)
Female	8.1	(7.1-9.2)	7.7	(6.6-8.9)	10.8	(8.1-14.1)	7.3	(4.1-12.7)	5.9	(2.4-13.8)
Education										
High school graduate or less	9.9	(8.6-11.5)	9.0	(7.6-10.5)	14.0	(9.6-19.9)	13.4	(7.1-24.1)	8.6	(3.2-20.8)
Some college or more	5.9	(5.1-6.9)	5.2	(4.4-6.2)	11.4	(7.7-16.5)	6.1	(3.4-10.6)	4.8	(1.8-12.4)
Household Income										
< \$35,000	14.3	(12.5-16.4)	13.1	(11.2-15.4)	17.3	(12.9-22.8)	17.8	(10.4-28.8)	15.2	(6.9-30.2)
\$35,000 +	4.0	(3.2-4.9)	3.8	(3.1-4.6)	7.7	(3.7-15.6)	2.7	(1.1-6.9)	1.6	(0.2-10.6)

^a 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.
^b Michigan estimates include all racial groups

**Table 5: Dissatisfied or Very Dissatisfied with Life^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	6.1	(5.3-7.0)	5.3	(4.5-6.1)	9.4	(6.6-13.2)	9.1	(4.9-16.3)	8.4	(3.6-18.5)
Age										
18 - 49	7.6	(6.3-9.1)	6.4	(5.1-7.9)	11.3	(7.1-17.5)	11.4	(5.8-21.4)	10.2	(4.1-23.5)
50 +	4.2	(3.6-4.8)	4.0	(3.4-4.7)	6.3	(4.3-9.2)	3.4	(1.4-7.8)	2.8	(0.7-11.0)
Gender										
Male	7.1	(5.8-8.7)	5.8	(4.7-7.1)	10.9	(6.1-18.6)	12.7	(6.2-24.3)	13.0	(4.8-31.1)
Female	5.1	(4.3-6.1)	4.8	(3.9-6.0)	8.1	(5.4-12.0)	3.8	(1.7-8.4)	3.3	(0.9-10.9)
Education										
High school graduate or less	7.1	(5.9-8.6)	6.5	(5.3-8.0)	8.4	(5.3-13.2)	9.6	(4.5-19.3)	9.9	(3.2-27.0)
Some college or more	5.5	(4.5-6.7)	4.6	(3.7-5.7)	10.0	(6.1-15.9)	8.8	(3.6-20.1)	7.0	(1.9-22.7)
Household Income										
< \$35,000	11.0	(9.3-12.9)	10.8	(8.9-13.1)	11.0	(7.7-15.5)	10.4	(5.2-19.8)	14.2	(5.1-33.9)
\$35,000 +	3.7	(2.8-4.9)	2.7	(2.1-3.6)	8.0	(3.5-17.1)	9.6	(3.4-24.2)	6.1	(1.3-23.3)

^a The proportion who reported either "Dissatisfied" or "Very Dissatisfied" to the following question: "In general, how satisfied are you with your life?"

^b Michigan estimates include all racial groups.

**Table 6: Rarely or Never Receive Needed Social and Emotional Support^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	6.5	(5.8-7.2)	5.4	(4.7-6.2)	10.1	(7.7-13.0)	11.3	(7.6-16.7)	6.4	(3.4-11.8)
Age										
18 - 49	5.8	(4.7-7.0)	4.8	(3.7-6.2)	9.6	(6.3-14.2)	9.5	(5.2-16.6)	5.2	(2.0-12.8)
50 +	7.1	(6.4-7.9)	6.2	(5.5-6.9)	10.9	(8.2-14.2)	15.9	(10.0-24.4)	10.2	(5.2-18.8)
Gender										
Male	6.9	(5.9-8.0)	5.8	(4.9-6.9)	14.2	(9.7-20.3)	7.4	(3.8-14.0)	5.7	(1.8-16.3)
Female	6.0	(5.1-7.1)	5.1	(4.1-6.3)	6.7	(5.0-8.9)	17.1	(10.5-26.7)	7.2	(3.7-13.5)
Education										
High school graduate or less	8.7	(7.4-10.2)	7.2	(6.0-8.6)	15.3	(10.8-21.2)	13.3	(6.6-24.9)	8.4	(3.6-18.6)
Some college or more	5.1	(4.3-6.0)	4.5	(3.7-5.5)	6.7	(4.5-9.9)	10.2	(6.3-16.2)	4.6	(1.8-11.1)
Household Income										
< \$35,000	12.0	(10.2-14.0)	10.6	(8.7-12.8)	15.1	(10.9-20.5)	17.7	(9.9-29.7)	13.3	(6.1-26.5)
\$35,000 +	3.2	(2.7-3.9)	2.9	(2.3-3.6)	4.4	(2.8-6.9)	8.3	(4.5-14.7)	0.8	(0.2-3.2)

^a The proportion who reported either "Rarely" or "Never" to the following question: "How often do you get the social and emotional support you need?"

^b Michigan estimates include all racial groups.

**Table 7: Disability^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	24.5	(23.3-25.7)	24.7	(23.4-26.0)	28.2	(24.4-32.3)	19.3	(14.8-24.7)	15.8	(9.9-24.4)
Age										
18 - 49	16.9	(15.3-18.7)	17.2	(15.3-19.3)	20.4	(15.5-26.4)	12.8	(8.2-19.5)	10.4	(5.2-19.9)
50 +	33.9	(32.4-35.3)	33.0	(31.5-34.5)	40.7	(35.9-45.7)	35.4	(27.4-44.4)	30.8	(17.4-48.3)
Gender										
Male	23.3	(21.4-25.2)	23.4	(21.4-25.5)	28.4	(22.0-35.9)	17.9	(12.2-25.5)	16.2	(7.8-30.8)
Female	25.6	(24.1-27.1)	25.8	(24.2-27.5)	28.0	(23.8-32.5)	21.4	(15.0-29.6)	15.4	(8.8-25.5)
Education										
High school graduate or less	28.2	(26.1-30.3)	29.2	(26.9-31.5)	29.7	(24.1-36.1)	20.8	(13.1-31.3)	19.1	(9.8-33.9)
Some college or more	22.3	(20.8-23.7)	22.3	(20.7-23.9)	27.1	(22.2-32.6)	18.4	(13.2-24.9)	12.6	(6.6-22.8)
Household Income										
< \$35,000	34.6	(32.2-37.0)	36.3	(33.6-39.1)	33.5	(28.3-39.2)	24.4	(16.4-34.6)	28.4	(17.0-43.5)
\$35,000 +	18.6	(17.2-20.2)	18.9	(17.3-20.5)	23.5	(17.2-31.2)	13.2	(8.4-20.2)	9.9	(3.3-26.0)

^a 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.
^b Michigan estimates include all racial groups.

**Table 8: Obesity^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	31.7	(30.3-33.1)	29.8	(28.3-31.3)	45.3	(40.8-49.8)	28.1	(21.1-36.4)	36.4	(26.7-47.4)
Age										
18 - 49	30.7	(28.4-33.0)	28.0	(25.6-30.5)	47.0	(40.5-53.7)	26.7	(17.6-38.2)	34.8	(23.2-48.5)
50 +	33.1	(31.6-34.6)	31.8	(30.3-33.4)	42.5	(37.6-47.5)	31.6	(23.8-40.5)	41.2	(26.5-57.6)
Gender										
Male	31.4	(29.3-33.7)	30.7	(28.4-33.1)	36.6	(29.9-43.8)	26.9	(17.4-39.0)	39.8	(25.2-56.4)
Female	32.0	(30.2-33.8)	28.9	(27.1-30.9)	52.8	(47.3-58.2)	30.3	(21.7-40.5)	32.4	(21.3-45.8)
Education										
High school graduate or less	35.3	(32.8-37.9)	33.4	(30.9-36.0)	40.6	(33.8-47.8)	41.8	(27.2-57.9)	41.4	(27.2-57.3)
Some college or more	29.8	(28.1-31.5)	27.9	(26.1-29.8)	48.4	(42.7-54.3)	20.4	(14.3-28.2)	31.6	(19.4-47.1)
Household Income										
< \$35,000	37.5	(34.9-40.1)	35.0	(32.2-37.8)	45.0	(39.0-51.3)	41.2	(28.0-55.8)	41.0	(25.9-58.0)
\$35,000 +	29.9	(28.1-31.9)	28.4	(26.6-30.4)	48.9	(41.3-56.6)	23.2	(15.2-33.8)	31.4	(18.7-47.8)

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.

^a The proportion of respondents whose BMI was greater than or equal to 30.0.

^b Michigan estimates include all racial groups.

**Table 9: No Health Care Coverage among Adults Aged 18 - 64 Years^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	16.6	(15.1-18.1)	14.5	(13.0-16.1)	21.7	(17.6-26.4)	23.5	(16.7-32.1)	29.4	(19.5-41.9)
Age										
18 - 49	19.5	(17.5-21.6)	17.3	(15.1-19.6)	24.8	(19.4-31.1)	24.6	(16.4-35.1)	30.6	(19.1-45.2)
50 - 64	10.5	(9.3-12.0)	9.3	(8.1-10.7)	13.1	(9.2-18.4)	18.8	(11.0-30.2)	24.3	(10.9-45.5)
Gender										
Male	18.7	(16.5-21.1)	15.7	(13.6-18.1)	25.8	(19.2-33.6)	25.4	(16.0-37.8)	36.8	(21.4-55.5)
Female	14.5	(12.7-16.5)	13.3	(11.4-15.6)	17.5	(12.9-23.4)	20.1	(12.4-31.0)	20.3	(11.2-34.1)
Education										
High school graduate or less	25.7	(22.7-28.9)	22.0	(19.0-25.4)	32.5	(24.8-41.3)	36.2	(22.4-52.8)	40.1	(23.8-58.8)
Some college or more	12.1	(10.7-13.8)	11.2	(9.8-13.0)	14.2	(10.4-18.9)	15.8	(9.8-24.5)	20.3	(10.3-36.3)
Household Income										
< \$35,000	36.2	(32.7-39.8)	35.2	(31.2-39.4)	33.4	(26.6-40.8)	46.7	(32.8-67.2)	40.7	(22.4-62.1)
\$35,000 +	5.9	(4.9-7.2)	5.8	(4.7-7.1)	5.7	(2.9-10.7)	3.9	(1.7-8.6)	13.9	(6.2-28.5)

^a Among those 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.
^b Michigan estimates include all racial groups

**Table 10: No Personal Health Care Provider^a by Race-Ethnicity
 2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	12.5	(11.4-13.7)	11.2	(10.0-12.4)	18.0	(14.4-22.4)	12.6	(8.0-19.1)	22.9	(14.2-34.7)
Age										
18 - 49	17.9	(16.0-20.0)	16.6	(14.6-18.8)	23.6	(18.3-30.0)	15.2	(9.1-24.2)	28.5	(17.2-43.3)
50 +	5.6	(4.9-6.4)	5.1	(4.4-5.9)	9.1	(5.9-13.9)	6.0	(3.1-11.1)	7.3	(2.7-18.4)
Gender										
Male	17.3	(15.4-19.4)	15.8	(13.8-18.0)	24.5	(18.4-32.0)	14.0	(7.9-23.7)	29.9	(16.4-48.3)
Female	8.0	(6.9-9.3)	6.9	(5.8-8.3)	12.7	(8.8-18.0)	10.2	(5.1-19.5)	14.5	(7.1-27.2)
Education										
High school graduate or less	16.2	(14.1-18.6)	13.7	(11.7-16.0)	26.3	(19.8-34.2)	17.5	(9.0-31.4)	25.7	(13.2-44.2)
Some college or more	10.4	(9.2-11.9)	9.9	(8.6-11.4)	12.5	(8.8-17.4)	9.4	(5.2-16.6)	20.1	(10.1-36.2)
Household Income										
< \$35,000	18.1	(15.7-20.6)	15.0	(12.7-17.7)	27.1	(21.0-34.1)	20.6	(11.7-33.7)	26.5	(12.1-48.8)
\$35,000 +	8.5	(7.3-9.9)	8.7	(7.4-10.3)	5.8	(3.0-10.9)	5.6	(2.7-11.3)	15.4	(7.1-30.2)

^a The proportion who reported that they did not have anyone that they thought of as their personal doctor or health care provider.

^b Michigan estimates include all racial groups.

**Table 11: No Health Care Access during Past 12 Months Due to Cost^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	14.1	(13.0-15.3)	12.1	(11.0-13.3)	21.6	(17.7-26.0)	20.1	(14.5-27.1)	20.0	(12.3-30.9)
Age										
18 - 49	18.1	(16.2-20.1)	15.8	(13.9-17.9)	26.1	(20.4-32.8)	23.2	(15.8-32.8)	22.9	(13.0-37.1)
50 +	8.9	(8.1-9.9)	8.0	(7.2-9.0)	14.3	(10.9-18.6)	12.1	(7.6-18.8)	12.1	(6.0-22.6)
Gender										
Male	12.0	(10.4-13.8)	9.5	(8.1-11.1)	21.8	(15.6-29.6)	18.3	(11.2-28.5)	21.1	(10.0-39.2)
Female	16.0	(14.5-17.7)	14.6	(13.0-16.4)	21.4	(16.9-26.8)	22.8	(15.2-32.8)	18.8	(10.6-31.1)
Education										
High school graduate or less	16.0	(14.1-18.1)	13.2	(11.4-15.2)	23.7	(17.9-30.7)	24.3	(14.4-37.9)	26.7	(14.3-44.2)
Some college or more	13.0	(11.6-14.5)	11.6	(10.3-13.2)	20.2	(15.2-26.2)	17.5	(11.5-25.8)	13.6	(6.5-26.6)
Household Income										
< \$35,000	26.5	(24.0-29.2)	24.0	(21.3-27.0)	30.3	(24.5-36.7)	35.2	(23.9-48.5)	35.4	(20.1-54.5)
\$35,000 +	7.0	(6.0-8.2)	6.5	(5.5-7.7)	10.7	(5.9-18.8)	7.3	(3.9-13.2)	9.2	(3.2-23.5)

^a The proportion who reported that in the past 12 months, they could not see a doctor when they needed to due to the cost.

^b Michigan estimates include all racial groups.

**Table 12: No Leisure-Time Physical Activity^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	23.6	(22.4-24.9)	22.5	(21.2-23.9)	29.9	(26.0-34.2)	24.2	(18.1-31.6)	22.3	(14.8-32.2)
Age										
18 - 49	19.3	(17.4-21.4)	17.4	(15.4-19.6)	28.7	(23.1-35.1)	23.0	(15.3-33.0)	17.4	(9.5-29.7)
50 +	28.7	(27.4-30.1)	28.2	(26.8-29.7)	31.9	(27.6-36.5)	27.2	(20.0-35.9)	35.9	(22.2-52.4)
Gender										
Male	21.6	(19.7-23.5)	21.1	(19.2-23.2)	24.5	(18.6-31.6)	20.7	(13.1-31.0)	17.4	(8.0-33.6)
Female	25.6	(24.0-27.2)	23.8	(22.1-25.6)	34.4	(29.5-39.7)	29.8	(20.9-40.4)	28.2	(18.1-41.1)
Education										
High school graduate or less	33.9	(31.5-36.3)	33.1	(30.6-35.6)	37.6	(31.0-44.8)	39.0	(26.2-53.6)	29.4	(17.4-45.0)
Some college or more	17.8	(16.2-19.1)	16.9	(15.5-18.5)	24.8	(20.3-29.9)	15.1	(9.9-22.4)	15.5	(7.9-28.1)
Household Income										
< \$35,000	33.3	(30.9-35.9)	33.6	(30.9-36.5)	34.9	(29.3-40.9)	29.0	(19.4-40.8)	30.5	(17.6-47.5)
\$35,000 +	16.8	(15.4-18.4)	16.3	(14.9-17.9)	23.4	(17.4-30.7)	16.8	(10.0-26.9)	12.9	(5.4-27.5)

^a The proportion who reported not participating in any leisure-time physical activities or exercises such as running, calisthenics, golf, gardening, or walking in the past month.

^b Michigan estimates include all racial groups.

**Table 13: Current Smoking^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	18.9	(17.7-20.2)	18.1	(16.8-19.4)	20.7	(17.2-24.8)	22.9	(16.7-30.5)	23.4	(14.9-34.7)
Age										
18 - 49	22.7	(20.7-24.9)	22.7	(20.5-25.0)	20.8	(15.7-27.0)	24.6	(16.6-34.7)	25.4	(14.7-40.2)
50 +	14.0	(13.0-15.2)	12.9	(11.8-14.1)	20.6	(16.9-24.8)	18.7	(12.1-28.0)	17.8	(9.7-30.6)
Gender										
Male	21.0	(19.0-23.1)	19.6	(17.6-21.8)	23.6	(17.9-30.4)	24.3	(15.8-35.6)	33.3	(19.5-50.8)
Female	17.0	(15.6-18.5)	16.7	(15.2-18.3)	18.3	(14.2-23.4)	20.6	(13.7-29.8)	11.4	(5.7-21.4)
Education										
High school graduate or less	27.8	(25.5-30.4)	27.1	(24.6-29.8)	29.3	(22.8-36.7)	31.5	(20.3-45.6)	29.4	(16.8-46.1)
Some college or more	13.9	(12.6-15.3)	13.3	(12.0-14.8)	15.0	(11.4-19.5)	17.6	(10.9-27.0)	17.6	(8.0-34.3)
Household Income										
< \$35,000	29.4	(26.9-32.0)	28.6	(25.8-31.5)	30.5	(24.8-36.9)	29.6	(19.7-41.9)	37.9	(22.3-56.6)
\$35,000 +	13.7	(12.3-15.3)	13.6	(12.2-15.2)	11.2	(7.3-16.9)	16.6	(9.0-28.5)	18.3	(8.5-35.0)

^a 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.

^b Michigan estimates include all racial groups.

**Table 14: Heavy Drinking^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	5.4	(4.7-6.2)	5.7	(5.0-6.6)	3.5	(1.9-6.2)	4.0	(2.0-7.6)	7.5	(3.1-16.8)
Age										
18 - 49	5.9	(4.9-7.2)	6.2	(5.0-7.6)	4.5	(2.2-9.0)	4.7	(2.2-10.0)	8.1	(2.9-21.0)
50 +	4.8	(4.2-5.5)	5.3	(4.6-6.0)	1.8	(0.9-3.5)	2.1	(0.7-5.8)	5.5	(1.5-17.9)
Gender										
Male	5.7	(4.7-7.0)	5.8	(4.7-7.0)	5.0	(2.2-10.7)	4.8	(2.0-10.9)	8.8	(2.7-24.9)
Female	5.1	(4.3-6.1)	5.7	(4.8-6.9)	2.2	(1.0-4.8)	2.6	(1.0-6.6)	5.8	(1.6-19.1)
Education										
High school graduate or less	5.6	(4.5-7.0)	5.2	(4.1-6.6)	7.6	(3.9-14.2)	5.6	(1.9-15.6)	5.9	(1.9-16.9)
Some college or more	5.3	(4.5-6.3)	6.0	(5.1-7.1)	0.8	(0.4-2.0)	3.0	(1.4-6.3)	9.0	(2.6-26.6)
Household Income										
< \$35,000	5.2	(4.0-6.6)	5.1	(3.9-6.7)	6.2	(3.2-11.7)	2.7	(0.9-8.0)	6.3	(1.7-20.8)
\$35,000 +	6.2	(5.3-7.3)	6.7	(5.7-7.9)	1.0	(0.5-2.1)	3.6	(1.3-9.5)	10.1	(3.3-27.3)

^a The proportion who reported consuming on average more than two alcoholic beverages per day for men or more than one per day for women in the previous month.
^b Michigan estimates include all racial groups.

**Table 15: Binge Drinking^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	15.0	(13.9-16.2)	16.1	(14.8-17.4)	8.8	(6.6-11.6)	10.5	(6.5-16.7)	22.2	(13.8-33.6)
Age										
18 - 49	19.4	(17.6-21.4)	21.4	(19.2-23.7)	9.4	(6.4-13.6)	13.0	(7.6-21.5)	26.5	(15.8-41.0)
50 +	9.5	(8.7-10.5)	10.0	(9.1-11.1)	7.7	(5.1-11.5)	4.4	(2.1-8.8)	9.5	(4.1-20.8)
Gender										
Male	19.0	(17.2-21.0)	20.5	(18.4-22.7)	12.2	(8.3-17.6)	11.2	(6.0-20.1)	27.5	(14.8-45.4)
Female	11.2	(10.0-12.6)	12.0	(10.6-13.6)	6.0	(4.0-8.8)	9.5	(4.4-19.3)	15.9	(7.8-29.5)
Education										
High school graduate or less	15.6	(13.7-17.7)	16.0	(14.0-18.3)	11.0	(7.3-16.4)	15.7	(7.8-29.1)	21.1	(10.6-37.8)
Some college or more	14.8	(13.4-16.3)	16.1	(14.5-17.7)	7.3	(4.9-10.7)	7.6	(3.9-14.2)	23.2	(11.9-40.2)
Household Income										
< \$35,000	13.4	(11.5-15.5)	15.1	(12.8-17.7)	8.0	(5.4-11.6)	8.8	(4.1-17.7)	15.0	(5.2-36.6)
\$35,000 +	17.3	(15.7-19.0)	17.9	(16.2-19.7)	10.2	(6.4-15.8)	10.2	(4.9-19.9)	32.7	(19.5-49.2)

^a The proportion who reported consuming five or more drinks per occasion at least once in the previous month.

^b Michigan estimates include all racial groups.

**Table 16: Drinking and Driving^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	2.3	(1.9-2.9)	2.4	(1.9-3.0)	2.2	(1.2-3.9)	1.3	(0.4-4.6)	2.4	(0.4-13.0)
Age										
18 - 49	2.9	(2.2-3.9)	3.1	(2.3-4.3)	2.7	(1.4-5.4)	1.5	(0.3-6.7)	3.2	(0.8-16.9)
50 +	1.5	(1.2-2.0)	1.6	(1.2-2.1)	1.4	(0.5-3.8)	0.7	(0.2-3.1)	0.0	---
Gender										
Male	3.5	(2.7-4.6)	3.7	(2.8-4.9)	3.1	(1.4-6.9)	2.2	(0.8-7.6)	4.4	(0.7-22.4)
Female	1.1	(0.8-1.6)	1.2	(0.8-1.8)	1.5	(0.7-3.1)	0.0	---	0.0	---
Education										
High school graduate or less	2.0	(1.3-3.0)	2.0	(1.3-3.1)	0.7	(0.1-3.8)	2.4	(0.4-13.1)	4.9	(0.8-24.4)
Some college or more	2.5	(1.9-3.2)	2.6	(2.0-3.5)	3.2	(1.7-5.9)	0.7	(0.2-3.1)	0.0	---
Household Income										
< \$35,000	1.8	(1.1-2.8)	1.8	(1.1-2.8)	1.2	(0.4-3.3)	0.5	(0.1-2.5)	5.8	(0.8-31.2)
\$35,000 +	3.0	(2.3-3.8)	3.0	(2.3-4.0)	4.1	(2.1-8.0)	2.2	(0.5-9.4)	0.4	(0.1-2.7)

^a The proportion who reported that they had driven when they'd had too much to drink at least once in the previous month.

^b Michigan estimates include all racial groups.

**Table 17: Seatbelt Use^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	90.0	(88.9-90.9)	90.8	(89.7-91.8)	87.4	(83.9-90.2)	84.8	(77.4-90.1)	87.2	(76.7-93.4)
Age										
18 - 49	88.5	(86.7-90.1)	89.6	(87.7-91.3)	85.1	(79.4-89.4)	84.1	(73.7-90.9)	88.3	(75.7-94.8)
50 +	91.7	(90.7-92.5)	92.2	(91.3-93.0)	91.0	(88.5-93.0)	86.5	(79.3-91.5)	84.0	(59.2-95.0)
Gender										
Male	86.0	(84.1-87.6)	86.9	(85.0-88.6)	83.3	(76.8-88.3)	80.5	(69.1-88.5)	83.3	(65.7-92.8)
Female	93.8	(92.7-94.7)	94.4	(93.3-95.4)	90.6	(86.7-93.5)	91.1	(84.0-95.2)	91.8	(79.1-97.0)
Education										
High school graduate or less	87.8	(85.7-89.6)	88.7	(86.5-90.6)	84.6	(77.9-89.5)	82.8	(66.4-92.1)	88.7	(72.9-95.8)
Some college or more	91.1	(89.9-92.2)	91.9	(90.7-93.0)	89.2	(85.0-92.3)	85.9	(78.0-91.3)	85.8	(69.2-94.2)
Household Income										
< \$35,000	88.3	(86.1-90.2)	89.3	(86.8-91.3)	86.7	(81.7-90.5)	81.0	(65.4-90.6)	91.7	(80.5-96.8)
\$35,000 +	90.6	(89.3-91.8)	91.5	(90.2-92.6)	90.4	(84.8-94.0)	84.3	(74.1-91.0)	80.9	(62.7-91.4)

^a The proportion who reported always using a seatbelt when driving or riding in a car.

^b Michigan estimates include all racial groups.

**Table 18: Inadequate Sleep^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	28.2	(26.8-29.7)	27.8	(26.3-29.4)	28.7	(24.5-33.2)	29.5	(22.6-37.5)	35.2	(25.5-46.3)
Age										
18 - 49	34.0	(31.7-36.4)	34.3	(31.8-36.9)	32.4	(26.4-39.2)	31.6	(22.6-42.2)	38.1	(26.1-51.7)
50 +	21.0	(19.7-22.3)	20.5	(19.2-21.8)	22.6	(18.6-27.2)	24.3	(17.2-33.2)	27.0	(13.7-46.2)
Gender										
Male	26.8	(24.7-29.1)	25.4	(23.2-27.7)	32.9	(25.8-40.9)	29.4	(19.9-41.1)	33.3	(19.5-50.6)
Female	29.6	(27.8-31.4)	30.0	(28.0-32.1)	25.2	(20.8-30.2)	29.7	(21.4-39.6)	37.5	(25.5-51.2)
Education										
High school graduate or less	28.8	(26.3-31.3)	28.2	(25.7-30.8)	26.9	(20.9-33.8)	37.2	(23.8-52.8)	30.7	(18.2-46.7)
Some college or more	28.0	(26.2-29.8)	27.6	(25.7-29.5)	29.9	(24.5-36.0)	24.9	(18.3-32.9)	39.5	(25.9-54.9)
Household Income										
< \$35,000	31.0	(28.5-33.7)	31.1	(28.2-34.1)	30.4	(24.9-36.6)	34.2	(23.0-47.7)	27.0	(15.1-43.4)
\$35,000 +	27.0	(25.1-28.9)	26.8	(24.9-28.8)	28.0	(21.0-36.3)	21.0	(13.8-30.7)	39.7	(25.5-56.0)

^a The proportion who reported 14 or more days of poor rest or sleep, during the past 30 days.

^b Michigan estimates include all racial groups.

**Table 19: No Routine Checkup in Past Year^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	34.1	(32.6-35.7)	35.5	(33.9-37.2)	27.3	(23.2-31.9)	32.6	(25.3-41.0)	30.5	(21.2-41.7)
Age										
18 - 49	43.5	(41.0-45.9)	47.2	(44.4-49.9)	32.3	(26.3-39.0)	34.5	(24.9-45.6)	32.3	(20.6-46.6)
50 +	22.4	(21.1-23.8)	22.4	(21.0-23.8)	19.4	(15.1-24.4)	27.9	(20.4-37.0)	25.4	(15.0-39.8)
Gender										
Male	39.6	(37.3-42.1)	41.2	(38.7-43.8)	33.6	(26.6-41.5)	34.4	(24.1-48.4)	39.3	(24.6-56.2)
Female	28.9	(27.1-30.9)	30.3	(28.2-32.4)	22.2	(17.8-27.4)	29.8	(21.0-40.4)	20.0	(11.7-32.2)
Education										
High school graduate or less	33.4	(30.9-36.0)	34.4	(31.7-37.2)	27.2	(20.8-34.7)	36.0	(23.1-51.4)	31.1	(18.4-47.4)
Some college or more	34.7	(32.8-36.6)	36.1	(34.1-38.3)	27.4	(22.2-33.4)	30.6	(22.3-40.5)	29.9	(17.6-45.9)
Household Income										
< \$35,000	36.8	(34.1-39.6)	40.1	(37.0-43.3)	28.5	(22.9-34.8)	31.5	(21.1-44.1)	28.3	(14.4-48.0)
\$35,000 +	32.1	(30.1-34.1)	33.3	(31.2-35.4)	24.6	(17.8-32.9)	29.3	(19.6-41.3)	26.6	(15.2-42.3)

^a The proportion who reported that they did not have a routine checkup in the past year.

^b Michigan estimates include all racial groups.

**Table 20: Had Clinical Breast Exam and Mammogram in Past Year among Women Aged 40 and Older^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	53.0	(51.1-54.8)	52.6	(50.6-54.6)	55.5	(50.0-60.9)	52.3	(41.8-62.5)	53.4	(37.4-68.7)
Education										
High school graduate or less	46.4	(43.5-49.3)	46.8	(43.7-49.9)	45.7	(37.0-54.7)		--- ^c		--- ^c
Some college or more	56.8	(54.4-59.2)	56.2	(53.5-58.7)	61.2	(54.7-67.4)	57.0	(44.6-68.6)		--- ^c
Household Income										
< \$35,000	43.7	(40.8-46.6)	43.4	(40.1-46.6)	45.7	(38.7-52.8)	35.0	(21.5-51.3)		--- ^c
\$35,000 +	59.0	(56.3-61.6)	58.2	(55.3-61.0)	69.3	(60.2-77.2)	56.9	(41.9-70.8)		--- ^c

^a Among women aged 40 years and older, the proportion who had both a clinical breast exam and mammogram in the previous year.
^b Michigan estimates include all racial groups.
^c Denominator cell size < 50.

**Table 21: Had Appropriately Timed Pap Test among Women Aged 18 and Older^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	77.7	(75.9-79.3)	76.7	(74.7-78.5)	85.4	(81.9-88.3)	71.9	(60.8-80.9)	87.7	(75.6-94.3)
Age										
18 - 49	83.4	(80.4-86.1)	82.4	(78.8-85.5)	92.6	(88.5-95.4)	72.2	(56.8-83.6)	---	^c
50 +	71.2	(69.5-72.8)	70.6	(68.7-72.3)	74.5	(68.9-79.4)	71.4	(60.4-80.3)	---	^c
Education										
High school graduate or less	67.7	(64.4-70.8)	65.6	(61.9-69.1)	81.1	(73.4-86.9)	51.2	(32.6-69.5)	---	^c
Some college or more	83.2	(81.3-85.1)	82.5	(80.2-84.5)	87.9	(84.4-90.6)	82.2	(69.6-90.3)	---	^c
Household Income										
< \$35,000	70.6	(67.4-73.6)	67.7	(63.9-71.3)	80.7	(74.8-85.5)	60.9	(43.0-76.3)	---	^c
\$35,000 +	85.5	(83.3-87.3)	84.6	(82.2-86.7)	93.7	(90.6-95.8)	82.3	(67.9-91.1)	---	^c

^a Among women aged 18 years and older, the proportion who had a Pap test within the previous three years.

^b Michigan estimates include all racial groups.

^c Denominator cell size < 50.

**Table 22: Had Prostate Specific Antigen (PSA) Test in Past Year among Men Aged 50 and Older^a by Race-Ethnicity
 2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	56.5	(53.9-59.0)	57.7	(55.0-60.3)	57.1	(48.1-65.6)	48.0	(34.2-62.2)	--- ^c	
Education										
High school graduate or less	46.2	(41.9-50.6)	48.1	(43.6-52.8)	44.7	(33.1-56.8)	---	(---)	---	(---)
Some college or more	61.8	(58.7-64.9)	62.5	(59.2-65.6)	64.2	(52.3-74.6)	---	(---)	---	(---)
Household Income										
< \$35,000	50.7	(46.3-55.0)	51.8	(47.0-56.6)	46.3	(35.0-58.1)	---	(---)	---	(---)
\$35,000 +	59.3	(55.9-62.7)	60.1	(56.6-63.5)	66.5	(53.3-77.5)	---	(---)	---	(---)

^a Men who had been diagnosed with prostate cancer were excluded. Among men aged 50 years and older, the proportion who reported having a PSA test in the past year.

^b Michigan estimates include all racial groups.

^c Denominator cell size < 50.

**Table 23: Had Sigmoidoscopy in Past 5 Years or Colonoscopy in Past 10 Years among Adults Aged 50 and Older^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	66.4	(64.9-67.9)	67.4	(65.8-69.0)	65.2	(60.5-69.7)	53.0	(43.1-62.6)	59.2	(40.8-75.3)
Gender										
Male	67.0	(64.5-69.4)	68.9	(66.4-71.4)	65.4	(57.2-72.7)	52.2	(38.1-65.9)	---	^c
Female	65.9	(64.0-67.7)	66.1	(64.1-68.1)	65.1	(59.4-70.5)	54.2	(41.7-66.2)	---	^c
Education										
High school graduate or less	59.6	(57.1-62.1)	60.8	(58.2-63.4)	55.9	(48.2-63.3)	48.5	(31.4-65.9)	---	^c
Some college or more	70.6	(68.7-72.5)	71.4	(69.4-73.3)	71.3	(65.6-76.5)	54.8	(42.8-66.2)	---	^c
Household Income										
< \$35,000	60.3	(57.8-62.7)	60.9	(58.1-63.6)	57.3	(50.7-63.7)	47.1	(32.1-62.7)	---	^c
\$35,000 +	70.3	(68.1-72.5)	71.3	(69.0-73.4)	74.7	(67.2-81.0)	55.8	(41.5-69.2)	---	^c

^a Among those aged 50 years and older, the proportion who had a sigmoidoscopy within the past five years or a colonoscopy within the past ten years.

^b Michigan estimates include all racial groups.

^c Denominator cell size < 50.

**Table 24: No Dental Visit in Past Year^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	27.5	(26.2-28.9)	24.9	(23.4-26.3)	37.7	(33.5-42.1)	34.3	(27.2-42.2)	36.5	(26.8-47.4)
Age										
18 - 49	29.9	(27.6-32.2)	27.2	(24.8-29.7)	37.7	(31.6-44.3)	36.2	(26.9-46.7)	39.6	(27.2-53.5)
50 +	24.3	(23.0-25.6)	22.3	(20.9-23.7)	37.7	(33.0-42.6)	29.6	(22.0-38.6)	28.0	(18.0-40.7)
Gender										
Male	29.5	(27.4-31.7)	27.2	(25.0-29.5)	35.9	(29.3-43.1)	33.9	(24.3-45.2)	42.5	(27.5-59.0)
Female	25.7	(23.2-27.5)	22.8	(20.9-24.7)	39.2	(33.9-44.7)	35.0	(25.7-45.5)	29.4	(19.2-42.1)
Education										
High school graduate or less	37.3	(34.8-39.9)	35.1	(32.5-37.7)	46.6	(39.6-53.8)	43.2	(29.6-57.8)	38.5	(24.7-54.4)
Some college or more	21.9	(20.3-23.6)	19.6	(17.9-21.3)	31.7	(26.7-37.2)	28.8	(21.3-37.6)	34.5	(21.9-49.8)
Household Income										
< \$35,000	46.0	(43.3-48.7)	44.2	(41.2-47.3)	52.1	(46.0-58.1)	48.6	(35.6-61.7)	45.1	(29.0-62.3)
\$35,000 +	16.7	(15.1-18.3)	15.6	(14.0-17.3)	20.2	(14.9-26.8)	21.8	(14.2-32.0)	25.8	(14.7-41.3)

^a The proportion who reported that they had not visited a dentist or dental clinic for any reason in the previous year.

^b Michigan estimates include all racial groups.

**Table 25: Had Flu Vaccine in Past Year among Adults 65 Years and Older^a by Race-Ethnicity
 2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	67.5	(65.6-69.3)	69.3	(67.3-71.3)	54.8	(48.5-60.8)	63.8	(50.5-75.4)	--- ^c	
Gender										
Male	67.6	(64.5-70.6)	68.5	(65.2-71.7)	65.8	(53.7-76.1)	---	(---)	---	(---)
Female	67.4	(65.1-69.7)	69.9	(67.3-72.3)	48.2	(41.6-54.8)	---	(---)	---	(---)
Education										
High school graduate or less	66.8	(64.1-69.5)	68.5	(65.5-71.3)	52.6	(44.9-60.3)	---	(---)	---	(---)
Some college or more	68.8	(66.2-71.4)	70.0	(67.2-72.7)	56.6	(47.2-65.6)	---	(---)	---	(---)
Household Income										
< \$35,000	65.6	(62.8-68.3)	66.8	(63.7-69.8)	56.2	(48.4-63.7)	---	(---)	---	(---)
\$35,000 +	70.2	(67.0-73.2)	71.3	(68.0-74.5)	57.6	(44.0-70.2)	---	(---)	---	(---)

^a Among those 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.

^b Michigan estimates include all racial groups.

^c Denominator cell size < 50.

**Table 26: Ever Had Pneumonia Vaccine among Adults 65 Years and Older^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	67.8	(35.8-69.6)	68.8	(66.7-70.8)	56.2	(49.7-62.4)	75.1	(62.4-84.6)	--- ^c	
Gender										
Male	63.7	(60.4-66.8)	64.2	(60.8-67.6)	56.3	(43.1-68.7)	---	(---)	---	(---)
Female	70.7	(68.4-72.9)	72.0	(69.5-74.4)	56.1	(49.5-62.5)	---	(---)	---	(---)
Education										
High school graduate or less	68.4	(65.7-71.0)	69.1	(66.1-71.9)	55.5	(47.7-63.0)	---	(---)	---	(---)
Some college or more	67.3	(64.5-69.9)	68.4	(65.5-71.2)	56.8	(46.7-66.3)	---	(---)	---	(---)
Household Income										
< \$35,000	68.0	(65.2-70.8)	69.4	(66.3-72.3)	54.6	(46.3-62.7)	---	(---)	---	(---)
\$35,000 +	67.6	(64.3-70.7)	67.8	(64.4-71.1)	63.4	(49.9-75.1)	---	(---)	---	(---)

^a Among those aged 65 years and older, the proportion who reported that they ever had a pneumococcal vaccine.

^b Michigan estimates include all racial groups.

^c Denominator cell size < 50.

**Table 27: Ever Had an HIV Test among Adults 18 – 64 Years of Age^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	38.0	(36.3-39.8)	33.2	(31.4-35.1)	64.4	(59.4-69.1)	40.7	(32.7-49.3)	49.6	(37.5-61.7)
Age										
18 - 49	44.4	(42.0-46.9)	39.6	(37.0-42.3)	72.0	(65.6-77.6)	42.3	(32.6-52.8)	51.6	(37.6-65.3)
50 - 64	24.4	(22.5-26.4)	20.6	(18.8-22.6)	45.3	(39.0-51.7)	34.8	(23.9-47.5)	---	^c
Gender										
Male	34.1	(31.5-36.7)	29.7	(27.1-32.5)	62.1	(53.8-69.8)	30.9	(21.5-42.1)	---	^c
Female	42.0	(39.6-44.3)	36.6	(34.1-39.2)	66.3	(60.2-71.8)	55.8	(44.1-66.8)	48.5	(33.9-63.3)
Education										
High school graduate or less	35.2	(32.1-38.4)	29.6	(26.4-33.1)	57.7	(49.2-65.7)	38.9	(25.5-54.2)	---	^c
Some college or more	39.5	(37.4-41.7)	34.8	(32.6-37.1)	68.6	(62.6-74.1)	41.9	(32.3-52.2)	52.4	(36.7-67.6)
Household Income										
< \$35,000	43.3	(39.9-46.7)	36.2	(32.3-40.2)	67.7	(60.8-73.9)	44.3	(31.1-58.3)	---	^c
\$35,000 +	37.2	(35.0-39.4)	33.7	(31.5-36.0)	61.4	(53.1-69.1)	42.3	(31.0-54.4)	51.0	(34.6-67.2)

^a Among those 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.

^b Michigan estimates include all racial groups.

^c Denominator cell size < 50.

**Table 28: Lifetime Asthma Prevalence - Adult^a by Race-Ethnicity
 2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	15.8	(14.6-16.9)	14.9	(13.7-16.2)	19.8	(16.2-24.0)	18.5	(13.5-24.8)	15.5	(9.1-25.3)
Age										
18 - 49	17.8	(16.0-19.8)	16.8	(14.8-19.0)	22.4	(17.1-28.8)	20.1	(13.6-28.6)	16.6	(8.6-29.9)
50 +	13.1	(12.1-14.2)	12.7	(11.7-13.8)	15.7	(12.1-20.1)	14.6	(9.2-22.5)	12.3	(6.8-21.4)
Gender										
Male	13.6	(12.0-15.4)	12.1	(10.5-13.9)	18.9	(13.1-26.5)	18.5	(11.8-27.8)	16.0	(6.9-32.6)
Female	17.8	(16.3-19.4)	17.5	(15.8-19.3)	20.5	(16.3-25.6)	18.5	(12.2-27.1)	15.0	(7.9-26.6)
Education										
High school graduate or less	15.9	(14.0-18.0)	14.4	(12.5-16.5)	21.1	(15.1-28.6)	21.8	(13.3-33.7)	17.1	(7.5-34.6)
Some college or more	15.6	(14.2-17.0)	15.1	(13.6-16.7)	18.9	(14.6-24.2)	16.5	(10.8-24.3)	14.0	(7.2-25.3)
Household Income										
< \$35,000	19.0	(16.9-21.3)	16.9	(14.7-19.4)	20.2	(15.5-25.8)	30.0	(19.8-42.6)	28.7	(15.3-47.4)
\$35,000 +	13.8	(12.4-15.4)	13.7	(12.3-15.4)	19.1	(13.1-27.1)	12.7	(7.4-20.8)	3.5	(1.3-9.3)

^a The proportion who reported that they were told by a doctor, nurse, or other health care professional that they had asthma.

^b Michigan estimates include all racial groups.

**Table 29: Current Asthma Prevalence - Adult^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	10.5	(9.6-11.4)	10.0	(9.0-11.0)	11.1	(8.7-14.1)	14.3	(9.9-20.3)	10.8	(5.5-20.3)
Age										
18 - 49	11.5	(10.1-13.1)	11.0	(9.4-12.8)	12.1	(8.6-16.7)	15.7	(10.0-23.8)	10.9	(4.5-24.5)
50 +	9.0	(8.2-9.9)	8.8	(8.0-9.8)	9.5	(7.0-12.6)	11.0	(6.3-18.3)	10.5	(5.5-19.3)
Gender										
Male	8.2	(7.0-9.6)	7.0	(5.9-8.2)	9.7	(6.0-15.3)	13.5	(7.8-22.3)	13.4	(5.1-30.7)
Female	12.6	(11.3-14.0)	12.7	(11.3-14.3)	12.2	(9.4-15.7)	15.7	(9.8-24.1)	7.9	(3.8-15.7)
Education										
High school graduate or less	10.4	(8.9-12.1)	9.4	(8.0-11.1)	11.6	(7.6-17.3)	15.9	(8.7-27.0)	14.1	(5.3-32.5)
Some college or more	10.4	(9.3-11.6)	10.2	(9.0-11.5)	10.8	(8.0-14.3)	13.4	(8.3-21.0)	7.8	(3.6-15.9)
Household Income										
< \$35,000	13.9	(12.1-15.9)	12.0	(10.3-14.0)	13.6	(9.9-18.5)	25.3	(15.9-37.8)	25.6	(12.7-44.9)
\$35,000 +	8.4	(7.4-9.6)	8.6	(7.5-9.9)	9.2	(6.0-14.0)	8.1	(4.1-15.2)	2.2	(0.5-8.7)

^a Among all respondents, the proportion who reported that they still had asthma.

^b Michigan estimates include all racial groups.

**Table 30: Ever Told Arthritis^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	32.3	(30.8-33.9)	33.6	(31.9-35.3)	28.7	(24.4-33.4)	22.6	(16.8-29.7)	16.9	(10.3-26.2)
Age										
18 - 49	16.7	(14.7-18.8)	17.4	(15.2-19.9)	14.9	(10.0-21.6)	11.7	(6.3-21.0)		--- ^c
50 +	51.9	(50.0-53.8)	52.4	(50.3-54.4)	53.0	(47.2-58.7)	44.3	(34.7-54.4)	37.2	(22.6-54.6)
Gender										
Male	27.0	(24.7-29.3)	27.9	(25.4-30.6)	23.0	(16.0-31.8)	25.1	(16.2-36.6)		--- ^c
Female	37.3	(35.3-39.3)	39.0	(36.8-41.2)	32.5	(27.2-38.2)	19.5	(13.5-27.4)	24.7	(14.8-38.3)
Education										
High school graduate or less	37.5	(34.7-40.3)	40.1	(37.0-43.3)	29.4	(23.0-36.7)	23.8	(14.1-37.3)	17.5	(9.0-31.2)
Some college or more	29.5	(27.7-31.4)	30.3	(28.3-32.4)	28.2	(22.6-34.6)	21.9	(15.2-30.6)		--- ^c
Household Income										
< \$35,000	38.8	(36.0-41.8)	41.9	(38.5-45.3)	32.1	(26.4-38.4)	22.9	(13.9-35.2)		--- ^c
\$35,000 +	28.7	(26.7-30.8)	29.5	(27.3-31.7)	26.3	(18.9-35.3)	22.3	(14.2-33.1)		--- ^c

^a Among all adults, the proportion who had ever being told by a health care professional that they had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia.

^b Michigan estimates include all racial groups.

^c Denominator cell size < 50.

**Table 31: Ever Told Heart Attack^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	4.9	(4.4-5.4)	4.8	(4.3-5.3)	5.5	(4.2-7.2)	6.0	(3.7-9.5)	1.8	(0.9-3.7)
Age										
18 - 49	1.0	(0.6-1.5)	0.7	(0.4-1.1)	2.3	(1.1-4.8)	2.2	(0.6-7.2)	0.0	---
50 +	9.7	(8.9-10.6)	9.4	(8.5-10.3)	10.6	(8.2-13.6)	15.4	(9.9-23.2)	6.8	(3.3-13.7)
Gender										
Male	6.3	(5.5-7.1)	6.3	(5.5-7.2)	6.6	(4.3-10.0)	6.8	(3.6-12.6)	1.3	(0.4-4.1)
Female	3.6	(3.1-4.1)	3.3	(2.9-3.9)	4.6	(3.3-6.3)	4.6	(2.8-7.5)	2.5	(1.0-6.0)
Education										
High school graduate or less	6.9	(6.1-7.9)	7.6	(6.6-8.7)	5.9	(4.2-8.3)	5.1	(2.3-10.9)	3.0	(1.3-6.6)
Some college or more	3.6	(3.2-4.2)	3.3	(2.8-3.8)	5.2	(3.5-7.8)	6.5	(3.6-11.5)	0.7	(0.1-3.8)
Household Income										
< \$35,000	7.8	(6.9-8.9)	8.6	(7.4-9.9)	7.7	(5.5-10.7)	3.7	(2.0-6.9)	4.3	(1.9-9.5)
\$35,000 +	3.2	(2.7-3.8)	3.0	(2.5-3.6)	4.2	(2.5-6.8)	5.6	(2.5-12.1)	0.0	---

^a Among all adults, the proportion who had ever been told by a doctor that they had a heart attack or myocardial infarction.

^b Michigan estimates include all racial groups.

**Table 32: Ever Told Angina or Coronary Heart Disease^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	5.3	(4.8-5.8)	5.3	(4.8-5.8)	4.0	(3.0-5.3)	6.7	(4.1-10.7)	6.4	(2.8-14.0)
Age										
18 - 49	1.1	(0.8-1.7)	0.8	(0.5-1.3)	1.6	(0.9-3.0)	3.4	(1.2-9.1)	0.8	(0.1-5.7)
50 +	10.6	(9.7-11.6)	10.4	(9.5-11.4)	7.9	(5.9-10.7)	15.0	(9.4-23.0)	21.9	(9.8-42.1)
Gender										
Male	6.2	(5.4-7.2)	6.3	(5.5-7.2)	3.6	(2.2-5.9)	8.1	(4.3-14.7)	8.0	(2.5-22.7)
Female	4.4	(3.9-5.0)	4.4	(3.8-5.1)	4.4	(3.2-6.1)	4.4	(2.5-7.7)	4.5	(1.9-10.4)
Education										
High school graduate or less	6.8	(5.9-7.8)	7.2	(6.2-8.3)	4.6	(3.0-6.8)	3.9	(1.6-9.1)	10.7	(4.0-25.3)
Some college or more	4.4	(3.9-5.0)	4.3	(3.7-4.9)	3.7	(2.5-5.4)	8.4	(4.8-14.4)	2.3	(0.7-7.6)
Household Income										
< \$35,000	8.2	(7.2-9.3)	9.1	(7.9-10.5)	5.0	(3.6-7.1)	7.1	(3.3-14.4)	8.8	(4.2-17.3)
\$35,000 +	3.8	(3.2-4.5)	3.5	(3.0-4.1)	3.3	(1.9-5.8)	7.2	(3.5-14.1)	5.9	(1.2-24.8)

^a Among all adults, the proportion who had ever been told by a doctor that they had angina or coronary heart disease.

^b Michigan estimates include all racial groups.

**Table 33: Ever Told Stroke^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	2.9	(2.6-3.3)	2.7	(2.4-3.1)	3.6	(2.6-5.0)	4.1	(2.3-7.5)	1.7	(0.8-3.6)
Age										
18 - 49	1.0	(0.6-1.5)	0.7	(0.4-1.3)	1.2	(0.4-3.3)	2.9	(1.0-8.2)	0.0	---
50 +	5.4	(4.8-6.0)	5.0	(4.4-5.6)	7.5	(5.5-10.2)	7.2	(4.1-12.2)	6.3	(2.8-13.3)
Gender										
Male	2.8	(2.2-3.4)	2.4	(1.9-3.1)	3.3	(1.9-5.7)	5.3	(2.6-10.8)	1.6	(0.5-4.9)
Female	3.0	(2.6-3.5)	3.0	(2.5-3.6)	3.9	(2.6-5.8)	2.2	(1.0-4.7)	1.8	(0.6-5.0)
Education										
High school graduate or less	3.8	(3.2-4.6)	3.9	(3.2-4.8)	3.9	(2.3-6.5)	3.3	(1.1-9.8)	2.8	(1.2-6.6)
Some college or more	2.4	(2.0-2.8)	2.1	(1.8-2.6)	3.4	(2.3-5.2)	4.7	(2.3-9.3)	0.6	(0.1-4.0)
Household Income										
< \$35,000	5.1	(4.3-6.1)	5.1	(4.2-6.1)	4.3	(2.9-6.5)	7.9	(3.6-16.2)	3.2	(1.2-8.1)
\$35,000 +	1.5	(1.2-2.0)	1.4	(1.1-1.9)	2.8	(1.4-5.5)	1.8	(0.6-5.3)	0.6	(0.1-4.3)

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

^b Michigan estimates include all racial groups.

**Table 34: Ever Told Any Cardiovascular Disease^a by Race-Ethnicity
 2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	9.6	(9.0-10.3)	9.4	(8.8-10.2)	9.4	(7.6-11.5)	11.8	(8.3-16.7)	8.3	(4.2-15.7)
Age										
18 - 49	2.6	(2.0-3.4)	2.0	(1.5-2.8)	4.0	(2.3-6.9)	6.0	(2.8-12.3)	0.9	(0.1-5.9)
50 +	18.5	(17.3-19.7)	17.8	(16.7-19.0)	18.0	(14.9-21.7)	26.3	(19.0-35.2)	28.5	(15.4-46.7)
Gender										
Male	11.0	(9.9-12.2)	10.9	(9.8-12.1)	9.4	(6.6-13.4)	13.6	(8.4-21.3)	10.3	(3.9-24.3)
Female	8.3	(7.5-9.0)	8.1	(7.3-9.0)	9.3	(7.3-11.8)	9.0	(6.0-13.3)	6.0	(2.9-12.0)
Education										
High school graduate or less	12.9	(11.6-14.3)	13.5	(12.1-15.0)	10.6	(8.0-14.1)	10.1	(5.4-18.2)	13.5	(6.1-27.2)
Some college or more	7.7	(7.0-8.5)	7.3	(6.6-8.1)	8.6	(6.3-11.4)	12.9	(8.3-19.5)	3.1	(1.1-8.5)
Household Income										
< \$35,000	15.2	(13.8-16.8)	16.2	(14.5-18.0)	12.2	(9.3-15.7)	15.0	(8.7-24.6)	12.5	(6.8-21.7)
\$35,000 +	6.4	(5.6-7.2)	6.1	(5.4-6.9)	7.2	(4.8-10.6)	8.8	(4.8-15.6)	6.5	(1.5-24.1)

^a Among all adults, the proportion who had ever been told by a doctor that they had a heart attack, coronary heart disease or a stroke.

^b Michigan estimates include all racial groups.

**Table 35: Ever Told Diabetes^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	10.1	(9.4-10.9)	9.2	(8.4-10.0)	15.9	(13.3-19.0)	11.3	(7.8-16.0)	9.2	(5.5-15.2)
Age										
18 - 49	4.7	(3.8-5.9)	3.4	(2.5-4.6)	10.0	(6.8-14.5)	7.7	(4.1-14.1)	5.0	(1.8-13.5)
50 +	16.9	(15.9-18.1)	15.6	(14.5-16.8)	25.4	(21.6-29.7)	20.1	(14.1-27.9)	21.0	(12.5-33.0)
Gender										
Male	11.4	(10.1-12.7)	10.5	(9.2-12.0)	16.4	(12.1-21.8)	14.5	(9.2-22.0)	7.0	(3.3-14.4)
Female	9.0	(8.1-9.9)	7.9	(7.1-8.8)	15.6	(12.4-19.4)	6.2	(3.8-9.8)	11.9	(5.9-22.6)
Education										
High school graduate or less	12.6	(11.3-14.1)	11.8	(10.5-13.3)	17.0	(12.8-22.1)	10.8	(5.7-19.3)	15.9	(8.8-27.0)
Some college or more	8.7	(7.8-9.7)	7.8	(6.8-8.8)	15.3	(11.9-19.3)	11.6	(7.4-17.8)	2.8	(0.9-8.9)
Household Income										
< \$35,000	13.9	(12.5-15.6)	12.9	(11.3-14.6)	17.9	(14.2-22.2)	13.9	(7.9-23.4)	15.5	(7.5-29.5)
\$35,000 +	7.8	(6.9-8.9)	7.0	(6.0-8.0)	16.4	(11.8-22.4)	8.9	(5.1-15.2)	5.0	(2.1-11.3)

^a The proportion who reported that they were ever told by a doctor that they have diabetes. Adults who had been told they have prediabetes and women who had diabetes only during pregnancy were classified as not having been diagnosed.

^b Michigan estimates include all racial groups.

**Table 36: Fell During the Past Three Months among Adults 45 Years and Older^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	16.9	(15.9-18.1)	16.8	(15.7-18.0)	17.3	(13.8-21.4)	15.8	(10.7-22.6)	18.3	(10.3-30.3)
Gender										
Male	15.7	(14.0-17.4)	15.6	(13.9-17.5)	15.1	(9.6-23.0)	16.8	(9.7-27.6)	---	^c
Female	17.9	(16.6-19.3)	17.9	(16.4-19.4)	18.9	(14.9-23.6)	14.1	(8.6-22.3)	20.4	(10.7-35.5)
Education										
High school graduate or less	18.2	(16.4-20.2)	17.6	(15.8-19.6)	20.6	(14.2-28.9)	26.3	(13.9-44.2)	19.0	(8.8-36.1)
Some college or more	16.0	(14.7-17.3)	16.3	(14.9-17.9)	15.0	(11.6-19.1)	12.0	(7.6-18.5)	---	^c
Household Income										
< \$35,000	20.3	(18.3-22.3)	20.2	(18.2-22.4)	20.0	(14.6-26.7)	19.0	(10.3-32.2)	---	^c
\$35,000 +	14.9	(13.5-16.4)	15.3	(13.8-16.9)	14.1	(9.8-20.0)	10.1	(5.6-17.5)	---	^c

^a Among those 45 years and older, the proportion who reported to have unintentionally come to rest on the ground or another lower level during the past three months.

^b Michigan estimates include all racial groups.

^c Denominator cell size < 50.

**Table 37: Injured From a Fall during the Past Three Months among Adults 45 Years and Older^a by Race-Ethnicity
2010 Michigan BRFSS**

Demographic Characteristics	Michigan ^b		White, Non-Hispanic		Black, Non-Hispanic		Other/Multiracial, Non-Hispanic		Hispanic	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	5.4	(4.8-6.1)	5.4	(4.7-6.1)	5.4	(3.9-7.6)	4.8	(2.7-8.3)	7.3	(2.8-17.7)
Gender										
Male	4.0	(3.2-5.0)	4.1	(3.2-5.2)	2.4	(1.3-4.4)	3.7	(1.4-9.1)	---	^c
Female	6.6	(5.8-7.6)	6.5	(5.6-7.6)	7.6	(5.2-11.1)	6.5	(3.3-12.2)	5.3	(2.1-13.2)
Education										
High school graduate or less	6.3	(5.3-7.6)	6.1	(5.0-7.5)	6.5	(3.7-11.2)	7.4	(2.9-17.3)	---	^c
Some college or more	4.8	(4.1-5.6)	4.9	(4.1-5.8)	4.7	(3.2-6.8)	3.9	(1.9-7.8)	---	^c
Household Income										
< \$35,000	7.8	(6.6-9.2)	7.7	(6.4-9.3)	7.6	(5.0-11.5)	7.2	(3.3-15.0)	---	^c
\$35,000 +	4.1	(3.3-4.9)	4.2	(3.5-5.2)	3.0	(1.7-5.5)	2.1	(0.7-6.5)	---	^c

^a Among all those age 45 years and older, the proportion who reported to have been injured due to a fall during the past three months.

^b Michigan estimates include all racial groups.

^c Denominator cell size < 50.