

**Estimates for Risk Factors and Health Indicators
State of Michigan**

Selected Tables

**Behavioral Risk Factor Survey
2005**

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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 2005 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 12,136.

State-specific, population-based prevalence estimates and confidence intervals were calculated for health risk behaviors, preventive health practices, and chronic conditions among the adult population in Michigan. 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. Estimates are reported for demographic subgroups with a sample size of at least 50 respondents. 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). Since the 2004 Michigan BRFS tables, however, we are able to include asymmetric confidence intervals as they are now calculated by SUDAAN (version 9.0).

Table 1: Health Status 2005 Michigan BRFSS		
Demographic Characteristics	General Health, Fair or Poor^a	
	%	95% Confidence Interval
Total	15.2	(14.4 - 15.9)
Age		
18 - 24	8.0	(5.9 - 10.6)
25 - 34	7.2	(5.8 - 9.0)
35 - 44	10.5	(9.1 - 12.1)
45 - 54	16.1	(14.5 - 17.8)
55 - 64	20.5	(18.7 - 22.5)
65 - 74	24.8	(22.5 - 27.2)
75 +	33.2	(30.5 - 36.0)
Gender		
Male	13.7	(12.7 - 14.9)
Female	16.4	(15.5 - 17.4)
Race/Ethnicity		
White/Non-Hispanic	13.6	(12.9 - 14.4)
Black/Non-Hispanic	23.2	(20.4 - 26.2)
Other/Non-Hispanic	18.2	(14.6 - 22.3)
Hispanic	15.5	(10.9 - 21.5)
Education		
Less than high school	33.1	(29.6 - 36.7)
High school graduate	19.4	(18.0 - 20.9)
Some college	12.8	(11.7 - 14.1)
College graduate	7.6	(6.7 - 8.6)
Household Income		
< \$20,000	35.9	(33.1 - 38.8)
\$20,000 - \$34,999	19.6	(17.8 - 21.5)
\$35,000 - \$49,999	11.9	(10.2 - 13.7)
\$50,000 - \$74,999	8.3	(7.1 - 9.8)
\$75,000 +	5.7	(4.7 - 6.8)

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

**Table 2: Health Status on at Least 14 Days in the Past Month
2005 Michigan BRFSS**

Demographic Characteristics	Poor Physical Health ^a		Poor Mental Health ^b		Activity Limitation ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	11.1	(10.4 - 11.7)	10.8	(10.1 - 11.5)	7.3	(6.8 - 7.9)
Age						
18 - 24	5.4	(3.8 - 7.7)	11.9	(9.4 - 14.9)	3.9	(2.5 - 5.9)
25 - 34	5.9	(4.6 - 7.4)	12.2	(10.4 - 14.3)	5.9	(4.6 - 7.5)
35 - 44	8.6	(7.3 - 10.1)	11.1	(9.6 - 12.7)	6.3	(5.2 - 7.6)
45 - 54	13.8	(12.3 - 15.5)	13.3	(11.8 - 14.8)	9.7	(8.4 - 11.1)
55 - 64	13.8	(12.3 - 15.4)	9.0	(7.8 - 10.4)	9.0	(7.8 - 10.4)
65 - 74	16.8	(14.9 - 18.9)	6.9	(5.7 - 8.3)	8.0	(6.7 - 9.6)
75 +	20.2	(18.0 - 22.6)	6.3	(5.1 - 7.9)	8.8	(7.3 - 10.5)
Gender						
Male	9.0	(8.1 - 10.0)	9.2	(8.2 - 10.3)	6.4	(5.6 - 7.2)
Female	12.9	(12.1 - 13.8)	12.3	(11.4 - 13.2)	8.1	(7.5 - 8.9)
Race/Ethnicity						
White/Non-Hispanic	10.4	(9.8 - 11.1)	10.2	(9.5 - 10.9)	6.7	(6.1 - 7.2)
Black/Non-Hispanic	14.4	(12.1 - 17.0)	12.0	(9.8 - 14.6)	10.0	(8.1 - 12.4)
Other/Non-Hispanic	12.1	(9.3 - 15.7)	14.0	(10.8 - 18.0)	8.5	(6.1 - 11.8)
Hispanic	11.8	(7.7 - 17.6)	16.6	(11.8 - 22.8)	10.6	(6.8 - 16.1)
Education						
Less than high school	20.4	(17.6 - 23.6)	17.1	(14.2 - 20.3)	13.6	(11.2 - 16.3)
High school graduate	13.1	(12.0 - 14.4)	12.5	(11.3 - 13.9)	8.7	(7.7 - 9.8)
Some college	10.4	(9.3 - 11.6)	10.8	(9.7 - 12.1)	7.0	(6.1 - 8.1)
College graduate	7.0	(6.1 - 8.0)	7.1	(6.2 - 8.2)	4.2	(3.5 - 5.0)
Household Income						
< \$20,000	23.7	(21.4 - 26.2)	21.5	(19.1 - 24.2)	19.1	(16.9 - 21.5)
\$20,000 - \$34,999	13.6	(12.0 - 15.3)	12.1	(10.5 - 13.8)	9.2	(7.9 - 10.8)
\$35,000 - \$49,999	7.8	(6.4 - 9.4)	9.7	(8.2 - 11.5)	4.5	(3.5 - 5.7)
\$50,000 - \$74,999	7.1	(5.9 - 8.5)	7.8	(6.5 - 9.4)	4.1	(3.2 - 5.2)
\$75,000 +	5.8	(4.8 - 6.9)	6.3	(5.3 - 7.5)	3.3	(2.6 - 4.3)

^a The proportion who reported 14 or more days of poor physical health, which includes physical illness and injury, during the past 30 days.

^b The proportion who reported 14 or more days of poor mental health, which includes stress, depression, and problems with emotions, during the past 30 days.

^c The proportion who reported 14 or more days in the past 30 days in which either poor physical health or poor mental health kept them from doing their usual activities, such as self-care, work, and recreation.

**Table 3: Mean Number of Days of Poor Physical Health, Poor Mental Health, and Activity Limitations
2005 Michigan BRFSS**

Demographic Characteristics	Poor Physical Health ^a		Poor Mental Health ^b		Activity Limitation ^c	
	Mean # of Days	95% Confidence Interval	Mean # of Days	95% Confidence Interval	Mean # of Days	95% Confidence Interval
Total	3.6	(3.4 - 3.8)	3.6	(3.4 - 3.7)	2.3	(2.2 - 2.4)
Age						
18 - 24	2.0	(1.6 - 2.5)	4.4	(3.7 - 5.0)	1.3	(1.0 - 1.7)
25 - 34	2.3	(2.0 - 2.7)	4.1	(3.6 - 4.5)	1.8	(1.5 - 2.1)
35 - 44	3.0	(2.6 - 3.3)	3.7	(3.3 - 4.0)	2.1	(1.8 - 2.5)
45 - 54	4.3	(3.9 - 4.7)	4.1	(3.7 - 4.5)	2.9	(2.6 - 3.3)
55 - 64	4.4	(4.0 - 4.9)	3.0	(2.7 - 3.4)	2.8	(2.4 - 3.1)
65 - 74	5.0	(4.5 - 5.5)	2.2	(1.9 - 2.6)	2.5	(2.2 - 2.9)
75 +	6.0	(5.4 - 6.6)	2.0	(1.6 - 2.4)	2.7	(2.3 - 3.1)
Gender						
Male	3.1	(2.8 - 3.3)	3.0	(2.7 - 3.2)	2.1	(1.8 - 2.3)
Female	4.1	(3.9 - 4.3)	4.1	(3.9 - 4.3)	2.5	(2.3 - 2.7)
Race/Ethnicity						
White/Non-Hispanic	3.4	(3.3 - 3.6)	3.4	(3.2 - 3.6)	2.1	(2.0 - 2.3)
Black/Non-Hispanic	4.4	(3.8 - 5.0)	3.9	(3.3 - 4.4)	3.1	(2.5 - 3.6)
Other/Non-Hispanic	4.0	(3.1 - 4.8)	4.5	(3.6 - 5.4)	2.7	(1.9 - 3.4)
Hispanic	3.8	(2.6 - 5.0)	5.5	(4.1 - 6.9)	2.4	(1.5 - 3.4)
Education						
Less than high school	5.9	(5.2 - 6.7)	5.6	(4.8 - 6.5)	4.0	(3.4 - 4.6)
High school graduate	4.2	(3.9 - 4.5)	3.9	(3.5 - 4.2)	2.6	(2.3 - 2.8)
Some college	3.4	(3.1 - 3.7)	3.6	(3.3 - 3.9)	2.3	(2.0 - 2.5)
College graduate	2.6	(2.3 - 2.8)	2.6	(2.4 - 2.9)	1.5	(1.3 - 1.7)
Household Income						
< \$20,000	7.1	(6.4 - 7.7)	6.4	(5.7 - 7.0)	5.3	(4.7 - 5.9)
\$20,000 - \$34,999	4.3	(3.8 - 4.7)	3.8	(3.4 - 4.2)	2.8	(2.5 - 3.2)
\$35,000 - \$49,999	2.9	(2.5 - 3.2)	3.1	(2.7 - 3.5)	1.7	(1.4 - 1.9)
\$50,000 - \$74,999	2.5	(2.2 - 2.8)	3.0	(2.6 - 3.3)	1.5	(1.2 - 1.7)
\$75,000 +	2.1	(1.9 - 2.4)	2.5	(2.2 - 2.7)	1.2	(1.0 - 1.5)

^a The mean number of days during the past 30 days in which physical health, including illness and injury, was not good.

^b The mean number of days during the past 30 days in which mental health, including stress, depression, and problems with emotions, was not good.

^c The mean number of days during the past 30 days in which poor physical health or poor mental health kept them from doing usual activities, such as self-care, work, or recreation.

**Table 4: Health Care Access
2005 Michigan BRFSS**

Demographic Characteristics	No Health Care Coverage ^a (Among 18 - 64 year olds)		No Personal Health Care Provider ^b		No Health Care Access During Past 12 Months Due to Cost ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	14.5	(13.6 - 15.5)	14.4	(13.6 - 15.3)	12.7	(12.0 - 13.5)
Age						
18 - 24	25.1	(21.5 - 29.0)	25.7	(22.1 - 29.7)	15.0	(12.2 - 18.2)
25 - 34	17.7	(15.4 - 20.2)	22.2	(19.7 - 24.9)	18.3	(16.1 - 20.8)
35 - 44	12.6	(11.0 - 14.4)	16.0	(14.2 - 18.0)	13.2	(11.5 - 14.9)
45 - 54	11.4	(10.1 - 12.9)	12.0	(10.6 - 13.6)	15.0	(13.5 - 16.7)
55 - 64	8.2	(7.1 - 9.6)	7.8	(6.6 - 9.2)	9.6	(8.3 - 11.1)
65 - 74	—	—	4.1	(3.2 - 5.3)	5.1	(4.0 - 6.4)
75 +	—	—	4.7	(3.6 - 6.1)	3.9	(2.9 - 5.2)
Gender						
Male	16.9	(15.4 - 18.6)	19.4	(18.0 - 20.9)	11.5	(10.3 - 12.7)
Female	12.2	(11.2 - 13.4)	9.9	(9.0 - 10.8)	13.9	(12.9 - 14.9)
Race/Ethnicity						
White/Non-Hispanic	13.1	(12.1 - 14.1)	12.6	(11.8 - 13.5)	10.9	(10.1 - 11.7)
Black/Non-Hispanic	18.5	(15.4 - 22.1)	21.0	(17.9 - 24.5)	19.6	(16.8 - 22.6)
Other/Non-Hispanic	19.4	(15.2 - 24.4)	23.1	(18.8 - 28.1)	21.6	(17.5 - 26.4)
Hispanic	26.6	(20.0 - 34.4)	22.6	(16.9 - 29.5)	18.9	(13.6 - 25.6)
Education						
Less than high school	33.3	(28.3 - 38.6)	21.9	(18.5 - 25.8)	20.4	(17.2 - 23.9)
High school graduate	20.0	(18.1 - 22.1)	15.9	(14.3 - 17.5)	14.1	(12.8 - 15.6)
Some college	12.4	(11.0 - 14.1)	13.2	(11.8 - 14.8)	13.9	(12.5 - 15.4)
College graduate	7.0	(5.9 - 8.3)	11.9	(10.5 - 13.3)	7.9	(6.8 - 9.0)
Household Income						
< \$20,000	36.4	(32.6 - 40.3)	23.6	(20.8 - 26.6)	27.7	(25.0 - 30.5)
\$20,000 - \$34,999	24.2	(21.6 - 27.0)	15.6	(13.7 - 17.7)	18.1	(16.1 - 20.1)
\$35,000 - \$49,999	13.7	(11.4 - 16.4)	14.5	(12.5 - 16.8)	12.2	(10.4 - 14.2)
\$50,000 - \$74,999	6.4	(5.0 - 8.2)	11.0	(9.2 - 13.0)	7.9	(6.5 - 9.7)
\$75,000 +	3.7	(2.9 - 4.8)	9.6	(8.3 - 11.2)	4.6	(3.7 - 5.8)

^a Among those aged 18-64, the proportion who reported having no health care coverage, including health insurance, prepaid plans such as HMOs, or government plans, such as Medicare. (n=8,957)

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

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

Table 5: No Routine Checkup in Past Year 2005 Michigan BRFs		
Demographic Characteristics	Had No Routine Checkup in Past Year^a	
	%	95% Confidence Interval
Total	29.6	(28.5 - 30.6)
Age		
18 - 24	33.5	(29.5 - 37.8)
25 - 34	42.3	(39.3 - 45.2)
35 - 44	36.6	(34.2 - 38.9)
45 - 54	29.4	(27.5 - 31.5)
55 - 64	21.8	(19.9 - 23.8)
65 - 74	12.4	(10.8 - 14.2)
75 +	11.6	(9.9 - 13.5)
Gender		
Male	37.1	(35.4 - 38.8)
Female	22.7	(21.6 - 23.9)
Race/Ethnicity		
White/Non-Hispanic	30.2	(29.1 - 31.4)
Black/Non-Hispanic	22.1	(19.0 - 25.6)
Other/Non-Hispanic	35.3	(30.3 - 40.7)
Hispanic	35.4	(28.6 - 42.8)
Education		
Less than high school	28.3	(24.6 - 32.2)
High school graduate	30.3	(28.5 - 32.2)
Some college	29.9	(28.0 - 31.9)
College graduate	28.9	(27.1 - 30.7)
Household Income		
< \$20,000	32.5	(29.6 - 35.6)
\$20,000 - \$34,999	30.9	(28.5 - 33.4)
\$35,000 - \$49,999	29.6	(27.0 - 32.2)
\$50,000 - \$74,999	29.1	(26.7 - 31.7)
\$75,000 +	29.1	(27.0 - 31.3)
^a The proportion who reported that they did not have a routine checkup in the past year.		

**Table 6: Weight Status
2005 Michigan BRFSS**

Demographic Characteristics	Obese ^a		Overweight ^b		Not Overweight or Obese ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	26.5	(25.5 - 27.4)	36.6	(35.5 - 37.7)	37.0	(35.9 - 38.1)
Age						
18 - 24	13.6	(10.8 - 16.9)	26.0	(22.3 - 30.1)	60.5	(56.1 - 64.7)
25 - 34	25.8	(23.1 - 28.7)	33.2	(30.4 - 36.2)	41.0	(38.0 - 44.0)
35 - 44	27.9	(25.7 - 30.2)	37.6	(35.2 - 40.0)	34.5	(32.3 - 36.8)
45 - 54	30.7	(28.6 - 32.8)	38.3	(36.1 - 40.5)	31.1	(29.0 - 33.1)
55 - 64	35.0	(32.8 - 37.2)	40.0	(37.7 - 42.3)	25.0	(23.1 - 27.1)
65 - 74	29.5	(27.1 - 32.0)	41.8	(39.2 - 44.5)	28.6	(26.3 - 31.1)
75 +	17.1	(15.0 - 19.4)	42.3	(39.5 - 45.2)	40.6	(37.8 - 45.2)
Gender						
Male	27.0	(25.5 - 28.5)	42.9	(41.3 - 44.7)	30.1	(28.5 - 31.8)
Female	26.0	(24.8 - 27.2)	30.3	(29.1 - 31.6)	43.7	(42.3 - 45.1)
Race/Ethnicity						
White/Non-Hispanic	25.4	(24.4 - 26.4)	36.9	(35.8 - 38.1)	37.7	(36.6 - 38.9)
Black/Non-Hispanic	36.1	(32.5 - 39.8)	35.1	(31.5 - 38.8)	28.9	(25.5 - 32.5)
Other/Non-Hispanic	20.6	(16.5 - 25.3)	34.5	(29.6 - 39.9)	44.9	(39.5 - 50.4)
Hispanic	24.4	(18.4 - 31.5)	38.1	(31.1 - 45.7)	37.5	(30.4 - 45.2)
Education						
Less than high school	29.1	(25.6 - 32.7)	34.4	(30.6 - 38.3)	36.6	(32.6 - 40.8)
High school graduate	27.7	(26.0 - 29.4)	36.2	(34.4 - 38.1)	36.1	(34.2 - 38.1)
Some college	29.2	(27.3 - 31.1)	35.6	(33.7 - 37.6)	35.2	(33.2 - 37.3)
College graduate	21.7	(20.1 - 23.3)	38.7	(36.8 - 40.6)	39.6	(37.7 - 41.5)
Household Income						
< \$20,000	31.8	(29.1 - 34.7)	32.0	(29.2 - 35.0)	36.1	(33.1 - 39.3)
\$20,000 - \$34,999	30.1	(27.8 - 32.4)	36.8	(34.4 - 39.2)	33.2	(30.8 - 35.6)
\$35,000 - \$49,999	30.5	(27.9 - 33.2)	37.1	(34.4 - 39.9)	32.4	(29.8 - 35.1)
\$50,000 - \$74,999	26.6	(24.3 - 29.1)	39.6	(36.9 - 42.3)	33.8	(31.3 - 36.4)
\$75,000 +	22.3	(20.4 - 24.2)	40.2	(37.9 - 42.4)	37.6	(35.4 - 39.8)

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 The proportion of respondents whose BMI was greater than or equal to 25.0, but less than 30.0.

^c The proportion of respondents whose BMI was less than 25.0.

Table 7: No Leisure-Time Physical Activity 2005 Michigan BRFSS		
Demographic Characteristics	No Leisure-Time Physical Activity^a	
	%	95% Confidence Interval
Total	22.6	(21.7 - 23.5)
Age		
18 - 24	18.3	(15.2 - 21.8)
25 - 34	17.8	(15.6 - 20.2)
35 - 44	19.2	(17.3 - 21.2)
45 - 54	22.3	(20.5 - 24.2)
55 - 64	25.3	(23.3 - 27.4)
65 - 74	25.2	(23.0 - 27.5)
75 +	40.1	(37.4 - 43.0)
Gender		
Male	20.6	(19.3 - 22.1)
Female	24.3	(23.2 - 25.5)
Race/Ethnicity		
White/Non-Hispanic	21.2	(20.3 - 22.1)
Black/Non-Hispanic	32.1	(28.8 - 35.6)
Other/Non-Hispanic	23.9	(19.8 - 28.4)
Hispanic	18.2	(13.5 - 24.1)
Education		
Less than high school	36.4	(32.8 - 40.2)
High school graduate	29.6	(27.9 - 31.3)
Some college	19.7	(18.2 - 21.3)
College graduate	13.8	(12.5 - 15.2)
Household Income		
< \$20,000	36.9	(34.0 - 39.8)
\$20,000 - \$34,999	28.1	(25.9 - 30.3)
\$35,000 - \$49,999	21.6	(19.4 - 24.0)
\$50,000 - \$74,999	15.7	(13.9 - 17.7)
\$75,000 +	12.9	(11.5 - 14.5)
^a The proportion who reported not participating in any leisure-time physical activities or exercises such as running, calisthenics, golf, gardening, or walking during the past month.		

**Table 8: Inadequate Physical Activity
2005 Michigan BRFSS**

Demographic Characteristics	Inadequate Physical Activity ^a		Inadequate Moderate Physical Activity ^b (< 30 minutes, 5 times / week)		Inadequate Vigorous Physical Activity ^b (< 20 minutes, 3 times / week)	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	50.5	(49.4 - 51.6)	62.5	(61.4 - 63.5)	72.0	(71.0 - 73.1)
Age						
18 - 24	39.6	(35.5 - 44.0)	58.9	(54.5 - 63.1)	55.4	(51.0 - 59.7)
25 - 34	45.7	(42.7 - 48.8)	59.9	(56.9 - 62.8)	66.4	(63.4 - 69.2)
35 - 44	49.2	(46.7 - 51.6)	61.7	(59.3 - 64.0)	69.9	(67.7 - 72.1)
45 - 54	52.0	(49.7 - 54.2)	62.8	(60.6 - 65.0)	74.0	(71.9 - 75.9)
55 - 64	54.1	(51.7 - 56.4)	63.7	(61.4 - 66.0)	78.2	(76.2 - 80.1)
65 - 74	55.3	(52.6 - 58.0)	62.5	(59.8 - 65.1)	82.4	(80.4 - 84.4)
75 +	67.0	(64.1 - 69.7)	71.9	(69.1 - 75.5)	89.6	(87.7 - 91.2)
Gender						
Male	48.9	(47.2 - 50.7)	62.8	(61.1 - 64.5)	68.0	(66.2 - 69.6)
Female	52.0	(50.6 - 53.4)	62.1	(60.7 - 63.5)	75.8	(74.5 - 77.0)
Race/Ethnicity						
White/Non-Hispanic	48.7	(47.5 - 49.9)	60.3	(59.2 - 61.5)	71.5	(70.4 - 72.6)
Black/Non-Hispanic	58.4	(54.5 - 62.2)	71.5	(67.9 - 74.9)	74.6	(71.0 - 77.9)
Other/Non-Hispanic	56.6	(51.1 - 62.0)	68.3	(63.1 - 73.2)	74.5	(69.4 - 79.0)
Hispanic	57.2	(49.7 - 64.5)	70.2	(62.9 - 76.7)	70.5	(63.2 - 77.0)
Education						
Less than high school	52.2	(48.0 - 56.5)	64.3	(60.0 - 68.3)	74.5	(70.3 - 78.3)
High school graduate	54.6	(52.6 - 56.6)	64.6	(62.7 - 66.5)	75.9	(74.0 - 77.6)
Some college	48.6	(46.6 - 50.7)	60.6	(58.6 - 62.7)	71.2	(69.2 - 73.1)
College graduate	47.5	(45.6 - 49.5)	61.3	(59.4 - 63.2)	68.1	(66.2 - 69.9)
Household Income						
$< \$20,000$	57.9	(54.7 - 61.1)	67.3	(64.2 - 70.3)	79.2	(76.2 - 82.0)
$\$20,000 - \$34,999$	54.3	(51.7 - 56.8)	64.5	(62.0 - 66.8)	76.8	(74.5 - 79.0)
$\$35,000 - \$49,999$	50.6	(47.8 - 53.5)	62.2	(59.4 - 65.0)	73.9	(71.2 - 76.3)
$\$50,000 - \$74,999$	46.5	(43.8 - 49.2)	58.1	(55.4 - 60.8)	68.4	(65.8 - 71.0)
$\$75,000 +$	44.8	(42.5 - 47.0)	60.3	(58.1 - 62.5)	63.7	(61.4 - 65.9)

^a The proportion who reported that they do not usually do moderate physical activities for a total of at least 30 minutes on five or more days per week or vigorous physical activities for a total of at least 20 minutes on three or more days per week while not at work.

^b The proportion who reported that they do not usually do moderate physical activities, such as brisk walking, bicycling, vacuuming, and gardening for at least 30 minutes on five or more days per week while not at work.

^c The proportion who reported that they do not usually participate in vigorous physical activities, such as running, aerobics, and heavy yard work, for at least 20 minutes on three or more days per week while not at work.

**Table 9: Occupational Physical Activity Among Currently Employed Adults
2005 Michigan BRFSS**

Demographic Characteristics	Mostly Sitting or Standing ^a		Mostly Walking ^b		Mostly Heavy Labor ^b	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	63.2	(61.7 - 64.6)	21.7	(20.5 - 23.0)	15.1	(14.0 - 16.3)
Age						
18 - 24	52.4	(46.4 - 58.3)	27.1	(22.2 - 32.6)	20.5	(16.0 - 25.9)
25 - 34	58.1	(54.6 - 61.5)	22.2	(19.5 - 25.1)	19.8	(17.0 - 22.8)
35 - 44	65.3	(62.7 - 67.9)	20.0	(17.9 - 22.3)	14.7	(12.8 - 16.8)
45 - 54	67.1	(64.6 - 69.5)	21.1	(19.1 - 23.3)	11.8	(10.2 - 13.7)
55 - 64	67.7	(64.4 - 70.8)	21.5	(18.9 - 24.5)	10.8	(8.8 - 13.2)
65 - 74	70.9	(64.2 - 76.8)	21.3	(16.3 - 27.5)	7.8	(4.6 - 12.9)
75 +	71.5	(56.5 - 82.9)	22.1	(12.3 - 36.4)	6.4	(2.0 - 18.9)
Gender						
Male	58.9	(56.7 - 61.1)	19.0	(17.3 - 20.8)	22.1	(20.2 - 24.1)
Female	68.0	(66.2 - 69.8)	24.8	(23.2 - 26.6)	7.2	(6.2 - 8.3)
Race/Ethnicity						
White/Non-Hispanic	63.3	(61.7 - 64.8)	21.5	(20.2 - 22.8)	15.3	(14.1 - 16.5)
Black/Non-Hispanic	68.4	(63.3 - 73.1)	18.8	(15.2 - 23.0)	12.8	(9.4 - 17.2)
Other/Non-Hispanic	54.2	(47.0 - 61.2)	28.9	(22.9 - 35.8)	16.9	(12.3 - 22.8)
Hispanic	52.4	(42.8 - 61.8)	30.3	(22.3 - 39.7)	17.3	(11.0 - 26.3)
Education						
Less than high school	46.4	(38.7 - 54.3)	28.3	(22.0 - 35.6)	25.3	(18.9 - 32.9)
High school graduate	51.5	(48.7 - 54.4)	25.9	(23.5 - 28.4)	22.6	(20.2 - 25.2)
Some college	59.7	(57.0 - 62.4)	23.6	(21.4 - 26.0)	16.7	(14.7 - 18.9)
College graduate	78.0	(76.0 - 79.9)	15.8	(14.2 - 17.5)	6.2	(5.0 - 7.7)
Household Income						
< \$20,000	45.7	(39.7 - 51.9)	32.3	(26.9 - 38.2)	22.0	(16.9 - 28.1)
\$20,000 - \$34,999	52.5	(48.7 - 56.2)	26.8	(23.6 - 30.4)	20.7	(17.8 - 24.0)
\$35,000 - \$49,999	57.7	(53.9 - 61.4)	21.5	(18.7 - 24.6)	20.8	(17.8 - 24.3)
\$50,000 - \$74,999	63.9	(60.7 - 67.0)	21.7	(19.1 - 24.5)	14.5	(12.2 - 17.1)
\$75,000 +	74.6	(72.3 - 76.8)	16.9	(15.1 - 18.8)	8.6	(7.1 - 10.2)

Note: (n=6,217)

Among those who were employed, the proportion who reported...

^a mostly sitting or standing while they were at work.

^b mostly walking while they were at work.

^c doing mostly heavy labor or physically demanding work while they were at work.

Table 10: Inadequate Fruit and Vegetable Consumption 2005 Michigan BRFs		
Demographic Characteristics	Fruits and Vegetables^a (< 5 times / day)	
	%	95% Confidence Interval
Total	77.2	(76.3 - 78.1)
Age		
18 - 24	77.7	(73.8 - 81.1)
25 - 34	80.6	(78.2 - 82.8)
35 - 44	81.1	(79.1 - 82.9)
45 - 54	77.0	(75.0 - 78.8)
55 - 64	77.2	(75.3 - 79.0)
65 - 74	71.0	(68.6 - 73.4)
75 +	67.4	(64.7 - 70.0)
Gender		
Male	82.9	(81.5 - 84.1)
Female	72.0	(70.7 - 73.2)
Race/Ethnicity		
White/Non-Hispanic	77.2	(76.3 - 78.2)
Black/Non-Hispanic	77.4	(74.1 - 80.4)
Other/Non-Hispanic	75.7	(71.0 - 79.9)
Hispanic	78.0	(71.3 - 83.5)
Education		
Less than high school	80.5	(77.1 - 83.5)
High school graduate	81.3	(79.7 - 82.7)
Some college	77.1	(75.4 - 78.8)
College graduate	72.0	(70.3 - 73.6)
Household Income		
< \$20,000	76.3	(73.5 - 78.9)
\$20,000 - \$34,999	80.3	(78.3 - 82.1)
\$35,000 - \$49,999	80.1	(77.9 - 82.1)
\$50,000 - \$74,999	77.6	(75.3 - 79.7)
\$75,000 +	74.0	(72.0 - 75.9)
^a The proportion whose total reported consumption of fruits (including juice) and vegetables was less than five times per day.		

Table 11: Diabetes 2005 Michigan BRFs		
Demographic Characteristics	Ever Told Diabetes^a	
	%	95% Confidence Interval
Total	8.1	(7.6 - 8.6)
Age		
18 - 24	1.3	(0.6 - 2.8)
25 - 34	1.6	(1.0 - 2.7)
35 - 44	4.2	(3.3 - 5.3)
45 - 54	8.3	(7.1 - 9.7)
55 - 64	15.1	(13.5 - 16.8)
65 - 74	19.9	(17.8 - 22.2)
75 +	17.6	(15.4 - 20.0)
Gender		
Male	8.4	(7.6 - 9.3)
Female	7.8	(7.1 - 8.4)
Race/Ethnicity		
White/Non-Hispanic	7.6	(7.1 - 8.2)
Black/Non-Hispanic	11.6	(9.6 - 13.9)
Other/Non-Hispanic	6.4	(4.6 - 8.9)
Hispanic	8.5	(5.3 - 13.3)
Education		
Less than high school	12.4	(10.4 - 14.8)
High school graduate	9.4	(8.4 - 10.4)
Some college	7.6	(6.7 - 8.6)
College graduate	5.9	(5.1 - 6.7)
Household Income		
< \$20,000	13.8	(12.1 - 15.8)
\$20,000 - \$34,999	10.3	(9.0 - 11.7)
\$35,000 - \$49,999	7.0	(5.8 - 8.4)
\$50,000 - \$74,999	6.5	(5.3 - 7.8)
\$75,000 +	4.6	(3.8 - 5.6)

^a The proportion who reported that they were ever told by a doctor that they have diabetes. Women who had diabetes only during pregnancy and adults who were diagnosed with pre-diabetes were considered to not have been diagnosed with diabetes.

Table 12: Asthma 2005 Michigan BRFSS				
Demographic Characteristics	Ever Told Have Asthma^a		Still Have Asthma^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	13.8	(13.0 - 14.6)	9.0	(8.4 - 9.6)
Age				
18 - 24	18.1	(14.9 - 21.7)	10.3	(8.0 - 13.3)
25 - 34	14.4	(12.5 - 16.6)	9.7	(8.1 - 11.6)
35 - 44	14.9	(13.3 - 16.7)	9.5	(8.2 - 10.9)
45 - 54	12.5	(11.1 - 14.0)	8.2	(7.1 - 9.4)
55 - 64	12.3	(10.9 - 13.9)	8.1	(7.0 - 9.4)
65 - 74	12.1	(10.5 - 14.0)	9.0	(7.6 - 10.7)
75 +	10.8	(9.1 - 12.7)	8.0	(6.5 - 9.8)
Gender				
Male	11.6	(10.5 - 12.8)	6.5	(5.7 - 7.4)
Female	15.8	(14.8 - 16.9)	11.3	(10.4 - 12.2)
Race/Ethnicity				
White/Non-Hispanic	13.2	(12.4 - 14.0)	8.3	(7.7 - 9.0)
Black/Non-Hispanic	16.1	(13.6 - 19.1)	10.9	(8.8 - 13.3)
Other/Non-Hispanic	14.5	(11.2 - 18.6)	11.7	(8.7 - 15.6)
Hispanic	18.3	(13.2 - 24.9)	13.0	(8.7 - 19.0)
Education				
Less than high school	17.3	(14.4 - 20.6)	11.3	(9.1 - 14.0)
High school graduate	12.8	(11.5 - 14.2)	9.2	(8.1 - 10.4)
Some college	14.6	(13.1 - 16.1)	9.4	(8.3 - 10.7)
College graduate	13.2	(11.9 - 14.5)	7.8	(6.8 - 8.8)
Household Income				
< \$20,000	18.8	(16.5 - 21.3)	13.9	(11.9 - 16.1)
\$20,000 - \$34,999	14.4	(12.8 - 16.2)	10.8	(9.3 - 12.4)
\$35,000 - \$49,999	12.0	(10.3 - 14.0)	7.7	(6.3 - 9.4)
\$50,000 - \$74,999	11.3	(9.8 - 13.1)	7.4	(6.2 - 8.9)
\$75,000 +	14.0	(12.4 - 15.8)	8.0	(6.8 - 9.4)
^a The proportion who reported that they were ever told by a doctor, nurse, or other health care professional that they had asthma. ^b Among all respondents, the proportion who reported that they still had asthma.				

**Table 13: Cigarette Consumption
2005 Michigan BRFs**

Demographic Characteristics	Current Smoker ^a		Former Smoker ^b		Never Smoked	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	21.9	(21.0 - 22.9)	26.1	(25.3 - 27.0)	51.9	(50.9 - 53.0)
Age						
18 - 24	26.0	(22.4 - 29.9)	7.4	(5.5 - 9.8)	66.7	(62.6 - 70.5)
25 - 34	28.9	(26.2 - 31.8)	17.5	(15.4 - 19.7)	53.6	(50.7 - 56.6)
35 - 44	25.5	(23.4 - 27.6)	19.6	(17.8 - 21.6)	54.9	(52.5 - 57.3)
45 - 54	24.8	(22.9 - 26.8)	29.8	(27.9 - 31.9)	45.4	(43.2 - 47.6)
55 - 64	17.4	(15.7 - 19.2)	38.9	(36.7 - 41.2)	43.7	(41.5 - 46.0)
65 - 74	11.2	(9.7 - 13.0)	46.2	(43.6 - 48.8)	42.6	(40.0 - 45.2)
75 +	5.0	(3.9 - 6.4)	38.5	(35.7 - 41.3)	56.6	(53.7 - 59.4)
Gender						
Male	23.8	(22.3 - 25.3)	28.4	(27.0 - 29.9)	47.8	(46.1 - 49.5)
Female	20.3	(19.2 - 21.4)	24.0	(23.0 - 25.1)	55.7	(54.4 - 57.1)
Race/Ethnicity						
White/Non-Hispanic	20.9	(19.9 - 21.9)	28.0	(27.0 - 29.0)	51.1	(50.0 - 52.3)
Black/Non-Hispanic	23.9	(20.9 - 27.2)	18.0	(15.6 - 20.7)	58.1	(54.4 - 61.6)
Other/Non-Hispanic	30.3	(25.6 - 35.5)	18.3	(14.9 - 22.3)	51.4	(46.1 - 56.6)
Hispanic	28.4	(22.1 - 35.6)	19.8	(14.8 - 26.0)	51.9	(44.6 - 59.1)
Education						
Less than high school	34.8	(31.0 - 38.9)	24.3	(21.4 - 27.5)	40.9	(36.9 - 45.0)
High school graduate	28.1	(26.3 - 29.9)	27.8	(26.2 - 29.5)	44.1	(42.2 - 46.0)
Some college	22.8	(21.1 - 24.6)	26.5	(24.8 - 28.1)	50.7	(48.7 - 52.7)
College graduate	10.8	(9.7 - 12.1)	24.6	(23.1 - 26.2)	64.6	(62.8 - 66.4)
Household Income						
< \$20,000	32.6	(29.7 - 35.6)	22.9	(20.7 - 25.3)	44.5	(41.5 - 47.6)
\$20,000 - \$34,999	27.8	(25.6 - 30.2)	29.5	(27.5 - 31.7)	42.7	(40.2 - 45.2)
\$35,000 - \$49,999	23.6	(21.2 - 26.1)	27.9	(25.6 - 30.4)	48.5	(45.7 - 51.3)
\$50,000 - \$74,999	20.9	(18.7 - 23.2)	27.8	(25.6 - 30.2)	51.3	(48.7 - 54.0)
\$75,000 +	12.9	(11.5 - 14.6)	24.8	(23.0 - 26.7)	62.3	(60.1 - 64.4)

^a The proportion who reported that they had ever smoked at least 100 cigarettes (five packs) in their life and that they smoke cigarettes now, either every day or on some days.

^b The proportion who reported that they had ever smoked at least 100 cigarettes (five packs) in their life, but they do not smoke cigarettes now.

Table 14: Quit Attempts Among Current Smokers 2005 Michigan BRFs		
Demographic Characteristics	Tried to Quit Smoking One Day or Longer in Past Year^a	
	%	95% Confidence Interval
Total	61.5	(59.1 - 63.8)
Age		
18 - 34	65.7	(61.0 - 70.1)
35 - 54	58.9	(55.6 - 62.1)
55 +	59.7	(55.5 - 63.8)
Gender		
Male	61.5	(57.8 - 65.0)
Female	61.5	(58.4 - 64.5)
Race/Ethnicity		
White/Non-Hispanic	59.2	(56.5 - 61.8)
Black/Non-Hispanic	71.7	(64.4 - 78.0)
Other/Non-Hispanic	65.5	(55.6 - 74.2)
Hispanic	64.0	(49.3 - 76.5)
Education		
Less than high school	61.4	(54.1 - 68.1)
High school graduate	60.4	(56.6 - 64.1)
Some college	62.4	(58.1 - 66.6)
College graduate	62.5	(56.6 - 68.1)
Household Income		
< \$20,000	62.4	(56.8 - 67.7)
\$20,000 - \$34,999	64.2	(59.3 - 68.8)
\$35,000 - \$49,999	60.6	(54.9 - 66.1)
\$50,000 - \$74,999	59.8	(53.7 - 65.6)
\$75,000 +	59.6	(53.0 - 65.9)

^a Among all current smokers, the proportion who reported that during the past 12 months, they had tried to quit smoking for one day or longer. (n=2,372)

**Table 15: Alcohol Consumption
 2005 Michigan BRFSS**

Demographic Characteristics	Heavy Drinking ^a		Binge Drinking ^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	5.7	(5.2 - 6.3)	16.7	(15.8 - 17.6)
Age				
18 - 24	10.3	(8.0 - 13.3)	29.8	(26.0 - 34.0)
25 - 34	6.1	(4.8 - 7.7)	24.6	(22.1 - 27.4)
35 - 44	5.7	(4.6 - 7.0)	19.5	(17.7 - 21.6)
45 - 54	5.6	(4.6 - 6.6)	14.3	(12.8 - 16.0)
55 - 64	4.2	(3.4 - 5.1)	9.6	(8.3 - 11.0)
65 - 74	3.4	(2.6 - 4.4)	4.8	(3.8 - 6.1)
75 +	2.8	(2.0 - 3.8)	2.9	(2.1 - 4.1)
Gender				
Male	6.6	(5.7 - 7.6)	24.1	(22.6 - 25.7)
Female	4.9	(4.3 - 5.5)	9.8	(9.0 - 10.8)
Race/Ethnicity				
White/Non-Hispanic	6.2	(5.6 - 6.8)	17.8	(16.9 - 18.9)
Black/Non-Hispanic	3.4	(2.2 - 5.2)	10.4	(8.1 - 13.1)
Other/Non-Hispanic	4.3	(2.7 - 6.9)	15.1	(11.4 - 19.6)
Hispanic	5.5	(2.9 - 10.1)	16.2	(11.2 - 22.8)
Education				
Less than high school	5.7	(4.0 - 7.9)	16.3	(13.3 - 19.8)
High school graduate	6.2	(5.3 - 7.3)	17.8	(16.2 - 19.5)
Some college	6.0	(5.0 - 7.1)	18.4	(16.7 - 20.2)
College graduate	4.9	(4.1 - 5.9)	14.0	(12.6 - 15.6)
Household Income				
< \$20,000	6.1	(4.6 - 8.0)	15.0	(12.7 - 17.7)
\$20,000 - \$34,999	5.7	(4.5 - 7.1)	14.8	(13.0 - 16.9)
\$35,000 - \$49,999	5.1	(4.0 - 6.6)	18.9	(16.6 - 21.5)
\$50,000 - \$74,999	6.4	(5.2 - 7.8)	20.6	(18.3 - 23.0)
\$75,000 +	6.2	(5.1 - 7.5)	18.6	(16.7 - 20.5)

^a The proportion who reported consuming on average more than two alcoholic beverages per day for men or more than one alcoholic beverage per day for women.

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

Table 16: Mean Number of Times During Which Five or More Alcoholic Beverages were Consumed During the Past Month Among Binge Drinkers 2005 Michigan BRFs		
Demographic Characteristics	Mean Number of Times^a	
	%	95% Confidence Interval
Total	3.9	(3.6 - 4.2)
Age		
18 - 24	4.1	(3.3 - 4.9)
25 - 34	3.2	(2.8 - 3.7)
35 - 44	3.9	(3.4 - 4.5)
45 - 54	4.3	(3.5 - 5.1)
55 - 64	4.0	(3.3 - 4.7)
65 +	4.0	(2.6 - 5.4)
Gender		
Male	4.2	(3.8 - 4.6)
Female	3.0	(2.7 - 3.4)
Race/Ethnicity		
White/Non-Hispanic	3.9	(3.6 - 4.2)
Black/Non-Hispanic	3.5	(2.4 - 4.5)
Other/Non-Hispanic	3.2	(2.2 - 4.2)
Hispanic	----- ^b	
Education		
Less than high school	4.3	(2.9 - 5.6)
High school graduate	4.4	(3.9 - 4.9)
Some college	3.5	(3.1 - 4.0)
College graduate	3.5	(2.9 - 4.0)
Household Income		
< \$20,000	4.9	(3.6 - 6.3)
\$20,000 - \$34,999	4.1	(3.4 - 4.8)
\$35,000 - \$49,999	2.9	(2.4 - 3.4)
\$50,000 - \$74,999	3.9	(3.2 - 4.6)
\$75,000 +	3.7	(3.2 - 4.3)
^a Among those who binge drank in the past month, the mean number of times in which five or more alcoholic beverages were consumed during the past month. (n=1,527) ^b The denominator in this subgroup was less than 50.		

**Table 17: Cardiovascular Disease Among Those Aged 35 Years and Older
2005 Michigan BRFSS**

Demographic Characteristics	Ever Told Heart Attack ^a		Ever Told Angina or Coronary Heart Disease ^b		Ever Told Stroke ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	6.6	(6.1 - 7.1)	6.3	(5.8 - 6.9)	3.9	(3.5 - 4.3)
Age						
35 - 44	1.3	(0.9 - 2.0)	1.5	(1.0 - 2.4)	1.8	(1.3 - 2.6)
45 - 54	3.4	(2.7 - 4.4)	3.1	(2.4 - 4.0)	2.4	(1.8 - 3.2)
55 - 64	7.9	(6.7 - 9.3)	9.1	(7.8 - 10.6)	3.1	(2.5 - 4.0)
65 - 74	13.5	(11.7 - 15.5)	13.2	(11.5 - 15.1)	6.1	(4.9 - 7.5)
75 +	17.7	(15.5 - 20.1)	14.4	(12.5 - 16.6)	11.2	(9.5 - 13.1)
Gender						
Male	8.2	(7.4 - 9.2)	8.0	(7.1 - 8.9)	3.4	(2.9 - 4.0)
Female	5.1	(4.5 - 5.7)	4.9	(4.4 - 5.5)	4.3	(3.7 - 4.9)
Race/Ethnicity						
White/Non-Hispanic	6.5	(6.0 - 7.1)	6.3	(5.8 - 6.9)	3.6	(3.2 - 4.0)
Black/Non-Hispanic	7.0	(5.2 - 9.4)	5.9	(4.3 - 7.9)	5.4	(3.9 - 9.6)
Other/Non-Hispanic	7.5	(8.2 - 10.7)	7.9	(5.3 - 11.6)	4.5	(2.8 - 7.3)
Hispanic	4.9	(2.3 - 10.2)	4.5	(2.1 - 9.3)	4.0	(1.8 - 8.7)
Education						
Less than high school	13.8	(11.4 - 16.7)	11.7	(9.4 - 14.4)	10.0	(7.8 - 12.6)
High school graduate	8.4	(7.4 - 9.6)	7.2	(6.3 - 8.1)	4.2	(3.5 - 5.0)
Some college	5.3	(4.5 - 6.2)	5.9	(5.0 - 7.0)	3.2	(2.6 - 4.0)
College graduate	4.1	(3.4 - 4.9)	4.7	(3.9 - 5.6)	2.5	(2.0 - 3.2)
Household Income						
< \$20,000	12.9	(11.0 - 15.0)	11.8	(10.1 - 13.8)	10.0	(8.3 - 12.0)
\$20,000 - \$34,999	9.6	(8.2 - 11.2)	9.4	(8.0 - 11.0)	4.0	(3.2 - 5.0)
\$35,000 - \$49,999	5.3	(4.1 - 6.8)	5.4	(4.2 - 6.8)	2.9	(2.0 - 4.1)
\$50,000 - \$74,999	4.2	(3.2 - 5.4)	4.7	(3.7 - 6.0)	2.5	(1.7 - 3.5)
\$75,000 +	2.7	(2.1 - 3.5)	2.9	(2.2 - 3.7)	1.1	(0.7 - 1.7)

Among those aged 35 years and older, the proportion who had ever been told by a doctor that...

^a they had a heart attack or myocardial infarction (n=10,001);

^b they had angina or coronary heart disease (n=9,967);

^c they had a stroke (n=10,030).

**Table 18: Cardiovascular Disease Among All Adults
2005 Michigan BRFSS**

Demographic Characteristics	Ever Told Heart Attack ^a		Ever Told Angina or Coronary Heart Disease ^b		Ever Told Stroke ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	4.7	(4.3 - 5.1)	4.6	(4.2 - 5.0)	3.0	(2.7 - 3.3)
Age						
18 - 24	0.1	(0.01 - 0.7)	0.1	(0.02 - 1.0)	0.7	(0.3 - 2.0)
25 - 34	0.3	(0.1 - 1.0)	0.7	(0.4 - 1.4)	1.1	(0.6 - 2.0)
35 - 44	1.3	(0.9 - 2.0)	1.5	(1.0 - 2.4)	1.8	(1.3 - 2.6)
45 - 54	3.4	(2.7 - 4.4)	3.1	(2.4 - 4.0)	2.4	(1.8 - 3.2)
55 - 64	7.9	(6.7 - 9.3)	9.1	(7.8 - 10.6)	3.1	(2.5 - 4.0)
65 - 74	13.5	(11.7 - 15.5)	13.2	(11.5 - 15.1)	6.1	(4.9 - 7.5)
75 +	17.7	(15.5 - 20.1)	14.4	(12.5 - 16.6)	11.2	(9.5 - 13.1)
Gender						
Male	5.8	(5.2 - 6.5)	5.6	(5.0 - 6.3)	2.7	(2.2 - 3.2)
Female	3.6	(3.2 - 4.1)	3.7	(3.3 - 4.1)	3.2	(2.8 - 3.7)
Race/Ethnicity						
White/Non-Hispanic	4.8	(4.4 - 5.2)	4.7	(4.3 - 5.1)	2.8	(2.5 - 3.1)
Black/Non-Hispanic	4.5	(3.3 - 6.0)	3.9	(2.9 - 5.3)	4.0	(2.8 - 5.6)
Other/Non-Hispanic	4.8	(3.4 - 6.9)	5.8	(4.0 - 8.5)	3.1	(1.9 - 5.1)
Hispanic	2.8	(1.4 - 5.6)	2.2	(1.0 - 4.7)	3.4	(1.8 - 6.5)
Education						
Less than high school	8.4	(6.8 - 10.2)	7.4	(5.9 - 9.3)	6.1	(4.8 - 7.8)
High school graduate	6.2	(5.4 - 7.0)	5.3	(4.6 - 6.0)	3.4	(2.9 - 4.1)
Some college	3.6	(3.1 - 4.3)	4.1	(3.5 - 4.9)	2.3	(1.9 - 2.9)
College graduate	2.9	(2.4 - 3.6)	3.5	(2.9 - 4.1)	2.1	(1.7 - 2.8)
Household Income						
< \$20,000	9.2	(7.8 - 10.8)	8.5	(7.2 - 10.0)	7.4	(6.1 - 8.9)
\$20,000 - \$34,999	6.6	(5.6 - 7.8)	6.8	(5.8 - 7.9)	3.1	(2.4 - 3.9)
\$35,000 - \$49,999	3.7	(2.9 - 4.8)	3.9	(3.1 - 5.0)	2.1	(1.5 - 3.0)
\$50,000 - \$74,999	3.1	(2.4 - 3.9)	3.4	(2.6 - 4.3)	1.9	(1.3 - 2.7)
\$75,000 +	2.0	(1.5 - 2.6)	2.1	(1.6 - 2.7)	1.0	(0.7 - 1.6)

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

^a they had a heart attack or myocardial infarction;

^b they had angina or coronary heart disease;

^c they had a stroke.

**Table 19: Hypertension Awareness and Medication Use
2005 Michigan BRFSS**

Demographic Characteristics	Ever Told HBP ^a		Taking BP Medication ^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	27.8	(26.9 - 28.8)	77.4	(75.7 - 79.1)
Age				
18 - 24	6.3	(4.5 - 8.8)	----- ^c	
25 - 34	9.2	(7.5 - 11.2)	33.0	(23.8 - 43.8)
35 - 44	16.3	(14.6 - 18.3)	56.3	(50.0 - 62.3)
45 - 54	30.7	(28.6 - 32.8)	72.8	(69.0 - 76.2)
55 - 64	45.8	(43.5 - 48.0)	88.1	(85.6 - 90.2)
65 - 75	55.8	(53.1 - 58.3)	92.7	(90.7 - 94.3)
75 +	62.6	(59.9 - 65.4)	93.2	(91.0 - 94.9)
Gender				
Male	28.6	(27.1 - 30.1)	71.3	(68.4 - 74.1)
Female	27.2	(26.1 - 28.3)	83.3	(81.4 - 85.1)
Race/Ethnicity				
White/Non-Hispanic	27.0	(26.0 - 27.9)	77.5	(75.6 - 79.3)
Black/Non-Hispanic	35.0	(31.6 - 38.4)	82.1	(76.5 - 86.5)
Other/Non-Hispanic	25.3	(21.1 - 30.0)	66.4	(55.8 - 75.5)
Hispanic	23.9	(18.2 - 30.6)	63.8	(48.2 - 77.0)
Education				
Less than high school	35.5	(32.0 - 39.2)	76.6	(70.6 - 81.7)
High school graduate	31.4	(29.7 - 33.1)	79.5	(76.5 - 82.1)
Some college	27.0	(25.3 - 28.7)	74.9	(71.4 - 78.1)
College graduate	22.6	(21.1 - 24.1)	77.6	(74.2 - 80.7)
Household Income				
< \$20,000	38.7	(36.0 - 41.6)	73.4	(68.9 - 77.5)
\$20,000 - \$34,999	32.8	(30.6 - 35.1)	80.5	(76.6 - 83.8)
\$35,000 - \$49,999	28.6	(26.2 - 31.0)	74.7	(69.6 - 79.1)
\$50,000 - \$74,999	24.0	(21.9 - 26.2)	74.6	(69.9 - 78.9)
\$75,000 +	20.3	(18.6 - 22.0)	76.0	(71.5 - 80.0)

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

^b Among those who were ever told that they had HBP, the proportion that reported they were currently taking medicine for their HBP. (n=4,091)

^c The denominator in this subgroup was less than 50.

**Table 20: Cholesterol Screening and Awareness
2005 Michigan BRFSS**

Demographic Characteristics	Cholesterol Ever Checked ^a		Checked Within Past Five Years ^b		Told High Cholesterol ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	80.1	(79.1 - 81.1)	76.4	(75.4 - 77.4)	38.9	(37.8 - 40.0)
Age						
18 - 24	41.9	(37.6 - 46.4)	39.8	(35.5 - 44.3)	9.8	(6.4 - 14.8)
25 - 34	63.2	(60.2 - 66.1)	59.3	(56.2 - 62.2)	17.7	(14.9 - 20.9)
35 - 44	82.3	(80.3 - 84.1)	75.9	(73.7 - 77.9)	29.8	(27.4 - 32.3)
45 - 54	91.4	(90.0 - 92.6)	86.4	(84.7 - 87.8)	42.6	(40.3 - 44.9)
55 - 64	94.8	(93.6 - 95.8)	92.9	(91.5 - 94.0)	52.7	(50.4 - 55.1)
65 - 75	97.0	(96.0 - 97.8)	95.6	(94.3 - 96.6)	59.5	(56.9 - 62.1)
75 +	95.4	(94.1 - 96.4)	94.1	(92.7 - 95.3)	52.4	(49.4 - 55.4)
Gender						
Male	76.9	(75.2 - 78.5)	72.7	(71.0 - 74.4)	41.5	(39.7 - 43.3)
Female	83.2	(81.9 - 84.3)	79.9	(78.6 - 81.1)	36.6	(35.3 - 38.0)
Race/Ethnicity						
White/Non-Hispanic	80.6	(79.5 - 81.7)	76.5	(75.4 - 77.7)	39.5	(38.3 - 40.7)
Black/Non-Hispanic	81.8	(78.5 - 84.7)	79.7	(76.3 - 82.8)	35.2	(31.5 - 39.1)
Other/Non-Hispanic	73.6	(68.3 - 78.4)	70.2	(64.7 - 75.1)	36.0	(30.5 - 41.9)
Hispanic	71.1	(63.7 - 77.6)	68.7	(61.2 - 75.3)	38.8	(30.9 - 47.4)
Education						
Less than high school	66.8	(62.5 - 70.9)	64.8	(60.5 - 69.0)	46.7	(42.2 - 51.2)
High school graduate	75.8	(73.9 - 77.7)	72.6	(70.6 - 74.5)	42.3	(40.3 - 44.3)
Some college	81.7	(79.8 - 83.5)	77.7	(75.7 - 79.5)	37.1	(35.0 - 39.1)
College graduate	86.9	(85.4 - 88.4)	82.5	(80.8 - 84.1)	35.5	(33.7 - 37.4)
Household Income						
< \$20,000	73.1	(69.9 - 76.1)	69.6	(66.4 - 72.7)	43.3	(40.2 - 46.6)
\$20,000 - \$34,999	77.7	(75.2 - 80.0)	74.3	(71.7 - 76.7)	44.5	(41.9 - 47.2)
\$35,000 - \$49,999	79.6	(76.9 - 82.1)	75.7	(72.9 - 78.2)	39.6	(36.8 - 42.5)
\$50,000 - \$74,999	84.5	(82.3 - 86.6)	80.3	(77.9 - 82.5)	35.7	(33.1 - 38.3)
\$75,000 +	85.8	(83.9 - 87.6)	81.6	(79.5 - 83.5)	34.5	(32.3 - 36.7)

^a Among all respondents, the proportion who reported ever having had their blood cholesterol checked.

^b Among all respondents, the proportion who reported that they have had their blood cholesterol checked within the past five years.

^c Among those who ever had their blood cholesterol checked, the proportion who reported that a doctor, nurse, or other health professional had told them that their cholesterol was high. (n=10,276)

Table 21: Arthritis 2005 Michigan BRFSS				
Demographic Characteristics	Chronic Joint Symptoms, Not Doctor Diagnosed^a		Doctor Diagnosed Arthritis^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	14.6	(13.8 - 15.3)	30.9	(30.0 - 31.9)
Age				
18 - 24	14.3	(11.6 - 17.5)	5.4	(3.8 - 7.6)
25 - 34	16.1	(14.1 - 18.4)	11.3	(9.5 - 13.3)
35 - 44	16.9	(15.2 - 18.8)	19.5	(17.7 - 21.5)
45 - 54	17.6	(16.0 - 19.3)	35.7	(33.6 - 37.8)
55 - 64	12.6	(11.2 - 14.2)	51.0	(48.7 - 53.2)
65 - 75	8.3	(7.0 - 9.9)	62.1	(59.5 - 64.7)
75 +	8.1	(6.6 - 9.8)	63.5	(60.7 - 66.2)
Gender				
Male	15.5	(14.3 - 16.8)	26.3	(24.9 - 27.7)
Female	13.7	(12.8 - 14.7)	35.2	(34.0 - 36.4)
Race/Ethnicity				
White/Non-Hispanic	14.7	(13.8 - 15.5)	31.4	(30.4 - 32.4)
Black/Non-Hispanic	13.3	(11.0 - 16.0)	29.9	(26.8 - 33.2)
Other/Non-Hispanic	15.2	(11.8 - 19.4)	30.0	(25.5 - 34.9)
Hispanic	16.8	(11.8 - 23.3)	21.5	(16.4 - 27.8)
Education				
Less than high school	15.6	(12.7 - 18.9)	37.5	(33.9 - 41.2)
High school graduate	13.7	(12.4 - 15.1)	34.4	(32.7 - 36.1)
Some college	15.2	(13.8 - 16.7)	30.5	(28.8 - 32.3)
College graduate	14.5	(13.2 - 15.9)	25.9	(24.3 - 27.4)
Household Income				
< \$20,000	13.8	(11.9 - 16.0)	42.4	(39.5 - 45.3)
\$20,000 - \$34,999	13.5	(11.9 - 15.3)	36.9	(34.6 - 39.2)
\$35,000 - \$49,999	14.7	(12.8 - 16.7)	32.4	(30.0 - 34.9)
\$50,000 - \$74,999	17.7	(15.8 - 19.9)	25.6	(23.5 - 27.8)
\$75,000 +	14.7	(13.1 - 16.3)	23.0	(21.3 - 24.9)

^a The proportion who reported having had any symptoms of pain, aching, or stiffness in or around the joint (excluding the back or neck) during the past 30 days that first started more than three months ago and who have not been diagnosed with arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia by a health care professional.

^b The proportion who reported ever being told by a health care professional that they had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia.

Table 22: Ever Seen a Doctor for Chronic Joint Symptoms 2005 Michigan BRFSS		
Demographic Characteristics	Ever Seen a Doctor^a	
	%	95% Confidence Interval
Total	75.1	(73.5 - 76.5)
Age		
18 - 24	58.5	(48.4 - 68.0)
25 - 34	65.3	(59.4 - 70.7)
35 - 44	68.6	(64.4 - 72.5)
45 - 54	74.4	(71.5 - 77.1)
55 - 64	80.9	(78.3 - 83.3)
65 - 74	83.5	(80.6 - 86.0)
75 +	86.7	(83.8 - 89.2)
Gender		
Male	71.5	(68.8 - 74.0)
Female	77.8	(76.1 - 79.5)
Race/Ethnicity		
White/Non-Hispanic	74.7	(73.0 - 76.2)
Black/Non-Hispanic	77.3	(71.7 - 82.0)
Other/Non-Hispanic	72.2	(63.7 - 79.4)
Hispanic	78.3	(65.5 - 87.2)
Education		
Less than high school	75.0	(69.3 - 79.9)
High school graduate	74.1	(71.5 - 76.6)
Some college	75.9	(73.0 - 78.6)
College graduate	75.6	(72.7 - 78.3)
Household Income		
< \$20,000	75.8	(72.0 - 79.2)
\$20,000 - \$34,999	75.1	(71.6 - 78.2)
\$35,000 - \$49,999	75.5	(71.6 - 79.1)
\$50,000 - \$74,999	68.8	(64.6 - 72.8)
\$75,000 +	76.6	(73.2 - 79.8)
^a Among those who reported having had any symptoms of pain, aching, or stiffness in or around the joint (excluding the back or neck) during the past 30 days that first started more than three months ago, the proportion who had ever seen a doctor or other health professional because of those symptoms. (n=4,927)		

**Table 23: Usual Activities Now Limited by Arthritis or Joint Symptoms Among Those With Doctor Diagnosed Arthritis
 2005 Michigan BRFSS**

Demographic Characteristics	Usual Activities Now Limited ^a	
	%	95% Confidence Interval
Total	36.4	(34.8 - 38.0)
Age		
18 - 24	---- ^b	
25 - 34	30.1	(22.7 - 38.6)
35 - 44	34.7	(29.7 - 40.0)
45 - 54	37.2	(33.6 - 40.8)
55 - 64	37.9	(34.8 - 41.0)
65 - 74	33.1	(30.1 - 36.3)
75 +	41.2	(37.7 - 44.8)
Gender		
Male	30.4	(27.8 - 33.2)
Female	40.5	(38.5 - 42.5)
Race/Ethnicity		
White/Non-Hispanic	34.6	(32.9 - 36.3)
Black/Non-Hispanic	44.5	(38.5 - 50.5)
Other/Non-Hispanic	44.3	(35.5 - 53.4)
Hispanic	34.5	(22.3 - 49.1)
Education		
Less than high school	45.0	(39.8 - 50.4)
High school graduate	37.6	(35.0 - 40.3)
Some college	37.0	(34.0 - 40.1)
College graduate	30.1	(27.1 - 33.3)
Household Income		
< \$20,000	54.3	(50.4 - 58.2)
\$20,000 - \$34,999	38.9	(35.4 - 42.4)
\$35,000 - \$49,999	29.1	(25.4 - 33.1)
\$50,000 - \$74,999	23.5	(19.8 - 27.6)
\$75,000 +	29.6	(25.8 - 33.6)

^a Among those who reported ever being told by a health care professional that they had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia, the proportion who reported that their usual activities are now limited by their arthritis or joint symptoms. (n=4,636)

^b The denominator in this subgroup was less than 50.

**Table 24: Disability
2005 Michigan BRFs**

Demographic Characteristics	Disability ^a		Activity Limitation ^b		Used Special Equipment ^c	
	%	95% Confidence Interval	%	95% Confidence Interval	%	95% Confidence Interval
Total	21.5	(20.7 - 22.4)	19.9	(19.1 - 20.7)	6.9	(6.4 - 7.4)
Age						
18 - 24	10.4	(8.1 - 13.3)	10.2	(7.9 - 13.0)	0.6	(0.2 - 1.7)
25 - 34	12.1	(10.3 - 14.2)	11.5	(9.7 - 13.5)	2.3	(1.5 - 3.4)
35 - 44	16.3	(14.6 - 18.2)	15.5	(13.8 - 17.4)	4.1	(3.2 - 5.2)
45 - 54	24.4	(22.5 - 26.3)	23.1	(21.3 - 25.1)	7.1	(6.0 - 8.3)
55 - 64	29.0	(26.9 - 31.1)	27.3	(25.3 - 29.4)	10.0	(8.7 - 11.5)
65 - 75	32.5	(30.1 - 35.0)	29.3	(27.0 - 31.8)	11.9	(10.2 - 13.7)
75 +	40.8	(38.0 - 43.6)	33.5	(30.9 - 36.3)	22.2	(20.0 - 24.6)
Gender						
Male	19.2	(17.9 - 20.5)	17.6	(16.4 - 18.8)	5.9	(5.3 - 6.7)
Female	23.7	(22.6 - 24.8)	22.0	(20.9 - 23.1)	7.8	(7.1 - 8.5)
Race/Ethnicity						
White/Non-Hispanic	20.9	(20.0 - 21.8)	19.3	(18.4 - 20.2)	6.2	(5.8 - 6.7)
Black/Non-Hispanic	24.4	(21.5 - 27.6)	22.3	(19.5 - 25.4)	10.6	(8.7 - 12.9)
Other/Non-Hispanic	25.3	(21.2 - 29.9)	23.5	(19.6 - 28.0)	9.3	(6.8 - 12.7)
Hispanic	17.4	(12.5 - 23.6)	16.8	(12.0 - 23.0)	3.8	(1.9 - 7.3)
Education						
Less than high school	33.4	(29.9 - 37.2)	29.5	(26.1 - 33.2)	13.2	(11.1 - 15.7)
High school graduate	22.7	(21.2 - 24.3)	20.7	(19.2 - 22.1)	7.9	(7.1 - 8.9)
Some college	21.8	(20.2 - 23.4)	20.5	(19.0 - 22.0)	6.4	(5.6 - 7.3)
College graduate	16.6	(15.3 - 17.9)	15.6	(14.4 - 17.0)	4.5	(3.8 - 5.2)
Household Income						
< \$20,000	42.8	(39.8 - 45.8)	39.6	(36.7 - 42.5)	18.0	(16.0 - 20.2)
\$20,000 - \$34,999	25.8	(23.8 - 27.9)	23.7	(21.7 - 25.8)	8.1	(7.0 - 9.4)
\$35,000 - \$49,999	18.0	(16.1 - 20.1)	17.0	(15.2 - 19.1)	4.8	(3.8 - 6.0)
\$50,000 - \$74,999	14.6	(12.9 - 16.5)	13.7	(12.1 - 15.6)	3.2	(2.4 - 4.2)
\$75,000 +	13.4	(12.0 - 15.0)	12.6	(11.2 - 14.1)	2.7	(2.1 - 3.5)

^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 The proportion who reported being limited in any activities because of physical, mental, or emotional problems.

^c 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.

Table 25: Immunizations Among Adults Aged 65 Years and Older 2005 Michigan BRFSS				
Demographic Characteristics	Had Flu Vaccine in Past Year^a		Ever Had Pneumonia Vaccine^b	
	%	95% Confidence Interval	%	95% Confidence Interval
Total	67.3	(65.4 - 69.1)	66.2	(64.3 - 68.0)
Age				
65 - 74	62.5	(59.9 - 65.0)	59.3	(56.6 - 61.9)
75 +	71.9	(69.3 - 74.5)	72.9	(70.3 - 75.4)
Gender				
Male	69.4	(66.4 - 72.3)	64.2	(61.0 - 67.3)
Female	65.7	(63.4 - 68.0)	67.6	(65.3 - 69.8)
Race/Ethnicity				
White/Non-Hispanic	69.8	(67.9 - 71.6)	68.6	(66.7 - 70.5)
Black/Non-Hispanic	45.8	(38.1 - 53.7)	49.4	(41.4 - 57.4)
Other/Non-Hispanic	67.9	(55.7 - 78.0)	61.6	(48.5 - 73.3)
Hispanic	----- ^c		----- ^c	
Education				
Less than high school	63.7	(58.6 - 68.6)	61.7	(56.4 - 66.6)
High school graduate	67.4	(64.4 - 70.2)	67.1	(64.1 - 69.9)
Some college	66.6	(62.6 - 70.3)	68.2	(64.3 - 71.9)
College graduate	70.8	(66.9 - 74.5)	66.1	(62.1 - 69.9)
Household Income				
< \$20,000	64.8	(60.7 - 68.7)	65.6	(61.6 - 69.4)
\$20,000 - \$34,999	68.9	(65.3 - 72.3)	65.2	(61.5 - 68.7)
\$35,000 - \$49,999	69.3	(64.4 - 73.8)	69.0	(64.0 - 73.7)
\$50,000 +	69.3	(61.8 - 75.8)	64.6	(59.5 - 69.4)
^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. (n=3,080) ^b Among those aged 65 years and older, the proportion who reported that they ever had a pneumococcal vaccine. (n=3,002) ^c The denominator in this subgroup was less than 50.				

**Table 26: HIV Testing Among Adults Aged 18 - 64 Years
 2005 Michigan BRFSS**

Demographic Characteristics	Ever Had an HIV Test ^a	
	%	95% Confidence Interval
Total	39.5	(38.3 - 40.7)
Age		
18 - 24	33.9	(29.9 - 38.0)
25 - 34	58.5	(55.5 - 61.4)
35 - 44	48.6	(46.2 - 51.0)
45 - 54	32.1	(30.0 - 34.2)
55 - 64	18.5	(16.8 - 20.4)
Gender		
Male	35.8	(34.0 - 37.8)
Female	43.1	(41.5 - 44.6)
Race/Ethnicity		
White/Non-Hispanic	35.8	(34.5 - 37.1)
Black/Non-Hispanic	58.7	(54.5 - 62.7)
Other/Non-Hispanic	44.0	(38.3 - 49.8)
Hispanic	48.2	(40.5 - 56.0)
Education		
Less than high school	39.6	(34.6 - 44.9)
High school graduate	36.1	(33.8 - 38.4)
Some college	41.4	(39.2 - 43.7)
College graduate	40.8	(38.7 - 42.9)
Household Income		
< \$20,000	47.4	(43.4 - 51.4)
\$20,000 - \$34,999	43.4	(40.4 - 46.5)
\$35,000 - \$49,999	37.7	(34.6 - 40.9)
\$50,000 - \$74,999	38.4	(35.7 - 41.2)
\$75,000 +	38.7	(36.5 - 41.0)
Note: "Don't know" was considered a valid response (1.9% [CI 1.6 - 2.2]). ^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. (n=8,792)		

Table 27: Engaged in At-Risk Behaviors for Acquiring HIV Among Adults Aged 18 - 64 Years 2005 Michigan BRFs		
Demographic Characteristics	Engaged in At-Risk Behaviors for Acquiring HIV^a	
	%	95% Confidence Interval
Total	4.3	(3.7 - 4.9)
Age		
18 - 24	10.6	(8.2 - 13.8)
25 - 34	5.7	(4.4 - 7.4)
35 - 44	3.0	(2.3 - 4.0)
45 - 54	2.2	(1.6 - 3.0)
55 - 64	1.3	(0.8 - 2.1)
Gender		
Male	4.8	(3.9 - 5.8)
Female	3.8	(3.1 - 4.6)
Race/Ethnicity		
White/Non-Hispanic	3.8	(3.2 - 4.5)
Black/Non-Hispanic	7.1	(5.1 - 9.8)
Other/Non-Hispanic	4.2	(2.2 - 7.7)
Hispanic	6.1	(3.0 - 11.9)
Education		
Less than high school	7.5	(5.0 - 11.2)
High school graduate	5.2	(4.1 - 6.6)
Some college	3.7	(2.8 - 4.8)
College graduate	3.2	(2.5 - 4.2)
Household Income		
< \$20,000	8.6	(6.3 - 11.6)
\$20,000 - \$34,999	5.0	(3.6 - 6.9)
\$35,000 - \$49,999	3.4	(2.3 - 5.0)
\$50,000 - \$74,999	3.3	(2.4 - 4.4)
\$75,000 +	3.2	(2.3 - 4.4)
^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 (n=8,771): <ul style="list-style-type: none"> - 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. 		

Table 28: Social and Emotional Support 2005 Michigan BRFs		
Demographic Characteristics	Rarely or Never Receive the Social and Emotional Support that is Needed^a	
	%	95% Confidence Interval
Total	7.3	(6.7 - 7.9)
Age		
18 - 24	6.9	(5.0 - 9.5)
25 - 34	6.5	(5.0 - 8.3)
35 - 44	6.0	(4.9 - 7.3)
45 - 54	8.0	(6.9 - 9.3)
55 - 64	7.4	(6.2 - 8.7)
65 - 74	8.5	(7.1 - 10.1)
75 +	9.6	(8.1 - 11.3)
Gender		
Male	8.5	(7.5 - 9.5)
Female	6.2	(5.5 - 6.9)
Race/Ethnicity		
White/Non-Hispanic	6.0	(5.5 - 6.6)
Black/Non-Hispanic	11.9	(9.6 - 14.6)
Other/Non-Hispanic	13.9	(10.5 - 18.2)
Hispanic	10.3	(6.6 - 15.8)
Education		
Less than high school	14.8	(12.2 - 17.9)
High school graduate	8.8	(7.7 - 10.0)
Some college	6.8	(5.8 - 7.9)
College graduate	4.0	(3.3 - 4.8)
Household Income		
< \$20,000	17.0	(14.8 - 19.6)
\$20,000 - \$34,999	9.1	(7.8 - 10.7)
\$35,000 - \$49,999	6.6	(5.4 - 8.0)
\$50,000 - \$74,999	3.6	(2.8 - 4.7)
\$75,000 +	3.1	(2.4 - 4.1)
^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?"		

Table 29: Life Satisfaction		
2005 Michigan BRFS		
Demographic Characteristics	Dissatisfied or Very Dissatisfied^a	
	%	95% Confidence Interval
Total	6.3	(5.8 - 6.9)
Age		
18 - 24	5.5	(3.8 - 8.0)
25 - 34	6.4	(5.0 - 8.1)
35 - 44	6.9	(5.7 - 8.2)
45 - 54	8.5	(7.3 - 9.8)
55 - 64	5.4	(4.5 - 6.5)
65 - 74	4.8	(3.8 - 6.2)
75 +	3.5	(2.7 - 4.7)
Gender		
Male	6.5	(5.7 - 7.5)
Female	6.1	(5.4 - 6.8)
Race/Ethnicity		
White/Non-Hispanic	5.4	(4.9 - 5.9)
Black/Non-Hispanic	9.7	(7.7 - 12.3)
Other/Non-Hispanic	11.2	(8.1 - 15.2)
Hispanic	8.4	(4.9 - 13.9)
Education		
Less than high school	10.3	(8.1 - 13.0)
High school graduate	7.5	(6.4 - 8.6)
Some college	6.4	(5.4 - 7.4)
College graduate	3.8	(3.1 - 4.6)
Household Income		
< \$20,000	15.7	(13.6 - 18.1)
\$20,000 - \$34,999	7.6	(6.4 - 9.0)
\$35,000 - \$49,999	4.7	(3.7 - 6.0)
\$50,000 - \$74,999	3.4	(2.6 - 4.5)
\$75,000 +	2.2	(1.6 - 3.1)

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