

**BRFSS**

# Health Risk Behaviors of Adult Missourians



2004  
Annual Report

Behavioral  
Risk Factor  
Surveillance  
System



Missouri Department of Health and Senior Services  
Division of Community and Public Health  
Bureau of Health Informatics

## REPORT INFORMATION

Title: 2004 Behavioral Risk Factor Surveillance System Annual Report: Health Risk Behaviors of Adult Missourians

Published by: Missouri Department of Health and Senior Services, 2007

Target Audience: Local Public Health Agencies, health and allied health professionals, non-profit and non-governmental organizations, and the Centers for Disease Control and Prevention (CDC).

Description: This report presents data collected from the CDC-established annual Behavioral Risk Factor Surveillance System (BRFSS). The BRFSS is designed to assess the health status and monitor trends in disease pattern and risk behaviors that are linked to health. This surveillance system provides information to assist public health agencies for planning, implementing, and evaluating public health interventions. This data can also drive advocacy efforts to promote community and systems change for the betterment of Missouri's population.

Contact Details: BRFSS Coordinator  
Missouri Department of Health and Senior Services  
Bureau of Health Informatics  
PO Box 570  
Jefferson City, MO 65102  
1-573-751-6272 or  
TDD 800-669-8819  
<http://www.dhss.mo.gov/BRFSS>

Suggested Citation: 2004 Behavioral Risk Factor Surveillance System Annual Report: Health Risk Behaviors of Adult Missourians. Jefferson City, MO: Missouri Department of Health and Senior Services. January 2007.

## KEY LINKS

### ***Missouri Dept of Health and Senior Services***

Additional information about the BRFSS, publications, and state and regional data may be found on the Department website located at: <http://www.dhss.mo.gov/brfss/>

### ***The U.S Centers for Disease Control and Prevention (CDC)***

The CDC Behavior Surveillance Branch supports state BRFSS programs by providing funding and technical support. State and national BRFSS data are maintained on a CDC website that allows comparison of data between states and between states and the nation. Information about the BRFSS, publications, questionnaires, and data are available at: <http://www.cdc.gov/brfss/>

***Healthy People 2010 website:*** Coordinated by the U.S. Department of Health and Human Services, Office of Disease Prevention and Health Promotion, this website provides information on the health prevention goals, priority areas, measuring progress on health indicators and other pertinent information at: <http://www.health.gov/healthypeople/>

**Jane Drummond**  
Director, Missouri Department of Health and Senior Services

**Glenda R. Miller**  
Director, Division of Community and Public Health

AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER  
Services provided on a nondiscriminatory basis.



# ACKNOWLEDGEMENTS

2004 Behavioral Risk Factor Surveillance System Annual Report:  
Health Risk Behaviors of Adult Missourians

## Data Analysis and Annual Report Preparation:

Brian Waterman, MPH, CEO, Waterman Research Solutions  
Julie Krygiel, PhD, Consulting Epidemiologist  
Kelly Faulkner, BA, Data Manager

## Layout:

Office of Community Health Information, Division of Community and Public Health

## Special Thanks:

The data presented in this report are a result of participation by Missouri adults whose telephone numbers were randomly selected for participation. This invaluable information would not be available without their willingness to participate.

The Behavioral Risk Research Unit (BRRU) in the Center for Health Care Quality at the University of Missouri-Columbia conducted the telephone interviews using the Computer-Assisted Telephone Interviewing (CATI) system.

# Contents

Introduction	12
Definitions and Regional Data for Missouri	13
Demographics of Missouri BRFSS Respondents	14
<b>2004 BRFSS Results for Missouri Adults</b>	
<b>I Overall Health Measures</b>	<b>15</b>
Section 1 Summary of self-reported general, physical and mental health	16
a. Summary of general health status	16
Poor	17
Poor/fair	18
Fair	19
Good	20
Very good	21
Excellent	22
b. Summary of poor physical health in the past 30 days	23
0 Poor physical health days	24
1 Poor physical health days	25
2 or more poor physical health days	26
c. Summary of poor mental health past 30 days	27
0 Poor mental health days	28
1 Poor mental health days	29
2 or more poor mental health days	30
d. Summary of being kept from usual activities due to poor physical or mental health past 30 days	31
0 Poor physical or mental health days	32
1 Poor physical or mental health days	33
2 or more poor physical or mental health days	34
Section 2 Summary of Oral Health	35
a. Dental visit within the past year	36
b. Teeth cleaning	
Within the last year	37
Within the last 1-2 years	38
Within the last 2-5 years	39
5 plus years ago	40
Any permanent teeth lost or removed due to tooth decay or gum disease	41
All permanent teeth lost or removed due to tooth decay or gum disease	42
Section 3 Summary of disability status	43
a. Limited in any activities due to physical, mental, or emotional problems	44

	b. Any health problems that require special equipment	45
	c. Major impairment or health problems	
	Arthritis/rheumatism	46
	Back or neck problems	47
	Fractures, bone/joint injury	48
	Walking problem	49
	Lung/breathing problem	50
	Hearing problem	51
	Eye/vision problem	52
	Heart problem	53
	Stroke problem	54
	Hypertension/high blood pressure	55
	Diabetes	56
	Cancer	57
	Depression/anxiety/emotional problem	58
	Other impairment/problem	59
<b>II</b>	<b>Health Care Access and Utilization</b>	60
Section 4	Summary of health care access	60
	a. No health care coverage	61
	b. Needed to see a doctor in the past 12 months but could not due to cost	62
	c. Think of more than one person as a provider	
	One	63
	More than one	64
	No	65
<b>III</b>	<b>Health Risks and Preventive Behaviors</b>	66
Section 5	Summary of alcohol consumption	66
	a. Had at least 1 drink per week in the past 30 days	67
	b. When drank in the past 30 days: average number of drinks	
	Two or more drinks	68
	Five or more drinks	69
	Heavy drinking $\geq 1$ drink per day	70
	Binge drinking $\geq 5$ drinks on one occasion	71
Section 6	Summary of environmental factors	72
	a. Had an illness or symptoms believe were caused by something in the air inside a home, office, or other building in the past 12 months	73
	b. Had an illness or symptom believe were caused by pollution in the air outdoors in the past 12 months	74
Section 7	Summary of fruits and vegetables	75
	a. Eat 5 or more servings of fruits and vegetables per day	76
Section 8	Summary of Immunizations	77
	a. Age 65+, flu shot in past 12 months	78
	b. Age 65+, flu nasal spray in past 12 months	79
	c. Age 65+, pneumonia vaccination in past 12 months	80
Section 9	Summary of physical activity	81

	a. No physical activity in the past 30 days	82
Section 10	Summary of environmental supports for physical activity	83
	a. Neighborhood has sidewalks	84
	b. Neighborhood has good or very good street lighting for walking at night	85
	c. Neighborhood has poor or fair street lighting for walking at night	86
	d. Neighborhood is extremely safe or quite safe from crime	87
	e. Neighborhood is slightly safe or not at all safe from crime	88
	f. Neighborhood is very pleasant or somewhat pleasant place to walk	89
	g. Neighborhood is not at all a pleasant place to walk	90
	h. Community has walking trails, parks, playgrounds or sports fields for physical activity	91
	i. Use walking trails, parks, playgrounds or sports fields for physical activity	92
	j. Do NOT use walking trails, parks, playgrounds or sports fields for physical activity	93
	k. Recreational centers in neighborhood are available to the community for public recreation activities	94
	l. Use any public recreation centers in your community for physical activity	95
	m. Do NOT use any public recreation centers in your community for physical activity	96
	n. Schools in neighborhood are open to the community for public recreation activities	97
	o. Use schools that are open in your community for public recreation activities	98
	p. Do NOT use schools that are open in your community for public recreation activities	99
Section 11	Summary of excess sun exposure	100
	a. Had any sunburn within the past year	101
	b. Had 1 sunburn within the past year	102
	c. Had 2 or more sunburns in the past year	103
Section 12	Summary of tobacco use	104
	a. Current smoker	105
	b. Former smoker	106
	c. Attempted to quit smoking in the past 12 months	107
Section 13	Home smoking exposure and policy	108
	a. Smoking is allowed inside household	109
	b. Smoking is allowed anywhere inside household	110
	c. Smoking is allowed some places inside household	111
	d. Smoking is not allowed anywhere inside household	112
	e. There are no rules about smoking inside household	113
Section 14	Summary of weight control and obesity	114
	a. Overweight ( $25 \leq \text{BMI} < 30$ )	115
	b. Obese ( $\text{BMI} \geq 30$ )	116



<b>IV</b>	<b>Summary of Cancer Screening and Prevalence</b>	117
	Section 15 Summary of prostate cancer screening	118
	a. Ever had PSA test	119
	b. PSA test in the past year	120
	c. Ever had digital rectal exam	121
	d. Digital rectal exam in the past year	122
	e. Diagnosed with prostate cancer	123
	Section 16 Summary of colorectal cancer screening	124
	a. Age 50+, ever had blood stool test	125
	b. Age 50+, blood stool test in the past year	126
	c. Age 50+, never had a home blood stool test	127
	d. Age 50+, no blood stool test in the past 5 years	128
	e. Age 50+, ever had colonoscopy/sigmoidoscopy	129
	f. Age 50+, had a colonoscopy/sigmoidoscopy in last 5 years	130
	g. Age 50+, no colonoscopy/sigmoidoscopy, past 1 year	131
	h. Age 50+, never had colonoscopy/sigmoidoscopy	132
	Section 17 Summary of cancer prevalence	133
	a. Ever told by a doctor have any type of cancer	134
	Lung cancer	135
	Skin cancer	136
	Breast cancer	137
	Ovarian or uterine cancer	138
	Prostate cancer	139
	Colon or rectal cancer	140
	Bladder cancer	141
	Other cancer (kidney, non-Hodgkin, other)	142
<b>V.</b>	<b>Health Conditions</b>	143
	Section 18 Summary of arthritis	143
	a. Had any symptoms of pain, aching, or stiffness in or around a joint (not including back or neck)	144
	b. Joints symptoms present most days for at least 1 month	145
	c. Ever told by doctor have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia	146
	Summary of Asthma	147
	Section 19 Summary of childhood asthma	148
	a. One or more children less than 5 years old living in household have ever been diagnosed with asthma	149
	b. One or more children than 5 years old living in household still have asthma	150
	c. One or more children between 5 and 17 years old living in household have ever been diagnosed with asthma	151
	d. One or more children between 5 and 17 years old living in household still have asthma	152
	e. One or more children age 17 or younger living in household have ever been diagnosed with asthma	153



	f. One or more children age 17 or younger living in household still have asthma	154
Section 20	Summary of adult asthma	155
	a. Told by doctor have asthma	156
	b. Still have asthma	157
	c. Told by doctor asthma was work related	158
Section 21	Summary of Diabetes	159-160
	a. Told by doctor have diabetes	161
	b. Diagnosed with diabetes at age 55 or older	162
	c. Currently taking insulin for diabetes	163
	d. Currently taking diabetes pills	164
	e. Have not seen a doctor in the past 12 months for diabetes	165
	f. Check blood glucose 1 or more times per day	166
	g. Number of A1C tests per year	
	Less than 1 per year	167
	1-2 per year	168
	More than 2 per year	169
	h. Annual comprehensive foot exam	170
	i. Check own feet for sores or irritations daily	171
	j. Ever had sores or irritations on feet that took more than 4 weeks to heal	172
	k. Annual dilated eye exams	
	Within the past year	173
	Over 1 year ago	174
	l. Told by doctor diabetes has affected eyes or have retinopathy	175
	m. Ever taken class to learn how to manage diabetes	176
Section 22	Summary of Osteoporosis	177-178
	a. Age 50+, counseled about the risks of osteoporosis in the past 12 months	179
	b. Age 50+, ever told by doctor have osteoporosis	180
	c. Age 50+, fallen in the last 12 months	181
	d. Age 50+, suffered from a fracture or broken bone in the last 2 years	182
<b>VI</b>	<b>Women's Health</b>	183
Section 23	Summary of clinical breast exam (CBE)	184
	a. Ever had a CBE	185
	b. Women (all ages) who had CBE in the past 1 year	186
	c. Women (age 50+) who had CBE in the past 1 year	187
	d. Women (age 50+) who had CBE in the past 1-2 years	188
	e. Women (age 50+) who had CBE 2 or more years ago	189
Section 24	Summary of Mammogram	190
	a. Ever had a mammogram	191
	b. Women (all ages) who had mammogram in the past 1 year	192
	c. Women (age 40+) who never had a mammogram	193
	d. Women (age 50+) who had mammogram in the past 1 year	194
	e. Women (age 50+) who had mammogram in the past 1-2 years	195

	f. Women (age 50+) who had mammogram 2 or more years ago	196
Section 25	Summary of no clinical breast exam and/or mammogram	197
	a. Women (all ages) who ever had either a CBE or a mammogram	198
	b. Women (all ages) who ever had either a CBE or a mammogram in the past 2 years	199
	c. Women (ages 40-49) who had either a CBE or a mammogram in the past 1 year	200
	d. Women (ages 50-64) who had either a CBE or a mammogram in the past 1 year	201
	e. Women (ages 65+) who had either a CBE or a mammogram in the past 1 year	202
Section 26	Summary of Pap Smears	203
	a. Women (all ages) who ever had a pap smear	204
	b. Women (all ages) who had a pap smear within the last 3 years	205
	c. Women (age 50+) who had a pap smear within the last 3 years	206
	d. Women (ages 18-69) who never had a pap smear	207
	e. Women (age 70+) who never had a pap smear	208
	f. Women (ages 18-29) who have not had a pap smear within the last 1 year	209
	g. Women (ages 30-69) who have not had a pap smear within the last 3 years	210
Section 27	Summary of women who have ever had a hysterectomy	211
	a. Women (all ages) who had a hysterectomy	212
<b>VII</b>	<b>Additional Topics</b>	213
Section 28	Summary of HIV/AIDS	213
	a. Beliefs about HIV/AIDS	
	Treatments are available to help a HIV infected person live longer	214
	Treatments are available to reduce the chances that a pregnant woman will pass the virus to her baby	215
	b. Talked with doctors about preventing STDs with condoms in the past 12 months	216
	c. People at risk for HIV	217
	d. Ever been tested for HIV	218
	e. One or more HIV tests in the past 12 months	219
	f. Tested for HIV in the last 3 years	220
	g. Main reason for last HIV test	
	Required	221
	Wanted to know HIV status	222
	Pregnant	223
	Checkup	224
	Other reason	225
	h. Place had last HIV test	
	Private doctor's office or HMO office	226
	Hospital or clinic	227
	Other	228

Section 29	Summary of family planning	229
	a. Doing anything to keep from getting pregnant	230
	b. Measures used to prevent pregnancy	
	Condom	231
	Pill	232
	Other form (includes: foam, jelly, cream, diaphragm, Norplant, IUD, shots, withdrawal, rhythm, not sexually active)	233
	Tubes tied	234
	Vasectomy	235
Section 30	Summary of firearms	236
	a. Any firearms in or around the home	237
	b. Firearms loaded and unlocked at home	238
Section 31	Summary of veteran's status	239
	a. Ever served on active duty in the United States Armed Forces	240
	b. Currently on active duty or in a National Guard or Reserve Unit	241
	c. Received some or all health care from VA facilities in the last 12 months	242

# INTRODUCTION

## ABOUT THIS REPORT

This report summarizes data from the 2004 Missouri Behavioral Risk Factor Surveillance System on health risk behaviors such as smoking, physical activity, and screenings, and chronic health conditions such as diabetes, asthma, and obesity. The data presented in this report represents the knowledge, perceptions and health status of Missouri's adult population. Although there have been some improvements in health of adult Missourians, there continues to be public health challenges that face the state. The Missouri Department of Health and Senior Services (DHSS) strives to protect and promote the health of all Missourians, at every stage of life.

## WHAT IS THE BRFSS?

The Behavioral Risk Factor Surveillance System (BRFSS), established in 1984 by the Centers for Disease Control and Prevention (CDC), is an on-going surveillance system that is conducted in all 50 states and the three territories of the United States. The BRFSS collects data on health risk behaviors on a monthly basis among adults, 18 years or older, residing in households with a telephone. Individuals are contacted randomly through a random digit-dialing technique.

The BRFSS contains three sections in the questionnaire: core, optional modules, and state-added questions. The core questions are a set of questions developed by CDC that must be asked by each state. The core questions allow comparisons across states. States can elect to use the optional module questions but without any modification to the question. The state-added questions are determined by each state based on specific needs.

The data acquired from the BRFSS is used to estimate the prevalence of health risk behaviors and the burden of chronic diseases. The data is also used to monitor trends and evaluate public health programs and policies. More information on the BRFSS can be found at: <http://www.cdc.gov/brfss/> and on the Missouri BRFSS site at: <http://www.dhss.mo.gov/BRFSS>.

## ANALYSIS OF DATA

The data presented in this report may also be found on the Missouri Information for Community Assessment (MICA) website, which is a computerized tool that allows BRFSS data to be further analyzed, such as creating trend lines. The system may be found at: (<http://www.dhss.mo.gov/MICA>).

This report presents the weighted prevalence estimates and 95% confidence intervals for each topic generated using SAS statistical software. Prevalence estimates and confidence intervals were produced for the selected indicators and cross-tabulated by socio-demographic factors of gender, race, age, income, and education.

## Definitions

**Prevalence:** The proportion (usually a percentage) of a population that has a defined risk factor, disease, or condition at a particular point in time. **Crude prevalence** is prevalence without age adjustment.

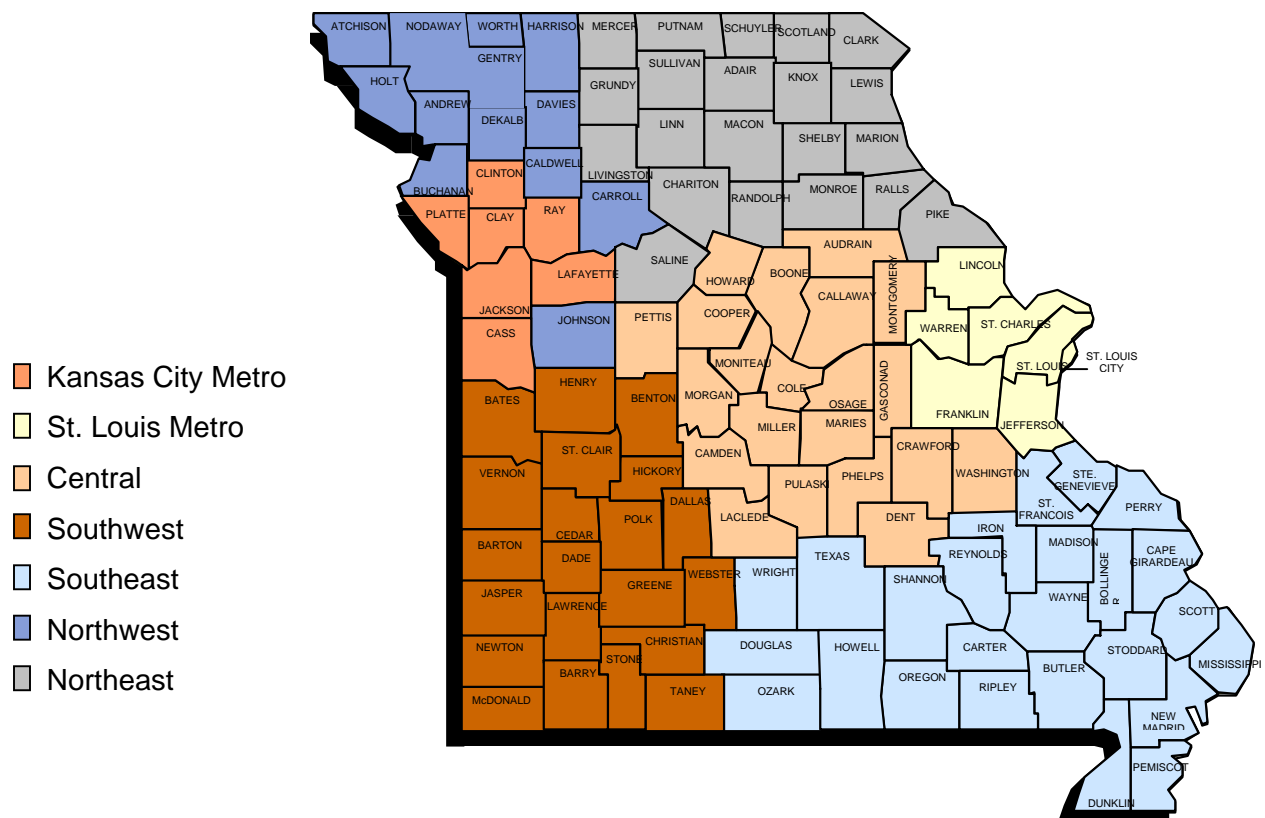
**Age adjustment:** A technique used to compare prevalence of populations when the ages are quite different. **Age-adjusted prevalence** is calculated by weighting the age-specific prevalence for a given year by the age distribution of a standard population (i.e. the 2000 US Standard Population).

**95% Confidence Intervals (CI)** – The range of values for which there is 95% confidence that the true value falls within the range, which is reported as lower confidence interval (LCI) and upper confidence interval (UCI).

## REGIONAL DATA FOR MISSOURI

Missouri is comprised of 114 counties and the City of St. Louis. The sample size from each county, on an annual basis, is too small to make conclusive estimates by county. Therefore, the counties and St. Louis are clustered into the following seven geographical BRFSS regions to examine sub-state level results: Kansas City Metro, St. Louis Metro, Central, Southwest, Southeast, Northwest, and Northeast.

Map of Missouri's BRFSS Regions



# DEMOGRAPHICS OF MISSOURI BRFSS RESPONDENTS

In 2004, there were a total of 4,923 respondents. The majority of the respondents were female (52.1%), white (85.2%), married (60.3%), and employed (53.3%). The distribution of this sample by age, race, education level, marital status, employment, and income are presented below.

**Distribution of economic and demographic characteristics of Missouri adult respondents, BRFSS 2004**

<b>Characteristic</b>	<b>UNWEIGHTED SAMPLE SIZE N</b>	<b>WEIGHTED PERCENT %</b>
OVERALL	4923	100
<b>GENDER</b>		
MALE	1971	47.9
FEMALE	2952	52.1
<b>AGE GROUP</b>		
18-24	321	13.2
25-34	681	17.0
35-44	857	20.0
45-54	938	18.7
55-64	829	13.3
65 AND OLDER	1297	17.8
<b>RACE/ETHNICITY</b>		
WHITE	4248	85.2
BLACK	341	7.9
HISPANIC	99	2.5
OTHER	196	4.5
<b>EDUCATION</b>		
LESS THAN HIGH SCHOOL	595	11.1
HIGH SCHOOL	1817	35.0
COLLEGE 1-3 YEARS	1196	25.1
COLLEGE GRADUATE	1301	28.8
<b>MARITAL STATUS</b>		
SINGLE	673	17.7
MARRIED	2665	60.3
DIVORCED, WIDOWED, SEPARATED	1476	19.3
UNMARRIED COUPLE	103	2.8
<b>HOUSEHOLD INCOME</b>		
<\$15,000	640	10.9
\$15-24,999	918	18.8
\$25-34,999	685	13.7
\$35-49,999	797	19.1
\$50,000 AND OVER	1313	37.5
<b>EMPLOYMENT</b>		
EMPLOYED	2724	61.5
UNEMPLOYED	190	4.4
UNABLE TO WORK	343	5.6
HOMEMAKER	383	7.4
STUDENT	112	4.0
RETIRED	1164	17.1

## I OVERALL HEALTH MEASURES

### *Description of BRFSS questions regarding Overall Health Measures:*

#### ***General Health Status –***

All respondents were asked to describe their overall health status as excellent, very good, good, fair, or poor.

#### ***Physical Health –***

All respondents were asked on how many days in the previous month their physical health had not been good.

#### ***Mental Health –***

All respondents were asked on how many days in the previous month their mental health had not been good.

#### ***Limitations due to Poor Health –***

All respondents were asked on how many days in the previous month their physical or mental health limited their daily activities.

#### ***Disability Status –***

All respondents were also asked about their disability status. Specifically, were they limited in any way due to physical, mental, or emotional problems and if their needs required special equipment.



## SECTION 1. SELF-REPORTED GENERAL, PHYSICAL, AND MENTAL HEALTH STATUS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding General Health Status:*

All respondents were asked to describe their overall health status as excellent, very good, good, fair, or poor.

### *Summary of General Health Status:*

In 2004, when asked to describe their health status, 35% and 19% of Missourians reported being in very good or excellent health as compared to only 5% and 11% in poor or fair health, respectively. There were comparable results for men and women and only slight differences by region and race. Higher income and education levels were positively associated with higher health status ratings. See the tables below for more detailed information on Overall Health Status reporting in Missouri by region, gender, race, education and income.

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004  
POOR GENERAL HEALTH**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4916	0.0493	0.0424 - 0.0562	0.0477	0.0412 - 0.0542
<b>REGION</b>					
Central	606	0.053	0.0326 - 0.0734	0.0536	0.0338 - 0.0734
Kansas City	951	0.0486	0.0327 - 0.0645	0.0484	0.0332 - 0.0637
Northeast	610	0.0595	0.0395 - 0.0795	0.0559	0.0361 - 0.0757
Northwest	611	0.0621	0.039 - 0.0852	0.0602	0.0382 - 0.0821
Southeast	606	0.106	0.0797 - 0.1323	0.0986	0.0741 - 0.1231
Southwest	604	0.0558	0.0376 - 0.074	0.0508	0.0349 - 0.0667
St. Louis	928	0.0271	0.0165 - 0.0377	0.0264	0.0162 - 0.0366
<b>GENDER</b>					
Female	2945	0.0505	0.0413 - 0.0597	0.047	0.0385 - 0.0554
Male	1971	0.048	0.038 - 0.058	0.0488	0.0388 - 0.0588
<b>RACE</b>					
Black	341	0.0844	0.0493 - 0.1195	0.0905	0.0542 - 0.1267
Other	295	0.0595	0.0305 - 0.0885	0.0766	0.0421 - 0.1111
White	4242	0.0447	0.0378 - 0.0516	0.042	0.0357 - 0.0483
<b>EDUCATION</b>					
< HS	595	0.1464	0.1133 - 0.1795	0.1371	0.1046 - 0.1697
HS	1814	0.0503	0.0389 - 0.0617	0.0467	0.0361 - 0.0572
> HS	2494	0.0287	0.0213 - 0.0361	0.0309	0.0231 - 0.0387
<b>INCOME</b>					
<\$15,000	638	0.1835	0.1453 - 0.2217	0.1833	0.1488 - 0.2178
\$15-24,999	916	0.0814	0.0594 - 0.1034	0.0776	0.0553 - 0.1
\$25-34,999	685	0.0221	0.0103 - 0.0339	0.0218	0.0098 - 0.0337
\$35-49,999	797	0.0265	0.0138 - 0.0392	0.0307	0.016 - 0.0454
\$50-74,999	696	0.0154	0.0036 - 0.0272	0.02	0.0049 - 0.0351
\$75,000+	617	0.0057	0.001 - 0.0104	0.0144	0.0024 - 0.0263

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004  
POOR/FAIR GENERAL HEALTH**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4916	0.1578	0.1456 - 0.17	0.1547	0.1432 - 0.1663
<b>REGION</b>					
Central	606	0.2036	0.1668 - 0.2404	0.2048	0.1699 - 0.2397
Kansas City	951	0.1466	0.1211 - 0.1721	0.1466	0.1222 - 0.1709
Northeast	610	0.2	0.1643 - 0.2357	0.1921	0.1578 - 0.2264
Northwest	611	0.1925	0.156 - 0.229	0.1922	0.1565 - 0.2279
Southeast	606	0.2372	0.2004 - 0.274	0.2231	0.1897 - 0.2564
Southwest	604	0.1593	0.1281 - 0.1905	0.1505	0.1219 - 0.1792
St. Louis	928	0.1165	0.0944 - 0.1386	0.1156	0.0943 - 0.137
<b>GENDER</b>					
Female	2945	0.1685	0.1518 - 0.1852	0.1601	0.1445 - 0.1758
Male	1971	0.1463	0.1285 - 0.1641	0.1493	0.1319 - 0.1668
<b>RACE</b>					
Black	341	0.1741	0.1275 - 0.2207	0.1892	0.1427 - 0.2356
Other	295	0.1752	0.1233 - 0.2271	0.2036	0.1503 - 0.2569
White	4242	0.1541	0.1412 - 0.167	0.1479	0.1356 - 0.1603
<b>EDUCATION</b>					
< HS	595	0.3772	0.3235 - 0.4309	0.3533	0.2986 - 0.408
HS	1814	0.1767	0.1557 - 0.1977	0.1692	0.1488 - 0.1895
> HS	2494	0.1002	0.0861 - 0.1143	0.105	0.0907 - 0.1193
<b>INCOME</b>					
<\$15,000	638	0.4117	0.359 - 0.4644	0.4231	0.3711 - 0.475
\$15-24,999	916	0.2617	0.2262 - 0.2972	0.2512	0.2157 - 0.2867
\$25-34,999	685	0.138	0.1068 - 0.1692	0.1338	0.1026 - 0.165
\$35-49,999	797	0.113	0.0865 - 0.1395	0.1205	0.0931 - 0.1479
\$50-74,999	696	0.0784	0.0537 - 0.1031	0.0951	0.0616 - 0.1286
\$75,000+	617	0.041	0.0232 - 0.0588	0.0527	0.0308 - 0.0747

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004**  
**FAIR GENERAL HEALTH**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4916	0.1086	0.0982 - 0.119	0.107	0.0968 - 0.1172
<b>REGION</b>					
Central	606	0.1506	0.1181 - 0.1831	0.1512	0.1197 - 0.1828
Kansas City	951	0.0979	0.0767 - 0.1191	0.0981	0.0773 - 0.1189
Northeast	610	0.1405	0.1097 - 0.1713	0.1363	0.1061 - 0.1665
Northwest	611	0.1304	0.1006 - 0.1602	0.132	0.1018 - 0.1622
Southeast	606	0.1312	0.1028 - 0.1596	0.1245	0.0975 - 0.1515
Southwest	604	0.1035	0.0772 - 0.1298	0.0997	0.0743 - 0.1252
St. Louis	928	0.0894	0.0696 - 0.1092	0.0892	0.0698 - 0.1086
<b>GENDER</b>					
Female	2945	0.118	0.1037 - 0.1323	0.1132	0.0991 - 0.1273
Male	1971	0.0983	0.0832 - 0.1134	0.1005	0.0856 - 0.1154
<b>RACE</b>					
Black	341	0.0898	0.0573 - 0.1223	0.0987	0.064 - 0.1334
Other	295	0.1157	0.0712 - 0.1602	0.127	0.0817 - 0.1723
White	4242	0.1095	0.0981 - 0.1209	0.1059	0.0949 - 0.1169
<b>EDUCATION</b>					
< HS	595	0.2307	0.1864 - 0.275	0.2162	0.1687 - 0.2636
HS	1814	0.1264	0.1082 - 0.1446	0.1225	0.1045 - 0.1405
> HS	2494	0.0715	0.0593 - 0.0837	0.0741	0.0618 - 0.0865
<b>INCOME</b>					
<\$15,000	638	0.2282	0.1843 - 0.2721	0.2398	0.1906 - 0.289
\$15-24,999	916	0.1803	0.1501 - 0.2105	0.1736	0.1422 - 0.2049
\$25-34,999	685	0.1159	0.0867 - 0.1451	0.112	0.0826 - 0.1414
\$35-49,999	797	0.0865	0.0628 - 0.1102	0.0898	0.0651 - 0.1145
\$50-74,999	696	0.0629	0.0409 - 0.0849	0.0751	0.0439 - 0.1062
\$75,000+	617	0.0352	0.0181 - 0.0523	0.0383	0.0197 - 0.0569

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004**  
**GOOD GENERAL HEALTH**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4916	0.3018	0.2838 - 0.3198	0.3006	0.2826 - 0.3187
<b>REGION</b>					
Central	606	0.3075	0.2612 - 0.3538	0.3084	0.2638 - 0.3531
Kansas City	951	0.2971	0.2628 - 0.3314	0.2949	0.2609 - 0.3288
Northeast	610	0.3133	0.2661 - 0.3605	0.3077	0.2601 - 0.3553
Northwest	611	0.2637	0.2149 - 0.3125	0.2579	0.2117 - 0.3042
Southeast	606	0.3243	0.28 - 0.3686	0.3231	0.2778 - 0.3684
Southwest	604	0.3153	0.2714 - 0.3592	0.3195	0.2748 - 0.3642
St. Louis	928	0.2936	0.2556 - 0.3316	0.2899	0.2529 - 0.327
<b>GENDER</b>					
Female	2945	0.2854	0.2633 - 0.3075	0.2837	0.2612 - 0.3062
Male	1971	0.3197	0.2909 - 0.3485	0.3193	0.2908 - 0.3477
<b>RACE</b>					
Black	341	0.4413	0.3705 - 0.5121	0.4394	0.3724 - 0.5064
Other	295	0.3033	0.228 - 0.3786	0.3056	0.2358 - 0.3754
White	4242	0.2867	0.2677 - 0.3057	0.2847	0.2657 - 0.3037
<b>EDUCATION</b>					
< HS	595	0.3445	0.2824 - 0.4066	0.355	0.2882 - 0.4218
HS	1814	0.3434	0.3128 - 0.374	0.3439	0.3125 - 0.3752
> HS	2494	0.266	0.2427 - 0.2893	0.264	0.2412 - 0.2867
<b>INCOME</b>					
<\$15,000	638	0.256	0.2107 - 0.3013	0.2512	0.2053 - 0.2971
\$15-24,999	916	0.3385	0.2977 - 0.3793	0.3558	0.3123 - 0.3993
\$25-34,999	685	0.3369	0.2855 - 0.3883	0.3383	0.2862 - 0.3905
\$35-49,999	797	0.309	0.2665 - 0.3515	0.3032	0.2631 - 0.3434
\$50-74,999	696	0.293	0.2452 - 0.3408	0.2917	0.2441 - 0.3393
\$75,000+	617	0.2356	0.1901 - 0.2811	0.239	0.1923 - 0.2856

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004**  
**VERY GOOD GENERAL HEALTH**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4916	0.3472	0.3284 - 0.366	0.3491	0.3305 - 0.3677
<b>REGION</b>					
Central	606	0.2983	0.2552 - 0.3414	0.2971	0.2548 - 0.3395
Kansas City	951	0.3562	0.3197 - 0.3927	0.3575	0.321 - 0.3939
Northeast	610	0.3166	0.2709 - 0.3623	0.3219	0.2743 - 0.3695
Northwest	611	0.3892	0.3406 - 0.4378	0.3903	0.3427 - 0.4379
Southeast	606	0.2767	0.2348 - 0.3186	0.2873	0.2434 - 0.3312
Southwest	604	0.3511	0.3076 - 0.3946	0.3492	0.3053 - 0.3931
St. Louis	928	0.3755	0.3351 - 0.4159	0.3789	0.3389 - 0.4188
<b>GENDER</b>					
Female	2945	0.3496	0.3255 - 0.3737	0.3532	0.3286 - 0.3779
Male	1971	0.3445	0.3155 - 0.3735	0.3438	0.3156 - 0.372
<b>RACE</b>					
Black	341	0.2475	0.1887 - 0.3063	0.2436	0.1873 - 0.2998
Other	295	0.307	0.2343 - 0.3797	0.2876	0.2204 - 0.3549
White	4242	0.3615	0.3409 - 0.3821	0.3654	0.3448 - 0.386
<b>EDUCATION</b>					
< HS	595	0.1809	0.1335 - 0.2283	0.1761	0.1287 - 0.2235
HS	1814	0.3442	0.3124 - 0.376	0.3486	0.3162 - 0.3809
> HS	2494	0.3834	0.3575 - 0.4093	0.3837	0.3582 - 0.4091
<b>INCOME</b>					
<\$15,000	638	0.2337	0.1788 - 0.2886	0.2244	0.1791 - 0.2696
\$15-24,999	916	0.2705	0.2309 - 0.3101	0.2599	0.2209 - 0.2989
\$25-34,999	685	0.3588	0.308 - 0.4096	0.3635	0.3127 - 0.4142
\$35-49,999	797	0.3785	0.3336 - 0.4234	0.3783	0.3332 - 0.4234
\$50-74,999	696	0.4066	0.3574 - 0.4558	0.4012	0.3498 - 0.4525
\$75,000+	617	0.4062	0.3558 - 0.4566	0.4008	0.3461 - 0.4555

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004**  
**EXCELLENT GENERAL HEALTH**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4916	0.1932	0.1771 - 0.2093	0.1956	0.1795 - 0.2116
<b>REGION</b>					
Central	606	0.1905	0.1495 - 0.2315	0.1896	0.151 - 0.2282
Kansas City	951	0.2002	0.1696 - 0.2308	0.2011	0.1703 - 0.2319
Northeast	610	0.17	0.1243 - 0.2157	0.1782	0.1355 - 0.221
Northwest	611	0.1546	0.1191 - 0.1901	0.1596	0.1247 - 0.1945
Southeast	606	0.1618	0.1232 - 0.2004	0.1665	0.1265 - 0.2065
Southwest	604	0.1744	0.1385 - 0.2103	0.1808	0.1441 - 0.2174
St. Louis	928	0.2143	0.18 - 0.2486	0.2156	0.1811 - 0.2501
<b>GENDER</b>					
Female	2945	0.1965	0.1757 - 0.2173	0.2029	0.1816 - 0.2243
Male	1971	0.1895	0.165 - 0.214	0.1876	0.1635 - 0.2117
<b>RACE</b>					
Black	341	0.1371	0.0883 - 0.1859	0.1279	0.0855 - 0.1702
Other	295	0.2146	0.1505 - 0.2787	0.2032	0.144 - 0.2624
White	4242	0.1976	0.18 - 0.2152	0.2019	0.1839 - 0.22
<b>EDUCATION</b>					
< HS	595	0.0974	0.0592 - 0.1356	0.1156	0.0701 - 0.1611
HS	1814	0.1357	0.1128 - 0.1586	0.1384	0.1149 - 0.1619
> HS	2494	0.2504	0.2265 - 0.2743	0.2474	0.2236 - 0.2711
<b>INCOME</b>					
<\$15,000	638	0.0987	0.0648 - 0.1326	0.1014	0.0632 - 0.1396
\$15-24,999	916	0.1293	0.0979 - 0.1607	0.1332	0.1014 - 0.1649
\$25-34,999	685	0.1664	0.1266 - 0.2062	0.1644	0.1258 - 0.203
\$35-49,999	797	0.1996	0.1624 - 0.2368	0.198	0.1617 - 0.2342
\$50-74,999	696	0.222	0.1797 - 0.2643	0.212	0.1689 - 0.2551
\$75,000+	617	0.3173	0.2675 - 0.3671	0.3075	0.2567 - 0.3582



## SECTION 1. SELF-REPORTED GENERAL, PHYSICAL, AND MENTAL HEALTH STATUS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Physical Health:*

All respondents were asked on how many days in the previous month their physical health had not been good. In this analysis percentages were reported for 0 days, 1 day, and 2 or more days in which their physical health had not been good. Physical health was defined to include physical illness and injury.

### *Summary of Physical Health:*

In 2004, 65% of Missourians reported having no poor physical health days in the prior 30 days; while 5% reported having 1 poor physical health day and 30% reported having two or more poor physical health days in the prior 30 days. Gender differences also existed across the state. Fewer men (27%) reported having two or more poor physical health days in the prior 30 days as compared to women (32%). Race yielded similar percentages in responding. Respondents with lower education and income were more likely to report experience 2 or more poor physical health days in the prior month. See the tables below for more detailed information on Physical Health Status reporting in Missouri by region, gender, race, education and income.

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004**  
**PHYSICAL HEALTH WAS POOR 0 DAYS OUT OF THE PAST 30 DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4864	0.6547	0.6365 - 0.6729	0.6543	0.6359 - 0.6727
<b>REGION</b>					
Central	601	0.6213	0.5739 - 0.6687	0.6232	0.5773 - 0.6691
Kansas City	937	0.6599	0.6238 - 0.696	0.6582	0.6219 - 0.6945
Northeast	605	0.638	0.5912 - 0.6848	0.6392	0.592 - 0.6865
Northwest	603	0.6737	0.6271 - 0.7203	0.6766	0.632 - 0.7213
Southeast	599	0.5865	0.5406 - 0.6324	0.5915	0.5454 - 0.6375
Southwest	600	0.6532	0.6091 - 0.6973	0.6534	0.6095 - 0.6973
St. Louis	919	0.6827	0.6447 - 0.7207	0.6823	0.6445 - 0.7202
<b>GENDER</b>					
Female	2913	0.6231	0.5992 - 0.647	0.6249	0.601 - 0.6488
Male	1951	0.689	0.661 - 0.717	0.6879	0.66 - 0.7157
<b>RACE</b>					
Black	336	0.7158	0.6568 - 0.7748	0.6963	0.64 - 0.7525
Other	292	0.6665	0.5946 - 0.7384	0.654	0.5856 - 0.7224
White	4199	0.6493	0.6293 - 0.6693	0.6491	0.6289 - 0.6692
<b>EDUCATION</b>					
< HS	575	0.5514	0.4914 - 0.6114	0.5468	0.4823 - 0.6112
HS	1796	0.6616	0.6314 - 0.6918	0.6651	0.6341 - 0.696
> HS	2481	0.6708	0.6459 - 0.6957	0.6705	0.6456 - 0.6954
<b>INCOME</b>					
<\$15,000	629	0.4591	0.403 - 0.5152	0.4548	0.3994 - 0.5103
\$15-24,999	904	0.5889	0.5464 - 0.6314	0.5883	0.5448 - 0.6318
\$25-34,999	678	0.67	0.62 - 0.72	0.6711	0.6213 - 0.7209
\$35-49,999	790	0.6605	0.6166 - 0.7044	0.6589	0.6146 - 0.7032
\$50-74,999	693	0.6765	0.6297 - 0.7233	0.6756	0.6252 - 0.726
\$75,000+	613	0.7508	0.7043 - 0.7973	0.7449	0.6973 - 0.7925

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004**  
**PHYSICAL HEALTH WAS POOR 1 DAY OUT OF THE PAST 30 DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4864	0.048	0.0396 - 0.0564	0.048	0.0395 - 0.0564
<b>REGION</b>					
Central	601	0.0606	0.0312 - 0.09	0.0579	0.0326 - 0.0832
Kansas City	937	0.0519	0.0352 - 0.0686	0.0514	0.0349 - 0.0678
Northeast	605	0.0404	0.0202 - 0.0606	0.043	0.0216 - 0.0644
Northwest	603	0.0457	0.0224 - 0.069	0.0448	0.0242 - 0.0654
Southeast	599	0.0636	0.0409 - 0.0863	0.0686	0.0443 - 0.0929
Southwest	600	0.0385	0.0203 - 0.0567	0.0397	0.0213 - 0.0582
St. Louis	919	0.0425	0.026 - 0.059	0.0414	0.0247 - 0.0581
<b>GENDER</b>					
Female	2913	0.0524	0.0416 - 0.0632	0.0531	0.0421 - 0.0641
Male	1951	0.0431	0.03 - 0.0562	0.0425	0.03 - 0.0551
<b>RACE</b>					
Black	336	0.0294	0.0092 - 0.0496	0.0325	0.0093 - 0.0556
Other	292	0.0379	0.0052 - 0.0706	0.0328	0.0055 - 0.06
White	4199	0.0509	0.0415 - 0.0603	0.0516	0.042 - 0.0612
<b>EDUCATION</b>					
< HS	575	0.0287	0.0046 - 0.0528	0.0261	0.0071 - 0.0451
HS	1796	0.0295	0.0183 - 0.0407	0.0282	0.0175 - 0.039
> HS	2481	0.0639	0.051 - 0.0768	0.063	0.0503 - 0.0758
<b>INCOME</b>					
<\$15,000	629	0.0323	0.0119 - 0.0527	0.0254	0.0101 - 0.0407
\$15-24,999	904	0.0376	0.0176 - 0.0576	0.0399	0.0204 - 0.0593
\$25-34,999	678	0.0318	0.0151 - 0.0485	0.0327	0.0157 - 0.0498
\$35-49,999	790	0.0766	0.0503 - 0.1029	0.078	0.0506 - 0.1055
\$50-74,999	693	0.058	0.0364 - 0.0796	0.0501	0.0307 - 0.0695
\$75,000+	613	0.0563	0.0336 - 0.079	0.061	0.034 - 0.0881

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004  
PHYSICAL HEALTH WAS POOR 2+ DAYS OUT OF THE PAST 30 DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4864	0.2973	0.2799 - 0.3147	0.2977	0.2803 - 0.3152
<b>REGION</b>					
Central	601	0.3181	0.274 - 0.3622	0.3189	0.276 - 0.3618
Kansas City	937	0.2882	0.2537 - 0.3227	0.2904	0.2558 - 0.3251
Northeast	605	0.3215	0.2766 - 0.3664	0.3178	0.2733 - 0.3623
Northwest	603	0.2806	0.2367 - 0.3245	0.2785	0.2364 - 0.3207
Southeast	599	0.3499	0.306 - 0.3938	0.34	0.2964 - 0.3835
Southwest	600	0.3083	0.2654 - 0.3512	0.3068	0.2647 - 0.349
St. Louis	919	0.2748	0.2385 - 0.3111	0.2763	0.2404 - 0.3121
<b>GENDER</b>					
Female	2913	0.3245	0.3016 - 0.3474	0.322	0.2989 - 0.3451
Male	1951	0.2678	0.2413 - 0.2943	0.2696	0.2431 - 0.2961
<b>RACE</b>					
Black	336	0.2548	0.1982 - 0.3114	0.2713	0.2168 - 0.3258
Other	292	0.2955	0.2271 - 0.3639	0.3132	0.2476 - 0.3789
White	4199	0.2998	0.2808 - 0.3188	0.2993	0.2801 - 0.3185
<b>EDUCATION</b>					
< HS	575	0.4199	0.3613 - 0.4785	0.4272	0.3642 - 0.4901
HS	1796	0.3089	0.2797 - 0.3381	0.3067	0.2767 - 0.3367
> HS	2481	0.2652	0.2419 - 0.2885	0.2664	0.2431 - 0.2897
<b>INCOME</b>					
<\$15,000	629	0.5086	0.4527 - 0.5645	0.5198	0.4647 - 0.5748
\$15-24,999	904	0.3735	0.3323 - 0.4147	0.3718	0.3295 - 0.4142
\$25-34,999	678	0.2981	0.2491 - 0.3471	0.2962	0.2472 - 0.3452
\$35-49,999	790	0.2629	0.2225 - 0.3033	0.263	0.2225 - 0.3036
\$50-74,999	693	0.2655	0.2208 - 0.3102	0.2743	0.2255 - 0.3231
\$75,000+	613	0.1928	0.1495 - 0.2361	0.1941	0.1519 - 0.2362

## SECTION 1. SELF-REPORTED GENERAL, PHYSICAL, AND MENTAL HEALTH STATUS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Mental Health:*

All respondents were asked on how many days in the previous month their mental health had not been good. In this analysis percentages were reported for 0 days, 1 day, and 2 or more days in which their mental health had not been good. Poor mental health was defined to include stress, depression, and problems with emotions.

### *Summary of Mental Health:*

In 2004, 68% of Missourians reported having no poor mental health days in the prior 30 days; while 3% reported having 1 poor mental health day and 30% reported having two or more poor mental health days in the prior 30 days. Similar to physical health, fewer men (22%) reported having two or more poor mental health days than did women (36%). Respondents with lower income were more likely to report poor mental health. See the tables below for more detailed information on Mental Health Status reporting in Missouri by region, gender, race, education and income.

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004**  
**MENTAL HEALTH WAS POOR 0 DAYS OUT OF THE PAST 30 DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4866	0.6753	0.6571 - 0.6935	0.6731	0.6549 - 0.6913
<b>REGION</b>					
Central	600	0.6916	0.6473 - 0.7359	0.6899	0.6464 - 0.7334
Kansas City	944	0.6725	0.6364 - 0.7086	0.673	0.6367 - 0.7092
Northeast	604	0.6917	0.6425 - 0.7409	0.6864	0.6385 - 0.7342
Northwest	604	0.7125	0.668 - 0.757	0.7153	0.6721 - 0.7584
Southeast	597	0.6821	0.637 - 0.7272	0.6736	0.6271 - 0.72
Southwest	594	0.6606	0.6163 - 0.7049	0.655	0.6105 - 0.6995
St. Louis	923	0.6693	0.6309 - 0.7077	0.6667	0.6285 - 0.705
<b>GENDER</b>					
Female	2914	0.602	0.5771 - 0.6269	0.5934	0.5683 - 0.6185
Male	1952	0.7548	0.7291 - 0.7805	0.7564	0.7313 - 0.7815
<b>RACE</b>					
Black	335	0.6732	0.6089 - 0.7375	0.6745	0.6132 - 0.7359
Other	293	0.6617	0.5878 - 0.7356	0.6747	0.6065 - 0.7429
White	4200	0.676	0.6562 - 0.6958	0.6711	0.6511 - 0.6911
<b>EDUCATION</b>					
< HS	583	0.6119	0.5529 - 0.6709	0.5618	0.5016 - 0.6219
HS	1790	0.6877	0.6577 - 0.7177	0.6809	0.65 - 0.7119
> HS	2480	0.6799	0.655 - 0.7048	0.6846	0.6603 - 0.7089
<b>INCOME</b>					
<\$15,000	628	0.4801	0.4244 - 0.5358	0.4511	0.3963 - 0.506
\$15-24,999	904	0.6124	0.5689 - 0.6559	0.5768	0.5319 - 0.6216
\$25-34,999	678	0.666	0.615 - 0.717	0.6516	0.6 - 0.7031
\$35-49,999	791	0.6809	0.6374 - 0.7244	0.69	0.6473 - 0.7328
\$50-74,999	693	0.7217	0.679 - 0.7644	0.7433	0.7006 - 0.786
\$75,000+	614	0.744	0.6987 - 0.7893	0.7435	0.6984 - 0.7886

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004  
MENTAL HEALTH WAS POOR 1 DAY OUT OF THE PAST 30 DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4866	0.0292	0.0231 - 0.0353	0.0297	0.0234 - 0.036
<b>REGION</b>					
Central	600	0.0222	0.0095 - 0.0349	0.0218	0.0094 - 0.0341
Kansas City	944	0.0357	0.0222 - 0.0492	0.0357	0.022 - 0.0494
Northeast	604	0.0133	0.0033 - 0.0233	0.0124	0.003 - 0.0218
Northwest	604	0.0212	0.0075 - 0.0349	0.0206	0.0076 - 0.0335
Southeast	597	0.0389	0.0187 - 0.0591	0.0407	0.0193 - 0.0621
Southwest	594	0.0155	0.0053 - 0.0257	0.0169	0.0057 - 0.028
St. Louis	923	0.034	0.0211 - 0.0469	0.0342	0.0212 - 0.0471
<b>GENDER</b>					
Female	2914	0.0366	0.0272 - 0.046	0.0376	0.0278 - 0.0474
Male	1952	0.0211	0.0137 - 0.0285	0.0211	0.0136 - 0.0285
<b>RACE</b>					
Black	335	0.0411	0.0119 - 0.0703	0.0386	0.0114 - 0.0659
Other	293	0.0225	0.0023 - 0.0427	0.0254	0.0032 - 0.0475
White	4200	0.0288	0.0223 - 0.0353	0.0297	0.023 - 0.0363
<b>EDUCATION</b>					
< HS	583	0.0327	0.01 - 0.0554	0.0363	0.0104 - 0.0622
HS	1790	0.0233	0.0143 - 0.0323	0.0236	0.0141 - 0.033
> HS	2480	0.0324	0.024 - 0.0408	0.0319	0.0237 - 0.0401
<b>INCOME</b>					
<\$15,000	628	0.0245	0.0071 - 0.0419	0.0244	0.0068 - 0.0421
\$15-24,999	904	0.0212	0.0087 - 0.0337	0.0214	0.0085 - 0.0344
\$25-34,999	678	0.0304	0.0133 - 0.0475	0.0331	0.0149 - 0.0513
\$35-49,999	791	0.0333	0.0174 - 0.0492	0.0309	0.0162 - 0.0456
\$50-74,999	693	0.0287	0.0144 - 0.043	0.0282	0.0141 - 0.0423
\$75,000+	614	0.0353	0.0186 - 0.052	0.0324	0.0166 - 0.0483



OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004					
MENTAL HEALTH WAS POOR 2+ DAYS OUT OF THE PAST 30 DAYS					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4866	0.2955	0.2777 - 0.3133	0.2972	0.2794 - 0.3151
REGION					
Central	600	0.2862	0.2427 - 0.3297	0.2884	0.2456 - 0.3311
Kansas City	944	0.2918	0.2565 - 0.3271	0.2914	0.2559 - 0.3268
Northeast	604	0.2949	0.2459 - 0.3439	0.3012	0.2534 - 0.3491
Northwest	604	0.2663	0.223 - 0.3096	0.2642	0.2222 - 0.3061
Southeast	597	0.279	0.2357 - 0.3223	0.2857	0.2412 - 0.3302
Southwest	594	0.3239	0.28 - 0.3678	0.3281	0.2842 - 0.372
St. Louis	923	0.2968	0.2592 - 0.3344	0.2991	0.2619 - 0.3363
GENDER					
Female	2914	0.3614	0.3369 - 0.3859	0.3689	0.3442 - 0.3936
Male	1952	0.2241	0.199 - 0.2492	0.2225	0.198 - 0.247
RACE					
Black	335	0.2857	0.2247 - 0.3467	0.2868	0.2284 - 0.3452
Other	293	0.3158	0.2431 - 0.3885	0.3	0.2331 - 0.3668
White	4200	0.2952	0.2758 - 0.3146	0.2992	0.2796 - 0.3188
EDUCATION					
< HS	583	0.3554	0.2978 - 0.413	0.4019	0.3394 - 0.4644
HS	1790	0.289	0.2594 - 0.3186	0.2955	0.2651 - 0.3259
> HS	2480	0.2877	0.2634 - 0.312	0.2835	0.2598 - 0.3072
INCOME					
<\$15,000	628	0.4954	0.4391 - 0.5517	0.5244	0.4692 - 0.5797
\$15-24,999	904	0.3664	0.3231 - 0.4097	0.4018	0.3567 - 0.4469
\$25-34,999	678	0.3036	0.2536 - 0.3536	0.3153	0.2648 - 0.3659
\$35-49,999	791	0.2858	0.2435 - 0.3281	0.279	0.2371 - 0.321
\$50-74,999	693	0.2496	0.2084 - 0.2908	0.2285	0.1871 - 0.2699
\$75,000+	614	0.2207	0.1772 - 0.2642	0.2241	0.1804 - 0.2678

## SECTION 1. SELF-REPORTED GENERAL, PHYSICAL, AND MENTAL HEALTH STATUS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Limitations due to Poor Health:*

All respondents were asked on how many days in the previous month their physical or mental health limited their daily activities. In this analysis percentages were reported for 0 days, 1 day, and 2 or more days in which their activities had been limited due to poor physical or mental health. Examples of usual activities were defined as self-care, work, or recreation.

### *Summary of Limitations due to Physical or Mental Health:*

In 2004, 80% of Missourians reported having zero days in the prior 30 days in which poor physical or mental health limited their daily activities. Overall 17% of Missourians reported having 2 or more such days and 3% reported having only 1 day of limited activities due to poor physical or mental health. Respondents with lower education and income were more likely to report 2 or more days in which their activities were limited due to poor physical or mental health. See the tables below for more detailed information on Limited Activity Status reporting in Missouri by region, gender, race, education and income.

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004  
KEPT FROM USUAL ACTIVITIES DUE TO PHYSICAL OR MENTAL HEALTH  
0 DAYS OUT OF THE PAST 30 DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4890	0.7958	0.7803 - 0.8113	0.795	0.7793 - 0.8107
<b>REGION</b>					
Central	603	0.7829	0.7423 - 0.8235	0.7802	0.7404 - 0.82
Kansas City	945	0.7977	0.7677 - 0.8277	0.7966	0.7664 - 0.8268
Northeast	608	0.7804	0.739 - 0.8218	0.7781	0.7358 - 0.8204
Northwest	608	0.8239	0.7867 - 0.8611	0.8255	0.7895 - 0.8616
Southeast	597	0.7648	0.7231 - 0.8065	0.767	0.725 - 0.8089
Southwest	602	0.8104	0.7751 - 0.8457	0.81	0.7743 - 0.8456
St. Louis	927	0.8	0.7673 - 0.8327	0.7991	0.7662 - 0.832
<b>GENDER</b>					
Female	2933	0.7748	0.754 - 0.7956	0.7735	0.7521 - 0.7949
Male	1957	0.8186	0.7955 - 0.8417	0.8185	0.7955 - 0.8414
<b>RACE</b>					
Black	337	0.7897	0.7382 - 0.8412	0.776	0.7241 - 0.828
Other	294	0.7677	0.7034 - 0.832	0.7609	0.6984 - 0.8234
White	4222	0.8004	0.7835 - 0.8173	0.7996	0.7824 - 0.8169
<b>EDUCATION</b>					
< HS	582	0.727	0.6768 - 0.7772	0.7126	0.6581 - 0.7671
HS	1803	0.8105	0.786 - 0.835	0.8083	0.7829 - 0.8338
> HS	2494	0.7998	0.778 - 0.8216	0.7989	0.777 - 0.8209
<b>INCOME</b>					
<\$15,000	633	0.6244	0.5721 - 0.6767	0.602	0.5481 - 0.6559
\$15-24,999	908	0.7625	0.7258 - 0.7992	0.7542	0.7158 - 0.7927
\$25-34,999	683	0.7996	0.7553 - 0.8439	0.7969	0.7538 - 0.84
\$35-49,999	794	0.806	0.7682 - 0.8438	0.8068	0.7688 - 0.8448
\$50-74,999	696	0.7966	0.7552 - 0.838	0.7996	0.7563 - 0.843
\$75,000+	617	0.8861	0.8543 - 0.9179	0.8854	0.8525 - 0.9183

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004  
KEPT FROM USUAL ACTIVITIES DUE TO PHYSICAL OR MENTAL HEALTH  
1 DAY OUT OF THE PAST 30 DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4890	0.0297	0.0226 - 0.0368	0.0301	0.0231 - 0.0372
<b>REGION</b>					
Central	603	0.0463	0.0175 - 0.0751	0.0432	0.0188 - 0.0675
Kansas City	945	0.0227	0.0121 - 0.0333	0.0227	0.0121 - 0.0333
Northeast	608	0.0277	0.011 - 0.0444	0.0291	0.0111 - 0.0472
Northwest	608	0.0272	0.0105 - 0.0439	0.0281	0.0114 - 0.0448
Southeast	597	0.0339	0.008 - 0.0598	0.0353	0.0094 - 0.0612
Southwest	602	0.0292	0.0125 - 0.0459	0.0306	0.0134 - 0.0478
St. Louis	927	0.0275	0.0152 - 0.0398	0.0275	0.0152 - 0.0399
<b>GENDER</b>					
Female	2933	0.0308	0.0218 - 0.0398	0.0316	0.0224 - 0.0408
Male	1957	0.0285	0.0175 - 0.0395	0.0284	0.0178 - 0.039
<b>RACE</b>					
Black	337	0.0322	0.0083 - 0.0561	0.0341	0.0088 - 0.0594
Other	294	0.0177	0 - 0.044	0.0143	0 - 0.0341
White	4222	0.0307	0.0231 - 0.0383	0.0317	0.0237 - 0.0397
<b>EDUCATION</b>					
< HS	582	0.0052	0.0005 - 0.0099	0.0069	0.0004 - 0.0133
HS	1803	0.0211	0.0101 - 0.0321	0.0221	0.0107 - 0.0335
> HS	2494	0.0403	0.0295 - 0.0511	0.0399	0.0291 - 0.0506
<b>INCOME</b>					
<\$15,000	633	0.0178	0.0043 - 0.0313	0.0165	0.0051 - 0.0278
\$15-24,999	908	0.0155	0.0002 - 0.0308	0.0144	0.001 - 0.0277
\$25-34,999	683	0.0209	0.0082 - 0.0336	0.0236	0.0093 - 0.0379
\$35-49,999	794	0.0465	0.0234 - 0.0696	0.0474	0.0237 - 0.0711
\$50-74,999	696	0.0541	0.0321 - 0.0761	0.0514	0.0305 - 0.0724
\$75,000+	617	0.0311	0.0135 - 0.0487	0.033	0.0132 - 0.0528

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004  
KEPT FROM USUAL ACTIVITIES DUE TO PHYSICAL OR MENTAL HEALTH  
2+ DAYS OUT OF THE PAST 30 DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4890	0.1745	0.16 - 0.189	0.1748	0.1603 - 0.1893
<b>REGION</b>					
Central	603	0.1709	0.138 - 0.2038	0.1767	0.1439 - 0.2094
Kansas City	945	0.1796	0.1508 - 0.2084	0.1807	0.1518 - 0.2095
Northeast	608	0.1919	0.1527 - 0.2311	0.1928	0.153 - 0.2325
Northwest	608	0.1488	0.1143 - 0.1833	0.1464	0.1132 - 0.1795
Southeast	597	0.2013	0.1645 - 0.2381	0.1977	0.1613 - 0.2342
Southwest	602	0.1605	0.1282 - 0.1928	0.1594	0.1271 - 0.1918
St. Louis	927	0.1725	0.1413 - 0.2037	0.1734	0.142 - 0.2047
<b>GENDER</b>					
Female	2933	0.1944	0.1748 - 0.214	0.1949	0.1747 - 0.2151
Male	1957	0.153	0.1318 - 0.1742	0.1532	0.132 - 0.1743
<b>RACE</b>					
Black	337	0.178	0.1308 - 0.2252	0.1899	0.1423 - 0.2375
Other	294	0.2147	0.1535 - 0.2759	0.2248	0.1644 - 0.2852
White	4222	0.1689	0.1532 - 0.1846	0.1687	0.1528 - 0.1845
<b>EDUCATION</b>					
< HS	582	0.2678	0.2178 - 0.3178	0.2805	0.2258 - 0.3352
HS	1803	0.1684	0.1457 - 0.1911	0.1696	0.1458 - 0.1933
> HS	2494	0.1599	0.1399 - 0.1799	0.1612	0.141 - 0.1814
<b>INCOME</b>					
<\$15,000	633	0.3578	0.3061 - 0.4095	0.3815	0.328 - 0.435
\$15-24,999	908	0.222	0.1871 - 0.2569	0.2314	0.1946 - 0.2683
\$25-34,999	683	0.1795	0.1362 - 0.2228	0.1795	0.1378 - 0.2213
\$35-49,999	794	0.1476	0.1151 - 0.1801	0.1458	0.1139 - 0.1778
\$50-74,999	696	0.1493	0.1119 - 0.1867	0.1489	0.1089 - 0.1889
\$75,000+	617	0.0828	0.0558 - 0.1098	0.0816	0.0546 - 0.1087

## SECTION 2. SUMMARY OF ORAL HEALTH STATUS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Oral Health:*

All respondents were asked how long it had been since they last visited a dentist or dental clinic and how many permanent teeth they have had removed due to tooth decay or gum disease. This analysis included the percentages of respondents who had had any teeth and all teeth removed due to decay or gum disease. All respondents who had ever visited a dentist were also asked how long it had been since their last dental cleaning by a dentist or dental hygienist. This analysis included the percentages of respondents who had their teeth cleaned within the last year, 1-2 years, 2-5 years, and 5 years or longer.

### *Summary of Oral Health:*

In 2004, 63% of Missourians reported having a dental visit within the past year. More women (67%, 68%) reported visiting a dentist and having their teeth cleaned than did men (59%, 57%). Higher education and income levels were associated with higher rates of dental visits and teeth cleanings over the past year. Forty-eight percent of Missourians have lost teeth and 5% have had all their teeth removed due to tooth decay or gum disease. See the tables below for more detailed information on Oral Health Status reporting in Missouri by region, gender, race, education and income.

**ORAL HEALTH AMONG MISSOURI ADULTS, 2004  
DENTAL VISIT WITHIN THE LAST YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4908	0.6337	0.6151 - 0.6523	0.6337	0.6151 - 0.6523
<b>REGION</b>					
Central	603	0.6111	0.5631 - 0.6591	0.6136	0.5672 - 0.6601
Kansas City	952	0.6821	0.6466 - 0.7176	0.6813	0.6454 - 0.7171
Northeast	610	0.5192	0.4684 - 0.57	0.5184	0.4676 - 0.5691
Northwest	611	0.5901	0.5409 - 0.6393	0.5881	0.5406 - 0.6355
Southeast	605	0.5385	0.4917 - 0.5853	0.5423	0.4937 - 0.591
Southwest	601	0.614	0.5693 - 0.6587	0.6169	0.5718 - 0.662
St. Louis	926	0.6692	0.6304 - 0.708	0.669	0.6302 - 0.7078
<b>GENDER</b>					
Female	2946	0.6747	0.6522 - 0.6972	0.6789	0.656 - 0.7018
Male	1962	0.5891	0.5593 - 0.6189	0.5869	0.5573 - 0.6165
<b>RACE</b>					
Black	340	0.5838	0.5148 - 0.6528	0.5739	0.5075 - 0.6404
Other	292	0.6568	0.5843 - 0.7293	0.6391	0.5694 - 0.7089
White	4238	0.636	0.6158 - 0.6562	0.6366	0.6162 - 0.657
<b>EDUCATION</b>					
< HS	592	0.4385	0.3768 - 0.5002	0.4503	0.3864 - 0.5142
HS	1810	0.5705	0.5382 - 0.6028	0.5707	0.5374 - 0.6041
> HS	2492	0.7146	0.6911 - 0.7381	0.7149	0.6913 - 0.7384
<b>INCOME</b>					
<\$15,000	639	0.4403	0.3858 - 0.4948	0.4281	0.373 - 0.4831
\$15-24,999	912	0.5134	0.4701 - 0.5567	0.4974	0.453 - 0.5419
\$25-34,999	684	0.6346	0.5852 - 0.684	0.6322	0.5818 - 0.6826
\$35-49,999	795	0.6263	0.581 - 0.6716	0.6274	0.5819 - 0.6729
\$50-74,999	696	0.7179	0.6697 - 0.7661	0.7299	0.6809 - 0.7789
\$75,000+	616	0.7978	0.7576 - 0.838	0.8013	0.7604 - 0.8423



<b>ORAL HEALTH AMONG MISSOURI ADULTS, 2004</b> <b>TEETH CLEANED WITHIN THE LAST YEAR</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4324	0.6277	0.6077 - 0.6477	0.6282	0.6086 - 0.6478
<b>REGION</b>					
Central	524	0.6128	0.5613 - 0.6643	0.62	0.5718 - 0.6682
Kansas City	851	0.6754	0.6372 - 0.7136	0.6795	0.6422 - 0.7167
Northeast	520	0.5023	0.447 - 0.5576	0.4992	0.4468 - 0.5515
Northwest	525	0.587	0.5337 - 0.6403	0.5796	0.5298 - 0.6294
Southeast	507	0.5391	0.4877 - 0.5905	0.5399	0.4894 - 0.5905
Southwest	527	0.5899	0.5413 - 0.6385	0.5922	0.5447 - 0.6396
St. Louis	870	0.6639	0.6235 - 0.7043	0.6643	0.6244 - 0.7043
<b>GENDER</b>					
Female	2583	0.6769	0.6528 - 0.701	0.6774	0.6532 - 0.7015
Male	1741	0.5745	0.5427 - 0.6063	0.576	0.5448 - 0.6071
<b>RACE</b>					
Black	310	0.5288	0.4549 - 0.6027	0.5238	0.4538 - 0.5938
Other	258	0.6427	0.5661 - 0.7193	0.616	0.5423 - 0.6897
White	3720	0.6354	0.6138 - 0.657	0.6352	0.6139 - 0.6566
<b>EDUCATION</b>					
< HS	410	0.4444	0.3689 - 0.5199	0.3988	0.3332 - 0.4645
HS	1536	0.5577	0.5226 - 0.5928	0.5592	0.5243 - 0.5941
> HS	2366	0.6988	0.6745 - 0.7231	0.7007	0.6762 - 0.7252
<b>INCOME</b>					
<\$15,000	474	0.4353	0.3716 - 0.499	0.4145	0.3568 - 0.4721
\$15-24,999	743	0.5132	0.4654 - 0.561	0.4834	0.4366 - 0.5302
\$25-34,999	604	0.6182	0.5637 - 0.6727	0.6161	0.5626 - 0.6696
\$35-49,999	739	0.6082	0.5612 - 0.6552	0.618	0.5712 - 0.6649
\$50-74,999	672	0.6979	0.6487 - 0.7471	0.7013	0.6499 - 0.7526
\$75,000+	606	0.7865	0.7442 - 0.8288	0.7961	0.7541 - 0.838

**ORAL HEALTH AMONG MISSOURI ADULTS, 2004**  
**TEETH CLEANED WITHIN 1 - 2 YEARS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4324	0.1407	0.1258 - 0.1556	0.1403	0.1256 - 0.155
<b>REGION</b>					
Central	524	0.1358	0.098 - 0.1736	0.1343	0.0994 - 0.1692
Kansas City	851	0.1303	0.1005 - 0.1601	0.1266	0.0983 - 0.1548
Northeast	520	0.1735	0.1237 - 0.2233	0.1717	0.1283 - 0.215
Northwest	525	0.1304	0.0951 - 0.1657	0.1308	0.0969 - 0.1647
Southeast	507	0.1408	0.102 - 0.1796	0.1417	0.1037 - 0.1797
Southwest	527	0.1269	0.0955 - 0.1583	0.1302	0.0986 - 0.1617
St. Louis	870	0.1505	0.1195 - 0.1815	0.1492	0.1185 - 0.18
<b>GENDER</b>					
Female	2583	0.1244	0.1073 - 0.1415	0.1252	0.108 - 0.1425
Male	1741	0.1583	0.1334 - 0.1832	0.1559	0.132 - 0.1798
<b>RACE</b>					
Black	310	0.2192	0.1582 - 0.2802	0.2308	0.1694 - 0.2921
Other	258	0.1662	0.1033 - 0.2291	0.1612	0.1012 - 0.2212
White	3720	0.1319	0.116 - 0.1478	0.1324	0.1165 - 0.1483
<b>EDUCATION</b>					
< HS	410	0.1531	0.0968 - 0.2094	0.18	0.1153 - 0.2447
HS	1536	0.1513	0.1243 - 0.1783	0.1517	0.1252 - 0.1781
> HS	2366	0.1325	0.1139 - 0.1511	0.1301	0.1119 - 0.1484
<b>INCOME</b>					
<\$15,000	474	0.1591	0.0999 - 0.2183	0.1406	0.0995 - 0.1818
\$15-24,999	743	0.1446	0.1113 - 0.1779	0.1613	0.124 - 0.1985
\$25-34,999	604	0.1269	0.0906 - 0.1632	0.1305	0.0941 - 0.167
\$35-49,999	739	0.1522	0.1169 - 0.1875	0.1455	0.1123 - 0.1786
\$50-74,999	672	0.1606	0.1177 - 0.2035	0.1697	0.1234 - 0.2159
\$75,000+	606	0.1127	0.0804 - 0.145	0.1093	0.0764 - 0.1423

**ORAL HEALTH AMONG MISSOURI ADULTS, 2004**  
**TEETH CLEANED WITHIN 2 - 5 YEARS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4324	0.0958	0.0838 - 0.1078	0.095	0.0832 - 0.1068
<b>REGION</b>					
Central	524	0.0808	0.052 - 0.1096	0.0765	0.0508 - 0.1022
Kansas City	851	0.0975	0.0736 - 0.1214	0.0962	0.0727 - 0.1197
Northeast	520	0.1123	0.0804 - 0.1442	0.1185	0.0864 - 0.1507
Northwest	525	0.1086	0.078 - 0.1392	0.1113	0.0804 - 0.1423
Southeast	507	0.1293	0.0956 - 0.163	0.1248	0.0922 - 0.1573
Southwest	527	0.0954	0.0685 - 0.1223	0.0952	0.0689 - 0.1215
St. Louis	870	0.0879	0.0636 - 0.1122	0.0877	0.0637 - 0.1116
<b>GENDER</b>					
Female	2583	0.0872	0.0729 - 0.1015	0.0869	0.0728 - 0.1011
Male	1741	0.105	0.0856 - 0.1244	0.1046	0.0856 - 0.1237
<b>RACE</b>					
Black	310	0.0844	0.0491 - 0.1197	0.084	0.0499 - 0.1181
Other	258	0.0691	0.0332 - 0.105	0.078	0.0376 - 0.1184
White	3720	0.0997	0.0864 - 0.113	0.099	0.0859 - 0.1121
<b>EDUCATION</b>					
< HS	410	0.1263	0.0789 - 0.1737	0.1519	0.1006 - 0.2033
HS	1536	0.1202	0.0963 - 0.1441	0.1183	0.095 - 0.1416
> HS	2366	0.0762	0.0633 - 0.0891	0.0749	0.0619 - 0.0878
<b>INCOME</b>					
<\$15,000	474	0.1244	0.0911 - 0.1577	0.1422	0.1048 - 0.1796
\$15-24,999	743	0.1184	0.0906 - 0.1462	0.1234	0.0938 - 0.153
\$25-34,999	604	0.1176	0.0788 - 0.1564	0.1144	0.0789 - 0.1499
\$35-49,999	739	0.1227	0.0888 - 0.1566	0.119	0.0867 - 0.1513
\$50-74,999	672	0.0695	0.0436 - 0.0954	0.0622	0.0382 - 0.0861
\$75,000+	606	0.0677	0.0401 - 0.0953	0.0608	0.0366 - 0.0849

**ORAL HEALTH AMONG MISSOURI ADULTS, 2004**  
**TEETH CLEANED 5 OR MORE YEARS AGO**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4324	0.1185	0.1056 - 0.1314	0.1192	0.1063 - 0.1321
<b>REGION</b>					
Central	524	0.1435	0.1063 - 0.1807	0.1398	0.1051 - 0.1745
Kansas City	851	0.0933	0.071 - 0.1156	0.094	0.0719 - 0.1162
Northeast	520	0.1681	0.1279 - 0.2083	0.1712	0.1314 - 0.211
Northwest	525	0.15	0.1084 - 0.1916	0.1522	0.1122 - 0.1922
Southeast	507	0.1621	0.1254 - 0.1988	0.1637	0.127 - 0.2003
Southwest	527	0.1585	0.1189 - 0.1981	0.1546	0.1182 - 0.1911
St. Louis	870	0.0876	0.0637 - 0.1115	0.0893	0.0654 - 0.1132
<b>GENDER</b>					
Female	2583	0.0978	0.0829 - 0.1127	0.0978	0.0829 - 0.1127
Male	1741	0.1409	0.1193 - 0.1625	0.1418	0.1207 - 0.163
<b>RACE</b>					
Black	310	0.1436	0.0866 - 0.2006	0.1348	0.0881 - 0.1814
Other	258	0.0783	0.0436 - 0.113	0.1056	0.0615 - 0.1497
White	3720	0.1186	0.1047 - 0.1325	0.1193	0.1054 - 0.1332
<b>EDUCATION</b>					
< HS	410	0.2242	0.1711 - 0.2773	0.2159	0.1647 - 0.267
HS	1536	0.1492	0.1233 - 0.1751	0.1508	0.1247 - 0.1768
> HS	2366	0.0832	0.0691 - 0.0973	0.0851	0.0704 - 0.0998
<b>INCOME</b>					
<\$15,000	474	0.2404	0.1894 - 0.2914	0.2561	0.2043 - 0.3078
\$15-24,999	743	0.203	0.1642 - 0.2418	0.2133	0.1734 - 0.2533
\$25-34,999	604	0.1167	0.082 - 0.1514	0.1184	0.0833 - 0.1535
\$35-49,999	739	0.1044	0.0768 - 0.132	0.1055	0.0759 - 0.135
\$50-74,999	672	0.0648	0.0409 - 0.0887	0.062	0.0391 - 0.0849
\$75,000+	606	0.0293	0.0142 - 0.0444	0.0283	0.012 - 0.0445

**ORAL HEALTH AMONG MISSOURI ADULTS, 2004**  
**LOST ANY PERMANENT TEETH TO TOOTH DECAY OR GUM DISEASE**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4872	0.4761	0.4567 - 0.4955	0.469	0.4514 - 0.4867
<b>REGION</b>					
Central	596	0.4886	0.44 - 0.5372	0.4972	0.4588 - 0.5357
Kansas City	941	0.4374	0.4002 - 0.4746	0.4353	0.402 - 0.4686
Northeast	607	0.5338	0.4821 - 0.5855	0.5179	0.4781 - 0.5577
Northwest	604	0.4678	0.4178 - 0.5178	0.4732	0.4332 - 0.5132
Southeast	600	0.5828	0.5348 - 0.6308	0.5583	0.5153 - 0.6012
Southwest	601	0.5067	0.4604 - 0.553	0.496	0.4531 - 0.5389
St. Louis	923	0.4442	0.4032 - 0.4852	0.4388	0.4011 - 0.4764
<b>GENDER</b>					
Female	2914	0.4844	0.4595 - 0.5093	0.4657	0.4429 - 0.4884
Male	1958	0.4672	0.4372 - 0.4972	0.4734	0.4465 - 0.5002
<b>RACE</b>					
Black	338	0.5984	0.5274 - 0.6694	0.6246	0.5635 - 0.6858
Other	292	0.4157	0.3416 - 0.4898	0.4767	0.4146 - 0.5388
White	4207	0.4703	0.4493 - 0.4913	0.4548	0.4358 - 0.4738
<b>EDUCATION</b>					
< HS	582	0.7035	0.639 - 0.768	0.6872	0.6245 - 0.7499
HS	1799	0.5852	0.5529 - 0.6175	0.5697	0.5391 - 0.6003
> HS	2477	0.3596	0.3347 - 0.3845	0.3704	0.3479 - 0.393
<b>INCOME</b>					
<\$15,000	631	0.6529	0.5943 - 0.7115	0.6593	0.6138 - 0.7048
\$15-24,999	909	0.596	0.5523 - 0.6397	0.5915	0.5513 - 0.6316
\$25-34,999	682	0.5574	0.5037 - 0.6111	0.5425	0.4964 - 0.5885
\$35-49,999	792	0.4581	0.4124 - 0.5038	0.4667	0.4303 - 0.5032
\$50-74,999	691	0.3559	0.3079 - 0.4039	0.39	0.3467 - 0.4333
\$75,000+	614	0.2992	0.2508 - 0.3476	0.3112	0.2647 - 0.3576

**ORAL HEALTH AMONG MISSOURI ADULTS, 2004**  
**LOST ALL PERMANENT TEETH TO TOOTH DECAY OR GUM DISEASE**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	3675	0.0462	0.0386 - 0.0538	0.0714	0.0525 - 0.0902
<b>REGION</b>					
Central	450	0.0613	0.0386 - 0.084	0.0833	0.019 - 0.1476
Kansas City	727	0.0419	0.0268 - 0.057	0.0842	0.0342 - 0.1342
Northeast	441	0.0813	0.0552 - 0.1074	0.1045	0.0649 - 0.1441
Northwest	446	0.0514	0.0322 - 0.0706	0.1049	0.0463 - 0.1635
Southeast	435	0.0847	0.0555 - 0.1139	0.1513	0.0953 - 0.2074
Southwest	449	0.0508	0.0288 - 0.0728	0.0575	0.0181 - 0.0969
St. Louis	727	0.0265	0.013 - 0.04	0.0283	0.0093 - 0.0474
<b>GENDER</b>					
Female	2131	0.0409	0.0315 - 0.0503	0.0624	0.043 - 0.0818
Male	1544	0.0516	0.0393 - 0.0639	0.0821	0.0468 - 0.1174
<b>RACE</b>					
Black	274	0.0383	0.0122 - 0.0644	0.0899	0.0007 - 0.1791
Other	241	0.0316	0.014 - 0.0492	0.0358	0.0158 - 0.0558
White	3139	0.0481	0.0395 - 0.0567	0.0688	0.0515 - 0.086
<b>EDUCATION</b>					
< HS	325	0.1316	0.0918 - 0.1714	0.2016	0.1453 - 0.2578
HS	1313	0.0673	0.051 - 0.0836	0.0816	0.0551 - 0.108
> HS	2033	0.0197	0.0126 - 0.0268	0.0392	0.0125 - 0.0658
<b>INCOME</b>					
<\$15,000	418	0.1156	0.0789 - 0.1523	0.1335	0.0859 - 0.1811
\$15-24,999	580	0.0749	0.0512 - 0.0986	0.117	0.0616 - 0.1725
\$25-34,999	483	0.0474	0.0286 - 0.0662	0.1003	0.0413 - 0.1593
\$35-49,999	691	0.0389	0.0207 - 0.0571	0.0676	0.0272 - 0.108
\$50-74,999	626	0.0214	0.0083 - 0.0345	0.0528	0 - 0.1216
\$75,000+	570	0.015	0.0015 - 0.0285	0.0106	0.001 - 0.0202

## SECTION 3. DISABILITY STATUS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Disability Status:*

All respondents were asked if they were limited in any way due to physical, mental, or emotional problems and if their needs required special equipment. Examples of special equipment were defined as a cane, a wheelchair, a special bed, or a special telephone. All respondents who reported having a limitation due to a physical, mental, or emotional problem were also asked to identify their major impairment or health problem.

### *Summary of Disability Status:*

In 2004, 21% of Missourians reported being limited their activities due to physical, mental, or emotional problems. Missourians with lower education and income levels more often reported being limited in their activities. Seven percent of Missourians reported having disabilities, which required special equipment. A higher percentage of blacks (12%) reported requiring special equipment needs as compared to white respondents (7%). Respondents with lower education and income were more likely to report limited activates due to problems and need for special equipment. Missourians reported the following as the major impairment or health problem limiting their activities: arthritis (3%), back or neck problems (3%), fractures, bone or joint injury (2%), walking problems (2%), lung or breathing problems (1%), hearing problems (0.1%), eye or vision problems (0.4%), heart problems (1%), stroke (0.3%), hypertension (0.3%), diabetes (0.2%), cancer (0.2%), depression, anxiety, or emotional problem (1%) and other impairment or problem (5%). See the tables below for more detailed information on Disability Status reporting in Missouri by region, gender, race, education and income.

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004  
DISABILITY: LIMITED IN ANY ACTIVITIES DUE TO PHYSICAL, MENTAL, OR  
EMOTIONAL PROBLEMS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4828	0.2059	0.1908 - 0.221	0.2019	0.1872 - 0.2166
<b>REGION</b>					
Central	597	0.2005	0.1654 - 0.2356	0.2031	0.1694 - 0.2368
Kansas City	930	0.1883	0.1591 - 0.2175	0.1874	0.1591 - 0.2156
Northeast	604	0.1835	0.1486 - 0.2184	0.1786	0.1443 - 0.2129
Northwest	597	0.1986	0.1608 - 0.2364	0.194	0.1589 - 0.2291
Southeast	596	0.2539	0.2155 - 0.2923	0.2457	0.2088 - 0.2825
Southwest	595	0.219	0.1835 - 0.2545	0.2159	0.1814 - 0.2504
St. Louis	909	0.2021	0.1694 - 0.2348	0.1973	0.1656 - 0.2291
<b>GENDER</b>					
Female	2904	0.2141	0.1945 - 0.2337	0.2056	0.187 - 0.2242
Male	1924	0.1968	0.1735 - 0.2201	0.1976	0.1747 - 0.2206
<b>RACE</b>					
Black	334	0.1923	0.1406 - 0.244	0.1986	0.1478 - 0.2494
Other	282	0.2527	0.1849 - 0.3205	0.2701	0.2057 - 0.3346
White	4175	0.2024	0.1861 - 0.2187	0.1947	0.1792 - 0.2102
<b>EDUCATION</b>					
< HS	580	0.3182	0.2651 - 0.3713	0.3134	0.2544 - 0.3724
HS	1780	0.2129	0.1878 - 0.238	0.2063	0.1808 - 0.2318
> HS	2457	0.1784	0.1582 - 0.1986	0.1823	0.1627 - 0.2019
<b>INCOME</b>					
<\$15,000	624	0.4109	0.3584 - 0.4634	0.4281	0.3783 - 0.4779
\$15-24,999	902	0.2912	0.2528 - 0.3296	0.2963	0.2573 - 0.3353
\$25-34,999	674	0.2001	0.1585 - 0.2417	0.1897	0.1509 - 0.2285
\$35-49,999	786	0.1485	0.1195 - 0.1775	0.1561	0.1273 - 0.1849
\$50-74,999	685	0.1387	0.1038 - 0.1736	0.1404	0.1069 - 0.1739
\$75,000+	612	0.1229	0.0855 - 0.1603	0.1229	0.0852 - 0.1605



**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2004  
DISABILITY: HAVE ANY HEALTH PROBLEMS THAT REQUIRE SPECIAL  
EQUIPMENT**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4829	0.0722	0.063 - 0.0814	0.0699	0.0611 - 0.0787
<b>REGION</b>					
Central	595	0.071	0.0489 - 0.0931	0.0715	0.0499 - 0.093
Kansas City	930	0.0632	0.0461 - 0.0803	0.0626	0.0465 - 0.0787
Northeast	604	0.0743	0.0502 - 0.0984	0.0675	0.0442 - 0.0908
Northwest	597	0.0498	0.0316 - 0.068	0.0494	0.0304 - 0.0684
Southeast	598	0.089	0.0657 - 0.1123	0.0817	0.0604 - 0.1031
Southwest	594	0.0711	0.0497 - 0.0925	0.067	0.0466 - 0.0873
St. Louis	911	0.0756	0.0554 - 0.0958	0.0746	0.0556 - 0.0936
<b>GENDER</b>					
Female	2903	0.0811	0.0678 - 0.0944	0.0745	0.0626 - 0.0865
Male	1926	0.0624	0.0497 - 0.0751	0.0633	0.0508 - 0.0759
<b>RACE</b>					
Black	335	0.1218	0.0816 - 0.162	0.1309	0.0927 - 0.1692
Other	283	0.0734	0.0326 - 0.1142	0.0818	0.042 - 0.1216
White	4173	0.0676	0.058 - 0.0772	0.0635	0.0547 - 0.0723
<b>EDUCATION</b>					
< HS	580	0.155	0.1172 - 0.1928	0.137	0.1014 - 0.1727
HS	1782	0.0699	0.0554 - 0.0844	0.0644	0.0511 - 0.0778
> HS	2455	0.0572	0.045 - 0.0694	0.0618	0.0495 - 0.0742
<b>INCOME</b>					
<\$15,000	626	0.2027	0.1586 - 0.2468	0.2017	0.1537 - 0.2498
\$15-24,999	901	0.1126	0.0857 - 0.1395	0.0988	0.0745 - 0.1231
\$25-34,999	674	0.0795	0.0499 - 0.1091	0.0727	0.0476 - 0.0978
\$35-49,999	787	0.0408	0.0265 - 0.0551	0.0448	0.0289 - 0.0607
\$50-74,999	685	0.0224	0.0081 - 0.0367	0.0256	0.0103 - 0.0409
\$75,000+	611	0.0218	0.0069 - 0.0367	0.0283	0.0099 - 0.0467

**QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004**  
**MAJOR IMPAIRMENT OR HEALTH PROBLEMS: ARTHRITIS/RHEUMATISM**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4907	0.0304	0.0247 - 0.0361	0.0295	0.024 - 0.035
<b>REGION</b>					
Central	605	0.0261	0.0138 - 0.0384	0.0262	0.0137 - 0.0388
Kansas City	948	0.024	0.014 - 0.034	0.0238	0.014 - 0.0336
Northeast	612	0.0194	0.0082 - 0.0306	0.0183	0.0075 - 0.0291
Northwest	611	0.048	0.0288 - 0.0672	0.0483	0.0287 - 0.0679
Southeast	603	0.0292	0.0167 - 0.0417	0.027	0.0149 - 0.0392
Southwest	605	0.031	0.0183 - 0.0437	0.0298	0.0176 - 0.0419
St. Louis	923	0.0347	0.0222 - 0.0472	0.034	0.0219 - 0.0462
<b>GENDER</b>					
Female	2943	0.0393	0.0305 - 0.0481	0.0367	0.0287 - 0.0447
Male	1964	0.0207	0.0138 - 0.0276	0.0215	0.0145 - 0.0286
<b>RACE</b>					
Black	339	0.0375	0.0165 - 0.0585	0.0425	0.0189 - 0.066
Other	290	0.0296	0.0071 - 0.0521	0.0326	0.0092 - 0.0559
White	4240	0.0289	0.023 - 0.0348	0.0271	0.0217 - 0.0326
<b>EDUCATION</b>					
< HS	589	0.0387	0.0211 - 0.0563	0.035	0.0154 - 0.0546
HS	1813	0.0303	0.0215 - 0.0391	0.028	0.0199 - 0.036
> HS	2492	0.0288	0.021 - 0.0366	0.0302	0.022 - 0.0384
<b>INCOME</b>					
<\$15,000	634	0.0718	0.0475 - 0.0961	0.0685	0.044 - 0.093
\$15-24,999	916	0.0515	0.0325 - 0.0705	0.0499	0.0303 - 0.0695
\$25-34,999	685	0.0186	0.0098 - 0.0274	0.0175	0.0093 - 0.0257
\$35-49,999	796	0.017	0.0088 - 0.0252	0.0159	0.0083 - 0.0236
\$50-74,999	695	0.0178	0.0084 - 0.0272	0.0206	0.0091 - 0.0322
\$75,000+	617	0.0204	0.0075 - 0.0333	0.0275	0.0107 - 0.0444

QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004					
MAJOR IMPAIRMENT OR HEALTH PROBLEMS: BACK OR NECK PROBLEMS					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4907	0.0324	0.0257 - 0.0391	0.0319	0.0252 - 0.0386
REGION					
Central	605	0.0324	0.0175 - 0.0473	0.0328	0.0179 - 0.0477
Kansas City	948	0.0247	0.0133 - 0.0361	0.0254	0.0136 - 0.0372
Northeast	612	0.0315	0.0158 - 0.0472	0.032	0.0154 - 0.0487
Northwest	611	0.0182	0.0088 - 0.0276	0.0189	0.0091 - 0.0287
Southeast	603	0.0439	0.0272 - 0.0606	0.043	0.0264 - 0.0597
Southwest	605	0.0356	0.0203 - 0.0509	0.0365	0.0206 - 0.0523
St. Louis	923	0.0339	0.019 - 0.0488	0.0321	0.0174 - 0.0468
GENDER					
Female	2943	0.0327	0.0239 - 0.0415	0.0317	0.0227 - 0.0407
Male	1964	0.0322	0.0222 - 0.0422	0.0322	0.0222 - 0.0422
RACE					
Black	339	0.0218	0.0028 - 0.0408	0.025	0.0031 - 0.047
Other	290	0.0344	0 - 0.0724	0.0331	0 - 0.0666
	4240	0.0332	0.0261 - 0.0403	0.032	0.0251 - 0.0388
EDUCATION					
< HS	589	0.0416	0.0167 - 0.0665	0.0569	0.0214 - 0.0924
HS	1813	0.04	0.0284 - 0.0516	0.0387	0.0273 - 0.0501
> HS	2492	0.0257	0.0173 - 0.0341	0.026	0.0176 - 0.0345
INCOME					
<\$15,000	634	0.0481	0.0287 - 0.0675	0.056	0.0329 - 0.0791
\$15-24,999	916	0.0417	0.0258 - 0.0576	0.0484	0.0293 - 0.0674
\$25-34,999	685	0.0455	0.0196 - 0.0714	0.0462	0.02 - 0.0725
\$35-49,999	796	0.0212	0.0098 - 0.0326	0.0242	0.0103 - 0.0381
\$50-74,999	695	0.0298	0.0149 - 0.0447	0.027	0.0128 - 0.0411
\$75,000+	617	0.0311	0.0105 - 0.0517	0.0299	0.0107 - 0.0491

**QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004**  
**MAJOR IMPAIRMENT OR HEALTH PROBLEMS: FRACTURES, BONE OR JOINT INJURY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4907	0.0169	0.0114 - 0.0224	0.0165	0.0112 - 0.0217
<b>REGION</b>					
Central	605	0.0189	0.0075 - 0.0303	0.0187	0.0077 - 0.0296
Kansas City	948	0.0188	0.0061 - 0.0315	0.0189	0.006 - 0.0319
Northeast	612	0.013	0.0034 - 0.0226	0.0134	0.0026 - 0.0241
Northwest	611	0.0294	0.0074 - 0.0514	0.0252	0.0074 - 0.0431
Southeast	603	0.01	0.002 - 0.018	0.0094	0.0014 - 0.0175
Southwest	605	0.0202	0.0092 - 0.0312	0.0195	0.0087 - 0.0303
St. Louis	923	0.0147	0.0031 - 0.0263	0.014	0.003 - 0.025
<b>GENDER</b>					
Female	2943	0.0155	0.0096 - 0.0214	0.0148	0.0091 - 0.0205
Male	1964	0.0184	0.009 - 0.0278	0.0181	0.0091 - 0.0271
<b>RACE</b>					
Black	339	0.0052	0 - 0.013	0.0055	0 - 0.0136
Other	290	0.0168	0 - 0.0339	0.0175	0.0001 - 0.035
White	4240	0.0181	0.0118 - 0.0244	0.0176	0.0115 - 0.0237
<b>EDUCATION</b>					
< HS	589	0.0142	0.0048 - 0.0236	0.0133	0.0043 - 0.0224
HS	1813	0.0196	0.0108 - 0.0284	0.0184	0.0095 - 0.0272
> HS	2492	0.0157	0.0077 - 0.0237	0.0158	0.008 - 0.0237
<b>INCOME</b>					
<\$15,000	634	0.0183	0.005 - 0.0316	0.0205	0.0051 - 0.036
\$15-24,999	916	0.0217	0.0109 - 0.0325	0.0203	0.0101 - 0.0305
\$25-34,999	685	0.019	0.0074 - 0.0306	0.0173	0.0065 - 0.0281
\$35-49,999	796	0.019	0.0072 - 0.0308	0.0191	0.0067 - 0.0314
\$50-74,999	695	0.0087	0 - 0.0199	0.0081	0 - 0.0175
\$75,000+	617	0.0212	0 - 0.0433	0.0195	0 - 0.0399

**QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004**  
**MAJOR IMPAIRMENT OR HEALTH PROBLEMS: WALKING PROBLEM**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4907	0.0176	0.0129 - 0.0223	0.0172	0.0127 - 0.0217
<b>REGION</b>					
Central	605	0.0182	0.0053 - 0.0311	0.019	0.0053 - 0.0328
Kansas City	948	0.0107	0.0042 - 0.0172	0.0107	0.0043 - 0.0172
Northeast	612	0.0207	0.0066 - 0.0348	0.0205	0.005 - 0.036
Northwest	611	0.0178	0.0076 - 0.028	0.0175	0.0073 - 0.0277
Southeast	603	0.0139	0.0049 - 0.0229	0.0122	0.0044 - 0.0201
Southwest	605	0.0208	0.0098 - 0.0318	0.0198	0.0092 - 0.0304
St. Louis	923	0.0204	0.0096 - 0.0312	0.0204	0.0098 - 0.031
<b>GENDER</b>					
Female	2943	0.0242	0.016 - 0.0324	0.022	0.0147 - 0.0292
Male	1964	0.0105	0.0062 - 0.0148	0.011	0.0065 - 0.0155
<b>RACE</b>					
Black	339	0.0076	0.0005 - 0.0147	0.0084	0.0006 - 0.0163
Other	290	0.0089	0.0003 - 0.0175	0.0107	0 - 0.0215
White	4240	0.0194	0.0139 - 0.0249	0.0183	0.0132 - 0.0234
<b>EDUCATION</b>					
< HS	589	0.0441	0.019 - 0.0692	0.0309	0.0132 - 0.0485
HS	1813	0.0187	0.0111 - 0.0263	0.018	0.0106 - 0.0255
> HS	2492	0.0115	0.0064 - 0.0166	0.0127	0.0071 - 0.0184
<b>INCOME</b>					
<\$15,000	634	0.024	0.0122 - 0.0358	0.0202	0.0092 - 0.0312
\$15-24,999	916	0.0221	0.0099 - 0.0343	0.0169	0.0083 - 0.0255
\$25-34,999	685	0.031	0.0092 - 0.0528	0.0264	0.0091 - 0.0436
\$35-49,999	796	0.0213	0.0088 - 0.0338	0.0235	0.0094 - 0.0377
\$50-74,999	695	0.0148	0.0028 - 0.0268	0.0125	0.0023 - 0.0227
\$75,000+	617	0	0 - 0	0	0 - 0

QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004					
MAJOR IMPAIRMENT OR HEALTH PROBLEMS: LUNG/BREATHING PROBLEM					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4907	0.0115	0.008 - 0.015	0.0111	0.0078 - 0.0144
REGION					
Central	605	0.0085	0.002 - 0.015	0.0084	0.0019 - 0.0149
Kansas City	948	0.011	0.0043 - 0.0177	0.0109	0.0045 - 0.0174
Northeast	612	0.0103	0.0025 - 0.0181	0.0093	0.002 - 0.0165
Northwest	611	0.0083	0.0007 - 0.0159	0.0072	0.0009 - 0.0134
Southeast	603	0.0133	0.0039 - 0.0227	0.0126	0.003 - 0.0222
Southwest	605	0.0135	0.0029 - 0.0241	0.0128	0.0028 - 0.0228
St. Louis	923	0.0119	0.0046 - 0.0192	0.0116	0.0046 - 0.0187
GENDER					
Female	2943	0.0103	0.0062 - 0.0144	0.0097	0.0058 - 0.0137
Male	1964	0.0127	0.0068 - 0.0186	0.013	0.0069 - 0.0191
RACE					
Black	339	0.0085	0 - 0.0214	0.0084	0 - 0.0212
Other	290	0.0051	0 - 0.0112	0.008	0 - 0.0186
White	4240	0.0123	0.0084 - 0.0162	0.0116	0.0079 - 0.0154
EDUCATION					
< HS	589	0.0317	0.0137 - 0.0497	0.0286	0.0131 - 0.044
HS	1813	0.0138	0.0075 - 0.0201	0.0129	0.007 - 0.0187
> HS	2492	0.0057	0.0022 - 0.0092	0.0058	0.0023 - 0.0094
INCOME					
<\$15,000	634	0.0233	0.0086 - 0.038	0.0258	0.0083 - 0.0432
\$15-24,999	916	0.018	0.0074 - 0.0286	0.0167	0.0069 - 0.0265
\$25-34,999	685	0.0074	0.0009 - 0.0139	0.0071	0.0007 - 0.0136
\$35-49,999	796	0.0172	0.0049 - 0.0295	0.0211	0.0064 - 0.0358
\$50-74,999	695	0.0053	0 - 0.012	0.0064	0 - 0.014
\$75,000+	617	0.0025	0 - 0.006	0.0018	0 - 0.0044

<b>QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004</b> <b>MAJOR IMPAIRMENT OR HEALTH PROBLEMS: HEARING PROBLEM</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4907	0.0011	0.0001 - 0.0021	0.0011	0.0001 - 0.0021
<b>REGION</b>					
Central	605	0.0039	0 - 0.0094	0.0038	0 - 0.0093
Kansas City	948	0	0 - 0	0	0 - 0
Northeast	612	0	0 - 0	0	0 - 0
Northwest	611	0	0 - 0	0	0 - 0
Southeast	603	0.0046	0 - 0.0111	0.005	0 - 0.0122
Southwest	605	0.0014	0 - 0.0041	0.0013	0 - 0.0039
St. Louis	923	0	0 - 0	0	0 - 0
<b>GENDER</b>					
Female	2943	0.0009	0 - 0.0021	0.0009	0 - 0.0023
Male	1964	0.0014	0 - 0.003	0.0013	0 - 0.0029
<b>RACE</b>					
Black	339	0	0 - 0	0	0 - 0
Other	290	0	0 - 0	0	0 - 0
White	4240	0.0013	0.0001 - 0.0025	0.0013	0.0001 - 0.0025
<b>EDUCATION</b>					
< HS	589	0	0 - 0	0	0 - 0
HS	1813	0.0006	0 - 0.0018	0.0005	0 - 0.0015
> HS	2492	0.0017	0 - 0.0035	0.0017	0.0001 - 0.0033
<b>INCOME</b>					
<\$15,000	634	0.0027	0 - 0.008	0.0042	0 - 0.0125
\$15-24,999	916	0.0012	0 - 0.0036	0.0015	0 - 0.0044
\$25-34,999	685	0	0 - 0	0	0 - 0
\$35-49,999	796	0.0011	0 - 0.0033	0.0015	0 - 0.0045
\$50-74,999	695	0	0 - 0	0	0 - 0
\$75,000+	617	0.0027	0 - 0.0066	0.002	0 - 0.0047

<b>QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004</b> <b>MAJOR IMPAIRMENT OR HEALTH PROBLEMS: EYE/VISION PROBLEM</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4907	0.0038	0.002 - 0.0056	0.0038	0.002 - 0.0055
<b>REGION</b>					
Central	605	0.0046	0 - 0.0099	0.0046	0 - 0.0097
Kansas City	948	0.005	0 - 0.0107	0.0049	0 - 0.0104
Northeast	612	0.0029	0 - 0.0064	0.0023	0 - 0.005
Northwest	611	0.005	0 - 0.0101	0.0048	0 - 0.0095
Southeast	603	0.0079	0.002 - 0.0138	0.007	0.0017 - 0.0123
Southwest	605	0.005	0 - 0.0107	0.0052	0 - 0.0114
St. Louis	923	0.0013	0 - 0.0035	0.0013	0 - 0.0035
<b>GENDER</b>					
Female	2943	0.0035	0.0015 - 0.0055	0.0031	0.0013 - 0.0049
Male	1964	0.0042	0.0011 - 0.0073	0.0041	0.0012 - 0.007
<b>RACE</b>					
Black	339	0.0022	0 - 0.0065	0.0025	0 - 0.0076
Other	290	0.0096	0 - 0.0245	0.0112	0 - 0.0274
White	4240	0.0036	0.0018 - 0.0054	0.0034	0.0018 - 0.0049
<b>EDUCATION</b>					
< HS	589	0.0038	0.0005 - 0.0071	0.0019	0.0002 - 0.0037
HS	1813	0.0043	0.0014 - 0.0072	0.0041	0.0014 - 0.0068
> HS	2492	0.0035	0.0008 - 0.0062	0.0035	0.001 - 0.0061
<b>INCOME</b>					
<\$15,000	634	0.0078	0 - 0.0164	0.0076	0 - 0.0154
\$15-24,999	916	0.0037	0.001 - 0.0064	0.0023	0.0006 - 0.0041
\$25-34,999	685	0.0037	0 - 0.0074	0.0027	0 - 0.0055
\$35-49,999	796	0.007	0 - 0.0143	0.0064	0 - 0.0128
\$50-74,999	695	0.0012	0 - 0.003	0.001	0 - 0.0024
\$75,000+	617	0.0019	0 - 0.0056	0.0015	0 - 0.0044



**QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004**  
**MAJOR IMPAIRMENT OR HEALTH PROBLEMS: HEART PROBLEM**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4907	0.0139	0.01 - 0.0178	0.0136	0.0099 - 0.0173
<b>REGION</b>					
Central	605	0.0063	0.0004 - 0.0122	0.0066	0.0003 - 0.0128
Kansas City	948	0.0173	0.0075 - 0.0271	0.0172	0.0074 - 0.027
Northeast	612	0.0182	0.007 - 0.0294	0.0154	0.006 - 0.0248
Northwest	611	0.0065	0.0014 - 0.0116	0.0059	0.0012 - 0.0106
Southeast	603	0.0275	0.0144 - 0.0406	0.0249	0.0126 - 0.0373
Southwest	605	0.0126	0.004 - 0.0212	0.0113	0.0039 - 0.0188
St. Louis	923	0.0118	0.0044 - 0.0192	0.0114	0.0041 - 0.0186
<b>GENDER</b>					
Female	2943	0.0113	0.0068 - 0.0158	0.0103	0.0061 - 0.0144
Male	1964	0.0168	0.0105 - 0.0231	0.0172	0.0107 - 0.0236
<b>RACE</b>					
Black	339	0.0279	0.0036 - 0.0522	0.0295	0.004 - 0.055
Other	290	0.0079	0 - 0.0169	0.0112	0 - 0.0255
White	4240	0.0131	0.0092 - 0.017	0.0124	0.0087 - 0.0161
<b>EDUCATION</b>					
< HS	589	0.0274	0.0115 - 0.0433	0.0297	0.0099 - 0.0495
HS	1813	0.0152	0.0079 - 0.0225	0.0143	0.007 - 0.0215
> HS	2492	0.0104	0.0063 - 0.0145	0.0107	0.0064 - 0.015
<b>INCOME</b>					
<\$15,000	634	0.0372	0.0194 - 0.055	0.0349	0.0182 - 0.0516
\$15-24,999	916	0.0253	0.0133 - 0.0373	0.0232	0.0103 - 0.0362
\$25-34,999	685	0.0089	0 - 0.0187	0.0095	0 - 0.0216
\$35-49,999	796	0.0084	0.0025 - 0.0143	0.0083	0.0022 - 0.0143
\$50-74,999	695	0.004	0 - 0.0081	0.008	0 - 0.017
\$75,000+	617	0.0133	0.0025 - 0.0241	0.0123	0.0023 - 0.0223

<b>QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004</b> <b>MAJOR IMPAIRMENT OR HEALTH PROBLEMS: STROKE PROBLEM</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4907	0.0028	0.0014 - 0.0042	0.0027	0.0013 - 0.004
<b>REGION</b>					
Central	605	0.0036	0 - 0.0077	0.0036	0 - 0.0077
Kansas City	948	0.0025	0 - 0.0054	0.0026	0 - 0.0058
Northeast	612	0.002	0 - 0.0042	0.0018	0 - 0.0037
Northwest	611	0.0015	0 - 0.0037	0.0013	0 - 0.0031
Southeast	603	0.0034	0 - 0.0077	0.0029	0 - 0.0064
Southwest	605	0.0021	0 - 0.0052	0.002	0 - 0.005
St. Louis	923	0.003	0.0003 - 0.0057	0.003	0.0003 - 0.0058
<b>GENDER</b>					
Female	2943	0.0031	0.0009 - 0.0053	0.0028	0.0008 - 0.0047
Male	1964	0.0024	0.0006 - 0.0042	0.0025	0.0007 - 0.0042
<b>RACE</b>					
Black	339	0.0034	0 - 0.0075	0.0038	0 - 0.0083
Other	290	0.0025	0 - 0.0074	0.0026	0 - 0.0077
White	4240	0.0028	0.0012 - 0.0044	0.0026	0.0012 - 0.0039
<b>EDUCATION</b>					
< HS	589	0.0058	0 - 0.0125	0.0029	0 - 0.0063
HS	1813	0.0025	0.0005 - 0.0045	0.0022	0.0004 - 0.004
> HS	2492	0.0024	0.0006 - 0.0042	0.0027	0.0005 - 0.0048
<b>INCOME</b>					
<\$15,000	634	0.0135	0.0039 - 0.0231	0.0115	0.0034 - 0.0195
\$15-24,999	916	0.0035	0 - 0.007	0.0029	0 - 0.0062
\$25-34,999	685	0.0034	0 - 0.0085	0.0028	0 - 0.0069
\$35-49,999	796	0	0 - 0	0	0 - 0
\$50-74,999	695	0.0014	0 - 0.0038	0.0014	0 - 0.0036
\$75,000+	617	0	0 - 0	0	0 - 0

**QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004**  
**MAJOR IMPAIRMENT OR HEALTH PROBLEMS: HYPERTENSION/HIGH BLOOD PRESSURE**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4907	0.0029	0 - 0.0062	0.0028	0 - 0.0059
<b>REGION</b>					
Central	605	0	0 - 0	0	0 - 0
Kansas City	948	0.0006	0 - 0.0018	0.0006	0 - 0.0017
Northeast	612	0.0018	0 - 0.0053	0.0017	0 - 0.005
Northwest	611	0.0027	0 - 0.0064	0.0026	0 - 0.0061
Southeast	603	0.0015	0 - 0.0044	0.0013	0 - 0.0038
Southwest	605	0.0031	0 - 0.0068	0.003	0 - 0.0065
St. Louis	923	0.0056	0 - 0.0148	0.0054	0 - 0.014
<b>GENDER</b>					
Female	2943	0.0014	0 - 0.003	0.0014	0 - 0.003
Male	1964	0.0046	0 - 0.0115	0.0043	0 - 0.0105
<b>RACE</b>					
Black	339	0.006	0 - 0.0152	0.0066	0 - 0.017
Other	290	0.0021	0 - 0.0062	0.0022	0 - 0.0068
White	4240	0.0027	0 - 0.0066	0.0025	0 - 0.0061
<b>EDUCATION</b>					
< HS	589	0.0018	0 - 0.0045	0.0024	0 - 0.0061
HS	1813	0.0016	0 - 0.0032	0.0015	0.0001 - 0.0028
> HS	2492	0.004	0 - 0.0101	0.0038	0 - 0.0094
<b>INCOME</b>					
<\$15,000	634	0.0043	0 - 0.0088	0.0047	0 - 0.0096
\$15-24,999	916	0.0017	0 - 0.0044	0.0018	0 - 0.0049
\$25-34,999	685	0.0029	0 - 0.0086	0.0027	0 - 0.008
\$35-49,999	796	0	0 - 0	0	0 - 0
\$50-74,999	695	0.0102	0 - 0.03	0.0088	0 - 0.0254
\$75,000+	617	0	0 - 0	0	0 - 0

**QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004**  
**MAJOR IMPAIRMENT OR HEALTH PROBLEMS: DIABETES**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4907	0.0023	0.0009 - 0.0037	0.0024	0.001 - 0.0037
<b>REGION</b>					
Central	605	0.003	0 - 0.0073	0.0032	0 - 0.0079
Kansas City	948	0.0013	0 - 0.0031	0.0013	0 - 0.0033
Northeast	612	0.0059	0 - 0.0132	0.0062	0 - 0.014
Northwest	611	0.0008	0 - 0.0024	0.0007	0 - 0.0021
Southeast	603	0.0069	0 - 0.0159	0.0079	0 - 0.0185
Southwest	605	0.0018	0 - 0.0043	0.0018	0 - 0.0043
St. Louis	923	0.0014	0 - 0.0034	0.0014	0 - 0.0033
<b>GENDER</b>					
Female	2943	0.0024	0.0002 - 0.0046	0.0025	0.0002 - 0.0049
Male	1964	0.0022	0.0006 - 0.0038	0.0023	0.0006 - 0.0041
<b>RACE</b>					
Black	339	0.0012	0 - 0.0036	0.0012	0 - 0.0036
Other	290	0.0114	0.0006 - 0.0222	0.0161	0.0002 - 0.032
White	4240	0.0017	0.0003 - 0.0031	0.0017	0.0004 - 0.0031
<b>EDUCATION</b>					
< HS	589	0.0053	0 - 0.0129	0.0063	0 - 0.0168
HS	1813	0.0027	0.0005 - 0.0049	0.0025	0.0004 - 0.0047
> HS	2492	0.0015	0.0001 - 0.0029	0.0016	0 - 0.0032
<b>INCOME</b>					
<\$15,000	634	0.0041	0 - 0.0086	0.0042	0 - 0.0089
\$15-24,999	916	0.0058	0 - 0.0117	0.0059	0 - 0.0137
\$25-34,999	685	0.0054	0 - 0.0111	0.0055	0 - 0.0112
\$35-49,999	796	0	0 - 0	0	0 - 0
\$50-74,999	695	0.002	0 - 0.0049	0.0017	0 - 0.004
\$75,000+	617	0	0 - 0	0	0 - 0

**QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004**  
**MAJOR IMPAIRMENT OR HEALTH PROBLEMS: CANCER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4907	0.0023	0.0007 - 0.0039	0.0023	0.0007 - 0.0039
<b>REGION</b>					
Central	605	0.0051	0 - 0.0114	0.0052	0 - 0.0117
Kansas City	948	0.0007	0 - 0.0021	0.0007	0 - 0.0021
Northeast	612	0.0032	0 - 0.0079	0.0029	0 - 0.0072
Northwest	611	0.0015	0 - 0.0037	0.0015	0 - 0.0036
Southeast	603	0.0028	0 - 0.0071	0.0025	0 - 0.0064
Southwest	605	0.0013	0 - 0.0031	0.0012	0 - 0.003
St. Louis	923	0.0025	0 - 0.006	0.0024	0 - 0.0058
<b>GENDER</b>					
Female	2943	0.0037	0.0008 - 0.0066	0.0038	0.0008 - 0.0067
Male	1964	0.0008	0 - 0.0016	0.0008	0 - 0.0016
<b>RACE</b>					
Black	339	0	0 - 0	0	0 - 0
Other	290	0.0053	0 - 0.0135	0.0047	0 - 0.0118
White	4240	0.0023	0.0005 - 0.0041	0.0022	0.0005 - 0.004
<b>EDUCATION</b>					
< HS	589	0.0043	0 - 0.0127	0.0057	0 - 0.0166
HS	1813	0.0018	0.0002 - 0.0034	0.0016	0.0003 - 0.003
> HS	2492	0.0022	0 - 0.0044	0.0022	0.0002 - 0.0041
<b>INCOME</b>					
<\$15,000	634	0.0041	0 - 0.0096	0.0039	0 - 0.0096
\$15-24,999	916	0.0028	0 - 0.0083	0.0033	0 - 0.0098
\$25-34,999	685	0.0012	0 - 0.003	0.0012	0 - 0.0031
\$35-49,999	796	0.0035	0 - 0.0072	0.0035	0 - 0.0072
\$50-74,999	695	0.0026	0 - 0.0077	0.0021	0 - 0.0063
\$75,000+	617	0	0 - 0	0	0 - 0

**QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004**  
**MAJOR IMPAIRMENT OR HEALTH PROBLEMS: DEPRESSION, ANXIETY, OR**  
**EMOTIONAL PROBLEM**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4907	0.0098	0.0065 - 0.0131	0.01	0.0066 - 0.0133
<b>REGION</b>					
Central	605	0.0161	0.0036 - 0.0286	0.0156	0.0038 - 0.0273
Kansas City	948	0.0115	0.0037 - 0.0193	0.0113	0.0034 - 0.0191
Northeast	612	0.0027	0 - 0.0064	0.0026	0 - 0.0061
Northwest	611	0.0079	0.0005 - 0.0153	0.0093	0.0007 - 0.0179
Southeast	603	0.0061	0.0002 - 0.012	0.0061	0.0004 - 0.0118
Southwest	605	0.0121	0.0023 - 0.0219	0.0123	0.0023 - 0.0223
St. Louis	923	0.0081	0.0028 - 0.0134	0.008	0.0025 - 0.0135
<b>GENDER</b>					
Female	2943	0.0103	0.0058 - 0.0148	0.0107	0.006 - 0.0154
Male	1964	0.0093	0.0046 - 0.014	0.0093	0.0046 - 0.014
<b>RACE</b>					
Black	339	0.0078	0 - 0.0168	0.0082	0 - 0.0178
Other	290	0.0219	0 - 0.0456	0.0212	0 - 0.0436
White	4240	0.0091	0.0058 - 0.0124	0.0093	0.0059 - 0.0126
<b>EDUCATION</b>					
< HS	589	0.0152	0.004 - 0.0264	0.0166	0.005 - 0.0281
HS	1813	0.0086	0.0029 - 0.0143	0.0091	0.003 - 0.0151
> HS	2492	0.0094	0.0051 - 0.0137	0.0092	0.0049 - 0.0135
<b>INCOME</b>					
<\$15,000	634	0.041	0.0206 - 0.0614	0.0443	0.0229 - 0.0657
\$15-24,999	916	0.0149	0.0043 - 0.0255	0.0204	0.0057 - 0.0351
\$25-34,999	685	0.0043	0 - 0.0096	0.0046	0 - 0.0099
\$35-49,999	796	0.0052	0.0005 - 0.0099	0.0047	0.0004 - 0.009
\$50-74,999	695	0.0048	0 - 0.0122	0.004	0 - 0.0101
\$75,000+	617	0	0 - 0	0	0 - 0

QUALITY OF LIFE AMONG MISSOURI ADULTS, 2004					
MAJOR IMPAIRMENT OR HEALTH PROBLEMS: OTHER IMPAIRMENT/PROBLEM					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4907	0.0481	0.0399 - 0.0563	0.0476	0.0392 - 0.0561
REGION					
Central	605	0.0467	0.0302 - 0.0632	0.0482	0.0312 - 0.0653
Kansas City	948	0.051	0.0347 - 0.0673	0.0502	0.0345 - 0.0659
Northeast	612	0.0368	0.0215 - 0.0521	0.0373	0.0212 - 0.0534
Northwest	611	0.0465	0.0287 - 0.0643	0.0465	0.0285 - 0.0645
Southeast	603	0.0715	0.0478 - 0.0952	0.0713	0.047 - 0.0956
Southwest	605	0.0466	0.028 - 0.0652	0.0484	0.0288 - 0.068
St. Louis	923	0.0427	0.0247 - 0.0607	0.0422	0.0237 - 0.0606
GENDER					
Female	2943	0.0468	0.037 - 0.0566	0.0466	0.0366 - 0.0566
Male	1964	0.0494	0.0359 - 0.0629	0.0498	0.0361 - 0.0635
RACE					
Black	339	0.048	0.0174 - 0.0786	0.0428	0.0185 - 0.0671
Other	290	0.0655	0.0275 - 0.1035	0.0691	0.0316 - 0.1065
White	4240	0.0459	0.0373 - 0.0545	0.0453	0.0365 - 0.0541
EDUCATION					
< HS	589	0.0612	0.0342 - 0.0882	0.0617	0.0337 - 0.0897
HS	1813	0.0419	0.0282 - 0.0556	0.0433	0.0278 - 0.0588
> HS	2492	0.049	0.0378 - 0.0602	0.0499	0.0388 - 0.0611
INCOME					
<\$15,000	634	0.0832	0.0569 - 0.1095	0.0949	0.0633 - 0.1264
\$15-24,999	916	0.0648	0.0436 - 0.086	0.072	0.0489 - 0.0951
\$25-34,999	685	0.0373	0.0214 - 0.0532	0.035	0.0199 - 0.0501
\$35-49,999	796	0.0228	0.0124 - 0.0332	0.0227	0.0119 - 0.0335
\$50-74,999	695	0.0321	0.0178 - 0.0464	0.0359	0.0192 - 0.0525
\$75,000+	617	0.0281	0.0105 - 0.0457	0.027	0.0092 - 0.0448

## II HEALTH CARE ACCESS AND UTILIZATION

### SECTION 4. HEALTH CARE ACCESS AND UTILIZATION AMONG MISSOURI ADULTS, 2004

#### *Description of BRFSS questions regarding Health Care Access:*

All respondents were asked whether they currently had health insurance and if they were unable to see a doctor in the past year due to cost. In addition, they were asked if they thought of one person, more than one person, or no one person as their personal doctor or health care provider. Health insurance was defined as including prepaid plans such as HMOs, or government plans such as Medicare.

#### *Summary of Health Coverage:*

In 2004, 13% of Missouri adults were currently without health insurance and 12% needed to see a doctor in the last 12 months but could not due to cost. More men (16%) reported being without health care coverage than did women (11%). Respondents with lower education and income levels more often reported lack of health care coverage and inability to see a doctor due to cost. Seventy six percent of Missourians think of one person as their health care provider and 17% do not think of any one person as their health care provider. See the tables below for more detailed information on Health Care Access and Utilization reporting in Missouri by region, gender, race, education and income.



**HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2004**  
**NO HEALTH CARE COVERAGE**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4914	0.1319	0.1184 - 0.1454	0.1338	0.1203 - 0.1473
<b>REGION</b>					
Central	603	0.1591	0.1134 - 0.2048	0.1514	0.1144 - 0.1885
Kansas City	951	0.1146	0.0885 - 0.1407	0.1151	0.089 - 0.1411
Northeast	612	0.1541	0.1188 - 0.1894	0.1612	0.1235 - 0.1988
Northwest	611	0.1377	0.095 - 0.1804	0.1354	0.0994 - 0.1715
Southeast	606	0.1829	0.1425 - 0.2233	0.1953	0.1534 - 0.2373
Southwest	604	0.1728	0.1365 - 0.2091	0.1763	0.14 - 0.2125
St. Louis	927	0.0973	0.0726 - 0.122	0.0983	0.0732 - 0.1234
<b>GENDER</b>					
Female	2949	0.1086	0.0929 - 0.1243	0.1124	0.0959 - 0.1288
Male	1965	0.1576	0.1351 - 0.1801	0.1557	0.1346 - 0.1769
<b>RACE</b>					
Black	341	0.1981	0.1436 - 0.2526	0.2004	0.1469 - 0.2539
Other	295	0.1561	0.0904 - 0.2218	0.1396	0.0893 - 0.19
White	4239	0.1232	0.1091 - 0.1373	0.128	0.1133 - 0.1427
<b>EDUCATION</b>					
< HS	592	0.2304	0.1743 - 0.2865	0.2823	0.2235 - 0.3411
HS	1814	0.1659	0.1406 - 0.1912	0.1703	0.1454 - 0.1952
> HS	2495	0.0904	0.0759 - 0.1049	0.0871	0.0731 - 0.101
<b>INCOME</b>					
<\$15,000	639	0.2408	0.1877 - 0.2939	0.2679	0.2158 - 0.3201
\$15-24,999	916	0.2274	0.1907 - 0.2641	0.2692	0.228 - 0.3103
\$25-34,999	685	0.1652	0.1164 - 0.214	0.1759	0.1295 - 0.2224
\$35-49,999	796	0.1118	0.083 - 0.1406	0.108	0.0796 - 0.1364
\$50-74,999	696	0.0711	0.0433 - 0.0989	0.065	0.0389 - 0.091
\$75,000+	617	0.0277	0.0122 - 0.0432	0.026	0.0111 - 0.0409

**HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2004  
NEEDED TO SEE A DOCTOR IN THE PAST 12 MONTHS BUT COULD NOT DUE TO  
COST**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4916	0.1242	0.1115 - 0.1369	0.1251	0.1124 - 0.1379
<b>REGION</b>					
Central	605	0.14	0.0986 - 0.1814	0.1365	0.1002 - 0.1727
Kansas City	951	0.1128	0.0889 - 0.1367	0.1123	0.0884 - 0.1362
Northeast	613	0.142	0.1085 - 0.1755	0.1508	0.1156 - 0.1861
Northwest	609	0.0974	0.07 - 0.1248	0.1021	0.0743 - 0.13
Southeast	606	0.1515	0.1188 - 0.1842	0.1544	0.1199 - 0.1889
Southwest	603	0.1736	0.1383 - 0.2089	0.1778	0.1419 - 0.2136
St. Louis	929	0.0976	0.0733 - 0.1219	0.0984	0.0739 - 0.1229
<b>GENDER</b>					
Female	2947	0.1344	0.1187 - 0.1501	0.138	0.1217 - 0.1543
Male	1969	0.1131	0.0927 - 0.1335	0.111	0.0914 - 0.1306
<b>RACE</b>					
Black	341	0.171	0.1191 - 0.2229	0.1784	0.1258 - 0.2309
Other	295	0.191	0.1206 - 0.2614	0.174	0.116 - 0.232
White	4241	0.1142	0.1013 - 0.1271	0.116	0.1027 - 0.1294
<b>EDUCATION</b>					
< HS	595	0.179	0.131 - 0.227	0.1985	0.1459 - 0.251
HS	1815	0.1341	0.1118 - 0.1564	0.1376	0.1146 - 0.1605
> HS	2492	0.1069	0.091 - 0.1228	0.1038	0.0885 - 0.1191
<b>INCOME</b>					
<\$15,000	640	0.2449	0.1949 - 0.2949	0.2691	0.2191 - 0.319
\$15-24,999	913	0.235	0.1976 - 0.2724	0.2628	0.2226 - 0.3029
\$25-34,999	685	0.1374	0.0945 - 0.1803	0.1451	0.1016 - 0.1886
\$35-49,999	797	0.0862	0.0639 - 0.1085	0.0823	0.0607 - 0.1039
\$50-74,999	696	0.1015	0.0674 - 0.1356	0.0916	0.0589 - 0.1244
\$75,000+	617	0.0211	0.0097 - 0.0325	0.0214	0.0095 - 0.0334

**HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2004**  
**THINK OF ONE PERSON AS HEALTH CARE PROVIDER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4915	0.7622	0.7457 - 0.7787	0.7599	0.7435 - 0.7764
<b>REGION</b>					
Central	604	0.7682	0.7245 - 0.8119	0.7735	0.7332 - 0.8139
Kansas City	950	0.7697	0.7366 - 0.8028	0.7673	0.7342 - 0.8004
Northeast	612	0.7382	0.6943 - 0.7821	0.7294	0.6837 - 0.7751
Northwest	612	0.693	0.6428 - 0.7432	0.6983	0.6534 - 0.7432
Southeast	604	0.7062	0.6627 - 0.7497	0.6991	0.6544 - 0.7438
Southwest	605	0.7159	0.673 - 0.7588	0.7138	0.6713 - 0.7564
St. Louis	928	0.8023	0.7694 - 0.8352	0.7985	0.7658 - 0.8313
<b>GENDER</b>					
Female	2947	0.7961	0.7763 - 0.8159	0.7938	0.7734 - 0.8142
Male	1968	0.7252	0.6983 - 0.7521	0.7253	0.7 - 0.7506
<b>RACE</b>					
White	340	0.7813	0.7264 - 0.8362	0.7806	0.7275 - 0.8337
Black	294	0.7167	0.6479 - 0.7855	0.727	0.6621 - 0.7919
Other	4243	0.7664	0.7486 - 0.7842	0.7615	0.7435 - 0.7796
<b>EDUCATION</b>					
< HS	594	0.6877	0.6305 - 0.7449	0.6542	0.5974 - 0.7111
HS	1816	0.7417	0.7129 - 0.7705	0.7339	0.7049 - 0.7629
> HS	2492	0.7907	0.7695 - 0.8119	0.7904	0.7693 - 0.8116
<b>INCOME</b>					
<\$15,000	640	0.6625	0.6066 - 0.7184	0.6527	0.5986 - 0.7068
\$15-24,999	918	0.7263	0.6877 - 0.7649	0.7124	0.6715 - 0.7534
\$25-34,999	683	0.7342	0.6862 - 0.7822	0.7273	0.6787 - 0.7759
\$35-49,999	797	0.78	0.7437 - 0.8163	0.7795	0.7431 - 0.816
\$50-74,999	695	0.7973	0.7579 - 0.8367	0.7983	0.7561 - 0.8404
\$75,000+	617	0.8452	0.8101 - 0.8803	0.8286	0.7876 - 0.8696

HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2004					
THINK OF MORE THAN ONE PERSON AS HEALTH CARE PROVIDER					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4915	0.0674	0.059 - 0.0758	0.0669	0.0585 - 0.0753
REGION					
Central	604	0.072	0.0506 - 0.0934	0.0748	0.0527 - 0.097
Kansas City	950	0.0626	0.0444 - 0.0808	0.0631	0.0447 - 0.0815
Northeast	612	0.106	0.0778 - 0.1342	0.1052	0.0758 - 0.1346
Northwest	612	0.0928	0.0654 - 0.1202	0.0935	0.0663 - 0.1208
Southeast	604	0.091	0.0673 - 0.1147	0.0852	0.0628 - 0.1075
Southwest	605	0.0556	0.0368 - 0.0744	0.0529	0.0353 - 0.0706
St. Louis	928	0.0592	0.042 - 0.0764	0.0587	0.0416 - 0.0757
GENDER					
Female	2947	0.0848	0.0715 - 0.0981	0.0836	0.07 - 0.0971
Male	1968	0.0485	0.0385 - 0.0585	0.0496	0.0394 - 0.0598
RACE					
Black	340	0.0405	0.0209 - 0.0601	0.042	0.0222 - 0.0618
Other	294	0.0664	0.0315 - 0.1013	0.0674	0.0341 - 0.1007
White	4243	0.0702	0.0608 - 0.0796	0.0686	0.0592 - 0.078
EDUCATION					
< HS	594	0.0649	0.04 - 0.0898	0.0645	0.0368 - 0.0921
HS	1816	0.0634	0.0512 - 0.0756	0.0615	0.0494 - 0.0737
> HS	2492	0.0703	0.0576 - 0.083	0.0718	0.0591 - 0.0845
INCOME					
<\$15,000	640	0.0919	0.0647 - 0.1191	0.0866	0.0603 - 0.1129
\$15-24,999	918	0.057	0.0384 - 0.0756	0.0531	0.0339 - 0.0724
\$25-34,999	683	0.072	0.0477 - 0.0963	0.07	0.0463 - 0.0938
\$35-49,999	797	0.0678	0.0476 - 0.088	0.0703	0.0492 - 0.0915
\$50-74,999	695	0.0632	0.0428 - 0.0836	0.0648	0.0407 - 0.0889
\$75,000+	617	0.0624	0.0399 - 0.0849	0.0798	0.0494 - 0.1102

**HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2004  
THINK OF NO ONE PERSON AS HEALTH CARE PROVIDER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4915	0.1704	0.1553 - 0.1855	0.1732	0.1583 - 0.188
<b>REGION</b>					
Central	604	0.1598	0.1188 - 0.2008	0.1517	0.116 - 0.1873
Kansas City	950	0.1677	0.1375 - 0.1979	0.1696	0.1396 - 0.1996
Northeast	612	0.1558	0.118 - 0.1936	0.1654	0.1262 - 0.2046
Northwest	612	0.2142	0.1662 - 0.2622	0.2081	0.1672 - 0.2491
Southeast	604	0.2028	0.1624 - 0.2432	0.2157	0.1745 - 0.2569
Southwest	605	0.2286	0.1874 - 0.2698	0.2332	0.1926 - 0.2738
St. Louis	928	0.1385	0.1089 - 0.1681	0.1428	0.1134 - 0.1722
<b>GENDER</b>					
Female	2947	0.1191	0.103 - 0.1352	0.1226	0.1059 - 0.1393
Male	1968	0.2262	0.2003 - 0.2521	0.2251	0.201 - 0.2492
<b>RACE</b>					
Black	340	0.1782	0.1259 - 0.2305	0.1774	0.127 - 0.2278
Other	294	0.217	0.1535 - 0.2805	0.2056	0.146 - 0.2652
White	4243	0.1634	0.1471 - 0.1797	0.1699	0.1536 - 0.1861
<b>EDUCATION</b>					
< HS	594	0.2474	0.1921 - 0.3027	0.2813	0.2268 - 0.3358
HS	1816	0.1949	0.1673 - 0.2225	0.2046	0.1771 - 0.232
> HS	2492	0.139	0.121 - 0.157	0.1378	0.1197 - 0.1558
<b>INCOME</b>					
<\$15,000	640	0.2456	0.1905 - 0.3007	0.2607	0.2095 - 0.3118
\$15-24,999	918	0.2167	0.1804 - 0.253	0.2344	0.1954 - 0.2734
\$25-34,999	683	0.1938	0.1487 - 0.2389	0.2027	0.158 - 0.2474
\$35-49,999	797	0.1522	0.1203 - 0.1841	0.1501	0.1192 - 0.1811
\$50-74,999	695	0.1395	0.1038 - 0.1752	0.1369	0.1008 - 0.173
\$75,000+	617	0.0924	0.0642 - 0.1206	0.0916	0.0626 - 0.1206

## III HEALTH RISKS AND PREVENTIVE BEHAVIORS

### SECTION 5. ALCOHOL CONSUMPTION AMONG MISSOURI ADULTS, 2004

#### *Description of BRFSS questions regarding Alcohol Consumption:*

All respondents were asked how many days per week or per month they had at least 1 drink of any alcoholic beverage and on the days when they did drink how many drinks they had on average. A drink of alcohol was defined as 1 can or bottle of beer, 1 glass of wine, 1 can or bottle of wine cooler, 1 cocktail or 1 shot of liquor. This analysis included the percentages of respondents who had at least 1 drink per week in the past month. Also, for respondents that reported having at least 1 drink per week the percentages of those who had two or more drinks on average and 5 or more drinks on average when they did drink. This analysis also included binge drinking (more than 5 drinks on any one occasion) and heavy drinking (more than 1 drink per day).

#### *Summary of Alcohol Consumption:*

In 2004, 52% of Missouri adults had at least one drink per week in the past 30 days, with large differences reported by region. Six percent of Missourians reported heavy drinking and 16% reported binge drinking, as defined above. Overall, more men (60%) and respondents with higher education and income levels reported having at least one drink per week as compared to women (44%) and respondents with lower education and income levels. Sixty three percent of respondents reported having 2 or more drinks on average for those occasions when they did drink and 31% reported having 5 or more drinks. Again, men (73%, 41%) reported having more drinks on a given occasion than did women (51%, 20%) when reporting about 2 or more and 5 or more drinks respectively. More respondents with the lowest education and income had 2 or more drinks when they drank than did those with the highest education and income. There were no differences among respondents' education and income levels when reporting binge drinking. See the tables below for more detailed information on Alcohol Consumption reporting in Missouri by region, gender, race, education and income.

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ALCOHOL CONSUMPTION: HAD AT LEAST 1 DRINK PER WEEK IN THE PAST 30  
DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4913	0.518	0.4986 - 0.5374	0.5222	0.503 - 0.5415
<b>REGION</b>					
Central	605	0.5207	0.4719 - 0.5695	0.5192	0.4725 - 0.5658
Kansas City	951	0.5193	0.4817 - 0.5569	0.5206	0.4834 - 0.5579
Northeast	613	0.38	0.3324 - 0.4276	0.3982	0.3498 - 0.4466
Northwest	610	0.4468	0.3954 - 0.4982	0.4462	0.4017 - 0.4907
Southeast	602	0.4254	0.3778 - 0.473	0.4449	0.3977 - 0.4922
Southwest	605	0.4461	0.3998 - 0.4924	0.4489	0.4044 - 0.4934
St. Louis	927	0.5984	0.5582 - 0.6386	0.5966	0.5566 - 0.6366
<b>GENDER</b>					
Female	2949	0.444	0.4191 - 0.4689	0.4544	0.4293 - 0.4794
Male	1964	0.5986	0.5694 - 0.6278	0.5975	0.5685 - 0.6265
<b>RACE</b>					
Black	341	0.4091	0.3403 - 0.4779	0.3983	0.3342 - 0.4624
Other	295	0.4338	0.3566 - 0.511	0.4125	0.3409 - 0.484
White	4239	0.5348	0.514 - 0.5556	0.5421	0.5212 - 0.5631
<b>EDUCATION</b>					
< HS	593	0.3173	0.2577 - 0.3769	0.3766	0.3127 - 0.4405
HS	1810	0.4712	0.4387 - 0.5037	0.478	0.4449 - 0.5111
> HS	2496	0.5909	0.5648 - 0.617	0.5868	0.5609 - 0.6127
<b>INCOME</b>					
<\$15,000	637	0.4058	0.3488 - 0.4628	0.4167	0.366 - 0.4675
\$15-24,999	917	0.3821	0.3388 - 0.4254	0.3899	0.3468 - 0.433
\$25-34,999	685	0.4972	0.4443 - 0.5501	0.5079	0.4554 - 0.5604
\$35-49,999	797	0.5334	0.4879 - 0.5789	0.5269	0.4809 - 0.573
\$50-74,999	693	0.5801	0.5297 - 0.6305	0.5651	0.5106 - 0.6196
\$75,000+	617	0.7302	0.6863 - 0.7741	0.725	0.6771 - 0.7728

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ALCOHOL CONSUMPTION: HAD TWO OR MORE DRINKS WHEN DRANK IN THE  
PAST 30 DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2214	0.6312	0.6047 - 0.6577	0.6067	0.5812 - 0.6322
<b>REGION</b>					
Central	292	0.6413	0.5794 - 0.7032	0.5898	0.5331 - 0.6464
Kansas City	464	0.6433	0.5951 - 0.6915	0.6117	0.5666 - 0.6568
Northeast	219	0.6467	0.5767 - 0.7167	0.6258	0.5586 - 0.6931
Northwest	237	0.6806	0.6104 - 0.7508	0.6102	0.5457 - 0.6747
Southeast	223	0.6453	0.5698 - 0.7208	0.6084	0.5388 - 0.678
Southwest	245	0.5825	0.5119 - 0.6531	0.5533	0.4884 - 0.6181
St. Louis	534	0.6292	0.5786 - 0.6798	0.6209	0.5723 - 0.6695
<b>GENDER</b>					
Female	1147	0.5114	0.4724 - 0.5504	0.4804	0.4449 - 0.5159
Male	1067	0.7281	0.6942 - 0.762	0.7075	0.674 - 0.741
<b>RACE</b>					
Black	133	0.5477	0.4391 - 0.6563	0.5308	0.4256 - 0.6361
Other	125	0.735	0.6433 - 0.8267	0.74	0.6526 - 0.8274
White	1940	0.6302	0.6018 - 0.6586	0.6093	0.582 - 0.6365
<b>EDUCATION</b>					
< HS	145	0.683	0.5721 - 0.7939	0.671	0.571 - 0.7709
HS	721	0.6602	0.6145 - 0.7059	0.6445	0.6008 - 0.6882
> HS	1346	0.6105	0.5768 - 0.6442	0.5838	0.5516 - 0.6159
<b>INCOME</b>					
<\$15,000	195	0.7477	0.6718 - 0.8236	0.6915	0.6198 - 0.7633
\$15-24,999	317	0.6001	0.5274 - 0.6728	0.5992	0.5318 - 0.6666
\$25-34,999	310	0.6206	0.5455 - 0.6957	0.6057	0.5377 - 0.6737
\$35-49,999	387	0.6172	0.5562 - 0.6782	0.5984	0.5406 - 0.6562
\$50-74,999	399	0.6506	0.5891 - 0.7121	0.6146	0.5546 - 0.6746
\$75,000+	418	0.6479	0.5901 - 0.7057	0.622	0.5603 - 0.6838



**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ALCOHOL CONSUMPTION: HAD FIVE OR MORE DRINKS WHEN DRANK IN THE  
PAST 30 DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2210	0.3143	0.2871 - 0.3415	0.2929	0.2682 - 0.3176
<b>REGION</b>					
Central	292	0.3289	0.2623 - 0.3955	0.2933	0.2369 - 0.3498
Kansas City	461	0.3126	0.2605 - 0.3647	0.2893	0.244 - 0.3345
Northeast	219	0.3279	0.2519 - 0.4039	0.3074	0.241 - 0.3739
Northwest	240	0.3533	0.2712 - 0.4354	0.3065	0.2397 - 0.3733
Southeast	223	0.3371	0.2626 - 0.4116	0.3095	0.2468 - 0.3722
Southwest	244	0.2921	0.2231 - 0.3611	0.2631	0.2041 - 0.3221
St. Louis	531	0.3087	0.2572 - 0.3602	0.2995	0.2503 - 0.3487
<b>GENDER</b>					
Female	1148	0.1986	0.1665 - 0.2307	0.1799	0.1513 - 0.2086
Male	1062	0.4089	0.3685 - 0.4493	0.3847	0.3479 - 0.4216
<b>RACE</b>					
Black	132	0.2134	0.1228 - 0.304	0.2073	0.1194 - 0.2951
Other	124	0.3669	0.2491 - 0.4847	0.3437	0.2322 - 0.4553
White	1938	0.3175	0.2883 - 0.3467	0.2991	0.2721 - 0.3262
<b>EDUCATION</b>					
< HS	145	0.4111	0.287 - 0.5352	0.4074	0.301 - 0.5139
HS	715	0.349	0.2984 - 0.3996	0.3298	0.2837 - 0.3759
> HS	1348	0.2863	0.2538 - 0.3188	0.2667	0.2371 - 0.2963
<b>INCOME</b>					
<\$15,000	197	0.4129	0.3151 - 0.5107	0.3973	0.3161 - 0.4784
\$15-24,999	314	0.3393	0.2621 - 0.4165	0.3239	0.2576 - 0.3901
\$25-34,999	311	0.3299	0.2542 - 0.4056	0.3057	0.2399 - 0.3716
\$35-49,999	384	0.3304	0.2636 - 0.3972	0.3155	0.2528 - 0.3783
\$50-74,999	398	0.3266	0.2633 - 0.3899	0.2906	0.2318 - 0.3494
\$75,000+	418	0.2707	0.215 - 0.3264	0.2643	0.2092 - 0.3194

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004**  
**ALCOHOL CONSUMPTION: HEAVY DRINKING  $\geq$ 1 DRINK PER DAY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4896	0.0603	0.0499 - 0.0707	0.0606	0.0503 - 0.071
<b>REGION</b>					
Central	604	0.0574	0.0349 - 0.0799	0.0554	0.0339 - 0.077
Kansas City	948	0.0645	0.0439 - 0.0851	0.0664	0.0461 - 0.0868
Northeast	611	0.0366	0.0195 - 0.0537	0.0351	0.0183 - 0.052
Northwest	607	0.0694	0.0294 - 0.1094	0.0649	0.033 - 0.0969
Southeast	600	0.0309	0.0107 - 0.0511	0.0342	0.0113 - 0.0571
Southwest	602	0.051	0.0279 - 0.0741	0.051	0.0286 - 0.0733
St. Louis	924	0.073	0.0499 - 0.0961	0.074	0.0507 - 0.0974
<b>GENDER</b>					
Female	2942	0.0443	0.0329 - 0.0557	0.0457	0.0342 - 0.0573
Male	1954	0.0778	0.0598 - 0.0958	0.0767	0.0592 - 0.0941
<b>RACE</b>					
Black	339	0.0431	0.0157 - 0.0705	0.0405	0.0169 - 0.064
Other	293	0.0679	0.025 - 0.1108	0.0622	0.0261 - 0.0982
White	4226	0.0611	0.0495 - 0.0727	0.0627	0.051 - 0.0745
<b>EDUCATION</b>					
< HS	588	0.061	0.0255 - 0.0965	0.0678	0.0274 - 0.1082
HS	1805	0.0568	0.0397 - 0.0739	0.0586	0.0408 - 0.0764
> HS	2489	0.0626	0.0483 - 0.0769	0.0624	0.0485 - 0.0763
<b>INCOME</b>					
<\$15,000	632	0.0739	0.039 - 0.1088	0.0744	0.0401 - 0.1087
\$15-24,999	916	0.0523	0.0292 - 0.0754	0.0487	0.0295 - 0.0679
\$25-34,999	683	0.0682	0.0345 - 0.1019	0.068	0.036 - 0.0999
\$35-49,999	795	0.0621	0.038 - 0.0862	0.0603	0.0373 - 0.0832
\$50-74,999	693	0.0577	0.0348 - 0.0806	0.059	0.0337 - 0.0843
\$75,000+	616	0.071	0.0408 - 0.1012	0.0758	0.0415 - 0.1101

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ALCOHOL CONSUMPTION: BINGE DRINKING  $\geq$ 5 DRINKS ON ONE OCCASION**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4891	0.1622	0.1467 - 0.1777	0.1646	0.1491 - 0.18
<b>REGION</b>					
Central	604	0.1708	0.1316 - 0.21	0.1661	0.1297 - 0.2026
Kansas City	945	0.1615	0.1309 - 0.1921	0.1633	0.1335 - 0.1931
Northeast	611	0.124	0.0895 - 0.1585	0.1281	0.0916 - 0.1645
Northwest	609	0.1582	0.1163 - 0.2001	0.1563	0.1184 - 0.1941
Southeast	600	0.1434	0.1079 - 0.1789	0.1584	0.1205 - 0.1962
Southwest	601	0.1286	0.0945 - 0.1627	0.1317	0.0984 - 0.165
St. Louis	921	0.1844	0.1507 - 0.2181	0.1848	0.1515 - 0.2181
<b>GENDER</b>					
Female	2943	0.0881	0.0728 - 0.1034	0.092	0.0763 - 0.1076
Male	1948	0.2434	0.2162 - 0.2706	0.2399	0.2136 - 0.2662
<b>RACE</b>					
Black	338	0.0861	0.0467 - 0.1255	0.081	0.0455 - 0.1164
Other	292	0.1571	0.0971 - 0.2171	0.1413	0.0898 - 0.1929
White	4223	0.1693	0.1521 - 0.1865	0.1753	0.1578 - 0.1927
<b>EDUCATION</b>					
< HS	587	0.1296	0.079 - 0.1802	0.1649	0.1041 - 0.2256
HS	1799	0.163	0.1363 - 0.1897	0.1696	0.1424 - 0.1969
> HS	2491	0.1689	0.1481 - 0.1897	0.1657	0.1457 - 0.1856
<b>INCOME</b>					
<\$15,000	633	0.1661	0.1214 - 0.2108	0.1829	0.1359 - 0.23
\$15-24,999	913	0.1294	0.0943 - 0.1645	0.1369	0.1032 - 0.1706
\$25-34,999	684	0.1639	0.1216 - 0.2062	0.172	0.1297 - 0.2144
\$35-49,999	792	0.1745	0.1343 - 0.2147	0.1682	0.13 - 0.2065
\$50-74,999	692	0.1896	0.1486 - 0.2306	0.1685	0.1297 - 0.2073
\$75,000+	616	0.1976	0.1553 - 0.2399	0.1943	0.1518 - 0.2368

## SECTION 6. ENVIRONMENTAL FACTORS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Environmental Factors:*

All respondents were asked if in the past 12 months they had an illness or symptoms they believed was caused by either something in the air inside a home, office, or other building or by pollution in the air outdoors. Dust, mold, smoke, and chemicals were identified as causes of poor indoor air quality. Smog, automobile exhaust, and chemicals were listed as causes of outdoor air pollution.

### *Summary of Environmental Factors:*

In 2004, 24% of Missouri adults believed they had an illness or symptoms caused by poor indoor air quality and 10% by outdoor pollution. Beliefs regarding illness caused by environmental factors do not vary widely by gender, race, education or income. See the tables below for more detailed information on Alcohol Consumption reporting in Missouri by region, gender, race, education and income.

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL FACTORS: ILLNESS OR SYMPTOMS CAUSED BY  
SOMETHING IN THE AIR INSIDE, IN THE PAST 12 MONTHS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4860	0.2414	0.2245 - 0.2583	0.2437	0.2266 - 0.2607
<b>REGION</b>					
Central	599	0.2676	0.2188 - 0.3164	0.2624	0.2195 - 0.3054
Kansas City	938	0.2439	0.2106 - 0.2772	0.2423	0.2091 - 0.2754
Northeast	605	0.2252	0.1831 - 0.2673	0.2338	0.1903 - 0.2773
Northwest	604	0.1854	0.1484 - 0.2224	0.1867	0.1509 - 0.2226
Southeast	595	0.2267	0.1873 - 0.2661	0.2328	0.1918 - 0.2737
Southwest	597	0.2336	0.194 - 0.2732	0.2362	0.1961 - 0.2764
St. Louis	922	0.2472	0.2123 - 0.2821	0.2485	0.2134 - 0.2836
<b>GENDER</b>					
Female	2920	0.2605	0.2384 - 0.2826	0.2665	0.2438 - 0.2893
Male	1940	0.2206	0.1947 - 0.2465	0.2184	0.1933 - 0.2435
<b>RACE</b>					
Black	338	0.2006	0.1494 - 0.2518	0.2091	0.1575 - 0.2606
Other	289	0.3152	0.2356 - 0.3948	0.2851	0.2204 - 0.3498
White	4195	0.2404	0.2224 - 0.2584	0.2447	0.2261 - 0.2633
<b>EDUCATION</b>					
< HS	585	0.2452	0.1899 - 0.3005	0.2761	0.2185 - 0.3338
HS	1795	0.2256	0.1986 - 0.2526	0.2317	0.2035 - 0.26
> HS	2467	0.2513	0.228 - 0.2746	0.2477	0.2245 - 0.2708
<b>INCOME</b>					
<\$15,000	629	0.2733	0.2243 - 0.3223	0.3028	0.2489 - 0.3567
\$15-24,999	905	0.2238	0.1873 - 0.2603	0.2425	0.203 - 0.2821
\$25-34,999	677	0.2244	0.1778 - 0.271	0.2302	0.1833 - 0.277
\$35-49,999	786	0.2842	0.2415 - 0.3269	0.2785	0.2368 - 0.3203
\$50-74,999	691	0.2428	0.1999 - 0.2857	0.2248	0.1805 - 0.2691
\$75,000+	610	0.2414	0.1957 - 0.2871	0.2401	0.194 - 0.2861

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL FACTORS: ILLNESS OR SYMPTOMS CAUSED BY POLLUTION  
IN THE AIR OUTSIDE, IN THE PAST 12 MONTHS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4867	0.1032	0.0914 - 0.115	0.1033	0.0914 - 0.1153
<b>REGION</b>					
Central	597	0.1005	0.0638 - 0.1372	0.0993	0.0662 - 0.1324
Kansas City	941	0.1148	0.0899 - 0.1397	0.114	0.0889 - 0.1391
Northeast	608	0.0856	0.0556 - 0.1156	0.0856	0.0556 - 0.1155
Northwest	607	0.0847	0.0592 - 0.1102	0.0862	0.0611 - 0.1113
Southeast	600	0.0904	0.0663 - 0.1145	0.0895	0.0654 - 0.1136
Southwest	597	0.1017	0.0725 - 0.1309	0.1043	0.0745 - 0.1341
St. Louis	917	0.1065	0.0832 - 0.1298	0.1059	0.0822 - 0.1297
<b>GENDER</b>					
Female	2921	0.1178	0.1019 - 0.1337	0.1184	0.1023 - 0.1345
Male	1946	0.0873	0.0699 - 0.1047	0.0865	0.0695 - 0.1036
<b>RACE</b>					
Black	337	0.1233	0.0821 - 0.1645	0.131	0.0887 - 0.1734
Other	289	0.1758	0.1058 - 0.2458	0.1764	0.112 - 0.2409
White	4205	0.0952	0.0832 - 0.1072	0.0955	0.0834 - 0.1077
<b>EDUCATION</b>					
< HS	586	0.0992	0.0582 - 0.1402	0.1113	0.0693 - 0.1532
HS	1800	0.0958	0.0778 - 0.1138	0.0966	0.0778 - 0.1155
> HS	2469	0.1092	0.0929 - 0.1255	0.1074	0.091 - 0.1239
<b>INCOME</b>					
<\$15,000	624	0.1425	0.1033 - 0.1817	0.1653	0.1192 - 0.2113
\$15-24,999	913	0.1291	0.1003 - 0.1579	0.1459	0.1124 - 0.1794
\$25-34,999	679	0.0984	0.0608 - 0.136	0.1028	0.0646 - 0.141
\$35-49,999	793	0.0964	0.0697 - 0.1231	0.093	0.0667 - 0.1193
\$50-74,999	690	0.0955	0.0659 - 0.1251	0.0986	0.0629 - 0.1342
\$75,000+	608	0.0857	0.0573 - 0.1141	0.0792	0.0498 - 0.1086

## SECTION 7. SERVINGS OF FRUITS AND VEGETABLES AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Servings of Fruits and Vegetables:*

All respondents were asked the total number of servings of fruits and vegetables they consumed per day.

### *Summary of Servings of Fruits and Vegetables:*

In 2004, 24% of Missouri adults reported eating at least 5 servings of fruits and vegetables per day in the past year. More women (27%) reported eating at least 5 servings of fruits and vegetables per day than did men (20%). Higher levels of education were positively associated with higher reporting of consuming 5 servings of fruits and vegetables per day. See the table below for more detailed information on Servings of Fruits and Vegetables reporting in Missouri by region, gender, race, education and income.

### *5 A Day for Better Health*



The 5 A Day for Better Health program was developed in 1991 as a partnership between the National Cancer Institute and the Produce for Better Health Foundation. The purpose is for government agencies, not-for-profit groups, and industry to collaborate to expand 5 A Day efforts to increase consumption of fruits and vegetables for improved public health.

The Missouri Department of Health and Senior Services is the lead agency to coordinate 5 A Day programs within our state to reach consumers with the 5 A Day message. The national partnership is implemented at the community level through statewide partnerships and coalitions involving a diverse group of industry, government, businesses, organizations, and agencies interested in furthering 5 A Day in Missouri.

According to the Healthy People 2010 objectives published by the U.S. Department of Health and Human Services the national 5 A Day for Better Health program seeks to increase the number of servings of fruits and vegetables consumed each day to a minimum of five a day for 75 percent of Americans by 2010. Along with this main goal, the program works to inform Missourians that eating fruits and vegetables can improve their health and may reduce their risk of cancer. Another objective is to show easy ways to add more fruits and vegetables to one's daily eating pattern.

This information originated from the DHSS website at [http://www.dhss.mo.gov/Nutrition\\_Everyone/index.html](http://www.dhss.mo.gov/Nutrition_Everyone/index.html) and <http://www.dhss.mo.gov/5aday/index.html>

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
FRUITS AND VEGETABLES: EAT 5 OR MORE SERVINGS OF FRUITS AND  
VEGETABLES PER DAY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4590	0.2406	0.2235 - 0.2577	0.2395	0.2224 - 0.2565
<b>REGION</b>					
Central	567	0.2281	0.1832 - 0.273	0.2252	0.1841 - 0.2664
Kansas City	882	0.2359	0.203 - 0.2688	0.237	0.2041 - 0.2699
Northeast	564	0.2513	0.2021 - 0.3005	0.2388	0.1922 - 0.2855
Northwest	574	0.2405	0.1999 - 0.2811	0.2458	0.206 - 0.2856
Southeast	572	0.2299	0.1905 - 0.2693	0.2281	0.1879 - 0.2683
Southwest	560	0.2245	0.1869 - 0.2621	0.2234	0.1856 - 0.2612
St. Louis	871	0.2556	0.2191 - 0.2921	0.2562	0.2193 - 0.293
<b>GENDER</b>					
Female	2779	0.2749	0.252 - 0.2978	0.2722	0.2493 - 0.2951
Male	1811	0.2021	0.177 - 0.2272	0.203	0.1781 - 0.2279
<b>RACE</b>					
Black	314	0.2626	0.1958 - 0.3294	0.276	0.2107 - 0.3413
Other	270	0.3058	0.2233 - 0.3883	0.2998	0.2293 - 0.3704
White	3976	0.2328	0.215 - 0.2506	0.2299	0.2121 - 0.2478
<b>EDUCATION</b>					
< HS	532	0.1921	0.137 - 0.2472	0.1619	0.1172 - 0.2066
HS	1687	0.2012	0.1749 - 0.2275	0.201	0.174 - 0.2281
> HS	2363	0.2747	0.2508 - 0.2986	0.2784	0.2543 - 0.3025
<b>INCOME</b>					
<\$15,000	594	0.1991	0.1577 - 0.2405	0.194	0.1529 - 0.2352
\$15-24,999	854	0.2332	0.1928 - 0.2736	0.2274	0.1855 - 0.2694
\$25-34,999	647	0.2646	0.2115 - 0.3177	0.2558	0.2042 - 0.3073
\$35-49,999	758	0.1925	0.1574 - 0.2276	0.1965	0.1605 - 0.2326
\$50-74,999	666	0.2574	0.2125 - 0.3023	0.272	0.2214 - 0.3226
\$75,000+	600	0.2585	0.2152 - 0.3018	0.266	0.2192 - 0.3129



## SECTION 8. IMMUNIZATIONS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Immunizations:*

All respondents were asked whether they had received a flu vaccination injection in the past 12 months, the flu vaccine nasal spray within the past 12 months and whether they had ever received a pneumonia vaccination. In this analysis, the percentage of adults age 65 and older that had either a flu vaccine (injection or spray) in the past year or ever had a pneumonia vaccination was examined.

### *Summary of Immunizations:*

In 2004, 69% of Missouri adults age 65 and older received a flu vaccine injection within the last year, 0.54% reported receiving the flu vaccine nasal spray within the past 12 months, and 67% of adults age 65 and older reported ever receiving a pneumonia vaccination. More whites had a flu injection within the past 12 months and had ever received a pneumonia injection than blacks. See the tables below for more detailed information on Immunization reporting in Missouri by region, gender, race, education and income.

Influenza and pneumonia are still the seventh-leading cause of death in Missouri and the nation. Ninety percent of the 1,594 deaths in Missouri in 2004 occurred in people over 65. Flu vaccine is 50-60 percent effective in preventing hospitalization in this group and 80 percent effective in preventing death. [Missouri's health care providers](#), along with the Missouri Department of Health and Senior Services and other state, federal, and local agencies, are implementing many efforts to immunize this population, which would greatly reduce influenza disease and its frequent complications among this group of people.

### *Additional information about Immunizations:*

[Vaccines](#) have all but eliminated most of these diseases, saving untold numbers of lives and millions of dollars in health care costs. However, people must receive immunizations before vaccines can work. [Missouri's immunization program](#) is working with public and private health care providers to immunize 90 percent of Missouri's children by the time they are two years old with recommended vaccines. In achieving this goal, [vaccine-preventable diseases](#) will be reduced or eliminated.

An important part of this effort is to assure that immunizations are available to children and adults who have no way to pay for them. Through the federally funded [Vaccines for Children program](#), [local public health agencies](#) and private medical offices give free vaccine to those through age 18 who have no insurance and those who are on Medicaid.

Vaccines are safe and effective. Many agencies and organizations have developed excellent information about how vaccines work, when people should receive them, and the benefits of being protected from vaccine-preventable diseases. This website and the many sources linked to it provide the general public and health care providers with reliable information on vaccines and immunizations.

This information originated from the DHSS website at <http://www.dhss.mo.gov/Immunizations/>

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004					
IMMUNIZATIONS: AGE 65+, FLU SHOT IN THE PAST 12 MONTHS					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	1297	0.6913	0.6574 - 0.7252	0.6919	0.658 - 0.7258
REGION					
Central	156	0.7541	0.6796 - 0.8286	0.7541	0.6796 - 0.8286
Kansas City	232	0.692	0.6248 - 0.7592	0.692	0.6248 - 0.7593
Northeast	183	0.7116	0.641 - 0.7822	0.7116	0.641 - 0.7821
Northwest	173	0.7117	0.639 - 0.7844	0.7164	0.644 - 0.7887
Southeast	182	0.736	0.6664 - 0.8056	0.736	0.6665 - 0.8056
Southwest	163	0.6998	0.6222 - 0.7774	0.6998	0.6222 - 0.7774
St. Louis	208	0.6439	0.5655 - 0.7223	0.645	0.5664 - 0.7236
GENDER					
Female	849	0.6796	0.6367 - 0.7225	0.6803	0.6374 - 0.7232
Male	448	0.7081	0.653 - 0.7632	0.7086	0.6535 - 0.7637
RACE					
Black	68	0.4848	0.3384 - 0.6312	0.4893	0.3419 - 0.6367
Other	52	0.568	0.4079 - 0.7281	0.568	0.4078 - 0.7281
White	1161	0.7111	0.6754 - 0.7468	0.7113	0.6757 - 0.747
EDUCATION					
< HS	282	0.69	0.6165 - 0.7635	0.69	0.6165 - 0.7635
HS	526	0.6897	0.6378 - 0.7416	0.6907	0.6387 - 0.7426
> HS	482	0.6925	0.6361 - 0.7489	0.693	0.6366 - 0.7495
INCOME					
<\$15,000	234	0.6651	0.5847 - 0.7455	0.6677	0.5871 - 0.7482
\$15-24,999	351	0.6937	0.6298 - 0.7576	0.6937	0.6298 - 0.7576
\$25-34,999	210	0.6881	0.5979 - 0.7783	0.6881	0.5979 - 0.7782
\$35-49,999	123	0.7438	0.6438 - 0.8438	0.7438	0.6438 - 0.8438
\$50-74,999	71	0.6913	0.5433 - 0.8393	0.6913	0.5433 - 0.8393
\$75,000+	48		Insuff Data		Insuff Data

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
IMMUNIZATIONS: AGE 65+, FLU NASAL SPRAY IN THE PAST 12 MONTHS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1296	0.0054	0.0015 - 0.0093	0.0054	0.0015 - 0.0093
<b>REGION</b>					
Central	156	0.0164	0 - 0.0364	0.0164	0 - 0.0364
Kansas City	232	0.0021	0 - 0.0062	0.0021	0 - 0.0062
Northeast	182	0.0066	0 - 0.0195	0.0066	0 - 0.0196
Northwest	173	0	0 - 0	0	0 - 0
Southeast	182	0.0096	0 - 0.0245	0.0096	0 - 0.0245
Southwest	163	0.0105	0 - 0.0252	0.0105	0 - 0.0252
St. Louis	208	0	0 - 0	0	0 - 0
<b>GENDER</b>					
Female	848	0.0085	0.002 - 0.015	0.0085	0.002 - 0.015
Male	448	0.001	0 - 0.003	0.001	0 - 0.0029
<b>RACE</b>					
Black	68	0	0 - 0	0	0 - 0
Other	52	0	0 - 0	0	0 - 0
White	1160	0.0061	0.0018 - 0.0104	0.0061	0.0017 - 0.0104
<b>EDUCATION</b>					
< HS	282	0.0087	0 - 0.0209	0.0087	0 - 0.0209
HS	526	0.0062	0 - 0.0129	0.0062	0 - 0.0128
> HS	481	0.0031	0 - 0.0066	0.0031	0 - 0.0066
<b>INCOME</b>					
<\$15,000	234	0.0173	0 - 0.0369	0.0174	0 - 0.037
\$15-24,999	350	0.0055	0 - 0.0135	0.0055	0 - 0.0135
\$25-34,999	210	0.0016	0 - 0.0047	0.0016	0 - 0.0048
\$35-49,999	123	0.0066	0 - 0.0158	0.0066	0 - 0.0158
\$50-74,999	71	0	0 - 0	0	0 - 0
\$75,000+	48		Insuff Data		Insuff Data

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
IMMUNIZATIONS: AGE 65+, PNEUMONIA VACCINATION IN THE PAST 12  
MONTHS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1273	0.6708	0.6371 - 0.7045	0.6714	0.6377 - 0.7051
<b>REGION</b>					
Central	155	0.6825	0.6023 - 0.7627	0.6825	0.6023 - 0.7626
Kansas City	227	0.6634	0.593 - 0.7338	0.6634	0.5931 - 0.7338
Northeast	177	0.6751	0.6018 - 0.7484	0.6751	0.6018 - 0.7484
Northwest	169	0.6226	0.5377 - 0.7075	0.6268	0.5417 - 0.7118
Southeast	180	0.618	0.5384 - 0.6976	0.618	0.5384 - 0.6976
Southwest	161	0.6252	0.5419 - 0.7085	0.6252	0.5419 - 0.7085
St. Louis	204	0.7172	0.6443 - 0.7901	0.7184	0.6453 - 0.7915
<b>GENDER</b>					
Female	837	0.6637	0.622 - 0.7054	0.6643	0.6226 - 0.7061
Male	436	0.6812	0.6249 - 0.7375	0.6817	0.6254 - 0.7379
<b>RACE</b>					
Black	65	0.4352	0.2833 - 0.5871	0.4394	0.2864 - 0.5925
Other	52	0.6183	0.4609 - 0.7757	0.6183	0.4609 - 0.7757
White	1141	0.6902	0.6549 - 0.7255	0.6905	0.6552 - 0.7257
<b>EDUCATION</b>					
< HS	278	0.6224	0.5483 - 0.6965	0.6224	0.5483 - 0.6965
HS	517	0.6659	0.6132 - 0.7186	0.6669	0.614 - 0.7198
> HS	471	0.6994	0.6445 - 0.7543	0.6999	0.645 - 0.7548
<b>INCOME</b>					
<\$15,000	232	0.6439	0.5641 - 0.7237	0.6464	0.5664 - 0.7264
\$15-24,999	346	0.6672	0.6035 - 0.7309	0.6672	0.6035 - 0.7309
\$25-34,999	204	0.7272	0.6496 - 0.8048	0.7272	0.6496 - 0.8048
\$35-49,999	121	0.7328	0.6366 - 0.829	0.7328	0.6366 - 0.8291
\$50-74,999	69	0.5413	0.3821 - 0.7005	0.5413	0.3822 - 0.7005
\$75,000+	48		Insuff Data		Insuff Data

## SECTION 9. PHYSICAL ACTIVITY AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Physical Activity:*

All respondents were asked if, other than at their regular job, they participated in any physical activities or exercises. Exercise was defined as activities such as running, calisthenics, golf, gardening, or walking. This analysis included percentages of adults who reported no physical activity.

### *Summary of Physical Activity:*

In 2004, 25% of Missouri adults reported having no physical activity. More blacks and respondents of lower education and income levels reported no physical activity than whites or respondents with higher education and income levels. See the tables below for more detailed information on Physical Activity reporting in Missouri by region, gender, race, education and income.

### *Additional Information about Physical Activity:*

Physical activity benefits Missourians of all ages. It improves our quality of life and increases our sense of well-being. Physical activity helps build and maintain strong muscles, bones, and joints; it reduces risk for chronic disease, and helps prevent unwanted weight gain. Physical activity also reduces stress and anxiety. According to the Centers for Disease Control and Prevention, people of all ages can improve their health and well-being by becoming “moderately” active on a regular basis. An example of “moderate-intensity” activity would be walking briskly. “Regular” activity means being active on most days of the week, preferably daily.

**Children and teens** need at least 60 minutes of physical activity every day to build strength and endurance, and improve motor skills and coordination. Physical activity helps build lean muscle and strong bones, while reducing the risk for type 2 diabetes and unhealthy weight gain. In addition, physical activity can improve mental alertness, reduce stress, enhance school performance, and boost self-esteem. **Adults** need at least 30 minutes of moderate-intensity physical activity 5 or more days a week to reduce the risk of chronic disease. However, for most people, greater health benefits can be obtained by engaging in physical activity of more vigorous intensity or longer duration. To help manage body weight and prevent gradual, unhealthy body weight gain in adulthood, the 2005 U.S. Dietary Guidelines advise 60 minutes of moderate- to vigorous-intensity activity on most days of the week. To sustain weight loss, at least 60 to 90 minutes of daily activity is needed. **Disabled individuals** find that physical activity improves stamina, muscle strength and psychological well being. **Older adults and seniors** benefit from physical activity because it helps prolong our ability to live independently. Muscle strengthening exercises can reduce the risk of falling. Increased physical activity has been associated with an increased life expectancy, and overall physical, psychological and social benefits.

This information originated from the DHSS website at <http://www.dhss.mo.gov/PhysicalActivity/>

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004**  
**PHYSICAL ACTIVITY: NO PHYSICAL ACTIVITY PAST 30 DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4922	0.2483	0.232 - 0.2646	0.2455	0.2292 - 0.2618
<b>REGION</b>					
Central	606	0.2809	0.2352 - 0.3266	0.2769	0.2338 - 0.32
Kansas City	952	0.2471	0.2148 - 0.2794	0.247	0.2151 - 0.279
Northeast	612	0.2731	0.2274 - 0.3188	0.2719	0.226 - 0.3177
Northwest	612	0.2861	0.2371 - 0.3351	0.2851	0.2386 - 0.3315
Southeast	606	0.3061	0.2651 - 0.3471	0.2978	0.2572 - 0.3383
Southwest	605	0.2598	0.2196 - 0.3	0.2556	0.2154 - 0.2957
St. Louis	929	0.2096	0.1773 - 0.2419	0.2083	0.1758 - 0.2408
<b>GENDER</b>					
Female	2952	0.2651	0.2437 - 0.2865	0.2588	0.2375 - 0.2802
Male	1970	0.2301	0.2056 - 0.2546	0.2298	0.2055 - 0.2541
<b>RACE</b>					
Black	341	0.3617	0.2921 - 0.4313	0.3579	0.295 - 0.4208
Other	295	0.2923	0.2178 - 0.3668	0.295	0.2262 - 0.3638
White	4247	0.2313	0.2146 - 0.248	0.2261	0.2096 - 0.2426
<b>EDUCATION</b>					
< HS	595	0.4527	0.3931 - 0.5123	0.4562	0.3921 - 0.5203
HS	1816	0.2952	0.2666 - 0.3238	0.2934	0.2636 - 0.3232
> HS	2497	0.1757	0.1563 - 0.1951	0.1791	0.1597 - 0.1985
<b>INCOME</b>					
<\$15,000	640	0.4105	0.3576 - 0.4634	0.4405	0.3872 - 0.4939
\$15-24,999	918	0.3533	0.3131 - 0.3935	0.3506	0.3094 - 0.3917
\$25-34,999	684	0.2925	0.2433 - 0.3417	0.2959	0.2469 - 0.3449
\$35-49,999	797	0.2283	0.1901 - 0.2665	0.2281	0.1897 - 0.2665
\$50-74,999	696	0.1481	0.116 - 0.1802	0.1554	0.1211 - 0.1897
\$75,000+	617	0.1202	0.0865 - 0.1539	0.1137	0.0809 - 0.1464

## SECTION 10. ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Environmental Supports for Physical Activity:*

All respondents were asked to think about their neighborhood as the area within one-half mile or a ten-minute walk from their house. All respondents were asked if their neighborhood had any sidewalks, about the quality of the street lighting, safety level of their neighborhood, and pleasantness of walking in their neighborhood. In addition, respondents were asked if their neighborhood had walking trails, parks, playgrounds, sports fields, public recreation centers, and schools available for public recreation activities, and if they used them for physical activity.

### *Summary of Environmental Supports for Physical Activity:*

In 2004, 56% of Missouri adults had neighborhood sidewalks. More black (85%) Missourians reported having sidewalks in their neighborhoods than did white (53%) respondents. Forty two percent of respondents felt that the street lighting was good or very good. More blacks (59%) reported good or very good street lighting for walking at night than whites (41%). Education and income level did not yield statistically significant differences in reporting of neighborhood sidewalks or quality of street lighting for walking at night. Eighty-one percent of respondents felt that their neighborhood was extremely safe or quite safe from crime. More whites (83%) and respondents of higher income levels reported feeling extremely safe or quite safe from crime than blacks (63%) or respondents of lower income levels. Ninety-two percent of respondents reported that their neighborhood is a very pleasant or somewhat pleasant place to walk. Ninety-eight percent of respondents reported having walking trails parks, playgrounds, or sports fields in their community and 42% reported using these areas for physical activity. More blacks (59%) reported using these areas for physical activity than did whites (41%). Ninety-eight percent of respondents reported having recreational centers in their community and 32% reported using these facilities for physical activity. Higher education and income levels were positively associated with higher rates of reported use for physical activity. Ninety-eight percent of respondents also reported having schools open for recreational activities in their community and 21% reported using the schools for public recreation activities. Higher education and income levels were positively associated with higher rates of reported use for recreation activities. See the tables below for more detailed information on Environmental Supports for Physical Activity reporting in Missouri by region, gender, race, education and income.

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: NEIGHBORHOOD HAS  
SIDEWALKS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4709	0.5601	0.5407 - 0.5795	0.5628	0.5434 - 0.5822
<b>REGION</b>					
Central	577	0.3806	0.3291 - 0.4321	0.3726	0.3275 - 0.4177
Kansas City	903	0.6828	0.6473 - 0.7183	0.6838	0.6482 - 0.7195
Northeast	589	0.4933	0.4414 - 0.5452	0.4969	0.4455 - 0.5482
Northwest	587	0.5356	0.4846 - 0.5866	0.5254	0.4777 - 0.573
Southeast	585	0.2988	0.2541 - 0.3435	0.3039	0.2584 - 0.3493
Southwest	580	0.3844	0.3376 - 0.4312	0.3805	0.3355 - 0.4256
St. Louis	888	0.712	0.6722 - 0.7518	0.7158	0.6758 - 0.7558
<b>GENDER</b>					
Female	2841	0.5601	0.5352 - 0.585	0.563	0.5375 - 0.5885
Male	1868	0.56	0.5296 - 0.5904	0.5604	0.5308 - 0.59
<b>RACE</b>					
Black	320	0.852	0.8034 - 0.9006	0.8447	0.7957 - 0.8937
Other	274	0.6257	0.5493 - 0.7021	0.6123	0.5406 - 0.6841
White	4077	0.5294	0.508 - 0.5508	0.5339	0.5124 - 0.5555
<b>EDUCATION</b>					
< HS	558	0.5215	0.4598 - 0.5832	0.5252	0.4584 - 0.592
HS	1731	0.5029	0.4696 - 0.5362	0.5065	0.473 - 0.5401
> HS	2409	0.6054	0.5793 - 0.6315	0.6052	0.5793 - 0.631
<b>INCOME</b>					
<\$15,000	608	0.6206	0.5673 - 0.6739	0.6037	0.5488 - 0.6586
\$15-24,999	880	0.5265	0.4826 - 0.5704	0.5265	0.4814 - 0.5715
\$25-34,999	660	0.548	0.4949 - 0.6011	0.5436	0.4916 - 0.5955
\$35-49,999	771	0.5067	0.4601 - 0.5533	0.5033	0.4567 - 0.55
\$50-74,999	675	0.5465	0.4957 - 0.5973	0.5529	0.4992 - 0.6066
\$75,000+	601	0.6291	0.5791 - 0.6791	0.6271	0.5738 - 0.6804



**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: NEIGHBORHOOD HAS  
GOOD OR VERY GOOD STREET LIGHTING FOR WALKING AT NIGHT**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4632	0.4217	0.4019 - 0.4415	0.422	0.402 - 0.442
<b>REGION</b>					
Central	572	0.3385	0.2899 - 0.3871	0.3343	0.2887 - 0.38
Kansas City	893	0.532	0.493 - 0.571	0.5336	0.4944 - 0.5728
Northeast	578	0.3884	0.3365 - 0.4403	0.3805	0.3295 - 0.4315
Northwest	574	0.3288	0.2786 - 0.379	0.3187	0.2731 - 0.3644
Southeast	575	0.2777	0.2334 - 0.322	0.2763	0.2307 - 0.322
Southwest	561	0.3187	0.2754 - 0.362	0.3146	0.2712 - 0.3579
St. Louis	879	0.4875	0.4452 - 0.5298	0.4896	0.4467 - 0.5325
<b>GENDER</b>					
Female	2790	0.4273	0.402 - 0.4526	0.4246	0.3989 - 0.4503
Male	1842	0.4157	0.3847 - 0.4467	0.4169	0.3861 - 0.4476
<b>RACE</b>					
Black	317	0.5855	0.5132 - 0.6578	0.58	0.511 - 0.649
Other	269	0.4403	0.359 - 0.5216	0.4508	0.3755 - 0.5261
White	4010	0.407	0.3856 - 0.4284	0.4064	0.3846 - 0.4281
<b>EDUCATION</b>					
< HS	555	0.3939	0.3329 - 0.4549	0.3667	0.3 - 0.4333
HS	1697	0.3982	0.3651 - 0.4313	0.3968	0.3631 - 0.4305
> HS	2369	0.4424	0.4154 - 0.4694	0.4461	0.4191 - 0.4731
<b>INCOME</b>					
<\$15,000	598	0.4698	0.4122 - 0.5274	0.4376	0.3811 - 0.494
\$15-24,999	866	0.3819	0.338 - 0.4258	0.3646	0.3204 - 0.4089
\$25-34,999	648	0.3712	0.3214 - 0.421	0.3578	0.3084 - 0.4072
\$35-49,999	759	0.4109	0.3648 - 0.457	0.4177	0.3714 - 0.4639
\$50-74,999	667	0.3838	0.3342 - 0.4334	0.3862	0.3356 - 0.4368
\$75,000+	598	0.4708	0.4177 - 0.5239	0.4805	0.4235 - 0.5375

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: NEIGHBORHOOD HAS  
FAIR OR POOR STREET LIGHTING FOR WALKING AT NIGHT**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4632	0.5783	0.5585 - 0.5981	0.578	0.558 - 0.598
<b>REGION</b>					
Central	572	0.6615	0.6129 - 0.7101	0.6657	0.62 - 0.7113
Kansas City	893	0.468	0.429 - 0.507	0.4664	0.4272 - 0.5056
Northeast	578	0.6116	0.5597 - 0.6635	0.6195	0.5685 - 0.6705
Northwest	574	0.6712	0.621 - 0.7214	0.6813	0.6356 - 0.7269
Southeast	575	0.7223	0.678 - 0.7666	0.7237	0.678 - 0.7693
Southwest	561	0.6813	0.638 - 0.7246	0.6854	0.6421 - 0.7288
St. Louis	879	0.5125	0.4702 - 0.5548	0.5104	0.4675 - 0.5533
<b>GENDER</b>					
Female	2790	0.5727	0.5474 - 0.598	0.5754	0.5497 - 0.6011
Male	1842	0.5843	0.5533 - 0.6153	0.5831	0.5524 - 0.6139
<b>RACE</b>					
Black	317	0.4145	0.3422 - 0.4868	0.42	0.351 - 0.489
Other	269	0.5597	0.4784 - 0.641	0.5492	0.4739 - 0.6245
White	4010	0.593	0.5716 - 0.6144	0.5936	0.5719 - 0.6154
<b>EDUCATION</b>					
< HS	555	0.6061	0.5451 - 0.6671	0.6333	0.5667 - 0.7
HS	1697	0.6018	0.5687 - 0.6349	0.6032	0.5695 - 0.6369
> HS	2369	0.5576	0.5306 - 0.5846	0.5539	0.5269 - 0.5809
<b>INCOME</b>					
<\$15,000	598	0.5302	0.4726 - 0.5878	0.5624	0.506 - 0.6189
\$15-24,999	866	0.6181	0.5742 - 0.662	0.6354	0.5911 - 0.6796
\$25-34,999	648	0.6288	0.579 - 0.6786	0.6422	0.5928 - 0.6916
\$35-49,999	759	0.5891	0.543 - 0.6352	0.5823	0.5361 - 0.6286
\$50-74,999	667	0.6162	0.5666 - 0.6658	0.6138	0.5632 - 0.6644
\$75,000+	598	0.5292	0.4761 - 0.5823	0.5195	0.4625 - 0.5765

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: NEIGHBORHOOD IS  
EXTREMELY SAFE OR QUITE SAFE FROM CRIME**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4685	0.8127	0.7974 - 0.828	0.8119	0.7964 - 0.8274
<b>REGION</b>					
Central	576	0.8314	0.7957 - 0.8671	0.8313	0.7964 - 0.8662
Kansas City	898	0.7487	0.7138 - 0.7836	0.7488	0.7135 - 0.7841
Northeast	590	0.8543	0.8175 - 0.8911	0.8517	0.8145 - 0.889
Northwest	582	0.8325	0.7929 - 0.8721	0.8293	0.7891 - 0.8695
Southeast	581	0.8507	0.8139 - 0.8875	0.8536	0.8164 - 0.8909
Southwest	574	0.8645	0.831 - 0.898	0.8621	0.8278 - 0.8964
St. Louis	884	0.8012	0.7693 - 0.8331	0.7978	0.765 - 0.8305
<b>GENDER</b>					
Female	2829	0.8021	0.7821 - 0.8221	0.8006	0.7802 - 0.821
Male	1856	0.8245	0.801 - 0.848	0.825	0.8017 - 0.8483
<b>RACE</b>					
Black	317	0.6301	0.5633 - 0.6969	0.616	0.5519 - 0.6801
Other	272	0.7514	0.681 - 0.8218	0.7569	0.6914 - 0.8223
White	4060	0.8339	0.8178 - 0.85	0.8325	0.8162 - 0.8488
<b>EDUCATION</b>					
< HS	554	0.7776	0.7315 - 0.8237	0.7709	0.7181 - 0.8236
HS	1716	0.7862	0.758 - 0.8144	0.7849	0.7569 - 0.813
> HS	2403	0.8365	0.8169 - 0.8561	0.8382	0.8188 - 0.8576
<b>INCOME</b>					
<\$15,000	603	0.6755	0.6175 - 0.7335	0.6509	0.5915 - 0.7103
\$15-24,999	870	0.7287	0.6883 - 0.7691	0.7167	0.6738 - 0.7596
\$25-34,999	656	0.794	0.753 - 0.835	0.7787	0.7356 - 0.8218
\$35-49,999	771	0.8171	0.7795 - 0.8547	0.8155	0.7784 - 0.8525
\$50-74,999	674	0.8541	0.8169 - 0.8913	0.8639	0.8279 - 0.9
\$75,000+	601	0.9153	0.889 - 0.9416	0.9239	0.8988 - 0.949

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: NEIGHBORHOOD IS  
SLIGHTLY SAFE OR NOT AT ALL SAFE FROM CRIME**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4685	0.1873	0.172 - 0.2026	0.1881	0.1726 - 0.2036
<b>REGION</b>					
Central	576	0.1686	0.1329 - 0.2043	0.1687	0.1338 - 0.2036
Kansas City	898	0.2513	0.2164 - 0.2862	0.2512	0.2159 - 0.2865
Northeast	590	0.1457	0.1089 - 0.1825	0.1483	0.111 - 0.1855
Northwest	582	0.1675	0.1279 - 0.2071	0.1707	0.1305 - 0.2109
Southeast	581	0.1493	0.1125 - 0.1861	0.1464	0.1091 - 0.1836
Southwest	574	0.1355	0.102 - 0.169	0.1379	0.1036 - 0.1722
St. Louis	884	0.1988	0.1669 - 0.2307	0.2022	0.1695 - 0.235
<b>GENDER</b>					
Female	2829	0.1979	0.1779 - 0.2179	0.1994	0.179 - 0.2198
Male	1856	0.1755	0.152 - 0.199	0.175	0.1517 - 0.1983
<b>RACE</b>					
Black	317	0.3699	0.3031 - 0.4367	0.384	0.3199 - 0.4481
Other	272	0.2486	0.1782 - 0.319	0.2431	0.1777 - 0.3086
White	4060	0.1661	0.15 - 0.1822	0.1675	0.1512 - 0.1838
<b>EDUCATION</b>					
< HS	554	0.2224	0.1763 - 0.2685	0.2291	0.1764 - 0.2819
HS	1716	0.2138	0.1856 - 0.242	0.2151	0.187 - 0.2431
> HS	2403	0.1635	0.1439 - 0.1831	0.1618	0.1424 - 0.1812
<b>INCOME</b>					
<\$15,000	603	0.3245	0.2665 - 0.3825	0.3491	0.2897 - 0.4085
\$15-24,999	870	0.2713	0.2309 - 0.3117	0.2833	0.2404 - 0.3262
\$25-34,999	656	0.206	0.165 - 0.247	0.2213	0.1782 - 0.2644
\$35-49,999	771	0.1829	0.1453 - 0.2205	0.1845	0.1475 - 0.2216
\$50-74,999	674	0.1459	0.1087 - 0.1831	0.1361	0.1 - 0.1721
\$75,000+	601	0.0847	0.0584 - 0.111	0.0761	0.051 - 0.1012

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: NEIGHBORHOOD IS A  
VERY PLEASANT OR SOMEWHAT PLEASANT PLACE TO WALK**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4674	0.9155	0.9043 - 0.9267	0.9155	0.9043 - 0.9267
<b>REGION</b>					
Central	577	0.9045	0.8771 - 0.9319	0.9044	0.8771 - 0.9316
Kansas City	890	0.9309	0.9099 - 0.9519	0.9303	0.9091 - 0.9514
Northeast	585	0.9357	0.9159 - 0.9555	0.9354	0.915 - 0.9558
Northwest	582	0.912	0.8857 - 0.9383	0.9114	0.8852 - 0.9377
Southeast	584	0.9027	0.8747 - 0.9307	0.904	0.875 - 0.933
Southwest	569	0.9248	0.8997 - 0.9499	0.9253	0.9002 - 0.9504
St. Louis	887	0.9084	0.8839 - 0.9329	0.908	0.8835 - 0.9325
<b>GENDER</b>					
Female	2820	0.9104	0.8963 - 0.9245	0.912	0.8981 - 0.9259
Male	1854	0.921	0.9032 - 0.9388	0.9204	0.9028 - 0.938
<b>RACE</b>					
Black	314	0.9252	0.8921 - 0.9583	0.917	0.8809 - 0.953
Other	272	0.928	0.8882 - 0.9678	0.9328	0.8973 - 0.9682
White	4052	0.9134	0.9011 - 0.9257	0.9138	0.9013 - 0.9264
<b>EDUCATION</b>					
< HS	546	0.8782	0.8402 - 0.9162	0.8862	0.8487 - 0.9236
HS	1723	0.8973	0.8765 - 0.9181	0.8982	0.8776 - 0.9187
> HS	2393	0.9343	0.9206 - 0.948	0.9334	0.9195 - 0.9473
<b>INCOME</b>					
<\$15,000	600	0.8987	0.8669 - 0.9305	0.8876	0.8517 - 0.9234
\$15-24,999	875	0.8737	0.8425 - 0.9049	0.8769	0.8457 - 0.908
\$25-34,999	654	0.9044	0.8717 - 0.9371	0.9051	0.8714 - 0.9388
\$35-49,999	769	0.9199	0.895 - 0.9448	0.9207	0.8954 - 0.946
\$50-74,999	669	0.9356	0.9062 - 0.965	0.9424	0.9139 - 0.9708
\$75,000+	601	0.9434	0.9171 - 0.9697	0.9303	0.8976 - 0.9631

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: NEIGHBORHOOD IS  
NOT AT ALL A PLEASANT PLACE TO WALK**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4674	0.0845	0.0733 - 0.0957	0.0845	0.0733 - 0.0957
<b>REGION</b>					
Central	577	0.0955	0.0681 - 0.1229	0.0956	0.0684 - 0.1229
Kansas City	890	0.0691	0.0481 - 0.0901	0.0697	0.0486 - 0.0909
Northeast	585	0.0643	0.0445 - 0.0841	0.0646	0.0442 - 0.085
Northwest	582	0.088	0.0617 - 0.1143	0.0886	0.0623 - 0.1148
Southeast	584	0.0973	0.0693 - 0.1253	0.096	0.067 - 0.125
Southwest	569	0.0752	0.0501 - 0.1003	0.0747	0.0496 - 0.0998
St. Louis	887	0.0916	0.0671 - 0.1161	0.092	0.0675 - 0.1165
<b>GENDER</b>					
Female	2820	0.0896	0.0755 - 0.1037	0.088	0.0741 - 0.1019
Male	1854	0.079	0.0612 - 0.0968	0.0796	0.062 - 0.0972
<b>RACE</b>					
Black	314	0.0748	0.0417 - 0.1079	0.083	0.047 - 0.1191
Other	272	0.072	0.0322 - 0.1118	0.0672	0.0318 - 0.1027
White	4052	0.0866	0.0743 - 0.0989	0.0862	0.0736 - 0.0987
<b>EDUCATION</b>					
< HS	546	0.1218	0.0838 - 0.1598	0.1138	0.0764 - 0.1513
HS	1723	0.1027	0.0819 - 0.1235	0.1018	0.0813 - 0.1224
> HS	2393	0.0657	0.052 - 0.0794	0.0666	0.0527 - 0.0805
<b>INCOME</b>					
<\$15,000	600	0.1013	0.0695 - 0.1331	0.1124	0.0766 - 0.1483
\$15-24,999	875	0.1263	0.0951 - 0.1575	0.1231	0.092 - 0.1543
\$25-34,999	654	0.0956	0.0629 - 0.1283	0.0949	0.0612 - 0.1286
\$35-49,999	769	0.0801	0.0552 - 0.105	0.0793	0.054 - 0.1046
\$50-74,999	669	0.0644	0.035 - 0.0938	0.0576	0.0292 - 0.0861
\$75,000+	601	0.0566	0.0303 - 0.0829	0.0697	0.0369 - 0.1024

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: COMMUNITY HAS  
WALKING TRAILS, PARKS, PLAYGROUNDS OR SPORTS FIELDS FOR PHYSICAL  
ACTIVITY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4714	0.9834	0.9795 - 0.9873	0.9835	0.9796 - 0.9874
<b>REGION</b>					
Central	581	0.972	0.9565 - 0.9875	0.9713	0.9554 - 0.9872
Kansas City	905	0.9883	0.982 - 0.9946	0.9886	0.9826 - 0.9947
Northeast	591	0.9617	0.946 - 0.9774	0.9604	0.9435 - 0.9772
Northwest	585	0.9633	0.9433 - 0.9833	0.9647	0.9469 - 0.9825
Southeast	586	0.973	0.9577 - 0.9883	0.9728	0.9567 - 0.9889
Southwest	579	0.9735	0.9592 - 0.9878	0.9739	0.9593 - 0.9884
St. Louis	887	0.9968	0.9925 - 1	0.9968	0.9925 - 1
<b>GENDER</b>					
Female	2841	0.9864	0.9823 - 0.9905	0.9866	0.9823 - 0.9909
Male	1873	0.98	0.9731 - 0.9869	0.9798	0.9729 - 0.9866
<b>RACE</b>					
Black	320	0.9913	0.9817 - 1	0.9915	0.9823 - 1
Other	274	0.9766	0.9574 - 0.9958	0.975	0.9556 - 0.9944
White	4082	0.9832	0.9789 - 0.9875	0.9835	0.9792 - 0.9878
<b>EDUCATION</b>					
< HS	561	0.9667	0.9469 - 0.9865	0.9629	0.937 - 0.9888
HS	1734	0.9834	0.9775 - 0.9893	0.9841	0.9784 - 0.9898
> HS	2407	0.9867	0.982 - 0.9914	0.9864	0.9815 - 0.9913
<b>INCOME</b>					
<\$15,000	609	0.9695	0.9523 - 0.9867	0.9686	0.949 - 0.9882
\$15-24,999	880	0.9827	0.9735 - 0.9919	0.9828	0.9726 - 0.993
\$25-34,999	660	0.9799	0.9699 - 0.9899	0.9804	0.9704 - 0.9904
\$35-49,999	771	0.9801	0.9676 - 0.9926	0.9786	0.9657 - 0.9915
\$50-74,999	673	0.9867	0.9775 - 0.9959	0.9889	0.9813 - 0.9966
\$75,000+	601	0.9914	0.9853 - 0.9975	0.988	0.9776 - 0.9984

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004**  
**ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: USE WALKING**  
**TRAILS, PARKS, PLAYGROUNDS OR SPORTS FIELDS FOR PHYSICAL ACTIVITY**  
 Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4632	0.4217	0.4019 - 0.4415	0.422	0.402 - 0.442
<b>REGION</b>					
Central	572	0.3385	0.2899 - 0.3871	0.3343	0.2887 - 0.38
Kansas City	893	0.532	0.493 - 0.571	0.5336	0.4944 - 0.5728
Northeast	578	0.3884	0.3365 - 0.4403	0.3805	0.3295 - 0.4315
Northwest	574	0.3288	0.2786 - 0.379	0.3187	0.2731 - 0.3644
Southeast	575	0.2777	0.2334 - 0.322	0.2763	0.2307 - 0.322
Southwest	561	0.3187	0.2754 - 0.362	0.3146	0.2712 - 0.3579
St. Louis	879	0.4875	0.4452 - 0.5298	0.4896	0.4467 - 0.5325
<b>GENDER</b>					
Female	2790	0.4273	0.402 - 0.4526	0.4246	0.3989 - 0.4503
Male	1842	0.4157	0.3847 - 0.4467	0.4169	0.3861 - 0.4476
<b>RACE</b>					
Black	317	0.5855	0.5132 - 0.6578	0.58	0.511 - 0.649
Other	269	0.4403	0.359 - 0.5216	0.4508	0.3755 - 0.5261
White	4010	0.407	0.3856 - 0.4284	0.4064	0.3846 - 0.4281
<b>EDUCATION</b>					
< HS	555	0.3939	0.3329 - 0.4549	0.3667	0.3 - 0.4333
HS	1697	0.3982	0.3651 - 0.4313	0.3968	0.3631 - 0.4305
> HS	2369	0.4424	0.4154 - 0.4694	0.4461	0.4191 - 0.4731
<b>INCOME</b>					
<\$15,000	598	0.4698	0.4122 - 0.5274	0.4376	0.3811 - 0.494
\$15-24,999	866	0.3819	0.338 - 0.4258	0.3646	0.3204 - 0.4089
\$25-34,999	648	0.3712	0.3214 - 0.421	0.3578	0.3084 - 0.4072
\$35-49,999	759	0.4109	0.3648 - 0.457	0.4177	0.3714 - 0.4639
\$50-74,999	667	0.3838	0.3342 - 0.4334	0.3862	0.3356 - 0.4368
\$75,000+	598	0.4708	0.4177 - 0.5239	0.4805	0.4235 - 0.5375



**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: DO NOT USE  
WALKING TRAILS, PARKS, PLAYGROUNDS OR SPORTS FIELDS FOR PHYSICAL  
ACTIVITY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	<b>4597</b>	<b>0.4987</b>	<b>0.4787 - 0.5187</b>	<b>0.4923</b>	<b>0.4731 - 0.5115</b>
<b>REGION</b>					
Central	566	0.4517	0.4019 - 0.5015	0.4531	0.409 - 0.4972
Kansas City	890	0.5285	0.4895 - 0.5675	0.5308	0.4927 - 0.5688
Northeast	564	0.601	0.5471 - 0.6549	0.5784	0.5267 - 0.6301
Northwest	561	0.5446	0.4917 - 0.5975	0.5421	0.4929 - 0.5913
Southeast	569	0.5814	0.5332 - 0.6296	0.5668	0.5178 - 0.6158
Southwest	564	0.5317	0.4837 - 0.5797	0.5268	0.4802 - 0.5734
St. Louis	883	0.4443	0.4026 - 0.486	0.4383	0.3989 - 0.4777
<b>GENDER</b>					
Female	2773	0.5135	0.4878 - 0.5392	0.4991	0.4742 - 0.524
Male	1824	0.4823	0.4509 - 0.5137	0.4844	0.4548 - 0.514
<b>RACE</b>					
Black	316	0.5413	0.4676 - 0.615	0.5719	0.5056 - 0.6381
Other	265	0.4512	0.3699 - 0.5325	0.4992	0.4261 - 0.5723
White	3980	0.4978	0.476 - 0.5196	0.485	0.4641 - 0.506
<b>EDUCATION</b>					
< HS	540	0.6305	0.5631 - 0.6979	0.5776	0.5108 - 0.6444
HS	1688	0.5559	0.522 - 0.5898	0.5403	0.5072 - 0.5734
> HS	2357	0.4358	0.4088 - 0.4628	0.4458	0.42 - 0.4717
<b>INCOME</b>					
<\$15,000	587	0.663	0.605 - 0.721	0.6389	0.5882 - 0.6897
\$15-24,999	860	0.5148	0.4697 - 0.5599	0.4929	0.4488 - 0.537
\$25-34,999	638	0.5147	0.4594 - 0.57	0.5049	0.4557 - 0.5541
\$35-49,999	755	0.4848	0.4378 - 0.5318	0.4935	0.4499 - 0.537
\$50-74,999	659	0.43	0.379 - 0.481	0.4669	0.4134 - 0.5204
\$75,000+	592	0.409	0.3555 - 0.4625	0.4316	0.3789 - 0.4844

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: RECREATIONAL  
CENTERS IN NEIGHBORHOOD ARE AVAILABLE TO THE COMMUNITY FOR  
PUBLIC RECREATION ACTIVITIES**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4714	0.9834	0.9795 - 0.9873	0.9835	0.9796 - 0.9874
<b>REGION</b>					
Central	581	0.972	0.9565 - 0.9875	0.9713	0.9554 - 0.9872
Kansas City	905	0.9883	0.982 - 0.9946	0.9886	0.9826 - 0.9947
Northeast	591	0.9617	0.946 - 0.9774	0.9604	0.9435 - 0.9772
Northwest	585	0.9633	0.9433 - 0.9833	0.9647	0.9469 - 0.9825
Southeast	586	0.973	0.9577 - 0.9883	0.9728	0.9567 - 0.9889
Southwest	579	0.9735	0.9592 - 0.9878	0.9739	0.9593 - 0.9884
St. Louis	887	0.9968	0.9925 - 1	0.9968	0.9925 - 1
<b>GENDER</b>					
Female	2841	0.9864	0.9823 - 0.9905	0.9866	0.9823 - 0.9909
Male	1873	0.98	0.9731 - 0.9869	0.9798	0.9729 - 0.9866
<b>RACE</b>					
Black	320	0.9913	0.9817 - 1	0.9915	0.9823 - 1
Other	274	0.9766	0.9574 - 0.9958	0.975	0.9556 - 0.9944
White	4082	0.9832	0.9789 - 0.9875	0.9835	0.9792 - 0.9878
<b>EDUCATION</b>					
< HS	561	0.9667	0.9469 - 0.9865	0.9629	0.937 - 0.9888
HS	1734	0.9834	0.9775 - 0.9893	0.9841	0.9784 - 0.9898
> HS	2407	0.9867	0.982 - 0.9914	0.9864	0.9815 - 0.9913
<b>INCOME</b>					
<\$15,000	609	0.9695	0.9523 - 0.9867	0.9686	0.949 - 0.9882
\$15-24,999	880	0.9827	0.9735 - 0.9919	0.9828	0.9726 - 0.993
\$25-34,999	660	0.9799	0.9699 - 0.9899	0.9804	0.9704 - 0.9904
\$35-49,999	771	0.9801	0.9676 - 0.9926	0.9786	0.9657 - 0.9915
\$50-74,999	673	0.9867	0.9775 - 0.9959	0.9889	0.9813 - 0.9966
\$75,000+	601	0.9914	0.9853 - 0.9975	0.988	0.9776 - 0.9984

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: USE PUBLIC  
RECREATION CENTERS IN COMMUNITY FOR PHYSICAL ACTIVITY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4530	0.3181	0.2983 - 0.3379	0.3238	0.3044 - 0.3432
<b>REGION</b>					
Central	551	0.3418	0.2893 - 0.3943	0.3388	0.2935 - 0.3841
Kansas City	879	0.2966	0.2592 - 0.334	0.2982	0.2617 - 0.3346
Northeast	559	0.2792	0.2265 - 0.3319	0.2863	0.2365 - 0.3361
Northwest	548	0.3336	0.2793 - 0.3879	0.3373	0.2881 - 0.3865
Southeast	565	0.2402	0.1957 - 0.2847	0.2565	0.2116 - 0.3014
Southwest	550	0.3209	0.2741 - 0.3677	0.3284	0.2829 - 0.3739
St. Louis	878	0.3451	0.3037 - 0.3865	0.3506	0.3091 - 0.3922
<b>GENDER</b>					
Female	2729	0.3047	0.2798 - 0.3296	0.3143	0.289 - 0.3396
Male	1801	0.3329	0.3019 - 0.3639	0.3315	0.3022 - 0.3607
<b>RACE</b>					
Black	314	0.3336	0.2615 - 0.4057	0.3249	0.2622 - 0.3876
Other	265	0.4049	0.3208 - 0.489	0.3627	0.29 - 0.4354
White	3915	0.3082	0.287 - 0.3294	0.3185	0.2974 - 0.3397
<b>EDUCATION</b>					
< HS	529	0.2001	0.1358 - 0.2644	0.2205	0.1495 - 0.2914
HS	1673	0.2851	0.2528 - 0.3174	0.3001	0.2674 - 0.3329
> HS	2317	0.3629	0.3359 - 0.3899	0.3585	0.3322 - 0.3848
<b>INCOME</b>					
<\$15,000	583	0.2196	0.1618 - 0.2774	0.2122	0.1655 - 0.2588
\$15-24,999	848	0.2543	0.2137 - 0.2949	0.2673	0.2249 - 0.3096
\$25-34,999	630	0.3043	0.2502 - 0.3584	0.3146	0.2622 - 0.3669
\$35-49,999	744	0.3055	0.262 - 0.349	0.3038	0.2603 - 0.3473
\$50-74,999	651	0.415	0.3619 - 0.4681	0.404	0.3491 - 0.4588
\$75,000+	580	0.3875	0.3356 - 0.4394	0.4001	0.3476 - 0.4526

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: DO NOT USE PUBLIC  
RECREATION CENTERS IN COMMUNITY FOR PHYSICAL ACTIVITY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4530	0.6819	0.6621 - 0.7017	0.6762	0.6568 - 0.6956
<b>REGION</b>					
Central	551	0.6582	0.6057 - 0.7107	0.6612	0.6159 - 0.7065
Kansas City	879	0.7034	0.666 - 0.7408	0.7018	0.6654 - 0.7383
Northeast	559	0.7208	0.6681 - 0.7735	0.7137	0.6639 - 0.7635
Northwest	548	0.6664	0.6121 - 0.7207	0.6627	0.6135 - 0.7119
Southeast	565	0.7598	0.7153 - 0.8043	0.7435	0.6986 - 0.7884
Southwest	550	0.6791	0.6323 - 0.7259	0.6716	0.6261 - 0.7171
St. Louis	878	0.6549	0.6135 - 0.6963	0.6494	0.6078 - 0.6909
<b>GENDER</b>					
Female	2729	0.6953	0.6704 - 0.7202	0.6857	0.6604 - 0.711
Male	1801	0.6671	0.6361 - 0.6981	0.6685	0.6393 - 0.6978
<b>RACE</b>					
Black	314	0.6664	0.5943 - 0.7385	0.6751	0.6124 - 0.7378
Other	265	0.5951	0.511 - 0.6792	0.6373	0.5646 - 0.71
White	3915	0.6918	0.6706 - 0.713	0.6815	0.6603 - 0.7026
<b>EDUCATION</b>					
< HS	529	0.7999	0.7356 - 0.8642	0.7795	0.7086 - 0.8505
HS	1673	0.7149	0.6826 - 0.7472	0.6999	0.6671 - 0.7326
> HS	2317	0.6371	0.6101 - 0.6641	0.6415	0.6152 - 0.6678
<b>INCOME</b>					
<\$15,000	583	0.7804	0.7226 - 0.8382	0.7878	0.7412 - 0.8345
\$15-24,999	848	0.7457	0.7051 - 0.7863	0.7327	0.6904 - 0.7751
\$25-34,999	630	0.6957	0.6416 - 0.7498	0.6854	0.6331 - 0.7378
\$35-49,999	744	0.6945	0.651 - 0.738	0.6962	0.6527 - 0.7397
\$50-74,999	651	0.585	0.5319 - 0.6381	0.596	0.5412 - 0.6509
\$75,000+	580	0.6125	0.5606 - 0.6644	0.5999	0.5474 - 0.6524

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: SCHOOLS IN  
NEIGHBORHOOD ARE OPEN TO THE COMMUNITY FOR PUBLIC RECREATION  
ACTIVITIES**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4706	0.9761	0.9702 - 0.982	0.9762	0.9703 - 0.9821
<b>REGION</b>					
Central	581	0.9588	0.9382 - 0.9794	0.9581	0.9379 - 0.9783
Kansas City	904	0.9782	0.9686 - 0.9878	0.9783	0.9687 - 0.9879
Northeast	588	0.9807	0.9703 - 0.9911	0.9837	0.9751 - 0.9923
Northwest	586	0.9802	0.9679 - 0.9925	0.9816	0.9698 - 0.9933
Southeast	582	0.9706	0.9541 - 0.9871	0.969	0.951 - 0.9871
Southwest	579	0.9724	0.9583 - 0.9865	0.972	0.9575 - 0.9865
St. Louis	886	0.9828	0.9712 - 0.9944	0.9837	0.9721 - 0.9952
<b>GENDER</b>					
Female	2835	0.9736	0.9648 - 0.9824	0.9732	0.9638 - 0.9826
Male	1871	0.9788	0.9714 - 0.9862	0.9794	0.9721 - 0.9866
<b>RACE</b>					
Black	319	0.9842	0.9664 - 1	0.9833	0.9652 - 1
Other	274	0.9587	0.9168 - 1	0.9616	0.9252 - 0.9981
White	4075	0.9771	0.9714 - 0.9828	0.977	0.9712 - 0.9829
<b>EDUCATION</b>					
< HS	560	0.9695	0.9542 - 0.9848	0.9672	0.9474 - 0.987
HS	1729	0.9802	0.9718 - 0.9886	0.9791	0.9697 - 0.9885
> HS	2406	0.9752	0.9666 - 0.9838	0.9751	0.9663 - 0.984
<b>INCOME</b>					
<\$15,000	606	0.963	0.9416 - 0.9844	0.9651	0.9439 - 0.9863
\$15-24,999	878	0.9738	0.9599 - 0.9877	0.9729	0.959 - 0.9869
\$25-34,999	658	0.9738	0.9558 - 0.9918	0.9694	0.9474 - 0.9914
\$35-49,999	771	0.9819	0.9719 - 0.9919	0.9826	0.9728 - 0.9924
\$50-74,999	673	0.9864	0.9762 - 0.9966	0.989	0.9807 - 0.9972
\$75,000+	601	0.9774	0.9602 - 0.9946	0.9747	0.9574 - 0.9919

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: USE SCHOOLS THAT  
ARE OPEN IN COMMUNITY FOR PUBLIC RECREATION ACTIVITIES**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4587	0.208	0.1908 - 0.2252	0.213	0.1959 - 0.23
<b>REGION</b>					
Central	561	0.2138	0.1705 - 0.2571	0.2133	0.1725 - 0.2541
Kansas City	880	0.1917	0.1594 - 0.224	0.1927	0.1605 - 0.2248
Northeast	572	0.2039	0.1547 - 0.2531	0.2087	0.1634 - 0.254
Northwest	572	0.2391	0.1862 - 0.292	0.2447	0.1985 - 0.291
Southeast	568	0.1715	0.1341 - 0.2089	0.187	0.1474 - 0.2266
Southwest	563	0.1843	0.1431 - 0.2255	0.1866	0.1484 - 0.2248
St. Louis	871	0.2316	0.1949 - 0.2683	0.2365	0.1999 - 0.2732
<b>GENDER</b>					
Female	2760	0.1931	0.1717 - 0.2145	0.2028	0.1807 - 0.225
Male	1827	0.2244	0.197 - 0.2518	0.2234	0.1977 - 0.2491
<b>RACE</b>					
Black	314	0.2468	0.176 - 0.3176	0.2319	0.1719 - 0.2919
Other	266	0.232	0.1654 - 0.2986	0.2186	0.1583 - 0.279
White	3972	0.201	0.1826 - 0.2194	0.21	0.1914 - 0.2287
<b>EDUCATION</b>					
< HS	538	0.1507	0.0944 - 0.207	0.1778	0.1265 - 0.2292
HS	1692	0.1626	0.1363 - 0.1889	0.1711	0.1446 - 0.1976
> HS	2347	0.2487	0.2244 - 0.273	0.2446	0.2211 - 0.2681
<b>INCOME</b>					
<\$15,000	584	0.1482	0.0933 - 0.2031	0.1379	0.0951 - 0.1806
\$15-24,999	854	0.1601	0.1236 - 0.1966	0.1693	0.1307 - 0.2079
\$25-34,999	643	0.1866	0.1415 - 0.2317	0.1996	0.1543 - 0.2448
\$35-49,999	756	0.2322	0.1908 - 0.2736	0.228	0.1888 - 0.2672
\$50-74,999	665	0.2618	0.2155 - 0.3081	0.2564	0.2076 - 0.3052
\$75,000+	588	0.2567	0.2112 - 0.3022	0.2544	0.2082 - 0.3007

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
ENVIRONMENTAL SUPPORTS FOR PHYSICAL ACTIVITY: DO NOT USE  
SCHOOLS THAT ARE OPEN IN COMMUNITY FOR PUBLIC RECREATION  
ACTIVITIES**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	<b>4587</b>	<b>0.792</b>	<b>0.7748 - 0.8092</b>	<b>0.787</b>	<b>0.77 - 0.8041</b>
<b>REGION</b>					
Central	561	0.7862	0.7429 - 0.8295	0.7867	0.7459 - 0.8275
Kansas City	880	0.8083	0.776 - 0.8406	0.8073	0.7752 - 0.8395
Northeast	572	0.7961	0.7469 - 0.8453	0.7913	0.746 - 0.8366
Northwest	572	0.7609	0.708 - 0.8138	0.7553	0.709 - 0.8015
Southeast	568	0.8285	0.7911 - 0.8659	0.813	0.7734 - 0.8526
Southwest	563	0.8157	0.7745 - 0.8569	0.8134	0.7752 - 0.8516
St. Louis	871	0.7684	0.7317 - 0.8051	0.7635	0.7268 - 0.8001
<b>GENDER</b>					
Female	2760	0.8069	0.7855 - 0.8283	0.7972	0.775 - 0.8193
Male	1827	0.7756	0.7482 - 0.803	0.7766	0.7509 - 0.8023
<b>RACE</b>					
Black	314	0.7532	0.6824 - 0.824	0.7681	0.7081 - 0.8281
Other	266	0.768	0.7014 - 0.8346	0.7814	0.721 - 0.8417
White	3972	0.799	0.7806 - 0.8174	0.79	0.7713 - 0.8086
<b>EDUCATION</b>					
< HS	538	0.8493	0.793 - 0.9056	0.8222	0.7708 - 0.8735
HS	1692	0.8374	0.8111 - 0.8637	0.8289	0.8024 - 0.8554
> HS	2347	0.7513	0.727 - 0.7756	0.7554	0.7319 - 0.7789
<b>INCOME</b>					
<\$15,000	584	0.8518	0.7969 - 0.9067	0.8621	0.8194 - 0.9049
\$15-24,999	854	0.8399	0.8034 - 0.8764	0.8307	0.7921 - 0.8693
\$25-34,999	643	0.8134	0.7683 - 0.8585	0.8004	0.7552 - 0.8457
\$35-49,999	756	0.7678	0.7264 - 0.8092	0.772	0.7328 - 0.8112
\$50-74,999	665	0.7382	0.6919 - 0.7845	0.7436	0.6948 - 0.7924
\$75,000+	588	0.7433	0.6978 - 0.7888	0.7456	0.6993 - 0.7918

## SECTION 11. EXCESS SUN EXPOSURE AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Excess Sun Exposure:*

All respondents were asked about the number of sunburns that they had in the last 12 months resulting from exposure to the sun. Sunburn was defined as a small part of skin that turned red for 12 or more hours. In this analysis, the percentage of adults who had any number of sunburns, 1 sunburn, and 2 or more sunburns in the past year was examined.

### *Summary of Excess Sun Exposure:*

In 2004, 40% of Missouri adults reported having any number of sunburns in the past year. More men (46%) reported having had sunburn(s) than did women (34%). Missouri residents with higher education and income levels were more likely to report having sunburns than those with lower levels of education and income. Overall, for those residents who reported having any sunburns in the past year, 27% reported having 2 or more sunburns, whereas 13% reported having only one sunburn in the past year. See the tables below for more detailed information on Excess Sun Exposure reporting in Missouri by region, gender, race, education and income.



**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
EXCESS SUN EXPOSURE: HAD ANY SUNBURN(S) IN THE PAST YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4914	0.4006	0.381 - 0.4202	0.4076	0.3886 - 0.4266
<b>REGION</b>					
Central	605	0.4259	0.3771 - 0.4747	0.4275	0.3822 - 0.4727
Kansas City	949	0.403	0.365 - 0.441	0.4051	0.3696 - 0.4406
Northeast	612	0.4179	0.365 - 0.4708	0.4408	0.3971 - 0.4845
Northwest	612	0.4094	0.3594 - 0.4594	0.4183	0.3703 - 0.4663
Southeast	606	0.359	0.3118 - 0.4062	0.3838	0.3374 - 0.4303
Southwest	604	0.4154	0.3695 - 0.4613	0.4311	0.3864 - 0.4758
St. Louis	926	0.3927	0.351 - 0.4344	0.3943	0.3541 - 0.4345
<b>GENDER</b>					
Female	2947	0.3426	0.3181 - 0.3671	0.3607	0.3366 - 0.3848
Male	1967	0.4638	0.4334 - 0.4942	0.4592	0.43 - 0.4884
<b>RACE</b>					
Black	341	0.058	0.0284 - 0.0876	0.0568	0.027 - 0.0866
Other	295	0.2914	0.2212 - 0.3616	0.2671	0.2048 - 0.3295
White	4239	0.4417	0.4203 - 0.4631	0.4562	0.4358 - 0.4766
<b>EDUCATION</b>					
< HS	595	0.2566	0.1958 - 0.3174	0.3104	0.2438 - 0.3771
HS	1815	0.3526	0.3203 - 0.3849	0.365	0.3333 - 0.3968
> HS	2490	0.4623	0.4354 - 0.4892	0.4507	0.4254 - 0.476
<b>INCOME</b>					
<\$15,000	640	0.2653	0.2104 - 0.3202	0.2744	0.2256 - 0.3232
\$15-24,999	917	0.2794	0.2375 - 0.3213	0.3019	0.2607 - 0.343
\$25-34,999	684	0.3406	0.2887 - 0.3925	0.3599	0.3093 - 0.4105
\$35-49,999	795	0.4575	0.411 - 0.504	0.4446	0.4005 - 0.4887
\$50-74,999	694	0.5123	0.4617 - 0.5629	0.4764	0.4253 - 0.5276
\$75,000+	616	0.5831	0.5325 - 0.6337	0.5471	0.4995 - 0.5948

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004**  
**EXCESS SUN EXPOSURE: HAD 1 SUNBURN IN THE PAST YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4891	0.1291	0.1152 - 0.143	0.1308	0.1167 - 0.1449
<b>REGION</b>					
Central	598	0.1293	0.0972 - 0.1614	0.129	0.0974 - 0.1605
Kansas City	945	0.1255	0.0992 - 0.1518	0.1255	0.0993 - 0.1518
Northeast	609	0.1226	0.0807 - 0.1645	0.1274	0.088 - 0.1668
Northwest	609	0.1203	0.0862 - 0.1544	0.1237	0.0902 - 0.1572
Southeast	605	0.1214	0.091 - 0.1518	0.1308	0.098 - 0.1635
Southwest	602	0.1204	0.0902 - 0.1506	0.1261	0.0948 - 0.1575
St. Louis	923	0.1387	0.1077 - 0.1697	0.1371	0.1065 - 0.1677
<b>GENDER</b>					
Female	2941	0.1179	0.1008 - 0.135	0.1233	0.1057 - 0.1409
Male	1950	0.1414	0.1187 - 0.1641	0.1395	0.1175 - 0.1614
<b>RACE</b>					
White	341	0.0476	0.019 - 0.0762	0.0479	0.0191 - 0.0768
Black	292	0.1187	0.0722 - 0.1652	0.1111	0.0692 - 0.1531
Other	4219	0.1374	0.1215 - 0.1533	0.1405	0.1245 - 0.1566
<b>EDUCATION</b>					
< HS	591	0.101	0.06 - 0.142	0.1098	0.0678 - 0.1517
HS	1807	0.1228	0.0989 - 0.1467	0.1248	0.1011 - 0.1486
> HS	2479	0.1393	0.1201 - 0.1585	0.1357	0.1173 - 0.1541
<b>INCOME</b>					
<\$15,000	637	0.0724	0.044 - 0.1008	0.0787	0.048 - 0.1095
\$15-24,999	916	0.0955	0.0671 - 0.1239	0.1038	0.0752 - 0.1324
\$25-34,999	683	0.1394	0.1012 - 0.1776	0.1477	0.1073 - 0.188
\$35-49,999	792	0.1494	0.1129 - 0.1859	0.1404	0.1075 - 0.1734
\$50-74,999	691	0.1324	0.0997 - 0.1651	0.1255	0.0912 - 0.1598
\$75,000+	611	0.1892	0.1461 - 0.2323	0.1763	0.1344 - 0.2183

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004**  
**EXCESS SUN EXPOSURE: HAD 2 OR MORE SUNBURNS IN THE PAST YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4891	0.2684	0.2502 - 0.2866	0.2739	0.256 - 0.2917
<b>REGION</b>					
Central	598	0.2873	0.2412 - 0.3334	0.2905	0.247 - 0.334
Kansas City	945	0.2751	0.2392 - 0.311	0.2771	0.2426 - 0.3116
Northeast	609	0.2933	0.2427 - 0.3439	0.3111	0.2633 - 0.359
Northwest	609	0.2867	0.2406 - 0.3328	0.2917	0.2474 - 0.336
Southeast	605	0.2371	0.1924 - 0.2818	0.2525	0.2077 - 0.2974
Southwest	602	0.2923	0.2494 - 0.3352	0.3027	0.2598 - 0.3457
St. Louis	923	0.2517	0.2135 - 0.2899	0.2545	0.2167 - 0.2924
<b>GENDER</b>					
Female	2941	0.2236	0.2016 - 0.2456	0.2364	0.2142 - 0.2585
Male	1950	0.3176	0.2884 - 0.3468	0.315	0.2868 - 0.3432
<b>RACE</b>					
Black	341	0.0103	0.0019 - 0.0187	0.0088	0.001 - 0.0167
Other	292	0.1692	0.1088 - 0.2296	0.1532	0.101 - 0.2053
White	4219	0.3011	0.2807 - 0.3215	0.3127	0.2925 - 0.3329
<b>EDUCATION</b>					
< HS	591	0.1491	0.0954 - 0.2028	0.1944	0.1306 - 0.2583
HS	1807	0.227	0.1982 - 0.2558	0.2375	0.2084 - 0.2665
> HS	2479	0.3204	0.2947 - 0.3461	0.3128	0.2883 - 0.3373
<b>INCOME</b>					
<\$15,000	637	0.1919	0.1394 - 0.2444	0.1944	0.1491 - 0.2397
\$15-24,999	916	0.182	0.1453 - 0.2187	0.1962	0.1589 - 0.2334
\$25-34,999	683	0.2004	0.1551 - 0.2457	0.2113	0.1662 - 0.2564
\$35-49,999	792	0.305	0.2615 - 0.3485	0.2988	0.259 - 0.3386
\$50-74,999	691	0.3789	0.3285 - 0.4293	0.3502	0.299 - 0.4013
\$75,000+	611	0.3904	0.3389 - 0.4419	0.3684	0.3202 - 0.4167

## SECTION 12. TOBACCO USE AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Tobacco Use:*

All respondents were asked whether they had smoked 100 cigarettes or more in their lifetime and whether they now smoked some days or everyday, which together is the definition for current smoking. All current smokers were asked if they had intentionally quit smoking for 1 day or longer in the past 12 months.

### *Summary of Tobacco Use:*

In 2004, 24% of Missouri adults reported currently smoking cigarettes. Missouri adults with lower levels of education and income were much more likely to be current smokers than were adults with higher levels of education and income. Fifty percent of current smokers reported quitting for 1 day or longer in the past year. Quitting attempts did not vary by gender, race, education, or income. See the tables below for more detailed information on Tobacco Use reporting in Missouri by region, gender, race, education and income.

### *Additional Information about Tobacco Use:*

#### *Tobacco Use*

 [Tobacco State](#)



(click on above images for quitline information)

Tobacco use costs lives and money. Almost 10,000 (9,475 in '03) Missourians die from tobacco-related illness each year. Missouri spends almost two billion dollars (\$1.97 billion in '02) annually to treat smoking-related illness (\$512 million to Medicaid in '05).

In Missouri, both the adult smoking rate (24.1% in '04) and the high school smoking rate (23.7% in '05) are among the highest in the U.S. For Missouri kids, the tobacco use rate goes even higher (30.7% in '05) when all forms of tobacco are considered. Missouri's pregnant women smoke at rates high enough (18.2 in '02) to rank them in the top ten (8<sup>th</sup> in '02) in the nation.

This information originated from the DHSS website at <http://www.dhss.mo.gov/SmokingAndTobacco//>

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004**  
**TOBACCO USE: CURRENT SMOKER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4918	0.2408	0.2241 - 0.2575	0.2438	0.2272 - 0.2605
<b>REGION</b>					
Central	606	0.2726	0.2289 - 0.3163	0.2719	0.2295 - 0.3142
Kansas City	951	0.2169	0.1857 - 0.2481	0.2176	0.1863 - 0.249
Northeast	612	0.2378	0.1921 - 0.2835	0.2482	0.2023 - 0.294
Northwest	612	0.2932	0.2422 - 0.3442	0.3004	0.253 - 0.3478
Southeast	606	0.2805	0.238 - 0.323	0.2962	0.2519 - 0.3405
Southwest	604	0.2712	0.2287 - 0.3137	0.2799	0.2375 - 0.3222
St. Louis	927	0.2136	0.1795 - 0.2477	0.2165	0.1822 - 0.2508
<b>GENDER</b>					
Female	2948	0.2227	0.2013 - 0.2441	0.2294	0.2077 - 0.2512
Male	1970	0.2605	0.2346 - 0.2864	0.2591	0.2336 - 0.2846
<b>RACE</b>					
Black	339	0.2307	0.1744 - 0.287	0.2363	0.1806 - 0.2919
Other	295	0.2805	0.2133 - 0.3477	0.2641	0.2024 - 0.3259
White	4247	0.2371	0.2191 - 0.2551	0.2425	0.2241 - 0.261
<b>EDUCATION</b>					
< HS	595	0.3832	0.326 - 0.4404	0.4656	0.4062 - 0.5249
HS	1814	0.2778	0.2494 - 0.3062	0.2886	0.259 - 0.3182
> HS	2496	0.1881	0.1665 - 0.2097	0.1854	0.1641 - 0.2068
<b>INCOME</b>					
<\$15,000	638	0.3841	0.33 - 0.4382	0.4421	0.3905 - 0.4936
\$15-24,999	916	0.3086	0.2694 - 0.3478	0.3517	0.309 - 0.3944
\$25-34,999	685	0.2671	0.2173 - 0.3169	0.2883	0.2391 - 0.3375
\$35-49,999	797	0.255	0.2125 - 0.2975	0.2461	0.2047 - 0.2874
\$50-74,999	696	0.2022	0.1638 - 0.2406	0.1955	0.1565 - 0.2345
\$75,000+	617	0.1468	0.1103 - 0.1833	0.1328	0.0981 - 0.1675

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004**  
**TOBACCO USE: FORMER SMOKER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4918	0.2417	0.2252 - 0.2582	0.2378	0.2221 - 0.2535
<b>REGION</b>					
Central	606	0.2306	0.1932 - 0.268	0.2322	0.1968 - 0.2677
Kansas City	951	0.2336	0.2028 - 0.2644	0.2326	0.2028 - 0.2624
Northeast	612	0.2171	0.1804 - 0.2538	0.2104	0.1757 - 0.2451
Northwest	612	0.2273	0.1891 - 0.2655	0.225	0.1889 - 0.261
Southeast	606	0.2501	0.2105 - 0.2897	0.2355	0.1975 - 0.2735
Southwest	604	0.2343	0.198 - 0.2706	0.2251	0.1922 - 0.2581
St. Louis	927	0.2555	0.2192 - 0.2918	0.2508	0.2161 - 0.2855
<b>GENDER</b>					
Female	2948	0.2036	0.1844 - 0.2228	0.1993	0.1805 - 0.2182
Male	1970	0.2832	0.2562 - 0.3102	0.2877	0.2628 - 0.3126
<b>RACE</b>					
Black	339	0.1967	0.1438 - 0.2496	0.2102	0.159 - 0.2614
Other	295	0.1582	0.1102 - 0.2062	0.1891	0.1397 - 0.2385
White	4247	0.2529	0.2347 - 0.2711	0.2453	0.2277 - 0.2629
<b>EDUCATION</b>					
< HS	595	0.2647	0.2133 - 0.3161	0.2466	0.1919 - 0.3013
HS	1814	0.2528	0.2238 - 0.2818	0.2415	0.2142 - 0.2687
> HS	2496	0.2291	0.2075 - 0.2507	0.2343	0.2135 - 0.2551
<b>INCOME</b>					
<\$15,000	638	0.2353	0.1851 - 0.2855	0.2146	0.1718 - 0.2573
\$15-24,999	916	0.2353	0.2004 - 0.2702	0.2083	0.1757 - 0.2408
\$25-34,999	685	0.2339	0.1931 - 0.2747	0.2275	0.1885 - 0.2665
\$35-49,999	797	0.2304	0.1928 - 0.268	0.2412	0.2055 - 0.2768
\$50-74,999	696	0.2809	0.2323 - 0.3295	0.2975	0.2497 - 0.3453
\$75,000+	617	0.2429	0.1986 - 0.2872	0.2629	0.2168 - 0.3089

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
TOBACCO USE: ATTEMPTED TO QUIT SMOKING IN THE PAST YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1144	0.4982	0.4588 - 0.5376	0.4911	0.4538 - 0.5283
<b>REGION</b>					
Central	157	0.4879	0.393 - 0.5828	0.4716	0.3834 - 0.5598
Kansas City	196	0.5186	0.4369 - 0.6003	0.4953	0.4116 - 0.579
Northeast	135	0.4738	0.3589 - 0.5887	0.4561	0.3569 - 0.5553
Northwest	155	0.4707	0.3625 - 0.5789	0.4676	0.3774 - 0.5578
Southeast	154	0.4846	0.3944 - 0.5748	0.491	0.4012 - 0.5808
Southwest	146	0.4826	0.3883 - 0.5769	0.4993	0.4044 - 0.5942
St. Louis	201	0.5129	0.4231 - 0.6027	0.4991	0.4213 - 0.5769
<b>GENDER</b>					
Female	631	0.5414	0.4871 - 0.5957	0.5206	0.4708 - 0.5704
Male	513	0.4576	0.4015 - 0.5137	0.4695	0.4154 - 0.5236
<b>RACE</b>					
Black	80	0.6315	0.5041 - 0.7589	0.6325	0.5131 - 0.7519
Other	86	0.5755	0.4414 - 0.7096	0.5644	0.4363 - 0.6926
White	967	0.48	0.4365 - 0.5235	0.4743	0.4329 - 0.5156
<b>EDUCATION</b>					
< HS	212	0.4512	0.3616 - 0.5408	0.4428	0.3611 - 0.5246
HS	482	0.4768	0.4172 - 0.5364	0.4788	0.4223 - 0.5352
> HS	449	0.5389	0.476 - 0.6018	0.5274	0.4661 - 0.5887
<b>INCOME</b>					
<\$15,000	221	0.5023	0.4114 - 0.5932	0.4952	0.4131 - 0.5774
\$15-24,999	269	0.4983	0.4228 - 0.5738	0.4867	0.4152 - 0.5583
\$25-34,999	161	0.5201	0.408 - 0.6322	0.4863	0.3991 - 0.5735
\$35-49,999	171	0.4405	0.3425 - 0.5385	0.4191	0.3158 - 0.5224
\$50-74,999	143	0.5033	0.3986 - 0.608	0.5229	0.4136 - 0.6323
\$75,000+	98	0.5534	0.4266 - 0.6802	0.4589	0.3595 - 0.5582

## SECTION 13. HOME SMOKING EXPOSURE AND HOUSEHOLD RULES ABOUT SMOKING AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding household smoking exposure and rules:*

All respondents were asked which statement best describes the rules about smoking inside their home: smoking is not allowed anywhere inside their home, smoking is allowed in some places or at some times, smoking is allowed anywhere inside the home, or there are no rules about smoking inside the home.

### *Summary of household smoking exposure and rules:*

In 2004, 21% of Missouri adults reported allowing smoking in their household. More blacks (32%) reported allowing smoking in their homes than did whites (20%). Missouri adults with lower levels of education and income were much more likely to allow smoking in their households than were adults with higher levels of education and income. Of Missourians who reported allowing smoking in their homes, 5% allowed smoking anywhere, 12% allowed smoking only in some places and 20% reported no specific rules about smoking in the household. See the tables below for more detailed information on Household Smoking Policy reporting in Missouri by region, gender, race, education and income.



**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
HOME SMOKING EXPOSURE AND HOUSEHOLD RULES ABOUT SMOKING:  
SMOKING IS ALLOWED IN THE HOUSEHOLD**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4717	0.1718	0.1561 - 0.1875	0.1725	0.1566 - 0.1884
<b>REGION</b>					
Central	580	0.1664	0.1282 - 0.2046	0.1644	0.1285 - 0.2002
Kansas City	908	0.1516	0.1236 - 0.1796	0.1513	0.1228 - 0.1797
Northeast	587	0.1874	0.1417 - 0.2331	0.1906	0.1457 - 0.2355
Northwest	588	0.1793	0.1334 - 0.2252	0.174	0.1352 - 0.2128
Southeast	587	0.2104	0.1673 - 0.2535	0.2142	0.1721 - 0.2564
Southwest	579	0.1536	0.1164 - 0.1908	0.1539	0.1171 - 0.1908
St. Louis	888	0.1786	0.1451 - 0.2121	0.181	0.1467 - 0.2153
<b>GENDER</b>					
Female	2840	0.17	0.1498 - 0.1902	0.1722	0.1514 - 0.1929
Male	1877	0.1737	0.1492 - 0.1982	0.173	0.1489 - 0.1971
<b>RACE</b>					
Black	318	0.2423	0.1721 - 0.3125	0.2374	0.1753 - 0.2995
Other	275	0.1884	0.1225 - 0.2543	0.1826	0.1228 - 0.2423
White	4086	0.1641	0.1476 - 0.1806	0.1657	0.1488 - 0.1826
<b>EDUCATION</b>					
< HS	558	0.2912	0.2293 - 0.3531	0.3154	0.2444 - 0.3863
HS	1735	0.2122	0.1832 - 0.2412	0.2162	0.1872 - 0.2452
> HS	2413	0.1224	0.105 - 0.1398	0.123	0.1053 - 0.1406
<b>INCOME</b>					
<\$15,000	611	0.2464	0.1978 - 0.295	0.2662	0.2152 - 0.3172
\$15-24,999	881	0.2329	0.1915 - 0.2743	0.2478	0.2041 - 0.2915
\$25-34,999	659	0.2233	0.1718 - 0.2748	0.2347	0.1833 - 0.286
\$35-49,999	770	0.1604	0.123 - 0.1978	0.1597	0.1223 - 0.1972
\$50-74,999	676	0.1278	0.0911 - 0.1645	0.1362	0.0954 - 0.1769
\$75,000+	603	0.0977	0.0691 - 0.1263	0.0864	0.0588 - 0.1141

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004**  
**HOME SMOKING EXPOSURE AND HOUSEHOLD RULES ABOUT SMOKING:**  
**SMOKING IS ALLOWED ANYWHERE IN HOUSEHOLD**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4717	0.0454	0.0368 - 0.054	0.045	0.0364 - 0.0537
<b>REGION</b>					
Central	580	0.0362	0.019 - 0.0534	0.0364	0.0195 - 0.0532
Kansas City	908	0.0274	0.0158 - 0.039	0.0269	0.0155 - 0.0383
Northeast	587	0.0541	0.0333 - 0.0749	0.0561	0.0335 - 0.0786
Northwest	588	0.0712	0.0324 - 0.11	0.0643	0.0355 - 0.0931
Southeast	587	0.055	0.0327 - 0.0773	0.0529	0.0304 - 0.0755
Southwest	579	0.0384	0.0213 - 0.0555	0.0373	0.0204 - 0.0542
St. Louis	888	0.0545	0.0345 - 0.0745	0.0548	0.0348 - 0.0748
<b>GENDER</b>					
Female	2840	0.0389	0.0279 - 0.0499	0.0381	0.0267 - 0.0495
Male	1877	0.0526	0.0391 - 0.0661	0.0531	0.0396 - 0.0666
<b>RACE</b>					
Black	318	0.0578	0.0206 - 0.095	0.0661	0.0257 - 0.1065
Other	275	0.044	0.006 - 0.082	0.0446	0.0099 - 0.0793
White	4086	0.0449	0.0359 - 0.0539	0.0442	0.0352 - 0.0532
<b>EDUCATION</b>					
< HS	558	0.0966	0.0574 - 0.1358	0.0983	0.0519 - 0.1448
HS	1735	0.0538	0.0375 - 0.0701	0.0529	0.0372 - 0.0686
> HS	2413	0.0299	0.0209 - 0.0389	0.0315	0.0221 - 0.0409
<b>INCOME</b>					
<\$15,000	611	0.0913	0.0548 - 0.1278	0.0999	0.0585 - 0.1412
\$15-24,999	881	0.0577	0.0354 - 0.08	0.0538	0.0295 - 0.0781
\$25-34,999	659	0.0606	0.0332 - 0.088	0.0612	0.035 - 0.0875
\$35-49,999	770	0.0466	0.0201 - 0.0731	0.0475	0.0213 - 0.0738
\$50-74,999	676	0.0375	0.0189 - 0.0561	0.049	0.0204 - 0.0777
\$75,000+	603	0.0124	0.003 - 0.0218	0.0101	0.0019 - 0.0184

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
HOME SMOKING EXPOSURE AND HOUSEHOLD RULES ABOUT SMOKING:  
SMOKING IS ALLOWED SOME PLACES IN HOUSEHOLD**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4717	0.1264	0.1125 - 0.1403	0.1275	0.1136 - 0.1414
<b>REGION</b>					
Central	580	0.1301	0.0946 - 0.1656	0.128	0.0951 - 0.1609
Kansas City	908	0.1242	0.0979 - 0.1505	0.1244	0.0979 - 0.1508
Northeast	587	0.1333	0.0902 - 0.1764	0.1346	0.0942 - 0.1749
Northwest	588	0.1081	0.0773 - 0.1389	0.1097	0.0799 - 0.1395
Southeast	587	0.1554	0.1156 - 0.1952	0.1613	0.1217 - 0.2009
Southwest	579	0.1152	0.0807 - 0.1497	0.1166	0.0829 - 0.1503
St. Louis	888	0.1241	0.0951 - 0.1531	0.1262	0.0966 - 0.1558
<b>GENDER</b>					
Female	2840	0.1311	0.1131 - 0.1491	0.1341	0.1157 - 0.1525
Male	1877	0.1211	0.0993 - 0.1429	0.1199	0.099 - 0.1409
<b>RACE</b>					
Black	318	0.1846	0.1191 - 0.2501	0.1713	0.1178 - 0.2248
Other	275	0.1443	0.0865 - 0.2021	0.138	0.0854 - 0.1905
White	4086	0.1192	0.1047 - 0.1337	0.1215	0.1066 - 0.1364
<b>EDUCATION</b>					
< HS	558	0.1946	0.1376 - 0.2516	0.2171	0.1499 - 0.2843
HS	1735	0.1584	0.1321 - 0.1847	0.1632	0.137 - 0.1895
> HS	2413	0.0925	0.077 - 0.108	0.0914	0.0761 - 0.1067
<b>INCOME</b>					
<\$15,000	611	0.1551	0.1171 - 0.1931	0.1663	0.1246 - 0.2081
\$15-24,999	881	0.1752	0.137 - 0.2134	0.194	0.1539 - 0.2342
\$25-34,999	659	0.1627	0.1149 - 0.2105	0.1734	0.1254 - 0.2214
\$35-49,999	770	0.1137	0.0841 - 0.1433	0.1122	0.083 - 0.1414
\$50-74,999	676	0.0903	0.0574 - 0.1232	0.0871	0.056 - 0.1183
\$75,000+	603	0.0854	0.0582 - 0.1126	0.0763	0.0498 - 0.1027

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
HOME SMOKING EXPOSURE AND HOUSEHOLD RULES ABOUT SMOKING:  
SMOKING IS NOT ALLOWED ANYWHERE IN HOUSEHOLD**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4717	0.6281	0.6091 - 0.6471	0.6299	0.6109 - 0.6489
<b>REGION</b>					
Central	580	0.605	0.5568 - 0.6532	0.6093	0.5633 - 0.6554
Kansas City	908	0.6736	0.6381 - 0.7091	0.6735	0.6381 - 0.709
Northeast	587	0.5743	0.5229 - 0.6257	0.5786	0.5272 - 0.6299
Northwest	588	0.5926	0.5407 - 0.6445	0.5894	0.539 - 0.6398
Southeast	587	0.5451	0.4973 - 0.5929	0.5453	0.4972 - 0.5933
Southwest	579	0.6425	0.597 - 0.688	0.6437	0.5976 - 0.6897
St. Louis	888	0.6396	0.5994 - 0.6798	0.639	0.5982 - 0.6798
<b>GENDER</b>					
Female	2840	0.6424	0.6181 - 0.6667	0.645	0.6203 - 0.6697
Male	1877	0.6124	0.5826 - 0.6422	0.6141	0.5847 - 0.6435
<b>RACE</b>					
Black	318	0.5041	0.4312 - 0.577	0.5118	0.4446 - 0.579
Other	275	0.6299	0.5517 - 0.7081	0.6193	0.5462 - 0.6924
White	4086	0.6393	0.6189 - 0.6597	0.6416	0.621 - 0.6622
<b>EDUCATION</b>					
< HS	558	0.3974	0.3364 - 0.4584	0.3621	0.2982 - 0.426
HS	1735	0.5581	0.5252 - 0.591	0.5582	0.5247 - 0.5917
> HS	2413	0.7188	0.6953 - 0.7423	0.715	0.6915 - 0.7385
<b>INCOME</b>					
<\$15,000	611	0.483	0.4262 - 0.5398	0.4436	0.3907 - 0.4965
\$15-24,999	881	0.4966	0.4525 - 0.5407	0.4917	0.4456 - 0.5377
\$25-34,999	659	0.5524	0.4983 - 0.6065	0.5419	0.4865 - 0.5974
\$35-49,999	770	0.6506	0.6055 - 0.6957	0.6491	0.6036 - 0.6946
\$50-74,999	676	0.7239	0.6778 - 0.77	0.7117	0.6645 - 0.7589
\$75,000+	603	0.7754	0.7337 - 0.8171	0.7793	0.735 - 0.8236

**HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004  
HOME SMOKING EXPOSURE AND HOUSEHOLD RULES ABOUT SMOKING:  
THERE ARE NO RULES ABOUT SMOKING IN HOUSEHOLD**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4717	0.2001	0.1854 - 0.2148	0.1976	0.183 - 0.2121
<b>REGION</b>					
Central	580	0.2286	0.1896 - 0.2676	0.2263	0.1887 - 0.264
Kansas City	908	0.1748	0.1474 - 0.2022	0.1752	0.1481 - 0.2022
Northeast	587	0.2383	0.1985 - 0.2781	0.2308	0.1922 - 0.2694
Northwest	588	0.2281	0.186 - 0.2702	0.2366	0.1933 - 0.28
Southeast	587	0.2445	0.2047 - 0.2843	0.2405	0.1999 - 0.2811
Southwest	579	0.2039	0.1682 - 0.2396	0.2024	0.166 - 0.2389
St. Louis	888	0.1819	0.1517 - 0.2121	0.1801	0.1499 - 0.2102
<b>GENDER</b>					
Female	2840	0.1876	0.1692 - 0.206	0.1828	0.1644 - 0.2012
Male	1877	0.2138	0.1907 - 0.2369	0.2128	0.1899 - 0.2358
<b>RACE</b>					
Black	318	0.2535	0.1929 - 0.3141	0.2508	0.1934 - 0.3082
Other	275	0.1818	0.1228 - 0.2408	0.1981	0.1399 - 0.2563
White	4086	0.1966	0.1809 - 0.2123	0.1927	0.1772 - 0.2082
<b>EDUCATION</b>					
< HS	558	0.3114	0.2591 - 0.3637	0.3225	0.2637 - 0.3813
HS	1735	0.2297	0.2036 - 0.2558	0.2256	0.1991 - 0.2521
> HS	2413	0.1588	0.1404 - 0.1772	0.162	0.1436 - 0.1805
<b>INCOME</b>					
<\$15,000	611	0.2706	0.2236 - 0.3176	0.2902	0.2404 - 0.34
\$15-24,999	881	0.2704	0.2326 - 0.3082	0.2605	0.2223 - 0.2988
\$25-34,999	659	0.2243	0.1843 - 0.2643	0.2234	0.184 - 0.2628
\$35-49,999	770	0.189	0.1539 - 0.2241	0.1911	0.1555 - 0.2268
\$50-74,999	676	0.1483	0.1136 - 0.183	0.1521	0.1186 - 0.1857
\$75,000+	603	0.1269	0.0934 - 0.1604	0.1343	0.0975 - 0.1712

## SECTION 14. WEIGHT CONTROL AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Weight Control:*

All respondents self-reported height and weight. Using Body Mass Index (BMI), weight in kilograms divided by height in meters squared, adults' weight status was calculated. Using Healthy People 2010 (HP 2010) standards, both men and women were overweight with BMI>25, and obese with BMI >30.

### *Summary of Weight Control:*

In 2004, 37% of Missouri adults were overweight and 24% were obese based on HP2010 standards. More men (44%) than women (29%) were overweight, but obesity did not vary by gender. Respondents of lower income levels were more likely to be overweight than those of higher income levels; whereas respondents of lower education levels had higher obesity rates. See the tables below for more detailed information on Weight Control reporting in Missouri by region, gender, race, education and income.

### *Additional Information about Overweight & Obesity*

The incidence of overweight and obese has dramatically increased in this country in the past 30 years. These conditions and impact both genders, all races and ethnicities, all socioeconomic groups, adults, and children. Failing to maintain a healthy weight can have serious health consequences that impact pregnancy outcomes, early childhood development, and the prevalence of acute and chronic conditions that compromise the quality and length of life. Healthful eating and regular physical activity are two critical components in achieving and maintaining good health.

This information originated from the DHSS website at <http://www.dhss.mo.gov/Obesity/index.html>

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004					
WEIGHT CONTROL AND OBESITY: OVERWEIGHT (25≤BMI<30)					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4752	0.3661	0.3469 - 0.3853	0.3653	0.3461 - 0.3845
REGION					
Central	591	0.3563	0.3112 - 0.4014	0.3618	0.3191 - 0.4046
Kansas City	909	0.3699	0.3327 - 0.4071	0.3665	0.3307 - 0.4024
Northeast	592	0.3416	0.2957 - 0.3875	0.3364	0.2917 - 0.3811
Northwest	589	0.368	0.3194 - 0.4166	0.3644	0.3186 - 0.4103
Southeast	584	0.364	0.3181 - 0.4099	0.3645	0.3181 - 0.411
Southwest	588	0.3441	0.3002 - 0.388	0.3438	0.3003 - 0.3873
St. Louis	899	0.3802	0.3388 - 0.4216	0.3792	0.338 - 0.4203
GENDER					
Female	2791	0.2903	0.2668 - 0.3138	0.2867	0.2632 - 0.3103
Male	1961	0.4449	0.4149 - 0.4749	0.4465	0.4171 - 0.4759
RACE					
Black	332	0.3187	0.2523 - 0.3851	0.3195	0.2564 - 0.3826
Other	284	0.3415	0.2668 - 0.4162	0.3502	0.2812 - 0.4191
White	4100	0.3716	0.3508 - 0.3924	0.3692	0.3481 - 0.3904
EDUCATION					
< HS	585	0.2978	0.2429 - 0.3527	0.2833	0.229 - 0.3376
HS	1741	0.3835	0.3512 - 0.4158	0.3803	0.3478 - 0.4129
> HS	2416	0.3695	0.3432 - 0.3958	0.37	0.3437 - 0.3962
INCOME					
<\$15,000	624	0.2707	0.2252 - 0.3162	0.2815	0.2327 - 0.3303
\$15-24,999	891	0.3447	0.3031 - 0.3863	0.3449	0.3018 - 0.388
\$25-34,999	667	0.3553	0.3059 - 0.4047	0.3456	0.2998 - 0.3915
\$35-49,999	769	0.3844	0.3383 - 0.4305	0.383	0.3379 - 0.4281
\$50-74,999	676	0.4335	0.3821 - 0.4849	0.4232	0.3682 - 0.4783
\$75,000+	610	0.3805	0.3297 - 0.4313	0.3801	0.3276 - 0.4326

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2004					
WEIGHT CONTROL AND OBESITY: OBESE (BMI <sub>≥</sub> 30)					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4752	0.2431	0.2262 - 0.26	0.2441	0.2272 - 0.2609
REGION					
Central	591	0.2389	0.1954 - 0.2824	0.2439	0.2014 - 0.2865
Kansas City	909	0.2406	0.2077 - 0.2735	0.2399	0.2073 - 0.2724
Northeast	592	0.2901	0.2452 - 0.335	0.2979	0.2532 - 0.3426
Northwest	589	0.2436	0.1993 - 0.2879	0.2561	0.2122 - 0.3
Southeast	584	0.2621	0.2209 - 0.3033	0.2663	0.2238 - 0.3089
Southwest	588	0.2372	0.1964 - 0.278	0.2397	0.1986 - 0.2809
St. Louis	899	0.2372	0.2021 - 0.2723	0.2355	0.2012 - 0.2698
GENDER					
Female	2791	0.2344	0.2136 - 0.2552	0.2367	0.2156 - 0.2579
Male	1961	0.2522	0.2255 - 0.2789	0.2525	0.2262 - 0.2787
RACE					
Black	332	0.3889	0.3195 - 0.4583	0.3972	0.3303 - 0.464
Other	284	0.2342	0.1644 - 0.304	0.2304	0.1671 - 0.2937
White	4100	0.2299	0.2123 - 0.2475	0.2304	0.2127 - 0.248
EDUCATION					
< HS	585	0.3324	0.2752 - 0.3896	0.3706	0.3063 - 0.4348
HS	1741	0.2494	0.2206 - 0.2782	0.254	0.2242 - 0.2838
> HS	2416	0.2203	0.1985 - 0.2421	0.2169	0.1961 - 0.2377
INCOME					
<\$15,000	624	0.278	0.2314 - 0.3246	0.2919	0.2444 - 0.3393
\$15-24,999	891	0.2755	0.2371 - 0.3139	0.3026	0.2604 - 0.3447
\$25-34,999	667	0.2581	0.2067 - 0.3095	0.2686	0.2159 - 0.3214
\$35-49,999	769	0.2332	0.195 - 0.2714	0.2283	0.1901 - 0.2665
\$50-74,999	676	0.2369	0.194 - 0.2798	0.2195	0.1795 - 0.2595
\$75,000+	610	0.2082	0.1641 - 0.2523	0.2021	0.1581 - 0.246



## IV CANCER SCREENINGS AND PREVALENCE

### *CANCER IN MISSOURI*

Cancer is a group of diseases characterized by uncontrolled growth and spread of abnormal cells. If the spread is not controlled, it may result in death. Most types of cancer cells form a lump or mass called a tumor and are named after the part of the body where the tumor originates. Cancer is caused by both external factors (e.g., [tobacco](#), chemicals, radiation and infectious organisms) and/or internal factors (e.g., hormones, immune conditions and [genetic mutations](#)).

In the years to come, cancer will affect approximately three of every four Missouri families; about two in five Missourians, now living, will eventually develop cancer. Nationally, men have little less than a one in two lifetime risk of developing cancer; for women, the lifetime risk of developing cancer is a little more than one in three.

## SECTION 15. PROSTATE CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Prostate Cancer Screenings:*

All male respondents age 40 and older were asked if they had ever had a prostate-specific antigen (PSA) test or a digital rectal exam (DRE), how long it had been since their last tests, and if they had ever been told by a doctor, nurse or other health profession that they had prostate cancer. A PSA test is a blood test used to screen men for prostate cancer. 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 of the prostate gland. In these analyses the percentages of respondents who had ever or in the past year had a PSA or DRE were calculated.

### *Summary of Prostate Cancer Screenings:*

In 2004, 5% of Missouri men age 40 and older have been ever been told by a doctor, nurse or other health care professional that they have prostate cancer. Fifty-nine percent of Missouri men reported ever having a PSA test and 37% reported having one within the past year. PSA reporting did not vary by race, education or income. Seventy-three percent of Missouri men reported ever having a DRE and 45% reported having one within the past year. Men of the lowest income level were less likely to have ever had a DRE than those of the highest income level. See the tables below for more detailed information on Prostate Cancer Screening reporting in Missouri by region, gender, race, education and income.

**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004**  
**PROSTATE CANCER SCREENING: MEN AGE 40 AND OLDER, EVER HAD A PSA TEST**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1317	0.5939	0.5574 - 0.6304	0.5484	0.5133 - 0.5835
<b>REGION</b>					
Central	180	0.6668	0.5886 - 0.745	0.5824	0.5068 - 0.6581
Kansas City	253	0.5846	0.5136 - 0.6556	0.5517	0.486 - 0.6174
Northeast	165	0.5924	0.5097 - 0.6751	0.5548	0.4749 - 0.6348
Northwest	162	0.6027	0.5143 - 0.6911	0.5315	0.443 - 0.6201
Southeast	163	0.5251	0.4412 - 0.609	0.45	0.3698 - 0.5301
Southwest	156	0.5812	0.4971 - 0.6653	0.527	0.4459 - 0.6082
St. Louis	238	0.6005	0.5205 - 0.6805	0.572	0.4979 - 0.6461
<b>GENDER</b>					
Female					
Male	1317	0.5939	0.5574 - 0.6304	0.5484	0.5133 - 0.5835
<b>RACE</b>					
Black	64	0.6045	0.4614 - 0.7476	0.5752	0.4617 - 0.6887
Other	74	0.4322	0.2881 - 0.5763	0.4296	0.3077 - 0.5515
White	1166	0.605	0.566 - 0.644	0.5549	0.5171 - 0.5927
<b>EDUCATION</b>					
< HS	168	0.6225	0.5206 - 0.7244	0.5759	0.4569 - 0.6949
HS	517	0.5815	0.5233 - 0.6397	0.5431	0.4872 - 0.5989
> HS	628	0.5947	0.5418 - 0.6476	0.5507	0.5027 - 0.5987
<b>INCOME</b>					
<\$15,000	132	0.4653	0.3577 - 0.5729	0.3882	0.3037 - 0.4727
\$15-24,999	236	0.6375	0.5599 - 0.7151	0.5002	0.4198 - 0.5805
\$25-34,999	181	0.558	0.4612 - 0.6548	0.4749	0.381 - 0.5687
\$35-49,999	249	0.6027	0.519 - 0.6864	0.5772	0.5012 - 0.6533
\$50-74,999	198	0.599	0.5028 - 0.6952	0.5932	0.5109 - 0.6755
\$75,000+	201	0.6039	0.5096 - 0.6982	0.6371	0.5595 - 0.7148

**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004**  
**PROSTATE CANCER SCREENING: MEN AGE 40 AND OLDER, PSA TEST IN THE**  
**PAST YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1304	0.3702	0.3351 - 0.4053	0.3348	0.3038 - 0.3658
<b>REGION</b>					
Central	177	0.4297	0.3509 - 0.5085	0.3749	0.3038 - 0.4461
Kansas City	251	0.3505	0.2844 - 0.4166	0.3218	0.2742 - 0.3695
Northeast	163	0.3911	0.3109 - 0.4713	0.3546	0.2844 - 0.4247
Northwest	162	0.4091	0.3234 - 0.4948	0.3438	0.2756 - 0.412
Southeast	162	0.3031	0.2282 - 0.378	0.2515	0.1872 - 0.3158
Southwest	155	0.3913	0.3094 - 0.4732	0.3375	0.2709 - 0.4042
St. Louis	234	0.3655	0.2889 - 0.4421	0.3489	0.2799 - 0.4179
<b>GENDER</b>					
Female					
Male	1304	0.3702	0.3351 - 0.4053	0.3348	0.3038 - 0.3658
<b>RACE</b>					
Black	61	0.2855	0.1485 - 0.4225	0.2631	0.1651 - 0.3611
Other	74	0.2698	0.1516 - 0.388	0.2767	0.1765 - 0.3768
White	1156	0.3841	0.3461 - 0.4221	0.3455	0.3114 - 0.3796
<b>EDUCATION</b>					
< HS	164	0.3365	0.2244 - 0.4486	0.2698	0.1759 - 0.3636
HS	513	0.3633	0.3061 - 0.4205	0.337	0.2856 - 0.3883
> HS	623	0.3815	0.3331 - 0.4299	0.3518	0.3087 - 0.3949
<b>INCOME</b>					
<\$15,000	130	0.2252	0.1378 - 0.3126	0.178	0.1111 - 0.2448
\$15-24,999	232	0.4056	0.3282 - 0.483	0.2692	0.2175 - 0.321
\$25-34,999	179	0.3076	0.2223 - 0.3929	0.2505	0.1854 - 0.3155
\$35-49,999	248	0.38	0.3022 - 0.4578	0.3601	0.2935 - 0.4267
\$50-74,999	196	0.4267	0.3267 - 0.5267	0.4339	0.3469 - 0.5209
\$75,000+	200	0.3349	0.2491 - 0.4207	0.3918	0.3144 - 0.4693

**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004**  
**PROSTATE CANCER SCREENING: MEN AGE 40 AND OLDER, EVER HAD**  
**DIGITAL RECTAL EXAM**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1360	0.7311	0.6968 - 0.7654	0.7061	0.6696 - 0.7425
<b>REGION</b>					
Central	186	0.8133	0.7484 - 0.8782	0.7453	0.6571 - 0.8335
Kansas City	258	0.7446	0.6809 - 0.8083	0.7147	0.6442 - 0.7853
Northeast	169	0.7112	0.6348 - 0.7876	0.6955	0.6112 - 0.7798
Northwest	173	0.7128	0.6346 - 0.791	0.6735	0.5796 - 0.7674
Southeast	165	0.697	0.619 - 0.775	0.6882	0.5982 - 0.7781
Southwest	165	0.7863	0.7195 - 0.8531	0.7571	0.6793 - 0.8349
St. Louis	244	0.6892	0.612 - 0.7664	0.6797	0.6038 - 0.7555
<b>GENDER</b>					
Female					
Male	1360	0.7311	0.6968 - 0.7654	0.7061	0.6696 - 0.7425
<b>RACE</b>					
Black	64	0.7055	0.5777 - 0.8333	0.6616	0.5225 - 0.8008
Other	76	0.614	0.4627 - 0.7653	0.603	0.477 - 0.7291
White	1205	0.7395	0.7027 - 0.7763	0.7139	0.6743 - 0.7535
<b>EDUCATION</b>					
< HS	179	0.654	0.5491 - 0.7589	0.6289	0.5133 - 0.7446
HS	526	0.6887	0.6342 - 0.7432	0.6646	0.6073 - 0.7218
> HS	650	0.779	0.73 - 0.828	0.753	0.7013 - 0.8047
<b>INCOME</b>					
<\$15,000	140	0.5833	0.481 - 0.6856	0.5243	0.4191 - 0.6296
\$15-24,999	236	0.7431	0.6751 - 0.8111	0.6635	0.5698 - 0.7571
\$25-34,999	191	0.7204	0.6277 - 0.8131	0.6896	0.5885 - 0.7908
\$35-49,999	256	0.738	0.6621 - 0.8139	0.7109	0.6366 - 0.7852
\$50-74,999	203	0.7143	0.6096 - 0.819	0.7135	0.6206 - 0.8064
\$75,000+	207	0.7919	0.7127 - 0.8711	0.8077	0.7367 - 0.8786

**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004**  
**PROSTATE CANCER SCREENING: MEN AGE 40 AND OLDER, DIGITAL RECTAL**  
**EXAM IN THE PAST YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1016	0.4541	0.4133 - 0.4949	0.4164	0.3708 - 0.4621
<b>REGION</b>					
Central	153	0.4755	0.3893 - 0.5617	0.4381	0.3127 - 0.5635
Kansas City	198	0.491	0.4108 - 0.5712	0.4222	0.3507 - 0.4937
Northeast	119	0.3908	0.2975 - 0.4841	0.3492	0.2559 - 0.4425
Northwest	127	0.5544	0.4548 - 0.654	0.517	0.3833 - 0.6507
Southeast	115	0.4769	0.3785 - 0.5753	0.4154	0.3086 - 0.5222
Southwest	128	0.412	0.3209 - 0.5031	0.3958	0.2848 - 0.5067
St. Louis	176	0.4374	0.3463 - 0.5285	0.4159	0.3195 - 0.5124
<b>GENDER</b>					
Female					
Male	1016	0.4541	0.4133 - 0.4949	0.4164	0.3708 - 0.4621
<b>RACE</b>					
Black	43		Insuff Data		Insuff Data
Other	50	0.3142	0.1637 - 0.4647	0.2425	0.1273 - 0.3578
White	911	0.4681	0.4244 - 0.5118	0.4315	0.3819 - 0.4811
<b>EDUCATION</b>					
< HS	115	0.3581	0.247 - 0.4692	0.3193	0.1976 - 0.441
HS	361	0.4728	0.4005 - 0.5451	0.4413	0.3592 - 0.5234
> HS	536	0.4582	0.4039 - 0.5125	0.422	0.3605 - 0.4836
<b>INCOME</b>					
<\$15,000	81	0.4288	0.2889 - 0.5687	0.4097	0.2235 - 0.5959
\$15-24,999	173	0.459	0.3684 - 0.5496	0.3855	0.2377 - 0.5332
\$25-34,999	141	0.3867	0.2877 - 0.4857	0.3355	0.2352 - 0.4359
\$35-49,999	197	0.4013	0.3123 - 0.4903	0.3545	0.2708 - 0.4382
\$50-74,999	163	0.5113	0.4062 - 0.6164	0.5316	0.3988 - 0.6645
\$75,000+	168	0.4751	0.3728 - 0.5774	0.5048	0.4029 - 0.6067

**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004**  
**PROSTATE CANCER SCREENING: MEN AGE 40 AND OLDER, DIAGNOSED**  
**WITH PROSTATE CANCER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1370	0.0453	0.0328 - 0.0578	0.042	0.0308 - 0.0532
<b>REGION</b>					
Central	185	0.0304	0.0053 - 0.0555	0.027	0.0056 - 0.0483
Kansas City	260	0.0553	0.0255 - 0.0851	0.0552	0.0272 - 0.0832
Northeast	171	0.104	0.0562 - 0.1518	0.0911	0.0517 - 0.1305
Northwest	176	0.0506	0.0224 - 0.0788	0.0426	0.0196 - 0.0655
Southeast	166	0.0154	0 - 0.0336	0.0123	0 - 0.027
Southwest	166	0.042	0.0102 - 0.0738	0.0363	0.0094 - 0.0631
St. Louis	246	0.0455	0.0198 - 0.0712	0.0462	0.0211 - 0.0712
<b>GENDER</b>					
Female					
Male	1370	0.0453	0.0328 - 0.0578	0.042	0.0308 - 0.0532
<b>RACE</b>					
Black	65	0.0766	0 - 0.1538	0.0893	0.0121 - 0.1665
Other	76	0.0283	0 - 0.0626	0.0409	0 - 0.0919
White	1214	0.044	0.0309 - 0.0571	0.0397	0.0281 - 0.0513
<b>EDUCATION</b>					
< HS	183	0.0405	0.0107 - 0.0703	0.0321	0.007 - 0.0572
HS	528	0.0561	0.0328 - 0.0794	0.0529	0.0321 - 0.0737
> HS	654	0.0391	0.0222 - 0.056	0.0393	0.0229 - 0.0558
<b>INCOME</b>					
<\$15,000	141	0.0604	0.0036 - 0.1172	0.0485	0.0044 - 0.0926
\$15-24,999	239	0.0682	0.0304 - 0.106	0.0386	0.017 - 0.0601
\$25-34,999	191	0.0358	0.0137 - 0.0579	0.0289	0.0107 - 0.0471
\$35-49,999	258	0.0607	0.0274 - 0.094	0.0618	0.0297 - 0.094
\$50-74,999	203	0.0472	0.0143 - 0.0801	0.069	0.0194 - 0.1186
\$75,000+	209	0.0148	0 - 0.0317	0.034	0 - 0.0761

## SECTION 16. COLORECTAL CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Colorectal Cancer Screenings:*

All respondents age 50 and older were asked if they had ever had and within the past year had a home blood stool test and a sigmoidoscopy and colonoscopy exam, how long it had been since their last tests, and if they had ever been told by a doctor, nurse or other health profession that they had colorectal cancer. A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood. 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. In these analyses the percentages of respondents who have never had, not had in the past year, ever had, and had in the past year a home blood stool test were calculated. The percentage of respondents who have never had, not had in the past 5 years, ever had, had in the past 5 years a colonoscopy or sigmoidoscopy exam were calculated.

### *Summary of Colorectal Cancer Screenings:*

In 2004, 44% of Missourians age 50 and older reported ever having a home blood stool test, and 35% reported having one within the past year. Fifty-three percent of Missourians reported ever having a colonoscopy or sigmoidoscopy, 82% had one within the last 5 years, 57% had one within the past 5 years, and 47% reported never having the screenings. See the tables below for more detailed information on Colorectal Cancer Screening reporting in Missouri by region, gender, race, education and income.



**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004  
 COLORECTAL CANCER SCREENING: AGE 50+, EVER HAD A BLOOD STOOL  
 TEST**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2561	0.4417	0.4158 - 0.4676	0.4286	0.4027 - 0.4545
<b>REGION</b>					
Central	317	0.4823	0.4219 - 0.5427	0.4664	0.4053 - 0.5276
Kansas City	474	0.4567	0.4063 - 0.5071	0.4491	0.3985 - 0.4996
Northeast	343	0.411	0.3532 - 0.4688	0.3868	0.3274 - 0.4462
Northwest	328	0.4892	0.4269 - 0.5515	0.4665	0.4034 - 0.5296
Southeast	333	0.3771	0.3197 - 0.4345	0.3674	0.3084 - 0.4264
Southwest	319	0.5605	0.5005 - 0.6205	0.5438	0.4821 - 0.6055
St. Louis	447	0.3861	0.33 - 0.4422	0.3749	0.3194 - 0.4304
<b>GENDER</b>					
Female	1582	0.4641	0.432 - 0.4962	0.4468	0.4143 - 0.4793
Male	979	0.415	0.3736 - 0.4564	0.4083	0.3671 - 0.4494
<b>RACE</b>					
Black	146	0.334	0.2387 - 0.4293	0.3275	0.2313 - 0.4237
Other	115	0.3385	0.2321 - 0.4449	0.3457	0.2483 - 0.4431
White	2275	0.4565	0.4289 - 0.4841	0.4423	0.4143 - 0.4703
<b>EDUCATION</b>					
< HS	398	0.3937	0.3271 - 0.4603	0.338	0.2571 - 0.419
HS	1011	0.4207	0.3811 - 0.4603	0.4031	0.3642 - 0.4419
> HS	1143	0.4696	0.4304 - 0.5088	0.4682	0.4296 - 0.5068
<b>INCOME</b>					
<\$15,000	380	0.387	0.3243 - 0.4497	0.3587	0.2915 - 0.4259
\$15-24,999	534	0.4064	0.3537 - 0.4591	0.3473	0.2936 - 0.401
\$25-34,999	384	0.4698	0.4024 - 0.5372	0.4255	0.3624 - 0.4887
\$35-49,999	364	0.4332	0.3652 - 0.5012	0.4379	0.3707 - 0.5052
\$50-74,999	255	0.4247	0.3381 - 0.5113	0.4316	0.3454 - 0.5179
\$75,000+	252	0.4934	0.4136 - 0.5732	0.5364	0.4542 - 0.6185

**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004**  
**COLORECTAL CANCER SCREENING: AGE 50+, BLOOD STOOL TEST WITHIN**  
**THE PAST 12 MONTHS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1143	0.3473	0.311 - 0.3836	0.3384	0.299 - 0.3778
<b>REGION</b>					
Central	148	0.3707	0.2872 - 0.4542	0.3669	0.2766 - 0.4573
Kansas City	220	0.3726	0.2997 - 0.4455	0.3666	0.2906 - 0.4427
Northeast	143	0.3529	0.2665 - 0.4393	0.347	0.2464 - 0.4475
Northwest	162	0.4617	0.3737 - 0.5497	0.4585	0.3607 - 0.5563
Southeast	125	0.3887	0.2958 - 0.4816	0.3864	0.2856 - 0.4871
Southwest	176	0.337	0.2606 - 0.4134	0.3302	0.2485 - 0.412
St. Louis	169	0.2966	0.2096 - 0.3836	0.2807	0.184 - 0.3773
<b>GENDER</b>					
Female	736	0.3302	0.2873 - 0.3731	0.3217	0.2764 - 0.3669
Male	407	0.3702	0.3083 - 0.4321	0.3608	0.2933 - 0.4282
<b>RACE</b>					
Black	50	0.3122	0.1544 - 0.47	0.2767	0.1382 - 0.4153
Other	45		Insuff Data		Insuff Data
White	1041	0.35	0.3116 - 0.3884	0.3429	0.3008 - 0.385
<b>EDUCATION</b>					
< HS	144	0.3449	0.2387 - 0.4511	0.3141	0.1779 - 0.4504
HS	450	0.326	0.2743 - 0.3777	0.3227	0.2661 - 0.3794
> HS	544	0.3644	0.3101 - 0.4187	0.3568	0.3001 - 0.4134
<b>INCOME</b>					
<\$15,000	147	0.2859	0.1963 - 0.3755	0.2282	0.1486 - 0.3078
\$15-24,999	224	0.4369	0.3552 - 0.5186	0.5204	0.4156 - 0.6253
\$25-34,999	179	0.2652	0.1893 - 0.3411	0.2604	0.1736 - 0.3472
\$35-49,999	170	0.3155	0.2312 - 0.3998	0.3031	0.2231 - 0.3831
\$50-74,999	107	0.4426	0.2997 - 0.5855	0.4584	0.3206 - 0.5962
\$75,000+	134	0.3023	0.2061 - 0.3985	0.316	0.2134 - 0.4185

**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004**  
**COLORECTAL CANCER SCREENING: AGE 50+, NEVER HAD A HOME BLOOD**  
**STOOL TEST**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2561	0.5583	0.5324 - 0.5842	0.5714	0.5455 - 0.5973
<b>REGION</b>					
Central	317	0.5177	0.4573 - 0.5781	0.5336	0.4724 - 0.5947
Kansas City	474	0.5433	0.4929 - 0.5937	0.5509	0.5004 - 0.6015
Northeast	343	0.589	0.5312 - 0.6468	0.6132	0.5538 - 0.6726
Northwest	328	0.5108	0.4485 - 0.5731	0.5335	0.4704 - 0.5966
Southeast	333	0.6229	0.5655 - 0.6803	0.6326	0.5736 - 0.6916
Southwest	319	0.4395	0.3795 - 0.4995	0.4562	0.3945 - 0.5179
St. Louis	447	0.6139	0.5578 - 0.67	0.6251	0.5696 - 0.6806
<b>GENDER</b>					
Female	1582	0.5359	0.5038 - 0.568	0.5532	0.5207 - 0.5857
Male	979	0.585	0.5436 - 0.6264	0.5917	0.5506 - 0.6329
<b>RACE</b>					
Black	146	0.666	0.5707 - 0.7613	0.6725	0.5763 - 0.7687
Other	115	0.6615	0.5551 - 0.7679	0.6543	0.5569 - 0.7517
White	2275	0.5435	0.5159 - 0.5711	0.5577	0.5297 - 0.5857
<b>EDUCATION</b>					
< HS	398	0.6063	0.5397 - 0.6729	0.662	0.581 - 0.7429
HS	1011	0.5793	0.5397 - 0.6189	0.5969	0.5581 - 0.6358
> HS	1143	0.5304	0.4912 - 0.5696	0.5318	0.4932 - 0.5704
<b>INCOME</b>					
<\$15,000	380	0.613	0.5503 - 0.6757	0.6413	0.5741 - 0.7085
\$15-24,999	534	0.5936	0.5409 - 0.6463	0.6527	0.599 - 0.7064
\$25-34,999	384	0.5302	0.4628 - 0.5976	0.5745	0.5113 - 0.6376
\$35-49,999	364	0.5668	0.4988 - 0.6348	0.5621	0.4948 - 0.6293
\$50-74,999	255	0.5753	0.4887 - 0.6619	0.5684	0.4821 - 0.6546
\$75,000+	252	0.5066	0.4268 - 0.5864	0.4636	0.3815 - 0.5458

**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004  
 COLORECTAL CANCER SCREENING: AGE 50+, NO HOME BLOOD STOOL TEST  
 IN THE PAST YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2537	0.8485	0.8303 - 0.8667	0.8545	0.8363 - 0.8727
<b>REGION</b>					
Central	314	0.8226	0.7769 - 0.8683	0.8289	0.7834 - 0.8744
Kansas City	470	0.8307	0.7915 - 0.8699	0.8345	0.7957 - 0.8733
Northeast	340	0.8563	0.8159 - 0.8967	0.8665	0.8263 - 0.9066
Northwest	324	0.7767	0.7283 - 0.8251	0.7873	0.7393 - 0.8353
Southeast	329	0.8559	0.8149 - 0.8969	0.8598	0.8181 - 0.9016
Southwest	319	0.8111	0.7637 - 0.8585	0.819	0.7718 - 0.8662
St. Louis	441	0.8888	0.8518 - 0.9258	0.8937	0.8562 - 0.9311
<b>GENDER</b>					
Female	1566	0.8485	0.8265 - 0.8705	0.8561	0.8346 - 0.8777
Male	971	0.8484	0.8184 - 0.8784	0.8516	0.8214 - 0.8818
<b>RACE</b>					
Black	144	0.897	0.8386 - 0.9554	0.9052	0.8519 - 0.9585
Other	114	0.9054	0.8484 - 0.9624	0.9026	0.8454 - 0.9598
White	2256	0.8422	0.8224 - 0.862	0.8482	0.828 - 0.8684
<b>EDUCATION</b>					
< HS	391	0.8668	0.8229 - 0.9107	0.8922	0.8534 - 0.931
HS	1003	0.8648	0.8409 - 0.8887	0.8708	0.8472 - 0.8943
> HS	1136	0.8305	0.8007 - 0.8603	0.8309	0.8011 - 0.8607
<b>INCOME</b>					
<\$15,000	375	0.8913	0.8539 - 0.9287	0.9144	0.8848 - 0.944
\$15-24,999	527	0.828	0.7876 - 0.8684	0.8339	0.7896 - 0.8781
\$25-34,999	383	0.8771	0.8403 - 0.9139	0.8889	0.8542 - 0.9236
\$35-49,999	363	0.8647	0.8251 - 0.9043	0.8601	0.8199 - 0.9003
\$50-74,999	253	0.8127	0.7333 - 0.8921	0.8011	0.7231 - 0.8791
\$75,000+	252	0.8508	0.7969 - 0.9047	0.8262	0.7591 - 0.8932

**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004**  
**PROSTATE CANCER SCREENING: AGE 50+, EVER HAD A COLONOSCOPY OR**  
**SIGMOIDOSCOPY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2545	0.5277	0.5014 - 0.554	0.5165	0.4897 - 0.5434
<b>REGION</b>					
Central	316	0.5372	0.477 - 0.5974	0.5224	0.4614 - 0.5833
Kansas City	471	0.5574	0.507 - 0.6078	0.5506	0.4996 - 0.6015
Northeast	340	0.4895	0.4301 - 0.5489	0.4704	0.4078 - 0.5329
Northwest	327	0.4188	0.3573 - 0.4803	0.3882	0.328 - 0.4484
Southeast	332	0.4389	0.3793 - 0.4985	0.4331	0.3709 - 0.4952
Southwest	319	0.4921	0.4317 - 0.5525	0.4704	0.4087 - 0.5321
St. Louis	440	0.5716	0.5136 - 0.6296	0.5638	0.505 - 0.6226
<b>GENDER</b>					
Female	1573	0.5349	0.5026 - 0.5672	0.5244	0.4907 - 0.5581
Male	972	0.5192	0.4767 - 0.5617	0.5117	0.4691 - 0.5542
<b>RACE</b>					
Black	144	0.6309	0.5362 - 0.7256	0.6296	0.5339 - 0.7252
Other	115	0.4381	0.3187 - 0.5575	0.4482	0.3425 - 0.5538
White	2262	0.5265	0.4987 - 0.5543	0.514	0.4854 - 0.5427
<b>EDUCATION</b>					
< HS	392	0.4517	0.3847 - 0.5187	0.4337	0.3511 - 0.5162
HS	1007	0.5372	0.4964 - 0.578	0.5211	0.4788 - 0.5635
> HS	1138	0.541	0.5014 - 0.5806	0.5402	0.5012 - 0.5792
<b>INCOME</b>					
<\$15,000	379	0.5069	0.4416 - 0.5722	0.4851	0.414 - 0.5563
\$15-24,999	533	0.5357	0.4818 - 0.5896	0.495	0.4317 - 0.5583
\$25-34,999	381	0.4703	0.4025 - 0.5381	0.4305	0.3637 - 0.4974
\$35-49,999	360	0.5532	0.4848 - 0.6216	0.5572	0.4888 - 0.6256
\$50-74,999	255	0.4787	0.3923 - 0.5651	0.5231	0.4476 - 0.5985
\$75,000+	253	0.6283	0.5507 - 0.7059	0.6814	0.6151 - 0.7476

**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004**  
**PROSTATE CANCER SCREENING: AGE 50+, HAD A COLONOSCOPY OR**  
**SIGMOIDOSCOPY IN THE LAST 5 YEARS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1271	0.8182	0.7921 - 0.8443	0.8204	0.7929 - 0.8478
<b>REGION</b>					
Central	168	0.815	0.7521 - 0.8779	0.8142	0.7479 - 0.8804
Kansas City	258	0.7978	0.7419 - 0.8537	0.7909	0.7305 - 0.8512
Northeast	163	0.772	0.6981 - 0.8459	0.8025	0.7245 - 0.8805
Northwest	136	0.7578	0.6794 - 0.8362	0.7333	0.6327 - 0.8338
Southeast	144	0.7714	0.6987 - 0.8441	0.7751	0.6994 - 0.8508
Southwest	153	0.8099	0.7442 - 0.8756	0.8317	0.766 - 0.8974
St. Louis	249	0.8549	0.8057 - 0.9041	0.8559	0.8055 - 0.9063
<b>GENDER</b>					
Female	791	0.8033	0.7702 - 0.8364	0.8054	0.7699 - 0.8409
Male	480	0.8365	0.7953 - 0.8777	0.8384	0.7959 - 0.8809
<b>RACE</b>					
Black	80	0.9032	0.8332 - 0.9732	0.9002	0.8259 - 0.9744
Other	53	0.704	0.5433 - 0.8647	0.6715	0.5008 - 0.8423
White	1130	0.8147	0.7869 - 0.8425	0.8194	0.7904 - 0.8484
<b>EDUCATION</b>					
< HS	166	0.8363	0.7736 - 0.899	0.8127	0.7186 - 0.9068
HS	512	0.8237	0.7821 - 0.8653	0.8246	0.7795 - 0.8697
> HS	588	0.8088	0.7702 - 0.8474	0.8125	0.7738 - 0.8511
<b>INCOME</b>					
<\$15,000	185	0.75	0.6724 - 0.8276	0.7322	0.6315 - 0.833
\$15-24,999	265	0.8252	0.7709 - 0.8795	0.8152	0.7401 - 0.8902
\$25-34,999	185	0.8208	0.7455 - 0.8961	0.8491	0.7869 - 0.9112
\$35-49,999	175	0.7965	0.7171 - 0.8759	0.7952	0.7147 - 0.8758
\$50-74,999	123	0.8386	0.7678 - 0.9094	0.8373	0.7657 - 0.9088
\$75,000+	150	0.8377	0.7724 - 0.903	0.8343	0.7661 - 0.9025

**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004  
PROSTATE CANCER SCREENING: AGE 50+, NO COLONOSCOPY OR  
SIGMOIDOSCOPY IN THE PAST 5 YEARS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2535	0.5689	0.5426 - 0.5952	0.5774	0.5505 - 0.6043
<b>REGION</b>					
Central	316	0.5622	0.5016 - 0.6228	0.5745	0.5136 - 0.6355
Kansas City	468	0.5567	0.5059 - 0.6075	0.564	0.5131 - 0.615
Northeast	336	0.6261	0.5687 - 0.6835	0.6313	0.5709 - 0.6917
Northwest	326	0.6848	0.626 - 0.7436	0.711	0.6551 - 0.7668
Southeast	332	0.6614	0.6044 - 0.7184	0.6647	0.6053 - 0.724
Southwest	317	0.6028	0.5432 - 0.6624	0.6146	0.5534 - 0.6757
St. Louis	440	0.5113	0.4529 - 0.5697	0.5178	0.4586 - 0.577
<b>GENDER</b>					
Female	1566	0.5713	0.5386 - 0.604	0.5787	0.5448 - 0.6126
Male	969	0.5662	0.5237 - 0.6087	0.5721	0.5296 - 0.6147
<b>RACE</b>					
Black	144	0.4302	0.3306 - 0.5298	0.4333	0.331 - 0.5356
Other	114	0.6932	0.5899 - 0.7965	0.6814	0.5912 - 0.7715
White	2253	0.5718	0.5438 - 0.5998	0.5805	0.5516 - 0.6093
<b>EDUCATION</b>					
< HS	390	0.6239	0.5559 - 0.6919	0.6475	0.5638 - 0.7312
HS	1003	0.5582	0.5168 - 0.5996	0.5714	0.5284 - 0.6143
> HS	1135	0.5629	0.5237 - 0.6021	0.5632	0.5242 - 0.6022
<b>INCOME</b>					
<\$15,000	378	0.6203	0.5568 - 0.6838	0.6437	0.5773 - 0.7102
\$15-24,999	532	0.5583	0.5034 - 0.6132	0.5955	0.5324 - 0.6586
\$25-34,999	380	0.6147	0.5485 - 0.6809	0.6411	0.5745 - 0.7078
\$35-49,999	360	0.5594	0.4879 - 0.6309	0.5558	0.4837 - 0.6279
\$50-74,999	255	0.5985	0.5146 - 0.6824	0.5681	0.4879 - 0.6483
\$75,000+	253	0.4737	0.3941 - 0.5533	0.4329	0.3558 - 0.5099

**CANCER SCREENINGS AMONG MISSOURI ADULTS, 2004**  
**PROSTATE CANCER SCREENING: AGE 50+, NEVER HAD A COLONOSCOPY OR**  
**SIGMOIDOSCOPY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2545	0.4723	0.446 - 0.4986	0.4835	0.4566 - 0.5103
<b>REGION</b>					
Central	316	0.4628	0.4026 - 0.523	0.4776	0.4167 - 0.5386
Kansas City	471	0.4426	0.3922 - 0.493	0.4494	0.3985 - 0.5004
Northeast	340	0.5105	0.4511 - 0.5699	0.5296	0.4671 - 0.5922
Northwest	327	0.5812	0.5197 - 0.6427	0.6118	0.5516 - 0.672
Southeast	332	0.5611	0.5015 - 0.6207	0.5669	0.5048 - 0.6291
Southwest	319	0.5079	0.4475 - 0.5683	0.5296	0.4679 - 0.5913
St. Louis	440	0.4284	0.3704 - 0.4864	0.4362	0.3774 - 0.495
<b>GENDER</b>					
Female	1573	0.4651	0.4328 - 0.4974	0.4756	0.4419 - 0.5093
Male	972	0.4808	0.4383 - 0.5233	0.4883	0.4458 - 0.5309
<b>RACE</b>					
Black	144	0.3691	0.2744 - 0.4638	0.3704	0.2748 - 0.4661
Other	115	0.5619	0.4425 - 0.6813	0.5518	0.4462 - 0.6575
White	2262	0.4735	0.4457 - 0.5013	0.486	0.4573 - 0.5146
<b>EDUCATION</b>					
< HS	392	0.5483	0.4813 - 0.6153	0.5663	0.4838 - 0.6489
HS	1007	0.4628	0.422 - 0.5036	0.4789	0.4365 - 0.5212
> HS	1138	0.459	0.4194 - 0.4986	0.4598	0.4208 - 0.4988
<b>INCOME</b>					
<\$15,000	379	0.4931	0.4278 - 0.5584	0.5149	0.4437 - 0.586
\$15-24,999	533	0.4643	0.4104 - 0.5182	0.505	0.4417 - 0.5683
\$25-34,999	381	0.5297	0.4619 - 0.5975	0.5695	0.5026 - 0.6363
\$35-49,999	360	0.4468	0.3784 - 0.5152	0.4428	0.3744 - 0.5112
\$50-74,999	255	0.5213	0.4349 - 0.6077	0.4769	0.4015 - 0.5524
\$75,000+	253	0.3717	0.2941 - 0.4493	0.3186	0.2524 - 0.3849



## SECTION 17. CANCER PREVALENCE AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Cancer Prevalence:*

All respondents were asked if they had ever been told by a doctor, nurse or other health professional that they had cancer and if so, what type. The list of cancer types included the following: bladder, breast, colon or rectum, kidney, lung, melanoma of the skin, non-Hodgkin lymphoma, ovary, prostate, uterus, and other. In this analysis percentages of the following cancer types or groups: bladder, breast, colorectal, lung, prostate, skin, women's (ovarian and uterine) and other (kidney, non-Hodgkin's and other) were calculated.

### *Summary of Cancer Prevalence:*

In 2004, 8% of Missourians have ever been told by a doctor, nurse, or other healthcare provider that they have cancer. More women (9%) than men (6%) and more whites (8%) than blacks (4%) have been diagnosed with any type of cancer. The following percentages were found for different types of cancers: lung cancer 0.2%, skin cancer 2%, breast cancer 1%, ovarian or uterine cancer 0.9%, prostate cancer 0.1%, colon or rectal cancer 0.4%, bladder cancer 0.2%, and any other cancer 3%. See the tables below for more detailed information on Cancer Prevalence reporting in Missouri by region, gender, race, education and income.

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**CANCER: EVER TOLD BY A DOCTOR HAVE CANCER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4728	0.079	0.0689 - 0.0885	0.076	0.0668 - 0.0856
<b>REGION</b>					
Central	581	0.092	0.0662 - 0.118	0.091	0.0671 - 0.1146
Kansas City	909	0.065	0.0459 - 0.0831	0.063	0.045 - 0.0818
Northeast	590	0.092	0.0675 - 0.1173	0.082	0.0606 - 0.1038
Northwest	588	0.054	0.0372 - 0.0714	0.053	0.0363 - 0.0692
Southeast	587	0.088	0.0642 - 0.1124	0.082	0.0591 - 0.1045
Southwest	582	0.075	0.054 - 0.0956	0.069	0.0506 - 0.0874
St. Louis	891	0.082	0.0607 - 0.1035	0.081	0.0606 - 0.1017
<b>GENDER</b>					
Female	2850	0.094	0.0803 - 0.1077	0.088	0.075 - 0.1009
Male	1878	0.062	0.048 - 0.0758	0.064	0.0501 - 0.0776
<b>RACE</b>					
Black	322	0.043	0.016 - 0.07	0.047	0.0186 - 0.0758
Other	275	0.062	0.0287 - 0.0953	0.077	0.0404 - 0.1126
White	4093	0.083	0.0726 - 0.0942	0.079	0.0682 - 0.089
<b>EDUCATION</b>					
< HS	561	0.086	0.0578 - 0.1142	0.058	0.0374 - 0.0793
HS	1739	0.09	0.0723 - 0.1067	0.083	0.0667 - 0.0993
> HS	2417	0.07	0.0572 - 0.0834	0.075	0.0611 - 0.0878
<b>INCOME</b>					
<\$15,000	612	0.101	0.0696 - 0.1332	0.084	0.0576 - 0.1109
\$15-24,999	881	0.083	0.0627 - 0.1035	0.066	0.0485 - 0.0834
\$25-34,999	660	0.09	0.0631 - 0.1169	0.082	0.0581 - 0.1055
\$35-49,999	772	0.079	0.0544 - 0.103	0.087	0.0611 - 0.1121
\$50-74,999	677	0.048	0.0266 - 0.0694	0.057	0.0278 - 0.0859
\$75,000+	603	0.069	0.0426 - 0.0944	0.086	0.0545 - 0.1165

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**CANCER: EVER TOLD BY A DOCTOR HAVE LUNG CANCER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4722	0.002	0.0007 - 0.0035	0.002	0.0007 - 0.0034
<b>REGION</b>					
Central	580	0.002	0 - 0.0049	0.002	0 - 0.005
Kansas City	908	0.001	0 - 0.003	0.001	0 - 0.0029
Northeast	589	0.003	0 - 0.0063	0.002	0 - 0.0047
Northwest	587	8E-04	0 - 0.0024	7E-04	0 - 0.002
Southeast	587	0.005	0 - 0.0113	0.004	0 - 0.0091
Southwest	582	0.001	0 - 0.0041	0.001	0 - 0.0035
St. Louis	889	0.002	0 - 0.0053	0.002	0 - 0.005
<b>GENDER</b>					
Female	2846	0.001	0.0002 - 0.0026	0.001	0 - 0.0024
Male	1876	0.003	0.0005 - 0.0055	0.003	0.0005 - 0.0056
<b>RACE</b>					
Black	320	9E-04	0 - 0.0027	9E-04	0 - 0.0026
Other	275	0.012	0.0005 - 0.0229	0.021	0.0018 - 0.0398
White	4089	0.002	0.0001 - 0.0029	0.001	0 - 0.0028
<b>EDUCATION</b>					
< HS	558	0.008	0.0003 - 0.0151	0.004	0.0003 - 0.0073
HS	1738	0.002	0 - 0.0031	0.001	0 - 0.0027
> HS	2415	0.001	0 - 0.0034	0.001	0 - 0.0031
<b>INCOME</b>					
<\$15,000	611	0.006	0 - 0.0132	0.004	0 - 0.0079
\$15-24,999	880	0.003	0 - 0.0064	0.002	0 - 0.0042
\$25-34,999	660	0.002	0 - 0.0044	0.002	0 - 0.0036
\$35-49,999	772	0.004	0 - 0.0094	0.003	0 - 0.0084
\$50-74,999	676	0.001	0 - 0.0036	0.001	0 - 0.003
\$75,000+	603	0	0 - 0	0	0 - 0

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**CANCER: EVER TOLD BY A DOCTOR HAVE SKIN CANCER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4722	0.02	0.0145 - 0.0247	0.019	0.0139 - 0.0237
<b>REGION</b>					
Central	580	0.018	0.009 - 0.0274	0.018	0.009 - 0.0271
Kansas City	908	0.018	0.0078 - 0.0286	0.018	0.0076 - 0.028
Northeast	589	0.027	0.0133 - 0.0407	0.023	0.0117 - 0.0341
Northwest	587	0.016	0.0073 - 0.0245	0.015	0.007 - 0.0238
Southeast	587	0.027	0.0132 - 0.0402	0.024	0.0116 - 0.0356
Southwest	582	0.019	0.0082 - 0.0306	0.017	0.0076 - 0.0268
St. Louis	889	0.018	0.0072 - 0.0296	0.018	0.007 - 0.0297
<b>GENDER</b>					
Female	2846	0.018	0.0106 - 0.0252	0.017	0.0099 - 0.024
Male	1876	0.021	0.0143 - 0.0285	0.022	0.015 - 0.0291
<b>RACE</b>					
Black	320	0	0 - 0	0	0 - 0
Other	275	0.017	0 - 0.039	0.02	0 - 0.0411
White	4089	0.022	0.0161 - 0.0275	0.02	0.0148 - 0.0258
<b>EDUCATION</b>					
< HS	558	0.013	0.0013 - 0.0245	0.007	0.001 - 0.0136
HS	1738	0.018	0.011 - 0.0258	0.016	0.0098 - 0.0227
> HS	2415	0.022	0.0141 - 0.0293	0.023	0.0149 - 0.0306
<b>INCOME</b>					
<\$15,000	611	0.018	0.0036 - 0.0322	0.017	0.0021 - 0.0319
\$15-24,999	880	0.015	0.0074 - 0.023	0.01	0.005 - 0.0152
\$25-34,999	660	0.023	0.0104 - 0.0348	0.02	0.0088 - 0.0319
\$35-49,999	772	0.025	0.0095 - 0.0409	0.03	0.0119 - 0.0472
\$50-74,999	676	0.018	0.0004 - 0.0348	0.022	0 - 0.0454
\$75,000+	603	0.02	0.0097 - 0.0305	0.024	0.0104 - 0.0379

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**CANCER: EVER TOLD BY A DOCTOR HAVE BREAST CANCER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	<b>4722</b>	<b>0.012</b>	<b>0.0085 - 0.0159</b>	<b>0.012</b>	<b>0.0081 - 0.0152</b>
<b>REGION</b>					
Central	580	0.013	0.0006 - 0.0256	0.013	0.001 - 0.0249
Kansas City	908	0.011	0.0039 - 0.0187	0.011	0.0033 - 0.0182
Northeast	589	0.016	0.0051 - 0.0267	0.014	0.0042 - 0.0242
Northwest	587	0.008	0.0012 - 0.0138	0.007	0.0012 - 0.0129
Southeast	587	0.009	0.0027 - 0.0153	0.008	0.0024 - 0.013
Southwest	582	0.005	0.0003 - 0.0093	0.004	0.0003 - 0.0081
St. Louis	889	0.017	0.0084 - 0.0248	0.016	0.0083 - 0.0244
<b>GENDER</b>					
Female	2846	0.023	0.0156 - 0.0298	0.02	0.014 - 0.0266
Male	1876	7E-04	0 - 0.0017	8E-04	0 - 0.0019
<b>RACE</b>					
Black	320	0.025	0.0013 - 0.0479	0.027	0.0016 - 0.0522
Other	275	0.006	0 - 0.0123	0.008	0 - 0.0167
White	4089	0.012	0.008 - 0.0154	0.011	0.0073 - 0.0144
<b>EDUCATION</b>					
< HS	558	0.019	0.0026 - 0.0356	0.011	0.0019 - 0.0203
HS	1738	0.016	0.0085 - 0.0233	0.014	0.0073 - 0.0211
> HS	2415	0.009	0.0048 - 0.0122	0.009	0.0053 - 0.0135
<b>INCOME</b>					
<\$15,000	611	0.025	0.0044 - 0.0456	0.018	0.0046 - 0.0309
\$15-24,999	880	0.015	0.0075 - 0.0227	0.012	0.0049 - 0.019
\$25-34,999	660	0.015	0.0033 - 0.0269	0.014	0.0019 - 0.0258
\$35-49,999	772	0.01	0.0022 - 0.0186	0.012	0.0029 - 0.0205
\$50-74,999	676	0.004	0 - 0.0079	0.007	0 - 0.0171
\$75,000+	603	0.007	0.0001 - 0.0135	0.009	0 - 0.0181

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004					
CANCER: EVER TOLD BY A DOCTOR HAVE OVARIAN OR UTERINE CANCER					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4722	0.009	0.0057 - 0.0119	0.009	0.0054 - 0.0117
REGION					
Central	580	0.016	0.0041 - 0.0281	0.016	0.0043 - 0.0274
Kansas City	908	0.008	0 - 0.0153	0.008	0 - 0.0155
Northeast	589	0.005	0 - 0.0103	0.005	0 - 0.0105
Northwest	587	0.005	0 - 0.011	0.006	0 - 0.0122
Southeast	587	0.011	0.0023 - 0.0187	0.01	0.0014 - 0.0186
Southwest	582	0.01	0.0032 - 0.017	0.009	0.0029 - 0.0158
St. Louis	889	0.007	0.0012 - 0.0126	0.007	0.0012 - 0.0125
GENDER					
Female	2846	0.017	0.0106 - 0.0228	0.016	0.01 - 0.0214
Male	1876	0	0 - 0	0	0 - 0
RACE					
Black	320	0.005	0 - 0.0122	0.006	0 - 0.0145
Other	275	0.009	0 - 0.0216	0.008	0 - 0.0184
White	4089	0.009	0.0057 - 0.0127	0.009	0.0054 - 0.012
EDUCATION					
< HS	558	0.011	0.0021 - 0.0205	0.009	0.001 - 0.0162
HS	1738	0.01	0.0043 - 0.0161	0.01	0.0041 - 0.0154
> HS	2415	0.007	0.0033 - 0.0115	0.008	0.0034 - 0.0128
INCOME					
<\$15,000	611	0.02	0.0068 - 0.033	0.019	0.0056 - 0.0315
\$15-24,999	880	0.009	0.002 - 0.0154	0.008	0.0014 - 0.0152
\$25-34,999	660	0.013	0 - 0.0271	0.011	0 - 0.0218
\$35-49,999	772	0.004	0 - 0.0075	0.003	0 - 0.0069
\$50-74,999	676	0.01	0.0014 - 0.0186	0.012	0 - 0.0241
\$75,000+	603	0.001	0 - 0.0036	0.004	0 - 0.0121

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004					
CANCER: EVER TOLD BY A DOCTOR HAVE PROSTATE CANCER					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4722	0.001	0 - 0.0029	0.001	0 - 0.0026
REGION					
Central	580	0	0 - 0	0	0 - 0
Kansas City	908	0.001	0 - 0.003	0.001	0 - 0.0033
Northeast	589	0	0 - 0	0	0 - 0
Northwest	587	0	0 - 0	0	0 - 0
Southeast	587	0	0 - 0	0	0 - 0
Southwest	582	0	0 - 0	0	0 - 0
St. Louis	889	0.002	0 - 0.0071	0.002	0 - 0.0071
GENDER					
Female	2846	0	0 - 0	0	0 - 0
Male	1876	0.002	0 - 0.0058	0.003	0 - 0.0064
RACE					
Black	320	0	0 - 0	0	0 - 0
Other	275	0	0 - 0	0	0 - 0
White	4089	0.001	0 - 0.0033	0.001	0 - 0.0029
EDUCATION					
< HS	558	0	0 - 0	0	0 - 0
HS	1738	0.003	0 - 0.0078	0.003	0 - 0.0066
> HS	2415	2E-04	0 - 0.0006	2E-04	0 - 0.0006
INCOME					
<\$15,000	611	0	0 - 0	0	0 - 0
\$15-24,999	880	0	0 - 0	0	0 - 0
\$25-34,999	660	0	0 - 0	0	0 - 0
\$35-49,999	772	9E-04	0 - 0.0027	0.001	0 - 0.0036
\$50-74,999	676	5E-04	0 - 0.0015	0.001	0 - 0.0039
\$75,000+	603	0	0 - 0	0	0 - 0

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004					
CANCER: EVER TOLD BY A DOCTOR HAVE COLON OR RECTAL CANCER					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4722	0.004	0.0019 - 0.0055	0.004	0.002 - 0.0051
REGION					
Central	580	0.005	0.0004 - 0.0102	0.005	0.0005 - 0.0103
Kansas City	908	0	0 - 0	0	0 - 0
Northeast	589	0.006	0.0008 - 0.0106	0.005	0.0005 - 0.0091
Northwest	587	0.004	0 - 0.0081	0.003	0 - 0.007
Southeast	587	0.006	0.0001 - 0.0111	0.005	0.0001 - 0.0103
Southwest	582	0.008	0.0021 - 0.0135	0.007	0.0019 - 0.0121
St. Louis	889	0.003	0 - 0.0059	0.003	0 - 0.006
GENDER					
Female	2846	0.004	0.0021 - 0.0061	0.004	0.0019 - 0.0054
Male	1876	0.003	0.0005 - 0.0059	0.004	0.0004 - 0.0066
RACE					
Black	320	5E-04	0 - 0.0015	5E-04	0 - 0.0014
Other	275	0.002	0 - 0.0065	0.004	0 - 0.0118
White	4089	0.004	0.0021 - 0.0061	0.004	0.002 - 0.0056
EDUCATION					
< HS	558	0.006	0.0005 - 0.0119	0.003	0.0003 - 0.0058
HS	1738	0.007	0.0022 - 0.0108	0.006	0.002 - 0.0095
> HS	2415	0.001	0.0004 - 0.0024	0.002	0.0004 - 0.0027
INCOME					
<\$15,000	611	0.006	0.0005 - 0.0111	0.004	0.0004 - 0.007
\$15-24,999	880	0.007	0 - 0.0143	0.004	0 - 0.0085
\$25-34,999	660	0.002	0 - 0.005	0.002	0 - 0.0044
\$35-49,999	772	0.003	0 - 0.0061	0.003	0 - 0.0065
\$50-74,999	676	0	0 - 0	0	0 - 0
\$75,000+	603	0.002	0 - 0.0033	0.002	0 - 0.0048



**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**CANCER: EVER TOLD BY A DOCTOR HAVE BLADDER CANCER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4722	0.002	0.0009 - 0.0037	0.002	0.0008 - 0.0036
<b>REGION</b>					
Central	580	0.005	0 - 0.01	0.005	0 - 0.01
Kansas City	908	0.004	0 - 0.0076	0.004	0 - 0.0076
Northeast	589	0	0 - 0	0	0 - 0
Northwest	587	0.003	0 - 0.0067	0.003	0 - 0.006
Southeast	587	0.002	0 - 0.0047	0.001	0 - 0.0038
Southwest	582	0.002	0 - 0.0038	0.001	0 - 0.0033
St. Louis	889	0.002	0 - 0.0038	0.002	0 - 0.0037
<b>GENDER</b>					
Female	2846	0.001	0.0001 - 0.0021	9E-04	0.0001 - 0.0017
Male	1876	0.004	0.0012 - 0.0062	0.004	0.0011 - 0.0066
<b>RACE</b>					
Black	320	0	0 - 0	0	0 - 0
Other	275	0	0 - 0	0	0 - 0
White	4089	0.003	0.0011 - 0.0043	0.003	0.0011 - 0.0038
<b>EDUCATION</b>					
< HS	558	0.004	0 - 0.0091	0.004	0 - 0.0111
HS	1738	0.003	0.0007 - 0.0051	0.003	0.0006 - 0.0046
> HS	2415	0.002	0 - 0.0035	0.002	0 - 0.0041
<b>INCOME</b>					
<\$15,000	611	0.001	0 - 0.0031	8E-04	0 - 0.0019
\$15-24,999	880	4E-04	0 - 0.0012	2E-04	0 - 0.0006
\$25-34,999	660	0.007	0 - 0.0146	0.006	0 - 0.0126
\$35-49,999	772	0.004	0 - 0.0081	0.005	0 - 0.0104
\$50-74,999	676	0	0 - 0	0	0 - 0
\$75,000+	603	0.001	0 - 0.0041	0.001	0 - 0.003

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**CANCER: EVER TOLD BY A DOCTOR HAVE CANCER – (KIDNEY, NON-  
HODGKIN, OTHER)**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4722	0.028	0.0218 - 0.0344	0.028	0.0215 - 0.0341
<b>REGION</b>					
Central	580	0.032	0.0158 - 0.0472	0.031	0.0157 - 0.0463
Kansas City	908	0.021	0.0104 - 0.0316	0.021	0.0103 - 0.0314
Northeast	589	0.036	0.019 - 0.052	0.033	0.018 - 0.0482
Northwest	587	0.018	0.0074 - 0.0278	0.018	0.0074 - 0.0277
Southeast	587	0.03	0.0144 - 0.0454	0.03	0.0139 - 0.0461
Southwest	582	0.03	0.0154 - 0.044	0.029	0.0148 - 0.0426
St. Louis	889	0.03	0.0157 - 0.0443	0.03	0.0159 - 0.0434
<b>GENDER</b>					
Female	2846	0.029	0.0218 - 0.0364	0.028	0.0211 - 0.0356
Male	1876	0.027	0.0163 - 0.0379	0.028	0.017 - 0.0386
<b>RACE</b>					
Black	320	0.01	0 - 0.0216	0.01	0 - 0.0224
Other	275	0.016	0 - 0.0342	0.016	0 - 0.0347
White	4089	0.03	0.023 - 0.0376	0.029	0.0224 - 0.0365
<b>EDUCATION</b>					
< HS	558	0.024	0.0095 - 0.0385	0.02	0.0055 - 0.0345
HS	1738	0.03	0.0191 - 0.0411	0.03	0.0182 - 0.0413
> HS	2415	0.028	0.0187 - 0.0363	0.029	0.0198 - 0.0374
<b>INCOME</b>					
<\$15,000	611	0.025	0.0107 - 0.0393	0.023	0.0082 - 0.0368
\$15-24,999	880	0.033	0.0192 - 0.0466	0.029	0.0155 - 0.0421
\$25-34,999	660	0.028	0.0146 - 0.042	0.028	0.0143 - 0.0406
\$35-49,999	772	0.028	0.0129 - 0.0431	0.029	0.014 - 0.0446
\$50-74,999	676	0.014	0.0058 - 0.023	0.013	0.0054 - 0.0203
\$75,000+	603	0.038	0.0147 - 0.0605	0.045	0.0181 - 0.0722

## V HEALTH CONDITIONS

### SECTION 18. ARTHRITIS AMONG MISSOURI ADULTS, 2004

#### *Description of BRFSS questions regarding Arthritis:*

All respondents were asked if they had any symptoms of pain, aching, or stiffness in or around a joint in the past 30 days, not including the back or neck. Respondents were also asked if they had ever been told by a doctor or other health professional that they had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia.

#### *Summary of Arthritis:*

In 2004, 52% of Missouri adults reported having symptoms of pain, aching, or stiffness in or around a joint (not including the back or neck) and 58% said these symptoms were present on most days for at least one month. Respondents of lower education and income levels were more likely to report having joint symptoms. Thirty-one percent were told by a doctor that they had some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia. See the tables below for more detailed information on Arthritis reporting in Missouri by region, gender, race, education and income.

#### *Additional Information about Arthritis*

The word arthritis applies to more than 100 different conditions of unknown or varied causes. Joint involvement is the most characteristic aspect of arthritis, but various forms can also result in such problems as kidney disease, blindness, and premature death. Arthritis causes pain, loss of movement, and sometimes swelling of joints and tissues. Common forms of arthritis include: [Osteoarthritis](#), [Rheumatoid Arthritis](#), [Fibromyalgia](#), [Gout](#), [Ankylosing Spondylitis](#), [Juvenile Arthritis](#), [Systemic Lupus Erythematosus](#) also known as Lupus or SLE, and [Scleroderma](#).

According to the Centers for Disease Control and Prevention ([CDC](#)), arthritis and chronic joint symptoms affect nearly 70 million Americans, or about one of every three adults, making it one of the most prevalent diseases in the United States. As the population ages, this number will increase dramatically. Arthritis is the leading cause of [disability](#) in the United States, and is one of Missouri's most prevalent chronic health problems, affecting one of every three Missourians 18 years of age and older.

This information originated from the DHSS website at <http://www.dhss.mo.gov/Arthritis/>

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**ARTHRITIS: HAD ANY SYMPTOMS OF PAIN, ACHING, OR STIFFNESS IN OR**  
**AROUND A JOINT (NOT INCLUDING BACK OR NECK) WITHIN THE PAST 12**  
**MONTHS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	<b>4735</b>	<b>0.5205</b>	<b>0.5007 - 0.5403</b>	<b>0.5171</b>	<b>0.4973 - 0.5369</b>
<b>REGION</b>					
Central	581	0.4946	0.4446 - 0.5446	0.4954	0.447 - 0.5438
Kansas City	909	0.4752	0.4366 - 0.5138	0.4723	0.4337 - 0.5109
Northeast	591	0.5135	0.4614 - 0.5656	0.5113	0.4623 - 0.5603
Northwest	590	0.5101	0.4584 - 0.5618	0.5129	0.4645 - 0.5614
Southeast	590	0.528	0.4806 - 0.5754	0.5235	0.4763 - 0.5707
Southwest	583	0.5335	0.4863 - 0.5807	0.5301	0.4834 - 0.5767
St. Louis	891	0.5485	0.5066 - 0.5904	0.5435	0.5014 - 0.5857
<b>GENDER</b>					
Female	2854	0.5145	0.4892 - 0.5398	0.5059	0.4812 - 0.5305
Male	1881	0.5272	0.4964 - 0.558	0.5261	0.4954 - 0.5569
<b>RACE</b>					
Black	322	0.4521	0.3813 - 0.5229	0.4817	0.4182 - 0.5452
Other	275	0.5255	0.4447 - 0.6063	0.5303	0.4548 - 0.6058
White	4100	0.5273	0.5059 - 0.5487	0.5211	0.4995 - 0.5426
<b>EDUCATION</b>					
< HS	564	0.5912	0.53 - 0.6524	0.5911	0.5246 - 0.6575
HS	1740	0.5429	0.5098 - 0.576	0.5362	0.5023 - 0.5701
> HS	2419	0.4919	0.4649 - 0.5189	0.4918	0.4657 - 0.5179
<b>INCOME</b>					
<\$15,000	612	0.6281	0.5711 - 0.6851	0.6274	0.5735 - 0.6813
\$15-24,999	883	0.5331	0.489 - 0.5772	0.5334	0.4873 - 0.5794
\$25-34,999	662	0.5294	0.4757 - 0.5831	0.5318	0.477 - 0.5867
\$35-49,999	773	0.5464	0.4999 - 0.5929	0.5416	0.4951 - 0.588
\$50-74,999	678	0.4865	0.4351 - 0.5379	0.4826	0.4291 - 0.5361
\$75,000+	603	0.4701	0.4176 - 0.5226	0.48	0.4261 - 0.5339

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**ARTHRITIS: JOINT SYMPTOMS WERE PRESENT ON MOST DAYS FOR AT**  
**LEAST ONE MONTH**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2526	0.5828	0.5559 - 0.6097	0.5633	0.5343 - 0.5923
<b>REGION</b>					
Central	305	0.5925	0.5253 - 0.6597	0.5889	0.5191 - 0.6586
Kansas City	451	0.5721	0.5162 - 0.628	0.5425	0.4863 - 0.5988
Northeast	310	0.6112	0.5473 - 0.6751	0.589	0.5208 - 0.6572
Northwest	313	0.6024	0.5322 - 0.6726	0.5839	0.5145 - 0.6533
Southeast	321	0.6374	0.5755 - 0.6993	0.6145	0.5402 - 0.6887
Southwest	322	0.6024	0.5418 - 0.663	0.577	0.5121 - 0.6419
St. Louis	504	0.5565	0.5008 - 0.6122	0.5362	0.4766 - 0.5958
<b>GENDER</b>					
Female	1540	0.5968	0.5629 - 0.6307	0.56	0.5222 - 0.5978
Male	986	0.5677	0.5252 - 0.6102	0.5636	0.5201 - 0.6071
<b>RACE</b>					
Black	162	0.6169	0.5236 - 0.7102	0.6131	0.5066 - 0.7195
Other	140	0.5336	0.4158 - 0.6514	0.5571	0.4581 - 0.6561
White	2209	0.5836	0.5546 - 0.6126	0.5605	0.5293 - 0.5917
<b>EDUCATION</b>					
< HS	330	0.6755	0.6 - 0.751	0.6606	0.5841 - 0.737
HS	930	0.5914	0.5467 - 0.6361	0.575	0.526 - 0.624
> HS	1260	0.5545	0.5167 - 0.5923	0.5274	0.4905 - 0.5642
<b>INCOME</b>					
<\$15,000	397	0.6755	0.6081 - 0.7429	0.6522	0.5754 - 0.729
\$15-24,999	481	0.6105	0.5527 - 0.6683	0.581	0.5199 - 0.6422
\$25-34,999	343	0.5645	0.4885 - 0.6405	0.5536	0.4778 - 0.6295
\$35-49,999	417	0.5884	0.5269 - 0.6499	0.588	0.5245 - 0.6515
\$50-74,999	329	0.5504	0.4771 - 0.6237	0.4959	0.4296 - 0.5621
\$75,000+	301	0.4975	0.4211 - 0.5739	0.4977	0.4205 - 0.5749

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**ARTHRITIS: TOLD BY DOCTOR HAVE SOME FORM OF ARTHRITIS,**  
**RHEUMATOID ARTHRITIS, GOUT, LUPUS, OR FIBROMYALGIA**  
 Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4723	0.3079	0.2905 - 0.3253	0.3002	0.2842 - 0.3163
<b>REGION</b>					
Central	582	0.315	0.2689 - 0.3611	0.3163	0.2732 - 0.3594
Kansas City	906	0.2698	0.2373 - 0.3023	0.2693	0.2393 - 0.2993
Northeast	589	0.2706	0.2308 - 0.3104	0.2569	0.2209 - 0.293
Northwest	589	0.3286	0.2825 - 0.3747	0.329	0.2867 - 0.3714
Southeast	589	0.352	0.3093 - 0.3947	0.3326	0.2936 - 0.3716
Southwest	581	0.3321	0.29 - 0.3742	0.3175	0.2806 - 0.3543
St. Louis	887	0.3059	0.2689 - 0.3429	0.2981	0.2644 - 0.3318
<b>GENDER</b>					
Female	2847	0.343	0.3201 - 0.3659	0.3236	0.3034 - 0.3438
Male	1876	0.269	0.2423 - 0.2957	0.2712	0.246 - 0.2965
<b>RACE</b>					
Black	322	0.2978	0.2355 - 0.3601	0.3161	0.2649 - 0.3673
Other	274	0.2875	0.2128 - 0.3622	0.3166	0.2454 - 0.3877
White	4089	0.3098	0.291 - 0.3286	0.2957	0.2786 - 0.3127
<b>EDUCATION</b>					
< HS	563	0.4451	0.3847 - 0.5055	0.4153	0.3522 - 0.4784
HS	1737	0.3359	0.3063 - 0.3655	0.3125	0.2878 - 0.3372
> HS	2411	0.2619	0.239 - 0.2848	0.2712	0.2496 - 0.2927
<b>INCOME</b>					
<\$15,000	612	0.4435	0.3886 - 0.4984	0.4366	0.3856 - 0.4875
\$15-24,999	881	0.3758	0.3346 - 0.417	0.3456	0.3072 - 0.384
\$25-34,999	660	0.3183	0.2691 - 0.3675	0.3024	0.2544 - 0.3504
\$35-49,999	772	0.2698	0.2302 - 0.3094	0.2747	0.2375 - 0.312
\$50-74,999	673	0.2346	0.1919 - 0.2773	0.2475	0.2028 - 0.2921
\$75,000+	603	0.2273	0.183 - 0.2716	0.2581	0.2136 - 0.3026

## ASTHMA AMONG MISSOURIANS

### *ADDITIONAL ASTHMA INFORMATION:*

Asthma is a chronic disease that affects the airways, which are the tubes that carry air in and out of the lungs. Asthma causes the inside walls of the airways to become inflamed or swollen. The inflammation makes the airways very sensitive, so they tend to react strongly to things that people are allergic to or find irritating. When the airways react, they get narrower and less air flows through the lung tissues. This causes symptoms such as wheezing (a whistling sound when breathing), coughing, chest tightness, and trouble breathing.

Asthma cannot be cured, but for most patients it can be controlled so that only minimal and infrequent symptoms are experienced. Controlling asthma means staying away from things that bother the airways and taking medicines as directed by a doctor. By controlling asthma every day, serious symptoms can be prevented allowing people to take part in any activity. If asthma is not well controlled, symptoms can cause school, work and activities to be missed. Asthma is one of the leading causes of children missing school.

This information originated from the DHSS website at <http://www.dhss.mo.gov/asthma/>

## SECTION 19. ASTHMA AMONG MISSOURI CHILDREN, 2004

### *Description of BRFSS questions regarding Childhood Asthma:*

All respondents who indicated that they had children less than 18 living in their household were asked if each of those children were ever told by a doctor, nurse, or other health professional they had asthma and if so, if those children still have asthma. In these analyses, the percentages of respondents who reported having children in the household 5 years of age or younger, between 5 and 17 years of age and all children 17 or younger who had ever been diagnosed with asthma and those children in the above age categories who currently have asthma were calculated.

### *Summary of Childhood Asthma:*

In 2004, 17% of Missouri adults reported having children age 17 or younger living in their household who had ever been told by a doctor that they have asthma and 13% had children who currently had asthma. Ten percent of Missouri adults reported having children between the ages of 5 and 17 living in their household who had ever been told by a doctor that they have asthma and 8% who currently have asthma. See the tables below for more detailed information on Childhood Asthma reporting in Missouri by region, gender, race, education and income.



**HEALTH CONDITIONS AMONG MISSOURI CHILDREN, 2004**  
**CHILDHOOD ASTHMA: ONE OR MORE CHILDREN UNDER 5 YEARS OF AGE**  
**LIVING IN HOUSEHOLD HAVE EVER BEEN DIAGNOSED WITH ASTHMA**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	582	0.0897	0.0636 - 0.1158	0.0606	0.0399 - 0.0814
<b>REGION</b>					
Central	70	0.0409	0 - 0.0821	0.0204	0 - 0.0428
Kansas City	113	0.1057	0.0379 - 0.1735	0.065	0.0168 - 0.1132
Northeast	65	0.1059	0.0273 - 0.1845	0.2919	0.1355 - 0.4483
Northwest	71	0.1231	0.0231 - 0.2231	0.0826	0.0234 - 0.1418
Southeast	68	0.126	0.0427 - 0.2093	0.1699	0 - 0.341
Southwest	73	0.0844	0.0121 - 0.1567	0.0467	0.001 - 0.0924
St. Louis	122	0.085	0.0387 - 0.1313	0.0469	0.0191 - 0.0747
<b>GENDER</b>					
Female	353	0.1095	0.0721 - 0.1469	0.0708	0.0381 - 0.1036
Male	229	0.0666	0.0313 - 0.1019	0.0453	0.0204 - 0.0702
<b>RACE</b>					
Black	58	0.2173	0.1021 - 0.3325	0.1459	0.054 - 0.2378
Other	49		Insuff Data		Insuff Data
White	472	0.0805	0.0521 - 0.1089	0.0555	0.0274 - 0.0835
<b>EDUCATION</b>					
< HS	49		Insuff Data		Insuff Data
HS	200	0.0938	0.0481 - 0.1395	0.0627	0.0301 - 0.0952
> HS	332	0.0664	0.0364 - 0.0964	0.041	0.019 - 0.0629
<b>INCOME</b>					
<\$15,000	57	0.1103	0.037 - 0.1836	0.1028	0 - 0.2057
\$15-24,999	97	0.127	0.051 - 0.203	0.1012	0.042 - 0.1604
\$25-34,999	72	0.1784	0.0761 - 0.2807	0.2885	0.2091 - 0.3679
\$35-49,999	118	0.1121	0.0411 - 0.1831	0.0675	0.0234 - 0.1116
\$50-74,999	113	0.0575	0.0109 - 0.1041	0.0349	0 - 0.0743
\$75,000+	97	0.0333	0 - 0.0737	0.0159	0 - 0.0363

HEALTH CONDITIONS AMONG MISSOURI CHILDREN, 2004					
CHILDHOOD ASTHMA: ONE OR MORE CHILDREN UNDER 5 YEARS OF AGE					
LIVING IN HOUSEHOLD STILL HAVE ASTHMA					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	582	0.0679	0.0446 - 0.0912	0.0458	0.0276 - 0.064
REGION					
Central	70	0.0309	0 - 0.067	0.0166	0 - 0.0378
Kansas City	113	0.0665	0.0106 - 0.1224	0.0395	0.0011 - 0.0779
Northeast	65	0.0759	0.011 - 0.1408	0.2793	0.1242 - 0.4343
Northwest	71	0.1143	0.0155 - 0.2131	0.077	0.0186 - 0.1354
Southeast	68	0.0845	0.0104 - 0.1586	0.0879	0 - 0.1873
Southwest	73	0.0844	0.0121 - 0.1567	0.0467	0.001 - 0.0924
St. Louis	122	0.0639	0.0225 - 0.1053	0.0366	0.0109 - 0.0623
GENDER					
Female	353	0.0796	0.0459 - 0.1133	0.058	0.026 - 0.0899
Male	229	0.0542	0.0226 - 0.0858	0.0335	0.0131 - 0.0539
RACE					
Black	58	0.1632	0.0562 - 0.2702	0.1158	0.0268 - 0.2047
Other	49		Insuff Data		Insuff Data
White	472	0.0616	0.0361 - 0.0871	0.0411	0.0156 - 0.0665
EDUCATION					
< HS	49		Insuff Data		Insuff Data
HS	200	0.0793	0.0354 - 0.1232	0.0484	0.0203 - 0.0764
> HS	332	0.0476	0.0213 - 0.0739	0.0331	0.0122 - 0.0541
INCOME					
<\$15,000	57	0.0438	0.0036 - 0.084	0.0609	0 - 0.154
\$15-24,999	97	0.1148	0.0405 - 0.1891	0.0885	0.0313 - 0.1458
\$25-34,999	72	0.1524	0.0546 - 0.2502	0.2752	0.198 - 0.3524
\$35-49,999	118	0.0744	0.0162 - 0.1326	0.0435	0.01 - 0.077
\$50-74,999	113	0.0439	0.0006 - 0.0872	0.0165	0.0005 - 0.0326
\$75,000+	97	0.0268	0 - 0.0652	0.0133	0 - 0.0329

**HEALTH CONDITIONS AMONG MISSOURI CHILDREN, 2004**  
**CHILDHOOD ASTHMA: ONE OR MORE CHILDREN BETWEEN 5 AND 17 YEARS**  
**OF AGE LIVING IN HOUSEHOLD HAVE EVER BEEN DIAGNOSED WITH ASTHMA**  
 Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1155	0.1073	0.0852 - 0.1294	0.088	0.0688 - 0.1072
<b>REGION</b>					
Central	135	0.0738	0.0252 - 0.1224	0.0559	0.0183 - 0.0935
Kansas City	229	0.1397	0.0895 - 0.1899	0.1276	0.0819 - 0.1732
Northeast	135	0.0968	0.0464 - 0.1472	0.0749	0.0345 - 0.1153
Northwest	147	0.1119	0.0596 - 0.1642	0.0909	0.0415 - 0.1403
Southeast	144	0.0913	0.047 - 0.1356	0.0639	0.0307 - 0.097
Southwest	149	0.1077	0.0524 - 0.163	0.0995	0.0409 - 0.1581
St. Louis	216	0.1053	0.0604 - 0.1502	0.0784	0.0445 - 0.1123
<b>GENDER</b>					
Female	718	0.1349	0.1028 - 0.167	0.1094	0.0812 - 0.1376
Male	437	0.0756	0.046 - 0.1052	0.0646	0.0382 - 0.0911
<b>RACE</b>					
Black	96	0.1763	0.0832 - 0.2694	0.1497	0.0793 - 0.2201
Other	77	0.0846	0.0227 - 0.1465	0.0743	0.0214 - 0.1273
White	975	0.1012	0.0773 - 0.1251	0.0841	0.0627 - 0.1054
<b>EDUCATION</b>					
< HS	93	0.1559	0.0446 - 0.2672	0.1641	0.0661 - 0.2621
HS	408	0.1202	0.0802 - 0.1602	0.0898	0.0606 - 0.119
> HS	653	0.0931	0.0672 - 0.119	0.0779	0.0544 - 0.1015
<b>INCOME</b>					
<\$15,000	99	0.1594	0.0755 - 0.2433	0.1669	0.0838 - 0.25
\$15-24,999	192	0.126	0.0719 - 0.1801	0.1098	0.0621 - 0.1574
\$25-34,999	148	0.1321	0.0365 - 0.2277	0.1199	0.0338 - 0.2059
\$35-49,999	223	0.1146	0.0623 - 0.1669	0.0988	0.049 - 0.1486
\$50-74,999	230	0.0994	0.0524 - 0.1464	0.0733	0.03 - 0.1166
\$75,000+	204	0.0797	0.0393 - 0.1201	0.0598	0.029 - 0.0905

**HEALTH CONDITIONS AMONG MISSOURI CHILDREN, 2004**  
**CHILDHOOD ASTHMA: ONE OR MORE CHILDREN BETWEEN 5 AND 17 YEARS**  
**OF AGE LIVING IN HOUSEHOLD STILL HAVE ASTHMA**  
 Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1178	0.0783	0.0589 - 0.0977	0.0653	0.048 - 0.0825
<b>REGION</b>					
Central	137	0.0659	0.0196 - 0.1122	0.0514	0.0147 - 0.088
Kansas City	233	0.1042	0.0619 - 0.1465	0.0953	0.0553 - 0.1352
Northeast	137	0.0612	0.021 - 0.1014	0.042	0.013 - 0.071
Northwest	150	0.0541	0.0171 - 0.0911	0.0472	0.0061 - 0.0884
Southeast	146	0.0531	0.0204 - 0.0858	0.0352	0.0126 - 0.0577
Southwest	151	0.0694	0.0239 - 0.1149	0.0683	0.016 - 0.1206
St. Louis	224	0.0832	0.0428 - 0.1236	0.0632	0.0322 - 0.0941
<b>GENDER</b>					
Female	730	0.1032	0.0744 - 0.132	0.0866	0.06 - 0.1133
Male	448	0.0498	0.0247 - 0.0749	0.0431	0.0203 - 0.0658
<b>RACE</b>					
Black	97	0.1462	0.0568 - 0.2356	0.1214	0.0549 - 0.1878
Other	79	0.0379	0 - 0.0834	0.0322	0 - 0.0712
White	995	0.0737	0.0529 - 0.0945	0.0631	0.0437 - 0.0825
<b>EDUCATION</b>					
< HS	96	0.109	0.0114 - 0.2066	0.1303	0.0381 - 0.2224
HS	415	0.0804	0.0461 - 0.1147	0.0614	0.0364 - 0.0865
> HS	666	0.0728	0.0497 - 0.0959	0.0612	0.0394 - 0.083
<b>INCOME</b>					
<\$15,000	100	0.0977	0.0371 - 0.1583	0.1049	0.0386 - 0.1711
\$15-24,999	194	0.081	0.0373 - 0.1247	0.0759	0.0344 - 0.1175
\$25-34,999	152	0.1192	0.0271 - 0.2113	0.1111	0.0268 - 0.1954
\$35-49,999	228	0.0804	0.0387 - 0.1221	0.0735	0.0278 - 0.1192
\$50-74,999	232	0.0715	0.0296 - 0.1134	0.0563	0.0148 - 0.0979
\$75,000+	211	0.0641	0.0269 - 0.1013	0.0455	0.0183 - 0.0728

**HEALTH CONDITIONS AMONG MISSOURI CHILDREN, 2004**  
**CHILDHOOD ASTHMA: ONE OR MORE CHILDREN AGE 17 OR YOUNGER LIVING**  
**IN HOUSEHOLD HAVE EVER BEEN DIAGNOSED WITH ASTHMA**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1542	0.1654	0.1427 - 0.1881	0.1352	0.1158 - 0.1546
<b>REGION</b>					
Central	182	0.0928	0.0491 - 0.1365	0.0719	0.0362 - 0.1076
Kansas City	314	0.2024	0.1522 - 0.2526	0.1783	0.1339 - 0.2228
Northeast	180	0.1661	0.1079 - 0.2243	0.1812	0.0736 - 0.2888
Northwest	195	0.175	0.1131 - 0.2369	0.1397	0.0868 - 0.1926
Southeast	183	0.1727	0.1168 - 0.2286	0.1488	0.1 - 0.1976
Southwest	188	0.1626	0.104 - 0.2212	0.1337	0.08 - 0.1874
St. Louis	300	0.1663	0.1208 - 0.2118	0.1343	0.0955 - 0.1731
<b>GENDER</b>					
Female	951	0.2053	0.1726 - 0.238	0.1697	0.1399 - 0.1995
Male	591	0.1189	0.0889 - 0.1489	0.0984	0.0737 - 0.1231
<b>RACE</b>					
Black	137	0.3156	0.2211 - 0.4101	0.2732	0.1919 - 0.3545
Other	113	0.1665	0.0905 - 0.2425	0.1389	0.076 - 0.2019
White	1282	0.147	0.1231 - 0.1709	0.1187	0.0984 - 0.1391
<b>EDUCATION</b>					
< HS	126	0.2589	0.1546 - 0.3632	0.2168	0.1237 - 0.3099
HS	531	0.1572	0.1192 - 0.1952	0.1224	0.0934 - 0.1514
> HS	883	0.1566	0.1282 - 0.185	0.1314	0.1056 - 0.1573
<b>INCOME</b>					
<\$15,000	145	0.2439	0.1575 - 0.3303	0.246	0.1641 - 0.3279
\$15-24,999	250	0.1721	0.1178 - 0.2264	0.1511	0.1029 - 0.1993
\$25-34,999	199	0.2258	0.1441 - 0.3075	0.1807	0.1076 - 0.2538
\$35-49,999	293	0.1791	0.1234 - 0.2348	0.1523	0.1021 - 0.2024
\$50-74,999	297	0.1363	0.0898 - 0.1828	0.1017	0.0637 - 0.1397
\$75,000+	275	0.1294	0.0841 - 0.1747	0.0957	0.061 - 0.1303

**HEALTH CONDITIONS AMONG MISSOURI CHILDREN, 2004**  
**CHILDHOOD ASTHMA: ONE OR MORE CHILDREN AGE 17 OR YOUNGER LIVING**  
**IN HOUSEHOLD STILL HAVE ASTHMA**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1540	0.1249	0.1047 - 0.1451	0.1032	0.0857 - 0.1206
<b>REGION</b>					
Central	182	0.0758	0.0362 - 0.1154	0.0616	0.0273 - 0.0959
Kansas City	313	0.1547	0.11 - 0.1994	0.1361	0.0957 - 0.1765
Northeast	179	0.1171	0.0675 - 0.1667	0.1387	0.0342 - 0.2431
Northwest	195	0.1186	0.0633 - 0.1739	0.0947	0.0471 - 0.1424
Southeast	183	0.1234	0.0742 - 0.1726	0.1071	0.0648 - 0.1494
Southwest	188	0.1284	0.0747 - 0.1821	0.0996	0.0521 - 0.147
St. Louis	300	0.1251	0.0849 - 0.1653	0.1039	0.0682 - 0.1396
<b>GENDER</b>					
Female	949	0.16	0.1302 - 0.1898	0.1359	0.1079 - 0.164
Male	591	0.0843	0.0588 - 0.1098	0.0695	0.0486 - 0.0905
<b>RACE</b>					
Black	137	0.2804	0.1875 - 0.3733	0.2386	0.1594 - 0.3178
Other	113	0.1008	0.0457 - 0.1559	0.081	0.0328 - 0.1293
White	1280	0.1077	0.0869 - 0.1285	0.0885	0.0702 - 0.1067
<b>EDUCATION</b>					
< HS	126	0.1878	0.0959 - 0.2797	0.1666	0.0806 - 0.2527
HS	530	0.1119	0.079 - 0.1448	0.0878	0.0627 - 0.1129
> HS	882	0.1236	0.0977 - 0.1495	0.1043	0.0804 - 0.1282
<b>INCOME</b>					
<\$15,000	145	0.1633	0.099 - 0.2276	0.1726	0.1023 - 0.243
\$15-24,999	250	0.137	0.0876 - 0.1864	0.1235	0.0782 - 0.1687
\$25-34,999	199	0.181	0.1036 - 0.2584	0.1514	0.0798 - 0.2229
\$35-49,999	293	0.1294	0.0816 - 0.1772	0.113	0.0676 - 0.1585
\$50-74,999	296	0.0995	0.0591 - 0.1399	0.076	0.0412 - 0.1109
\$75,000+	274	0.1018	0.0599 - 0.1437	0.0736	0.0421 - 0.1052

## SECTION 20. ASTHMA AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Asthma:*

All respondents were asked if they were ever told by a doctor, nurse, or other health professional they had asthma, if they still have asthma, and if they were ever told that their asthma was work related.

### *Summary of Asthma:*

In 2004, 13% of Missouri adults reported ever being told by a doctor that they have asthma and 9% of Missourians report currently having asthma. Five percent were told by a doctor that their asthma was work related. More respondents of lower education report currently having asthma and those of lower income levels that their asthma is work related. See the tables below for more detailed information on Asthma reporting in Missouri by region, gender, race, education and income.

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**ASTHMA: TOLD BY DOCTOR HAVE ASTHMA**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4896	0.1342	0.1209 - 0.1475	0.1346	0.1211 - 0.1481
<b>REGION</b>					
Central	601	0.1091	0.0817 - 0.1365	0.1092	0.0817 - 0.1366
Kansas City	946	0.1522	0.123 - 0.1814	0.153	0.1242 - 0.1818
Northeast	608	0.1035	0.0745 - 0.1325	0.1051	0.0753 - 0.1349
Northwest	610	0.1203	0.0878 - 0.1528	0.1206	0.0899 - 0.1514
Southeast	604	0.1489	0.116 - 0.1818	0.1513	0.1168 - 0.1858
Southwest	603	0.1364	0.105 - 0.1678	0.1359	0.1043 - 0.1674
St. Louis	924	0.1333	0.1053 - 0.1613	0.1345	0.1061 - 0.163
<b>GENDER</b>					
Female	2932	0.1449	0.1278 - 0.162	0.1457	0.1281 - 0.1634
Male	1964	0.1226	0.102 - 0.1432	0.123	0.1028 - 0.1432
<b>RACE</b>					
Black	338	0.1202	0.0765 - 0.1639	0.113	0.0734 - 0.1526
Other	292	0.1499	0.0925 - 0.2073	0.1471	0.093 - 0.2012
White	4229	0.1329	0.1186 - 0.1472	0.1342	0.1195 - 0.1489
<b>EDUCATION</b>					
< HS	593	0.1938	0.1456 - 0.242	0.2045	0.1502 - 0.2588
HS	1808	0.1312	0.1079 - 0.1545	0.1325	0.108 - 0.157
> HS	2484	0.1241	0.1074 - 0.1408	0.1237	0.107 - 0.1404
<b>INCOME</b>					
<\$15,000	638	0.1649	0.1259 - 0.2039	0.1912	0.144 - 0.2385
\$15-24,999	916	0.1665	0.1312 - 0.2018	0.1633	0.1288 - 0.1978
\$25-34,999	682	0.1218	0.0859 - 0.1577	0.1214	0.0867 - 0.1561
\$35-49,999	795	0.1519	0.118 - 0.1858	0.1499	0.1164 - 0.1834
\$50-74,999	694	0.1034	0.074 - 0.1328	0.1084	0.073 - 0.1439
\$75,000+	616	0.1138	0.0834 - 0.1442	0.1274	0.0893 - 0.1654



## HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004

### ASTHMA: STILL HAVE ASTHMA

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4880	0.0913	0.0799 - 0.1027	0.0913	0.0798 - 0.1029
<b>REGION</b>					
Central	599	0.0685	0.0471 - 0.0899	0.068	0.0471 - 0.089
Kansas City	944	0.0978	0.0741 - 0.1215	0.0982	0.0745 - 0.1219
Northeast	606	0.0649	0.0429 - 0.0869	0.0645	0.0425 - 0.0864
Northwest	610	0.0669	0.0438 - 0.09	0.0677	0.0454 - 0.09
Southeast	601	0.1028	0.0754 - 0.1302	0.1022	0.074 - 0.1304
Southwest	599	0.105	0.0766 - 0.1334	0.104	0.0756 - 0.1324
St. Louis	921	0.0927	0.0684 - 0.117	0.0935	0.0688 - 0.1182
<b>GENDER</b>					
Female	2918	0.1029	0.0878 - 0.118	0.1033	0.0878 - 0.1188
Male	1962	0.0787	0.0616 - 0.0958	0.0791	0.062 - 0.0962
<b>RACE</b>					
Black	337	0.0907	0.0519 - 0.1295	0.0824	0.0501 - 0.1148
Other	292	0.1058	0.0578 - 0.1538	0.1046	0.0581 - 0.151
White	4214	0.0898	0.0775 - 0.1021	0.0903	0.0776 - 0.1031
<b>EDUCATION</b>					
< HS	592	0.1646	0.1181 - 0.2111	0.1775	0.1246 - 0.2305
HS	1801	0.0896	0.0694 - 0.1098	0.0894	0.0677 - 0.1112
> HS	2476	0.0774	0.0641 - 0.0907	0.0768	0.0637 - 0.0899
<b>INCOME</b>					
<\$15,000	635	0.127	0.0913 - 0.1627	0.1511	0.107 - 0.1952
\$15-24,999	913	0.1218	0.0924 - 0.1512	0.1208	0.091 - 0.1506
\$25-34,999	682	0.0912	0.0577 - 0.1247	0.0886	0.0573 - 0.12
\$35-49,999	791	0.0944	0.0666 - 0.1222	0.094	0.066 - 0.122
\$50-74,999	690	0.0604	0.0369 - 0.0839	0.0564	0.034 - 0.0787
\$75,000+	615	0.0699	0.0452 - 0.0946	0.0711	0.0431 - 0.0992

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**ASTHMA: TOLD BY DOCTOR ASTHMA WAS WORK RELATED**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	601	0.0473	0.0248 - 0.0698	0.0501	0.0264 - 0.0738
<b>REGION</b>					
Central	69	0	0 - 0	0	0 - 0
Kansas City	123	0.0503	0.0133 - 0.0873	0.0532	0.017 - 0.0895
Northeast	61	0.0404	0 - 0.0959	0.0366	0 - 0.0844
Northwest	69	0.0313	0 - 0.0811	0.0292	0 - 0.0745
Southeast	81	0.0607	0.006 - 0.1154	0.0572	0.005 - 0.1093
Southwest	75	0.0529	0 - 0.1115	0.057	0 - 0.1209
St. Louis	123	0.0547	0.0039 - 0.1055	0.0546	0.0052 - 0.104
<b>GENDER</b>					
Female	395	0.0258	0.008 - 0.0436	0.0251	0.0076 - 0.0425
Male	206	0.0762	0.0296 - 0.1228	0.0885	0.0358 - 0.1413
<b>RACE</b>					
Black	42		Insuff Data		Insuff Data
Other	41		Insuff Data		Insuff Data
White	510	0.0541	0.0274 - 0.0808	0.0559	0.0289 - 0.083
<b>EDUCATION</b>					
< HS	89	0.0328	0 - 0.0712	0.0367	0 - 0.0818
HS	205	0.0741	0.0233 - 0.1249	0.0944	0.0287 - 0.16
> HS	306	0.0338	0.0079 - 0.0597	0.0374	0.0082 - 0.0666
<b>INCOME</b>					
<\$15,000	107	0.077	0.0037 - 0.1503	0.0626	0.002 - 0.1231
\$15-24,999	120	0.0427	0 - 0.0858	0.0642	0.0018 - 0.1265
\$25-34,999	74	0.0328	0 - 0.0789	0.0319	0 - 0.076
\$35-49,999	99	0.0473	0.0028 - 0.0918	0.085	0 - 0.1775
\$50-74,999	65	0.1085	0 - 0.2257	0.114	0 - 0.239
\$75,000+	73	0.0116	0 - 0.0343	0.0106	0 - 0.0313

## SECTION 21. DIABETES AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Diabetes:*

All respondents were asked if they had ever been told by a doctor they had diabetes. Women who had diabetes only during pregnancy were considered not to have diabetes. All respondents were also asked at what age they were first told they had diabetes. This analysis included percentages of respondents who were told they had diabetes at age 55 or older. Respondents who were told they had diabetes were asked if they were taking insulin or pills for diabetes and if they had seen a doctor in the past 12 months for diabetes. Respondents with diabetes were asked how often they checked their blood glucose or sugar. This included a check by a family member or friend, but not by a health professional. This analysis included percentages of respondents who had their blood glucose or sugar checked less than once per year, 1 to 2 times per year, and more than 2 times per year. In addition, respondents with diabetes were asked if they had an annual comprehensive foot exam, checked their own feet for sores or irritations daily, and ever had foot sores or irritations that took more than 4 weeks to heal. These respondents were also asked if they had annual dilated eye exams and if they had ever been told by a doctor that diabetes had affected their eyes or they had retinopathy. This analysis included percentages of respondents who had annual dilated eye exams in the past year and over one year ago. Finally, respondents with diabetes were asked if they had ever taken a class to learn how to manage their diabetes.

### *Summary of Diabetes:*

In 2004, 7% of Missouri adults reported that they had been told by a doctor that they had diabetes and 41% reported receiving the diagnosis at age 55 or older. A higher percentage of adults with less than a high school education (57%) reported receiving a diagnosis at age 55 or older, as compared to those with more than a high school education (37%). Twenty seven percent of Missourians were taking insulin and 68% were taking pill for their diabetes. Seventy-three percent of Missouri adults with diabetes checked their blood glucose 1 or more times per day, less than ten percent had one A1C test per year, 42% had 1 to 2 tests per year, and 72% had more than 2 per year. The majority of adults with diabetes report having annual foot exams (70%) and comprehensive eye exams (66%). Twenty-two percent reported being told by a doctor that diabetes had affected their eyes or that they have retinopathy. Over half of all Missouri respondents (56%) with diabetes have taken a class to learn how to manage the disease. Overall, indicators for diabetes did not widely vary by any of the demographic variables: region, gender, race, education, and income. See the tables below for more detailed information on Diabetes reporting in Missouri by region, gender, race, education and income.

### *Additional information about Diabetes:*

Most of the food eaten is turned into glucose (sugar) for the body to use as energy. The pancreas, an organ near the stomach, makes a hormone called insulin to help glucose get into body cells. When someone has diabetes, the body either does not make enough insulin or cannot use its own insulin very well. This problem causes glucose to build up in the blood. The signs and symptoms of diabetes include the following: (Some people with diabetes will not experience any symptoms while others will have one or more of the following.)

- Being very thirsty.
- Urinating a lot—often at night.
- Having blurry vision from time to time.

- Feeling very tired much of the time.
- Losing weight without trying.
- Having very dry skin.
- Having sores that are slow to heal.

There are three main types of diabetes:

- Type 1. A person with type 1 diabetes requires insulin injections to stay alive.
- Type 2 occurs when the body does not produce enough or cannot utilize insulin properly. Some adults with type 2 diabetes may also require insulin.
- Gestational diabetes is a form of glucose intolerance that is diagnosed in some women during pregnancy.

The following risk factors make people more likely to get type 2 diabetes. Know the risk of diabetes by completing the [diabetes risk test](#) (.pdf).

- A family history of diabetes.
- History of gestational diabetes or gave birth to a baby weighing 9 pounds or more.
- Being of African American, American Indian, Alaska Native, Hispanic/Latino, or Asian/Pacific Islander heritage.
- Inactive lifestyle – exercises less than three times a week.
- Being overweight.
- Age over 45.
- Blood pressure greater than 140/90 mm/Hg.
- Abnormal lipid levels (cholesterol or triglycerides)
- Previously diagnosed with pre-diabetes.

There are 18.2 million Americans with diabetes and nearly one-third of them do not know it. Before people develop type 2 diabetes, they almost always have “pre-diabetes”—blood glucose levels that are higher than normal but not yet high enough to be diagnosed as diabetes. There are 41 million people in the United States, ages 40 to 74, who have pre-diabetes. Recent research has shown that some long-term damage to the body, especially the heart and circulatory system, may already be occurring during pre-diabetes. Know the risk of pre-diabetes by completing the [pre-diabetes risk test](#) (pdf). Diabetes can affect many parts of the body and can lead to serious complications such as blindness, kidney damage, loss of teeth, heart attack, stroke, and lower-limb amputation. People with diabetes and their health care providers can reduce the occurrence of these and other diabetes complications by controlling the levels for blood glucose, blood pressure, and blood lipids and by receiving other preventive care practices in a timely manner. For more information on diabetes, see a [diabetes fact sheet](#) (.pdf) or the websites listed under [related links](#).

This information originated from the DHSS website at <http://www.dhss.mo.gov/diabetes/>

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: TOLD BY DOCTOR HAVE DIABETES**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4808	0.0739	0.0655 - 0.0823	0.072	0.0635 - 0.0799
<b>REGION</b>					
Central	591	0.1008	0.0761 - 0.1255	0.102	0.0783 - 0.1257
Kansas City	928	0.0646	0.047 - 0.0822	0.064	0.0467 - 0.0812
Northeast	592	0.1082	0.0813 - 0.1351	0.099	0.0757 - 0.1231
Northwest	604	0.0605	0.0391 - 0.0819	0.059	0.0383 - 0.0794
Southeast	593	0.1044	0.0777 - 0.1311	0.1	0.0736 - 0.1258
Southwest	584	0.0879	0.0646 - 0.1112	0.08	0.0602 - 0.1006
St. Louis	916	0.0531	0.0376 - 0.0686	0.052	0.0368 - 0.0666
<b>GENDER</b>					
Female	2866	0.0774	0.0656 - 0.0892	0.072	0.0611 - 0.0827
Male	1942	0.0702	0.0579 - 0.0825	0.072	0.0591 - 0.0838
<b>RACE</b>					
Black	332	0.1019	0.0639 - 0.1399	0.111	0.071 - 0.1506
Other	286	0.0709	0.039 - 0.1028	0.087	0.0506 - 0.1232
White	4153	0.0719	0.0629 - 0.0809	0.068	0.0593 - 0.0766
<b>EDUCATION</b>					
< HS	584	0.1053	0.0781 - 0.1325	0.096	0.0684 - 0.1229
HS	1771	0.0897	0.074 - 0.1054	0.083	0.0684 - 0.0982
> HS	2442	0.0569	0.0463 - 0.0675	0.06	0.0485 - 0.0705
<b>INCOME</b>					
<\$15,000	623	0.1201	0.0921 - 0.1481	0.117	0.0895 - 0.1444
\$15-24,999	898	0.1162	0.0917 - 0.1407	0.109	0.0835 - 0.1349
\$25-34,999	671	0.0788	0.0545 - 0.1031	0.074	0.0508 - 0.0975
\$35-49,999	785	0.0552	0.038 - 0.0724	0.055	0.0382 - 0.0727
\$50-74,999	681	0.0504	0.0318 - 0.069	0.061	0.0345 - 0.0866
\$75,000+	609	0.0341	0.0176 - 0.0506	0.043	0.0196 - 0.0671

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: DIAGNOSED WITH DIABETES AT AGE 55 OR OLDER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	462	0.4117	0.3547 - 0.4687	0.209	0.1819 - 0.2368
<b>REGION</b>					
Central	72	0.4179	0.2934 - 0.5424	0.245	0.1844 - 0.3052
Kansas City	69	0.3546	0.2203 - 0.4889	0.212	0.1477 - 0.2759
Northeast	74	0.4969	0.3689 - 0.6249	0.331	0.2634 - 0.3986
Northwest	45		Insuff Data		Insuff Data
Southeast	67	0.3178	0.1998 - 0.4358	0.217	0.1628 - 0.2718
Southwest	63	0.576	0.4372 - 0.7148	0.359	0.2725 - 0.445
St. Louis	72	0.3553	0.2179 - 0.4927	0.213	0.1278 - 0.2984
<b>GENDER</b>					
Female	263	0.4096	0.3343 - 0.4849	0.191	0.1593 - 0.2236
Male	199	0.4141	0.3271 - 0.5011	0.229	0.1852 - 0.2718
<b>RACE</b>					
Black	44		Insuff Data		Insuff Data
Other	25		Insuff Data		Insuff Data
White	389	0.4323	0.3694 - 0.4952	0.216	0.1851 - 0.2466
<b>EDUCATION</b>					
< HS	80	0.5566	0.427 - 0.6862	0.289	0.213 - 0.3659
HS	191	0.3981	0.3124 - 0.4838	0.208	0.1729 - 0.2427
> HS	187	0.3721	0.281 - 0.4632	0.229	0.1718 - 0.2855
<b>INCOME</b>					
<\$15,000	102	0.3633	0.2506 - 0.476	0.197	0.1626 - 0.232
\$15-24,999	118	0.4323	0.3237 - 0.5409	0.201	0.1472 - 0.2538
\$25-34,999	63	0.4712	0.3138 - 0.6286	0.312	0.2241 - 0.4001
\$35-49,999	54	0.3861	0.2291 - 0.5431	0.333	0.2347 - 0.4315
\$50-74,999	46		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: CURRENTLY TAKING INSULIN FOR DIABETES**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	471	0.2731	0.2221 - 0.3241	0.237	0.1696 - 0.3037
<b>REGION</b>					
Central	74	0.3465	0.223 - 0.47	0.452	0.2117 - 0.6926
Kansas City	71	0.1989	0.1017 - 0.2961	0.178	0.0613 - 0.2942
Northeast	74	0.3539	0.2245 - 0.4833	0.349	0.1942 - 0.5031
Northwest	47		Insuff Data		Insuff Data
Southeast	69	0.3639	0.2312 - 0.4966	0.303	0.1829 - 0.4236
Southwest	64	0.298	0.1749 - 0.4211	0.394	0.0833 - 0.7047
St. Louis	72	0.1863	0.0658 - 0.3068	0.173	0.0451 - 0.3014
<b>GENDER</b>					
Female	268	0.278	0.2067 - 0.3493	0.284	0.1706 - 0.3976
Male	203	0.2674	0.1949 - 0.3399	0.197	0.1301 - 0.2638
<b>RACE</b>					
Black	45		Insuff Data		Insuff Data
Other	25		Insuff Data		Insuff Data
White	396	0.262	0.2063 - 0.3177	0.204	0.1476 - 0.2597
<b>EDUCATION</b>					
< HS	82	0.2614	0.1487 - 0.3741	0.231	0.0924 - 0.3688
HS	197	0.2576	0.1843 - 0.3309	0.185	0.1145 - 0.2545
> HS	188	0.2939	0.2065 - 0.3813	0.335	0.2249 - 0.4448
<b>INCOME</b>					
<\$15,000	104	0.3527	0.2376 - 0.4678	0.274	0.1719 - 0.3754
\$15-24,999	121	0.2542	0.1627 - 0.3457	0.233	0.0767 - 0.3888
\$25-34,999	64	0.3742	0.2239 - 0.5245	0.461	0.3682 - 0.5536
\$35-49,999	54	0.1784	0.0661 - 0.2907	0.132	0.046 - 0.218
\$50-74,999	46		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: CURRENTLY TAKING DIABETES PILLS**  
 Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	471	0.6813	0.6254 - 0.7372	0.7	0.5768 - 0.8226
<b>REGION</b>					
Central	74	0.7266	0.6121 - 0.8411	0.738	0.5893 - 0.8876
Kansas City	71	0.723	0.6085 - 0.8375	0.724	0.5913 - 0.8559
Northeast	74	0.6768	0.5498 - 0.8038	0.633	0.4776 - 0.788
Northwest	47		Insuff Data		Insuff Data
Southeast	69	0.6464	0.5163 - 0.7765	0.702	0.5835 - 0.8195
Southwest	64	0.6127	0.4718 - 0.7536	0.531	0.217 - 0.8454
St. Louis	72	0.6752	0.5317 - 0.8187	0.715	0.562 - 0.8686
<b>GENDER</b>					
Female	268	0.7185	0.6434 - 0.7936	0.771	0.7029 - 0.8393
Male	203	0.6373	0.5528 - 0.7218	0.581	0.4947 - 0.6672
<b>RACE</b>					
Black	45		Insuff Data		Insuff Data
Other	25		Insuff Data		Insuff Data
White	396	0.6741	0.6118 - 0.7364	0.698	0.572 - 0.8248
<b>EDUCATION</b>					
< HS	82	0.7866	0.6872 - 0.886	0.828	0.7359 - 0.9206
HS	197	0.6674	0.5825 - 0.7523	0.717	0.5807 - 0.854
> HS	188	0.6517	0.5568 - 0.7466	0.616	0.5463 - 0.6858
<b>INCOME</b>					
<\$15,000	104	0.6875	0.5752 - 0.7998	0.735	0.6267 - 0.8426
\$15-24,999	121	0.6731	0.5653 - 0.7809	0.616	0.5118 - 0.7211
\$25-34,999	64	0.7376	0.6116 - 0.8636	0.613	0.5374 - 0.6879
\$35-49,999	54	0.7461	0.612 - 0.8802	0.753	0.5801 - 0.9262
\$50-74,999	46		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data



HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004					
DIABETES: HAVE NOT SEEN A DOCTOR FOR DIABETES IN THE PAST YEAR					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	461	0.079	0.0484 - 0.1096	0.05	0.0298 - 0.0701
REGION					
Central	72	0.037	0 - 0.0801	0.024	0 - 0.0529
Kansas City	71	0.0687	0.0126 - 0.1248	0.057	0 - 0.1142
Northeast	73	0.0863	0.0138 - 0.1588	0.098	0.005 - 0.19
Northwest	44		Insuff Data		Insuff Data
Southeast	67	0.0618	0.0048 - 0.1188	0.04	0.0055 - 0.0745
Southwest	63	0.1888	0.0661 - 0.3115	0.136	0.0422 - 0.2303
St. Louis	71	0.0506	0 - 0.1012	0.044	0 - 0.0881
GENDER					
Female	262	0.0864	0.0382 - 0.1346	0.059	0.0255 - 0.0921
Male	199	0.0704	0.0359 - 0.1049	0.042	0.0211 - 0.063
RACE					
Black	43		Insuff Data		Insuff Data
Other	25		Insuff Data		Insuff Data
White	389	0.0714	0.0389 - 0.1039	0.043	0.0223 - 0.0643
EDUCATION					
< HS	79	0.0949	0.0253 - 0.1645	0.071	0.0105 - 0.1312
HS	191	0.0932	0.0344 - 0.152	0.057	0.0206 - 0.0935
> HS	187	0.06	0.0267 - 0.0933	0.043	0.0186 - 0.068
INCOME					
<\$15,000	99	0.1325	0.0496 - 0.2154	0.092	0.0289 - 0.1547
\$15-24,999	119	0.1251	0.0381 - 0.2121	0.099	0.0292 - 0.1692
\$25-34,999	64	0.0394	0 - 0.0798	0.042	0 - 0.0974
\$35-49,999	54	0.1035	0.0175 - 0.1895	0.079	0.0081 - 0.1492
\$50-74,999	46		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004					
DIABETES: CHECK BLOOD GLUCOSE 1 OR MORE TIMES PER DAY					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	427	0.7281	0.6738 - 0.7824	0.681	0.5431 - 0.8187
REGION					
Central	69	0.7757	0.6683 - 0.8831	0.864	0.7992 - 0.9293
Kansas City	62	0.5547	0.3979 - 0.7115	0.526	0.3871 - 0.665
Northeast	68	0.6177	0.4879 - 0.7475	0.589	0.4325 - 0.7461
Northwest	43		Insuff Data		Insuff Data
Southeast	64	0.7767	0.6665 - 0.8869	0.818	0.7222 - 0.9139
Southwest	58	0.7558	0.6343 - 0.8773	0.831	0.7418 - 0.9194
St. Louis	63	0.8113	0.6941 - 0.9285	0.686	0.6172 - 0.7556
GENDER					
Female	244	0.7844	0.7178 - 0.851	0.806	0.6836 - 0.9278
Male	183	0.6585	0.5711 - 0.7459	0.518	0.4111 - 0.6239
RACE					
Black	36		Insuff Data		Insuff Data
Other	22		Insuff Data		Insuff Data
White	364	0.7149	0.6563 - 0.7735	0.67	0.5216 - 0.8183
EDUCATION					
< HS	73	0.6946	0.5709 - 0.8183	0.741	0.6141 - 0.8673
HS	177	0.7407	0.6598 - 0.8216	0.779	0.6449 - 0.9127
> HS	173	0.7275	0.6368 - 0.8182	0.673	0.5728 - 0.7727
INCOME					
<\$15,000	96	0.779	0.6763 - 0.8817	0.759	0.6485 - 0.8684
\$15-24,999	110	0.6969	0.586 - 0.8078	0.619	0.4648 - 0.7721
\$25-34,999	58	0.6852	0.5113 - 0.8591	0.712	0.5977 - 0.827
\$35-49,999	49		Insuff Data		Insuff Data
\$50-74,999	44		Insuff Data		Insuff Data
\$75,000+	21		Insuff Data		Insuff Data

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: A1C TEST <1 TIME PER YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	407	0.0943	0.059 - 0.1296	0.068	0.0414 - 0.0947
<b>REGION</b>					
Central	66	0.1007	0.018 - 0.1834	0.108	0 - 0.2237
Kansas City	67	0.0844	0.0164 - 0.1524	0.066	0.0052 - 0.1271
Northeast	64	0.0952	0.0223 - 0.1681	0.101	0.0123 - 0.1895
Northwest	35		Insuff Data		Insuff Data
Southeast	57	0.0691	0.0072 - 0.131	0.052	0.0051 - 0.098
Southwest	54	0.1473	0.0168 - 0.2778	0.109	0.0108 - 0.2068
St. Louis	64	0.0643	0.0018 - 0.1268	0.062	0.0023 - 0.1226
<b>GENDER</b>					
Female	227	0.0924	0.0387 - 0.1461	0.078	0.0322 - 0.1235
Male	180	0.0964	0.0513 - 0.1415	0.061	0.0327 - 0.0895
<b>RACE</b>					
Black	37		Insuff Data		Insuff Data
Other	20		Insuff Data		Insuff Data
White	346	0.0916	0.0526 - 0.1306	0.066	0.0359 - 0.0958
<b>EDUCATION</b>					
< HS	64	0.1552	0.0574 - 0.253	0.133	0.0446 - 0.221
HS	168	0.1227	0.0549 - 0.1905	0.09	0.0363 - 0.1429
> HS	172	0.0482	0.0147 - 0.0817	0.037	0.0117 - 0.0623
<b>INCOME</b>					
<\$15,000	78	0.1114	0.0346 - 0.1882	0.136	0.0454 - 0.2269
\$15-24,999	109	0.1411	0.0458 - 0.2364	0.108	0.0344 - 0.1818
\$25-34,999	54	0.0506	0.0041 - 0.0971	0.054	0 - 0.1146
\$35-49,999	50	0.1242	0.0244 - 0.224	0.091	0.0139 - 0.168
\$50-74,999	45		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: A1C TESTS 1-2 TIMES PER YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	407	0.4222	0.3589 - 0.4855	0.564	0.4877 - 0.6406
<b>REGION</b>					
Central	66	0.3947	0.262 - 0.5274	0.44	0.333 - 0.5466
Kansas City	67	0.4303	0.2821 - 0.5785	0.521	0.4221 - 0.6197
Northeast	64	0.3888	0.2545 - 0.5231	0.397	0.2378 - 0.5553
Northwest	35		Insuff Data		Insuff Data
Southeast	57	0.2959	0.1681 - 0.4237	0.238	0.1236 - 0.3526
Southwest	54	0.4888	0.3373 - 0.6403	0.449	0.1331 - 0.7654
St. Louis	64	0.4612	0.3005 - 0.6219	0.512	0.3327 - 0.6906
<b>GENDER</b>					
Female	227	0.3385	0.2605 - 0.4165	0.515	0.4573 - 0.5722
Male	180	0.515	0.4213 - 0.6087	0.629	0.5174 - 0.7405
<b>RACE</b>					
Black	37		Insuff Data		Insuff Data
Other	20		Insuff Data		Insuff Data
White	346	0.4352	0.3662 - 0.5042	0.558	0.4452 - 0.6706
<b>EDUCATION</b>					
< HS	64	0.2279	0.1097 - 0.3461	0.197	0.0795 - 0.3143
HS	168	0.442	0.3442 - 0.5398	0.612	0.5137 - 0.7105
> HS	172	0.4688	0.3688 - 0.5688	0.548	0.4568 - 0.6383
<b>INCOME</b>					
<\$15,000	78	0.3057	0.181 - 0.4304	0.427	0.3216 - 0.5321
\$15-24,999	109	0.4332	0.3162 - 0.5502	0.533	0.3906 - 0.6752
\$25-34,999	54	0.5193	0.3498 - 0.6888	0.498	0.4025 - 0.5938
\$35-49,999	50	0.4606	0.2965 - 0.6247	0.434	0.2217 - 0.6466
\$50-74,999	45		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: A1C TESTS 2+ TIMES PER YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	407	0.7219	0.6637 - 0.7801	0.701	0.5559 - 0.8452
<b>REGION</b>					
Central	66	0.7096	0.5806 - 0.8386	0.605	0.4798 - 0.7295
Kansas City	67	0.7823	0.6759 - 0.8887	0.827	0.7227 - 0.9313
Northeast	64	0.7337	0.6139 - 0.8535	0.736	0.5986 - 0.8738
Northwest	35		Insuff Data		Insuff Data
Southeast	57	0.8563	0.765 - 0.9476	0.893	0.817 - 0.9683
Southwest	54	0.681	0.5313 - 0.8307	0.656	0.3388 - 0.9723
St. Louis	64	0.6486	0.4947 - 0.8025	0.606	0.4183 - 0.7938
<b>GENDER</b>					
Female	227	0.6973	0.6169 - 0.7777	0.623	0.5635 - 0.683
Male	180	0.7492	0.6653 - 0.8331	0.659	0.5695 - 0.7494
<b>RACE</b>					
Black	37		Insuff Data		Insuff Data
Other	20		Insuff Data		Insuff Data
White	346	0.7143	0.6494 - 0.7792	0.701	0.5454 - 0.8555
<b>EDUCATION</b>					
< HS	64	0.7621	0.6433 - 0.8809	0.776	0.6525 - 0.8999
HS	168	0.6674	0.5686 - 0.7662	0.528	0.3805 - 0.6745
> HS	172	0.7593	0.678 - 0.8406	0.766	0.6441 - 0.888
<b>INCOME</b>					
<\$15,000	78	0.7589	0.6413 - 0.8765	0.563	0.4635 - 0.6626
\$15-24,999	109	0.6136	0.4966 - 0.7306	0.549	0.3903 - 0.7066
\$25-34,999	54	0.8875	0.8058 - 0.9692	0.888	0.7754 - 1
\$35-49,999	50	0.6697	0.5176 - 0.8218	0.757	0.6457 - 0.8692
\$50-74,999	45		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: ANNUAL COMPREHENSIVE FOOT EXAM**  
 Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	457	0.6993	0.644 - 0.7546	0.749	0.6696 - 0.8284
<b>REGION</b>					
Central	72	0.767	0.6627 - 0.8713	0.846	0.7801 - 0.9122
Kansas City	69	0.8129	0.7198 - 0.906	0.871	0.8003 - 0.9422
Northeast	72	0.6709	0.5564 - 0.7854	0.642	0.4907 - 0.7941
Northwest	43		Insuff Data		Insuff Data
Southeast	69	0.671	0.5414 - 0.8006	0.569	0.4641 - 0.6734
Southwest	63	0.6747	0.54 - 0.8094	0.645	0.3315 - 0.9587
St. Louis	69	0.5982	0.4483 - 0.7481	0.521	0.415 - 0.6278
<b>GENDER</b>					
Female	258	0.6823	0.6072 - 0.7574	0.702	0.5836 - 0.8203
Male	199	0.7191	0.6376 - 0.8006	0.759	0.6516 - 0.8664
<b>RACE</b>					
Black	44		Insuff Data		Insuff Data
Other	23		Insuff Data		Insuff Data
White	386	0.6705	0.6082 - 0.7328	0.704	0.6038 - 0.8049
<b>EDUCATION</b>					
< HS	80	0.7011	0.5827 - 0.8195	0.627	0.5485 - 0.7053
HS	189	0.6851	0.6002 - 0.77	0.706	0.5152 - 0.8958
> HS	184	0.7094	0.6185 - 0.8003	0.75	0.6353 - 0.8654
<b>INCOME</b>					
<\$15,000	100	0.708	0.5924 - 0.8236	0.789	0.7006 - 0.8778
\$15-24,999	117	0.7237	0.6202 - 0.8272	0.74	0.5942 - 0.8858
\$25-34,999	61	0.707	0.5569 - 0.8571	0.722	0.5549 - 0.8897
\$35-49,999	54	0.5829	0.4267 - 0.7391	0.592	0.3814 - 0.8035
\$50-74,999	46		Insuff Data		Insuff Data
\$75,000+	25		Insuff Data		Insuff Data

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: CHECK OWN FEET FOR SORES OR IRRITATIONS DAILY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	469	0.6249	0.5675 - 0.6823	0.612	0.4703 - 0.7533
<b>REGION</b>					
Central	74	0.675	0.5584 - 0.7916	0.664	0.5336 - 0.7951
Kansas City	71	0.623	0.4811 - 0.7649	0.7	0.5025 - 0.8969
Northeast	72	0.6419	0.5204 - 0.7634	0.633	0.4831 - 0.7834
Northwest	47		Insuff Data		Insuff Data
Southeast	69	0.5889	0.4548 - 0.723	0.479	0.3608 - 0.5964
Southwest	64	0.6717	0.5429 - 0.8005	0.593	0.2818 - 0.9047
St. Louis	72	0.5652	0.4178 - 0.7126	0.498	0.4038 - 0.5924
<b>GENDER</b>					
Female	268	0.6562	0.5817 - 0.7307	0.663	0.5381 - 0.7875
Male	201	0.5878	0.499 - 0.6766	0.511	0.3747 - 0.6471
<b>RACE</b>					
Black	45		Insuff Data		Insuff Data
Other	25		Insuff Data		Insuff Data
White	395	0.634	0.5721 - 0.6959	0.578	0.4468 - 0.7098
<b>EDUCATION</b>					
< HS	82	0.6091	0.4821 - 0.7361	0.488	0.3532 - 0.6229
HS	196	0.6178	0.5292 - 0.7064	0.617	0.3938 - 0.8395
> HS	187	0.6341	0.5404 - 0.7278	0.633	0.498 - 0.7681
<b>INCOME</b>					
<\$15,000	104	0.6715	0.5623 - 0.7807	0.759	0.6635 - 0.8537
\$15-24,999	121	0.643	0.533 - 0.753	0.521	0.365 - 0.6763
\$25-34,999	64	0.6065	0.4487 - 0.7643	0.542	0.3258 - 0.7574
\$35-49,999	54	0.6117	0.4533 - 0.7701	0.628	0.4248 - 0.8317
\$50-74,999	45		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: EVER HAD SORES OR IRRITATIONS ON FEET THAT TOOK MORE**  
**THAN 4 WEEKS TO HEAL**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	471	0.1259	0.0842 - 0.1676	0.196	0.0592 - 0.332
<b>REGION</b>					
Central	74	0.1003	0.0254 - 0.1752	0.172	0 - 0.396
Kansas City	71	0.1323	0.0186 - 0.246	0.164	0 - 0.3602
Northeast	74	0.0418	0 - 0.0883	0.07	0 - 0.1706
Northwest	47		Insuff Data		Insuff Data
Southeast	69	0.2706	0.1434 - 0.3978	0.327	0.0954 - 0.5584
Southwest	64	0.0889	0.0176 - 0.1602	0.07	0.0136 - 0.1261
St. Louis	72	0.1005	0 - 0.204	0.055	0.0032 - 0.1063
<b>GENDER</b>					
Female	268	0.1128	0.0575 - 0.1681	0.116	0.0326 - 0.1985
Male	203	0.1414	0.0779 - 0.2049	0.315	0.1885 - 0.4421
<b>RACE</b>					
Black	45		Insuff Data		Insuff Data
Other	25		Insuff Data		Insuff Data
White	396	0.1338	0.0854 - 0.1822	0.235	0.0886 - 0.3814
<b>EDUCATION</b>					
< HS	82	0.1449	0.0547 - 0.2351	0.317	0.2245 - 0.4087
HS	197	0.0976	0.0488 - 0.1464	0.203	0 - 0.418
> HS	188	0.1436	0.0642 - 0.223	0.16	0.0379 - 0.2825
<b>INCOME</b>					
<\$15,000	104	0.195	0.0952 - 0.2948	0.36	0.2763 - 0.4429
\$15-24,999	121	0.163	0.0746 - 0.2514	0.361	0.2217 - 0.5
\$25-34,999	64	0.0698	0.0036 - 0.136	0.097	0 - 0.2326
\$35-49,999	54	0.127	0.0196 - 0.2344	0.146	0 - 0.3046
\$50-74,999	46		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data



**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: ANNUAL DILATED EYE EXAM WITHIN THE PAST YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	468	0.658	0.6004 - 0.7156	0.639	0.56 - 0.7188
<b>REGION</b>					
Central	74	0.6872	0.5686 - 0.8058	0.667	0.5346 - 0.7988
Kansas City	71	0.5755	0.4277 - 0.7233	0.594	0.4817 - 0.7063
Northeast	72	0.6764	0.5496 - 0.8032	0.669	0.5219 - 0.8163
Northwest	46		Insuff Data		Insuff Data
Southeast	69	0.7315	0.6157 - 0.8473	0.69	0.462 - 0.9187
Southwest	64	0.6254	0.4853 - 0.7655	0.725	0.6238 - 0.8261
St. Louis	72	0.6716	0.5315 - 0.8117	0.549	0.425 - 0.6728
<b>GENDER</b>					
Female	268	0.708	0.6351 - 0.7809	0.702	0.5801 - 0.8235
Male	200	0.5986	0.5086 - 0.6886	0.518	0.3941 - 0.6411
<b>RACE</b>					
Black	45		Insuff Data		Insuff Data
Other	25		Insuff Data		Insuff Data
White	393	0.6691	0.6068 - 0.7314	0.653	0.5661 - 0.7389
<b>EDUCATION</b>					
< HS	80	0.6126	0.4856 - 0.7396	0.686	0.5548 - 0.8175
HS	196	0.6658	0.5794 - 0.7522	0.656	0.4576 - 0.8551
> HS	188	0.666	0.5696 - 0.7624	0.611	0.5074 - 0.714
<b>INCOME</b>					
<\$15,000	103	0.7253	0.6226 - 0.828	0.721	0.6275 - 0.8141
\$15-24,999	120	0.6566	0.5431 - 0.7701	0.606	0.4079 - 0.8034
\$25-34,999	63	0.572	0.4052 - 0.7388	0.497	0.3083 - 0.6854
\$35-49,999	54	0.5368	0.3761 - 0.6975	0.543	0.3316 - 0.7541
\$50-74,999	46		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: DILATED EYE EXAM OVER 1 YEAR AGO**  
 Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	468	0.3253	0.2677 - 0.3829	0.342	0.262 - 0.422
<b>REGION</b>					
Central	74	0.3065	0.1881 - 0.4249	0.33	0.198 - 0.4622
Kansas City	71	0.4245	0.2767 - 0.5723	0.406	0.2937 - 0.5183
Northeast	72	0.3064	0.18 - 0.4328	0.296	0.1549 - 0.436
Northwest	46		Insuff Data		Insuff Data
Southeast	69	0.2451	0.131 - 0.3592	0.293	0.0655 - 0.521
Southwest	64	0.3505	0.2104 - 0.4906	0.254	0.152 - 0.3566
St. Louis	72	0.3097	0.1703 - 0.4491	0.427	0.3114 - 0.5415
<b>GENDER</b>					
Female	268	0.2711	0.1988 - 0.3434	0.278	0.1577 - 0.3984
Male	200	0.3899	0.2997 - 0.4801	0.464	0.3364 - 0.5912
<b>RACE</b>					
Black	45		Insuff Data		Insuff Data
Other	25		Insuff Data		Insuff Data
White	393	0.3138	0.2515 - 0.3761	0.33	0.241 - 0.4182
<b>EDUCATION</b>					
< HS	80	0.3591	0.2333 - 0.4849	0.273	0.1541 - 0.3909
HS	196	0.3173	0.2313 - 0.4033	0.331	0.1331 - 0.5298
> HS	188	0.3218	0.2252 - 0.4184	0.376	0.2704 - 0.4809
<b>INCOME</b>					
<\$15,000	103	0.251	0.1503 - 0.3517	0.263	0.1715 - 0.3554
\$15-24,999	120	0.3392	0.2255 - 0.4529	0.384	0.1863 - 0.5814
\$25-34,999	63	0.4092	0.2406 - 0.5778	0.487	0.2964 - 0.6774
\$35-49,999	54	0.4398	0.2783 - 0.6013	0.393	0.213 - 0.5737
\$50-74,999	46		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**DIABETES: TOLD BY DOCTOR DIABETES HAD AFFECTED EYES OR HAVE**  
**RETINOPATHY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	470	0.2189	0.1674 - 0.2704	0.191	0.1098 - 0.2717
<b>REGION</b>					
Central	74	0.2656	0.1539 - 0.3773	0.268	0.1249 - 0.4111
Kansas City	70	0.2802	0.1403 - 0.4201	0.226	0.0371 - 0.4158
Northeast	74	0.1834	0.0805 - 0.2863	0.195	0.0709 - 0.3186
Northwest	47		Insuff Data		Insuff Data
Southeast	69	0.2717	0.1421 - 0.4013	0.242	0.1217 - 0.362
Southwest	64	0.1691	0.0727 - 0.2655	0.421	0.3537 - 0.4873
St. Louis	72	0.1612	0.0301 - 0.2923	0.108	0.0225 - 0.1938
<b>GENDER</b>					
Female	267	0.1931	0.1284 - 0.2578	0.14	0.0824 - 0.1969
Male	203	0.2491	0.1668 - 0.3314	0.237	0.1012 - 0.3724
<b>RACE</b>					
Black	44		Insuff Data		Insuff Data
Other	25		Insuff Data		Insuff Data
White	396	0.2223	0.1643 - 0.2803	0.202	0.0976 - 0.307
<b>EDUCATION</b>					
< HS	82	0.2483	0.134 - 0.3626	0.244	0.104 - 0.3839
HS	197	0.1913	0.1272 - 0.2554	0.148	0.0818 - 0.2143
> HS	187	0.233	0.1375 - 0.3285	0.209	0.0851 - 0.3329
<b>INCOME</b>					
<\$15,000	104	0.1921	0.0978 - 0.2864	0.136	0.0677 - 0.2037
\$15-24,999	120	0.2912	0.1899 - 0.3925	0.361	0.2025 - 0.52
\$25-34,999	64	0.1998	0.0818 - 0.3178	0.276	0.119 - 0.4322
\$35-49,999	54	0.184	0.0386 - 0.3294	0.122	0.0335 - 0.2099
\$50-74,999	46		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004					
DIABETES: EVER TAKEN A CLASS TO LEARN HOW TO MANAGE DIABETES					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	471	0.5563	0.4977 - 0.6149	0.601	0.4599 - 0.7421
REGION					
Central	74	0.5792	0.4559 - 0.7025	0.646	0.4948 - 0.7963
Kansas City	71	0.7368	0.6104 - 0.8632	0.769	0.5761 - 0.9618
Northeast	74	0.4456	0.3166 - 0.5746	0.461	0.3059 - 0.6168
Northwest	47		Insuff Data		Insuff Data
Southeast	69	0.5136	0.3797 - 0.6475	0.532	0.3037 - 0.7611
Southwest	64	0.6297	0.5011 - 0.7583	0.643	0.3336 - 0.9514
St. Louis	72	0.4115	0.2676 - 0.5554	0.395	0.2848 - 0.5047
GENDER					
Female	268	0.5783	0.4999 - 0.6567	0.684	0.559 - 0.8091
Male	203	0.5302	0.4418 - 0.6186	0.476	0.3377 - 0.6133
RACE					
Black	45		Insuff Data		Insuff Data
Other	25		Insuff Data		Insuff Data
White	396	0.5449	0.481 - 0.6088	0.623	0.4743 - 0.7714
EDUCATION					
< HS	82	0.3919	0.2651 - 0.5187	0.409	0.292 - 0.5264
HS	197	0.5764	0.4882 - 0.6646	0.676	0.5422 - 0.8099
> HS	188	0.5976	0.4998 - 0.6954	0.631	0.4976 - 0.7649
INCOME					
<\$15,000	104	0.4994	0.3816 - 0.6172	0.592	0.4833 - 0.7009
\$15-24,999	121	0.5947	0.4906 - 0.6988	0.579	0.446 - 0.7129
\$25-34,999	64	0.5935	0.4302 - 0.7568	0.545	0.3491 - 0.7404
\$35-49,999	54	0.6102	0.4569 - 0.7635	0.713	0.6001 - 0.8263
\$50-74,999	46		Insuff Data		Insuff Data
\$75,000+	26		Insuff Data		Insuff Data

## SECTION 22. SUMMARY OF OSTEOPOROSIS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Osteoporosis:*

All respondents were asked if during the past year, a doctor, nurse, or other health care professional counseled them about the risks of osteoporosis or told them they have osteoporosis. In addition, respondents were asked how many times they had fallen in the last 12 months and if they had suffered from a fracture or broken bone in the last 2 years. In these analyses the percentages for respondents age 50 and older were calculated.

### *Summary of Osteoporosis:*

In 2004, 12% of Missouri adults age 50 and older reported that they had been told by a doctor that they had osteoporosis and 37% reported being counseled about the risks of osteoporosis in the past 12 months. More women (19%, 57%) than men (3%, 13%) were diagnosed with and counseled about osteoporosis, respectively. Thirty-three percent of Missourians age 50 and older reported falling in the past 12 months and 7% reported suffering a fracture or broken bone in the past 2 years. A higher percentage of Whites (33%) and respondents of other races (44%) reported falling in the past 12 months as compared to blacks (21%).

### *Additional information about Osteoporosis/Osteopenia:*



Osteoporosis is often described as a pediatric disease that manifests itself in old age. However, osteoporosis is not, and should not, be considered part of the normal aging process. The word osteoporosis means porous bone; and is defined as a metabolic bone disease that is characterized by low bone mass and micro architectural deterioration of bone tissue leading to enhanced bone fragility and a consequent increase in fracture risk. What does this mean?

Simply, this definition means the thinning of bone to the point of fracture. Osteoporosis is also known as a silent disease, because symptoms are usually absent until a fracture occurs. Fractures usually present in the hip, spine or wrist, though any bone can be affected. [Risk factors](#) affect an individual's ability to develop and maintain peak bone mass.

The level of bone mass an individual has determines if they have healthy bones, osteopenia (low bone mass), or osteoporosis. Osteopenia is a precursor to osteoporosis. The doctor, based upon your test results, will determine if a patient has low bone mass or osteoporosis.

According to the National Osteoporosis Foundation, osteoporosis and low bone mass are currently estimated to be a major public health threat for almost 44 million U.S. women and men aged 50 and older, representing 55% of the people aged 50 and older in the United States. In Missouri, the Foundation projects the 2010 prevalence for osteoporosis at 61,300 men and 200,400 women age 50 and over.

What causes osteopenia and osteoporosis? Several factors contribute to the function and health of bone, including genetics, lifestyle, and other chronic diseases. What can you modify to reduce your risk of developing osteopenia, osteoporosis, and bone fractures? Lifestyle changes can greatly reduce an individual's risk for developing osteopenia, osteoporosis, and future fracture risk. Changes include:

- Consuming the recommended levels of calcium and vitamin D (Link)
- Participating in a regular, weight bearing, physical activity program several times a week. This includes dancing, walking, lifting weights, low-impact aerobics, etc.
- Consuming a balanced diet
- Eliminating smoking
- Limiting the intake of caffeinated, carbonated, or alcoholic beverages
- Talking to your physician about your risk of these diseases
- Staying on a treatment regimen if diagnosed
- Taking steps to prevent falls in your home, around your home, and in the workplace.

This information originated from the DHSS website at <http://www.dhss.mo.gov/Osteo/>

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**OSTEOPOROSIS: AGE 50+, COUNSELED ABOUT THE RISKS OF**  
**OSTEOPOROSIS IN THE PAST 12 MONTHS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2499	0.3725	0.3476 - 0.3974	0.365	0.3398 - 0.39
<b>REGION</b>					
Central	305	0.3672	0.3086 - 0.4258	0.364	0.3036 - 0.4243
Kansas City	463	0.3673	0.3189 - 0.4157	0.363	0.3137 - 0.4113
Northeast	332	0.3638	0.3074 - 0.4202	0.369	0.3078 - 0.4293
Northwest	324	0.3524	0.2916 - 0.4132	0.349	0.2861 - 0.4127
Southeast	327	0.3634	0.307 - 0.4198	0.355	0.296 - 0.4132
Southwest	314	0.4079	0.3489 - 0.4669	0.397	0.3366 - 0.4578
St. Louis	434	0.3674	0.3131 - 0.4217	0.358	0.3045 - 0.4123
<b>GENDER</b>					
Female	1554	0.5734	0.5411 - 0.6057	0.566	0.5319 - 0.5997
Male	945	0.1287	0.1015 - 0.1559	0.127	0.0996 - 0.1541
<b>RACE</b>					
Black	141	0.3564	0.2539 - 0.4589	0.35	0.2463 - 0.4537
Other	110	0.2735	0.173 - 0.374	0.275	0.1772 - 0.3732
White	2226	0.3806	0.3541 - 0.4071	0.373	0.3461 - 0.3998
<b>EDUCATION</b>					
< HS	381	0.3517	0.2864 - 0.417	0.309	0.2364 - 0.3806
HS	986	0.4062	0.366 - 0.4464	0.397	0.3563 - 0.4378
> HS	1124	0.3525	0.3164 - 0.3886	0.351	0.3156 - 0.3873
<b>INCOME</b>					
<\$15,000	375	0.4081	0.3434 - 0.4728	0.368	0.3002 - 0.4362
\$15-24,999	522	0.3924	0.3385 - 0.4463	0.373	0.3114 - 0.4349
\$25-34,999	372	0.4123	0.3455 - 0.4791	0.398	0.3279 - 0.4671
\$35-49,999	358	0.277	0.2198 - 0.3342	0.277	0.2196 - 0.3345
\$50-74,999	250	0.3948	0.3146 - 0.475	0.419	0.3385 - 0.4996
\$75,000+	250	0.315	0.2446 - 0.3854	0.3	0.2304 - 0.37

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004					
OSTEOPOROSIS: AGE 50+, EVER TOLD BY A DOCTOR HAVE OSTEOPOROSIS					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	2490	0.1186	0.1033 - 0.1339	0.109	0.095 - 0.1232
REGION					
Central	303	0.1073	0.0669 - 0.1477	0.094	0.0597 - 0.1279
Kansas City	463	0.12	0.0892 - 0.1508	0.114	0.0838 - 0.1433
Northeast	333	0.1406	0.1014 - 0.1798	0.126	0.09 - 0.1609
Northwest	321	0.1007	0.0621 - 0.1393	0.098	0.0564 - 0.1403
Southeast	326	0.1228	0.0871 - 0.1585	0.111	0.0772 - 0.1447
Southwest	312	0.1605	0.1174 - 0.2036	0.151	0.1084 - 0.1935
St. Louis	432	0.1005	0.0697 - 0.1313	0.093	0.0646 - 0.1203
GENDER					
Female	1542	0.1942	0.1695 - 0.2189	0.175	0.1523 - 0.1978
Male	948	0.0286	0.0149 - 0.0423	0.028	0.0143 - 0.0406
RACE					
Black	140	0.0801	0.0301 - 0.1301	0.078	0.0268 - 0.1283
Other	109	0.1056	0.0364 - 0.1748	0.106	0.0369 - 0.1749
White	2220	0.1231	0.1064 - 0.1398	0.112	0.0969 - 0.1271
EDUCATION					
< HS	377	0.1415	0.0968 - 0.1862	0.112	0.07 - 0.1543
HS	984	0.1505	0.1219 - 0.1791	0.14	0.1127 - 0.1668
> HS	1121	0.0887	0.0701 - 0.1073	0.088	0.0697 - 0.1054
INCOME					
<\$15,000	370	0.1658	0.118 - 0.2136	0.141	0.0999 - 0.1822
\$15-24,999	520	0.1726	0.1309 - 0.2143	0.139	0.0987 - 0.1794
\$25-34,999	373	0.1235	0.0843 - 0.1627	0.106	0.0732 - 0.1394
\$35-49,999	355	0.0735	0.0416 - 0.1054	0.076	0.0434 - 0.108
\$50-74,999	251	0.099	0.0502 - 0.1478	0.113	0.057 - 0.1683
\$75,000+	251	0.059	0.0294 - 0.0886	0.076	0.0348 - 0.1164



**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**OSTEOPOROSIS: AGE 50+, FALLEN IN THE PAST 12 MONTHS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2499	0.3298	0.3051 - 0.3545	0.331	0.3056 - 0.357
<b>REGION</b>					
Central	306	0.3496	0.2902 - 0.409	0.349	0.2882 - 0.409
Kansas City	464	0.2985	0.2513 - 0.3457	0.299	0.2504 - 0.3468
Northeast	335	0.3612	0.3034 - 0.419	0.375	0.312 - 0.4378
Northwest	322	0.3871	0.3256 - 0.4486	0.384	0.3205 - 0.4483
Southeast	324	0.3513	0.2921 - 0.4105	0.362	0.2992 - 0.4247
Southwest	313	0.3528	0.2948 - 0.4108	0.352	0.2926 - 0.4113
St. Louis	435	0.3113	0.2574 - 0.3652	0.313	0.2576 - 0.3682
<b>GENDER</b>					
Female	1553	0.335	0.3042 - 0.3658	0.338	0.3059 - 0.3702
Male	946	0.3234	0.2834 - 0.3634	0.324	0.2834 - 0.3646
<b>RACE</b>					
Black	140	0.2095	0.1352 - 0.2838	0.2	0.1309 - 0.2681
Other	109	0.437	0.3143 - 0.5597	0.435	0.3163 - 0.5534
White	2226	0.334	0.3075 - 0.3605	0.337	0.309 - 0.3643
<b>EDUCATION</b>					
< HS	376	0.3294	0.2681 - 0.3907	0.346	0.2685 - 0.423
HS	989	0.2896	0.2531 - 0.3261	0.296	0.2573 - 0.3338
> HS	1126	0.3614	0.3232 - 0.3996	0.361	0.3227 - 0.3995
<b>INCOME</b>					
<\$15,000	375	0.4613	0.3954 - 0.5272	0.495	0.4244 - 0.5659
\$15-24,999	518	0.2988	0.25 - 0.3476	0.291	0.237 - 0.3444
\$25-34,999	373	0.3628	0.2971 - 0.4285	0.375	0.3056 - 0.4444
\$35-49,999	358	0.2974	0.2384 - 0.3564	0.296	0.2369 - 0.3545
\$50-74,999	251	0.3593	0.268 - 0.4506	0.342	0.2598 - 0.4237
\$75,000+	252	0.3024	0.232 - 0.3728	0.363	0.2843 - 0.4407

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2004**  
**OSTEOPOROSIS: AGE 50+, SUFFERED FROM A FRACTURE OR BROKEN BONE**  
**IN THE LAST 2 YEARS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2499	0.073	0.0601 - 0.0859	0.073	0.0596 - 0.0859
<b>REGION</b>					
Central	306	0.0824	0.0428 - 0.122	0.078	0.0416 - 0.1152
Kansas City	463	0.0665	0.0428 - 0.0902	0.066	0.0421 - 0.0907
Northeast	333	0.0693	0.0375 - 0.1011	0.07	0.0337 - 0.1054
Northwest	323	0.0937	0.0508 - 0.1366	0.101	0.0518 - 0.1494
Southeast	327	0.0657	0.0396 - 0.0918	0.07	0.0409 - 0.0997
Southwest	313	0.0715	0.0413 - 0.1017	0.068	0.0389 - 0.0962
St. Louis	434	0.0742	0.0464 - 0.102	0.075	0.046 - 0.1029
<b>GENDER</b>					
Female	1550	0.0876	0.07 - 0.1052	0.085	0.0677 - 0.103
Male	949	0.0555	0.0365 - 0.0745	0.056	0.037 - 0.0758
<b>RACE</b>					
Black	139	0.0738	0.0277 - 0.1199	0.076	0.0279 - 0.1243
Other	110	0.111	0.0457 - 0.1763	0.11	0.0451 - 0.1753
White	2226	0.0717	0.0578 - 0.0856	0.071	0.0564 - 0.0847
<b>EDUCATION</b>					
< HS	377	0.0912	0.0498 - 0.1326	0.089	0.0473 - 0.1304
HS	990	0.0771	0.0561 - 0.0981	0.078	0.0563 - 0.0991
> HS	1124	0.065	0.0472 - 0.0828	0.065	0.0469 - 0.083
<b>INCOME</b>					
<\$15,000	375	0.1103	0.0672 - 0.1534	0.114	0.0714 - 0.1569
\$15-24,999	519	0.0863	0.0567 - 0.1159	0.09	0.0551 - 0.1253
\$25-34,999	372	0.0813	0.0495 - 0.1131	0.08	0.0477 - 0.1116
\$35-49,999	358	0.0455	0.0181 - 0.0729	0.046	0.0176 - 0.074
\$50-74,999	251	0.0676	0.019 - 0.1162	0.061	0.0193 - 0.102
\$75,000+	252	0.0644	0.0289 - 0.0999	0.065	0.0285 - 0.1011

## VI WOMEN'S HEALTH

### *ADDITIONAL WOMEN'S HEALTH INFORMATION:*

There are many health issues that affect Missouri's women, and some of them change as women age. For women over 44 years of age it's heart disease. See [Missouri Health Status Report for Women](#) for more information about the health status of girls and women in this state.

Chronic disease, such as heart disease and diabetes and cancers, are the leading cause of death and disability for women in Missouri, yet there are ways of reducing risk for developing these conditions. Eating recommended amounts of fruits and vegetables, being physically active on a regular basis, avoiding tobacco use and smoke, and drinking only moderately (if at all) can significantly reduce the risk of these chronic diseases. Seeing a health care provider regularly for screening exams is another important preventive step. [Caring for Your Health: A Missouri Women's Handbook](#) for more information on staying healthy.

WISEWOMAN is a CDC-funded program that helps underinsured, low-income women gain access to health screenings and lifestyle education that can reduce the risk of heart disease and stroke. To be eligible for WISEWOMAN services, women must be participants in the [Show Me Healthy Women breast and cervical cancer control project](#) and be 40-64 years of age.

[Annual WISEWOMAN screenings](#) measure [blood pressure, cholesterol, blood sugar, waist circumference, height and weight](#). Lifestyle behaviors addressed in education sessions include smoking, low physical activity, high saturated fat intake, and low fruit and vegetable consumption. "Choices for Healthy Living" is the Missouri WISEWOMAN education program for lifestyle behavior change. "Choices for Healthy Living" was adapted from [A New Leaf: Choices for Healthy Living developed by the University of North Carolina at Chapel Hill](#).

This information originated from the DHSS website at <http://www.dhss.mo.gov/WISEWOMAN/>

## SECTION 23. WOMEN'S HEALTH AND CLINICAL BREAST EXAMS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Women's Health and Clinical Breast Exams (CBE):*

All female respondents were asked if they ever had a clinical breast exam and how long it had been since their last breast exam. A clinical breast exam was defined as when a doctor, nurse, or other health professional feels the breast for lumps. This analysis also included percentages of women age 50 or older that had a CBE in the past year, 1 to 2 years, and 2 or more years ago.

### *Summary of Women's Health and Clinical Breast Exams (CBE):*

In 2004, 91% of women in Missouri reported ever having a CBE. Women with the highest level of education (96%) were more likely to have had a CBE than women with the lowest level of education (86%). Sixty-nine percent of all women and 58% of women over 50 who had ever had a CBE had one within the last year. Women of lower income levels were more likely to report not having a CBE for 2 years or more. See the tables below for more detailed information on Women's Health and Clinical Breast Exam reporting in Missouri by region, gender, race, education and income.

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN WHO EVER HAD A CLINICAL BREAST EXAM**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2935	0.9102	0.8943 - 0.9261	0.913	0.8974 - 0.9276
<b>REGION</b>					
Central	336	0.8724	0.8281 - 0.9167	0.877	0.8353 - 0.9177
Kansas City	584	0.9154	0.8858 - 0.945	0.915	0.8847 - 0.9455
Northeast	381	0.8889	0.8503 - 0.9275	0.899	0.8615 - 0.936
Northwest	360	0.9335	0.9068 - 0.9602	0.942	0.9182 - 0.9661
Southeast	362	0.8842	0.833 - 0.9354	0.889	0.8374 - 0.9413
Southwest	360	0.9364	0.9056 - 0.9672	0.937	0.9051 - 0.9698
St. Louis	552	0.9159	0.883 - 0.9488	0.915	0.8828 - 0.9474
<b>GENDER</b>					
Female	2935	0.9102	0.8943 - 0.9261	0.913	0.8974 - 0.9276
Male					
<b>RACE</b>					
Black	242	0.8929	0.827 - 0.9588	0.904	0.856 - 0.9517
Other	158	0.8238	0.7491 - 0.8985	0.82	0.747 - 0.8928
White	2517	0.9187	0.9024 - 0.935	0.922	0.9059 - 0.9372
<b>EDUCATION</b>					
< HS	353	0.807	0.737 - 0.877	0.841	0.7814 - 0.9002
HS	1074	0.8916	0.8655 - 0.9177	0.892	0.8648 - 0.9193
> HS	1500	0.9422	0.9234 - 0.961	0.939	0.9208 - 0.9577
<b>INCOME</b>					
<\$15,000	445	0.859	0.8155 - 0.9025	0.88	0.8393 - 0.9196
\$15-24,999	570	0.8767	0.8393 - 0.9141	0.885	0.8473 - 0.9229
\$25-34,999	397	0.9064	0.8599 - 0.9529	0.918	0.8799 - 0.9563
\$35-49,999	431	0.9458	0.9207 - 0.9709	0.934	0.9017 - 0.9656
\$50-74,999	384	0.944	0.9107 - 0.9773	0.937	0.8982 - 0.9762
\$75,000+	318	0.9565	0.924 - 0.989	0.951	0.916 - 0.9861

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN WHO HAD A CLINICAL BREAST EXAM IN THE PAST 1 YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2640	0.6894	0.6659 - 0.7129	0.695	0.6708 - 0.7186
<b>REGION</b>					
Central	291	0.6819	0.6219 - 0.7419	0.685	0.6236 - 0.7455
Kansas City	534	0.6864	0.6415 - 0.7313	0.685	0.6389 - 0.7306
Northeast	335	0.6469	0.5724 - 0.7214	0.647	0.5759 - 0.7178
Northwest	328	0.6843	0.6279 - 0.7407	0.682	0.6264 - 0.7365
Southeast	316	0.6572	0.5976 - 0.7168	0.675	0.6159 - 0.7347
Southwest	333	0.6337	0.5725 - 0.6949	0.633	0.5696 - 0.6958
St. Louis	503	0.7311	0.6837 - 0.7785	0.743	0.697 - 0.7879
<b>GENDER</b>					
Female	2640	0.6894	0.6659 - 0.7129	0.695	0.6708 - 0.7186
Male					
<b>RACE</b>					
Black	216	0.7391	0.6631 - 0.8151	0.748	0.6747 - 0.8205
Other	126	0.6439	0.5365 - 0.7513	0.66	0.5708 - 0.7484
White	2285	0.6876	0.6621 - 0.7131	0.694	0.6681 - 0.7202
<b>EDUCATION</b>					
< HS	274	0.5717	0.4892 - 0.6542	0.549	0.4527 - 0.646
HS	946	0.6639	0.6245 - 0.7033	0.679	0.6374 - 0.7197
> HS	1414	0.7236	0.6924 - 0.7548	0.721	0.6893 - 0.752
<b>INCOME</b>					
<\$15,000	374	0.6256	0.5607 - 0.6905	0.648	0.5825 - 0.7126
\$15-24,999	498	0.6352	0.5784 - 0.692	0.636	0.5789 - 0.6934
\$25-34,999	361	0.6468	0.5762 - 0.7174	0.636	0.5601 - 0.7125
\$35-49,999	401	0.7239	0.6678 - 0.78	0.722	0.6623 - 0.7815
\$50-74,999	369	0.7726	0.7211 - 0.8241	0.757	0.6933 - 0.8211
\$75,000+	307	0.7133	0.6459 - 0.7807	0.747	0.6798 - 0.8139

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (AGE 50 AND OVER) WHO HAD A CLINICAL BREAST EXAM IN THE**  
**PAST 1 YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1568	0.576	0.5437 - 0.6083	0.585	0.552 - 0.6187
<b>REGION</b>					
Central	177	0.535	0.4517 - 0.6183	0.546	0.4605 - 0.6314
Kansas City	293	0.5831	0.5192 - 0.647	0.594	0.5288 - 0.6586
Northeast	226	0.5726	0.5009 - 0.6443	0.595	0.5179 - 0.672
Northwest	191	0.5722	0.4956 - 0.6488	0.606	0.53 - 0.6813
Southeast	212	0.4882	0.4135 - 0.5629	0.493	0.4135 - 0.5734
Southwest	195	0.6083	0.5334 - 0.6832	0.614	0.5349 - 0.6936
St. Louis	274	0.6	0.5296 - 0.6704	0.606	0.5343 - 0.6774
<b>GENDER</b>					
Female	1568	0.576	0.5437 - 0.6083	0.585	0.552 - 0.6187
Male					
<b>RACE</b>					
Black	100	0.652	0.5307 - 0.7733	0.658	0.5308 - 0.786
Other	72	0.3852	0.2551 - 0.5153	0.378	0.249 - 0.5073
White	1384	0.5798	0.5453 - 0.6143	0.591	0.556 - 0.6266
<b>EDUCATION</b>					
< HS	245	0.4347	0.3504 - 0.519	0.384	0.2794 - 0.4891
HS	642	0.5667	0.5179 - 0.6155	0.573	0.5226 - 0.6237
> HS	676	0.627	0.5778 - 0.6762	0.629	0.5795 - 0.6779
<b>INCOME</b>					
<\$15,000	278	0.4733	0.3965 - 0.5501	0.494	0.4066 - 0.5818
\$15-24,999	343	0.4687	0.3995 - 0.5379	0.453	0.3707 - 0.5361
\$25-34,999	232	0.5781	0.4889 - 0.6673	0.571	0.4774 - 0.6644
\$35-49,999	185	0.5972	0.5072 - 0.6872	0.595	0.5035 - 0.6874
\$50-74,999	129	0.7194	0.622 - 0.8168	0.697	0.5874 - 0.807
\$75,000+	125	0.7279	0.6246 - 0.8312	0.776	0.6918 - 0.8604

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (AGE 50 AND OVER) WHO HAD A CLINICAL BREAST EXAM IN THE**  
**PAST 1-2 YEARS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1568	0.1379	0.1146 - 0.1612	0.146	0.1203 - 0.1708
<b>REGION</b>					
Central	177	0.1159	0.0606 - 0.1712	0.127	0.0653 - 0.188
Kansas City	293	0.1549	0.1051 - 0.2047	0.16	0.108 - 0.2123
Northeast	226	0.1018	0.0616 - 0.142	0.104	0.0595 - 0.1492
Northwest	191	0.131	0.0732 - 0.1888	0.13	0.0705 - 0.1901
Southeast	212	0.176	0.119 - 0.233	0.192	0.1285 - 0.2559
Southwest	195	0.0972	0.0523 - 0.1421	0.097	0.0492 - 0.1449
St. Louis	274	0.1478	0.0963 - 0.1993	0.156	0.1012 - 0.2117
<b>GENDER</b>					
Female	1568	0.1379	0.1146 - 0.1612	0.146	0.1203 - 0.1708
Male					
<b>RACE</b>					
Black	100	0.0954	0.0286 - 0.1622	0.095	0.0289 - 0.161
Other	72	0.2475	0.1264 - 0.3686	0.253	0.128 - 0.3777
White	1384	0.1359	0.1108 - 0.161	0.144	0.1167 - 0.1715
<b>EDUCATION</b>					
< HS	245	0.1029	0.058 - 0.1478	0.118	0.0429 - 0.1934
HS	642	0.1679	0.1295 - 0.2063	0.176	0.1354 - 0.2169
> HS	676	0.1233	0.0878 - 0.1588	0.125	0.0892 - 0.1601
<b>INCOME</b>					
<\$15,000	278	0.1223	0.0704 - 0.1742	0.138	0.0634 - 0.212
\$15-24,999	343	0.1508	0.1018 - 0.1998	0.159	0.0978 - 0.2193
\$25-34,999	232	0.106	0.0478 - 0.1642	0.122	0.0518 - 0.1921
\$35-49,999	185	0.1856	0.1103 - 0.2609	0.185	0.1067 - 0.2623
\$50-74,999	129	0.1523	0.0804 - 0.2242	0.14	0.0732 - 0.2076
\$75,000+	125	0.1707	0.0758 - 0.2656	0.126	0.0569 - 0.1941



**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (AGE 50 AND OVER) WHO HAD A CLINICAL BREAST EXAM 2+ YEARS**  
**AGO**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1568	0.1843	0.1592 - 0.2094	0.179	0.1529 - 0.2043
<b>REGION</b>					
Central	177	0.213	0.1481 - 0.2779	0.201	0.1373 - 0.2647
Kansas City	293	0.1719	0.1221 - 0.2217	0.167	0.1172 - 0.2171
Northeast	226	0.1983	0.1377 - 0.2589	0.199	0.1314 - 0.2674
Northwest	191	0.204	0.1448 - 0.2632	0.191	0.1338 - 0.2474
Southeast	212	0.2073	0.1452 - 0.2694	0.202	0.1349 - 0.2694
Southwest	195	0.2233	0.1576 - 0.289	0.216	0.1474 - 0.2846
St. Louis	274	0.1528	0.1003 - 0.2053	0.15	0.0968 - 0.203
<b>GENDER</b>					
Female	1568	0.1843	0.1592 - 0.2094	0.179	0.1529 - 0.2043
Male					
<b>RACE</b>					
Black	100	0.1508	0.0479 - 0.2537	0.152	0.0397 - 0.2651
Other	72	0.1635	0.0449 - 0.2821	0.164	0.042 - 0.2863
White	1384	0.189	0.1623 - 0.2157	0.182	0.1553 - 0.2086
<b>EDUCATION</b>					
< HS	245	0.2212	0.1546 - 0.2878	0.269	0.1693 - 0.368
HS	642	0.1667	0.1322 - 0.2012	0.162	0.1264 - 0.1974
> HS	676	0.1883	0.1475 - 0.2291	0.187	0.1462 - 0.227
<b>INCOME</b>					
<\$15,000	278	0.2248	0.1638 - 0.2858	0.217	0.1486 - 0.2858
\$15-24,999	343	0.2288	0.1682 - 0.2894	0.236	0.1599 - 0.3124
\$25-34,999	232	0.1998	0.1341 - 0.2655	0.212	0.1359 - 0.2876
\$35-49,999	185	0.1435	0.0802 - 0.2068	0.139	0.0789 - 0.1988
\$50-74,999	129	0.1092	0.0351 - 0.1833	0.133	0.0359 - 0.2303
\$75,000+	125	0.0825	0.0241 - 0.1409	0.079	0.0225 - 0.1346

## SECTION 24. WOMEN'S HEALTH AND MAMMOGRAMS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Women's Health and Mammograms:*

All female respondents were asked if they ever had a mammogram and how long it had been since their last mammogram. A mammogram was defined as an x-ray of each breast to look for breast cancer. This analysis also included percentages of women age 50 or older that had a mammogram in the past year, 1 to 2 years, and 2 or more years ago. Women were also asked if either of their two most recent mammograms were done to check a possible problem. It was explained that mammograms are usually done as part of a routine check-up but that sometimes mammograms are done to check a possible problem, which was defined as a lump or discomfort.

### *Summary of Women's Health and Mammograms:*

In 2004, 63% of women in Missouri reported ever having a mammogram. Fifty-eight percent of all women who had ever had a mammogram had one within the last year and 58% of all women age 50 or older. Twelve percent of women age 40 and older reported never having a mammogram. Nineteen percent of women age 50 and older reported having their last mammogram 2 or more years ago. See the tables below for more detailed information on Women's Health and Mammogram reporting in Missouri by region, gender, race, education and income.

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN WHO EVER HAD A MAMMOGRAM**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2942	0.6346	0.6095 - 0.6597	0.611	0.5913 - 0.6309
<b>REGION</b>					
Central	336	0.6287	0.5681 - 0.6893	0.617	0.5661 - 0.6684
Kansas City	588	0.6385	0.5919 - 0.6851	0.623	0.5871 - 0.6589
Northeast	383	0.6422	0.5779 - 0.7065	0.587	0.5269 - 0.6468
Northwest	360	0.6169	0.5567 - 0.6771	0.598	0.5453 - 0.6511
Southeast	360	0.638	0.5719 - 0.7041	0.598	0.5486 - 0.647
Southwest	361	0.6316	0.5695 - 0.6937	0.605	0.5566 - 0.6539
St. Louis	554	0.6357	0.5826 - 0.6888	0.611	0.5704 - 0.6524
<b>GENDER</b>					
Female	2942	0.6346	0.6095 - 0.6597	0.611	0.5913 - 0.6309
Male					
<b>RACE</b>					
Black	242	0.5883	0.5007 - 0.6759	0.614	0.5483 - 0.6788
Other	159	0.6364	0.5321 - 0.7407	0.657	0.5717 - 0.7426
White	2524	0.6398	0.6128 - 0.6668	0.608	0.5865 - 0.6292
<b>EDUCATION</b>					
< HS	355	0.6535	0.5724 - 0.7346	0.58	0.507 - 0.6521
HS	1075	0.6697	0.6293 - 0.7101	0.599	0.5643 - 0.6333
> HS	1504	0.6089	0.5742 - 0.6436	0.621	0.5949 - 0.6478
<b>INCOME</b>					
<\$15,000	446	0.6416	0.5799 - 0.7033	0.598	0.5481 - 0.6473
\$15-24,999	571	0.6586	0.6033 - 0.7139	0.623	0.5736 - 0.672
\$25-34,999	398	0.6634	0.5928 - 0.734	0.595	0.5399 - 0.6504
\$35-49,999	431	0.5322	0.4703 - 0.5941	0.558	0.5049 - 0.6103
\$50-74,999	384	0.5934	0.5277 - 0.6591	0.635	0.5927 - 0.6769
\$75,000+	318	0.6466	0.5751 - 0.7181	0.635	0.5771 - 0.6928

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN WHO HAD A MAMMOGRAM IN THE PAST 1 YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2049	0.578	0.5496 - 0.6064	0.554	0.511 - 0.5965
<b>REGION</b>					
Central	232	0.5016	0.4285 - 0.5747	0.434	0.3407 - 0.5281
Kansas City	409	0.5525	0.498 - 0.607	0.556	0.4846 - 0.6281
Northeast	263	0.5683	0.4846 - 0.652	0.503	0.3828 - 0.6239
Northwest	233	0.5923	0.5188 - 0.6658	0.539	0.4558 - 0.622
Southeast	264	0.5185	0.4507 - 0.5863	0.486	0.3635 - 0.6089
Southwest	256	0.5634	0.4944 - 0.6324	0.53	0.3916 - 0.6679
St. Louis	392	0.6377	0.5793 - 0.6961	0.644	0.5572 - 0.7312
<b>GENDER</b>					
Female	2049	0.578	0.5496 - 0.6064	0.554	0.511 - 0.5965
Male					
<b>RACE</b>					
Black	163	0.6236	0.5278 - 0.7194	0.587	0.4755 - 0.6974
Other	106	0.5993	0.4844 - 0.7142	0.597	0.4818 - 0.7119
White	1770	0.5712	0.5402 - 0.6022	0.541	0.4888 - 0.5931
<b>EDUCATION</b>					
< HS	261	0.5033	0.42 - 0.5866	0.502	0.373 - 0.6317
HS	781	0.5668	0.5205 - 0.6131	0.535	0.4661 - 0.603
> HS	1001	0.6001	0.5601 - 0.6401	0.583	0.5282 - 0.6376
<b>INCOME</b>					
<\$15,000	305	0.5733	0.5004 - 0.6462	0.621	0.5185 - 0.7227
\$15-24,999	404	0.4815	0.417 - 0.546	0.472	0.3871 - 0.5561
\$25-34,999	286	0.5515	0.4743 - 0.6287	0.462	0.3569 - 0.5667
\$35-49,999	268	0.5877	0.5107 - 0.6647	0.549	0.4618 - 0.6354
\$50-74,999	243	0.6462	0.5694 - 0.723	0.581	0.4912 - 0.6708
\$75,000+	235	0.618	0.5382 - 0.6978	0.606	0.524 - 0.6879

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (AGE 40 PLUS) WHO NEVER HAD A MAMMOGRAM**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2121	0.1202	0.1012 - 0.1392	0.145	0.1209 - 0.1695
<b>REGION</b>					
Central	239	0.1451	0.0955 - 0.1947	0.194	0.125 - 0.263
Kansas City	406	0.1121	0.0756 - 0.1486	0.132	0.087 - 0.1779
Northeast	288	0.1313	0.0864 - 0.1762	0.179	0.1137 - 0.2446
Northwest	256	0.1827	0.1325 - 0.2329	0.196	0.135 - 0.2577
Southeast	276	0.1329	0.0851 - 0.1807	0.163	0.0956 - 0.2312
Southwest	269	0.1408	0.0896 - 0.192	0.171	0.1084 - 0.2327
St. Louis	387	0.0961	0.0577 - 0.1345	0.114	0.0665 - 0.1614
<b>GENDER</b>					
Female	2121	0.1202	0.1012 - 0.1392	0.145	0.1209 - 0.1695
Male					
<b>RACE</b>					
Black	150	0.1173	0.0483 - 0.1863	0.139	0.0588 - 0.22
Other	103	0.1278	0.0567 - 0.1989	0.133	0.0555 - 0.2108
White	1854	0.1197	0.0991 - 0.1403	0.148	0.121 - 0.1747
<b>EDUCATION</b>					
< HS	295	0.1626	0.1099 - 0.2153	0.232	0.1465 - 0.3174
HS	828	0.1215	0.0897 - 0.1533	0.151	0.1071 - 0.195
> HS	992	0.1095	0.083 - 0.136	0.131	0.0985 - 0.1624
<b>INCOME</b>					
<\$15,000	344	0.162	0.1146 - 0.2094	0.177	0.1065 - 0.2476
\$15-24,999	425	0.1268	0.0847 - 0.1689	0.158	0.0975 - 0.2182
\$25-34,999	289	0.1035	0.0606 - 0.1464	0.197	0.1171 - 0.2766
\$35-49,999	276	0.1728	0.1038 - 0.2418	0.188	0.1104 - 0.2648
\$50-74,999	242	0.1252	0.0744 - 0.176	0.12	0.0727 - 0.1664
\$75,000+	2121	0.1202	0.1012 - 0.1392	0.145	0.1209 - 0.1695

WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004					
WOMEN (AGE 50 AND OVER) WHO HAD A MAMMOGRAM IN THE PAST 1 YEAR					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	1579	0.5578	0.5257 - 0.5899	0.5565	0.523 - 0.59
REGION					
Central	180	0.5455	0.4642 - 0.6268	0.5587	0.475 - 0.6424
Kansas City	293	0.5251	0.4612 - 0.589	0.5196	0.4543 - 0.5849
Northeast	225	0.5657	0.4936 - 0.6378	0.5785	0.4999 - 0.6571
Northwest	192	0.495	0.415 - 0.575	0.5035	0.4206 - 0.5864
Southeast	213	0.4812	0.4067 - 0.5557	0.4813	0.4017 - 0.5609
Southwest	198	0.5661	0.4912 - 0.641	0.575	0.4957 - 0.6544
St. Louis	278	0.606	0.5366 - 0.6754	0.5977	0.526 - 0.6695
GENDER					
Female	1579	0.5578	0.5257 - 0.5899	0.5565	0.523 - 0.59
Male					
RACE					
Black	100	0.6754	0.5572 - 0.7936	0.6689	0.5427 - 0.7951
Other	72	0.3925	0.2547 - 0.5303	0.3895	0.2464 - 0.5325
White	1397	0.5563	0.522 - 0.5906	0.5561	0.5204 - 0.5917
EDUCATION					
< HS	252	0.4502	0.364 - 0.5364	0.3969	0.2914 - 0.5023
HS	641	0.5696	0.5212 - 0.618	0.5638	0.5129 - 0.6148
> HS	680	0.5799	0.5303 - 0.6295	0.5799	0.5301 - 0.6296
INCOME					
<\$15,000	279	0.4736	0.3964 - 0.5508	0.4846	0.3978 - 0.5714
\$15-24,999	344	0.4473	0.3791 - 0.5155	0.4197	0.3383 - 0.501
\$25-34,999	236	0.5847	0.5004 - 0.669	0.5276	0.4419 - 0.6133
\$35-49,999	185	0.5941	0.5057 - 0.6825	0.5977	0.5085 - 0.6869
\$50-74,999	129	0.6696	0.5634 - 0.7758	0.6614	0.545 - 0.7778
\$75,000+	125	0.6621	0.5545 - 0.7697	0.6808	0.5728 - 0.7887

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (AGE 50 AND OVER) WHO HAD A MAMMOGRAM IN THE PAST 1-2**  
**YEARS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1579	0.1736	0.1477 - 0.1995	0.1795	0.1519 - 0.2071
<b>REGION</b>					
Central	180	0.13	0.0737 - 0.1863	0.131	0.071 - 0.1909
Kansas City	293	0.1655	0.1163 - 0.2147	0.1705	0.1187 - 0.2222
Northeast	225	0.1207	0.0762 - 0.1652	0.1218	0.0732 - 0.1704
Northwest	192	0.1839	0.1204 - 0.2474	0.1842	0.1168 - 0.2516
Southeast	213	0.1863	0.1269 - 0.2457	0.2052	0.1385 - 0.2718
Southwest	198	0.1278	0.0782 - 0.1774	0.124	0.0724 - 0.1755
St. Louis	278	0.2145	0.1553 - 0.2737	0.2221	0.1597 - 0.2844
<b>GENDER</b>					
Female	1579	0.1736	0.1477 - 0.1995	0.1795	0.1519 - 0.2071
Male					
<b>RACE</b>					
Black	100	0.1325	0.0592 - 0.2058	0.1344	0.0595 - 0.2092
Other	72	0.1991	0.0938 - 0.3044	0.2012	0.0926 - 0.3098
White	1397	0.1763	0.1481 - 0.2045	0.1829	0.1525 - 0.2132
<b>EDUCATION</b>					
< HS	252	0.1596	0.1006 - 0.2186	0.16	0.0786 - 0.2413
HS	641	0.1852	0.1462 - 0.2242	0.1928	0.1509 - 0.2348
> HS	680	0.1692	0.128 - 0.2104	0.1702	0.1288 - 0.2116
<b>INCOME</b>					
<\$15,000	279	0.1459	0.0906 - 0.2012	0.1431	0.07 - 0.2162
\$15-24,999	344	0.1906	0.132 - 0.2492	0.1968	0.1295 - 0.264
\$25-34,999	236	0.1806	0.1132 - 0.248	0.2061	0.1271 - 0.285
\$35-49,999	185	0.125	0.0699 - 0.1801	0.1213	0.0674 - 0.1752
\$50-74,999	129	0.1944	0.0982 - 0.2906	0.1955	0.083 - 0.308
\$75,000+	125	0.1905	0.0915 - 0.2895	0.1663	0.0759 - 0.2566

<b>WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004</b> <b>WOMEN (AGE 50 AND OVER) WHO HAD A MAMMOGRAM 2 + YEARS AGO</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1579	0.1912	0.1671 - 0.2153	0.1917	0.166 - 0.2174
<b>REGION</b>					
Central	180	0.2421	0.1727 - 0.3115	0.2279	0.1589 - 0.2969
Kansas City	293	0.224	0.1701 - 0.2779	0.2264	0.1707 - 0.282
Northeast	225	0.2271	0.1646 - 0.2896	0.2074	0.1418 - 0.2731
Northwest	192	0.1611	0.1074 - 0.2148	0.1597	0.1031 - 0.2164
Southeast	213	0.2245	0.1624 - 0.2866	0.2297	0.1609 - 0.2985
Southwest	198	0.237	0.1723 - 0.3017	0.2335	0.1661 - 0.3009
St. Louis	278	0.1255	0.08 - 0.171	0.1314	0.0822 - 0.1806
<b>GENDER</b>					
Female	1579	0.1912	0.1671 - 0.2153	0.1917	0.166 - 0.2174
Male					
<b>RACE</b>					
Black	100	0.1433	0.0439 - 0.2427	0.1579	0.0477 - 0.268
Other	72	0.2808	0.1548 - 0.4068	0.2845	0.1542 - 0.4149
White	1397	0.1909	0.1656 - 0.2162	0.189	0.1624 - 0.2157
<b>EDUCATION</b>					
< HS	252	0.2494	0.1835 - 0.3153	0.2566	0.1629 - 0.3503
HS	641	0.1785	0.1426 - 0.2144	0.1827	0.1443 - 0.2211
> HS	680	0.1844	0.1472 - 0.2216	0.1843	0.1469 - 0.2218
<b>INCOME</b>					
<\$15,000	279	0.233	0.172 - 0.294	0.2584	0.1835 - 0.3333
\$15-24,999	344	0.2721	0.2088 - 0.3354	0.288	0.208 - 0.368
\$25-34,999	236	0.1871	0.1244 - 0.2498	0.2126	0.1383 - 0.2869
\$35-49,999	185	0.1837	0.1145 - 0.2529	0.1817	0.1142 - 0.2491
\$50-74,999	129	0.1113	0.0468 - 0.1758	0.1203	0.0505 - 0.19
\$75,000+	125	0.1195	0.0544 - 0.1846	0.1146	0.0466 - 0.1826



## SECTION 25. WOMEN'S HEALTH AND CLINICAL BREAST EXAMS OR MAMMOGRAMS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Women's Health and Clinical Breast Exams (CBE) or Mammograms:*

All respondents were asked if they had ever had a CBE or mammogram, at what age, and how long since their last exam. This analysis included percentages of all women who had either a CBE or a mammogram in the past 2 years and percentages of women ages 40-49, ages 50-64, and ages 65 or older who had either a CBE or a mammogram in the past year.

### *Summary of Women's Health and Clinical Breast Exams (CBE) and Mammograms:*

In 2004, 95% of women in Missouri reported ever having either a CBE or a mammogram and 82% within the past 2 years. Eighty percent of women between the ages of 40 and 59 reported having either a CBE or a mammogram in the past year, 73% of women between the ages of 50 and 64, and 78% of women age 65 or older. See the tables below for more detailed information on Women's Health and Clinical Breast Exam and Mammogram reporting in Missouri by region, gender, race, education and income.

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (ALL AGES) WHO EVER HAD EITHER A CLINICAL BREAST EXAM OR A**  
**MAMMOGRAM**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2943	0.951	0.937 - 0.964	0.9499	0.9372 - 0.9626
<b>REGION</b>					
Central	336	0.928	0.8936 - 0.963	0.9292	0.897 - 0.9613
Kansas City	588	0.959	0.9346 - 0.9828	0.9564	0.9315 - 0.9813
Northeast	382	0.943	0.9114 - 0.9752	0.9418	0.9092 - 0.9743
Northwest	361	0.953	0.929 - 0.976	0.9588	0.9384 - 0.9792
Southeast	362	0.92	0.8693 - 0.9697	0.9198	0.8696 - 0.97
Southwest	360	0.974	0.9537 - 0.9937	0.9754	0.9565 - 0.9942
St. Louis	554	0.953	0.9239 - 0.9815	0.9498	0.9212 - 0.9784
<b>GENDER</b>					
Female	2943	0.951	0.937 - 0.964	0.9499	0.9372 - 0.9626
Male					
<b>RACE</b>					
Black	242	0.925	0.8613 - 0.9895	0.9392	0.8964 - 0.9819
Other	159	0.937	0.8981 - 0.9761	0.9317	0.888 - 0.9754
White	2524	0.955	0.9406 - 0.9684	0.9529	0.9391 - 0.9666
<b>EDUCATION</b>					
< HS	355	0.912	0.8547 - 0.9687	0.9135	0.8615 - 0.9654
HS	1076	0.947	0.9264 - 0.9668	0.9412	0.9196 - 0.9627
> HS	1504	0.961	0.9433 - 0.9785	0.9603	0.9434 - 0.9771
<b>INCOME</b>					
<\$15,000	446	0.919	0.8869 - 0.9515	0.9249	0.8914 - 0.9584
\$15-24,999	571	0.943	0.912 - 0.9736	0.9432	0.914 - 0.9724
\$25-34,999	397	0.964	0.9355 - 0.9923	0.9616	0.932 - 0.9912
\$35-49,999	431	0.966	0.9439 - 0.9871	0.9593	0.9307 - 0.988
\$50-74,999	384	0.964	0.9379 - 0.9893	0.9603	0.9304 - 0.9903
\$75,000+	318	0.965	0.9332 - 0.996	0.9573	0.923 - 0.9916

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (ALL AGES) WHO HAD EITHER A CLINICAL BREAST EXAM OR A**  
**MAMMOGRAM IN THE LAST 2 YEARS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2919	0.821	0.8008 - 0.8404	0.8237	0.8037 - 0.8437
<b>REGION</b>					
Central	334	0.769	0.7168 - 0.8218	0.7724	0.7208 - 0.8239
Kansas City	580	0.818	0.7797 - 0.8569	0.8164	0.7772 - 0.8556
Northeast	380	0.796	0.7462 - 0.845	0.7978	0.7473 - 0.8484
Northwest	356	0.82	0.7774 - 0.8632	0.8258	0.7825 - 0.8691
Southeast	358	0.787	0.7305 - 0.8441	0.7996	0.741 - 0.8582
Southwest	358	0.812	0.7641 - 0.8597	0.8169	0.7689 - 0.8649
St. Louis	553	0.854	0.8134 - 0.8946	0.856	0.8146 - 0.8973
<b>GENDER</b>					
Female	2919	0.821	0.8008 - 0.8404	0.8237	0.8037 - 0.8437
Male					
<b>RACE</b>					
Black	241	0.835	0.7588 - 0.9106	0.8465	0.7842 - 0.9088
Other	158	0.808	0.7367 - 0.8783	0.7994	0.7277 - 0.8711
White	2505	0.82	0.7988 - 0.8416	0.8237	0.8019 - 0.8454
<b>EDUCATION</b>					
< HS	347	0.695	0.6183 - 0.7719	0.6729	0.5824 - 0.7635
HS	1067	0.801	0.7683 - 0.8329	0.8028	0.7686 - 0.8369
> HS	1498	0.857	0.8318 - 0.8828	0.853	0.8276 - 0.8785
<b>INCOME</b>					
<\$15,000	442	0.739	0.6862 - 0.7916	0.7585	0.7038 - 0.8132
\$15-24,999	568	0.745	0.6932 - 0.7966	0.7364	0.6817 - 0.7911
\$25-34,999	397	0.809	0.7507 - 0.8667	0.8039	0.7424 - 0.8655
\$35-49,999	430	0.85	0.8072 - 0.8926	0.8427	0.7972 - 0.8882
\$50-74,999	384	0.902	0.8661 - 0.9375	0.8956	0.854 - 0.9371
\$75,000+	318	0.91	0.8677 - 0.9527	0.9139	0.8723 - 0.9554

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004  
WOMEN (AGE 40-49) WHO HAD EITHER A CLINICAL BREAST EXAM OR A  
MAMMOGRAM IN THE PAST 1 YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	437	0.797	0.7489 - 0.8457	0.7885	0.7377 - 0.8392
<b>REGION</b>					
Central	44		Insuff Data		Insuff Data
Kansas City	94	0.734	0.6343 - 0.8327	0.736	0.637 - 0.8349
Northeast	50	0.804	0.689 - 0.9184	0.8065	0.6926 - 0.9203
Northwest	47		Insuff Data		Insuff Data
Southeast	50	0.846	0.7329 - 0.9591	0.8378	0.7206 - 0.955
Southwest	55	0.735	0.5937 - 0.8755	0.7336	0.5872 - 0.88
St. Louis	97	0.861	0.7766 - 0.9452	0.8424	0.7497 - 0.9351
<b>GENDER</b>					
Female	437	0.797	0.7489 - 0.8457	0.7885	0.7377 - 0.8392
Male					
<b>RACE</b>					
Black	43		Insuff Data		Insuff Data
Other	25		Insuff Data		Insuff Data
White	368	0.793	0.7388 - 0.8478	0.7816	0.7244 - 0.8389
<b>EDUCATION</b>					
< HS	29		Insuff Data		Insuff Data
HS	142	0.753	0.6612 - 0.845	0.7428	0.6471 - 0.8384
> HS	266	0.835	0.7761 - 0.8929	0.8284	0.7671 - 0.8897
<b>INCOME</b>					
<\$15,000	46		Insuff Data		Insuff Data
\$15-24,999	62	0.678	0.5145 - 0.8423	0.6505	0.4925 - 0.8085
\$25-34,999	41		Insuff Data		Insuff Data
\$35-49,999	76	0.876	0.7966 - 0.9562	0.8727	0.7898 - 0.9556
\$50-74,999	99	0.887	0.8147 - 0.9593	0.8862	0.8148 - 0.9575
\$75,000+	89	0.775	0.6628 - 0.8874	0.7617	0.6466 - 0.8767

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (AGE 50-64) WHO HAD EITHER A CLINICAL BREAST EXAM OR A**  
**MAMMOGRAM IN THE PAST 1 YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	683	0.727	0.682 - 0.7718	0.7269	0.682 - 0.7717
<b>REGION</b>					
Central	74	0.774	0.6721 - 0.8759	0.774	0.6721 - 0.8759
Kansas City	139	0.711	0.6229 - 0.7993	0.7111	0.6229 - 0.7993
Northeast	92	0.759	0.6531 - 0.8643	0.7587	0.6531 - 0.8644
Northwest	85	0.79	0.692 - 0.8884	0.7902	0.692 - 0.8884
Southeast	82	0.619	0.5041 - 0.7345	0.6193	0.504 - 0.7345
Southwest	79	0.812	0.7166 - 0.9064	0.8115	0.7166 - 0.9063
St. Louis	132	0.709	0.6133 - 0.8049	0.7091	0.6133 - 0.8049
<b>GENDER</b>					
Female	683	0.727	0.682 - 0.7718	0.7269	0.682 - 0.7717
Male					
<b>RACE</b>					
Black	47		Insuff Data		Insuff Data
Other	27		Insuff Data		Insuff Data
White	606	0.73	0.6822 - 0.7774	0.7298	0.6821 - 0.7774
<b>EDUCATION</b>					
< HS	40		Insuff Data		Insuff Data
HS	277	0.708	0.6413 - 0.7749	0.7081	0.6413 - 0.775
> HS	364	0.754	0.6908 - 0.8174	0.7541	0.6908 - 0.8174
<b>INCOME</b>					
<\$15,000	87	0.729	0.5958 - 0.862	0.7289	0.5958 - 0.862
\$15-24,999	91	0.568	0.4279 - 0.7077	0.5678	0.4279 - 0.7078
\$25-34,999	95	0.628	0.4907 - 0.7643	0.6275	0.4907 - 0.7643
\$35-49,999	122	0.722	0.6209 - 0.8227	0.7218	0.6209 - 0.8227
\$50-74,999	95	0.828	0.7414 - 0.9154	0.8284	0.7414 - 0.9154
\$75,000+	104	0.779	0.6681 - 0.8903	0.7792	0.668 - 0.8903

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (AGE 65+) WHO HAD EITHER A CLINICAL BREAST EXAM OR A**  
**MAMMOGRAM IN THE PAST 1 YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	689	0.776	0.7371 - 0.8143	0.7757	0.7371 - 0.8143
<b>REGION</b>					
Central	79	0.712	0.5976 - 0.8266	0.7121	0.5976 - 0.8266
Kansas City	122	0.809	0.733 - 0.8858	0.8094	0.733 - 0.8858
Northeast	106	0.721	0.63 - 0.8122	0.7211	0.63 - 0.8123
Northwest	70	0.723	0.6072 - 0.8388	0.723	0.6071 - 0.8388
Southeast	95	0.728	0.6306 - 0.8246	0.7276	0.6306 - 0.8246
Southwest	99	0.719	0.619 - 0.8194	0.7192	0.619 - 0.8193
St. Louis	118	0.836	0.7607 - 0.9113	0.836	0.7607 - 0.9113
<b>GENDER</b>					
Female	689	0.776	0.7371 - 0.8143	0.7757	0.7371 - 0.8143
Male					
<b>RACE</b>					
Black	45		Insuff Data		Insuff Data
Other	26		Insuff Data		Insuff Data
White	614	0.766	0.7247 - 0.8081	0.7664	0.7247 - 0.8082
<b>EDUCATION</b>					
< HS	145	0.758	0.6708 - 0.8452	0.758	0.6708 - 0.8452
HS	288	0.788	0.7298 - 0.8466	0.7882	0.7298 - 0.8466
> HS	252	0.771	0.7068 - 0.8358	0.7713	0.7068 - 0.8358
<b>INCOME</b>					
<\$15,000	133	0.728	0.6377 - 0.8181	0.7279	0.6378 - 0.8181
\$15-24,999	197	0.73	0.6499 - 0.8107	0.7303	0.65 - 0.8107
\$25-34,999	113	0.858	0.7869 - 0.9291	0.858	0.7869 - 0.9292
\$35-49,999	46		Insuff Data		Insuff Data
\$50-74,999	28		Insuff Data		Insuff Data
\$75,000+	19		Insuff Data		Insuff Data

## SECTION 26. WOMEN'S HEALTH AND PAP SMEARS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Women's Health and Pap Smears:*

All female respondents were asked if they ever had a pap smear and how long it had been since their last pap smear. A Pap smear was defined as a test for cancer of the cervix.

This analysis included percentages of women ages 18-69 and ages 70 or older that never had a pap smear. This analysis also included percentages of women ages 18-29 who had not had Pap smear in the last year and women ages 30-69 or older who had not had a pap smear within the past 3 years.

### *Summary of Women's Health and Pap Smears:*

In 2004, 95% of women in Missouri reported ever having a pap smear and 85% reported having a pap smear within the past 3 years. Women of higher education and income levels were more likely to report having had a pap smear in the past 3 years. Four percent of women between the ages of 18 and 69 reported never having a pap smear and 10% of women age 70 and older. Twenty-four percent of women between the ages of 18 and 29 reported not having a pap smear in the past year and 13% of women between the ages of 30 and 69 reported not having a pap smear within the last 3 years. See the tables below for more detailed information on Women's Health and Pap Smear reporting in Missouri by region, gender, race, education and income.

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (ALL AGES) WHO HAVE EVER HAD A PAP SMEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2120	0.951	0.9359 - 0.9661	0.9531	0.94 - 0.9663
<b>REGION</b>					
Central	242	0.962	0.9317 - 0.9925	0.9663	0.9418 - 0.9908
Kansas City	442	0.956	0.9259 - 0.9859	0.9563	0.9293 - 0.9834
Northeast	262	0.923	0.8761 - 0.9691	0.9285	0.8865 - 0.9704
Northwest	266	0.94	0.9033 - 0.9769	0.9462	0.9162 - 0.9761
Southeast	242	0.928	0.8643 - 0.9917	0.9359	0.8879 - 0.9839
Southwest	240	0.969	0.9449 - 0.9939	0.9726	0.9532 - 0.992
St. Louis	426	0.948	0.9181 - 0.9785	0.9479	0.9191 - 0.9767
<b>GENDER</b>					
Female	2120	0.951	0.9359 - 0.9661	0.9531	0.94 - 0.9663
Male					
<b>RACE</b>					
Black	175	0.937	0.8642 - 1	0.9509	0.9072 - 0.9946
Other	121	0.898	0.8358 - 0.96	0.8919	0.8279 - 0.956
White	1816	0.957	0.9415 - 0.9717	0.9583	0.9448 - 0.9718
<b>EDUCATION</b>					
< HS	218	0.866	0.7731 - 0.9581	0.8797	0.7998 - 0.9597
HS	726	0.948	0.9238 - 0.9716	0.9504	0.9289 - 0.972
> HS	1170	0.968	0.953 - 0.9824	0.967	0.9517 - 0.9823
<b>INCOME</b>					
<\$15,000	272	0.913	0.8701 - 0.9551	0.9266	0.8931 - 0.9601
\$15-24,999	389	0.936	0.8954 - 0.9774	0.9416	0.9066 - 0.9767
\$25-34,999	290	0.944	0.8919 - 0.9969	0.9525	0.9102 - 0.9949
\$35-49,999	337	0.973	0.9504 - 0.9954	0.9605	0.9162 - 1
\$50-74,999	305	0.971	0.9432 - 0.9984	0.9674	0.9378 - 0.997
\$75,000+	255	0.975	0.9435 - 1	0.9703	0.9383 - 1



WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004					
WOMEN (ALL AGES) WHO HAD A PAP SMEAR WITHIN THE LAST 3 YEARS					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	2105	0.847	0.8266 - 0.8678	0.8396	0.8196 - 0.8596
REGION					
Central	241	0.849	0.8012 - 0.8976	0.8376	0.7892 - 0.8861
Kansas City	441	0.841	0.8004 - 0.8824	0.8312	0.7903 - 0.8722
Northeast	259	0.793	0.7325 - 0.8537	0.796	0.7413 - 0.8507
Northwest	265	0.786	0.7295 - 0.8417	0.7758	0.7213 - 0.8303
Southeast	240	0.818	0.7478 - 0.8882	0.8226	0.7619 - 0.8834
Southwest	238	0.82	0.7659 - 0.8745	0.8089	0.754 - 0.8638
St. Louis	421	0.88	0.8408 - 0.9192	0.8707	0.8309 - 0.9105
GENDER					
Female	2105	0.847	0.8266 - 0.8678	0.8396	0.8196 - 0.8596
Male					
RACE					
Black	173	0.905	0.8302 - 0.9804	0.9057	0.8499 - 0.9616
Other	121	0.815	0.7369 - 0.8921	0.7682	0.6882 - 0.8482
White	1804	0.842	0.8201 - 0.8647	0.837	0.8152 - 0.8588
EDUCATION					
< HS	214	0.691	0.594 - 0.7884	0.705	0.6054 - 0.8045
HS	721	0.823	0.7873 - 0.8595	0.8281	0.7936 - 0.8626
> HS	1165	0.887	0.8639 - 0.9097	0.8617	0.8358 - 0.8876
INCOME					
<\$15,000	269	0.753	0.6914 - 0.8144	0.7653	0.7081 - 0.8225
\$15-24,999	388	0.789	0.7343 - 0.8429	0.785	0.7303 - 0.8397
\$25-34,999	289	0.824	0.7596 - 0.8882	0.8271	0.7657 - 0.8884
\$35-49,999	337	0.87	0.825 - 0.9156	0.8343	0.7786 - 0.89
\$50-74,999	305	0.936	0.9024 - 0.9698	0.9175	0.8742 - 0.9608
\$75,000+	255	0.908	0.8603 - 0.9551	0.8843	0.8118 - 0.9568

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN AGE 50+, HAD A PAP SMEAR WITHIN THE LAST 3 YEARS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	904	0.758	0.7225 - 0.7927	0.7757	0.7432 - 0.8082
<b>REGION</b>					
Central	104	0.76	0.6724 - 0.848	0.7675	0.6802 - 0.8547
Kansas City	179	0.742	0.6733 - 0.8113	0.7606	0.6928 - 0.8285
Northeast	124	0.655	0.5576 - 0.7528	0.6928	0.5901 - 0.7955
Northwest	115	0.658	0.5668 - 0.7498	0.6828	0.5977 - 0.7678
Southeast	117	0.722	0.6285 - 0.8155	0.7485	0.6625 - 0.8346
Southwest	96	0.735	0.6442 - 0.8256	0.7701	0.688 - 0.8523
St. Louis	169	0.808	0.7373 - 0.8781	0.8176	0.7527 - 0.8825
<b>GENDER</b>					
Female	904	0.758	0.7225 - 0.7927	0.7757	0.7432 - 0.8082
Male					
<b>RACE</b>					
Black	48		Insuff Data		Insuff Data
Other	43		Insuff Data		Insuff Data
White	808	0.759	0.7211 - 0.7963	0.7775	0.7428 - 0.8122
<b>EDUCATION</b>					
< HS	128	0.631	0.5233 - 0.7381	0.6542	0.519 - 0.7895
HS	350	0.761	0.7085 - 0.8131	0.7857	0.7385 - 0.833
> HS	423	0.79	0.737 - 0.8432	0.7843	0.7335 - 0.835
<b>INCOME</b>					
<\$15,000	134	0.558	0.4486 - 0.6682	0.597	0.4855 - 0.7085
\$15-24,999	186	0.68	0.5991 - 0.7607	0.7014	0.6128 - 0.79
\$25-34,999	142	0.793	0.717 - 0.8684	0.8041	0.7275 - 0.8808
\$35-49,999	109	0.778	0.6676 - 0.8886	0.7585	0.6487 - 0.8683
\$50-74,999	80	0.949	0.9117 - 0.9857	0.9251	0.8622 - 0.988
\$75,000+	84	0.871	0.7781 - 0.9631	0.8379	0.6977 - 0.978

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (AGES 18-69) NEVER HAD A PAP SMEAR**  
 Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1747	0.043	0.0262 - 0.0588	0.0377	0.0242 - 0.0512
<b>REGION</b>					
Central	206	0.038	0.0049 - 0.0711	0.029	0.0055 - 0.0526
Kansas City	369	0.037	0.0036 - 0.0694	0.0329	0.0064 - 0.0593
Northeast	205	0.07	0.0172 - 0.1218	0.0647	0.0181 - 0.1114
Northwest	221	0.051	0.0111 - 0.0915	0.0602	0.0012 - 0.1192
Southeast	187	0.056	0 - 0.1275	0.0401	0 - 0.0834
Southwest	193	0.025	0 - 0.0517	0.0178	0.0009 - 0.0346
St. Louis	366	0.046	0.0139 - 0.0785	0.0461	0.0141 - 0.078
<b>GENDER</b>					
Female	1747	0.043	0.0262 - 0.0588	0.0377	0.0242 - 0.0512
Male					
<b>RACE</b>					
Black	156	0.056	0 - 0.1336	0.0311	0 - 0.0661
Other	102	0.096	0.0311 - 0.1617	0.0811	0.026 - 0.1362
White	1485	0.037	0.0204 - 0.053	0.0343	0.0198 - 0.0488
<b>EDUCATION</b>					
< HS	126	0.142	0.0134 - 0.2714	0.1154	0.0334 - 0.1973
HS	571	0.042	0.016 - 0.0686	0.0338	0.0142 - 0.0534
> HS	1048	0.03	0.0147 - 0.0445	0.0294	0.0134 - 0.0455
<b>INCOME</b>					
<\$15,000	202	0.065	0.0232 - 0.107	0.058	0.0253 - 0.0908
\$15-24,999	290	0.066	0.0177 - 0.1145	0.0656	0.0221 - 0.1091
\$25-34,999	226	0.051	0 - 0.114	0.0367	0 - 0.078
\$35-49,999	321	0.019	0.0039 - 0.0337	0.0151	0.0028 - 0.0275
\$50-74,999	292	0.03	0.0012 - 0.058	0.0295	0.0007 - 0.0583
\$75,000+	247	0.025	0 - 0.0564	0.0233	0 - 0.0525

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (AGES 70+) NEVER HAD A PAP SMEAR**  
 Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	361	0.1002	0.0588 - 0.1416	0.1004	0.0589 - 0.142
<b>REGION</b>					
Central	36		Insuff Data		Insuff Data
Kansas City	69	0.1022	0.0297 - 0.1747	0.1022	0.0296 - 0.1747
Northeast	56	0.1275	0.0366 - 0.2184	0.1275	0.0366 - 0.2184
Northwest	43		Insuff Data		Insuff Data
Southeast	54	0.1661	0.024 - 0.3082	0.1661	0.024 - 0.3082
Southwest	46		Insuff Data		Insuff Data
St. Louis	57	0.0989	0.0066 - 0.1912	0.0995	0.0066 - 0.1924
<b>GENDER</b>					
Female	361	0.1002	0.0588 - 0.1416	0.1004	0.0589 - 0.142
Male					
<b>RACE</b>					
Black	17		Insuff Data		Insuff Data
Other	18		Insuff Data		Insuff Data
White	322	0.0932	0.0507 - 0.1357	0.0932	0.0507 - 0.1357
<b>EDUCATION</b>					
< HS	91	0.1182	0.0382 - 0.1982	0.1182	0.0382 - 0.1981
HS	151	0.1114	0.0497 - 0.1731	0.1119	0.0498 - 0.1741
> HS	116	0.0731	0 - 0.1527	0.0731	0 - 0.1527
<b>INCOME</b>					
<\$15,000	69	0.1692	0.0481 - 0.2903	0.1713	0.0488 - 0.2938
\$15-24,999	98	0.0519	0.0094 - 0.0944	0.0519	0.0094 - 0.0944
\$25-34,999	63	0.0768	0.0133 - 0.1403	0.0768	0.0133 - 0.1403
\$35-49,999	16		Insuff Data		Insuff Data
\$50-74,999	12		Insuff Data		Insuff Data
\$75,000+	7		Insuff Data		Insuff Data

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (AGES 18-29) WHO HAVE NOT HAD A PAP SMEAR WITHIN THE PAST 1**  
**YEAR**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	345	0.239	0.1785 - 0.2997	0.2217	0.1666 - 0.2768
<b>REGION</b>					
Central	44		Insuff Data		Insuff Data
Kansas City	75	0.272	0.1464 - 0.3984	0.2471	0.1312 - 0.3629
Northeast	38		Insuff Data		Insuff Data
Northwest	45		Insuff Data		Insuff Data
Southeast	32		Insuff Data		Insuff Data
Southwest	41		Insuff Data		Insuff Data
St. Louis	70	0.172	0.0566 - 0.287	0.1556	0.0514 - 0.2599
<b>GENDER</b>					
Female	345	0.239	0.1785 - 0.2997	0.2217	0.1666 - 0.2768
Male					
<b>RACE</b>					
Black	36		Insuff Data		Insuff Data
Other	24		Insuff Data		Insuff Data
White	284	0.222	0.1591 - 0.2849	0.211	0.152 - 0.27
<b>EDUCATION</b>					
< HS	31		Insuff Data		Insuff Data
HS	105	0.216	0.1117 - 0.3199	0.2034	0.1103 - 0.2965
> HS	208	0.221	0.1481 - 0.2939	0.2162	0.1462 - 0.2862
<b>INCOME</b>					
<\$15,000	47		Insuff Data		Insuff Data
\$15-24,999	79	0.246	0.118 - 0.3732	0.2496	0.116 - 0.3833
\$25-34,999	49		Insuff Data		Insuff Data
\$35-49,999	57	0.253	0.1124 - 0.393	0.2587	0.1168 - 0.4006
\$50-74,999	53	0.194	0.073 - 0.3148	0.1885	0.0693 - 0.3077
\$75,000+	32		Insuff Data		Insuff Data

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (AGES 30-69) WHO HAVE NOT HAD A PAP SMEAR WITHIN THE PAST 3 YEARS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1397	0.127	0.1044 - 0.1498	0.136	0.1097 - 0.1622
<b>REGION</b>					
Central	161	0.165	0.1045 - 0.2261	0.1826	0.107 - 0.2583
Kansas City	293	0.135	0.0903 - 0.1797	0.1426	0.0914 - 0.1937
Northeast	166	0.193	0.1238 - 0.2622	0.2209	0.1417 - 0.3001
Northwest	176	0.178	0.1124 - 0.2438	0.1682	0.0888 - 0.2476
Southeast	154	0.122	0.064 - 0.1808	0.1246	0.0574 - 0.1919
Southwest	152	0.157	0.0884 - 0.2252	0.15	0.0826 - 0.2174
St. Louis	295	0.091	0.0497 - 0.1331	0.0987	0.0515 - 0.146
<b>GENDER</b>					
Female	1397	0.127	0.1044 - 0.1498	0.136	0.1097 - 0.1622
Male					
<b>RACE</b>					
Black	119	0.058	0.0153 - 0.1011	0.0671	0.0177 - 0.1165
Other	78	0.156	0.0639 - 0.2477	0.1273	0.0554 - 0.1993
White	1197	0.133	0.1074 - 0.1588	0.144	0.1142 - 0.1738
<b>EDUCATION</b>					
< HS	94	0.33	0.1804 - 0.4802	0.3306	0.2055 - 0.4556
HS	464	0.15	0.1078 - 0.192	0.1362	0.0966 - 0.1758
> HS	838	0.095	0.0715 - 0.1185	0.1143	0.0824 - 0.1463
<b>INCOME</b>					
<\$15,000	153	0.223	0.1487 - 0.2981	0.2235	0.1422 - 0.3049
\$15-24,999	211	0.214	0.1408 - 0.2878	0.202	0.1281 - 0.2759
\$25-34,999	177	0.209	0.1107 - 0.3071	0.207	0.1141 - 0.2999
\$35-49,999	264	0.115	0.0655 - 0.1647	0.1503	0.0811 - 0.2195
\$50-74,999	239	0.054	0.0191 - 0.0893	0.04	0.0161 - 0.0639
\$75,000+	215	0.081	0.0361 - 0.1255	0.0634	0.0285 - 0.0983

## SECTION 27. WOMEN'S HEALTH AND HYSTERECTOMIES AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Women's Health and Hysterectomies:*

All female respondents were asked if they ever had a hysterectomy. A hysterectomy was defined as an operation to remove the uterus (womb).

### *Summary of Women's Health and Hysterectomies:*

In 2004, 23% of women in Missouri reported ever having a hysterectomy. Women with lower than a high school education (30%) were more likely to report having a hysterectomy than women with more than a high school education (19%). See the tables below for more detailed information on Women's Health and Hysterectomy reporting in Missouri by region, gender, race, education and income.

**WOMEN'S HEALTH AMONG MISSOURI ADULTS, 2004**  
**WOMEN (ALL AGES) WHO HAVE HAD A HYSTERECTOMY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	2896	0.232	0.2129 - 0.2513	0.2127	0.1962 - 0.2291
<b>REGION</b>					
Central	332	0.236	0.188 - 0.284	0.2214	0.1788 - 0.2639
Kansas City	573	0.215	0.1785 - 0.2519	0.2033	0.1708 - 0.2359
Northeast	381	0.254	0.2055 - 0.3023	0.2252	0.1836 - 0.2667
Northwest	356	0.225	0.1768 - 0.2728	0.2058	0.1656 - 0.2459
Southeast	358	0.284	0.2327 - 0.3357	0.2527	0.209 - 0.2964
Southwest	356	0.282	0.2321 - 0.3325	0.2586	0.2151 - 0.3021
St. Louis	540	0.202	0.1631 - 0.2415	0.1842	0.1515 - 0.217
<b>GENDER</b>					
Female	2896	0.232	0.2129 - 0.2513	0.2127	0.1962 - 0.2291
Male					
<b>RACE</b>					
Black	234	0.223	0.1582 - 0.2884	0.2271	0.1728 - 0.2814
Other	156	0.188	0.1181 - 0.2577	0.2001	0.136 - 0.2642
White	2488	0.236	0.2145 - 0.2565	0.2111	0.1932 - 0.2289
<b>EDUCATION</b>					
< HS	354	0.301	0.2397 - 0.3617	0.2589	0.2003 - 0.3175
HS	1068	0.281	0.2462 - 0.3164	0.2398	0.2106 - 0.269
> HS	1466	0.187	0.163 - 0.2112	0.1909	0.1691 - 0.2126
<b>INCOME</b>					
<\$15,000	441	0.327	0.2712 - 0.3818	0.289	0.2394 - 0.3385
\$15-24,999	564	0.261	0.2155 - 0.3065	0.218	0.1792 - 0.2568
\$25-34,999	392	0.232	0.18 - 0.2846	0.1994	0.1555 - 0.2433
\$35-49,999	421	0.199	0.1535 - 0.2453	0.2132	0.1675 - 0.2589
\$50-74,999	373	0.22	0.1636 - 0.2772	0.2592	0.2033 - 0.315
\$75,000+	309	0.162	0.1156 - 0.2074	0.17	0.1191 - 0.221



## VII ADDITIONAL TOPICS

### SECTION 28. HIV/AIDS AMONG MISSOURI ADULTS, 2004

#### *Description of BRFSS questions regarding HIV/AIDS:*

All respondents younger than 65 years of age were asked if they believed a pregnant woman with HIV can get treatment to help reduce the chances that she will pass the virus on to her baby and there are medical treatments available that are intended to help a person who is infected with HIV to live longer. Respondents were asked if they had ever been tested for HIV and in what month and year was their last HIV test, not counting tests they may have had as part of a blood donation. Respondents were also asked their main reason for having their last HIV test. This analysis included percentages of respondents who had their last HIV test because it was required, they wanted to know their HIV status, they were pregnant, it was part of a routine medical check-up, and some other reason. Respondents were asked where they had their last HIV test. This analysis included percentages of respondents who had their last HIV test at a private doctor's or HMO office, at a hospital or clinic, and somewhere else.

#### *Summary of HIV/AIDS:*

In 2004, 3% of Missouri adults were at risk for HIV. Thirty-seven percent reported ever being tested for HIV, which varied by race. Black (58%) respondents were more likely to have been tested than white (34%) respondents. Ninety percent reported believing that treatments were available to help an HIV infected person live longer. More women (58%) than men (45%) believed that treatments are available to reduce the chances that a pregnant woman will pass the virus to her baby. Eleven percent of respondents had talked with a doctor about preventing sexually transmitted diseases (STD's) with condoms in the past 12 months and this varied by race and gender. More women (16%) than men (6%) and more black (27%) than other race (16%) or white (9%) respondents had talked with a doctor about STD's in the prior 12 months. Twenty percent of respondents reported being tested for HIV because it was required, 18% because they wanted to know their HIV status, 15% because they were pregnant, 27% for a check-up and 21% for other reasons. Respondents who had been tested were more likely to be tested at a private doctor's office or HMO office (46%), hospital or clinic (44%) than at another place (10%). See the tables below for more detailed information on HIV/AIDS in Missouri by region, gender, race, education and income.

#### *Additional HIV/AIDS Information:*

Go to the DHSS website at [http://www.dhss.mo.gov/HIV\\_STD\\_AIDS/](http://www.dhss.mo.gov/HIV_STD_AIDS/)

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**BELIEFS ABOUT HIV/AIDS: TREATMENTS ARE AVAILABLE TO HELP A HIV**  
**INFECTED PERSON LIVE LONGER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	3504	0.901	0.888 - 0.9146	0.902	0.8882 - 0.9153
<b>REGION</b>					
Central	432	0.883	0.8449 - 0.9209	0.883	0.8479 - 0.9185
Kansas City	692	0.915	0.8898 - 0.9404	0.915	0.8888 - 0.9402
Northeast	416	0.901	0.8709 - 0.9313	0.902	0.8729 - 0.9317
Northwest	425	0.885	0.849 - 0.9212	0.882	0.847 - 0.9176
Southeast	414	0.845	0.8009 - 0.8887	0.846	0.8022 - 0.8896
Southwest	428	0.901	0.8703 - 0.9315	0.902	0.8707 - 0.933
St. Louis	697	0.917	0.8899 - 0.9437	0.917	0.89 - 0.9441
<b>GENDER</b>					
Female	2043	0.912	0.8958 - 0.9284	0.912	0.8962 - 0.9287
Male	1461	0.89	0.8684 - 0.9116	0.89	0.8688 - 0.9119
<b>RACE</b>					
Black	265	0.823	0.76 - 0.885	0.816	0.7543 - 0.8774
Other	229	0.838	0.7756 - 0.901	0.835	0.7725 - 0.8968
White	2989	0.916	0.9025 - 0.9295	0.917	0.9034 - 0.9305
<b>EDUCATION</b>					
< HS	296	0.807	0.7515 - 0.8625	0.795	0.7391 - 0.8508
HS	1247	0.857	0.8299 - 0.8843	0.858	0.8289 - 0.8866
> HS	1957	0.943	0.9284 - 0.957	0.943	0.9284 - 0.9571
<b>INCOME</b>					
<\$15,000	387	0.836	0.7919 - 0.8801	0.819	0.774 - 0.8641
\$15-24,999	551	0.851	0.8113 - 0.8909	0.849	0.809 - 0.8882
\$25-34,999	460	0.912	0.8834 - 0.9402	0.909	0.8792 - 0.938
\$35-49,999	659	0.911	0.8804 - 0.9412	0.91	0.8779 - 0.9418
\$50-74,999	610	0.931	0.9003 - 0.9615	0.935	0.9068 - 0.9629
\$75,000+	561	0.973	0.9587 - 0.9873	0.972	0.9573 - 0.9875

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**BELIEFS ABOUT HIV/AIDS: TREATMENTS ARE AVAILABLE TO REDUCE THE**  
**CHANCES THAT A PREGNANT WOMAN WILL PASS THE VIRUS TO HER BABY**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	3507	0.514	0.4912 - 0.5366	0.515	0.492 - 0.5374
<b>REGION</b>					
Central	431	0.516	0.4582 - 0.5734	0.522	0.4689 - 0.5759
Kansas City	694	0.516	0.4718 - 0.5592	0.518	0.474 - 0.5619
Northeast	416	0.47	0.4079 - 0.5321	0.47	0.4103 - 0.5302
Northwest	425	0.446	0.387 - 0.505	0.447	0.3913 - 0.5022
Southeast	414	0.461	0.4054 - 0.5156	0.466	0.4102 - 0.5212
Southwest	430	0.535	0.4804 - 0.5886	0.534	0.4796 - 0.5878
St. Louis	697	0.531	0.4836 - 0.5788	0.53	0.4815 - 0.5779
<b>GENDER</b>					
Female	2043	0.576	0.5465 - 0.6045	0.577	0.5473 - 0.6057
Male	1464	0.45	0.4152 - 0.4838	0.45	0.4159 - 0.4845
<b>RACE</b>					
Black	265	0.585	0.5057 - 0.6637	0.594	0.5209 - 0.6667
Other	229	0.499	0.4113 - 0.5861	0.489	0.4058 - 0.5716
White	2992	0.509	0.4842 - 0.5336	0.509	0.4845 - 0.5343
<b>EDUCATION</b>					
< HS	296	0.421	0.3411 - 0.5007	0.423	0.3463 - 0.4996
HS	1250	0.438	0.4004 - 0.4756	0.44	0.402 - 0.4788
> HS	1957	0.574	0.5443 - 0.6031	0.574	0.5443 - 0.6038
<b>INCOME</b>					
<\$15,000	388	0.548	0.4771 - 0.6187	0.553	0.4878 - 0.6184
\$15-24,999	552	0.508	0.4531 - 0.5633	0.51	0.4561 - 0.5631
\$25-34,999	460	0.495	0.431 - 0.5588	0.489	0.4267 - 0.551
\$35-49,999	659	0.483	0.4324 - 0.5328	0.482	0.4313 - 0.5328
\$50-74,999	612	0.527	0.4731 - 0.5801	0.538	0.4825 - 0.5934
\$75,000+	560	0.563	0.509 - 0.6172	0.566	0.5084 - 0.6232

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**HIV/AIDS: TALKED WITH DOCTOR ABOUT PREVENTING STD'S WITH CONDOMS**  
**IN THE PAST 12 MONTHS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	3480	0.108	0.0927 - 0.1241	0.109	0.0942 - 0.1232
<b>REGION</b>					
Central	429	0.127	0.0755 - 0.1785	0.11	0.074 - 0.1469
Kansas City	684	0.081	0.0569 - 0.1055	0.083	0.0583 - 0.1073
Northeast	414	0.075	0.0432 - 0.107	0.077	0.0452 - 0.1083
Northwest	423	0.115	0.0733 - 0.1561	0.104	0.0689 - 0.1398
Southeast	410	0.089	0.0481 - 0.1297	0.087	0.0531 - 0.1213
Southwest	427	0.086	0.054 - 0.1186	0.084	0.0544 - 0.1143
St. Louis	693	0.135	0.1011 - 0.1681	0.143	0.1101 - 0.1751
<b>GENDER</b>					
Female	2027	0.155	0.1309 - 0.1795	0.157	0.135 - 0.1785
Male	1453	0.06	0.0405 - 0.0785	0.059	0.0412 - 0.0769
<b>RACE</b>					
Black	261	0.272	0.201 - 0.343	0.253	0.1926 - 0.3137
Other	227	0.156	0.0726 - 0.2392	0.14	0.0757 - 0.2039
White	2971	0.089	0.0734 - 0.1048	0.092	0.0767 - 0.1065
<b>EDUCATION</b>					
< HS	290	0.168	0.0958 - 0.2408	0.136	0.0867 - 0.1859
HS	1239	0.11	0.0841 - 0.1355	0.112	0.0866 - 0.1364
> HS	1947	0.099	0.0787 - 0.1187	0.102	0.083 - 0.1211
<b>INCOME</b>					
<\$15,000	384	0.211	0.1549 - 0.2675	0.206	0.1525 - 0.2603
\$15-24,999	548	0.189	0.1433 - 0.2343	0.17	0.131 - 0.2082
\$25-34,999	454	0.113	0.0573 - 0.1683	0.105	0.0649 - 0.1448
\$35-49,999	656	0.098	0.0617 - 0.1347	0.106	0.0693 - 0.1418
\$50-74,999	608	0.064	0.0354 - 0.093	0.08	0.0431 - 0.1172
\$75,000+	559	0.062	0.0326 - 0.0906	0.079	0.0436 - 0.1149

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**HIV/AIDS: PEOPLE AT RISK FOR HIV**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	3486	0.033	0.0246 - 0.0418	0.034	0.0249 - 0.0421
<b>REGION</b>					
Central	429	0.028	0.0071 - 0.0495	0.027	0.0068 - 0.0468
Kansas City	688	0.046	0.0255 - 0.0655	0.047	0.0261 - 0.0669
Northeast	415	0.028	0.01 - 0.0464	0.03	0.0104 - 0.0492
Northwest	423	0.034	0.0083 - 0.0593	0.027	0.008 - 0.0453
Southeast	410	0.033	0.0094 - 0.0564	0.032	0.0098 - 0.0537
Southwest	427	0.037	0.0144 - 0.059	0.037	0.0151 - 0.0582
St. Louis	694	0.027	0.0109 - 0.0435	0.029	0.0116 - 0.0457
<b>GENDER</b>					
Female	2032	0.029	0.0182 - 0.0402	0.03	0.0185 - 0.0405
Male	1454	0.037	0.0243 - 0.0505	0.038	0.0243 - 0.051
<b>RACE</b>					
Black	262	0.04	0.0047 - 0.0761	0.03	0.0057 - 0.0543
Other	227	0.031	0 - 0.0633	0.028	0.0008 - 0.0553
White	2976	0.033	0.0237 - 0.0421	0.034	0.0245 - 0.0433
<b>EDUCATION</b>					
< HS	292	0.044	0.0078 - 0.0804	0.037	0.0072 - 0.0672
HS	1238	0.033	0.0189 - 0.0467	0.033	0.0192 - 0.0458
> HS	1953	0.032	0.0205 - 0.0429	0.032	0.0212 - 0.0435
<b>INCOME</b>					
<\$15,000	386	0.042	0.0162 - 0.068	0.043	0.019 - 0.0664
\$15-24,999	549	0.054	0.0294 - 0.078	0.046	0.0253 - 0.0668
\$25-34,999	453	0.039	0.0126 - 0.0644	0.038	0.0128 - 0.0634
\$35-49,999	658	0.037	0.0148 - 0.059	0.039	0.0155 - 0.0629
\$50-74,999	608	0.032	0.0082 - 0.0548	0.038	0.0107 - 0.0651
\$75,000+	559	0.012	0.0016 - 0.0224	0.013	0.0005 - 0.0248

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**HIV/AIDS: EVER BEEN TESTED FOR HIV**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	3435	0.371	0.3491 - 0.3931	0.377	0.3561 - 0.3984
<b>REGION</b>					
Central	423	0.368	0.3129 - 0.4235	0.372	0.3202 - 0.4237
Kansas City	680	0.424	0.3804 - 0.4678	0.425	0.3822 - 0.4669
Northeast	409	0.326	0.2658 - 0.387	0.339	0.2815 - 0.3964
Northwest	416	0.33	0.2703 - 0.3891	0.332	0.2803 - 0.3842
Southeast	407	0.349	0.296 - 0.4018	0.361	0.3077 - 0.4136
Southwest	419	0.353	0.3004 - 0.4062	0.359	0.3081 - 0.4104
St. Louis	681	0.366	0.3203 - 0.4117	0.374	0.3294 - 0.4184
<b>GENDER</b>					
Female	2002	0.397	0.3679 - 0.4255	0.406	0.3773 - 0.4338
Male	1433	0.345	0.3114 - 0.3776	0.349	0.3171 - 0.3806
<b>RACE</b>					
Black	262	0.58	0.5007 - 0.6595	0.596	0.5262 - 0.6657
Other	221	0.469	0.3799 - 0.5571	0.46	0.3773 - 0.5427
White	2931	0.343	0.3195 - 0.3669	0.351	0.3283 - 0.3746
<b>EDUCATION</b>					
< HS	291	0.377	0.3003 - 0.4531	0.374	0.3019 - 0.4458
HS	1217	0.335	0.2976 - 0.3716	0.352	0.3151 - 0.3884
> HS	1923	0.392	0.3632 - 0.4216	0.392	0.3636 - 0.4201
<b>INCOME</b>					
<\$15,000	384	0.508	0.4371 - 0.5779	0.513	0.4499 - 0.5761
\$15-24,999	544	0.397	0.343 - 0.45	0.405	0.3536 - 0.4567
\$25-34,999	452	0.36	0.2993 - 0.4209	0.355	0.2968 - 0.4132
\$35-49,999	644	0.358	0.3091 - 0.4067	0.365	0.3171 - 0.412
\$50-74,999	600	0.357	0.3053 - 0.4077	0.35	0.2982 - 0.4025
\$75,000+	551	0.353	0.2996 - 0.4058	0.371	0.3169 - 0.4243

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**HIV/AIDS: OF RESPONDENTS TESTED FOR HIV – TESTED ONE OR MORE**  
**TIMES IN THE PAST 12 MONTHS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1238	0.3716	0.3359 - 0.4073	0.3571	0.3222 - 0.392
<b>REGION</b>					
Central	147	0.3653	0.2759 - 0.4547	0.3596	0.2724 - 0.4468
Kansas City	281	0.3515	0.2841 - 0.4189	0.3476	0.28 - 0.4152
Northeast	127	0.3326	0.2254 - 0.4398	0.3291	0.2272 - 0.4311
Northwest	129	0.5228	0.4105 - 0.6351	0.4645	0.3665 - 0.5625
Southeast	142	0.3333	0.2447 - 0.4219	0.304	0.2195 - 0.3885
Southwest	143	0.3419	0.2523 - 0.4315	0.3101	0.2237 - 0.3966
St. Louis	269	0.3967	0.3222 - 0.4712	0.388	0.3129 - 0.4631
<b>GENDER</b>					
Female	752	0.372	0.3269 - 0.4171	0.3333	0.2924 - 0.3743
Male	486	0.371	0.314 - 0.428	0.375	0.3184 - 0.4317
<b>RACE</b>					
Black	159	0.6151	0.5255 - 0.7047	0.5741	0.4927 - 0.6554
Other	98	0.4142	0.2878 - 0.5406	0.406	0.2988 - 0.5132
White	975	0.3271	0.2875 - 0.3667	0.3212	0.2822 - 0.3602
<b>EDUCATION</b>					
< HS	110	0.4442	0.3284 - 0.56	0.4254	0.3168 - 0.534
HS	367	0.4473	0.3791 - 0.5155	0.4255	0.3587 - 0.4924
> HS	760	0.3227	0.2782 - 0.3672	0.3149	0.271 - 0.3588
<b>INCOME</b>					
<\$15,000	173	0.4605	0.3509 - 0.5701	0.4515	0.3499 - 0.553
\$15-24,999	209	0.5313	0.4476 - 0.615	0.4915	0.4076 - 0.5753
\$25-34,999	157	0.4076	0.3092 - 0.506	0.3647	0.2683 - 0.4611
\$35-49,999	220	0.33	0.2492 - 0.4108	0.3155	0.2435 - 0.3874
\$50-74,999	217	0.3077	0.2181 - 0.3973	0.2945	0.1977 - 0.3913
\$75,000+	185	0.2605	0.1794 - 0.3416	0.2716	0.1797 - 0.3635

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**HIV/AIDS: TESTED FOR HIV IN THE LAST 3 YEARS**  
 Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	3306	0.188	0.1697 - 0.2069	0.19	0.1721 - 0.2082
<b>REGION</b>					
Central	407	0.182	0.1361 - 0.2275	0.177	0.1347 - 0.2202
Kansas City	650	0.188	0.1522 - 0.224	0.186	0.1514 - 0.2212
Northeast	395	0.151	0.1055 - 0.1965	0.155	0.1106 - 0.1988
Northwest	403	0.192	0.1365 - 0.2483	0.184	0.1381 - 0.2295
Southeast	393	0.149	0.1093 - 0.1889	0.154	0.1131 - 0.1954
Southwest	403	0.186	0.1408 - 0.2306	0.189	0.1455 - 0.2333
St. Louis	655	0.206	0.1666 - 0.2458	0.214	0.175 - 0.2534
<b>GENDER</b>					
Female	1936	0.21	0.1842 - 0.2348	0.214	0.1894 - 0.2384
Male	1370	0.166	0.1389 - 0.1929	0.167	0.1402 - 0.1931
<b>RACE</b>					
Black	245	0.415	0.336 - 0.4932	0.42	0.3498 - 0.4897
Other	215	0.249	0.1732 - 0.3246	0.236	0.1643 - 0.307
White	2826	0.163	0.1431 - 0.1823	0.166	0.1473 - 0.1853
<b>EDUCATION</b>					
< HS	274	0.186	0.1284 - 0.2428	0.168	0.1164 - 0.2187
HS	1174	0.187	0.154 - 0.219	0.196	0.1629 - 0.2283
> HS	1854	0.19	0.1655 - 0.2145	0.189	0.1656 - 0.2123
<b>INCOME</b>					
<\$15,000	363	0.34	0.2635 - 0.4159	0.316	0.2505 - 0.3811
\$15-24,999	525	0.244	0.1974 - 0.2914	0.246	0.1993 - 0.2925
\$25-34,999	439	0.186	0.1398 - 0.2328	0.176	0.1306 - 0.2212
\$35-49,999	622	0.164	0.1256 - 0.2016	0.17	0.1325 - 0.207
\$50-74,999	578	0.15	0.1068 - 0.1934	0.156	0.1099 - 0.2021
\$75,000+	534	0.159	0.1158 - 0.2024	0.179	0.1321 - 0.2265



**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**HIV/AIDS: LAST TESTED FOR HIV BECAUSE IT WAS REQUIRED**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1227	0.196	0.1633 - 0.2283	0.203	0.1696 - 0.2354
<b>REGION</b>					
Central	146	0.221	0.1397 - 0.3031	0.232	0.1507 - 0.3134
Kansas City	276	0.21	0.1477 - 0.2731	0.205	0.1414 - 0.2676
Northeast	127	0.169	0.0953 - 0.2431	0.185	0.1078 - 0.2626
Northwest	128	0.183	0.1042 - 0.261	0.19	0.1159 - 0.2649
Southeast	141	0.15	0.0862 - 0.2144	0.162	0.0956 - 0.2289
Southwest	142	0.163	0.0957 - 0.2305	0.185	0.1118 - 0.2584
St. Louis	267	0.207	0.1359 - 0.2775	0.221	0.1489 - 0.2939
<b>GENDER</b>					
Female	749	0.131	0.0974 - 0.164	0.152	0.1147 - 0.19
Male	478	0.275	0.2178 - 0.3326	0.27	0.2127 - 0.3268
<b>RACE</b>					
Black	156	0.169	0.0906 - 0.247	0.186	0.108 - 0.2644
Other	98	0.178	0.0801 - 0.2765	0.184	0.0822 - 0.2852
White	967	0.2	0.1624 - 0.2384	0.202	0.1644 - 0.2392
<b>EDUCATION</b>					
< HS	107	0.052	0.0111 - 0.0923	0.063	0.0153 - 0.1113
HS	364	0.181	0.1171 - 0.2445	0.175	0.1195 - 0.2301
> HS	755	0.223	0.1817 - 0.2651	0.227	0.1834 - 0.27
<b>INCOME</b>					
<\$15,000	172	0.154	0.0396 - 0.2686	0.148	0.0608 - 0.2349
\$15-24,999	207	0.079	0.0293 - 0.1289	0.111	0.0426 - 0.1798
\$25-34,999	154	0.16	0.0838 - 0.2362	0.157	0.0802 - 0.2343
\$35-49,999	220	0.174	0.1097 - 0.2391	0.186	0.1212 - 0.2513
\$50-74,999	215	0.235	0.1528 - 0.3174	0.227	0.1416 - 0.3121
\$75,000+	185	0.296	0.209 - 0.3838	0.297	0.1949 - 0.3987

<b>ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004</b> <b>HIV/AIDS: LAST TESTED FOR HIV BECAUSE WANTED TO KNOW STATUS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1227	0.178	0.1492 - 0.2076	0.185	0.1553 - 0.2141
<b>REGION</b>					
Central	146	0.176	0.0954 - 0.2572	0.171	0.1038 - 0.2371
Kansas City	276	0.222	0.1628 - 0.2812	0.231	0.1704 - 0.2912
Northeast	127	0.127	0.0598 - 0.1946	0.132	0.0636 - 0.2
Northwest	128	0.07	0.0165 - 0.1235	0.066	0.0147 - 0.1178
Southeast	141	0.218	0.1338 - 0.3024	0.212	0.1357 - 0.2886
Southwest	142	0.137	0.0653 - 0.2087	0.126	0.0634 - 0.1876
St. Louis	267	0.175	0.1166 - 0.2326	0.191	0.1288 - 0.2538
<b>GENDER</b>					
Female	749	0.16	0.1264 - 0.1926	0.171	0.1369 - 0.2048
Male	478	0.201	0.1508 - 0.252	0.205	0.1539 - 0.2566
<b>RACE</b>					
Black	156	0.213	0.1348 - 0.2916	0.223	0.1423 - 0.3034
Other	98	0.264	0.1486 - 0.3788	0.263	0.1526 - 0.3741
White	967	0.164	0.1315 - 0.1965	0.17	0.1371 - 0.2026
<b>EDUCATION</b>					
< HS	107	0.191	0.1002 - 0.282	0.222	0.125 - 0.3186
HS	364	0.175	0.1229 - 0.2271	0.184	0.1289 - 0.2386
> HS	755	0.178	0.1396 - 0.216	0.184	0.1449 - 0.2225
<b>INCOME</b>					
<\$15,000	172	0.238	0.1483 - 0.3275	0.226	0.1507 - 0.3008
\$15-24,999	207	0.173	0.1054 - 0.2402	0.172	0.1025 - 0.2405
\$25-34,999	154	0.241	0.1539 - 0.3279	0.266	0.1791 - 0.3536
\$35-49,999	220	0.158	0.0936 - 0.2222	0.158	0.097 - 0.2189
\$50-74,999	215	0.136	0.073 - 0.1992	0.16	0.0742 - 0.2455
\$75,000+	185	0.143	0.0661 - 0.2197	0.165	0.0793 - 0.2498

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**HIV/AIDS: LAST TESTED FOR HIV BECAUSE PREGNANT**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1227	0.153	0.1273 - 0.1779	0.124	0.1031 - 0.1443
<b>REGION</b>					
Central	146	0.151	0.0873 - 0.2143	0.12	0.0716 - 0.1692
Kansas City	276	0.11	0.0732 - 0.1462	0.097	0.0619 - 0.1321
Northeast	127	0.211	0.0905 - 0.3319	0.17	0.091 - 0.2493
Northwest	128	0.193	0.1174 - 0.2694	0.152	0.0922 - 0.2121
Southeast	141	0.166	0.0974 - 0.235	0.143	0.084 - 0.2016
Southwest	142	0.2	0.1255 - 0.2745	0.173	0.1082 - 0.2372
St. Louis	267	0.147	0.0956 - 0.199	0.115	0.074 - 0.1567
<b>GENDER</b>					
Female	749	0.278	0.2358 - 0.3192	0.224	0.1913 - 0.2564
Male	478	0	0 - 0	0	0 - 0
<b>RACE</b>					
Black	156	0.118	0.06 - 0.1764	0.101	0.0528 - 0.1496
Other	98	0.109	0.0256 - 0.193	0.092	0.0222 - 0.161
White	967	0.164	0.135 - 0.1938	0.133	0.1085 - 0.1568
<b>EDUCATION</b>					
< HS	107	0.148	0.0482 - 0.247	0.112	0.0357 - 0.1874
HS	364	0.15	0.106 - 0.1946	0.122	0.0859 - 0.1581
> HS	755	0.155	0.1224 - 0.1866	0.126	0.0982 - 0.1538
<b>INCOME</b>					
<\$15,000	172	0.071	0.0297 - 0.1117	0.059	0.0244 - 0.0941
\$15-24,999	207	0.124	0.0746 - 0.1738	0.092	0.0572 - 0.127
\$25-34,999	154	0.155	0.0816 - 0.2274	0.131	0.0676 - 0.195
\$35-49,999	220	0.157	0.0987 - 0.2159	0.124	0.0765 - 0.1705
\$50-74,999	215	0.265	0.186 - 0.3432	0.221	0.1408 - 0.3011
\$75,000+	185	0.127	0.07 - 0.184	0.091	0.0507 - 0.1303

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004  
HIV/AIDS: LAST TESTED FOR HIV DURING CHECK-UP**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1227	0.269	0.2362 - 0.3008	0.277	0.2442 - 0.3092
<b>REGION</b>					
Central	146	0.279	0.1985 - 0.3593	0.298	0.2162 - 0.38
Kansas City	276	0.267	0.2076 - 0.3272	0.283	0.2206 - 0.346
Northeast	127	0.227	0.1401 - 0.3133	0.245	0.1625 - 0.3279
Northwest	128	0.384	0.2632 - 0.5038	0.381	0.2732 - 0.4884
Southeast	141	0.208	0.1343 - 0.2825	0.207	0.1336 - 0.2798
Southwest	142	0.27	0.1869 - 0.3527	0.264	0.1827 - 0.3442
St. Louis	267	0.273	0.2057 - 0.3405	0.278	0.2101 - 0.3453
<b>GENDER</b>					
Female	749	0.23	0.1901 - 0.2693	0.228	0.1892 - 0.2664
Male	478	0.316	0.2626 - 0.3692	0.327	0.2741 - 0.3795
<b>RACE</b>					
Black	156	0.387	0.2948 - 0.479	0.376	0.2875 - 0.4639
Other	98	0.268	0.1554 - 0.38	0.279	0.1692 - 0.3887
White	967	0.248	0.2121 - 0.2843	0.263	0.2259 - 0.2996
<b>EDUCATION</b>					
< HS	107	0.339	0.2252 - 0.4526	0.333	0.2177 - 0.4485
HS	364	0.31	0.2471 - 0.3721	0.314	0.2536 - 0.3744
> HS	755	0.238	0.1988 - 0.2776	0.253	0.2118 - 0.2941
<b>INCOME</b>					
<\$15,000	172	0.305	0.2085 - 0.4021	0.338	0.2507 - 0.4247
\$15-24,999	207	0.395	0.3123 - 0.4777	0.383	0.3011 - 0.4657
\$25-34,999	154	0.262	0.1705 - 0.3531	0.259	0.1697 - 0.3473
\$35-49,999	220	0.252	0.1778 - 0.3264	0.253	0.1812 - 0.3247
\$50-74,999	215	0.144	0.0914 - 0.1964	0.153	0.0935 - 0.2119
\$75,000+	185	0.309	0.2205 - 0.3969	0.333	0.2423 - 0.4238

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**HIV/AIDS: LAST TESTED FOR HIV FOR ANOTHER REASON**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1227	0.205	0.176 - 0.2336	0.212	0.184 - 0.2408
<b>REGION</b>					
Central	146	0.173	0.1089 - 0.2363	0.179	0.1155 - 0.2425
Kansas City	276	0.191	0.1384 - 0.2426	0.184	0.1364 - 0.2324
Northeast	127	0.266	0.164 - 0.3674	0.268	0.1712 - 0.3641
Northwest	128	0.171	0.0927 - 0.2483	0.21	0.1253 - 0.2954
Southeast	141	0.257	0.1781 - 0.3357	0.276	0.1956 - 0.3567
Southwest	142	0.23	0.152 - 0.3084	0.253	0.1725 - 0.334
St. Louis	267	0.198	0.1385 - 0.2581	0.194	0.1374 - 0.2511
<b>GENDER</b>					
Female	749	0.203	0.1657 - 0.2393	0.225	0.1863 - 0.2639
Male	478	0.208	0.162 - 0.253	0.198	0.1574 - 0.2389
<b>RACE</b>					
Black	156	0.113	0.0565 - 0.1693	0.114	0.0583 - 0.17
Other	98	0.181	0.0922 - 0.2698	0.183	0.0892 - 0.2758
White	967	0.223	0.1889 - 0.2571	0.233	0.1995 - 0.2665
<b>EDUCATION</b>					
< HS	107	0.271	0.1662 - 0.3752	0.27	0.1638 - 0.3767
HS	364	0.184	0.1339 - 0.2347	0.205	0.1539 - 0.257
> HS	755	0.206	0.1689 - 0.2433	0.211	0.1736 - 0.2477
<b>INCOME</b>					
<\$15,000	172	0.232	0.1458 - 0.3182	0.23	0.1546 - 0.3044
\$15-24,999	207	0.229	0.1582 - 0.2994	0.242	0.1683 - 0.3153
\$25-34,999	154	0.183	0.0973 - 0.2683	0.187	0.1073 - 0.2657
\$35-49,999	220	0.258	0.1842 - 0.3324	0.279	0.2038 - 0.3547
\$50-74,999	215	0.22	0.1498 - 0.291	0.24	0.1678 - 0.3117
\$75,000+	185	0.125	0.073 - 0.1768	0.115	0.0696 - 0.1606

<b>ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004</b>					
<b>HIV/AIDS: LAST TESTED FOR HIV AT A PRIVATE DOCTORS OR HMO OFFICE</b>					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1144	0.462	0.4242 - 0.5002	0.457	0.4189 - 0.4941
<b>REGION</b>					
Central	132	0.404	0.3107 - 0.4969	0.381	0.2964 - 0.4661
Kansas City	259	0.569	0.4979 - 0.6391	0.54	0.4701 - 0.6104
Northeast	117	0.336	0.2114 - 0.4604	0.329	0.22 - 0.438
Northwest	115	0.398	0.2834 - 0.5132	0.377	0.2667 - 0.4866
Southeast	130	0.379	0.2834 - 0.4754	0.399	0.3056 - 0.4915
Southwest	138	0.451	0.3567 - 0.5449	0.449	0.3559 - 0.5421
St. Louis	253	0.459	0.3799 - 0.5387	0.469	0.3894 - 0.5494
<b>GENDER</b>					
Female	712	0.501	0.4531 - 0.5487	0.485	0.4379 - 0.532
Male	432	0.413	0.351 - 0.4744	0.415	0.3543 - 0.4758
<b>RACE</b>					
Black	152	0.37	0.2739 - 0.4651	0.373	0.2827 - 0.4642
Other	89	0.408	0.2794 - 0.5366	0.415	0.2825 - 0.5479
White	897	0.482	0.4384 - 0.5262	0.476	0.4326 - 0.5188
<b>EDUCATION</b>					
< HS	103	0.35	0.2331 - 0.4659	0.344	0.2271 - 0.4608
HS	333	0.47	0.3994 - 0.5398	0.47	0.4 - 0.5399
> HS	707	0.475	0.4258 - 0.5242	0.461	0.4123 - 0.5099
<b>INCOME</b>					
<\$15,000	160	0.283	0.2001 - 0.3663	0.292	0.2102 - 0.3744
\$15-24,999	199	0.37	0.2851 - 0.4545	0.385	0.2956 - 0.474
\$25-34,999	142	0.446	0.3379 - 0.5531	0.432	0.3247 - 0.5388
\$35-49,999	204	0.512	0.4253 - 0.5989	0.481	0.3981 - 0.5639
\$50-74,999	199	0.556	0.4628 - 0.6486	0.577	0.4801 - 0.6738
\$75,000+	170	0.54	0.4405 - 0.6389	0.534	0.4298 - 0.6379

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**HIV/AIDS: LAST TESTED FOR HIV AT A HOSPITAL OR CLINIC**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1144	0.436	0.3983 - 0.4739	0.438	0.4006 - 0.475
<b>REGION</b>					
Central	132	0.508	0.4115 - 0.6051	0.504	0.4125 - 0.5948
Kansas City	259	0.336	0.2689 - 0.4037	0.363	0.2941 - 0.4325
Northeast	117	0.578	0.4537 - 0.7023	0.554	0.4413 - 0.6675
Northwest	115	0.539	0.4201 - 0.6585	0.551	0.4402 - 0.6625
Southeast	130	0.518	0.4206 - 0.6162	0.504	0.4082 - 0.5987
Southwest	138	0.425	0.3291 - 0.5207	0.422	0.3289 - 0.5151
St. Louis	253	0.434	0.3561 - 0.5117	0.43	0.3511 - 0.5091
<b>GENDER</b>					
Female	712	0.42	0.3726 - 0.4666	0.43	0.3833 - 0.4774
Male	432	0.457	0.3954 - 0.5188	0.457	0.398 - 0.5168
<b>RACE</b>					
Black	152	0.553	0.4565 - 0.6501	0.544	0.4556 - 0.6324
Other	89	0.547	0.4163 - 0.6769	0.525	0.3942 - 0.6548
White	897	0.404	0.3615 - 0.4469	0.409	0.3665 - 0.4508
<b>EDUCATION</b>					
< HS	103	0.541	0.4213 - 0.6615	0.508	0.3853 - 0.6299
HS	333	0.453	0.3832 - 0.5224	0.448	0.3793 - 0.5161
> HS	707	0.412	0.364 - 0.4604	0.425	0.3766 - 0.4742
<b>INCOME</b>					
<\$15,000	160	0.613	0.5159 - 0.7091	0.585	0.4935 - 0.6769
\$15-24,999	199	0.561	0.4745 - 0.6465	0.538	0.4483 - 0.6282
\$25-34,999	142	0.445	0.3376 - 0.5532	0.474	0.3676 - 0.5813
\$35-49,999	204	0.415	0.3297 - 0.4999	0.432	0.3485 - 0.5155
\$50-74,999	199	0.365	0.2773 - 0.4529	0.355	0.2609 - 0.4487
\$75,000+	170	0.293	0.2042 - 0.3818	0.298	0.2038 - 0.3927

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004  
HIV/AIDS: LAST TESTED FOR HIV AT ANOTHER PLACE**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1144	0.102	0.0775 - 0.1261	0.106	0.082 - 0.1294
<b>REGION</b>					
Central	132	0.088	0.036 - 0.1398	0.115	0.0524 - 0.1778
Kansas City	259	0.095	0.054 - 0.1364	0.097	0.0569 - 0.136
Northeast	117	0.086	0.0277 - 0.1445	0.117	0.0451 - 0.1882
Northwest	115	0.062	0.0165 - 0.1083	0.072	0.023 - 0.121
Southeast	130	0.102	0.0444 - 0.16	0.098	0.0435 - 0.1525
Southwest	138	0.124	0.063 - 0.1854	0.129	0.0635 - 0.1944
St. Louis	253	0.107	0.0527 - 0.1609	0.101	0.0513 - 0.1497
<b>GENDER</b>					
Female	712	0.08	0.0497 - 0.1093	0.085	0.0566 - 0.1127
Male	432	0.13	0.0896 - 0.1708	0.128	0.0901 - 0.1649
<b>RACE</b>					
Black	152	0.077	0.0358 - 0.1186	0.083	0.04 - 0.1251
Other	89	0.045	0.006 - 0.0848	0.06	0.0068 - 0.1138
White	897	0.114	0.0831 - 0.1439	0.116	0.0864 - 0.1449
<b>EDUCATION</b>					
< HS	103	0.109	0.0401 - 0.1781	0.148	0.0582 - 0.2386
HS	333	0.078	0.0429 - 0.1123	0.082	0.0476 - 0.117
> HS	707	0.113	0.0781 - 0.1475	0.114	0.0794 - 0.1476
<b>INCOME</b>					
<\$15,000	160	0.104	0.0435 - 0.1651	0.123	0.0555 - 0.1895
\$15-24,999	199	0.07	0.0309 - 0.1085	0.077	0.0336 - 0.1202
\$25-34,999	142	0.109	0.0367 - 0.1813	0.094	0.0305 - 0.1571
\$35-49,999	204	0.073	0.0335 - 0.1127	0.087	0.0418 - 0.1323
\$50-74,999	199	0.079	0.0139 - 0.1445	0.068	0.024 - 0.1125
\$75,000+	170	0.167	0.0904 - 0.2444	0.168	0.0789 - 0.2569



## SECTION 29. SUMMARY OF FAMILY PLANNING AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Family Planning:*

All female respondents younger than 45 years of age who have not had a hysterectomy and all male respondents younger than 60 years of age were asked if they were doing anything to prevent pregnancy. Pregnancy prevention methods were defined as: not having sex at certain times, using birth control methods such as the pill, implants, shots, condoms, diaphragm, foam, IUD, having their tubes tied, or having a vasectomy.

All respondents were also asked how they feel about having a child now or sometime in the future and those that wanted to have a child were asked how soon they would want to have a child. Respondents not using birth control methods were also asked what their main reason was for not doing anything to keep from getting pregnant. In these analyses the percentage of respondents we were using any birth control method and those using condoms, pills, had or partner had tubes tied, had or partner had vasectomy, and all other forms of birth control were calculated.

### *Summary of Family Planning:*

In 2004, 75% of Missouri adults reported using any type of birth control method. Thirty percent used condoms, 19% took the birth control pill, 21% tied tubes, 4% had a vasectomy, and 25% used other forms of birth control. More women (84%) than men (69%) were trying to prevent pregnancy. See the tables below for more detailed information on Family Planning reporting in Missouri by region, gender, race, education and income.

<b>ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004</b>					
<b>FAMILY PLANNING: DOING ANYTHING TO KEEP FROM GETTING PREGNANT</b>					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1878	0.748	0.7212 - 0.775	0.717	0.6869 - 0.7465
<b>REGION</b>					
Central	232	0.783	0.72 - 0.8458	0.737	0.6722 - 0.8015
Kansas City	376	0.753	0.703 - 0.8022	0.72	0.6673 - 0.7724
Northeast	212	0.772	0.707 - 0.836	0.75	0.6824 - 0.8169
Northwest	226	0.691	0.615 - 0.7678	0.651	0.5755 - 0.7256
Southeast	218	0.761	0.6979 - 0.8241	0.735	0.6693 - 0.8006
Southwest	238	0.823	0.7719 - 0.8731	0.792	0.7322 - 0.851
St. Louis	376	0.704	0.6454 - 0.7626	0.68	0.6142 - 0.7451
<b>GENDER</b>					
Female	804	0.844	0.8106 - 0.8772	0.843	0.81 - 0.8766
Male	1074	0.688	0.6508 - 0.7256	0.686	0.6487 - 0.7232
<b>RACE</b>					
Black	137	0.744	0.6572 - 0.8308	0.683	0.5785 - 0.7874
Other	134	0.693	0.5848 - 0.8016	0.653	0.5321 - 0.7739
White	1595	0.757	0.7282 - 0.7866	0.729	0.6965 - 0.7608
<b>EDUCATION</b>					
< HS	154	0.783	0.7045 - 0.8605	0.764	0.6771 - 0.8504
HS	641	0.724	0.6731 - 0.7739	0.693	0.6392 - 0.7462
> HS	1082	0.757	0.7233 - 0.7911	0.724	0.6861 - 0.7621
<b>INCOME</b>					
<\$15,000	153	0.689	0.5736 - 0.8044	0.583	0.4803 - 0.6857
\$15-24,999	284	0.781	0.7221 - 0.8389	0.745	0.6759 - 0.8131
\$25-34,999	232	0.799	0.7347 - 0.8625	0.731	0.6551 - 0.8072
\$35-49,999	389	0.77	0.713 - 0.827	0.74	0.6775 - 0.8018
\$50-74,999	374	0.739	0.6793 - 0.7989	0.72	0.6506 - 0.7901
\$75,000+	333	0.726	0.6617 - 0.7907	0.713	0.6465 - 0.7798

<b>ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004</b>					
<b>FAMILY PLANNING: USING CONDOMS TO KEEP FROM GETTING PREGNANT</b>					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1348	0.304	0.2694 - 0.3376	0.237	0.2125 - 0.2623
<b>REGION</b>					
Central	173	0.327	0.2386 - 0.4162	0.248	0.1831 - 0.3124
Kansas City	263	0.304	0.237 - 0.3702	0.239	0.1927 - 0.2852
Northeast	162	0.238	0.1537 - 0.3231	0.186	0.1227 - 0.2497
Northwest	157	0.293	0.2057 - 0.3809	0.235	0.1567 - 0.3127
Southeast	160	0.284	0.1958 - 0.373	0.239	0.1674 - 0.3109
Southwest	176	0.245	0.1719 - 0.3181	0.181	0.1284 - 0.2331
St. Louis	257	0.337	0.2632 - 0.4102	0.267	0.2139 - 0.3206
<b>GENDER</b>					
Female	640	0.389	0.3366 - 0.442	0.378	0.3294 - 0.4266
Male	708	0.239	0.1955 - 0.2817	0.219	0.1823 - 0.2556
<b>RACE</b>					
Black	98	0.197	0.1003 - 0.2939	0.114	0.0567 - 0.1708
Other	90	0.269	0.1406 - 0.3966	0.189	0.1048 - 0.2734
White	1154	0.315	0.2777 - 0.3525	0.254	0.2269 - 0.281
<b>EDUCATION</b>					
< HS	109	0.181	0.0843 - 0.2783	0.154	0.0697 - 0.2386
HS	462	0.207	0.1542 - 0.26	0.168	0.1274 - 0.2081
> HS	777	0.379	0.3322 - 0.4252	0.294	0.2636 - 0.3251
<b>INCOME</b>					
<\$15,000	108	0.359	0.2332 - 0.484	0.236	0.1293 - 0.3425
\$15-24,999	209	0.261	0.1759 - 0.3465	0.172	0.1148 - 0.2297
\$25-34,999	167	0.251	0.1543 - 0.3475	0.18	0.1113 - 0.2477
\$35-49,999	289	0.341	0.2679 - 0.4137	0.277	0.2281 - 0.3265
\$50-74,999	266	0.272	0.1972 - 0.3458	0.229	0.1675 - 0.2902
\$75,000+	234	0.34	0.2611 - 0.4179	0.33	0.2709 - 0.3897

<b>ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004</b> <b>FAMILY PLANNING: USING THE PILL TO KEEP FROM GETTING PREGNANT</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1348	0.192	0.1617 - 0.2225	0.242	0.2037 - 0.2794
<b>REGION</b>					
Central	173	0.155	0.0734 - 0.2368	0.193	0.1165 - 0.2701
Kansas City	263	0.22	0.165 - 0.2756	0.284	0.2214 - 0.3473
Northeast	162	0.194	0.1275 - 0.2597	0.229	0.154 - 0.3034
Northwest	157	0.189	0.1216 - 0.2556	0.224	0.1444 - 0.304
Southeast	160	0.115	0.0659 - 0.1635	0.159	0.0914 - 0.2263
Southwest	176	0.172	0.1151 - 0.2295	0.193	0.1244 - 0.2612
St. Louis	257	0.222	0.1521 - 0.2913	0.278	0.1965 - 0.3592
<b>GENDER</b>					
Female	640	0.142	0.1089 - 0.1755	0.149	0.116 - 0.1814
Male	708	0.23	0.184 - 0.2758	0.246	0.2005 - 0.2907
<b>RACE</b>					
Black	98	0.05	0.0063 - 0.0933	0.114	0 - 0.2328
Other	90	0.191	0.0455 - 0.3367	0.173	0.0595 - 0.2861
White	1154	0.207	0.1733 - 0.2399	0.252	0.2115 - 0.2915
<b>EDUCATION</b>					
< HS	109	0.184	0.0464 - 0.3208	0.252	0.1219 - 0.3814
HS	462	0.166	0.1246 - 0.207	0.187	0.1408 - 0.2341
> HS	777	0.208	0.1677 - 0.2489	0.265	0.2155 - 0.315
<b>INCOME</b>					
<\$15,000	108	0.04	0.003 - 0.077	0.036	0.0028 - 0.0695
\$15-24,999	209	0.072	0.0306 - 0.1134	0.107	0.0432 - 0.1698
\$25-34,999	167	0.173	0.078 - 0.2682	0.191	0.1007 - 0.2803
\$35-49,999	289	0.204	0.1403 - 0.2685	0.264	0.1934 - 0.3341
\$50-74,999	266	0.262	0.1826 - 0.3406	0.303	0.2186 - 0.3875
\$75,000+	234	0.274	0.1966 - 0.3506	0.267	0.1878 - 0.3462

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**FAMILY PLANNING: USING OTHER FORM OF BIRTH CONTROL (FOAM, JELLY CREAM, DIAPHRAGM, NORPLANT, IUD, SHOTS, WITHDRAWAL, RHYTHM, ABSTINENCE) TO KEEP FROM GETTING PREGNANT**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1348	0.252	0.2207 - 0.2827	0.224	0.1947 - 0.2527
<b>REGION</b>					
Central	173	0.25	0.175 - 0.3244	0.227	0.1603 - 0.2928
Kansas City	263	0.233	0.1756 - 0.2908	0.205	0.1512 - 0.2594
Northeast	162	0.215	0.1183 - 0.3115	0.181	0.1095 - 0.2534
Northwest	157	0.217	0.1161 - 0.3183	0.185	0.1114 - 0.2587
Southeast	160	0.235	0.157 - 0.3138	0.198	0.1332 - 0.2617
Southwest	176	0.265	0.1854 - 0.3442	0.234	0.161 - 0.3065
St. Louis	257	0.27	0.2046 - 0.3348	0.244	0.1814 - 0.3072
<b>GENDER</b>					
Female	640	0.243	0.1978 - 0.2884	0.238	0.1951 - 0.2802
Male	708	0.258	0.2161 - 0.3003	0.248	0.2089 - 0.2869
<b>RACE</b>					
Black	98	0.461	0.328 - 0.5938	0.414	0.2643 - 0.5645
Other	90	0.276	0.1604 - 0.392	0.321	0.1671 - 0.4744
White	1154	0.231	0.1988 - 0.2624	0.205	0.1754 - 0.2346
<b>EDUCATION</b>					
< HS	109	0.318	0.1887 - 0.4471	0.206	0.1288 - 0.2825
HS	462	0.261	0.2054 - 0.3156	0.222	0.1758 - 0.2672
> HS	777	0.235	0.198 - 0.2724	0.222	0.1809 - 0.2621
<b>INCOME</b>					
<\$15,000	108	0.305	0.1955 - 0.4135	0.207	0.1155 - 0.2982
\$15-24,999	209	0.307	0.2227 - 0.3909	0.241	0.1705 - 0.312
\$25-34,999	167	0.302	0.2057 - 0.3989	0.283	0.1742 - 0.3925
\$35-49,999	289	0.177	0.1223 - 0.2309	0.158	0.1088 - 0.2061
\$50-74,999	266	0.22	0.1547 - 0.2845	0.213	0.1507 - 0.2762
\$75,000+	234	0.215	0.1516 - 0.279	0.212	0.14 - 0.2835

<b>ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004</b> <b>FAMILY PLANNING: TUBES TIED TO KEEP FROM GETTING PREGNANT</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1348	0.21	0.1826 - 0.2364	0.236	0.2025 - 0.2695
<b>REGION</b>					
Central	173	0.223	0.1566 - 0.2884	0.267	0.1926 - 0.3416
Kansas City	263	0.184	0.1333 - 0.2353	0.185	0.1329 - 0.238
Northeast	162	0.291	0.2127 - 0.3687	0.316	0.2368 - 0.3948
Northwest	157	0.266	0.1888 - 0.3424	0.29	0.205 - 0.3743
Southeast	160	0.295	0.2177 - 0.3729	0.323	0.2421 - 0.4028
Southwest	176	0.263	0.1925 - 0.3329	0.302	0.221 - 0.3829
St. Louis	257	0.153	0.0985 - 0.2071	0.185	0.1132 - 0.2566
<b>GENDER</b>					
Female	640	0.219	0.1785 - 0.2601	0.229	0.19 - 0.2688
Male	708	0.202	0.1665 - 0.2375	0.212	0.1756 - 0.2482
<b>RACE</b>					
Black	98	0.285	0.174 - 0.3966	0.332	0.2101 - 0.4532
Other	90	0.234	0.1302 - 0.338	0.25	0.1293 - 0.3712
White	1154	0.2	0.1714 - 0.2282	0.226	0.1907 - 0.262
<b>EDUCATION</b>					
< HS	109	0.273	0.1678 - 0.379	0.342	0.225 - 0.4598
HS	462	0.302	0.2487 - 0.3561	0.324	0.2636 - 0.3835
> HS	777	0.146	0.117 - 0.1758	0.176	0.1349 - 0.216
<b>INCOME</b>					
<\$15,000	108	0.277	0.1772 - 0.3764	0.418	0.2652 - 0.5702
\$15-24,999	209	0.316	0.2375 - 0.3947	0.397	0.3081 - 0.486
\$25-34,999	167	0.245	0.1519 - 0.3373	0.262	0.1645 - 0.3601
\$35-49,999	289	0.216	0.1579 - 0.2731	0.232	0.1689 - 0.2947
\$50-74,999	266	0.196	0.1381 - 0.2541	0.187	0.1222 - 0.2508
\$75,000+	234	0.128	0.0722 - 0.184	0.151	0.0795 - 0.2222

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**FAMILY PLANNING: VASECTOMY TO KEEP FROM GETTING PREGNANT**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1348	0.043	0.031 - 0.0554	0.061	0.0439 - 0.0788
<b>REGION</b>					
Central	173	0.045	0.0149 - 0.0757	0.065	0.0214 - 0.1092
Kansas City	263	0.059	0.0253 - 0.0919	0.086	0.0406 - 0.1315
Northeast	162	0.063	0.0253 - 0.0997	0.088	0.036 - 0.1398
Northwest	157	0.035	0.0068 - 0.064	0.066	0.0142 - 0.1185
Southeast	160	0.07	0.0153 - 0.1251	0.082	0.0211 - 0.1431
Southwest	176	0.055	0.0193 - 0.0911	0.091	0.0347 - 0.1468
St. Louis	257	0.019	0.0045 - 0.0339	0.026	0.0049 - 0.0464
<b>GENDER</b>					
Female	640	0.006	0.0006 - 0.0116	0.006	0.0006 - 0.0119
Male	708	0.071	0.0503 - 0.0923	0.076	0.0541 - 0.0973
<b>RACE</b>					
Black	98	0.007	0 - 0.0201	0.027	0 - 0.0805
Other	90	0.03	0 - 0.0629	0.067	0 - 0.1551
White	1154	0.048	0.0337 - 0.0619	0.063	0.0445 - 0.0821
<b>EDUCATION</b>					
< HS	109	0.044	0 - 0.0879	0.046	0.0024 - 0.0898
HS	462	0.064	0.0377 - 0.0907	0.1	0.062 - 0.1376
> HS	777	0.031	0.0185 - 0.0443	0.044	0.0239 - 0.0631
<b>INCOME</b>					
<\$15,000	108	0.02	0 - 0.0447	0.103	0 - 0.2323
\$15-24,999	209	0.044	0.0142 - 0.0738	0.083	0.0279 - 0.138
\$25-34,999	167	0.029	0.0032 - 0.055	0.084	0.0044 - 0.1644
\$35-49,999	289	0.063	0.0272 - 0.0982	0.07	0.0336 - 0.1058
\$50-74,999	266	0.051	0.0223 - 0.0799	0.068	0.0268 - 0.1096
\$75,000+	234	0.044	0.0153 - 0.0717	0.04	0.0129 - 0.0674

## SECTION 30. SUMMARY OF FIREARMS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Firearms:*

All respondents were asked if they kept firearms in or around their home. Respondents who kept firearms were also asked if these weapons were now loaded and if loaded were they also unlocked. Firearms included weapons such as pistols, shotguns, and rifles; but not BB guns, starter pistols, or guns that cannot fire. Included were those kept in a garage, outdoor storage area, or motor vehicle. A locked firearm was explained to be one for which you do not need a key or combination to get the gun or to fire it and that a safety does not count as a lock.

### *Summary of Firearms:*

In 2004, 44% of Missouri adults reported having a firearm in or around the home. More men (54%) than women (36%), and more whites (48%) than blacks (16%) reported having a firearm. Higher income was positively associated with percentages of having a firearm. Six percent of respondents who have a firearm in their home also kept the firearm loaded and unlocked. See the tables below for more detailed information on Firearms reporting in Missouri by region, gender, race, education and income.



**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**FIREARMS: ANY FIREARMS IN OR AROUND HOME**  
 Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4603	0.442	0.4222 - 0.4622	0.442	0.4222 - 0.4622
<b>REGION</b>					
Central	563	0.487	0.436 - 0.5376	0.495	0.4482 - 0.5419
Kansas City	880	0.414	0.3746 - 0.453	0.414	0.3751 - 0.4535
Northeast	576	0.549	0.4959 - 0.6029	0.556	0.5071 - 0.6055
Northwest	574	0.53	0.4768 - 0.5822	0.542	0.492 - 0.5916
Southeast	570	0.577	0.5289 - 0.6249	0.58	0.5306 - 0.6286
Southwest	571	0.502	0.4541 - 0.5493	0.508	0.4605 - 0.555
St. Louis	869	0.356	0.3129 - 0.3983	0.353	0.3097 - 0.3952
<b>GENDER</b>					
Female	2783	0.356	0.3313 - 0.3799	0.358	0.333 - 0.3824
Male	1820	0.539	0.5072 - 0.57	0.54	0.5095 - 0.5706
<b>RACE</b>					
Black	319	0.157	0.1063 - 0.2079	0.156	0.1068 - 0.2059
Other	272	0.269	0.2021 - 0.3349	0.265	0.202 - 0.3283
White	3981	0.483	0.4611 - 0.5047	0.483	0.4607 - 0.5046
<b>EDUCATION</b>					
< HS	549	0.405	0.3436 - 0.467	0.417	0.3506 - 0.4823
HS	1690	0.469	0.4353 - 0.5023	0.468	0.4343 - 0.5025
> HS	2355	0.433	0.4054 - 0.4598	0.431	0.4041 - 0.4582
<b>INCOME</b>					
<\$15,000	604	0.254	0.2073 - 0.3003	0.234	0.1899 - 0.2773
\$15-24,999	875	0.367	0.3237 - 0.4103	0.361	0.3172 - 0.4046
\$25-34,999	646	0.378	0.3271 - 0.4283	0.375	0.3256 - 0.4252
\$35-49,999	759	0.482	0.4346 - 0.5286	0.473	0.4279 - 0.5181
\$50-74,999	661	0.559	0.5071 - 0.6105	0.561	0.5065 - 0.6163
\$75,000+	601	0.529	0.4767 - 0.5817	0.534	0.4775 - 0.5907

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**FIREARMS: FIREARMS LOADED AND UNLOCKED AT HOME**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4572	0.058	0.0487 - 0.0663	0.058	0.0487 - 0.0663
<b>REGION</b>					
Central	559	0.086	0.0587 - 0.1125	0.087	0.0604 - 0.1133
Kansas City	871	0.048	0.0296 - 0.0656	0.048	0.0301 - 0.0661
Northeast	574	0.066	0.0406 - 0.0908	0.066	0.0405 - 0.0923
Northwest	573	0.056	0.0322 - 0.0804	0.056	0.0334 - 0.0781
Southeast	563	0.091	0.0655 - 0.1169	0.092	0.0654 - 0.1179
Southwest	567	0.062	0.041 - 0.0838	0.062	0.0406 - 0.0837
St. Louis	865	0.041	0.0242 - 0.058	0.041	0.024 - 0.0585
<b>GENDER</b>					
Female	2757	0.035	0.026 - 0.044	0.035	0.0258 - 0.0442
Male	1815	0.082	0.0668 - 0.0978	0.083	0.0676 - 0.0985
<b>RACE</b>					
Black	318	0.008	0 - 0.0168	0.008	0 - 0.017
Other	271	0.059	0.0191 - 0.0995	0.056	0.0205 - 0.0914
White	3952	0.062	0.0519 - 0.0711	0.061	0.0514 - 0.071
<b>EDUCATION</b>					
< HS	544	0.048	0.0241 - 0.0723	0.049	0.0202 - 0.0767
HS	1681	0.069	0.0525 - 0.0847	0.069	0.0526 - 0.0855
> HS	2338	0.052	0.041 - 0.0638	0.052	0.0405 - 0.0632
<b>INCOME</b>					
<\$15,000	601	0.05	0.0278 - 0.0728	0.053	0.0275 - 0.0784
\$15-24,999	872	0.049	0.0295 - 0.0683	0.052	0.0306 - 0.073
\$25-34,999	645	0.041	0.0233 - 0.0581	0.04	0.0222 - 0.0579
\$35-49,999	752	0.057	0.038 - 0.0756	0.056	0.037 - 0.0758
\$50-74,999	657	0.076	0.0508 - 0.101	0.089	0.0574 - 0.1201
\$75,000+	595	0.069	0.0426 - 0.0948	0.058	0.0364 - 0.0791

## SECTION 31. VETERAN'S STATUS AMONG MISSOURI ADULTS, 2004

### *Description of BRFSS questions regarding Veteran's Status:*

All respondents were asked if they ever served on active duty in the United States Armed Forces, either in the regular military or in a National Guard or military reserve unit, if they currently were on active duty or in a National Guard or Reserve Unit, and if they received some or all health care from VA facilities in the last 12 months.

### *Summary of Veteran's Status:*

In 2004, 14% of Missouri adults reported ever serving on active duty in the United States Armed Forces. More men (28%) than women (2%) reported serving. Less than one percent are currently on active duty or in a National Guard or reserve unit. Nineteen percent reported receiving some or all health care from VA facilities in the prior 12 months. See the tables below for more detailed information on Veteran's Status reporting in Missouri by region, gender, race, education and income.

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**VETERAN'S STATUS: EVER SERVED ON ACTIVE DUTY IN THE UNITED STATES**  
**ARMED FORCES**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4903	0.1432	0.1301 - 0.1563	0.1402	0.1277 - 0.1528
<b>REGION</b>					
Central	605	0.1458	0.1158 - 0.1758	0.1489	0.1197 - 0.1781
Kansas City	948	0.1569	0.1293 - 0.1845	0.1572	0.1302 - 0.1843
Northeast	612	0.14	0.1079 - 0.1721	0.1324	0.1018 - 0.163
Northwest	610	0.1474	0.1155 - 0.1793	0.1492	0.117 - 0.1813
Southeast	605	0.1496	0.1182 - 0.181	0.1424	0.1136 - 0.1712
Southwest	603	0.1375	0.1075 - 0.1675	0.1313	0.1035 - 0.1592
St. Louis	920	0.1355	0.1071 - 0.1639	0.1334	0.1062 - 0.1606
<b>GENDER</b>					
Female	2946	0.0187	0.0124 - 0.025	0.0188	0.0125 - 0.0251
Male	1957	0.2796	0.2539 - 0.3053	0.286	0.2632 - 0.3087
<b>RACE</b>					
Black	339	0.1293	0.0838 - 0.1748	0.1357	0.0906 - 0.1807
Other	292	0.1286	0.0837 - 0.1735	0.1394	0.0928 - 0.1861
White	4234	0.1459	0.1314 - 0.1604	0.1393	0.1256 - 0.1531
<b>EDUCATION</b>					
< HS	593	0.097	0.0678 - 0.1262	0.0807	0.0542 - 0.1071
HS	1812	0.1598	0.1353 - 0.1843	0.1514	0.1279 - 0.1749
> HS	2485	0.1415	0.1241 - 0.1589	0.1491	0.1322 - 0.1659
<b>INCOME</b>					
<\$15,000	638	0.128	0.0814 - 0.1746	0.116	0.0762 - 0.1558
\$15-24,999	917	0.1623	0.1317 - 0.1929	0.1421	0.1137 - 0.1705
\$25-34,999	684	0.1558	0.1221 - 0.1895	0.1461	0.1144 - 0.1779
\$35-49,999	797	0.1626	0.1308 - 0.1944	0.1756	0.1432 - 0.2079
\$50-74,999	691	0.1202	0.093 - 0.1474	0.1499	0.1156 - 0.1842
\$75,000+	614	0.1511	0.1109 - 0.1913	0.1734	0.1299 - 0.2169

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**VETERAN'S STATUS: CURRENTLY ON ACTIVE DUTY OR IN A NATIONAL**  
**GUARD OR RESERVE UNIT**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4902	0.005	0.0027 - 0.0077	0.005	0.0028 - 0.0079
<b>REGION</b>					
Central	605	0.011	0.0004 - 0.0208	0.011	0.0006 - 0.0222
Kansas City	948	0.005	0 - 0.0113	0.005	0 - 0.0119
Northeast	611	0.007	0 - 0.0141	0.008	0 - 0.0164
Northwest	610	0.016	0.0051 - 0.0275	0.019	0.0061 - 0.0324
Southeast	605	0	0 - 0	0	0 - 0
Southwest	603	0.006	0 - 0.0131	0.005	0 - 0.0117
St. Louis	920	0.003	0 - 0.0073	0.003	0 - 0.0077
<b>GENDER</b>					
Female	2946	0.002	0.0001 - 0.0033	0.002	0.0001 - 0.0036
Male	1956	0.009	0.0039 - 0.0141	0.009	0.0039 - 0.0141
<b>RACE</b>					
Black	339	0.017	0 - 0.0357	0.015	0 - 0.0298
Other	292	0.012	0 - 0.0275	0.01	0 - 0.0231
White	4233	0.004	0.0014 - 0.0058	0.004	0.0016 - 0.0059
<b>EDUCATION</b>					
< HS	592	0	0 - 0	0	0 - 0
HS	1812	0.004	0 - 0.0087	0.005	0 - 0.0094
> HS	2485	0.007	0.0032 - 0.0106	0.007	0.003 - 0.0112
<b>INCOME</b>					
<\$15,000	638	0	0 - 0	0	0 - 0
\$15-24,999	917	0.001	0 - 0.0032	0.002	0 - 0.0036
\$25-34,999	684	0.011	0.0011 - 0.0207	0.011	0.0013 - 0.0213
\$35-49,999	797	0.01	0 - 0.021	0.011	0 - 0.023
\$50-74,999	690	0.003	0 - 0.006	0.002	0 - 0.005
\$75,000+	614	0.005	0.0001 - 0.0103	0.005	0 - 0.0092

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2004**  
**VETERAN'S STATUS: RECEIVED SOME OR ALL HEALTH CARE FROM VA**  
**FACILITIES IN THE PAST 12 MONTHS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	696	0.191	0.1571 - 0.2257	0.149	0.0908 - 0.208
<b>REGION</b>					
Central	96	0.337	0.2309 - 0.4437	0.255	0.1479 - 0.3623
Kansas City	140	0.223	0.1434 - 0.3026	0.23	0.1088 - 0.3515
Northeast	73	0.263	0.1553 - 0.3705	0.263	0.057 - 0.469
Northwest	95	0.267	0.1557 - 0.3783	0.227	0.0902 - 0.3634
Southeast	89	0.224	0.1322 - 0.316	0.177	0.0994 - 0.2554
Southwest	80	0.251	0.1506 - 0.351	0.129	0.0773 - 0.1816
St. Louis	123	0.067	0.0206 - 0.1142	0.033	0.0121 - 0.0544
<b>GENDER</b>					
Female	47		Insuff Data		Insuff Data
Male	649	0.196	0.1597 - 0.2315	0.152	0.0864 - 0.2173
<b>RACE</b>					
Black	36		Insuff Data		Insuff Data
Other	37		Insuff Data		Insuff Data
White	619	0.194	0.1568 - 0.2308	0.15	0.0884 - 0.2123
<b>EDUCATION</b>					
< HS	60	0.457	0.3015 - 0.6119	0.374	0.1501 - 0.5981
HS	280	0.153	0.104 - 0.2028	0.11	0.0475 - 0.1718
> HS	353	0.182	0.1367 - 0.2277	0.129	0.0889 - 0.1684
<b>INCOME</b>					
<\$15,000	69	0.248	0.1204 - 0.3752	0.223	0.0664 - 0.3792
\$15-24,999	140	0.322	0.2255 - 0.4175	0.168	0.1139 - 0.2221
\$25-34,999	113	0.276	0.1791 - 0.3735	0.159	0.0988 - 0.2192
\$35-49,999	136	0.138	0.0735 - 0.2025	0.138	0.0391 - 0.2359
\$50-74,999	99	0.183	0.0888 - 0.2766	0.246	0.1832 - 0.3094
\$75,000+	80	0.037	0 - 0.0805	0.04	0 - 0.0908