2004 Michigan Behavioral Risk Factor Survey: Estimates By Race

Selected Tables

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Table of Contents

Introduction 2
Table 1: Fair or Poor General Health 3
Table 2: Poor Physical Health on at Least 14 Days in the Past Month 4
Table 3: Poor Mental Health on at Least 14 Days in the Past Month 5
Table 4: Activity Limitation on at Least 14 Days in the Past Month 6
Table 5: Mean Number of Days of Poor Physical Health 7
Table 6: Mean Number of Days of Poor Mental Health 8
Table 7: Mean Number of Days of Activity Limitation 9
Table 8: No Health Care Coverage Among Those Aged 18 - 64 Years 10
Table 9: No Personal Health Care Provider 11
Table 10: No Health Care Access During Past 12 Months Due to Cost 12
Table 11: Obesity 13
Table 12: No Leisure-Time Physical Activity 14
Table 13: Diabetes 15
Table 14: Ever Told Have Asthma 16
Table 15: Still Have Asthma 17
Table 16: Current Smoking 18
Table 17: Binge Drinking 19
Table 18: Disability 20
Table 19: Activity Limitation Because of Physical, Mental, or Emotional Problems 21
Table 20: Used Special Equipment 22
Table 21: No Dental Visit in the Past Year 23
Table 22: No Teeth Cleaning in the Past Year 24
Table 23: 6+ Teeth Missing 25
Table 24: Ever Had An HIV Test Among Adults Aged 18 - 64 Years 26
Table 25: At-Risk Behaviors for Acquiring HIV Among Adults Aged 18 - 64 Years 27
Table 26: STD Prevention Among Adults Aged 18 - 64 Years 28
Table 27: Having No Firearms in the Home 29
Table 28: Poor Indoor Air Quality 30
Table 29: Poor Outdoor Air Quality 31

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 2004 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. The total sample size of completed interviews was 4943, with 422 being African Americans. This relatively small sample size for African Americans required that some of the demographic groups be combined for analysis, e.g., estimation was possible for only two groups by education and household income. Some of the estimates for African-American subgroups are relatively imprecise (i.e., have large confidence intervals) and should be used with caution.

State-specific, population-based prevalence estimates and confidence limits were calculated for health risk behaviors, preventive health practices, and chronic conditions among the adult population in Michigan by race. 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 at the state level. These analyses were performed in SUDAAN, a statistical computing program that was designed for complex sample surveys. In tables of MI BRFS results from previous years, confidence intervals were presented as ± half of the width of a symmetric confidence interval (1.96 times the standard error). In these 2004 MI BRFS tables, however, we are able to include asymmetric confidence intervals as they are now calculated by SUDAAN (version 9.0). A useful rule of thumb when comparing two estimates is that if the confidence intervals do not overlap, it is likely that the two estimates are significantly different.

Table 1: Fair or Poor General Health[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**14.4**	**(13.4 - 15.5)**	**13.7**	**(12.6 - 14.8)**	**19.3**	**(15.6 - 23.8)**
Age						
18 - 34	7.6	(5.9 - 9.8)	7.1	(5.2 - 9.6)	10.2	(5.7 - 17.6)
35 - 54	12.7	(11.1 - 14.4)	11.4	(9.8 - 13.1)	20.9	(14.7 - 28.8)
55 +	23.7	(21.7 - 25.8)	22.6	(20.6 - 24.8)	30.7	(22.9 - 39.8)
Gender						
Male	13.0	(11.4 - 14.7)	12.9	(11.3 - 14.7)	13.4	(8.6 - 20.4)
Female	15.7	(14.3 - 17.3)	14.4	(13.0 - 16.0)	24.2	(19.0 - 30.2)
Education						
High school graduate or less	20.7	(18.7 - 22.8)	20.7	(18.6 - 22.9)	21.4	(15.6 - 28.6)
Some college or more	10.0	(8.9 - 11.2)	9.0	(7.9 - 10.2)	17.8	(13.1 - 23.6)
Household Income						
< $35,000	25.3	(23.1 - 27.7)	25.8	(23.3 - 28.5)	25.3	(19.6 - 32.0)
$35,000 +	7.1	(6.1 - 8.2)	7.1	(6.0 - 8.3)	8.0	(4.6 - 13.6)

[a] The proportion who reported that their health, in general, was either fair or poor.
[b] Total estimates include all racial groups.

Table 2: Poor Physical Health on at Least 14 Days in the Past Month[a] by Race
2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**10.7**	**(9.8 - 11.7)**	**10.2**	**(9.3 - 11.3)**	**13.7**	**(10.4 - 18.0)**
Age						
18 - 34	5.0	(3.6 - 6.9)	4.2	(2.7 - 6.2)	8.0	(3.9 - 15.7)
35 - 54	10.7	(9.2 - 12.3)	10.0	(8.5 - 11.6)	16.4	(10.9 - 24.0)
55 +	16.6	(14.9 - 18.5)	16.1	(14.3 - 18.1)	18.6	(12.1 - 27.4)
Gender						
Male	8.4	(7.1 - 9.9)	7.8	(6.5 - 9.3)	12.2	(7.3 - 19.6)
Female	12.9	(11.6 - 14.3)	12.5	(11.1 - 14.0)	15.0	(10.8 - 20.4)
Education						
High school graduate or less	14.5	(12.8 - 16.4)	13.7	(11.9 - 15.6)	19.6	(13.8 - 27.2)
Some college or more	8.1	(7.1 - 9.2)	8.0	(6.9 - 9.2)	8.9	(5.7 - 13.7)
Household Income						
< $35,000	16.5	(14.7 - 18.6)	16.6	(14.6 - 18.9)	15.3	(10.6 - 21.4)
$35,000 +	6.1	(5.1 - 7.2)	5.9	(4.9 - 7.1)	9.1	(4.9 - 16.4)

[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] Total estimates include all racial groups.

Table 3: Poor Mental Health on at Least 14 Days in the Past Month[a] by Race
2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**11.0**	**(10.0 - 12.1)**	**10.6**	**(9.6 - 11.8)**	**12.5**	**(9.4 - 16.5)**
Age						
18 - 34	12.2	(10.0 - 14.8)	12.2	(9.7 - 15.1)	14.3	(8.8 - 22.4)
35 - 54	12.0	(10.5 - 13.7)	11.5	(9.9 - 13.3)	12.9	(8.4 - 19.4)
55 +	8.5	(7.2 - 9.9)	8.1	(6.8 - 9.6)	9.3	(4.9 - 17.0)
Gender						
Male	8.9	(7.5 - 10.5)	8.6	(7.1 - 10.4)	9.9	(5.8 - 16.5)
Female	13.0	(11.6 - 14.4)	12.5	(11.1 - 14.1)	14.5	(10.4 - 20.0)
Education						
High school graduate or less	13.0	(11.3 - 14.9)	12.8	(10.9 - 14.9)	13.9	(9.3 - 20.3)
Some college or more	9.6	(8.5 - 11.0)	9.2	(8.0 - 10.5)	11.5	(7.6 - 17.0)
Household Income						
< $35,000	17.1	(15.0 - 19.4)	16.2	(13.9 - 18.8)	18.2	(13.1 - 24.7)
$35,000 +	7.3	(6.2 - 8.5)	7.5	(6.4 - 8.9)	4.2	(2.0 - 8.5)

[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] Total estimates include all racial groups.

Table 4: Activity Limitation on at Least 14 Days in the Past Month[a] by Race
2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**6.7**	**(5.9 - 7.5)**	**6.2**	**(5.5 - 7.1)**	**9.8**	**(7.0 - 13.5)**
Age						
18 - 34	3.9	(2.7 - 5.6)	3.3	(2.1 - 5.2)	6.1	(2.7 - 13.1)
35 - 54	7.0	(5.8 - 8.3)	6.3	(5.1 - 7.6)	11.5	(7.0 - 18.3)
55 +	9.2	(7.8 - 10.8)	8.9	(7.5 - 10.5)	12.7	(7.5 - 20.8)
Gender						
Male	5.6	(4.6 - 6.8)	5.2	(4.2 - 6.5)	7.9	(4.2 - 14.4)
Female	7.7	(6.7 - 8.9)	7.2	(6.1 - 8.4)	11.2	(7.6 - 16.2)
Education						
High school graduate or less	8.8	(7.5 - 10.3)	8.2	(6.8 - 9.8)	13.4	(8.6 - 20.2)
Some college or more	5.2	(4.4 - 6.2)	5.0	(4.1 - 6.0)	6.9	(4.1 - 11.3)
Household Income						
< $35,000	11.5	(9.9 - 13.3)	11.0	(9.3 - 12.9)	13.1	(8.8 - 19.0)
$35,000 +	3.1	(2.4 - 3.9)	3.2	(2.5 - 4.1)	3.3	(1.4 - 7.5)

[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] Total estimates include all racial groups.

Table 5: Mean Number of Days of Poor Physical Health[a] by Race
2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	Mean # of Days	95% Confidence Interval	Mean # of Days	95% Confidence Interval	Mean # of Days	95% Confidence Interval
Total	**3.6**	**(3.3 - 3.8)**	**3.5**	**(3.2 - 3.7)**	**4.3**	**(3.3 - 5.3)**
Age						
18 - 34	2.1	(1.7 - 2.5)	1.9	(1.5 - 2.3)	2.6	(1.3 - 3.9)
35 - 54	3.5	(3.1 - 3.9)	3.3	(2.9 - 3.7)	5.2	(3.4 - 7.1)
55 +	5.2	(4.7 - 5.7)	5.1	(4.6 - 5.6)	5.7	(3.7 - 7.7)
Gender						
Male	3.0	(2.6 - 3.4)	2.8	(2.5 - 3.2)	4.2	(2.5 - 5.9)
Female	4.1	(3.8 - 4.5)	4.1	(3.7 - 4.4)	4.4	(3.3 - 5.6)
Education						
High school graduate or less	4.6	(4.1 - 5.1)	4.4	(4.0 - 4.9)	5.6	(3.8 - 7.3)
Some college or more	2.9	(2.6 - 3.2)	2.8	(2.5 - 3.1)	3.3	(2.2 - 4.4)
Household Income						
< $35,000	5.2	(4.7 - 5.7)	5.3	(4.7 - 5.8)	4.7	(3.4 - 6.1)
$35,000 +	2.3	(2.0 - 2.6)	2.3	(2.0 - 2.5)	3.0	(1.5 - 4.6)

[a] The mean number of days during the past 30 days in which physical health, including illness and injury, was not good.
[b] Total estimates include all racial groups.

Table 6: Mean Number of Days of Poor Mental Health[a] by Race
2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	Mean # of Days	95% Confidence Interval	Mean # of Days	95% Confidence Interval	Mean # of Days	95% Confidence Interval
Total	**3.8**	**(3.5 - 4.0)**	**3.7**	**(3.4 - 4.0)**	**4.1**	**(3.2 - 4.9)**
Age						
18 - 34	4.3	(3.8 - 4.9)	4.3	(3.7 - 5.0)	4.6	(3.2 - 6.0)
35 - 54	4.1	(3.7 - 4.5)	3.9	(3.5 - 4.4)	4.4	(2.9 - 5.9)
55 +	2.8	(2.5 - 3.2)	2.8	(2.4 - 3.1)	2.8	(1.5 - 4.1)
Gender						
Male	3.1	(2.7 - 3.5)	3.1	(2.6 - 3.5)	3.0	(1.8 - 4.3)
Female	4.4	(4.1 - 4.8)	4.3	(3.9 - 4.6)	4.9	(3.8 - 6.0)
Education						
High school graduate or less	4.2	(3.8 - 4.7)	4.2	(3.7 - 4.6)	4.5	(3.2 - 5.8)
Some college or more	3.5	(3.2 - 3.8)	3.4	(3.1 - 3.7)	3.8	(2.7 - 4.8)
Household Income						
< $35,000	5.3	(4.7 - 5.8)	5.1	(4.5 - 5.6)	5.6	(4.3 - 7.0)
$35,000 +	2.9	(2.6 - 3.2)	3.0	(2.7 - 3.3)	2.1	(1.3 - 3.0)

[a] The mean number of days during the past 30 days in which mental health, including stress, depression, and problems with emotions, was not good.
[b] Total estimates include all racial groups.

Table 7: Mean Number of Days of Activity Limitation[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	Mean # of Days	95% Confidence Interval	Mean # of Days	95% Confidence Interval	Mean # of Days	95% Confidence Interval
Total	**2.2**	**(2.0 - 2.4)**	**2.0**	**(1.8 - 2.2)**	**3.1**	**(2.3 - 3.8)**
Age						
18 - 34	1.5	(1.1 - 1.8)	1.3	(0.9 - 1.7)	2.0	(1.0 - 3.0)
35 - 54	2.3	(1.9 - 2.6)	2.1	(1.8 - 2.4)	3.4	(2.1 - 4.8)
55 +	2.7	(2.3 - 3.1)	2.6	(2.2 - 3.0)	4.1	(2.3 - 6.0)
Gender						
Male	1.8	(1.5 - 2.1)	1.7	(1.4 - 2.0)	2.3	(1.1 - 3.5)
Female	2.5	(2.2 - 2.8)	2.3	(2.0 - 2.6)	3.7	(2.6 - 4.7)
Education						
High school graduate or less	2.7	(2.3 - 3.1)	2.5	(2.2 - 2.9)	3.8	(2.4 - 5.1)
Some college or more	1.8	(1.6 - 2.0)	1.7	(1.4 - 4.9)	2.5	(1.6 - 3.4)
Household Income						
< $35,000	3.4	(3.0 - 3.9)	3.3	(2.8 - 3.7)	4.0	(2.8 - 5.3)
$35,000 +	1.2	(1.1 - 1.4)	1.2	(1.0 - 1.4)	1.2	(0.5 - 1.9)

[a] 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.
[b] Total estimates include all racial groups.

Table 8: No Health Care Coverage Among Those Aged 18 - 64 Years[a] by Race
2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**14.2**	**(12.8 - 15.7)**	**13.7**	**(12.2 - 15.3)**	**16.3**	**(12.3 - 21.1)**
Age						
18 - 34	21.4	(18.3 - 24.8)	23.0	(19.5 - 27.0)	12.4	(7.2 - 20.5)
35 - 54	10.6	(9.1 - 12.2)	9.4	(8.0 - 11.0)	18.4	(12.5 - 26.1)
55 - 64	8.8	(6.7 - 11.4)	7.2	(5.3 - 9.6)	21.3	(11.7 - 35.5)
Gender						
Male	15.6	(13.4 - 18.0)	15.2	(12.9 - 18.0)	16.8	(10.8 - 25.3)
Female	12.8	(11.2 - 14.6)	12.1	(10.4 - 14.1)	15.8	(11.2 - 21.9)
Education						
High school graduate or less	21.2	(18.5 - 24.1)	21.8	(18.8 - 25.2)	17.8	(11.8 - 25.9)
Some college or more	9.5	(8.2 - 11.1)	8.7	(7.2 - 10.3)	14.0	(9.5 - 20.2)
Household Income						
< $35,000	27.6	(24.4 - 31.0)	29.6	(25.8 - 33.7)	19.8	(14.2 - 27.0)
$35,000 +	6.3	(5.1 - 7.8)	5.8	(4.6 - 7.3)	11.4	(6.5 - 19.3)

[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] Total estimates include all racial groups.

Table 9: No Personal Health Care Provider[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**15.7**	**(14.4 - 17.0)**	**14.3**	**(12.9 - 15.7)**	**20.7**	**(16.5 - 25.6)**
Age						
18 - 34	28.7	(25.4 - 32.2)	26.8	(23.2 - 30.8)	32.3	(23.9 - 42.1)
35 - 54	12.7	(11.1 - 14.5)	11.8	(10.2 - 13.7)	17.9	(11.9 - 25.9)
55 +	6.6	(5.5 - 8.0)	6.2	(5.0 - 7.6)	8.3	(4.4 - 15.3)
Gender						
Male	21.3	(19.1 - 23.7)	19.0	(16.7 - 21.5)	30.3	(22.7 - 39.1)
Female	10.5	(9.2 - 11.9)	9.9	(8.5 - 11.4)	12.8	(9.0 - 18.0)
Education						
High school graduate or less	18.9	(16.7 - 21.3)	18.6	(16.2 - 21.3)	20.0	(14.2 - 27.4)
Some college or more	13.3	(11.8 - 15.0)	11.4	(9.9 - 13.0)	20.4	(15.0 - 27.3)
Household Income						
< $35,000	20.7	(18.3 - 23.4)	20.0	(17.3 - 23.1)	20.9	(15.5 - 27.6)
$35,000 +	12.1	(10.6 - 13.7)	10.9	(9.5 - 12.6)	18.9	(12.5 - 27.5)

[a] The proportion who reported that they did not have anyone that they thought of as their personal doctor or health care provider.
[b] Total estimates include all racial groups.

Table 10: No Health Care Access During Past 12 Months Due to Cost[a] by Race
2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**12.0**	**(10.9 - 13.1)**	**10.8**	**(9.7 - 12.0)**	**15.7**	**(12.2 - 20.1)**
Age						
18 - 34	14.8	(12.3 - 17.7)	14.0	(11.2 - 17.2)	16.6	(10.5 - 25.2)
35 - 54	13.6	(12.0 - 15.4)	12.0	(10.4 - 13.7)	19.2	(13.4 - 26.7)
55 +	6.9	(5.8 - 8.2)	6.5	(5.4 - 7.9)	9.2	(5.1 - 16.1)
Gender						
Male	10.0	(8.5 - 11.7)	9.3	(7.7 - 11.2)	11.9	(7.4 - 18.7)
Female	13.8	(12.4 - 15.4)	12.2	(10.8 - 13.8)	18.9	(14.1 - 24.9)
Education						
High school graduate or less	15.5	(13.6 - 17.6)	14.3	(12.3 - 16.5)	18.4	(12.8 - 25.6)
Some college or more	9.5	(8.4 - 10.9)	8.5	(7.4 - 9.9)	13.7	(9.5 - 19.4)
Household Income						
< $35,000	20.9	(18.7 - 23.4)	20.0	(17.5 - 22.7)	20.0	(14.7 - 26.6)
$35,000 +	6.5	(5.4 - 7.7)	6.3	(5.2 - 7.6)	6.7	(3.5 - 12.8)

[a] The proportion who reported that in the past twelve months, they could not see a doctor when they needed to due to the cost.
[b] Total estimates include all racial groups.

Table 11: Obesity[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**25.5**	**(24.0 - 26.9)**	**24.2**	**(22.7 - 25.7)**	**33.6**	**(28.6 - 39.1)**
Age						
18 - 34	18.5	(15.8 - 21.5)	17.0	(14.1 - 20.4)	25.7	(17.8 - 35.5)
35 - 54	30.1	(27.8 - 32.5)	28.1	(25.8 - 30.6)	41.9	(33.2 - 51.2)
55 +	26.2	(24.1 - 28.4)	25.5	(23.4 - 27.8)	31.1	(23.1 - 40.4)
Gender						
Male	24.9	(22.8 - 27.3)	24.2	(21.9 - 26.6)	30.9	(23.1 - 40.0)
Female	26.0	(24.2 - 27.8)	24.1	(22.3 - 26.0)	36.1	(29.8 - 42.9)
Education						
High school graduate or less	30.3	(27.9 - 32.7)	29.8	(27.3 - 32.5)	31.3	(24.2 - 39.5)
Some college or more	22.2	(20.5 - 24.0)	20.5	(18.8 - 22.3)	36.0	(29.1 - 43.6)
Household Income						
< $35,000	30.5	(28.0 - 33.1)	30.7	(27.9 - 33.6)	29.8	(23.5 - 37.1)
$35,000 +	23.9	(22.0 - 25.9)	22.3	(20.4 - 24.3)	38.0	(29.2 - 47.6)

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] Total estimates include all racial groups.

Table 12: No Leisure-Time Physical Activity[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**22.1**	**(20.8 - 23.5)**	**20.0**	**(18.7 - 21.5)**	**32.8**	**(28.0 - 38.1)**
Age						
18 - 34	18.9	(16.2 - 22.0)	15.9	(13.0 - 19.3)	27.4	(19.5 - 36.9)
35 - 54	20.4	(18.5 - 22.5)	18.2	(16.2 - 20.3)	32.4	(24.9 - 41.0)
55 +	28.0	(25.8 - 30.2)	26.1	(23.9 - 28.3)	42.9	(33.9 - 52.5)
Gender						
Male	19.9	(17.8 - 22.0)	18.3	(16.2 - 20.6)	29.0	(21.6 - 37.6)
Female	24.2	(22.5 - 26.0)	21.6	(19.9 - 23.4)	36.0	(29.8 - 42.6)
Education						
High school graduate or less	32.3	(29.9 - 34.8)	30.0	(27.5 - 32.7)	41.6	(33.9 - 49.8)
Some college or more	15.1	(13.7 - 16.7)	13.3	(11.9 - 14.9)	25.9	(20.0 - 32.7)
Household Income						
< $35,000	32.2	(29.6 - 34.9)	29.9	(27.1 - 32.8)	38.7	(31.7 - 46.2)
$35,000 +	15.1	(13.6 - 16.8)	14.3	(12.7 - 16.0)	19.4	(13.4 - 27.3)

[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] Total estimates include all racial groups.

Table 13: Diabetes[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**7.6**	**(6.9 - 8.5)**	7.3	(6.5 - 8.1)	9.4	(6.8 - 12.9)
Age						
18 - 34	0.9	(0.5 - 1.8)	0.9	(0.4 - 1.9)	1.6	(0.4 - 6.8)
35 - 54	6.6	(5.4 - 8.0)	5.9	(4.8 - 7.3)	8.1	(4.2 - 14.9)
55 +	15.9	(14.2 - 17.8)	14.9	(13.2 - 16.7)	23.9	(16.7 - 32.9)
Gender						
Male	7.3	(6.2 - 8.6)	6.8	(5.7 - 8.1)	9.6	(5.5 - 16.3)
Female	7.9	(7.0 - 9.0)	7.7	(6.7 - 8.9)	9.3	(6.3 - 13.4)
Education						
High school graduate or less	10.0	(8.7 - 11.4)	9.3	(8.0 - 10.8)	11.8	(7.7 - 17.6)
Some college or more	6.1	(5.2 - 7.1)	5.9	(5.1 - 7.0)	7.5	(4.5 - 12.5)
Household Income						
< $35,000	12.2	(10.6 - 14.0)	11.9	(10.3 - 13.8)	13.5	(9.2 - 19.4)
$35,000 +	4.5	(3.7 - 5.4)	4.5	(3.7 - 5.5)	4.3	(1.8 - 9.7)

[a] The proportion who reported that they were ever told by a doctor that they have diabetes. Women who had diabetes only during pregnancy were considered to not have been diagnosed.
[b] Total estimates include all racial groups.

Table 14: Ever Told Have Asthma[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**13.5**	**(12.4 - 14.7)**	**13.2**	**(12.0 - 14.4)**	**13.5**	**(10.1 - 17.7)**
Age						
18 - 34	16.6	(14.0 - 19.5)	15.4	(12.6 - 18.7)	17.9	(11.5 - 26.8)
35 - 54	12.0	(10.6 - 13.6)	12.5	(10.9 - 14.2)	9.9	(5.8 - 16.4)
55 +	12.5	(10.9 - 14.2)	12.1	(10.6 - 13.9)	13.1	(7.8 - 21.3)
Gender						
Male	12.1	(10.5 - 14.0)	11.3	(9.6 - 13.3)	14.6	(9.2 - 22.2)
Female	14.7	(13.3 - 16.2)	14.8	(13.3 - 16.5)	12.5	(8.7 - 17.7)
Education						
High school graduate or less	12.6	(10.9 - 14.4)	12.1	(10.4 - 14.1)	12.8	(8.2 - 19.4)
Some college or more	14.0	(12.6 - 15.6)	13.7	(12.2 - 15.4)	14.2	(9.7 - 20.3)
Household Income						
< $35,000	15.6	(13.6 - 17.7)	15.0	(12.9 - 17.3)	14.3	(9.8 - 20.4)
$35,000 +	11.9	(10.5 - 13.5)	11.8	(10.3 - 13.4)	10.7	(6.1 - 18.3)

[a] The proportion who reported that they were ever told by a doctor, nurse, or other health care professional that they had asthma.
[b] Total estimates include all racial groups.

Table 15: Still Have Asthma[a] by Race
2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**8.3**	**(7.4 - 9.2)**	**8.0**	**(7.1 - 9.0)**	**8.4**	**(5.7 - 12.2)**
Age						
18 - 34	9.3	(7.3 - 11.6)	8.2	(6.2 - 10.8)	11.1	(6.1 - 19.5)
35 - 54	7.6	(6.4 - 8.9)	7.7	(6.4 - 9.1)	7.2	(3.8 - 13.3)
55 +	8.4	(7.2 - 9.8)	8.4	(7.1 - 9.9)	6.6	(3.3 - 12.8)
Gender						
Male	6.5	(5.3 - 8.0)	6.0	(4.8 - 7.6)	7.8	(3.9 - 14.8)
Female	10.0	(8.8 - 11.3)	9.9	(8.7 - 11.2)	8.9	(5.7 - 13.7)
Education						
High school graduate or less	8.3	(7.0 - 9.9)	8.0	(6.6 - 9.6)	9.0	(5.2 - 15.2)
Some college or more	8.2	(7.1 - 9.4)	7.9	(6.8 - 9.2)	8.0	(4.7 - 13.4)
Household Income						
< $35,000	10.4	(8.9 - 12.2)	9.8	(8.2 - 11.7)	9.3	(5.8 - 14.6)
$35,000 +	6.6	(5.6 - 7.8)	6.7	(5.6 - 7.9)	5.1	(2.1 - 11.9)

[a] Among all respondents, the proportion who reported that they still had asthma.
[b] Total estimates include all racial groups.

Table 16: Current Smoking[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**23.4**	**(22.0 - 24.9)**	**23.2**	**(21.6 - 24.8)**	**23.6**	**(19.3 - 28.4)**
Age						
18 - 34	31.5	(28.1 - 35.0)	34.5	(30.5 - 38.7)	19.5	(13.0 - 28.1)
35 - 54	24.8	(22.8 - 27.0)	24.0	(21.9 - 26.3)	28.5	(21.4 - 37.0)
55 +	13.6	(12.0 - 15.4)	12.2	(10.6 - 14.0)	22.3	(15.5 - 31.0)
Gender						
Male	25.0	(22.7 - 27.4)	24.4	(21.9 - 27.1)	27.4	(20.4 - 35.7)
Female	22.0	(20.2 - 23.8)	22.1	(20.2 - 24.1)	20.5	(15.7 - 26.3)
Education						
High school graduate or less	31.8	(29.3 - 34.4)	31.2	(28.5 - 34.1)	33.0	(25.8 - 41.1)
Some college or more	17.6	(16.0 - 19.3)	17.7	(16.0 - 19.6)	15.9	(11.5 - 21.6)
Household Income						
< $35,000	31.6	(28.9 - 34.4)	31.4	(28.4 - 34.6)	30.7	(24.3 - 38.1)
$35,000 +	19.0	(17.3 - 20.9)	19.7	(17.8 - 21.7)	12.5	(7.9 - 19.3)

[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] Total estimates include all racial groups.

Table 17: Binge Drinking[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**16.2**	**(14.9 - 17.6)**	**17.2**	**(15.8 - 18.8)**	**10.8**	**(7.8 - 14.8)**
Age						
18 - 34	26.3	(23.1 - 29.8)	29.8	(26.0 - 33.9)	13.1	(7.9 - 20.9)
35 - 54	16.3	(14.5 - 18.2)	17.4	(15.4 - 19.5)	11.0	(6.3 - 18.3)
55 +	6.0	(5.0 - 7.3)	6.0	(4.9 - 7.3)	7.2	(3.6 - 14.1)
Gender						
Male	24.3	(22.0 - 26.7)	25.6	(23.1 - 28.2)	17.4	(11.6 - 25.2)
Female	8.9	(7.6 - 10.3)	9.6	(8.1 - 11.2)	5.4	(3.2 - 9.0)
Education						
High school graduate or less	17.8	(15.7 - 20.2)	18.3	(15.9 - 20.9)	15.8	(10.4 - 23.2)
Some college or more	15.1	(13.5 - 16.7)	16.5	(14.7 - 18.4)	6.8	(4.0 - 11.3)
Household Income						
< $35,000	16.5	(14.2 - 19.1)	17.1	(14.4 - 20.2)	14.0	(9.4 - 20.3)
$35,000 +	17.7	(16.0 - 19.6)	18.9	(17.0 - 20.9)	7.5	(3.9 - 14.1)

[a] The proportion of respondents who reported consuming five or more drinks per occasion at least once in the previous month.
[b] Total estimates include all racial groups.

Table 18: Disability[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**21.3**	**(20.1 - 22.7)**	**21.1**	**(19.8 - 22.5)**	**21.0**	**(16.9 - 25.8)**
Age						
18 - 34	11.4	(9.2 - 14.1)	10.0	(7.6 - 12.9)	12.0	(6.7 - 20.6)
35 - 54	19.7	(17.8 - 21.7)	18.8	(16.9 - 20.9)	23.8	(17.1 - 32.2)
55 +	33.6	(31.3 - 35.9)	34.0	(31.6 - 36.4)	30.8	(22.6 - 40.4)
Gender						
Male	20.1	(18.1 - 22.2)	19.5	(17.5 - 21.7)	21.9	(15.3 - 30.4)
Female	22.5	(20.9 - 24.2)	22.6	(20.8 - 24.4)	20.2	(15.5 - 26.0)
Education						
High school graduate or less	26.1	(23.9 - 28.4)	25.7	(23.4 - 28.2)	26.8	(20.0 - 34.9)
Some college or more	18.1	(16.6 - 19.6)	18.1	(16.5 - 19.7)	16.5	(11.9 - 22.5)
Household Income						
< $35,000	29.8	(27.4 - 32.4)	30.4	(27.8 - 33.2)	25.9	(19.9 - 33.1)
$35,000 +	14.8	(13.3 - 16.3)	15.0	(13.4 - 16.6)	11.5	(6.9 - 18.6)

[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] Total estimates include all racial groups.

Table 19: Activity Limitation Because of Physical, Mental, or Emotional Problems[a] by Race
2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**19.8**	**(18.5 - 21.1)**	**19.4**	**(18.2 - 20.8)**	**19.5**	**(15.5 - 24.3)**
Age						
18 - 34	11.1	(8.9 - 13.8)	9.7	(7.4 - 12.7)	10.9	(5.9 - 19.4)
35 - 54	18.7	(16.9 - 20.7)	17.8	(15.9 - 19.8)	23.4	(16.7 - 31.8)
55 +	29.9	(27.8 - 32.2)	30.3	(28.0 - 32.6)	26.8	(19.0 - 36.3)
Gender						
Male	18.6	(16.7 - 20.7)	18.0	(16.1 - 20.2)	20.2	(13.8 - 28.7)
Female	20.8	(19.3 - 22.5)	20.8	(19.1 - 22.5)	18.9	(14.3 - 24.6)
Education						
High school graduate or less	23.6	(21.4 - 25.9)	23.2	(20.9 - 25.6)	23.5	(16.9 - 31.5)
Some college or more	17.2	(15.7 - 18.7)	17.0	(15.5 - 18.6)	16.5	(11.9 - 22.5)
Household Income						
< $35,000	27.7	(25.3 - 30.2)	28.0	(25.4 - 30.7)	24.5	(18.6 - 31.6)
$35,000 +	13.8	(12.4 - 15.4)	14.0	(12.5 - 15.7)	10.2	(5.9 - 17.0)

[a] The proportion who reported being limited in any activities because of physical, mental, or emotional problems.
[b] Total estimates include all racial groups.

Table 20: Used Special Equipment[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**6.5**	**(5.8 - 7.2)**	**6.1**	**(5.5 - 6.9)**	**8.5**	**(6.1 - 11.7)**
Age						
18 - 34	1.9	(1.1 - 3.2)	1.5	(0.8 - 2.8)	3.3	(1.0 - 10.4)
35 - 54	4.5	(3.6 - 5.6)	3.9	(3.1 - 5.1)	6.9	(3.8 - 12.2)
55 +	13.6	(12.1 - 15.3)	13.1	(11.5 - 14.8)	19.6	(13.4 - 27.8)
Gender						
Male	4.9	(4.0 - 6.0)	4.6	(3.6 - 5.7)	6.8	(3.7 - 12.2)
Female	7.9	(7.0 - 8.9)	7.6	(6.6 - 8.7)	9.8	(6.7 - 14.3)
Education						
High school graduate or less	8.5	(7.3 - 9.8)	8.2	(7.0 - 9.6)	11.5	(7.3 - 17.4)
Some college or more	5.0	(4.3 - 5.9)	4.8	(4.0 - 5.7)	6.1	(3.8 - 9.9)
Household Income						
< $35,000	11.2	(9.8 - 12.8)	11.3	(9.8 - 13.1)	11.3	(7.6 - 16.3)
$35,000 +	3.0	(2.3 - 3.8)	2.9	(2.2 - 3.7)	3.4	(1.5 - 7.6)

[a] The proportion who 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] Total estimates include all racial groups.

Table 21: No Dental Visit in the Past Year[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**24.0**	**(22.5 - 25.4)**	**22.4**	**(20.9 - 23.9)**	**29.6**	**(24.8 - 34.9)**
Age						
18 - 34	28.0	(24.7 - 31.4)	28.3	(24.6 - 32.3)	24.2	(16.8 - 33.5)
35 - 54	21.8	(19.8 - 24.0)	19.3	(17.3 - 21.5)	31.4	(23.5 - 40.4)
55 +	22.9	(20.9 - 24.9)	20.8	(18.9 - 22.9)	35.6	(27.2 - 44.9)
Gender						
Male	26.3	(24.0 - 28.7)	24.1	(21.7 - 26.6)	35.8	(27.6 - 44.9)
Female	21.9	(20.2 - 23.6)	20.8	(19.0 - 22.7)	24.7	(19.4 - 30.7)
Education						
High school graduate or less	33.1	(30.6 - 35.7)	31.5	(28.8 - 34.3)	39.3	(31.6 - 47.6)
Some college or more	17.6	(16.0 - 19.4)	16.4	(14.7 - 18.2)	20.9	(15.4 - 27.7)
Household Income						
< $35,000	38.9	(36.1 - 41.7)	39.4	(36.3 - 42.5)	37.0	(30.1 - 44.4)
$35,000 +	15.4	(13.8 - 17.2)	14.5	(12.8 - 16.4)	16.3	(10.3 - 24.7)

[a] The proportion who reported that they had not visited a dentist or dental clinic for any reason in the previous year.
[b] Total estimates include all racial groups.

Table 22: No Teeth Cleaning in the Past Year[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**25.0**	**(23.5 - 26.5)**	**22.8**	**(21.2 - 24.4)**	**32.4**	**(27.2 - 38.0)**
Age						
18 - 34	31.4	(28.1 - 35.0)	31.6	(27.8 - 35.7)	26.6	(18.9 - 36.0)
35 - 54	24.2	(22.0 - 26.4)	20.6	(18.5 - 22.8)	39.1	(30.6 - 48.3)
55 +	18.5	(16.6 - 20.5)	16.7	(14.9 - 18.8)	30.5	(21.8 - 40.9)
Gender						
Male	27.7	(25.3 - 30.3)	24.9	(22.4 - 27.6)	40.1	(31.2 - 49.6)
Female	22.4	(20.6 - 24.3)	20.7	(18.9 - 22.7)	26.2	(20.6 - 32.6)
Education						
High school graduate or less	34.2	(31.5 - 37.0)	32.0	(29.1 - 35.0)	40.3	(31.9 - 49.3)
Some college or more	19.0	(17.3 - 20.8)	17.0	(15.3 - 18.9)	25.7	(19.6 - 32.9)
Household Income						
< $35,000	40.5	(37.6 - 43.6)	39.4	(36.1 - 42.9)	41.6	(34.0 - 49.7)
$35,000 +	16.6	(14.9 - 18.5)	15.3	(13.6 - 17.3)	20.5	(13.8 - 29.3)

[a] The proportion who reported that they did not have their teeth cleaned by a dentist or dental hygienist in the previous year.
[b] Total estimates include all racial groups.

Table 23: 6+ Teeth Missing[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**15.4**	**(14.4 - 16.5)**	**14.5**	**(13.5 - 15.7)**	**21.9**	**(17.9 - 26.6)**
Age						
18 - 34	1.3	(0.7 - 2.6)	1.6	(0.8 - 3.1)	0*	-----
35 - 54	10.8	(9.3 - 12.5)	8.8	(7.5 - 10.4)	23.5	(16.7 - 32.0)
55 +	36.3	(34.0 - 38.7)	33.9	(31.6 - 36.4)	52.0	(42.6 - 61.3)
Gender						
Male	14.3	(12.7 - 16.0)	13.2	(11.7 - 14.9)	23.1	(16.6 - 31.2)
Female	16.5	(15.2 - 18.0)	15.8	(14.4 - 17.3)	21.0	(16.3 - 26.6)
Education						
High school graduate or less	23.4	(21.5 - 25.5)	23.0	(20.9 - 25.2)	27.6	(21.3 - 35.0)
Some college or more	9.8	(8.7 - 11.0)	8.9	(7.9 - 10.2)	16.3	(11.6 - 22.4)
Household Income						
< $35,000	27.2	(25.0 - 29.6)	27.2	(24.8 - 29.8)	30.5	(24.2 - 37.6)
$35,000 +	7.7	(6.7 - 8.9)	7.5	(6.5 - 8.7)	9.7	(5.4 - 16.9)

[a] 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.
[b] Total estimates include all racial groups.
* Zero respondents in this subgroup reported that they had done one of the at-risk behaviors for acquiring HIV listed above.

Table 24: Ever Had An HIV Test Among Adults Aged 18 - 64 Years[a] by Race
2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**40.3**	**(38.4 - 42.1)**	**37.0**	**(35.1 - 39.0)**	**56.4**	**(50.3 - 62.3)**
Age						
18 - 34	49.2	(45.5 - 52.9)	45.8	(41.7 - 50.0)	63.4	(53.4 - 72.4)
35 - 54	40.6	(38.2 - 43.1)	37.6	(35.1 - 40.2)	58.3	(49.3 - 66.8)
55 - 64	18.8	(16.0 - 21.9)	17.1	(14.3 - 20.3)	27.6	(17.4 - 40.8)
Gender						
Male	36.4	(33.6 - 39.3)	33.1	(30.2 - 36.2)	55.3	(45.4 - 64.8)
Female	44.0	(41.6 - 46.4)	40.9	(38.4 - 43.5)	57.4	(49.8 - 64.6)
Education						
High school graduate or less	38.3	(35.2 - 41.5)	33.9	(30.6 - 37.3)	56.1	(46.7 - 65.1)
Some college or more	41.6	(39.3 - 43.9)	38.9	(36.6 - 41.4)	56.7	(48.7 - 64.3)
Household Income						
< $35,000	45.9	(42.4 - 49.5)	41.4	(37.4 - 45.5)	56.9	(48.3 - 65.1)
$35,000 +	39.7	(37.4 - 42.0)	37.9	(35.5 - 40.4)	52.7	(43.0 - 62.2)

Note: "Don't know" was considered a valid response (2.9% [CI 2.3-3.5]).
[a] Among those aged 18-64 years of age, the proportion who reported that they ever had been tested for HIV, apart from tests that were part of a blood donation.
[b] Total estimates include all racial groups.

Table 25: At-Risk Behaviors for Acquiring HIV Among Adults Aged 18 - 64 Years[a] by Race
2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**3.7**	**(3.0 - 4.6)**	**3.1**	**(2.4 - 4.0)**	**6.2**	**(3.8 - 9.9)**
Age						
18 - 34	6.8	(5.1 - 8.9)	5.6	(3.9 - 7.9)	10.7	(6.1 - 18.2)
35 - 54	2.5	(1.8 - 3.4)	2.2	(1.6 - 3.1)	3.6	(1.4 - 9.4)
55 - 64	0.6	(0.2 - 1.5)	0.7	(0.3 - 1.7)	0*	
Gender						
Male	3.9	(2.9 - 5.3)	3.2	(2.2 - 4.7)	8.6	(4.7 - 15.4)
Female	3.6	(2.7 - 4.7)	3.0	(2.2 - 4.1)	4.2	(1.8 - 9.3)
Education						
High school graduate or less	6.4	(4.9 - 8.4)	5.3	(3.9 - 7.3)	10.0	(5.5 - 17.6)
Some college or more	2.1	(1.5 - 2.9)	1.8	(1.3 - 2.7)	3.4	(1.5 - 7.5)
Household Income						
< $35,000	7.0	(5.2 - 9.3)	6.3	(4.5 - 8.9)	7.9	(4.1 - 14.7)
$35,000 +	2.1	(1.5 - 3.0)	2.0	(1.4 - 2.8)	3.0	(1.1 - 8.2)

[a] Among those aged 18 - 64 years, the proportion who reported that they had done at least one of the following in the past year:
- Used intravenous drugs.
- Been treated for a sexually transmitted or venereal disease.
- Given or received money or drugs in exchange for sex.
- Had anal sex without a condom.

[b] Total estimates include all racial groups.

* Zero respondents in this subgroup reported that they had done one of the at-risk behaviors for acquiring HIV listed above.

Table 26: STD Prevention Among Adults Aged 18 - 64 Years[a] by Race
2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**12.0**	**(10.7 - 13.5)**	**9.5**	**(8.2 - 11.0)**	**26.0**	**(20.9 - 31.9)**
Age						
18 - 34	24.4	(21.3 - 27.8)	21.5	(18.1 - 25.3)	39.0	(29.7 - 49.1)
35 - 54	5.9	(4.8 - 7.3)	3.4	(2.6 - 4.4)	20.5	(14.0 - 28.9)
55 - 64	2.4	(1.5 - 3.8)	2.5	(1.6 - 4.0)	2.8	(0.7 - 10.9)
Gender						
Male	8.6	(6.9 - 10.7)	6.6	(5.0 - 8.8)	23.9	(16.2 - 33.7)
Female	15.3	(13.4 - 17.4)	12.3	(10.4 - 14.5)	27.7	(21.2 - 35.2)
Education						
High school graduate or less	15.4	(13.0 - 18.2)	11.8	(9.4 - 14.7)	29.8	(21.5 - 39.6)
Some college or more	9.9	(8.5 - 11.6)	8.1	(6.7 - 9.8)	23.2	(17.2 - 30.6)
Household Income						
< $35,000	18.0	(15.2 - 21.2)	14.8	(11.8 - 18.4)	28.6	(21.2 - 37.2)
$35,000 +	8.2	(6.8 - 9.9)	7.1	(5.7 - 8.7)	18.5	(12.1 - 27.4)

[a] Among those aged 18 - 64 years, the proportion who reported that in the past 12 months, a doctor, nurse, or health care professional talked to them about preventing sexually transmitted diseases through condom use.
[b] Total estimates include all racial groups.

Table 27: Having No Firearms in the Home[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**59.3**	**(57.6 - 60.9)**	**55.8**	**(54.0 - 57.6)**	**77.8**	**(72.5 - 82.3)**
Age						
18 - 34	66.8	(63.1 - 70.2)	62.6	(58.3 - 66.6)	84.8	(75.1 - 91.1)
35 - 54	54.9	(52.4 - 57.3)	51.2	(48.5 - 53.8)	74.8	(65.5 - 82.3)
55 +	57.2	(54.8 - 59.7)	55.4	(52.9 - 58.0)	71.6	(61.6 - 79.8)
Gender						
Male	49.4	(46.7 - 52.0)	46.2	(43.3 - 49.0)	69.9	(60.3 - 77.6)
Female	68.2	(66.3 - 70.1)	64.7	(62.6 - 66.8)	84.1	(78.0 - 88.7)
Education						
High school graduate or less	57.7	(55.0 - 60.3)	53.6	(50.6 - 56.5)	77.5	(69.0 - 84.2)
Some college or more	60.3	(58.2 - 62.3)	57.2	(54.9 - 59.4)	78.0	(70.8 - 83.8)
Household Income						
< $35,000	66.1	(63.4 - 68.8)	62.0	(58.9 - 65.0)	82.5	(75.2 - 87.9)
$35,000 +	53.5	(51.2 - 55.7)	50.9	(48.6 - 53.3)	71.3	(61.9 - 79.2)

[a] Among all respondents, the proportion who reported not having a gun in their home.
[b] Total estimates include all racial groups.

Table 28: Poor Indoor Air Quality[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**22.9**	**(21.5 - 24.3)**	**22.3**	**(20.8 - 23.8)**	**25.0**	**(20.6 - 30.1)**
Age						
18 - 34	28.7	(25.4 - 32.2)	27.5	(23.9 - 31.5)	33.6	(25.0 - 43.5)
35 - 54	24.2	(22.2 - 26.3)	24.4	(22.2 - 26.7)	21.1	(15.3 - 28.5)
55 +	15.0	(13.4 - 16.9)	14.7	(13.0 - 16.6)	18.0	(11.5 - 27.0)
Gender						
Male	20.0	(17.9 - 22.3)	19.8	(17.5 - 22.3)	19.2	(12.9 - 27.6)
Female	25.5	(23.7 - 27.3)	24.5	(22.7 - 26.5)	29.8	(24.1 - 36.3)
Education						
High school graduate or less	20.6	(18.5 - 22.9)	20.8	(18.4 - 23.3)	18.9	(13.4 - 26.1)
Some college or more	24.4	(22.6 - 26.3)	23.2	(21.3 - 25.2)	30.4	(24.1 - 37.6)
Household Income						
< $35,000	24.8	(22.4 - 27.4)	23.1	(20.5 - 25.9)	27.6	(21.4 - 34.9)
$35,000 +	22.7	(20.8 - 24.6)	22.4	(20.5 - 24.5)	23.2	(16.5 - 31.6)

[a] The proportion who reported 'Yes' to the following question: "Things like dust, mold, smoke, and chemicals inside the home or office can cause poor indoor air quality. In the past 12 months have you had an illness or symptom that you think was caused by something in the air inside a home, office, or other building?"
[b] Total estimates include all racial groups.

Table 29: Poor Outdoor Air Quality[a] by Race

2004 Michigan BRFS

Demographic Characteristics	Total[b]		Whites		Blacks	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	**9.0**	**(8.1 - 10.0)**	**8.3**	**(7.4 - 9.4)**	**12.2**	**(9.2 - 16.1)**
Age						
18 - 34	8.4	(6.6 - 10.8)	7.9	(5.9 - 10.6)	8.1	(4.3 - 14.9)
35 - 54	9.7	(8.3 - 11.3)	8.9	(7.4 - 10.5)	14.8	(9.8 - 21.7)
55 +	8.5	(7.3 - 10.0)	7.9	(6.7 - 9.3)	13.9	(8.2 - 22.6)
Gender						
Male	7.5	(6.2 - 9.1)	7.5	(6.1 - 9.2)	7.8	(4.2 - 14.2)
Female	10.4	(9.1 - 11.7)	9.2	(8.0 - 10.5)	15.7	(11.5 - 21.1)
Education						
High school graduate or less	9.5	(8.0 - 11.2)	9.1	(7.5 - 10.9)	10.3	(6.4 - 16.3)
Some college or more	8.7	(7.6 - 10.0)	7.9	(6.7 - 9.2)	13.9	(9.7 - 19.5)
Household Income						
< $35,000	11.5	(9.7 - 13.5)	10.4	(8.6 - 12.6)	14.5	(10.0 - 20.6)
$35,000 +	8.2	(7.0 - 9.5)	7.7	(6.5 - 9.1)	11.6	(7.1 - 18.4)

[a] The proportion who reported 'Yes' to the following question: "Things like smog, automobile exhaust, and chemicals can cause outdoor air pollution. In the past 12 months have you had an illness or symptom that you think was caused by pollution in the air outdoors?"

[b] Total estimates include all racial groups.