

Prevalence of Major Behavioral Risk Factors in Volusia County

A Report from the 2002 County Behavior Risk Factor Surveillance System (BRFSS) Survey

Bureau of Epidemiology Florida Department of Health

The 2002 County BRFSS survey was conducted in September 2002 through January 2003. In Volusia County, 516 adults were randomly selected and interviewed for the survey. The purpose of this survey was to estimate the prevalence of personal health behaviors that contribute to morbidity and mortality among adults in Florida. This report presents the survey data on a variety of issues related to health status, health care access, life style, chronic illnesses, and disease prevention practice in the Volusia County. These data can be used to: (1) determine priority health issues and identify populations at highest risk for illness, disability, and death; (2) plan and evaluate prevention programs; (3) educate the community and policy makers about disease prevention; and (4) support community policies that promote health and prevent disease. The data listed in this report include the prevalence for all adults and for subpopulations as well.

Because the BRFSS is a random survey and all estimates of prevalence are subject to random sample errors, we include 95% confidence intervals (CI) with each prevalence (%) in the tables. Prevalence is excluded from the tables for any subpopulation with a sample size less than 30, which would yield statistically unreliable estimates.

Population Size and Health Status								
	Population Size*		Health Status is Fair or Poor			Mostly sitting/standing at job		
	County	State	%	CI		%	CI	
All	443,343	15,982,378	16.5	12.9	20.1	57.9	50.6	65.1
Sex								
Men	48.6%	48.8%	15.5	9.7	21.3	54.9	44.1	65.7
Women	51.4%	51.2%	17.4	12.9	22.0	61.4	51.9	70.9
Race/ethnicity								
NH White	81.9%	65.4%	15.8	11.9	19.6	59.9	52.0	67.8
NH Black	9.1%	14.2%	.	.	.	.	.	.
Hispanic	6.6%	16.8%	.	.	.	.	.	.
Race/ethnicity-Sex								
NH White men	39.7%	31.9%	13.5	7.5	19.5	57.8	46.1	69.5
NH White women	42.2%	33.6%	17.8	12.8	22.8	62.6	52.4	72.8
NH Black men	4.3%	6.8%	.	.	.	.	.	.
NH Black women	4.8%	7.4%	.	.	.	.	.	.
Hispanic men	3.4%	8.4%	.	.	.	.	.	.
Hispanic women	3.2%	8.4%	.	.	.	.	.	.
Age								
18-44	33.5%	36.9%	8.8	4.1	13.5	53.8	43.6	64.0
45-64	24.2%	22.7%	21.9	14.4	29.3	65.8	55.5	76.1
65 and older	22.1%	17.6%	22.2	15.3	29.2	.	.	.
Marital Status								
Never married	20.1%	22.5%	15.1	3.2	27.0	64.9	45.4	84.4
Married/ living together as a couple	54.3%	53.7%	14.1	9.5	18.8	60.3	51.0	69.6
Divorced/ widowed/separated	25.6%	23.8%	23.4	16.7	30.0	45.1	31.1	59.1
Education								
0-11 years	18.0%	20.1%	45.1	25.9	64.3	.	.	.
HS Grad/GED	32.3%	28.7%	18.4	12.1	24.7	56.1	43.1	69.2
1 or more years of college	49.8%	51.1%	10.9	7.1	14.7	62.1	53.0	71.2
Employment								
Employed for wages	51.9%	54.9%	13.0	7.8	18.1	57.9	50.6	65.1
Household Income								
\$24,999 or less	33.8%	30.8%	31.1	22.3	39.9	54.4	37.8	70.9
\$25,000 – 49,999	34.2%	31.6%	11.2	5.7	16.7	57.3	45.7	68.9
\$50,000 or more	32.0%	37.6%	9.5	4.1	15.0	59.9	46.6	73.3

*Per Census Bureau calculations, the following demographic categories are limited to specific age groups: Marital Status, >=15 years old; Education, >=25 years old; Employment, >=16 years old.

Risk Factors: Physical Activity									
Related Healthy People 2010 Objective(s) 22-1, 22-2, 22-3	No leisure time physical activity			No regular moderate physical activity ⁽¹⁾			No regular vigorous physical activity ⁽²⁾		
	%	CI		%	CI		%	CI	
All	25.5	21.2	29.8	52.5	47.6	57.5	75.8	71.5	80.1
Sex									
Men	23.9	17.1	30.8	49.4	41.4	57.4	72.7	65.5	79.9
Women	26.9	21.6	32.2	55.3	49.1	61.5	78.4	73.4	83.5
Race/ethnicity									
NH White	23.5	19.0	27.9	51.1	45.7	56.4	75.8	71.2	80.5
NH Black	.	.	.	.	.	.	.	.	.
Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex									
NH White men	20.7	13.6	27.7	47.7	38.9	56.4	72.0	64.1	80.0
NH White women	26.0	20.4	31.6	54.1	47.5	60.7	79.2	74.0	84.4
NH Black men	.	.	.	.	.	.	.	.	.
NH Black women	.	.	.	.	.	.	.	.	.
Hispanic men	.	.	.	.	.	.	.	.	.
Hispanic women	.	.	.	.	.	.	.	.	.
Age									
18-44	22.8	15.5	30.1	49.6	40.9	58.3	65.6	57.5	73.7
45-64	27.7	19.9	35.5	53.4	44.6	62.2	77.5	70.1	85.0
65 and older	27.7	20.5	34.8	55.9	47.5	64.2	87.9	82.6	93.2
Marital Status									
Never married	26.7	12.1	41.4	59.5	43.7	75.4	69.2	54.5	83.8
Married/ living together as a couple	21.9	16.3	27.4	47.9	41.3	54.5	74.6	68.8	80.3
Divorced/ widowed/separated	33.2	25.9	40.6	60.3	52.2	68.4	81.1	74.5	87.7
Education									
0-11 years	54.0	34.7	73.4	71.9	54.9	89.0	89.1	77.2	100.0
HS Grad/GED	28.3	20.8	35.8	56.9	48.3	65.5	83.9	77.6	90.2
1 or more years of college	19.4	14.5	24.4	47.1	40.6	53.5	69.0	62.9	75.1
Employment									
Employed for wages	21.6	15.6	27.6	51.6	44.3	58.9	70.8	64.3	77.4
Household Income									
\$24,999 or less	37.4	28.4	46.5	66.0	57.2	74.7	81.9	74.5	89.3
\$25,000 – 49,999	21.5	14.4	28.6	49.0	40.3	57.8	78.7	71.7	85.6
\$50,000 or more	14.1	7.1	21.2	37.9	27.7	48.0	59.4	49.0	69.8
Risk Factors: Overweight and Nutrition									
Related Healthy People 2010 Objective(s) 19-1, 19-2, 19-5, 19-6	Overweight ⁽³⁾			Obese ⁽⁴⁾			Less than 5-A-Day ⁽⁵⁾		
	%	CI		%	CI		%	CI	
All	34.7	29.9	39.6	22.1	17.9	26.2	72.4	67.9	76.9
Sex									
Men	48.6	40.7	56.6	18.8	12.7	25.0	74.2	67.1	81.3
Women	22.6	17.4	27.9	24.9	19.3	30.4	70.8	65.2	76.5
Race/ethnicity									
NH White	33.6	28.4	38.7	22.0	17.6	26.5	71.5	66.7	76.4
NH Black	.	.	.	.	.	.	.	.	.
Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex									
NH White men	47.6	39.0	56.2	20.0	13.2	26.9	74.3	66.6	81.9
NH White women	20.8	15.4	26.1	23.9	18.1	29.6	69.1	63.0	75.1
NH Black men	.	.	.	.	.	.	.	.	.
NH Black women	.	.	.	.	.	.	.	.	.
Hispanic men	.	.	.	.	.	.	.	.	.
Hispanic women	.	.	.	.	.	.	.	.	.
Age									
18-44	33.0	24.6	41.3	25.6	17.9	33.3	71.7	63.7	79.6
45-64	35.5	26.9	44.2	22.8	15.9	29.8	77.9	70.5	85.3
65 and older	37.9	29.6	46.1	14.6	9.0	20.3	68.2	60.5	75.9
Marital Status									
Never married	38.8	22.6	54.9	27.0	13.3	40.7	81.8	69.0	94.6
Married/ living together as a couple	35.7	29.3	42.2	20.7	15.4	25.9	69.7	63.6	75.8
Divorced/ widowed/separated	31.2	23.4	39.0	23.7	15.8	31.6	75.2	68.1	82.3
Education									
0-11 years	41.3	21.8	60.8	30.5	12.5	48.5	80.4	66.4	94.3
HS Grad/GED	40.2	31.6	48.7	21.5	14.5	28.6	74.9	67.3	82.5
1 or more years of college	30.6	24.6	36.7	21.0	15.8	26.3	69.7	63.7	75.7
Employment									
Employed for wages	36.6	29.4	43.7	25.5	19.2	31.7	74.5	68.0	80.9
Household Income									
\$24,999 or less	36.5	27.4	45.7	21.2	14.2	28.2	77.4	69.3	85.5
\$25,000 – 49,999	38.2	29.6	46.9	23.4	15.8	31.0	71.7	63.8	79.5
\$50,000 or more	29.0	19.5	38.4	26.5	17.2	35.8	68.2	58.3	78.0

Risk Factors: Tobacco and Alcohol Use									
Related Healthy People 2010 Objective(s) 27-1a, 27-5, 26-11c	Current smoker ⁽⁶⁾			Ever quit smoking in the past 12 months			Engage in heavy or binge drinking ⁽⁷⁾		
	%	CI		%	CI		%	CI	
All	22.7	18.5	27.0	44.8	34.1	55.4	18.2	14.2	22.1
Sex									
Men	24.6	17.5	31.6	42.9	26.2	59.7	24.8	17.8	31.7
Women	21.2	16.0	26.3	46.6	32.9	60.3	12.5	8.3	16.6
Race/ethnicity									
NH White	22.7	18.1	27.2	44.1	32.7	55.5	18.4	14.1	22.8
NH Black	.	.	.	.	.	.	.	.	.
Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex									
NH White men	23.2	15.7	30.6	41.5	23.0	60.1	24.7	17.1	32.2
NH White women	22.2	16.7	27.7	46.6	32.3	60.8	12.8	8.3	17.4
NH Black men	.	.	.	.	.	.	.	.	.
NH Black women	.	.	.	.	.	.	.	.	.
Hispanic men	.	.	.	.	.	.	.	.	.
Hispanic women	.	.	.	.	.	.	.	.	.
Age									
18-44	27.1	19.4	34.7	52.2	35.2	69.1	24.2	16.6	31.8
45-64	28.6	20.4	36.9	27.8	13.4	42.2	14.5	8.4	20.6
65 and older	10.8	6.0	15.7	.	.	.	14.6	8.6	20.6
Marital Status									
Never married	38.7	22.1	55.3	.	.	.	40.7	24.2	57.2
Married/ living together as a couple	18.0	12.8	23.3	38.9	23.3	54.5	14.6	9.9	19.3
Divorced/ widowed/separated	26.8	19.6	34.1	58.0	42.4	73.6	16.8	10.3	23.3
Education									
0-11 years	46.8	27.4	66.3	.	.	.	26.9	9.9	43.8
HS Grad/GED	30.1	22.1	38.0	41.5	25.8	57.3	17.3	10.5	24.1
1 or more years of college	14.7	10.3	19.2	60.0	43.9	76.2	17.3	12.2	22.3
Employment									
Employed for wages	27.1	20.6	33.6	42.4	28.5	56.3	20.7	14.7	26.7
Household Income									
\$24,999 or less	30.9	21.9	40.0	47.0	28.5	65.4	17.9	10.5	25.3
\$25,000 – 49,999	20.3	13.1	27.4	46.0	25.6	66.5	18.5	11.5	25.5
\$50,000 or more	17.4	10.0	24.9	.	.	.	17.2	9.6	24.8
Health Care Coverage and Access									
Related Healthy People 2010 Objective(s) 1-1, 1-5	No health care coverage			No personal health care provider(s)			Unable to get medical care in past 12 mos.		
	%	CI		%	CI		%	CI	
All	12.0	8.8	15.2	17.6	13.7	21.4	6.4	4.1	8.8
Sex									
Men	14.3	8.6	19.9	24.0	17.1	30.9	6.2	2.6	9.8
Women	10.0	6.5	13.6	12.0	8.1	15.9	6.6	3.4	9.7
Race/ethnicity									
NH White	10.7	7.3	14.1	17.3	13.1	21.6	6.7	4.0	9.4
NH Black	.	.	.	.	.	.	.	.	.
Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex									
NH White men	12.9	6.9	18.9	23.7	16.2	31.2	5.9	2.0	9.8
NH White women	8.8	5.3	12.3	11.5	7.3	15.7	7.4	3.7	11.2
NH Black men	.	.	.	.	.	.	.	.	.
NH Black women	.	.	.	.	.	.	.	.	.
Hispanic men	.	.	.	.	.	.	.	.	.
Hispanic women	.	.	.	.	.	.	.	.	.
Age									
18-44	17.3	10.8	23.9	26.1	18.7	33.6	6.8	2.6	11.1
45-64	14.9	9.1	20.8	14.5	7.8	21.1	8.9	4.3	13.6
65 and older	0.9	0.0	2.2	9.0	4.4	13.6	2.6	0.0	5.3
Marital Status									
Never married	33.8	18.1	49.5	34.7	19.4	50.0	5.6	0.0	14.5
Married/ living together as a couple	8.2	4.6	11.8	14.7	9.8	19.5	4.9	2.1	7.6
Divorced/ widowed/separated	11.5	6.5	16.5	16.8	10.4	23.1	9.8	4.9	14.6
Education									
0-11 years	23.6	7.2	40.1	25.4	7.6	43.2	7.9	0.0	19.1
HS Grad/GED	11.9	6.3	17.5	16.3	9.9	22.7	5.4	1.5	9.4
1 or more years of college	10.2	6.4	14.1	17.1	12.2	21.9	6.7	3.8	9.7
Employment									
Employed for wages	15.3	10.1	20.4	22.1	16.0	28.2	7.9	4.2	11.6
Household Income									
\$24,999 or less	18.0	11.3	24.7	20.0	12.1	27.9	10.8	5.6	16.1
\$25,000 – 49,999	15.0	8.4	21.7	19.9	12.9	27.0	8.0	3.0	12.9
\$50,000 or more	2.1	0.0	4.7	13.7	6.5	20.9	2.2	0.0	5.0

Oral Health									
Related Healthy People 2010 Objective(s) 21-10, 21-3	Visited a dentist within past year			No teeth removed			Had teeth cleaned within past year		
	%	CI		%	CI		%	CI	
	All	68.2	63.6	72.8	41.6	36.6	46.6	72.2	67.6	76.9
Sex									
Men	62.5	54.8	70.2	38.3	30.4	46.2	67.9	60.1	75.8
Women	73.1	67.7	78.6	44.6	38.3	50.9	75.7	70.1	81.3
Race/ethnicity									
NH White	69.0	64.0	74.0	42.8	37.4	48.2	73.0	68.0	78.0
NH Black	.	.	.	.	.	.	.	.	.
Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex									
NH White men	65.1	56.8	73.3	38.6	30.1	47.1	70.4	62.1	78.8
NH White women	72.6	66.6	78.5	46.8	40.1	53.5	75.2	69.3	81.1
NH Black men	.	.	.	.	.	.	.	.	.
NH Black women	.	.	.	.	.	.	.	.	.
Hispanic men	.	.	.	.	.	.	.	.	.
Hispanic women	.	.	.	.	.	.	.	.	.
Age									
18-44	75.0	67.6	82.4	67.0	58.8	75.3	75.1	67.7	82.4
45-64	65.2	56.6	73.8	29.9	22.1	37.8	69.4	60.8	78.0
65 and older	62.3	54.1	70.5	17.9	11.5	24.3	71.1	62.3	79.9
Marital Status									
Never married	75.7	61.0	90.5	77.2	63.6	90.7	78.1	64.5	91.6
Married/ living together as a couple	71.3	65.3	77.4	42.5	35.9	49.0	77.1	71.3	83.0
Divorced/ widowed/separated	57.8	49.5	66.0	23.4	16.1	30.6	57.3	48.1	66.5
Education									
0-11 years	44.2	24.9	63.6	10.7	0.0	22.6	.	.	.
HS Grad/GED	58.9	50.4	67.4	30.9	22.6	39.2	60.0	50.6	69.3
1 or more years of college	77.3	72.0	82.6	52.4	46.0	58.9	80.0	74.9	85.1
Employment									
Employed for wages	70.3	63.6	77.0	50.9	43.6	58.2	73.9	67.5	80.3
Household Income									
\$24,999 or less	49.8	40.5	59.1	25.3	16.7	33.9	57.7	47.4	67.9
\$25,000 – 49,999	65.5	57.1	73.9	45.9	37.2	54.6	65.7	57.1	74.3
\$50,000 or more	90.0	84.3	95.7	53.2	43.0	63.5	90.5	85.0	96.1
Chronic Health Conditions: Hypertension and Weight Control									
Related Healthy People 2010 Objective(s) 12-9, 12-10	Had high blood pressure (HBP)			Now taking HBP medication, if had HBP			Received advice about weight in past year		
	%	CI		%	CI		%	CI	
	All	28.6	24.2	33.0	72.8	64.1	81.6	17.9	14.1	21.7
Sex									
Men	29.0	21.9	36.1	63.0	48.2	77.8	19.5	13.2	25.9
Women	28.2	22.8	33.6	81.6	72.2	90.9	16.5	12.0	21.0
Race/ethnicity									
NH White	28.0	23.4	32.6	72.7	63.4	82.0	16.7	12.8	20.6
NH Black	.	.	.	.	.	.	.	.	.
Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex									
NH White men	27.5	20.0	35.0	58.0	41.6	74.3	16.1	10.1	22.2
NH White women	28.5	22.9	34.1	85.5	77.8	93.3	17.2	12.2	22.3
NH Black men	.	.	.	.	.	.	.	.	.
NH Black women	.	.	.	.	.	.	.	.	.
Hispanic men	.	.	.	.	.	.	.	.	.
Hispanic women	.	.	.	.	.	.	.	.	.
Age									
18-44	10.9	4.8	17.0	.	.	.	17.3	10.5	24.1
45-64	29.8	21.8	37.7	65.4	49.2	81.6	19.6	13.0	26.1
65 and older	48.9	40.7	57.2	88.6	81.9	95.4	16.5	10.4	22.7
Marital Status									
Never married	14.5	3.9	25.2	.	.	.	26.6	12.0	41.2
Married/ living together as a couple	27.3	21.4	33.2	71.8	59.5	84.1	18.1	13.1	23.1
Divorced/ widowed/separated	38.2	30.3	46.0	76.8	64.9	88.6	14.2	8.7	19.6
Education									
0-11 years	31.9	15.1	48.7	.	.	.	18.3	4.2	32.4
HS Grad/GED	36.2	28.1	44.2	74.8	60.9	88.7	17.0	10.6	23.5
1 or more years of college	23.7	18.2	29.1	76.5	64.7	88.2	18.3	13.3	23.3
Employment									
Employed for wages	17.5	12.0	23.0	58.8	40.7	76.8	16.6	11.3	21.9
Household Income									
\$24,999 or less	31.9	23.5	40.3	75.1	60.4	89.9	18.6	11.6	25.6
\$25,000 – 49,999	24.0	16.6	31.3	65.7	47.7	83.7	17.2	10.8	23.6
\$50,000 or more	23.1	14.4	31.7	77.3	56.8	97.8	20.2	11.6	28.7

Chronic Health Conditions: High Cholesterol									
Related Healthy People 2010 Objective(s) 12-15	Ever had blood cholesterol checked			If yes, cholesterol checked in past 2 years			Blood cholesterol is high		
	%	CI		%	CI		%	CI	
All	86.3	82.7	89.9	87.9	84.2	91.5	40.4	35.2	45.6
Sex									
Men	84.3	78.3	90.3	84.1	77.6	90.7	40.6	32.0	49.1
Women	87.9	83.7	92.2	91.0	87.2	94.8	40.3	33.8	46.7
Race/ethnicity									
NH White	87.6	83.7	91.4	87.4	83.3	91.5	40.0	34.4	45.5
NH Black	.	.	.	.	.	.	.	.	.
Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex									
NH White men	85.1	78.6	91.7	84.4	77.3	91.6	38.2	29.1	47.3
NH White women	89.8	85.6	93.9	90.0	85.6	94.4	41.5	34.6	48.3
NH Black men	.	.	.	.	.	.	.	.	.
NH Black women	.	.	.	.	.	.	.	.	.
Hispanic men	.	.	.	.	.	.	.	.	.
Hispanic women	.	.	.	.	.	.	.	.	.
Age									
18-44	77.4	70.4	84.4	86.4	80.0	92.8	21.5	12.9	30.1
45-64	88.4	82.0	94.8	82.4	74.9	90.0	46.8	37.6	55.9
65 and older	96.0	92.6	99.4	94.6	89.8	99.3	53.5	44.9	62.1
Marital Status									
Never married	63.8	48.2	79.3	86.9	73.7	100.0	17.9	2.1	33.8
Married/ living together as a couple	90.4	86.1	94.7	88.1	83.4	92.8	41.3	34.5	48.1
Divorced/ widowed/separated	85.6	79.5	91.7	87.4	80.8	93.9	45.4	36.4	54.4
Education									
0-11 years	76.5	57.8	95.3	91.0	81.3	100.0	50.5	28.4	72.5
HS Grad/GED	85.0	78.7	91.2	81.8	73.9	89.8	36.9	28.0	45.7
1 or more years of college	88.5	84.4	92.7	90.8	86.8	94.8	41.1	34.3	47.9
Employment									
Employed for wages	83.3	77.7	88.9	82.4	76.4	88.5	32.3	24.9	39.7
Household Income									
\$24,999 or less	82.6	74.6	90.5	89.2	83.3	95.2	51.8	41.9	61.7
\$25,000 – 49,999	84.7	78.5	90.9	84.4	76.9	91.8	36.1	26.9	45.3
\$50,000 or more	92.4	86.7	98.1	85.6	78.1	93.0	35.8	25.4	46.1

Chronic Health Conditions: Asthma & Diabetes									
Related Healthy People 2010 Objective(s) 5-3	Ever had asthma			If yes, still have asthma			Have diabetes		
	%	CI		%	CI		%	CI	
All	8.2	5.6	10.8	60.5	43.6	77.3	7.3	4.9	9.6
Sex									
Men	5.3	2.0	8.5	.	.	.	8.5	4.5	12.5
Women	10.7	6.8	14.6	68.9	50.1	87.7	6.3	3.6	9.0
Race/ethnicity									
NH White	8.2	5.4	11.1	64.2	46.0	82.5	6.6	4.3	9.0
NH Black	.	.	.	.	.	.	.	.	.
Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex									
NH White men	5.3	1.7	8.8	.	.	.	7.2	3.4	11.0
NH White women	10.9	6.5	15.3	.	.	.	6.1	3.2	9.0
NH Black men	.	.	.	.	.	.	.	.	.
NH Black women	.	.	.	.	.	.	.	.	.
Hispanic men	.	.	.	.	.	.	.	.	.
Hispanic women	.	.	.	.	.	.	.	.	.
Age									
18-44	9.8	4.9	14.6	.	.	.	1.9	0.0	4.4
45-64	7.9	3.7	12.2	.	.	.	11.2	5.9	16.5
65 and older	6.0	1.9	10.1	.	.	.	10.6	5.9	15.2
Marital Status									
Never married	12.9	2.1	23.6	.	.	.	5.7	0.0	12.1
Married/ living together as a couple	8.5	5.0	12.0	.	.	.	5.4	2.7	8.2
Divorced/ widowed/separated	4.8	1.9	7.8	.	.	.	12.6	7.1	18.2
Education									
0-11 years	5.3	0.0	14.2	.	.	.	12.7	0.8	24.5
HS Grad/GED	8.3	3.4	13.2	.	.	.	7.6	3.3	11.8
1 or more years of college	8.6	5.3	11.8	.	.	.	6.3	3.6	9.0
Employment									
Employed for wages	9.1	5.3	12.9	.	.	.	5.7	2.4	9.0
Household Income									
\$24,999 or less	8.4	3.6	13.1	.	.	.	10.4	5.2	15.7
\$25,000 – 49,999	8.7	3.7	13.7	.	.	.	4.9	1.1	8.7
\$50,000 or more	10.5	4.9	16.1	.	.	.	4.8	1.1	8.5

Disease Prevention: Cardiovascular Disease Prevention										
	Being advised by a health professional to...									
	Eat fewer high fat or cholesterol foods			Eat more fruits and vegetables			Be more physically active			
	%	CI		%	CI		%	CI		
All		21.6	17.4	25.7	24.6	20.2	28.9	24.3	20.0	28.6
Sex	Men	18.6	12.4	24.9	20.9	14.5	27.4	22.2	15.7	28.7
	Women	24.0	18.5	29.5	27.6	21.8	33.4	26.1	20.4	31.8
Race/ethnicity	NH White	20.3	16.1	24.6	22.1	17.8	26.5	22.5	18.1	26.9
	NH Black	.	.	.	.	.	.	.	.	.
	Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex	NH White men	16.6	10.3	22.9	16.6	10.6	22.7	19.1	12.6	25.5
	NH White women	23.5	17.8	29.2	27.0	20.9	33.0	25.5	19.7	31.4
	NH Black men	.	.	.	.	.	.	.	.	.
	NH Black women	.	.	.	.	.	.	.	.	.
	Hispanic men	.	.	.	.	.	.	.	.	.
	Hispanic women	.	.	.	.	.	.	.	.	.
Age	18-44	20.5	13.1	27.9	23.4	15.6	31.1	24.5	16.8	32.2
	45-64	24.0	16.8	31.3	23.9	16.8	31.0	26.8	19.1	34.4
	65 and older	20.6	13.7	27.5	26.8	19.4	34.3	22.6	15.7	29.5
Marital Status	Never married	18.3	7.1	29.6	31.0	15.6	46.4	29.9	15.4	44.4
	Married/ living together as a couple	24.6	18.9	30.3	25.2	19.5	30.9	24.4	18.9	30.0
	Divorced/ widowed/separated	16.0	9.1	22.9	20.7	13.6	27.9	22.1	14.4	29.8
Education	0-11 years	43.7	23.5	63.9	48.0	27.9	68.1	33.0	13.0	52.9
	HS Grad/GED	19.8	13.2	26.4	25.1	17.8	32.3	22.6	15.6	29.6
	1 or more years of college	19.4	14.2	24.5	20.8	15.6	26.1	24.1	18.6	29.6
Employment	Employed for wages	19.4	13.4	25.4	21.0	14.9	27.1	22.8	16.6	29.0
Household Income	\$24,999 or less	27.7	19.3	36.1	36.4	27.4	45.3	27.2	19.0	35.5
	\$25,000 – 49,999	19.8	12.7	26.9	24.0	16.4	31.6	28.2	20.1	36.3
	\$50,000 or more	19.7	11.2	28.2	14.4	6.8	21.9	20.9	12.7	29.1

Preventive Health Behaviors: Annual Flu and One-Time Pneumonia Shots										
Related Healthy People 2010 Objective(s) 14-29	Received flu shot within past 12 months			Received flu shot at county health dept.			Ever had a pneumonia shot			
	%	CI		%	CI		%	CI		
	All	29.6	25.2	33.9	2.5	1.1	3.9	25.4	21.1	29.6
Sex	Men	23.2	16.8	29.6	2.4	0.1	4.7	23.5	16.8	30.3
	Women	35.1	29.3	41.0	2.5	0.8	4.3	26.8	21.4	32.3
Race/ethnicity	NH White	30.6	25.9	35.3	2.8	1.1	4.5	25.8	21.2	30.3
	NH Black	.	.	.	.	.	.	.	.	.
	Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex	NH White men	22.8	15.9	29.6	2.5	0.0	5.1	23.5	16.3	30.7
	NH White women	37.8	31.5	44.1	3.1	1.0	5.2	27.8	22.0	33.6
	NH Black men	.	.	.	.	.	.	.	.	.
	NH Black women	.	.	.	.	.	.	.	.	.
	Hispanic men	.	.	.	.	.	.	.	.	.
	Hispanic women	.	.	.	.	.	.	.	.	.
Age	18-44	14.1	8.2	20.1	1.8	0.0	4.1	10.3	4.4	16.2
	45-64	26.9	19.3	34.5	0.9	0.0	2.5	17.1	10.4	23.8
	65 and older	51.1	42.8	59.4	4.9	1.6	8.1	52.1	43.7	60.5
Marital Status	Never married	23.6	9.0	38.3	1.3	0.0	4.0	7.5	0.0	15.5
	Married/ living together as a couple	29.4	23.7	35.1	2.3	0.4	4.3	24.2	18.6	29.9
	Divorced/ widowed/separated	32.9	25.5	40.3	3.3	0.8	5.9	35.2	27.2	43.3
Education	0-11 years	20.9	7.3	34.5	.	.	.	24.1	9.4	38.8
	HS Grad/GED	33.7	25.7	41.6	.	.	.	28.1	20.5	35.6
	1 or more years of college	28.6	23.0	34.1	.	.	.	24.0	18.4	29.6
Employment	Employed for wages	16.8	11.8	21.9	1.9	0.0	3.9	12.9	8.0	17.9
Household Income	\$24,999 or less	27.7	20.1	35.4	3.1	0.2	5.9	33.0	24.2	41.7
	\$25,000 – 49,999	27.2	19.8	34.7	2.8	0.0	5.7	21.7	14.7	28.8
	\$50,000 or more	23.3	15.0	31.6	0.7	0.0	1.6	17.1	8.9	25.4

Preventive Health Behaviors: Mammograms & Pap Smear Tests									
Related Healthy People 2010 Objective(s) 3-13, 3-11a, 3-11b	Women age 40+			All adult women					
	Had mammogram in past 2 years			Ever had Pap smear test			Had Pap smear test in past 2 years		
	%	CI		%	CI		%	CI	
All	79.1	72.8	85.4	94.7	90.4	98.9	84.1	78.4	89.9
Sex									
Men	.	.	.	.	.	.	.	.	.
Women	79.1	72.8	85.4	94.7	90.4	98.9	84.1	78.4	89.9
Race/ethnicity									
NH White	81.1	75.3	86.8	96.3	92.6	100.0	84.2	78.2	90.3
NH Black	.	.	.	.	.	.	.	.	.
Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex									
NH White men	.	.	.	.	.	.	.	.	.
NH White women	81.1	75.3	86.8	96.3	92.6	100.0	84.2	78.2	90.3
NH Black men	.	.	.	.	.	.	.	.	.
NH Black women	.	.	.	.	.	.	.	.	.
Hispanic men	.	.	.	.	.	.	.	.	.
Hispanic women	.	.	.	.	.	.	.	.	.
Age									
18-44	70.6	50.3	90.9	96.2	90.7	100.0	90.9	84.1	97.8
45-64	77.3	67.4	87.1	93.6	83.5	100.0	78.3	65.1	91.4
65 and older	85.4	78.5	92.4	92.0	83.8	100.0	75.4	63.0	87.7
Marital Status									
Never married	.	.	.	.	.	.	.	.	.
Married/ living together as a couple	83.5	75.6	91.4	95.6	90.2	100.0	86.9	79.5	94.4
Divorced/ widowed/separated	71.7	61.1	82.4	94.7	89.2	100.0	76.1	65.7	86.4
Education									
0-11 years	.	.	.	.	.	.	.	.	.
HS Grad/GED	75.3	63.6	87.0	89.9	78.5	100.0	73.5	60.0	87.1
1 or more years of college	84.4	77.8	90.9	96.6	93.1	100.0	89.3	83.9	94.7
Employment									
Employed for wages	80.5	69.7	91.2	97.6	92.8	100.0	92.7	86.6	98.8
Household Income									
\$24,999 or less	80.3	71.3	89.4	98.5	95.5	100.0	78.8	68.1	89.5
\$25,000 – 49,999	76.7	62.3	91.1	92.0	83.7	100.0	84.4	73.8	95.0
\$50,000 or more	87.6	76.6	98.6	100.0	100.0	100.0	94.6	87.0	100.0

Preventive Health Behaviors: Colorectal Cancer Screening									
Related Healthy People 2010 Objective(s) 3-12a, 3-12b	For respondents 50 years and older . . .								
	Ever had blood stool test			Had blood stool test in past 2 years			Ever had sigmoidoscopy		
	%	CI		%	CI		%	CI	
All	40.1	33.8	46.3	28.3	22.7	34.0	49.2	42.6	55.7
Sex									
Men	32.1	22.8	41.3	21.3	13.3	29.2	48.6	38.1	59.1
Women	47.1	38.9	55.3	34.6	26.9	42.4	49.6	41.3	57.9
Race/ethnicity									
NH White	43.5	36.8	50.3	30.5	24.4	36.6	53.4	46.5	60.3
NH Black	.	.	.	.	.	.	.	.	.
Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex									
NH White men	34.9	24.6	45.1	22.1	13.5	30.8	53.3	41.9	64.7
NH White women	51.1	42.6	59.6	37.9	29.7	46.1	53.5	45.0	61.9
NH Black men	.	.	.	.	.	.	.	.	.
NH Black women	.	.	.	.	.	.	.	.	.
Hispanic men	.	.	.	.	.	.	.	.	.
Hispanic women	.	.	.	.	.	.	.	.	.
Age									
18-44	.	.	.	.	.	.	.	.	.
45-64	35.1	25.8	44.3	26.0	17.7	34.2	35.2	25.9	44.6
65 and older	44.4	36.1	52.7	30.4	22.8	38.1	61.4	53.2	69.5
Marital Status									
Never married	.	.	.	.	.	.	.	.	.
Married/ living together as a couple	38.9	30.6	47.3	28.8	21.2	36.4	51.9	42.8	60.9
Divorced/ widowed/separated	43.3	34.3	52.3	28.4	20.2	36.7	46.0	36.9	55.1
Education									
0-11 years	.	.	.	.	.	.	.	.	.
HS Grad/GED	35.9	26.0	45.7	27.0	18.1	36.0	46.9	36.2	57.7
1 or more years of college	47.7	38.9	56.5	33.8	25.5	42.0	52.1	43.2	61.0
Employment									
Employed for wages	32.5	21.8	43.2	25.4	15.7	35.2	41.1	29.1	53.1
Household Income									
\$24,999 or less	34.7	24.4	44.9	21.9	13.1	30.8	42.8	31.6	53.9
\$25,000 – 49,999	40.6	28.5	52.7	27.8	17.0	38.6	56.9	44.2	69.6
\$50,000 or more	45.4	30.6	60.1	32.8	19.2	46.5	56.5	41.7	71.2

Preventive Health Behaviors: HIV/AIDS Tests										
For respondents 64 years and younger . . .										
		Ever been tested for HIV			If yes, the test was done in the past 2 years			In past 12 months, health professional talked to you about preventing sexually transmitted diseases through condom use.		
		%	CI		%	CI		%	CI	
All		40.6	34.6	46.6	52.1	40.2	63.9	13.5	9.2	17.9
Sex	Men	40.0	30.3	49.7	48.8	29.3	68.4	9.5	3.6	15.3
	Women	41.1	33.5	48.7	54.9	40.0	69.8	17.0	10.7	23.3
Race/ethnicity	NH White	40.4	33.7	47.1	48.4	34.7	62.1	10.6	6.1	15.1
	NH Black	.	.	.	.	.	.	.	.	.
	Hispanic	.	.	.	.	.	.	.	.	.
Race/ethnicity-Sex	NH White men	39.7	29.0	50.5	.	.	.	7.3	1.5	13.1
	NH White women	41.0	32.7	49.3	46.2	28.7	63.7	13.5	6.8	20.2
	NH Black men	.	.	.	.	.	.	.	.	.
	NH Black women	.	.	.	.	.	.	.	.	.
	Hispanic men	.	.	.	.	.	.	.	.	.
	Hispanic women	.	.	.	.	.	.	.	.	.
Age	18-44	51.8	43.1	60.6	57.3	42.7	72.0	19.2	12.3	26.1
	45-64	28.2	20.6	35.8	37.0	18.7	55.4	7.2	2.2	12.1
	65 and older	.	.	.	.	.	.	.	.	.
Marital Status	Never married	54.2	36.8	71.6	.	.	.	41.6	24.5	58.8
	Married/ living together as a couple	34.3	26.7	41.8	50.6	34.0	67.2	8.7	4.0	13.4
	Divorced/ widowed/A80separated	51.0	38.8	63.2	56.0	36.1	75.8	10.3	2.8	17.7
Education	0-11 years	.	.	.	.	.	.	.	.	.
	HS Grad/GED	41.0	29.9	52.2	.	.	.	15.2	6.9	23.6
	1 or more years of college	43.1	35.4	50.8	46.7	32.4	61.0	12.6	7.2	18.0
Employment	Employed for wages	44.0	36.5	51.5	49.7	36.1	63.3	14.1	8.6	19.5
Household Income	\$24,999 or less	44.2	31.3	57.0	.	.	.	24.7	13.3	36.1
	\$25,000 – 49,999	44.1	34.0	54.2	44.9	26.4	63.4	17.2	9.0	25.5
	\$50,000 or more	37.4	26.2	48.7	.	.	.	3.4	0.0	7.5

- (1) People who do not engage in regular moderate physical activity (at least 30 minutes a day and 5 days a week) or regular vigorous physical activity (at least 20 minutes a day and 3 days a week).
- (2) People who do not engage in regular vigorous physical activity (at least 20 minutes a day and 3 days a week).
- (3) People with a Body Mass Index (BMI) between 25 and 30.
- (4) People with a Body Mass Index (BMI) equal to or greater than 30.
- (5) People who consume less than 5 servings of fruits and vegetables a day.
- (6) People who have smoked at least 100 cigarettes in their lifetimes and who also smoked some days or every day in the past month.
- (7) People who have consumed 5+ drinks at one occasion in the past month (binge drinker), or men who have 2+ drinks every day or women who have 1+ drink(s) every day (heavy drinker).

For more information about your County BRFSS data, please contact:
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