Preliminary Estimates of the 2002 Michigan Behavioral Risk Factor Survey

Selected Tables

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Health Care Access
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	No Health Care Coverage[a]	Couldn't Get Medical Care Sometime in Past 12 Months[b]	No Personal Health Care Provider[c]
Total	**13.8 ± 1.3**	**5.3 ± 0.8**	**16.9 ± 1.3**
Age			
18–24 years	25.3 ± 4.9	5.9 ± 2.6	33.1 ± 5.4
25–34 years	15.2 ± 3.0	6.4 ± 2.1	25.1 ± 3.6
35–44 years	11.4 ± 2.4	6.0 ± 1.7	17.9 ± 2.8
45–54 years	10.5 ± 2.2	7.4 ± 1.9	11.3 ± 2.2
55–64 years	8.8 ± 2.4	4.5 ± 2.0	8.1 ± 2.3
65–74 years	—	1.3 ± 1.0	7.3 ± 2.3
≥75 years	—	1.3 ± 1.0	6.9 ± 2.6
Gender			
Male	14.5 ± 2.1	4.6 ± 1.1	21.8 ± 2.2
Female	13.0 ± 1.7	6.0 ± 1.0	12.4 ± 1.5
Race			
White	11.9 ± 1.4	4.5 ± 0.8	15.4 ± 1.4
Black	19.8 ± 4.7	8.6 ± 3.1	23.2 ± 4.8
Education			
Less than high school	32.4 ± 7.0	7.8 ± 3.0	19.9 ± 4.8
High school graduate	18.9 ± 2.8	5.6 ± 1.5	18.0 ± 2.4
Some college	11.6 ± 2.2	5.7 ± 1.4	15.7 ± 2.3
College graduate	6.4 ± 1.6	3.9 ± 1.2	15.9 ± 2.3
Household income			
<$20,000	36.7 ± 5.7	14.3 ± 3.4	24.9 ± 4.3
$20,000–34,999	22.6 ± 3.6	6.8 ± 1.8	17.9 ± 2.9
$35,000–49,999	9.1 ± 2.6	3.4 ± 1.7	14.6 ± 2.8
$50,000–74,999	7.0 ± 2.3	1.7 ± 0.8	15.4 ± 3.2
≥$75,000	2.6 ± 1.3	3.3 ± 1.3	13.2 ± 2.6

[a]Proportion of respondents aged 18–64 who reported they did not have any kind of health care coverage.
[b]Proportion of all respondents who reported that there was a time in the past 12 months when they needed medical care, but could not get it.
[c]Proportion of all respondents who reported that they did not have anyone they thought of as their personal doctor or health care provider.

Health Status **2002 Michigan BRFS** (% ± 95% confidence interval limits)	
Demographic Characteristics	**General Health, Fair or Poor[a]**
Total	**13.5 ± 1.1**
Age	
18–24 years	8.6 ± 3.0
25–34 years	5.8 ± 2.0
35–44 years	9.9 ± 2.2
45–54 years	13.7 ± 2.4
55–64 years	17.7 ± 3.1
65–74 years	22.6 ± 4.0
≥75 years	32.5 ± 5.1
Gender	
Male	12.1 ± 1.6
Female	14.9 ± 1.5
Race	
White	12.5 ± 1.1
Black	19.3 ± 4.2
Education	
Less than high school	33.7 ± 5.1
High school graduate	16.1 ± 2.1
Some college	12.3 ± 1.9
College graduate	5.3 ± 1.2
Household income	
<$20,000	32.3 ± 4.3
$20,000–34,999	16.8 ± 2.5
$35,000–49,999	9.7 ± 2.4
$50,000–74,999	7.0 ± 2.0
≥$75,000	5.1 ± 1.5

[a]Proportion of respondents who said their health, in general, was fair or poor.

Diabetes **2002 Michigan BRFS** (% ± 95% confidence interval limits)	
Demographic Characteristics	**Ever Told Have Diabetes[a]**
Total	**8.1 ± 0.8**
Age	
18–24 years	2.0 ± 1.5
25–34 years	1.0 ± 0.7
35–44 years	3.8 ± 1.3
45–54 years	8.5 ± 1.9
55–64 years	14.3 ± 2.9
65–74 years	20.1 ± 4.0
≥75 years	22.2 ± 4.7
Gender	
Male	7.9 ± 1.2
Female	8.2 ± 1.2
Race	
White	7.5 ± 0.9
Black	11.3 ± 3.1
Education	
Less than high school	16.7 ± 4.0
High school graduate	7.9 ± 1.5
Some college	8.3 ± 1.5
College graduate	5.0 ± 1.1
Household income	
<$20,000	13.3 ± 2.8
$20,000–34,999	10.3 ± 2.0
$35,000–49,999	7.1 ± 1.9
$50,000–74,999	5.1 ± 1.7
≥$75,000	4.3 ± 1.4

[a]Proportion of respondents who reported that they had ever been told by a doctor that they had diabetes (gestational diabetes excluded).

Cigarette Smoking Status
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Current Smoker[a]	Former Smoker[b]	Never Smoked
Total	**24.1 ± 1.4**	**27.0 ± 1.4**	**48.9 ± 1.6**
Age			
18–24 years	31.7 ± 5.3	8.8 ± 3.0	59.5 ± 5.5
25–34 years	26.3 ± 3.6	16.5 ± 2.9	57.2 ± 4.0
35–44 years	30.7 ± 3.3	23.1 ± 3.0	46.3 ± 3.5
45–54 years	25.7 ± 3.1	32.0 ± 3.3	42.4 ± 3.5
55–64 years	21.0 ± 3.4	41.1 ± 4.0	37.8 ± 3.9
65–74 years	11.6 ± 2.9	44.5 ± 4.7	43.9 ± 4.6
≥75 years	4.6 ± 2.1	38.1 ± 5.2	57.3 ± 5.3
Gender			
Male	25.4 ± 2.2	30.4 ± 2.2	44.2 ± 2.5
Female	23.0 ± 1.8	23.8 ± 1.7	53.2 ± 2.1
Race			
White	23.9 ± 1.5	28.5 ± 1.5	47.6 ± 1.7
Black	25.3 ± 4.8	21.6 ± 4.4	53.1 ± 5.4
Education			
Less than high school	34.8 ± 5.4	31.9 ± 5.0	33.2 ± 5.1
High school graduate	31.4 ± 2.8	26.1 ± 2.4	42.6 ± 2.9
Some college	24.6 ± 2.6	27.2 ± 2.6	48.2 ± 3.0
College graduate	12.2 ± 1.9	25.8 ± 2.5	62.0 ± 2.8
Household income			
<$20,000	34.7 ± 4.6	22.7 ± 3.7	42.7 ± 4.6
$20,000–34,999	30.1 ± 3.3	27.6 ± 3.0	42.4 ± 3.5
$35,000–49,999	25.2 ± 3.5	26.8 ± 3.4	48.0 ± 4.0
$50,000–74,999	22.9 ± 3.4	29.1 ± 3.5	48.0 ± 3.9
≥$75,000	15.8 ± 2.7	29.5 ± 3.3	54.7 ± 3.6

[a]Proportion of respondents who reported that they had ever smoked at least 100 cigarettes in their life and that they smoke cigarettes now, either every day or on some days.

[b]Proportion of respondents who reported that they had ever smoked at least 100 cigarettes in their life but they do not smoke cigarettes now.

Quit Attempts Among Smokers
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Tried to Quit Smoking One Day or Longer in Past Year[a]
Total	**59.2 ± 3.4**
Age	
18–34 years	67.8 ± 5.9
35–54 years	55.4 ± 4.8
≥55 years	50.6 ± 7.3
Gender	
Male	59.4 ± 5.0
Female	59.0 ± 4.4
Race	
White	57.1 ± 3.7
Black	68.3 ± 9.9
Education	
Less than high school	61.1 ± 9.4
High school graduate	57.8 ± 5.4
Some college	64.6 ± 5.6
College graduate	50.4 ± 8.4
Household income	
<$20,000	64.8 ± 8.2
$20,000–34,999	59.9 ± 6.4
$35,000–49,999	60.0 ± 7.9
$50,000–74,999	57.6 ± 8.6
≥$75,000	57.7 ± 9.3

[a]Among all current smokers.

Fruit and Vegetable Consumption
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Fruits & Vegetables (<5 times/day)[a]
Total	**77.4 ± 1.4**
Age	
18–24 years	81.9 ± 4.5
25–34 years	83.1 ± 3.0
35–44 years	78.8 ± 2.9
45–54 years	78.4 ± 2.8
55–64 years	74.9 ± 3.5
65–74 years	69.6 ± 4.4
≥75 years	62.2 ± 5.3
Gender	
Male	82.2 ± 2.0
Female	72.9 ± 1.8
Race	
White	77.7 ± 1.4
Black	77.3 ± 4.7
Education	
Less than high school	79.6 ± 4.4
High school graduate	81.3 ± 2.3
Some college	78.1 ± 2.5
College graduate	71.9 ± 2.6
Household income	
<$20,000	77.3 ± 4.1
$20,000–34,999	80.3 ± 2.8
$35,000–49,999	77.4 ± 3.2
$50,000–74,999	78.2 ± 3.2
≥$75,000	76.0 ± 3.0

[a]Proportion of respondents whose total reported consumption of fruits (including juice) and vegetables was less than 5 times per day.

Mean Daily Fruit and Vegetable Consumption
2002 Michigan BRFS
(Mean ± 95% confidence interval limits)

Demographic Characteristics	Fruits & juices (mean times/day)[a]	Vegetables (mean times/day)[c]	Fruits & vegetables (mean times/day)[b]
Total	**1.5 ± 0.0**	**2.2 ± 0.0**	**3.7 ± 0.1**
Age			
18–24 years	1.4 ± 0.2	1.8 ± 0.2	3.3 ± 0.3
25–34 years	1.3 ± 0.1	2.0 ± 0.1	3.3 ± 0.2
35–44 years	1.4 ± 0.1	2.2 ± 0.1	3.5 ± 0.1
45–54 years	1.4 ± 0.1	2.2 ± 0.1	3.6 ± 0.1
55–64 years	1.6 ± 0.1	2.3 ± 0.1	3.9 ± 0.2
65–74 years	1.8 ± 0.1	2.4 ± 0.1	4.2 ± 0.2
≥75 years	2.2 ± 0.1	2.4 ± 0.1	4.5 ± 0.2
Gender			
Male	1.4 ± 0.1	2.0 ± 0.1	3.3 ± 0.1
Female	1.6 ± 0.1	2.3 ± 0.1	3.9 ± 0.1
Race			
White	1.5 ± 0.0	2.2 ± 0.0	3.6 ± 0.1
Black	1.7 ± 0.2	1.9 ± 0.1	3.6 ± 0.3
Education			
Less than high school	1.5 ± 0.2	1.9 ± 0.2	3.4 ± 0.3
High school graduate	1.4 ± 0.1	2.0 ± 0.1	3.4 ± 0.1
Some college	1.5 ± 0.1	2.2 ± 0.1	3.7 ± 0.1
College graduate	1.6 ± 0.1	2.4 ± 0.1	4.0 ± 1.0
Household income			
<$20,000	1.5 ± 0.1	2.1 ± 0.1	3.6 ± 0.2
$20,000–34,999	1.5 ± 0.1	2.0 ± 0.1	3.5 ± 0.1
$35,000–49,999	1.4 ± 0.1	2.2 ± 0.1	3.7 ± 0.2
$50,000–74,999	1.5 ± 0.1	2.2 ± 0.1	3.6 ± 0.2
≥$75,000	1.5 ± 0.1	2.3 ± 0.1	3.8 ± 0.1

Note: These BRFS estimates of fruit and vegetable consumption should be interpreted only as general indicators of consumption level.
[a]Sum of reported frequencies of usual daily fruit and juice consumption (two questions).
[b]Sum of reported frequencies of usual daily consumption of green salad, potatoes, carrots, and all other vegetables (four questions).
[c]Sum of reported frequencies of usual daily fruit, juice, and vegetable consumption.

Leisure-time Physical Activity
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	No Activity[a]	Inadequate Physical Activity[b]	Inadequate Vigorous Physical Activity[c]
Total	**24.3 ± 1.4**	**52.5 ± 1.6**	**72.5 ± 1.5**
Age			
18–24 years	22.8 ± 4.8	46.6 ± 5.7	62.1 ± 5.6
25–34 years	20.2 ± 3.3	49.9 ± 4.1	67.5 ± 3.8
35–44 years	20.0 ± 2.9	46.8 ± 3.5	66.3 ± 3.4
45–54 years	24.7 ± 3.1	52.7 ± 3.6	74.6 ± 3.1
55–64 years	25.1 ± 3.5	55.2 ± 4.2	76.9 ± 3.6
65–74 years	27.4 ± 4.2	59.3 ± 4.7	85.4 ± 3.4
≥75 years	41.9 ± 5.3	73.1 ± 4.9	92.5 ± 2.7
Gender			
Male	21.6 ± 2.1	48.8 ± 2.5	66.7 ± 2.4
Female	26.8 ± 1.9	56.0 ± 2.1	77.8 ± 1.8
Race			
White	22.7 ± 1.5	51.8 ± 1.8	72.1 ± 1.6
Black	32.2 ± 5.0	56.0 ± 5.6	74.6 ± 4.9
Education			
Less than high school	44.9 ± 5.4	60.3 ± 5.6	83.9 ± 4.4
High school graduate	33.7 ± 2.8	54.3 ± 3.0	76.2 ± 2.7
Some college	20.0 ± 2.4	50.4 ± 3.0	70.4 ± 2.8
College graduate	11.4 ± 1.8	50.1 ± 2.9	66.8 ± 2.8
Household income			
<$20,000	36.9 ± 4.5	58.0 ± 4.8	79.1 ± 4.3
$20,000–34,999	34.3 ± 3.4	56.5 ± 3.6	79.2 ± 3.0
$35,000–49,999	22.8 ± 3.4	52.0 ± 4.0	72.1 ± 3.7
$50,000–74,999	15.6 ± 2.7	50.0 ± 4.0	69.3 ± 3.8
≥$75,000	10.9 ± 2.3	43.9 ± 3.5	60.2 ± 3.5

[a]Proportion of respondents who said they did not participate in any physical activities or exercises (such as running, golf, or walking for exercise) in their leisure time within the past month.
[b] Proportion of respondents who reported that they did not participate in either moderate physical activity (such as brisk walking, bicycling, vacuuming, or gardening for at least 30 minutes, 5 or more days a week) or vigorous physical activity (for a minimum of 20 minutes, 3 or more days a week).
[c]Proportion of respondents who reported that they did not participate in vigorous physical activity (such as running, aerobics, heavy yard work) for a minimum of 20 minutes, 3 days a week.

Occupational Physical Activity[a]
Among Currently Employed Adults
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Mostly Sitting or Standing	Mostly Walking	Mostly Labor or Physically Demanding Work
Total	**58.2 ± 2.1**	**24.4 ± 1.8**	**17.4 ± 1.7**
Age			
18–24 years	47.2 ± 7.2	33.2 ± 6.7	19.6 ± 5.6
25–34 years	55.9 ± 4.6	24.7 ± 3.9	19.4 ± 3.9
35–44 years	56.3 ± 3.9	23.9 ± 3.4	19.8 ± 3.2
45–54 years	64.9 ± 3.8	21.7 ± 3.3	13.5 ± 2.9
55–64 years	62.4 ± 5.9	22.5 ± 5.1	15.0 ± 4.6
≥65 years	76.4 ± 9.2	16.0 ± 7.5	7.6 ± 6.2
Gender			
Male	54.6 ± 3.1	21.2 ± 2.5	24.2 ± 2.7
Female	62.3 ± 2.8	28.1 ± 2.6	9.6 ± 1.8
Race			
White	59.2 ± 2.3	23.6 ± 1.9	17.3 ± 1.8
Black	51.1 ± 7.3	28.7 ± 6.4	20.3 ± 6.3
Education			
Less than high school	43.5 ± 9.8	29.6 ± 9.0	27.0 ± 8.5
High school graduate	43.5 ± 4.0	27.1 ± 3.6	29.4 ± 3.8
Some college	58.3 ± 3.8	24.6 ± 3.3	17.2 ± 2.9
College graduate	73.0 ± 3.1	21.2 ± 2.8	5.8 ± 1.7
Household income			
<$20,000	47.1 ± 8.9	29.8 ± 8.1	23.1 ± 7.5
$20,000–34,999	50.3 ± 5.0	25.1 ± 4.2	24.7 ± 4.6
$35,000–49,999	49.7 ± 4.9	25.4 ± 4.3	24.9 ± 4.4
$50,000–74,999	54.6 ± 4.6	28.9 ± 4.3	16.5 ± 3.6
≥$75,000	73.3 ± 3.5	19.2 ± 3.1	7.5 ± 2.2

[a]Response to the question, "When you are at work, which of the following best describes what you do? Would you say mostly sitting or standing, mostly walking, or mostly heavy labor or physically demanding work.

Asthma **2002 Michigan BRFS** (% ± 95% confidence interval limits)		
Demographic Characteristics	**Ever Told Have Asthma[a]**	**Still Have Asthma[b]**
Total	**13.0 ± 1.1**	**8.8 ± 0.9**
Age		
18–24 years	17.3 ± 4.0	9.8 ± 3.2
25–34 years	13.4 ± 2.8	8.2 ± 2.2
35–44 years	11.8 ± 2.2	8.0 ± 1.9
45–54 years	11.9 ± 2.4	9.2 ± 2.2
55–64 years	14.2 ± 3.0	10.1 ± 2.6
65–74 years	11.1 ± 3.0	8.9 ± 2.8
≥75 years	11.4 ± 3.4	8.0 ± 2.9
Gender		
Male	11.7 ± 1.6	7.2 ± 1.4
Female	14.1 ± 1.5	10.2 ± 1.3
Race		
White	12.9 ± 1.2	8.8 ± 1.0
Black	13.8 ± 3.7	9.1 ± 3.1
Education		
Less than high school	15.4 ± 4.0	11.6 ± 3.6
High school graduate	13.0 ± 2.0	8.9 ± 1.6
Some college	13.5 ± 2.1	9.3 ± 1.8
College graduate	11.7 ± 1.9	7.3 ± 1.5
Household income		
<$20,000	14.6 ± 3.2	9.9 ± 2.5
$20,000–34,999	14.3 ± 2.6	10.8 ± 2.4
$35,000–49,999	11.3 ± 2.4	7.7 ± 2.1
$50,000–74,999	12.3 ± 2.6	6.7 ± 1.9
≥$75,000	12.4 ± 2.4	8.8 ± 2.1

[a]Proportion of respondents who reported that they had ever been told by a doctor that they had asthma.
[b]Proportion of respondents who reported that they still have asthma.

Immunizations Among Adults Aged 65 Years and Older 2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Had Flu Shot in Past Year[a]	Ever Had Pneumonia Vaccine[b]
Total	**67.8 ± 3.3**	**63.1 ± 3.4**
Gender		
Male	66.5 ± 5.4	60.1 ± 5.6
Female	68.7 ± 4.2	65.1 ± 4.3
Race		
White	68.9 ± 3.4	65.6 ± 3.5
Black	66.2 ± 13.0	45.7 ± 13.5
Education		
Less than high school	63.7 ± 8.2	57.9 ± 8.4
High school graduate	68.3 ± 5.2	62.4 ± 5.5
Some college	69.4 ± 6.5	67.8 ± 6.6
College graduate	70.3 ± 7.4	65.4 ± 7.7

[a]Proportion of respondents 65 years and older who reported that they had had a flu shot in the past year.
[b]Proportion of respondents who reported that they ever had a pneumonia vaccination.

Weight Status[a]
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Obese	Overweight	Healthy	Underweight
Total	**25.2 ± 1.4**	**36.9 ± 1.6**	**35.9 ± 1.6**	**2.0 ± 0.5**
Age				
18–24 years	12.9 ± 3.8	28.1 ± 5.2	53.9 ± 5.8	5.2 ± 2.6
25–34 years	23.5 ± 3.5	35.1 ± 4.1	39.9 ± 4.0	1.4 ± 0.8
35–44 years	25.2 ± 3.1	37.3 ± 3.5	35.0 ± 3.3	2.4 ± 1.2
45–54 years	31.5 ± 3.4	38.9 ± 3.5	28.7 ± 3.2	0.9 ± 0.6
55–64 years	31.5 ± 3.9	41.4 ± 4.1	26.5 ± 3.6	0.7 ± 0.5
65–74 years	29.9 ± 4.4	39.8 ± 4.6	29.0 ± 4.4	1.2 ± 0.9
≥75 years	19.6 ± 4.5	39.2 ± 5.3	39.5 ± 5.2	1.8 ± 1.3
Gender				
Male	25.0 ± 2.1	44.6 ± 2.5	29.7 ± 2.3	0.7 ± 0.4
Female	25.5 ± 1.9	29.4 ± 1.9	42.0 ± 2.1	3.2 ± 0.9
Race				
White	23.7 ± 1.5	36.9 ± 1.7	37.2 ± 1.7	2.3 ± 0.6
Black	34.5 ± 5.2	39.6 ± 5.5	25.4 ± 4.7	0.5 ± 0.6*
Education				
Less than high school	29.3 ± 4.9	36.7 ± 5.4	31.1 ± 5.3	2.9 ± 2.0
High school graduate	29.0 ± 2.7	35.2 ± 2.9	33.7 ± 2.8	2.2 ± 1.0
Some college	27.6 ± 2.7	35.3 ± 2.9	35.2 ± 2.9	2.0 ± 0.8
College graduate	17.5 ± 2.2	40.4 ± 2.9	40.8 ± 2.9	1.4 ± 0.6
Household income				
<$20,000	30.4 ± 4.4	32.1 ± 4.5	35.7 ± 4.7	1.9 ± 1.1
$20,000–34,999	29.6 ± 3.3	33.5 ± 3.4	34.5 ± 3.4	2.4 ± 1.1
$35,000–49,999	24.3 ± 3.5	41.0 ± 4.0	33.5 ± 3.7	1.2 ± 1.0
$50,000–74,999	22.9 ± 3.3	40.7 ± 4.0	34.2 ± 3.8	2.2 ± 1.3
≥$75,000	23.4 ± 3.1	38.3 ± 3.5	37.0 ± 3.5	1.3 ± 0.9

[a]Prevalence estimates for weight status were based on body mass index (BMI) as calculated from the self-reported weight and height measurements. BMI is defined as weight (in kilograms) divided by height (in meters) squared [weight in kg/(height in meters)^2]. Weight status categories were defined as follows: obese BMI ≥30; overweight BMI 25.0–29.9; healthy weight BMI 18.5–24.9; and underweight BMI <18.5. Pregnant women were excluded from this analysis.

*95% confidence interval exceeds possible limits.

Cardiovascular Disease Indicators
Among Respondents 35 Years and Older
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Ever Told Had Heart Attack or Myocardial Infarction[a]	Ever Told Had Angina or Coronary Heart Disease[b]	Ever Told Had Stroke[c]
Total	**7.2 ± 1.0**	**7.1 ± 0.9**	**3.9 ± 0.7**
Age			
35–44 years	1.5 ± 1.0	1.6 ± 1.0	1.5 ± 0.8
45–54 years	3.5 ± 1.4	3.9 ± 1.5	1.6 ± 1.0
55–64 years	8.6 ± 2.4	10.8 ± 2.7	4.7 ± 1.8
65–74 years	15.1 ± 3.4	15.7 ± 3.5	6.7 ± 2.4
≥75 years	20.7 ± 4.5	14.9 ± 3.8	11.6 ± 3.6
Gender			
Male	9.9 ± 1.7	8.8 ± 1.5	3.9 ± 1.1
Female	4.7 ± 1.0	5.5 ± 1.1	3.9 ± 0.9
Race			
White	7.0 ± 1.0	7.2 ± 1.0	3.6 ± 0.7
Black	7.8 ± 3.6	7.5 ± 3.8	5.6 ± 3.1
Education			
Less than high school	18.9 ± 4.7	13.2 ± 4.0	6.7 ± 3.2
High school graduate	6.9 ± 1.7	7.0 ± 1.6	3.4 ± 1.1
Some college	7.4 ± 1.9	7.8 ± 1.9	4.7 ± 1.6
College graduate	3.0 ± 1.0	4.3 ± 1.3	2.6 ± 1.0
Household income			
<$20,000	12.9 ± 3.3	12.8 ± 3.3	7.0 ± 2.7
$20,000–34,999	11.6 ± 2.5	11.1 ± 2.6	5.9 ± 1.9
$35,000–49,999	4.4 ± 2.0	4.2 ± 1.7	4.1 ± 2.0
$50,000–74,999	3.9 ± 2.0	4.2 ± 1.8	2.4 ± 1.5
≥$75,000	2.9 ± 1.4	4.1 ± 1.6	0.6 ± 0.5

Proportion of respondents 35 years and older 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.

Colorectal Cancer Screening
Among Adults Aged 50 Years and Older
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Ever Had Blood Stool Test[a]	Had Blood Stool Test in Past Two Years[b]	Ever Had a Sigmoidoscopy or Colonoscopy[c]	Had Sigmoidoscopy or Colonoscopy in Past 5 Years[d]
Total	**53.6 ± 2.4**	**35.1 ± 2.3**	**55.6 ± 2.4**	**45.2 ± 2.4**
Age				
50–59 years	45.4 ± 3.7	30.8 ± 3.4	43.8 ± 3.6	36.2 ± 3.5
60–69 years	61.2 ± 4.4	38.7 ± 4.4	63.5 ± 4.3	51.5 ± 4.5
≥70 years	58.7 ± 4.2	38.1 ± 4.0	65.5 ± 4.0	52.6 ± 4.2
Gender				
Male	52.0 ± 3.7	34.6 ± 3.5	55.4 ± 3.7	45.7 ± 3.7
Female	54.8 ± 3.1	35.5 ± 3.0	55.8 ± 3.1	44.8 ± 3.1
Race				
White	55.1 ± 2.5	35.3 ± 2.4	56.3 ± 2.5	45.1 ± 2.5
Black	43.8 ± 8.9	34.2 ± 8.6	54.7 ± 9.1	49.3 ± 9.2
Education				
Less than high school	41.9 ± 6.5	28.8 ± 6.1	51.3 ± 6.7	38.9 ± 6.7
High school graduate	52.2 ± 4.0	34.2 ± 3.7	55.2 ± 4.0	44.6 ± 4.0
Some college	57.6 ± 4.5	38.4 ± 4.5	55.6 ± 4.6	44.7 ± 4.5
College graduate	58.2 ± 4.5	36.7 ± 4.4	59.3 ± 4.4	50.5 ± 4.5
Household income				
<$20,000	47.2 ± 5.9	30.4 ± 5.3	47.8 ± 5.9	35.5 ± 5.7
$20,000–34,999	54.1 ± 4.8	36.8 ± 4.6	57.9 ± 4.8	49.3 ± 4.8
$35,000–49,999	56.8 ± 6.0	38.3 ± 5.9	56.9 ± 6.0	46.5 ± 6.1
$50,000–74,999	51.4 ± 6.5	33.4 ± 6.2	50.2 ± 6.5	39.6 ± 6.3
≥$75,000	57.9 ± 6.0	36.2 ± 6.0	55.6 ± 6.1	46.8 ± 6.1

[a]Reported 'yes' to the question, "A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood. Have you ever had this test using a home kit?"
[b]Proportion of respondents who had a blood stool test within the last two years using a home kit.
[c]Reported 'yes' to the question, "Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the bowel for signs of cancer or other health problems. Have you ever had either of these exams?"
[d]Proportion of respondents who had a sigmoidoscopy or colonoscopy within the past 5 years.

Oral Health
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	No Dental Visit In Past Year[a]	No Teeth Cleaning In Past Year[b]
Total	**23.9 ± 1.4**	**23.9 ± 1.5**
Age		
18–24 years	25.2 ± 4.8	27.2 ± 5.0
25–34 years	24.5 ± 3.5	27.4 ± 3.6
35–44 years	23.1 ± 3.0	24.2 ± 3.1
45–54 years	21.6 ± 3.0	22.3 ± 3.1
55–64 years	20.5 ± 3.4	16.3 ± 3.2
65–74 years	26.4 ± 4.2	21.3 ± 4.1
≥75 years	29.8 ± 5.1	26.4 ± 5.2
Gender		
Male	24.7 ± 2.2	25.6 ± 2.3
Female	23.1 ± 1.8	22.3 ± 1.8
Race		
White	21.4 ± 1.5	21.5 ± 1.5
Black	35.1 ± 5.2	34.5 ± 5.4
Education		
Less than high school	48.8 ± 5.4	47.6 ± 6.1
High school graduate	28.2 ± 2.6	29.0 ± 2.8
Some college	21.1 ± 2.5	20.7 ± 2.5
College graduate	13.6 ± 2.1	15.5 ± 2.2
Household income		
<$20,000	47.6 ± 4.7	48.1 ± 5.2
$20,000–34,999	31.0 ± 3.3	32.3 ± 3.5
$35,000–49,999	20.9 ± 3.2	21.0 ± 3.3
$50,000–74,999	15.9 ± 2.9	17.0 ± 3.1
≥$75,000	11.0 ± 2.4	11.2 ± 2.4

Proportion of respondents who reported that…
[a]they had not visited a dentist or dental clinic for any reason in the previous year.
[b]they did not have their teeth cleaned by a dentist or dental hygienist in the previous year.

Alcohol Use
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Heavy Drinking[a]	Binge Drinking[b]	Drinking and Driving[c]
Total	**5.9 ± 0.8**	**16.8 ± 1.3**	**3.0 ± 0.6**
Age			
18–24 years	10.2 ± 3.7	31.1 ± 5.3	5.1 ± 2.4
25–34 years	6.5 ± 2.1	25.7 ± 3.5	3.7 ± 1.6
35–44 years	6.9 ± 1.9	18.8 ± 2.8	3.9 ± 1.4
45–54 years	5.8 ± 1.5	14.4 ± 2.5	3.1 ± 1.4
55–64 years	3.6 ± 1.3	7.8 ± 2.3	1.2 ± 0.7
65–74 years	2.2 ± 1.2	3.7 ± 1.7	0.8 ± 0.7
≥75 years	2.3 ± 1.8	1.5 ± 1.2	0.2 ± 0.4*
Gender			
Male	6.9 ± 1.4	24.5 ± 2.2	4.4 ± 1.0
Female	4.9 ± 1.0	9.7 ± 1.3	1.6 ± 0.6
Race			
White	6.1 ± 0.9	17.7 ± 1.4	3.0 ± 0.6
Black	3.9 ± 2.0	11.5 ± 3.4	2.9 ± 2.1
Education			
Less than high school	5.8 ± 2.9	15.6 ± 4.3	2.8 ± 2.1
High school graduate	6.6 ± 1.5	16.3 ± 2.2	2.2 ± 0.8
Some college	6.0 ± 1.5	18.1 ± 2.5	3.3 ± 1.1
College graduate	5.0 ± 1.4	16.4 ± 2.4	3.6 ± 1.2
Household income			
<$20,000	6.0 ± 2.3	16.3 ± 3.8	2.7 ± 1.7
$20,000–34,999	5.2 ± 1.7	15.2 ± 2.6	2.1 ± 0.9
$35,000–49,999	7.0 ± 2.1	19.0 ± 3.2	4.0 ± 1.6
$50,000–74,999	6.4 ± 2.2	18.6 ± 3.2	3.3 ± 1.6
≥$75,000	6.1 ± 1.8	19.6 ± 3.0	4.1 ± 1.5

Proportion of respondents who reported…

[a]consuming on average more than two alcoholic beverages per day (men) or more than one alcoholic beverage per day (women).

[b]consuming five or more drinks per occasion at least once in the previous month.

[c]that they had driven when they'd had too much to drink at least once in the previous month.

*95% confidence interval exceeds possible limits.

Clinical Breast Exam Indicators
Among Women 20 Years and Older
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Ever Had Clinical Breast Exam	Had Appropriately Timed Clinical Breast Exam[a]
Total	**92.7 ± 1.2**	**77.4 ± 1.8**
Age		
20–29 years	90.8 ± 3.6	87.4 ± 4.0
30–39 years	97.1 ± 1.6	91.8 ± 2.6
40–49 years	95.6 ± 1.9	72.1 ± 3.9
50–59 years	95.0 ± 2.3	75.4 ± 4.2
60–69 years	92.4 ± 3.7	69.2 ± 5.7
≥70 years	82.6 ± 4.1	60.1 ± 5.3
Race		
White	93.6 ± 1.2	77.7 ± 1.9
Black	90.2 ± 4.4	77.6 ± 5.9
Education		
Less than high school	87.4 ± 5.5	56.0 ± 7.6
High school graduate	90.6 ± 2.3	75.2 ± 3.2
Some college	93.7 ± 1.8	79.1 ± 3.0
College graduate	96.1 ± 1.6	85.4 ± 2.6
Household income		
<$20,000	86.7 ± 4.0	61.7 ± 5.5
$20,000–34,999	90.7 ± 2.7	76.7 ± 3.8
$35,000–49,999	94.4 ± 2.7	81.8 ± 4.1
$50,000–74,999	95.9 ± 2.2	81.6 ± 3.8
≥$75,000	99.0 ± 0.9	89.1 ± 2.9

[a]Proportion of female respondents whose last clinical breast exam was within the previous three years for women 20–39 years and within the previous year for women 40 years and older.

Mammography Indicators
Among Women 40 Years and Older
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Ever Had Mammogram	Had Mammogram in Past Year[a]	Had Clinical Breast Exam and Mammogram in Past Year[b]
Total	**92.3 ± 1.4**	**61.9 ± 2.5**	**54.2 ± 2.5**
Age			
40–49 years	87.0 ± 3.1	54.4 ± 4.4	50.4 ± 4.5
50–64 years	95.6 ± 1.7	66.8 ± 4.0	60.5 ± 4.1
≥65 years	94.4 ± 2.0	64.6 ± 4.4	51.5 ± 4.6
Race			
White	92.9 ± 1.4	63.1 ± 2.6	55.6 ± 2.7
Black	88.5 ± 6.0	57.9 ± 9.0	48.5 ± 9.0
Education			
Less than high school	89.9 ± 5.5	51.7 ± 8.5	36.5 ± 8.0
High school graduate	90.8 ± 2.6	61.4 ± 4.1	54.0 ± 4.2
Some college	92.9 ± 2.1	62.2 ± 4.4	55.4 ± 4.5
College graduate	95.0 ± 2.2	67.5 ± 4.7	62.3 ± 4.9
Household income			
<$20,000	88.8 ± 4.6	53.3 ± 6.3	41.6 ± 6.2
$20,000–34,999	90.3 ± 3.2	63.9 ± 5.3	56.4 ± 5.5
$35,000–49,999	93.0 ± 3.4	60.6 ± 6.5	56.5 ± 6.6
$50,000–74,999	93.7 ± 3.3	65.9 ± 6.2	59.0 ± 6.4
≥$75,000	94.9 ± 2.8	63.5 ± 6.3	60.7 ± 6.3

[a]Proportion of female respondents 40 years and older who reported having a mammogram in the past year.
[b]Proportion of female respondents 40 years and older who had both a clinical breast exam and mammogram in the previous year.

Cervical Cancer Screening
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Ever Had Pap Test	Had Appropriately Timed Pap Test[a]
Total	**96.3 ± 1.0**	**85.2 ± 1.5**
Age		
20–29 years	89.9 ± 3.8	88.0 ± 4.0
30–39 years	98.6 ± 1.3	92.5 ± 2.5
40–49 years	99.1 ± 0.9	90.5 ± 2.8
50–59 years	99.1 ± 0.9	87.7 ± 3.1
60–69 years	97.6 ± 1.6	79.3 ± 5.0
≥70 years	94.3 ± 2.7	64.4 ± 5.3
Race		
White	97.0 ± 1.0	85.2 ± 1.7
Black	96.7 ± 2.4	89.4 ± 4.0
Education		
Less than high school	94.1 ± 4.3	73.8 ± 6.9
High school graduate	95.3 ± 1.9	81.4 ± 3.0
Some college	96.7 ± 1.6	86.7 ± 2.5
College graduate	97.6 ± 1.3	92.2 ± 2.1
Household income		
<$20,000	93.0 ± 3.3	73.0 ± 5.0
$20,000–34,999	96.8 ± 1.7	86.0 ± 3.1
$35,000–49,999	96.0 ± 2.8	85.2 ± 4.1
$50,000–74,999	97.0 ± 2.5	90.4 ± 3.4
≥$75,000	98.8 ± 1.2	94.9 ± 2.1

[a]Proportion of female respondents 18 years and older who had a Pap test within the previous three years.

Weight Management I
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Trying to Lose Weight[a]	Trying to Maintain Weight[b]	Neither[c]
Total	**44.0 ± 1.6**	**37.6 ± 1.6**	**18.4 ± 1.3**
Age			
18–24 years	35.4 ± 5.4	36.0 ± 5.5	28.6 ± 5.2
25–34 years	41.3 ± 3.9	40.5 ± 4.0	18.2 ± 3.1
35–44 years	46.8 ± 3.5	35.5 ± 3.3	17.7 ± 2.8
45–54 years	54.4 ± 3.5	32.9 ± 3.4	12.7 ± 2.4
55–64 years	50.6 ± 4.1	37.0 ± 4.0	12.4 ± 2.8
65–74 years	43.5 ± 4.7	38.7 ± 4.6	17.8 ± 3.7
≥75 years	23.7 ± 4.7	49.3 ± 5.4	27.0 ± 4.9
Gender			
Male	36.4 ± 2.4	41.3 ± 2.5	22.3 ± 2.1
Female	50.9 ± 2.1	34.2 ± 2.0	14.8 ± 1.5
Race			
White	44.3 ± 1.7	38.2 ± 1.7	17.5 ± 1.4
Black	41.8 ± 5.4	37.0 ± 5.4	21.2 ± 4.4
Education			
Less than high school	36.0 ± 5.3	36.5 ± 5.2	27.6 ± 5.3
High school graduate	42.1 ± 2.9	35.7 ± 2.8	22.2 ± 2.5
Some college	47.7 ± 3.0	36.1 ± 2.9	16.2 ± 2.2
College graduate	44.9 ± 2.9	41.6 ± 2.9	13.5 ± 2.0
Household income			
<$20,000	39.7 ± 4.6	37.3 ± 4.6	23.1 ± 4.1
$20,000–34,999	41.6 ± 3.5	36.5 ± 3.4	21.9 ± 2.9
$35,000–49,999	41.5 ± 3.9	41.2 ± 3.9	17.3 ± 3.0
$50,000–74,999	50.1 ± 4.0	35.0 ± 3.8	14.9 ± 3.1
≥$75,000	49.5 ± 3.6	38.9 ± 3.5	11.6 ± 2.4

[a]Responded 'yes' to the question, "Are you trying to lose weight now?"
[b]Responded 'yes' to the question, "Are you trying to maintain your current weight, that is to keep from gaining weight?"
[c] Responded 'no' to both questions.

Weight Management II
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Advised to Lose Weight[a]	Exercise and Diet [b]	Diet Only[c]	Exercise Only[d]	Neither Exercise or Diet[e]
Total	**16.7 ± 1.2**	**53.3 ± 1.8**	**21.6 ± 1.5**	**16.2 ± 1.4**	**9.0 ± 1.0**
Age					
18–24 years	7.2 ± 2.8	57.4 ± 6.7	8.7 ± 3.4	28.8 ± 6.4	5.1 ± 2.5
25–34 years	13.8 ± 2.7	56.4 ± 4.5	15.2 ± 3.2	20.9 ± 3.7	7.5 ± 2.3
35–44 years	16.9 ± 2.7	55.5 ± 3.8	18.2 ± 3.0	16.6 ± 2.8	9.7 ± 2.4
45–54 years	22.6 ± 3.0	54.1 ± 3.9	25.1 ± 3.5	12.3 ± 2.4	8.5 ± 2.3
55–64 years	24.8 ± 3.6	55.2 ± 4.4	25.2 ± 3.9	11.8 ± 2.8	7.8 ± 2.2
65–74 years	17.0 ± 3.7	46.9 ± 5.2	31.2 ± 4.9	10.9 ± 3.2	11.1 ± 3.1
≥75 years	11.0 ± 3.8	34.7 ± 6.0	41.0 ± 6.3	6.8 ± 3.1	17.6 ± 4.6
Gender					
Male	14.5 ± 1.7	51.5 ± 2.9	18.4 ± 2.2	20.6 ± 2.4	9.6 ± 1.6
Female	18.7 ± 1.6	54.8 ± 2.3	24.2 ± 2.0	12.5 ± 1.6	8.6 ± 1.2
Race					
White	15.9 ± 1.2	53.2 ± 1.9	21.6 ± 1.5	16.5 ± 1.5	8.7 ± 1.0
Black	23.6 ± 4.7	53.0 ± 6.3	21.6 ± 5.1	14.7 ± 4.8	10.7 ± 3.8
Education					
Less than high school	14.3 ± 3.9	41.0 ± 6.4	38.3 ± 6.2	7.4 ± 3.5	13.4 ± 4.0
High school graduate	15.5 ± 2.1	49.1 ± 3.4	23.7 ± 2.8	14.9 ± 2.5	12.4 ± 2.2
Some college	19.9 ± 2.4	56.2 ± 3.3	20.1 ± 2.5	17.1 ± 2.5	6.6 ± 1.5
College graduate	15.5 ± 2.1	57.8 ± 3.1	16.6 ± 2.4	18.6 ± 2.5	7.1 ± 1.6
Household income					
<$20,000	17.0 ± 3.8	43.0 ± 5.4	28.6 ± 4.7	13.0 ± 4.1	15.4 ± 3.9
$20,000–34,999	17.2 ± 2.6	50.2 ± 4.1	27.7 ± 3.6	12.2 ± 2.7	9.9 ± 2.3
$35,000–49,999	14.0 ± 2.8	53.5 ± 4.4	20.3 ± 3.4	16.6 ± 3.3	9.7 ± 2.6
$50,000–74,999	18.7 ± 3.0	56.9 ± 4.2	18.3 ± 3.3	17.6 ± 3.2	7.2 ± 2.1
≥$75,000	18.5 ± 2.7	60.1 ± 3.8	15.1 ± 2.8	18.4 ± 3.0	6.3 ± 1.8

[a]Proportion of all respondents who said they were advised by a doctor to lose weight.

Among those trying to lose or maintain their weight,

[b]the proportion who said they were eating fewer calories and (or) less fat and using physical activity to either lose weight or keep from gaining weight.

[c]the proportion who said they were eating fewer calories and (or) less fat to either lose weight or keep from gaining weight, but not using physical activity.

[d] the proportion who said they were using physical activity to either lose weight or keep from gaining weight, but not diet.

[e]the proportion who said they were doing neither.

HIV Testing I
Among Adults 18–64 Years
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Ever Tested for HIV[a]	Tested for HIV in Past 2 Years[b]
Total	**44.6 ± 1.8**	**46.6 ± 3.2**
Age		
18–24 years	42.8 ± 5.6	71.9 ± 8.0
25–34 years	66.0 ± 3.8	45.6 ± 5.4
35–44 years	52.2 ± 3.5	32.5 ± 5.6
45–54 years	31.9 ± 3.3	43.1 ± 7.8
55–64 years	20.9 ± 3.3	54.6 ± 11.0
Gender		
Male	41.9 ± 2.8	48.9 ± 5.1
Female	47.3 ± 2.4	44.5 ± 4.0
Race		
White	41.5 ± 1.9	41.7 ± 3.5
Black	62.8 ± 5.6	62.8 ± 7.9
Education		
Less than high school	44.6 ± 7.2	69.4 ± 11.7
High school graduate	41.6 ± 3.3	49.5 ± 6.2
Some college	47.9 ± 3.3	44.5 ± 5.5
College graduate	44.2 ± 3.1	41.0 ± 5.4
Household income		
<$20,000	46.0 ± 5.8	56.1 ± 9.7
$20,000–34,999	49.2 ± 4.2	48.3 ± 7.1
$35,000–49,999	45.5 ± 4.3	38.8 ± 7.0
$50,000–74,999	43.7 ± 4.1	43.0 ± 7.3
≥$75,000	45.2 ± 3.6	44.5 ± 6.3

[a]Reported 'yes' to the question, "As far as you know, have you ever been tested for HIV? Do not count tests you may have had as part of a blood donation." "Don't know" (2.4 ± 0.5%) was considered a valid response.
[b]Proportion of those ever tested who said they were tested within the past 2 years.

HIV Testing II
Among Adults 18–64 Years
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Main reason for last HIV test	**% Reporting[a]**
Test was required	20.6 ± 2.3
Test was suggested	2.7 ± 0.9
Thought HIV+ through sex or drug use	2.0 ± 0.8
Wanted to know if HIV+	12.7 ± 1.9
Worried about giving HIV to others	0.8 ± 0.5
Pregnant	10.5 ± 1.5
Test part of routine check-up	32.0 ± 2.6
Tested for other reason	18.7 ± 2.2
Total	100
Place of last HIV test	**% Reporting**
Private doctor or HMO	46.9 ± 2.8
Counseling and testing site	4.1 ± 1.2
Hospital	17.4 ± 2.1
Clinic	16.8 ± 2.2
Jail or prison	1.3 ± 0.8
Home	4.7 ± 1.2
Other	8.8 ± 1.6
Total	100

[a]Proportion of those tested who gave this response as the main reason they had had their last HIV test.
[b]Proportion of those tested who gave this response as the place where they had their last HIV test.

Sexual Behavior
Among Adults 18–64 Years
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Engaged in High Risk Activities in Past Year[a]	Told about STD Prevention Through Condom Use[b]
Total	**4.6 ± 0.8**	**12.4 ± 1.3**
Age		
18–24 years	9.6 ± 3.4	40.5 ± 5.6
25–34 years	6.7 ± 2.1	15.9 ± 3.0
35–44 years	3.6 ± 1.2	7.7 ± 2.0
45–64 years	1.9 ± 0.7	2.1 ± 0.7
Gender		
Male	4.9 ± 1.3	8.6 ± 1.7
Female	4.2 ± 1.0	16.0 ± 2.0
Race		
White	4.0 ± 0.8	10.0 ± 1.3
Black	7.5 ± 3.0	24.3 ± 5.1
Education		
Less than high school	10.0 ± 5.0	21.9 ± 6.5
High school graduate	4.5 ± 1.4	13.5 ± 2.6
Some college	5.0 ± 1.5	14.8 ± 2.5
College graduate	2.9 ± 1.0	6.7 ± 1.7
Household income		
<$20,000	8.3 ± 3.3	19.4 ± 4.7
$20,000–34,999	5.3 ± 2.0	18.4 ± 3.5
$35,000–49,999	3.8 ± 1.8	11.3 ± 3.0
≥$50,000	3.9 ± 1.1	7.9 ± 1.7

[a]Proportion of respondents who replied affirmatively to at least one of the following high risk activities in the past 12 months: used intravenous drugs, treated for a sexually or venereal disease, received money or drugs in exchange for sex, or had anal sex without a condom.

[b]Proportion of adults 18–64 whose doctor had talked to them in the past year about preventing sexually transmitted diseases through condom use.

Seat Belt Use
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Don't Always Wear Seat Belt[a]
Total	**16.4 ± 1.3**
Age	
18–24 years	20.0 ± 4.4
25–34 years	21.3 ± 3.5
35–44 years	13.6 ± 2.4
45–54 years	16.1 ± 2.7
55–64 years	15.7 ± 3.1
65–74 years	11.9 ± 3.2
≥75 years	13.7 ± 3.9
Gender	
Male	22.3 ± 2.1
Female	11.0 ± 1.4
Race	
White	16.2 ± 1.3
Black	20.0 ± 4.5
Education	
Less than high school	18.8 ± 4.5
High school graduate	17.5 ± 2.3
Some college	16.7 ± 2.3
College graduate	14.2 ± 2.1
Household income	
<$20,000	17.9 ± 3.7
$20,000–34,999	17.5 ± 2.8
$35,000–49,999	15.9 ± 2.9
$50,000–74,999	18.6 ± 3.4
≥$75,000	15.9 ± 2.7

[a]Proportion of respondents who reported that they don't always wear a seatbelt while driving/riding in a car.

Prostate Cancer Screening
Among Men Aged 50 Years and Older[a]
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Ever Had DRE[b]	Had DRE in Past Year	Ever Had PSA Test[c]	Had PSA Test in Past Year
Total	**84.9 ± 2.9**	**54.3 ± 3.8**	**75.4 ± 3.3**	**54.8 ± 3.8**
Age				
50–59 years	80.7 ± 4.7	47.5 ± 5.7	70.6 ± 5.2	49.4 ± 5.8
60–69 years	86.9 ± 4.6	60.6 ± 6.8	75.4 ± 6.2	55.1 ± 7.1
≥70 years	91.0 ± 4.4	60.6 ± 7.1	84.1 ± 5.4	64.6 ± 7.0
Race				
White	86.1 ± 2.9	54.3 ± 4.0	75.7 ± 3.4	55.1 ± 4.0
Black	81.6 ± 12.6*	59.8 ±15.8*	76.0 ±13.4	60.2 ±15.6*
Education				
High school grad or less	78.9 ± 5.0	48.1 ± 5.9	72.1 ± 5.3	47.8 ± 6.0
Some college or grad	89.1 ± 3.4	58.3 ± 4.9	77.6 ± 4.2	59.4 ± 4.9
Household income				
<$35,000	77.2 ± 5.5	44.2 ± 6.3	70.7 ± 5.9	49.4 ± 6.4
≥$35,000	87.8 ± 3.6	57.6 ± 5.1	76.5 ± 4.4	57.5 ± 5.1

[a]Men who had been diagnosed with prostate cancer (6.7 ± 1.8%) were excluded.

[b]Reported 'yes' to the question, "A digital rectal exam is an exam in which a doctor, nurse, or other health professional places a gloved finger into the rectum to feel the size, shape, and hardness or the prostate gland. Have you ever had a digital rectal exam?"

[c]Reported 'yes' to the question, "A prostate-specific antigen test, also called a PSA test, is a blood test used to check men for prostate cancer. Have you ever had a PSA test?"

*Estimates may be unstable where sample sizes are <50.

Family Planning I
By Gender[a]
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Using Birth Control[b]	
	Male Respondents Aged 18–59	**Female Respondents Aged 18–44**
Total	**61.1 ± 2.8**	**68.0 ± 3.1**
Age		
18–34 years	66.3 ± 4.7	67.6 ± 4.3
35–44 years	66.1 ± 5.2	69.2 ± 4.3
45–59 years	50.4 ± 4.6	—
Race		
White	61.3 ± 3.0	69.5 ± 3.3
Black	66.1 ± 9.3	64.0 ± 9.0
Education		
High school grad or less	60.8 ± 4.7	67.2 ± 5.5
Some college or grad	61.3 ± 3.5	68.5 ± 2.7
Household income		
<$35,000	58.0 ± 5.9	66.4 ± 5.5
≥$35,000	63.8 ± 3.4	71.8 ± 3.8

[a]Family planning questions were asked of women who were between the ages of 18 and 44 and were not pregnant, and asked of men between 18 and 59 years.

[b]Proportion of respondents who reported that they or their partner were doing something to prevent pregnancy.

Family Planning II
Among Men Aged 18–59 and
Among Women Aged 18–44
2002 Michigan BRFS

Method of Birth Control (BC)[a]	Proportion (%)
Sterilization	42.7
Birth control pill, Norplant, or Depo Provera shots	33.0
Condoms, diaphragm, IUD, foam, jelly, or cream	31.4
Withdrawal or rhythm method	4.4
Other method	2.4
Reason for Not Using BC[b]	**% ± 95% confidence interval**
Not sexually active or no partner	11.4±2.7
OK to, or don't care if, get pregnant	23.7±3.7
Don't want to use or don't like BC	2.9±1.5
Had tubes tied, vasectomy, or hysterectomy	22.6±3.5
Now pregnant, breastfeeding, or postpartum	6.5±2.4
Don't think self or partner can get pregnant	11.4±2.8
Too old	9.9±2.7
Have same sex partner	1.0±0.9
Other reason	10.7±3.0

[a]Respondents were allowed two responses when asked what methods of birth control they or their partner were using. Responses were pooled to determine the overall proportion of respondents using the above listed methods. People who said they were not sexually active or did not have a partner were excluded. Only one response was permitted for those who said they had had either a vasectomy or their tubes tied (sterilization).

[b]Proportion of respondents who reported what their main reason was for not using a method of birth control.

Firearms in the Home[a]
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Have Loaded Unlocked Gun	Gun is Loaded & Locked, Unloaded, or Status Unknown	Have No Gun
Total	**3.3 ± 0.6**	**37.2 ± 1.6**	**59.5 ± 1.6**
Age			
18–34 years	2.5 ± 1.0	32.2 ± 3.2	65.3 ± 3.2
35–44 years	3.8 ± 1.0	40.0 ± 2.5	56.3 ± 2.5
45–59 years	3.3 ± 1.0	39.1 ± 2.6	57.6 ± 2.7
Gender			
Male	5.6 ± 1.1	41.8 ± 2.5	52.6 ± 2.5
Female	1.2 ± 0.4	33.1 ± 2.0	65.8 ± 2.0
Race			
White	3.2 ± 0.6	41.1 ± 1.7	55.8 ± 1.7
Black	4.7 ± 2.1	16.9 ± 4.2	78.4 ± 4.5
Education			
High school grad or less	2.6 ± 0.8	38.5 ± 2.5	59.0 ± 2.5
Some college or grad	3.8 ± 0.8	36.4 ± 2.0	59.8 ± 2.1
Household income			
<$35,000	2.9 ± 0.9	29.9 ± 2.6	67.3 ± 2.6
≥$35,000	3.6 ± 0.8	43.8 ± 2.2	52.7 ± 2.2

[a]Proportion of respondents who reported that they had a loaded, unlocked gun at home; a gun that was either loaded and locked, unloaded, or the status of the gun was unknown; or they had no gun at home.

Raw Milk Consumption
2002 Michigan BRFS
(% ± 95% confidence interval limits)

Demographic Characteristics	Consumed Raw Milk in Past Year[a]
Total	**1.8 ± 0.5**
Age	
18–34 years	2.6 ± 1.1
35–54 years	1.6 ± 0.6
≥55 years	1.3 ± 0.7
Gender	
Male	2.3 ± 0.8
Female	1.4 ± 0.5
Race	
White	1.8 ± 0.5
Black	1.2 ± 1.0
Education	
≤High school graduate	1.4 ± 0.7
>High school	2.1 ± 0.6
Household income	
<$35,000	2.0 ± 0.8
≥$35,000	1.7 ± 0.6

[a]Proportion of respondents who reported that they consumed raw or unpasteurized milk or other dairy products made from unpasteurized milk in the previous year.