

Michigan Behavioral Risk Factor Survey (BRFS)

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 2008 Michigan BRFS, data were collected quarterly by IPPSR. The sample of telephone numbers that were utilized for data collection was selected using a list-assisted, random-digit-dialed methodology with a disproportionate stratification based on phone bank density, and whether or not the phone numbers were directory listed. In addition, census tracts with a high density of African Americans in the population were over sampled.

The total sample size of completed interviews was 9,447. This included three splits of state added questions with sample sizes of 3,160, 3,277, and 3,010, respectively.

State-specific, population-based prevalence estimates and asymmetric confidence intervals were calculated for indicators of health status, health risk behaviors, clinical preventive practices, and chronic conditions among the adult population in Michigan. These estimates were weighted to adjust for the probabilities of selection and a post-stratification weighting factor that adjusted for the distribution of Michigan adults by age, sex, and race/ethnicity at the state level. These analyses were performed in SAS-Callable SUDAAN®, a statistical computing program that was designed for complex sample surveys.

The entire survey can be viewed at: (www.michigan.gov/brfs) under the "Annual Tables" section. Data are preliminary and will be finalized Fall 2009.

**Table 30: HIV Testing Among Adults Aged 18 - 64 Years
2008 Michigan BRFSS- Preliminary**

Demographic Characteristics	Ever Had an HIV Test ^a	
	%	95% Confidence Interval
Total	37.3	(35.7-38.9)
Age		
18 – 24	24.0	(19.4-29.2)
25 – 34	51.4	(47.1-55.6)
35 – 44	51.6	(48.3-54.8)
45 – 54	32.0	(29.6-34.5)
55 – 64	22.5	(20.5-24.6)
Gender		
Male	33.5	(31.2-35.9)
Female	41.1	(39.1-43.2)
Race/Ethnicity		
White non-Hispanic	32.1	(30.5-33.8)
Black non-Hispanic	62.9	(57.9-67.6)
Other non-Hispanic	43.6	(36.1-51.5)
Hispanic	41.9	(31.8-52.8)
Education		
Less than high school	43.3	(35.7-51.1)
High school graduate	33.5	(30.6-36.6)
Some college	38.2	(35.4-41.1)
College graduate	38.8	(36.2-41.4)
Household Income		
< \$20,000	46.5	(41.3-51.7)
\$20,000 - \$34,999	39.5	(35.5-43.8)
\$35,000 - \$49,999	35.5	(31.5-39.7)
\$50,000 - \$74,999	33.8	(30.5-37.4)
\$75,000 +	37.1	(34.3-40.0)

^aAmong those aged 18 - 64 years (n = 6,163), the proportion who reported that they ever had been tested for HIV, apart from tests that were part of a blood donation.

Table 1: Respondent Demographics 2008
Michigan BRFSS- Preliminary

	%	95% Confidence Interval
Age		
18 – 24	12.8	(11.5-14.1)
25 – 34	16.4	(15.2-17.6)
35 – 44	18.7	(17.6-19.8)
45 – 54	20.2	(19.2-21.2)
55 – 64	15.0	(14.3-15.8)
65 – 74	8.7	(8.2-9.2)
75 +	8.3	(7.8-8.9)
Gender		
Male	48.2	(46.8-49.6)
Female	51.8	(50.4-53.2)
Race/Ethnicity		
White non-Hispanic	78.8	(77.6-80.0)
Black non-Hispanic	12.9	(11.9-13.9)
Other non-Hispanic	5.0	(4.3-5.7)
Hispanic	3.4	(2.8-4.1)
Education		
Less than high school	6.6	(5.9-7.3)
High school graduate	30.9	(29.6-32.2)
Some college	30.8	(29.5-32.1)
College graduate	31.7	(30.5-33.0)
Household Income		
< \$20,000	13.9	(12.9-15.0)
\$20,000 - \$34,999	19.8	(18.6-20.9)
\$35,000 - \$49,999	16.9	(15.8-18.0)
\$50,000 - \$74,999	18.9	(17.8-20.1)
\$75,000 +	30.6	(29.2-32.0)