

## 2005 BEHAVI ORAL RISK FACTORS OF ARIZONA ADULTS



June 2006


# Janet Napolitano, Governor 

State of Arizona

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## EXECUTIVE SUMMARY

This document reports selected behavioral risk factors and chronic diseases in adults in the State of Arizona for the year 2005. The Annual Survey Results portion of this report contains information on highrisk behaviors and chronic diseases that are surveyed each year. The Module Survey Results portion contains information on high-risk behaviors and chronic diseases that may or may not be surveyed each year. The State-Added Questions Survey Results portion contains information on high-risk behaviors added by request. The Behavioral Risk Factor Surveillance System (BRFSS) program is a rich source of state-level public health data; these data have become integral to health promotion, disease prevention, and intervention planning throughout Arizona.

| Highlights of the 2005 Behavioral Risk Factors Survey |  |  |
| :--- | ---: | ---: |
| Risk Factors | Arizona | National |
| Alcohol: Binge Drinking | 14.5 | 14.4 |
| Arthritis | 26.1 | 26.9 |
| Asthma | 12.2 | 12.6 |
| Cigarette Smoking (Current Smokers) | 20.2 | 20.5 |
| Colorectal Cancer Screening (Age 50+) | 44.0 | $\mathrm{~N} / \mathrm{A}$ |
| Diabetes | 7.5 | 7.3 |
| Folic Acid Awareness | 36.7 | $\mathrm{~N} / \mathrm{A}$ |
| Fruit And Vegetable Consumption (<5 a | 76.3 | 76.8 |
| Day) | 20.9 | 14.5 |
| No Health Care Coverage | 21.1 | 24.4 |
| Obesity (BMI) |  |  |


| Risk Indicator Trends for Arizona 2000-2005 |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Risk Factors | $\mathbf{2 0 0 1}$ | $\mathbf{2 0 0 2}$ | $\mathbf{2 0 0 3}$ | $\mathbf{2 0 0 4}$ | $\mathbf{2 0 0 5}$ |
| Alcohol: Binge Drinking | 16.8 | 17.0 | 16.6 | 15.5 | 14.5 |
| Arthritis | 23.7 | 27.7 | 26.3 | 26.5 | 26.1 |
| Asthma | 12.4 | 13.9 | 12.5 | 12.4 | 12.2 |
| Cigarette Smoking (Current Smokers) | 21.5 | 23.4 | 20.8 | 18.5 | 20.2 |
| Colorectal Cancer Screening (Age 50+) | 50.0 | 51.8 | $\mathrm{~N} / \mathrm{A}$ | 47.9 | 44.0 |
| Diabetes | 6.1 | 6.4 | 6.3 | 6.6 | 7.5 |
| Excess Sun Exposure | $\mathrm{N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ | 32.0 | 35.3 | $\mathrm{~N} / \mathrm{A}$ |
| Folic Acid Awareness | 36.6 | $\mathrm{~N} / \mathrm{A}$ | 43.8 | 37.2 | 36.7 |
| Fruit And Vegetable Consumption (<5 a Day) | 74.5 | 77.3 | 76.9 | 77.9 | 76.3 |
| No Health Care Coverage | 16.9 | 16.1 | 16.7 | 17.9 | 20.9 |
| Obesity (BMI) | 18.5 | 19.6 | 20.1 | 21.2 | 21.1 |
| Oral Health (Not Visited a Dentist in a Year) | 36.3 | 31.3 | $\mathrm{~N} / \mathrm{A}$ | 33.4 | $\mathrm{~N} / \mathrm{A}$ |
| Prostate Cancer Screening (Age 40+) | 42.2 | 36.7 | $\mathrm{~N} / \mathrm{A}$ | 34.5 | $\mathrm{~N} / \mathrm{A}$ |
| Routine Mammography (Age 40+) | 8.3 | 9.8 | $\mathrm{~N} / \mathrm{A}$ | 9.8 | $\mathrm{~N} / \mathrm{A}$ |

## RISK FACTORS/CHRONIC DISEASE TERM GLOSSARY

| Arthritis | Respondents who reported a doctor told them they had arthritis. |
| :---: | :---: |
| Binge Drinking | Respondents who reported having five or more drinks on an occasion, one or more times in the past month. |
| Current Smoking | Respondents who reported smoking 100 cigarettes during their lifetime and who smoke now (regularly or irregularly). |
| Dental Visit | Respondents who reported they had not had a dental visit in the past year. |
| Diabetes | Respondents who reported a doctor told them they had diabetes. |
| Five A Day | Respondents who reported they had not heard of the program "Five A Day for Better Health." |
| Flu Shot | Respondents who reported not receiving a flu shot in the past 12 months. |
| Folic Acid | Respondents $18-44$ years of age who reported a reason other than preventing birth defects as the reason experts recommend that women take folic acid. |
| Fruits/Vegetables | Respondents who reported that they consumed fewer than five servings of fruits and vegetables daily. |
| Health Care Access | Respondents who reported that they did not have health care coverage. |
| HIVIAIDS Testing | Respondents 18-64 years of age who reported that they have not been tested for HIV. |
| Limited Activities | Respondents who reported they were limited in any activities due to any impairment or health problems. |
| Mammography | Female respondents 40 years of age and older who reported that they had never had a mammogram. |
| No Leisure-Time Activity | Respondents who reported that they did not participate in physical activity in the past month outside of normal work-related activities. |
| Obese | Respondents with a Body Mass Index (BMI) of 30.0 to 99.8. BMI is weight in kilograms divided by height in meters squared $\left(\mathrm{W} / \mathrm{H}^{2}\right)$. |
| Overweight | Respondents with a Body Mass Index (BMI) of 25.0 to 29.9. |

## RISK FACTORS/CHRONIC DISEASE TERM GLOSSARY (CONT)

| Pap Smear | Female respondents who reported that they never had a Pap <br> smear test. |
| :--- | :--- |
| Pneumonia Vaccination | Respondents who reported not never receiving a pneumonia <br> vaccination. |
| PSA Blood Test | Male respondents aged 50 years and older who reported that they <br> had not had a Prostate Specific Antigen (PSA) blood test. |
| Respondent | Arizona residents 18 years of age or older. In some cases various <br> subset(s) of this group may be used. |
| Seatbelt | Respondents who reported that they "sometimes", "seldom", or <br> "never" wear seat belts when driving or riding in a car. |

## INTRODUCTION

In 2005, 45,115 Arizona residents died. The table below lists the top 10 causes of death of Arizona residents in $2005 .{ }^{1}$
"Chronic diseases such as heart disease, cancer, and diabetes are the top causes of disability and death in the United States. Each year, chronic diseases claim the lives of more than 1.7 million Americans. These diseases are responsible for 7 of every 10 deaths in the United States. Chronic diseases cause major limitations in daily living for more than 1 of every 10 Americans, or 25 million people. These diseases account for more than 70 percent of the $\$ 1$ trillion spent on health care each year in the United States." ${ }^{2}$

Since 1982, the Arizona Department of Health Services (ADHS) has implemented the Behavioral Risk Factor Surveillance System (BRFSS) through a cooperative agreement with the Centers for Disease Control and Prevention (CDC). The BRFSS is an on-going data collection system for gathering information on adult health-related behaviors of non-institutionalized residents 18 years of age and older. The purpose of the BRFSS is to provide data that can be used to plan, implement, and monitor health promotion and disease prevention efforts in Arizona.

## LEADING CAUSES OF DEATH, ARIZONA 2005

| RANK | CAUSE OF DEATH | NUMBER OF DEATHS | PERCENTAGE OF TOTAL DEATHS | AGE ADJUSTED MORTALITY RATE | AGE ADJUSTED MORTALITY RATE |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Total | Male/Female |
| 1 | Heart Disease | 10,779 | 23.9 | 245.7 | 298.2/203.8 |
| 2 | Malignant Neoplasms - Cancer | 9,673 | 21.4 | 161.8 | 197.1/136.1 |
| 3 | Unintentional Injury | 3,006 | 6.7 | 51.1 | 68.7/34.4 |
| 4 | Chronic Lower Respiratory Disease | 2,778 | 6.2 | 46.8 | 51.3/43.5 |
| 5 | Cerebrovascular Disease | 2.325 | 5.2 | 40.6 | 40.0/40.5 |
| 6 | Alzheimer's Disease | 1,816 | 4.0 | 32.7 | 27.7/35.7 |
| 7 | Influenza and Pneumonia | 1,280 | 2.8 | 22.3 | 26.6/19.2 |
| 8 | Diabetes Mellitus | 1,196 | 2.7 | 20.1 | 24.7/16.7 |
| 9 | Intentional Self-harm - Suicide | 915 | 2.0 | 15.4 | 24.9/6.5 |
| 10 | Chronic Liver Disease \& Cirrhosis | 749 | 1.7 | 12.7 | 17.7/8.1 |

Source: Arizona health status and vital statistics, 2005. * All death rates are age-adjusted to the estimated 2000
U.S. population.

## References

1. Mrela, CK, ARIZONA HEALTH STATUS AND VITAL STATISTICS, 2005. Bureau of Public Health Statistics, Arizona Department of Health Services.
2. CDC. The Burden of Chronic Diseases and Their Risk Factors: National and State Perspectives, February 2004.

## METHODOLOGY

## A. SAMPLING DESIGN

The Arizona BRFSS is a random sample telephone survey, using disproportionate stratified sampling, random digit dialing, and a Computer Assisted Telephone Interviewing (CATI) system. The survey has the potential to represent 96.3 percent of all households in Arizona (i.e., those who have telephones according to Arizona Department of Economic Security data for the year 2000, the latest year available). A sample size of 4,700 interviews over a 12-month period was selected to achieve an acceptable 95 percent confidence interval of $\pm 3$ percent on risk factor prevalence estimates of the adult population. This means that the estimated prevalence of a given risk factor can be reliably projected across the total population of Arizona residents. Prevalence estimates of individual demographic variables, especially those that yield smaller sample sizes, do not achieve the same level of accuracy as the total sample.

A demographic profile of the Arizona population is reported in Appendix I: 2005 Arizona Respondent Profile.

## B. QUESTIONNAIRE

The questionnaire, designed through cooperative agreements with the CDC, was divided into three sections, Core, Optional Modules, and State Added questions. The Core section contained questions on health risk behaviors and demographic information; the next section contained optional modules: Diabetes, Adult Asthma History, Childhood Asthma, Folic Acid, Smoking Cessation, Secondhand Smoke Policy, Arthritis Burden and Arthritis Management. The last section contained State-added questions consisting of: Fruits and Vegetables, Physical Activity, Oral Health, Cardiovascular Disease and Family Planning.

## C. BRFSS PROTOCOL

The ADHS has contracted with a private survey research firm since August 2000 to contact randomly selected Arizona residences from 9 A.M.- 9 P.M. weekdays, from 11 A.M.-7 P.M. Saturdays, and from 11 A.M.-7 P.M. Sundays. All telephone numbers released in each month's sample received at least 15 attempts over a minimum 14 day period, including at least three attempts during weekends, three attempts during weekday evenings; and three attempts during the daytime weekday. Furthermore, selected respondents who were not able to complete the interview at the time of selection received a minimum of 10 callbacks during the interviewing period.

After a residence had been contacted, one adult (18 years of age or older) was randomly selected from all adults residing in the household to be interviewed.

## D. DATA ANALYSIS

The collected data were compiled and weighted by the CDC. Weighted counts were based on the Arizona population to accurately reflect the population demographics. The weighting factor considered the number of adults and telephone lines in the household, cluster size, stratum size, and age/race/sex distribution of the general population. The weighting formula is described in Appendix IV: 2005 BRFSS Weighting Formula.

All analyses presented are based on cell size counts of at least eight cases. The demographic information that was collected and presented in these results includes sex, age, education, household income, race, and ethnicity. Comparisons between responses within demographic categories were analyzed for statistical significance at the alpha $=.05$ level. Throughout the report, statistical difference is noted when analysis provides 95 percent confidence that the categories described are different.

## A. ALCOHOL: BINGE DRINKING

Each year, about 100,000 deaths in the United States are related to alcohol consumption. ${ }^{1}$ Long-term heavy drinking increases risk for high blood pressure, heart rhythm irregularities (arrhythmias), heart muscle disorders (cardiomyopathy), and stroke. Long-term heavy drinking also increases the risk of developing certain forms of cancer, especially of the esophagus, mouth, throat, and larynx. ${ }^{2}$ Alcohol use has been linked with a substantial proportion of injuries and deaths from motor vehicle crashes, falls, fires, and drownings. ${ }^{3}$ Clearly, alcohol consumption is an important public health issue.

## Survey Question:

Considering all types of alcoholic beverages, how many times during the past 30 days did you have 5 or more drinks on one occasion?

The related Healthy People 2010 objective is to reduce the percentage of the population engaging in binge drinking of alcoholic beverages to no more than 6 percent for persons 18 years of age or older. ${ }^{4}$ According to the 2005 Arizona BRFSS, 14.5 percent* of respondents reported having five or more drinks on an occasion, one or more times in the past month.


Figure A-1. 2001-2005 Arizona BRFSS respondents who are at risk for binge drinking. Healthy People 2010 Objective 26.11c is 6.0 percent.

Male respondents were three times more at risk than female respondents for binge drinking (22 percent and 7.3 percent respectively, both decreased from the 2004 rates). There is a general negative relationship between age and risk for binge drinking, the 25-34 year group were most likely to binge drink ( 25.8 percent, an increase over the rate in 2004) and the next highest group was the 18-24 year group ( 25.1 percent, decreasing from the 2004 rate). Respondents that are high school graduates were more likely to binge drink (21.3 percent, increasing from 2004 rate) followed by respondents who had graduated from high school ( 15 percent, a decrease from the 2004 rate). Those with incomes less than $\$ 15,000$ are at greater risk for binge drinking (17.5 percent, increasing from the rate in 2004) followed by those with incomes $\$ 15,000$ to $\$ 24,999$ ( 16.3 percent, a slight decrease over the 2004 rate). Non-White Arizonans were more likely to be at risk for binge drinking ( 16.1 percent) than White respondents (13.9 percent), both showed a decrease from the rates in 2004. Hispanic

[^0]respondents were more likely to be at risk for binge drinking (16.9 percent) than Non-Hispanic Arizonans (13.9 percent), both decreasing from the 2004 rates.

## References

1. McGinnis, J.M., and Foege, W.H. Actual causes of death in the United States. Journal of the American Medical Association 270:2207-2212, 1993.
2. NIAAA. Alcohol and cancer. Alcohol Alert. No. 21. Rockville, MD: NIH, 1993
3. NIAAA. Ninth Special Report to the U.S. Congress on Alcohol and Health From the Secretary of Health and Human Services. NIH Pub. No. 97-4017. Rockville, MD: NIH, 1997.
4. Public Health Service. Healthy People 2010: National Health Promotion and Disease Prevention Objectives--full report with commentary. Washington, DC: U.S. Department of Health and Human Services, 2000.

| Arizona BRFSS: Respondents At Risk For Binge Drinking |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{gathered} 2005 \\ \mathrm{~N}^{*} \end{gathered}$ |
|  | 2004 | 2005 |  |
| Sex |  |  |  |
| Male | 23.4 | 22.0 | 340 |
| Female | 7.8 | 7.3 | 188 |
| Age |  |  |  |
| 18-24 | 26.2 | 25.1 | 49 |
| 25-34 | 23.0 | 25.8 | 120 |
| 35-44 | 20.2 | 14.3 | 111 |
| 45-54 | 11.9 | 10.2 | 103 |
| 55-64 | 8.5 | 7.7 | 81 |
| 65+ | 3.3 | 3.9 | 64 |
| Education |  |  |  |
| Less than High School | 15.4 | 21.3 | 62 |
| High School Graduate/GED | 18.8 | 15.0 | 166 |
| Some College/Tech School | 15.9 | 12.9 | 145 |
| College Grad | 12.5 | 13.1 | 155 |
| Income |  |  |  |
| <\$15,000 | 12.8 | 17.5 | 47 |
| \$15,000-\$24,999 | 16.6 | 16.3 | 95 |
| \$25,000-\$34,999 | 20.0 | 11.0 | 61 |
| \$35,000-\$49,999 | 10.6 | 16.3 | 96 |
| $\geq$ \$50,000 | 17.9 | 15.5 | 179 |
| Race |  |  |  |
| White | 14.7 | 13.9 | 329 |
| Non-White | 17.7 | 16.1 | 194 |
| Ethnicity |  |  |  |
| Hispanic | 17.2 | 16.9 | 160 |
| Non-Hispanic | 15.1 | 13.9 | 366 |

Table A-1. BRFSS results: Respondents at risk for binge drinking. ${ }^{*} \mathrm{~N}$ is unweighted.

## B. ARTHRITIS

Arthritis and other rheumatic conditions are the leading cause of disability in the United States. They encompass more than 100 diseases that affect the joints, the tissues surrounding the joints, and other connective tissue. Arthritis and its related disability are increasing. In 2030, an estimated 71 million Americans will report doctor-diagnosed arthritis. The pain and disability that accompany arthritis can be reduced through early diagnosis and proper management, including weight control, physical activity, and self-management programs that increase people's ability to manage their condition. Nationally, arthritis results in 44 million physician visits and 750,000 hospitalizations annually. The estimated total cost associated with arthritis (including medical care and lost productivity) exceeds $\$ 86$ billion annually. ${ }^{1}$

## Survey Question:

Have you EVER been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?


Figure B-1: 2001-2005 Percentage of Arizona BRFSS respondents reported being told by a doctor that they have arthritis.

Over one-quarter ( 26.1 percent*, a slight decrease from the 2004 rate) of adult Arizonans have been told by a doctor that they have arthritis. More women than men have been told they have arthritis ( 30 percent vs. 22.1 percent). Males saw a slight decrease while females remained about the same over 2004 rates. As expected, there is a positive relationship with regards to age, as age increases so does the percentage of people being told they have arthritis. Those over age 65 were highest ( 57 percent) followed by those $55-64$ years old ( 47.3 percent). Both age groups experienced an increase over the rates in 2004. Respondents with some college or technical school were the most likely to be told they have arthritis ( 31.2 percent, decreasing from the rate in 2004); next were those with a high school education ( 24.6 percent, less than the rate in 2004). Less than one-third of Arizonans with incomes less than $\$ 15,000$ (30.8 percent) reported being told they have arthritis, followed by those earning from $\$ 15,000$ to $\$ 24,999$ with 29.3 percent. These income groups experienced a slight increase from the rates in 2004. Arthritis affected Whites more than Non-White respondents: 31 percent (about the same as in 2004) of White respondents were diagnosed with arthritis compared to 15.1 percent (a slight increase from the 2004 rate) of Non-Whites. Non-Hispanics (slight decrease over the 2004

[^1]rate) were considerably more likely than Hispanics (an increase from the rate in 2004) to be diagnosed with arthritis (29.9 percent and 13.9 percent respectively). Increasing the length of healthy life for all Americans is one of the objectives contained in the Healthy People 2010 program. Life expectancy in the United States continues to show a long-term rising trend, with the most striking increases in the beginning of the 20th century. Yet, even as improvement is made in both the quantity and quality of life, increased longevity is accompanied by increased occurrence of chronic conditions and their related disability and pain. ${ }^{2}$

## References

1. The Burden of Chronic Diseases and Their Risk Factors: National and State Perspectives. CDC. 2004.
2. National Center for Health Statistics Health, United States, 2005 With Chartbook on Trends in the Health of Americans Hyattsville, Maryland: 2005.

| Arizona BRFSS: <br> Respondents Reporting Being Told They Have Arthritis |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{gathered} 2005 \\ \mathrm{~N}^{*} \end{gathered}$ |
|  | 2004 | 2005 |  |
| Sex |  |  |  |
| Male | 23.4 | 22.1 | 497 |
| Female | 29.5 | 30.0 | 1,031 |
| Age |  |  |  |
| 18-24 | 6.9 |  |  |
| 25-34 | 8.2 | 6.0 | 47 |
| 35-44 | 18.4 | 15.2 | 113 |
| 45-54 | 28.6 | 30.3 | 262 |
| 55-64 | 44.0 | 47.3 | 386 |
| 65+ | 55.3 | 57.0 | 715 |
| Education |  |  |  |
| Less than High School | 16.8 | 23.1 | 209 |
| High School Graduate/GED | 30.0 | 24.6 | 421 |
| Some College/Tech School | 33.2 | 31.2 | 491 |
| College Grad | 21.9 | 23.6 | 401 |
| Income |  |  |  |
| <\$15,000 | 29.2 | 30.8 | 215 |
| \$15,000-\$24,999 | 28.6 | 29.3 | 308 |
| \$25,000-\$34,999 | 30.8 | 22.2 | 160 |
| \$35,000-\$49,999 | 26.3 | 28.0 | 215 |
| $\geq$ \$50,000 | 22.8 | 23.1 | 368 |
| Race |  |  |  |
| White | 31.8 | 31.0 | 1,201 |
| Non-White | 14.0 | 15.1 | 302 |
| Ethnicity |  |  |  |
| Hispanic | 12.0 | 13.9 | 227 |
| Non-Hispanic | 30.6 | 29.9 | 1,296 |

Table B-1. BRFSS results: Respondents reporting being told they have arthritis. *= Cell size too small. *N is unweighted.

## C. ASTHMA

Asthma is a chronic disease of the airways that causes persistent and distressing episodes of wheezing, breathlessness, chest tightness, and nighttime or early morning coughing. Asthma can be difficult to diagnose and to distinguish from other respiratory illnesses. ${ }^{1}$

Asthma is a serious and growing health problem. According to estimates, 14.9 million persons in the United States have asthma. Asthma is responsible for around 500,000 hospitalizations, 5,000 deaths, and 134 million restricted activity days annually. Yet, people with asthma can avoid most of the problems caused by asthma if they and their health care providers managed the disease according to accepted guidelines. ${ }^{2}$

Asthma is a complicated disease that requires a long-term and multifaceted answer. This includes educating, treating, and providing continuing medical care and monitoring for people with asthma, changing behaviors that lead to asthma or exacerbates it, and eliminating or avoiding triggers. ${ }^{1}$

## Survey Question:

Have you EVER been told by a doctor, nurse, or other health professional that you had asthma?
According to the 2005 BRFSS, 12.2 percent* of all respondents reported being told that they had asthma.


Figure C-1. Percentage of Arizona BRFSS respondents who reported being told that they had asthma in 2001-2005.

Females were more likely (12.9 percent, slightly less than in 2004) than males (11.5 percent, slightly more than in 2004) to be told they have asthma. Those $25-34$ years old were most likely to be told they have asthma ( 16.6 percent), followed by respondents $45-54$ years of age ( 15.1 percent). Both age groups experiencing an increase over rates in 2004. Respondents with less than a high school education were most likely to be told they have asthma ( 14.6 percent, almost twice the 2004 rate), the next highest group had some college or technical school (13.9 percent, a decrease over the 2004 rate). Respondents with incomes less than $\$ 15,000$ had the highest percentage saying there were told they have asthma ( 14.2 percent), followed by respondents

[^2]earning \$25,000-\$34,999 (13.1 percent). Both groups' rates increased from 2004 rates. White respondents were more likely to be told they have asthma than Non-White respondents (12.8 and 10.7 percent respectively). The rate for Whites decreased, while the Non-White rate increased over rates in 2004. NonHispanics were more likely than Hispanic respondents to be told they have asthma (12.9 percent and 9.8 percent respectively). The Hispanic rate increased and the Non-Hispanic rate decreased from 2004 rates.

## References

1. Asthma: Asthma Speaker's Kit for Health Care Professionals. Retrieved from the Internet May 20, 2004. http://www.cdc.gov/asthma/speakit/intro.ht
2. U.S. Department of Health and Human Services. Healthy People 2010: Understanding and Improving Health. 2nd ed. Washington, DC: U.S. Government Printing Office, November 2000.

| Arizona BRFSS: Respondents Told They Have Asthma |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{gathered} 2005 \\ \mathrm{~N}^{*} \end{gathered}$ |
|  | 2004 | 2005 |  |
| Sex |  |  |  |
| Male | 11.1 | 11.5 | 201 |
| Female | 13.6 | 12.9 | 401 |
| Age |  |  |  |
| 18-24 | 13.6 | 8.9 | 34 |
| 25-34 | 10.1 | 16.6 | 74 |
| 35-44 | 12.0 | 6.7 | 82 |
| 45-54 | 14.2 | 15.1 | 127 |
| 55-64 | 10.7 | 13.5 | 120 |
| 65+ | 13.5 | 11.8 | 165 |
| Education |  |  |  |
| Less than High School | 7.5 | 14.6 | 85 |
| High School Graduate/GED | 10.7 | 8.6 | 144 |
| Some College/Tech School | 14.9 | 13.9 | 198 |
| College Grad | 13.8 | 12.6 | 175 |
| Income |  |  |  |
| <\$15,000 | 13.8 | 14.2 | 84 |
| \$15,000-\$24,999 | 10.9 | 11.1 | 93 |
| \$25,000-\$34,999 | 10.1 | 13.1 | 66 |
| \$35,000-\$49,999 | 14.4 | 10.6 | 98 |
| $\geq$ \$50,000 | 12.5 | 12.9 | 163 |
| Race |  |  |  |
| White | 13.9 | 12.8 | 449 |
| Non-White | 9.0 | 10.7 | 146 |
| Ethnicity |  |  |  |
| Hispanic | 6.7 | 9.8 | 101 |
| Non-Hispanic | 14.0 | 12.9 | 497 |

Table C-1. BRFSS results: Respondents told they had asthma. *N is unweighted.

## D. CHOLESTEROL AWARENESS

The total cholesterol level in a person's blood is a risk factor for heart disease and stroke; the higher the total level, the greater the risk. Blood cholesterol is affected by factors such as diet, physical activity, weight, heredity, age and gender, alcohol use, and stress. High cholesterol is defined as $240 \mathrm{mg} / \mathrm{dL}$ or more. ${ }^{1}$

According to the American Heart Association, "All adults age 20 or older should have a fasting lipoprotein profile (total cholesterol, LDL cholesterol, HDL cholesterol and triglyceride) once every five years." ${ }^{2}$

## Survey Question:

About how long has it been since you last had your blood cholesterol checked?
According to the 2005 BRFSS, 33 percent of all respondents either reported having their cholesterol checked five or more years ago or never having had it checked. This is worse than the Healthy People 2010 objective of no more than 20 percent of people not having their cholesterol checked within the past five years. ${ }^{3}$

$\square<1 \mathrm{yr} \square 1-2 \mathrm{yrs} \square 2-5 \mathrm{yrs} \square 5+\mathrm{yrs} \square \mathrm{Never}$
Figure D-1. Percentage of Arizona BRFSS respondents who reported how long has it been since they had their cholesterol checked in 2005. Healthy People 2010 Objective 12.5 is for no less than 80 percent to have Cholesterol Screening, Within Past Five Years Ages $\geq 18$.

People are considered at risk because either they never had their cholesterol checked or if it was checked five or more years ago. More males were at risk ( 36.7 percent, higher than the rate in 2003) than females ( 29.3 percent, an increase over the rate in 2003). There is a positive relationship with regards to being at risk and age and education. Those 18-24 years old were most at risk ( 68.0 percent, higher than in 2003), followed by respondents $25-34$ years of age ( 55.4 percent, also higher than in 2003). Respondents with less than a high school education were most at risk ( 57.4 percent, an increase over the rate in 2003), the next highest risk group
were respondents with a high college education (41.2 percent, an increase over the 2003 rate). Respondents earning less than $\$ 15,000$ were most at risk (44.4 percent, higher than in 2003), followed by respondents earning \$15,000-\$24,999 (42.9 percent, slightly higher than in 2003). Non-White respondents were more than twice at risk than Non-White respondents (51.4 percent and 25.2 percent respectively). Both races have experienced an increase over the rates in 2003. Hispanics (56.9 percent, higher than in 2003) were more than twice at risk than NonHispanic respondents (26.0 percent, also higher than in 2003).

## References

1. Centers for Disease Control and Prevention. CDC Fact Book 2000/2001. 2000
2. Get Your Cholesterol Checked: How often should I have my cholesterol checked? Retrieved from the Internet May 15, 2004. http://www.americanheart.org/presenter.jht ml?identifier=541
3. U.S. Department of Health and Human Services. Healthy People 2010: Understanding and Improving Health. 2nd ed. Washington, DC: U.S. Government Printing Office, November 2000.

| Arizona BRFSS: Respondents Who Have Not Had Their Cholesterol Checked Within 5 Years Or Never |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{gathered} 2005 \\ \mathrm{~N}^{* *} \end{gathered}$ |
|  | 2003* | 2005 |  |
| Sex |  |  |  |
| Male | 31.1 | 36.7 | 462 |
| Female | 27.7 | 29.3 | 723 |
| Age |  |  |  |
| 18-24 | 64.5 | 68.0 | 139 |
| 25-34 | 47.0 | 55.4 | 323 |
| 35-44 | 30.4 | 41.2 | 289 |
| 45-54 | 23.3 | 16.6 | 190 |
| 55-64 | 8.2 | 12.7 | 111 |
| 65+ | 7.0 | 6.8 | 133 |
| Education |  |  |  |
| Less than High School | 43.0 | 57.4 | 252 |
| High School Graduate/GED | 35.9 | 41.2 | 377 |
| Some College/Tech School | 28.9 | 26.4 | 287 |
| College Grad | 20.0 | 23.6 | 266 |
| Income |  |  |  |
| <\$15,000 | 42.9 | 44.4 | 162 |
| \$15,000-\$24,999 | 42.5 | 42.9 | 277 |
| \$25,000-\$34,999 | 29.4 | 33.1 | 144 |
| \$35,000-\$49,999 | 29.4 | 33.3 | 191 |
| $\geq$ \$50,000 | 20.4 | 24.8 | 246 |
| Race |  |  |  |
| White | 23.5 | 25.2 | 584 |
| Non-White | 44.1 | 51.4 | 589 |
| Ethnicity |  |  |  |
| Hispanic | 46.2 | 56.9 | 495 |
| Non-Hispanic | 25.0 | 26.0 | 685 |

Table D-1. BRFSS results: Respondents Who Have Not Had Their Cholesterol Checked Within 5 Years or never. *Data not available for 2004. ** N is unweighted.

## E. CIGARETTE SMOKING

"Tobacco use is the single most preventable cause of death and disease in the United States. Tobacco use increases the risk for lung and other cancers and for cardiovascular and respiratory diseases. The American Cancer Society estimates that cigarette smoking is responsible for one of every five deaths in the United States, or more than 440,000 deaths each year. If current smoking patterns continue, an estimated 25 million people alive today will die of smoking-related illnesses." ${ }^{11}$
"Direct medical expenditures attributed to smoking total more than $\$ 75$ billion per year. In addition, smoking costs an estimated $\$ 80$ billion per year in lost productivity." ${ }^{2}$ Clearly, smoking is an important public health issue.

## Survey Questions:

Have you smoked at least 100 cigarettes in your entire life?
Do you now smoke cigarettes every day, some days, or not at all?
According to the 2005 Arizona BRFSS, 20.2 percent* of respondents identified themselves as current smokers. Healthy Arizona 2010 has identified tobacco use as one of its 12 focus areas, and has set a target of reducing adult smokers to 14 percent of the state population. ${ }^{3}$ Continued efforts to prevent initial smoking behavior in adolescents, as well as efforts to promote smoking cessation in current smokers using techniques that have documented effectiveness, may decrease the rate of Arizona smokers to meet the Healthy People 2010 target.


Figure E-1. Percentage of Arizona BRFSS respondents who reported that they were current smokers in 2001-2005. Healthy Arizona 2010 Objective 3 is 14.0 percent.

Percentage of male respondents who were smokers exceeded female respondents (21.9 percent and 18.6 percent, respectively). Both increasing from the 2004 prevalence. Respondents 18-24 years old were more likely to smoke ( 25.5 percent, increasing over the 2004 rate) and the next highest were those $25-34$ years old ( 24.2 percent, also increasing over the rate in 2004). Respondents with less than a high school education were more likely to be current smokers ( 27.8 percent) followed by respondents with a high school education (24.3

[^3]percent). Both of these percentages represent an increase from the 2004 rates. Those with incomes less than $\$ 15,000$ were most likely to smoke (41.2 percent, almost double the rate in 2004) followed by those making \$15,000-\$24,999 (26.6 percent, increasing from the 2004 rate). NonWhite Arizonans were more likely to be current smokers (21.5 percent, increasing over the rate in 2004) than White respondents (19.8 percent, remaining the same as in 2004). Hispanics were more likely to be smokers (21.2 percent, an increase from the 2004 rate) than Non-Hispanic Arizonans (20.1 percent, the same as in 2004)

## References

1. The Burden of Chronic Diseases and Their Risk Factors: National and State Perspectives. CDC. 2004.
2. Centers for Disease Control and Prevention. The Power of Prevention: Reducing The Health And Economic Burden Of Chronic Disease. 2003.
3. Arizona Department of Health Services. Healthy Arizona 2010: Collaborating for a Healthier Future. Phoenix, AZ 2001.

| Arizona BRFSS:Respondents Who Are Current Smokers |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{gathered} 2005 \\ \mathrm{~N}^{*} \end{gathered}$ |
|  | 2004 | 2005 |  |
| Sex |  |  |  |
| Male | 18.5 | 21.9 | 361 |
| Female | 17.8 | 18.6 | 473 |
| Age |  |  |  |
| 18-24 | 21.7 | 25.5 | 53 |
| 25-34 | 19.4 | 24.2 | 140 |
| 35-44 | 23.8 | 21.6 | 144 |
| 45-54 | 20.3 | 20.3 | 190 |
| 55-64 | 19.2 | 20.3 | 170 |
| 65+ | 7.9 | 10.2 | 137 |
| Education |  |  |  |
| Less than High School | 18.8 | 27.8 | 126 |
| High School Graduate/GED | 22.8 | 24.3 | 270 |
| Some College/Tech School | 23.9 | 23.2 | 262 |
| College Grad | 10.1 | 10.9 | 175 |
| Income |  |  |  |
| <\$15,000 | 21.1 | 41.2 | 125 |
| \$15,000-\$24,999 | 23.3 | 26.6 | 185 |
| \$25,000-\$34,999 | 20.4 | 22.4 | 122 |
| \$35,000-\$49,999 | 19.5 | 19.2 | 126 |
| $\geq \$ 50,000$ | 14.6 | 14.1 | 178 |
| Race |  |  |  |
| White | 19.8 | 19.8 | 581 |
| Non-White | 15.2 | 21.5 | 244 |
| Ethnicity |  |  |  |
| Hispanic | 13.2 | 21.2 | 190 |
| Non-Hispanic | 20.1 | 20.1 | 641 |

Table E-1. BRFSS results: Respondents who reported that they are current smokers and have smoked at least 100 cigarettes in their life. *N is unweighted.

## F. COLORECTAL CANCER SCREENING

Colorectal cancer is the second leading cause of cancer-related deaths in the United States, accounting for 10 percent of all cancer deaths. According to estimates from the American Cancer Society 56,700 Americans will die of colorectal cancer in 2005. ${ }^{1}$

With age comes an increasing risk of developing colorectal cancer. People at least 50 years old, those who suffer from inflammatory bowel disease, are overweight or physically inactive, and those who have a personal or family history of colorectal polyps or colorectal cancer have a higher risk. Additionally, low fruit and vegetable consumption, a diet low in fiber, alcohol consumption, and tobacco use may contribute to the risk for colorectal cancer. ${ }^{1}$

Fecal occult blood test, flexible sigmoidoscopy and colonoscopy are utilized regularly to detect colorectal cancer in its earliest stages, when treatment is most likely to be effective. Regular colorectal cancer screening, as recommended by the U.S. Preventive Services Task Force, can reduce the number of deaths from this disease by at least 30 percent. In 2001, 44 percent of Americans at least 50 years of age reported ever having had a fecal occult blood test and 47 percent reported ever having had a sigmoidoscopy or colonoscopy. ${ }^{1}$

## Survey Question:

Sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the colon for signs of cancer or other health problems. Have you EVER had either of these exams?

Respondents who were at least 50 years of age were surveyed on whether they had ever had a sigmoidoscopy and colonoscopy. Forty-four percent* responded that they have not had a sigmoidoscopy or colonoscopy (Figure F-1).


Figure F-1. Responses to the Arizona BRFSS question: Have you ever had a sigmoidoscopy or colonoscopy?

Women had a higher percentage than men who have never had either a sigmoidoscopy or colonoscopy ( 48.8 percent and 38.4 percent respectively). However, the rate for males decreased, while the rate for females increased in compared to the 2004 rate. Having either of these exams is positively associated with age. Respondents in the younger age groups were less likely to have had a sigmoidoscopy or colonoscopy ( 63.3 percent of those $50-54$ years of age followed by 47.7 percent

[^4]of those 55-64 years). All age groups experienced a decrease from their respective prevalence in 2004. Arizonans with less than a high school education were least likely (55.6 percent, a reduction over the 2004 rate) followed by those with some college or technical school (47.1 percent, which is less than in 2004 ) to have had either of these exams. Respondents with an income level less than \$15,000 were less likely to have had a sigmoidoscopy or colonoscopy (49.4 percent, a slight increase over the 2004 rate) followed by respondents with incomes of \$15,000\$24,999 (47.4 percent, a decrease from the rate in 2004). Whether a respondent had either of these exams differed significantly by race and ethnicity. Non-White respondents were more likely not to have the tests than Whites (60.2 percent versus 41.7 percent). Both groups experienced a decrease over the 2004 rates. Hispanics were more likely not to have the tests than Non-Hispanics (62.4 percent versus 42.2 percent). Both decreased from the rates in 2004.

## References

1. The Burden of Chronic Diseases and Their Risk Factors: National and State Perspectives. CDC. 2004.

| Arizona BRFSS: <br> Respondents Who Have Not Had A Sigmoidoscopy Or Colonoscopy |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{gathered} 2005 \\ \mathrm{~N}^{*} \end{gathered}$ |
|  | 2004 | 2005 |  |
| Sex |  |  |  |
| Male | 49.1 | 38.4 | 396 |
| Female | 46.9 | 48.8 | 718 |
| Age |  |  |  |
| 50-54 | 67.9 | 63.3 | 272 |
| 55-64 | 54.0 | 47.7 | 387 |
| 65+ | 34.4 | 32.2 | 455 |
| Education |  |  |  |
| Less than High School | 64.8 | 55.6 | 163 |
| High School Graduate/GED | 48.4 | 42.4 | 320 |
| Some College/Tech School | 50.2 | 47.1 | 343 |
| College Grad | 41.3 | 39.2 | 285 |
| Income |  |  |  |
| <\$15,000 | 48.9 | 49.4 | 147 |
| \$15,000-\$24,999 | 54.5 | 47.4 | 228 |
| \$25,000-\$34,999 | 44.7 | 42.6 | 120 |
| \$35,000-\$49,999 | 49.4 | 40.7 | 162 |
| $\geq \$ 50,000$ | 47.7 | 45.2 | 263 |
| Race |  |  |  |
| White | 45.6 | 41.7 | 823 |
| Non-White | 61.8 | 60.2 | 275 |
| Ethnicity |  |  |  |
| Hispanic | 65.5 | 62.4 | 209 |
| Non-Hispanic | 45.9 | 42.2 | 895 |

Table F-1. BRFSS survey results: Respondents over age 50 who have not had a sigmoidoscopy or colonoscopy. $\mathrm{N} / \mathrm{A}=$ Not applicable. ${ }^{*}=$ Cell size too small. ${ }^{*} \mathrm{~N}$ is unweighted.

## G. DIABETES

Currently, 17 million Americans have diabetes, and over 200,000 people die each year of related complications. Diabetes can cause heart disease, stroke, blindness, kidney failure, leg and foot amputations, pregnancy complications, and deaths related to flu and pneumonia. Particularly at risk are the 5.9 million Americans who are unaware that they have the disease. ${ }^{1}$
"Early detection, improved delivery of care, and better self-management are key strategies for preventing much of the burden of diabetes. Type 2 diabetes, formerly considered "adult onset" diabetes, is now being diagnosed more frequently among children and adolescents. This type of diabetes is linked to two modifiable risk factors: obesity and physical inactivity." ${ }^{2}$

## Survey Question:

Have you EVER been told by a doctor that you have diabetes?
According to the 2005 BRFSS, 7.5 percent* of all respondents reported being told by a doctor they had diabetes. This percentage, shown in Figure G-1, represents an increase from 2004. The figure continues to exceed the Healthy People 2010 Objective No. 5.3 for diabetes incidence of 4 percent. ${ }^{3}$


Figure G-1. Percentage of Arizona BRFSS respondents who reported that they were told they had diabetes in 2001-2005. Healthy People 2010 Objective is 4.0 percent.

Males were more likely ( 8.7 percent) than females ( 6.3 percent) to be told they have diabetes. Both genders experienced an increase from the rates in 2004. There is a positive relationship between age and the percentage of respondents being told they have diabetes. The age group $65+$ were most likely to be told they have diabetes ( 15.8 percent, a decrease from the 2004 rate), followed by the $55-64$ age group ( 10.8 percent, increasing from the rate in 2004). Respondents with less than a high school education were most likely to be told they have diabetes ( 9.4 percent, less than in 2004); the next highest group were respondents who had some college or technical school ( 8.6 percent, higher than in 2004). Respondents earning less than $\$ 15,000$ had the highest percentage saying they were told they have diabetes (12.2 percent), followed by respondents earning $\$ 25,000-\$ 34,999$ (11.3 percent). Both income groups experienced an increase from the 2004 rates. Non-White respondents were slightly

[^5]more likely to be told they have diabetes than White respondents (7.6 percent and 7.3 percent respectively). Non-Hispanics were as likely as Hispanic respondents to be told they have diabetes ( 7.4 percent). The rates for both races and ethnic groups were higher in 2005 than in 2004.

## References

1. Centers for Disease Control and Prevention. Diabetes: Disabling, Deadly, and on the Rise. 2002
2. U.S. Department of Health and Human Services. The Burden of Chronic Diseases and Their Risk Factors: National and State Perspectives, February 2002.
3. U.S. Department of Health and Human Services. Healthy People 2010: Understanding and Improving Health. 2nd ed. Washington, DC: U.S. Government Printing Office, November 2000.

| Arizona BRFSS: Respondents Told They Have Diabetes |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{gathered} 2005 \\ \mathrm{~N}^{*} \end{gathered}$ |
|  | 2004 | 2005 |  |
| Sex |  |  |  |
| Male | 7.2 | 8.7 | 196 |
| Female | 6.1 | 6.3 | 265 |
| Age |  |  |  |
| 18-24 | * | * | 1 |
| 25-34 | 1.4 | 3.4 | 11 |
| 35-44 | 4.6 | 6.9 | 40 |
| 45-54 | 8.1 | 7.2 | 77 |
| 55-64 | 8.6 | 10.9 | 111 |
| 65+ | 16.1 | 15.8 | 221 |
| Education |  |  |  |
| Less than High School | 10.5 | 9.4 | 101 |
| High School Graduate/GED | 5.5 | 7.8 | 139 |
| Some College/Tech School | 6.6 | 8.6 | 127 |
| College Grad | 6.0 | 5.3 | 93 |
| Income |  |  |  |
| <\$15,000 | 7.9 | 12.2 | 96 |
| \$15,000-\$24,999 | 8.8 | 9.8 | 92 |
| \$25,000-\$34,999 | 7.5 | 11.3 | 66 |
| \$35,000-\$49,999 | 6.3 | 6.1 | 51 |
| $\geq$ 550,000 | 3.7 | 5.3 | 88 |
| Race |  |  |  |
| White | 6.6 | 7.3 | 272 |
| Non-White | 6.8 | 7.6 | 178 |
| Ethnicity |  |  |  |
| Hispanic | 6.5 | 7.4 | 134 |
| Non-Hispanic | 6.7 | 7.4 | 323 |

Table G-1. BRFSS results: Respondents told they had diabetes. ${ }^{*}=$ Cell size too small. ${ }^{*} \mathrm{~N}$ is unweighted.

## H. FOLIC ACID AWARENESS

Each year in the United States, approximately 4000 pregnancies are affected by neural tube defects (NTDs). ${ }^{1}$ Studies have shown that up to 50 percent of neural tube defects (NTDs) such as spina bifida and anencephaly may be preventable through adequate intake of folic acid. ${ }^{2}$ Folic acid is a B vitamin that helps form red blood cells and has been found to reduce the risks of certain types of birth defects, cancer, and cardiovascular disease. While folic acid is important for everyone's health, it is especially vital for women of childbearing age. The United States Public Health Service recommends that all women of childbearing age in the United States who are capable of becoming pregnant should consume 400 micrograms ( mcg ) of folic acid per day for the purpose of reducing their risk of having a pregnancy affected with a neural tube defect. ${ }^{3}$

## Survey Question:

Some health experts recommend that women take 400 micrograms of the $B$-vitamin folic acid every day. They recommend this for which one of the following reasons?

Healthy Arizona 2010 has set an objective of increasing to 80 percent the proportion of pregnancies begun with an optimum folic acid intake ( 400 mcg ).


Figure H-1. Percentage of BRFS female respondents (18-44 years old) who did not report that folic acid prevents birth defects in 2001-2005. Question was not used in 2002.

Results from the 2005 BRFS showed that 36.7 percent of women aged 18-44 did not know that folic acid might prevent birth defects (Figure H-1). Respondents in the 18-24 age group were least likely to know of folic acid's benefits in reducing birth defects (39.7 percent, increasing from the 2004 rate) followed by the 35-44 age group ( 38.8 percent, decreasing from the rate in 2004). A positive relationship appears to exist between education and knowing folic acid benefits. Women with less than a high school education were less likely to know of folic acid benefits in preventing NTDs ( 60.1 percent, higher than in 2004), next were those with a high school education ( 42.5 percent, lower than in 2004). Respondents with incomes of $\$ 15,000-\$ 24,999$ were least likely to know about these benefits ( 50.9 percent, increasing over the 2004 rate) followed by Arizonans making less than $\$ 15,000$ (44.4 percent, decreasing from the rate in 2004). A closer look at those respondents who reported not knowing that folic acid may prevent birth defects (Table H-1) illustrates that awareness differed among race and ethnic groups. Non-Whites were less aware of this benefit (44.2 percent, higher than in 2004),
compared to 30.7 percent of NonWhites, lower than in 2004; Forty-four point six percent of Hispanics were unaware of folic acid's protective effects compared to 32.6 percent of Non-Hispanics. These results suggest a continuing need to inform Arizona residents about folic acid and the role it plays in producing healthy babies.

## References

1. Centers for Disease Control and Prevention. CDC Surveillance Summaries, August 8, 1997. MMWR 1997; 46 (No. 31).
2. Rayburn WF, Stanley JR, Garrett ME. Periconceptional folate intake and neural tube defects. Journal of the American College of Nutrition 15(2): 121-5, 1996.
3. Centers for Disease Control and Prevention. CDC Surveillance Summaries, April 30, 1999. MMWR 1999; 48 (No. 16).

| Arizona BRFS: Prevalence Of Women (18-44) Who Did Not Know That Folic Acid Prevented Birth Defects |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{gathered} 2005 \\ N^{*} \end{gathered}$ |
|  | 2004 | 2005 |  |
| Sex |  |  |  |
| Male | N/A | N/A | N/A |
| Female | 37.2 | 36.7 | 280 |
| Age |  |  |  |
| 18-24 | 37.7 | 39.7 | 39 |
| 25-34 | 30.5 | 32.1 | 98 |
| 35-44 | 43.0 | 38.8 | 137 |
| 45-54 | N/A | N/A | N/A |
| 55-64 | N/A | N/A | N/A |
| 65+ | N/A | N/A | N/A |
| Education |  |  |  |
| Less than High School | 41.1 | 60.1 | 46 |
| High School Graduate/GED | 48.1 | 42.5 | 98 |
| Some College/Tech School | 36.3 | 31.5 | 70 |
| College Grad | 28.6 | 27.5 | 65 |
| Income |  |  |  |
| <\$15,000 | 55.3 | 44.4 | 32 |
| \$15,000-\$24,999 | 39.1 | 50.9 | 67 |
| \$25,000-\$34,999 | 34.1 | 38.7 | 39 |
| \$35,000-\$49,999 | 51.9 | 25.0 | 38 |
| $\geq$ \$50,000 | 25.6 | 28.2 | 69 |
| Race |  |  |  |
| White | 34.6 | 30.7 | 121 |
| Non-White | 40.2 | 44.2 | 156 |
| Ethnicity |  |  |  |
| Hispanic | 33.3 | 44.6 | 116 |
| Non-Hispanic | 39.1 | 32.6 | 163 |

Table H-1. BRFS survey results: Prevalence of women (1844) who did not know that folic acid prevented birth defects. N/A =Not applicable. ${ }^{*} \mathrm{~N}$ is unweighted.

## I. FRUIT AND VEGETABLE CONSUMPTION

Good nutrition, including a diet low in saturated fats and at least five servings of fruits and vegetables each day, plays a key role in maintaining good health. Improving the American diet could extend the productive life span of Americans and reduce the occurrence of chronic diseases, including heart disease, stroke, some types of cancers, diabetes, and osteoporosis. ${ }^{1}$

It has been known for many years that diet plays a large role in the quality of long-term health. Among adults who do not drink excessively or smoke, diet is the most significant controllable risk factor that determines their health status. It is widely accepted that a significant percentage of all cancer deaths can be attributed to poor dietary habits.

One of the most important dietary habits is the consumption of at least five servings of fruits and vegetables per day. Analysis of the 2005 Arizona BRFSS showed that 76.3 percent of respondents reported that they consume less than five servings of fruits and vegetables per day (Figure l-1). This falls short of Healthy Arizona 2010 Objective 2.1, which sets a target of increasing the proportion of Arizonans aged two years and older who consume at least two daily servings of fruit and at least three daily servings of vegetables (with at least one-third being dark green or deep yellow vegetables) to at least 50 percent. ${ }^{2}$

## Survey Questions:

How often do you drink fruit juices such as orange, grapefruit, or tomato?
How often do you eat (fruit, green salad, potatoes, carrots)?
Not counting carrots, potatoes, or salad, how many servings of vegetables do you usually eat?


Figure l-1. Percentage of Arizona BRFSS respondents who reported consuming less than five servings of fruits and vegetables per day in 2001-2005.

Males ( 80.9 percent, an improvement from the 2004 rate) were much less likely to consume less than five servings of fruits and vegetables per day than females ( 71.8 percent, a slight increase over the rate in 2004). Respondents 35-44 years old were least likely to eat five or more servings of fruits and vegetables ( 80.8 percent, increasing from the 2004 rate) followed by persons 18-24 years (80.1 percent, a decrease over the 2004 rate). High school graduates were less likely ( 81.1 percent) to eat at least five servings of fruits and vegetables followed by those with less than a high school education ( 79.0 percent). Both of these categories experienced a decrease from the 2004 rates. Arizonans making \$35,000-\$49,999 had the
highest percentage of people who did not eat five or more servings of fruits and vegetables (77.6 percent) followed by respondents making less than \$15,000 (76.9 percent). The percentages for both income groups decreased over the rates in 2004. Non-White respondents were less likely to eat five servings each day (78.4 percent, about the same as in 2004) than White respondents (75.7 percent, decreasing from the previous year). Hispanics ( 79.3 percent) were less likely to eat five or more servings of fruits and vegetables than NonHispanics (75.6 percent). The percentages for both ethnic groups improved over the 2004 rates.

## References

1. The Burden of Chronic Diseases and Their Risk Factors: National and State Perspectives. CDC. 2004.
2. Department of Health Services. Arizona 2010: Collaborating for a Healthier Future. 2001.

| Arizona BRFSS: Respondents Consuming Less Than Five Servings Of Fruits And Vegetables Per Day |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{gathered} 2005 \\ N^{*} \end{gathered}$ |
|  | 2004 | 2005 |  |
| Sex |  |  |  |
| Male | 85.9 | 80.9 | 1,355 |
| Female | 70.2 | 71.8 | 2,042 |
| Age |  |  |  |
| 18-24 | 86.1 | 80.1 | 170 |
| 25-34 | 82.2 | 77.6 | 443 |
| 35-44 | 76.5 | 80.8 | 591 |
| 45-54 | 78.6 | 79.3 | 660 |
| 55-64 | 75.3 | 71.3 | 612 |
| 65+ | 69.4 | 67.8 | 921 |
| Education |  |  |  |
| Less than High School | 82.8 | 79.0 | 451 |
| High School Graduate/GED | 83.3 | 81.1 | 997 |
| Some College/Tech School | 77.1 | 74.5 | 1,009 |
| College Grad | 71.7 | 72.8 | 934 |
| Income |  |  |  |
| <\$15,000 | 78.5 | 76.9 | 363 |
| \$15,000-\$24,999 | 77.5 | 74.8 | 989 |
| \$25,000-\$34,999 | 74.3 | 74.8 | 408 |
| \$35,000-\$49,999 | 78.1 | 77.6 | 548 |
| $\geq$ \$50,000 | 77.0 | 74.5 | 936 |
| Race |  |  |  |
| White | 77.7 | 75.7 | 2,281 |
| Non-White | 78.1 | 78.4 | 1,072 |
| Ethnicity |  |  |  |
| Hispanic | 79.8 | 79.3 | 849 |
| Non-Hispanic | 77.3 | 75.6 | 2,527 |

Table I-1. BRFSS survey results: Respondents who reported consuming less than five servings of fruits and vegetables per day. *N is unweighted.

## J. HEALTH CARE ACCESS

Uninsured people are less likely than people with health insurance to have a primary care provider; to have received appropriate preventive care, such as current mammograms; or to have had recent medical visits. Lack of insurance also affects access to care for relatively serious medical conditions. Evidence suggests that the risk of premature death increases considerably for people without health insurance over an extended period and that death rates of hospitalized patients without health insurance are significantly higher than among patients with insurance. ${ }^{1}$

In 2005, 20.9 percent* of Arizonans reported they did not currently have health care coverage (Figure J-1). This is the third straight increase since 2003. Improving access to health care is a Healthy People 2010 objective, an initiative which sets a goal of increasing the proportion of adults with health insurance to 100 percent. ${ }^{1}$ There is also a Healthy Arizona 2010 objective, with a goal of increasing the percentage of persons with health care coverage to 90 percent. ${ }^{3}$

## Survey Question:

Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs, or government plans such as Medicare?


Figure J-1. Percentage of Arizona BRFSS respondents who reported they did not have health coverage in 2001-2005.

Males (24.1 percent) were more likely than females (17.8 percent) to lack health care coverage. Both genders experiencing an increase in 2005 from 2004. Differences in health care coverage were discernible among age, education, income, race and ethnicity categories (Table J-1). As age increases, the percentage of respondents with health care coverage increases. Respondents aged 18-24 (39.8 percent) and 25-34 (29.2 percent), were least likely to have coverage. Rates for all age groups increased from the 2004 rates. Arizonans with less education were more likely to lack health care coverage. Respondents with less than a high school education ( 48.8 percent, a considerable increase over the 2004 rate) were significantly less likely to have coverage than the other educational levels. All levels of education experienced increases in 2005 from 2004 rates. Respondents earning less than \$15,000$\$ 24,999$ were the least likely to have health care coverage ( 39.4 percent, increasing over the

[^6]rate in 2004) followed by those earning less than \$15,000 (38.9 percent, decreasing from 2004). Significant differences were also found between race and ethnic groups. While 44.2 percent (higher than in 2004) of Non-Whites lacked health care coverage, only 10.5 percent (essentially unchanged from 2004 rates) of White respondents did not have coverage. Similarly, 48.5 percent of Hispanics were not covered by health care insurance while only 12.4 percent of Non-Hispanics lacked coverage. For both ethnic groups the rates increased from 2004.

## References

1. U.S. Department of Health and Human Services. Healthy People 2010: Understanding and Improving Health. 2nd ed. Washington, DC: U.S. Government Printing Office, November 2000.
2. Arizona Department of Health Services. Healthy Arizona 2010: Collaborating For A Healthier Future, March 2001.

| Arizona BRFSS: Respondents Without Health Care Coverage |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{gathered} 2005 \\ N^{*} \end{gathered}$ |
|  | 2004 | 2005 |  |
| Sex |  |  |  |
| Male | 20.2 | 24.1 | 297 |
| Female | 15.6 | 17.8 | 453 |
| Age |  |  |  |
| 18-24 | 33.5 | 39.8 | 69 |
| 25-34 | 27.9 | 29.2 | 151 |
| 35-44 | 17.8 | 26.7 | 171 |
| 45-54 | 15.5 | 17.2 | 177 |
| 55-64 | 13.3 | 13.6 | 146 |
| 65+ | 1.3 | 1.6 | 36 |
| Education |  |  |  |
| Less than High School | 37.4 | 48.8 | 178 |
| High School Graduate/GED | 21.5 | 26.3 | 254 |
| Some College/Tech School | 14.2 | 16.1 | 179 |
| College Grad | 9.4 | 10.0 | 138 |
| Income |  |  |  |
| <\$15,000 | 44.1 | 38.9 | 132 |
| \$15,000-\$24,999 | 28.1 | 39.4 | 232 |
| \$25,000-\$34,999 | 20.7 | 26.4 | 98 |
| \$35,000-\$49,999 | 6.7 | 17.5 | 86 |
| $\geq \$ 50,000$ | 5.8 | 8.0 | 96 |
| Race |  |  |  |
| White | 10.4 | 10.5 | 305 |
| Non-White | 35.4 | 44.2 | 436 |
| Ethnicity |  |  |  |
| Hispanic | 39.2 | 48.5 | 352 |
| Non-Hispanic | 11.8 | 12.4 | 394 |

Table J-1. BRFSS results: Arizona respondents with no health care coverage. ${ }^{*} \mathrm{~N}$ is unweighted

## K. HYPERTENSION AWARENESS

High blood pressure is a major changeable risk factor for heart disease and stroke. Every adult needs to know that having their blood pressure checked on a regular basis is an significant initial step in identifying and controlling high blood pressure. ${ }^{1}$
"High blood pressure is known as the 'silent killer' and remains a major risk factor for CHD, stroke, and heart failure. About 50 million adults in the United States have high blood pressure. High blood pressure also is more common in older persons. Comparing the 1976-80 National Health and Nutrition Examination Survey (NHANES II) and the 1988-91 survey (NHANES III, phase 1) reveals an increase from 51 to 73 percent in the proportion of persons who were aware that they had high blood pressure. Nevertheless, a large proportion of persons with high blood pressure still are unaware that they have this disorder." ${ }^{2}$

## Survey Question:

Have you EVER been told by a doctor, nurse, or other health professional that you have high blood pressure?


Figure K-1. Percentage of Arizona BRFSS respondents who reported that they were told they had high blood pressure in 2005. Healthy People 2010 Objective 12.9 is to reduce proportion of adults with high blood pressure to no more than 16 percent.

According to the 2005 BRFSS, 22.3 percent* of all respondents reported being told by a doctor they had high blood pressure. In addition, 1.1 percent were told during their pregnancy and 0.8 percent were told they were borderline high or pre-hypertensive.

Males were more likely (22.6 percent, lower than in 2004) than females (22.1 percent, higher than in 2004) to be told they have high blood pressure. There is a general direct relationship between age and the percentage of respondents being told they have high blood pressure; as age increases so does the percentage of respondents who report being told they have high blood pressure. Respondents 65 years and older were most likely to be told they have high blood pressure ( 52.2 percent, an increase over the 2004 rate), followed by those $55-64$ years old ( 36.0 percent, decreasing from the rate in 2004). Respondents with a high school education were most likely to be told they have high blood pressure ( 25.4 percent, lower than in 2004); the

[^7]next highest group were respondents with some college or technical school (24.4 percent, higher than in 2004). Respondents earning less than \$15,000-\$24,999 had the highest percentage saying there were told they have high blood pressure (28.8 percent, increasing from the 2004 rate), followed by those earning \$25,000-\$34,999 (25.3 percent, decreasing from the rate in 2004). Among White Arizonans, the rate of 25.3 percent in 2005 was higher than the rate in 2004. Among Non-Whites, their rate was lower in 2005 than in 2004. Non-Hispanics were more likely than Hispanic respondents to be told they have high blood pressure (24.7 percent and 14.5 percent respectively). Non-Hispanics increased while Hispanics' rate decreased in 2005 from 2004.

## References

1. The Burden of Chronic Diseases and Their Risk Factors: National and State Perspectives. CDC. 2004.
2. U.S. Department of Health and Human Services. Healthy People 2010: Understanding and Improving Health. 2nd ed. Washington, DC: U.S. Government Printing Office, November 2000.

| Arizona BRFSS: Respondents Told They Have High Blood Pressure |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{aligned} & 2005 \\ & \mathrm{~N}^{* *} \end{aligned}$ |
|  | 2003* | 2005 |  |
| Sex |  |  |  |
| Male | 25.1 | 22.6 | 540 |
| Female | 20.2 | 22.1 | 886 |
| Age |  |  |  |
| 18-24 | 6.2 | 2.4 | 13 |
| 25-34 | 11.7 | 8.5 | 47 |
| 35-44 | 10.7 | 13.0 | 100 |
| 45-54 | 19.1 | 22.8 | 230 |
| 55-64 | 37.0 | 36.0 | 329 |
| 65+ | 51.6 | 52.2 | 707 |
| Education |  |  |  |
| Less than High School | 25.5 | 19.9 | 203 |
| High School Graduate/GED | 27.9 | 25.4 | 434 |
| Some College/Tech School | 22.1 | 24.4 | 422 |
| College Grad | 17.6 | 18.7 | 362 |
| Income |  |  |  |
| <\$15,000 | 21.7 | 25.1 | 196 |
| \$15,000-\$24,999 | 27.1 | 28.8 | 299 |
| \$25,000-\$34,999 | 27.4 | 25.3 | 166 |
| \$35,000-\$49,999 | 21.5 | 22.0 | 187 |
| $\geq$ \$50,000 | 19.3 | 17.6 | 313 |
| Race |  |  |  |
| White | 24.0 | 25.3 | 1,034 |
| Non-White | 19.5 | 15.6 | 363 |
| Ethnicity |  |  |  |
| Hispanic | 18.2 | 14.5 | 276 |
| Non-Hispanic | 23.9 | 24.7 | 1,135 |

Table K-1. BRFSS results: Respondents told they had high blood pressure. *Data not available for 2004. ${ }^{* *} \mathrm{~N}$ is unweighted

## L. OBESITY (BMI)

Obesity has attained epidemic magnitude in the United States, where it has more than doubled in the past two decades. People who are overweight or obese are at greater risk for heart disease, high blood pressure, diabetes, arthritis-related disabilities, and some cancers. ${ }^{1}$

According to the most recent weight guidance, more than 57 percent of adults in America were overweight by self-reported height and weight in 2000. ${ }^{1}$ The body mass index (BMI) is a relationship between weight and height and is used to determine obesity and assess health risk. BMI is calculated using the following formula: (pounds * 0.454 ) $\div$ (inches * 0.0254$)^{2}$ or $\left(\mathrm{Kg} / \mathrm{M}^{2}\right)$.

According to the 2005 Arizona BRFSS, 21.1 percent* of respondents met or exceeded the BMI standard for obesity, defined as a BMI $\geq 30.0$ (Figure L-1). Healthy People 2010 Objective 19.2 set a goal of reducing obesity to a prevalence of <15 percent among adults 20 years of age or older. ${ }^{3}$

## Survey Questions:

About how much do you weigh without shoes?
About how tall are you without shoes?


Figure L-1. Arizona BRFSS respondents who reported weights exceeding BMI limits of obesity. Healthy People 2010 Objective 19.2 is less than 15.0 percent 2001-2005.

In 2005, men were more likely to be obese (21.6 percent, lower than in 2004) than women (20.6 percent, slightly higher than in 2004). Respondents in the 45-54 age group were the most likely to be obese ( 26.8 percent) while those $35-44$ years of age were the next most likely ( 24.5 percent). Both groups experienced an increase in 2005 from 2004. Those with some college or technical school were most likely to be obese ( 24.8 percent, slight increase over the rate in 2004) and the next highest group were respondents with a high school education ( 21.5 percent, decreasing from the 2004 rate). The group most likely to be obese were those with incomes \$15,000-\$24,999 (24.7 percent, higher than in 2004) with the least likely occurring among Arizonans with incomes less than $\$ 15,000$ (19.9 percent, slightly higher than in 2004). NonWhites were more likely to be obese ( 24.2 percent, decreasing from the rate in 2004) than

[^8]Whites (19.6 percent, increasing from the 2004 rate). Hispanics (23.0 percent, lower than in 2004) were more likely to be obese than NonHispanics (20.5 percent, higher than in 2004).

## References

1. The Burden of Chronic Diseases and Their Risk Factors: National and State Perspectives. CDC. 2004.
2. U.S. Department of Health and Human Services. Healthy People 2010: Understanding and Improving Health. 2nd ed. Washington, DC: U.S. Government Printing Office, November 2000.

| Arizona BRFSS: Respondents Classified As Obese |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{gathered} 2005 \\ \mathrm{~N}^{*} \end{gathered}$ |
|  | 2004 | 2005 |  |
| Sex |  |  |  |
| Male | 22.2 | 21.6 | 399 |
| Female | 20.1 | 20.6 | 656 |
| Age |  |  |  |
| 18-24 | 15.8 | 12.0 | 28 |
| 25-34 | 21.9 | 17.8 | 126 |
| 35-44 | 21.8 | 24.5 | 204 |
| 45-54 | 25.5 | 26.8 | 222 |
| 55-64 | 23.7 | 24.3 | 221 |
| 65+ | 17.8 | 20.0 | 254 |
| Education |  |  |  |
| Less than High School | 21.1 | 19.5 | 159 |
| High School Graduate/GED | 23.5 | 21.5 | 317 |
| Some College/Tech School | 24.0 | 24.8 | 344 |
| College Grad | 16.7 | 17.7 | 235 |
| Income |  |  |  |
| <\$15,000 | 19.4 | 19.9 | 150 |
| \$15,000-\$24,999 | 21.8 | 24.7 | 210 |
| \$25,000-\$34,999 | 21.7 | 21.7 | 128 |
| \$35,000-\$49,999 | 26.5 | 20.3 | 167 |
| $\geq \$ 50,000$ | 18.3 | 22.5 | 272 |
| Race |  |  |  |
| White | 18.9 | 19.6 | 648 |
| Non-White | 26.4 | 24.2 | 391 |
| Ethnicity |  |  |  |
| Hispanic | 26.7 | 23.0 | 298 |
| Non-Hispanic | 19.7 | 20.5 | 751 |

Table L-1. BRFSS results: Respondents classified as obese, defined as $\mathrm{BMI} \geq 30.0$. ${ }^{*} \mathrm{~N}$ is unweighted.

## M. PHYSICAL ACTIVITY - CATEGORIES

Physical inactivity and its related health problems have significant economic consequences for the U.S. health care system. In the long term, physical inactivity threatens to reverse the decades-long progress that has been made in reducing the morbidity and mortality related with many chronic conditions, e.g., cardiovascular disease. A physically inactive population is at medical and financial risk for many chronic diseases and conditions including heart disease, stroke, colon cancer, diabetes, obesity, and osteoporosis. ${ }^{1}$

Regular physical activity decreases the risk for heart attack, colon cancer, diabetes, and high blood pressure, and may decrease their risk for stroke. It also helps with weight control; contributes to healthy bones, muscles, and joints; reduces falls among the elderly; helps to relieve the pain of arthritis; decreases symptoms of anxiety and depression; and can decrease the need for hospitalizations, physician visits, and medications. Moreover, physical activity does not need to be strenuous to be beneficial. ${ }^{2}$ Regular exercise also can contribute to the functional independence of the elderly and improves the quality of life for people of all ages. ${ }^{3}$

## Survey Questions:

Now, thinking about the moderate activities you do in a usual week, do you do moderate activities for at least 10 minutes at a time, such as brisk walking, bicycling, vacuuming, gardening, or anything else that causes some increase in breathing or heart rate?
Now, thinking about the vigorous activities you do in a usual week, do you do vigorous activities for at least 10 minutes at a time, such as running, aerobics, heavy yard work, or anything else that causes large increases in breathing or heart rate?
How many days per week do you do these (moderate/vigorous) activities for at least 10 minutes at a time?
On days when you do (moderate/vigorous) activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?

People are considered at risk if they either reported insufficient or no physical activity. Analysis of the 2005 Arizona BRFSS data indicated that 35.3 percent of all respondents reported insufficient activity for both moderate and vigorous physical activity categories. In addition, 11.3 percent reported no physical activity (Figure M-1).


Figure M-1. 2005 Arizona BRFSS respondents physical activity levels.

More females were at risk than males ( 48.3 percent and 44.9 percent respectively). In 2005, both genders experienced a decrease from the 2004 rates. Arizonans $65+$ years old were most at risk
activity (58.2 percent, higher than the 2004 rate) and the next highest at risk group were respondents $45-54$ years old (52.3 percent, lower than in 2004). Respondents with less than an high school education (58.4 percent, higher than the 2004 rate) were most at risk followed by respondents with a high school education (48.1 percent, lower than in 2004). Arizonans with incomes $\$ 15,000$ to $\$ 24,999$ were the most at risk (53.2 percent), the next highest were those making less than $\$ 15,000$ ( 52.0 percent), both 2005 rates higher than in 2004. Non-White Arizonans were more at risk (48.8 percent, higher that the 2004 rate), compared to White respondents ( 45.5 percent, lower than in 2004). Hispanics were more at risk ( 35.5 percent, higher than the 2004 rate) than Non-Hispanics ( 45.6 percent, lower than in 2004).

## References

1. U.S. Department of Health and Human Services. Physical Activity Fundamental To Preventing Disease, June 2002.
2. The Burden of Chronic Diseases and Their Risk Factors: National and State Perspectives. CDC. 2004.
3. Katz S, Branch LG, Branson MH, et al., Active Life Expectancy. N Engl J Med, 1983; 309: 1218-1224.

| Arizona BRFSS: Arizona respondents who are at risk because of insufficient or no physical activity. |  |  |  |
| :---: | :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENT |  | $\begin{gathered} 2005 \\ N^{*} \end{gathered}$ |
|  | 2004 | 2005 |  |
| Sex |  |  |  |
| Male | 50.2 | 44.9 | 753 |
| Female | 48.8 | 48.3 | 1,424 |
| Age |  |  |  |
| 18-24 | 45.6 | 40.9 | 82 |
| 25-34 | 40.5 | 38.5 | 237 |
| 35-44 | 50.9 | 44.1 | 360 |
| 45-54 | 56.2 | 52.3 | 423 |
| 55-64 | 55.2 | 45.7 | 389 |
| 65+ | 50.1 | 58.2 | 686 |
| Education |  |  |  |
| Less than High School | 42.8 | 58.4 | 339 |
| High School Graduate/GED | 49.6 | 48.1 | 647 |
| Some College/Tech School | 52.9 | 46.1 | 616 |
| College Grad | 49.6 | 41.2 | 573 |
| Income |  |  |  |
| <\$15,000 | 44.7 | 52.0 | 293 |
| \$15,000-\$24,999 | 49.4 | 53.2 | 428 |
| \$25,000-\$34,999 | 50.2 | 45.1 | 266 |
| \$35,000-\$49,999 | 48.6 | 45.8 | 318 |
| $\geq \$ 50,000$ | 51.4 | 42.5 | 536 |
| Race |  |  |  |
| White | 52.0 | 45.5 | 1,403 |
| Non-White | 43.6 | 48.8 | 742 |
| Ethnicity |  |  |  |
| Hispanic | 43.3 | 49.6 | 590 |
| Non-Hispanic | 51.3 | 45.6 | 1,574 |

Table M-1. BRFSS results: Arizona respondents who are at risk because of insufficient or no physical activity. *N is unweighted

## APPENDICES

I: ARIZONA RESPONDENT PROFILE - 2005

II: ARIZONA RESPONDENT PROFILE BY YEAR, 2001-2005

IIA: RESPONDENT PROFILE BY REGION IN 2005

III: ADDITIONAL SELECTED INDICATORS - 2005

IV: 2005 ARIZONA BRFSS QUESTIONS LISTING

V: 2005 ARIZONA QUESTIONNAIRE

VI: 2005 BRFSS WEIGHTING FORMULA

## I: ARIZONA RESPONDENT PROFILE - 2005

| 2005 ARIZONA RESPONDENT PROFILE |  |  |
| :---: | :---: | :---: |
| GROUPS | WEIGHTED PERCENTAGE | UNWEIGHTED N |
| Sex |  |  |
| Male | 49.5 | 1,763 |
| Female | 50.5 | 2,947 |
| Age |  |  |
| 18-24 | 13.5 | 228 |
| 25-34 | 19.4 | 616 |
| 35-44 | 19.1 | 780 |
| 45-54 | 17.3 | 894 |
| 55-64 | 13.1 | 854 |
| 65+ | 17.7 | 1,338 |
| Education |  |  |
| Less than High School | 12.4 | 599 |
| High School Graduate or GED | 26.5 | 1,337 |
| Some College or Tech School | 30.2 | 1,377 |
| College Grad | 30.8 | 1,386 |
| Income |  |  |
| < \$15,000 | 8.8 | 513 |
| \$15,000-\$24,999 | 15.6 | 864 |
| \$25,000-\$34,999 | 10.9 | 554 |
| \$35,000-\$49,999 | 15.2 | 729 |
| $\geq \$ 50,000$ | 35.1 | 1,330 |
| Unknown/Refused | 14.3 | 720 |
| Race |  |  |
| White | 68.9 | 3,175 |
| Non-White | 31.1 | 1,471 |
| Ethnicity |  |  |
| Hispanic | 23.7 | 1,141 |
| Non-Hispanic | 76.3 | 3,538 |
| Total |  | 4,710 |

Source: 2005 Arizona BRFSS Sample

## II: ARIZONA RESPONDENT PROFILE BY YEAR, 2001-2005*

| GROUPS | 2001 | 2002 | 2003 | 2004 | 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Sex |  |  |  |  |  |
| Male | 48.8 | 49.3 | 49.4 | 49.5 | 49.5 |
| Female | 51.2 | 50.7 | 50.6 | 50.5 | 50.5 |
| Age |  |  |  |  |  |
| 18-24 | 12.7 | 13.8 | 12.7 | 13.6 | 13.5 |
| 25-34 | 18.6 | 19.1 | 19.2 | 19.1 | 19.4 |
| 35-44 | 20.5 | 19.7 | 19.6 | 19.3 | 19.1 |
| 45-54 | 18.2 | 17.2 | 16.5 | 17.4 | 17.3 |
| 55-64 | 12.0 | 12.5 | 12.7 | 12.8 | 13.1 |
| 65+ | 17.9 | 17.6 | 18.4 | 17.7 | 17.7 |
| Education |  |  |  |  |  |
| Less than High School | 12.4 | 8.2 | 9.9 | 14.0 | 12.4 |
| High School Graduate or GED | 27.5 | 28.4 | 27.1 | 26.7 | 26.5 |
| Some College or Tech School | 31.3 | 32.4 | 31.7 | 27.6 | 30.2 |
| College Grad | 28.3 | 30.9 | 31.0 | 21.6 | 30.8 |
| Income |  |  |  |  |  |
| < \$15,000 | 7.1 | 7.3 | 9.3 | 7.8 | 8.8 |
| \$15,000-\$24,999 | 17.1 | 15.6 | 16.0 | 17.2 | 15.6 |
| \$25,000-\$34,999 | 12.9 | 13.0 | 11.3 | 12.0 | 10.9 |
| \$35,000-\$49,999 | 15.5 | 15.5 | 16.8 | 16.0 | 15.2 |
| $\geq$ \$50,000 | 30.2 | 34.8 | 35.3 | 32.5 | 35.1 |
| Unknown/Refused | 17.2 | 7.8 | 11.2 | 14.5 | 14.3 |
| Race |  |  |  |  |  |
| White | 69.4 | 75.3 | 70.6 | 69.5 | 68.9 |
| Non-White | 28.7 | 23.8 | 28.4 | 29.9 | 31.1 |
| Ethnicity |  |  |  |  |  |
| Hispanic | 18.6 | 14.3 | 20.7 | 22.3 | 23.7 |
| Non-Hispanic | 80.4 | 85.3 | 78.8 | 77.5 | 76.3 |
| Total | 3,264 | 3,227 | 3,235 | 4,719 | 4,710 |

[^9]IIA: RESPONDENT PROFILE BY REGION IN 2005 (UNWEIGHTED N)

| GROUPS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sex |  |  |  |  |  |  |  |  |
| Male | 336 | 279 | 198 | 198 | 194 | 190 | 182 | 186 |
| Female | 508 | 452 | 335 | 359 | 339 | 300 | 332 | 322 |
| Age |  |  |  |  |  |  |  |  |
| 18-24 | 35 | 38 | 36 | 22 | 32 | 21 | 17 | 27 |
| 25-34 | 134 | 81 | 74 | 42 | 78 | 64 | 80 | 63 |
| 35-44 | 161 | 103 | 97 | 73 | 73 | 72 | 108 | 93 |
| 45-54 | 147 | 156 | 125 | 83 | 90 | 86 | 117 | 90 |
| 55-64 | 134 | 136 | 88 | 126 | 106 | 106 | 91 | 67 |
| 65+ | 233 | 217 | 113 | 211 | 154 | 141 | 101 | 168 |
| Education |  |  |  |  |  |  |  |  |
| Less than High School | 74 | 65 | 56 | 63 | 66 | 48 | 104 | 123 |
| High School Graduate or GED | 196 | 165 | 138 | 207 | 185 | 130 | 162 | 154 |
| Some College or Tech School | 274 | 223 | 162 | 169 | 155 | 154 | 117 | 123 |
| College Grad | 299 | 276 | 176 | 118 | 127 | 154 | 129 | 107 |
| Income |  |  |  |  |  |  |  |  |
| < \$15,000 | 67 | 68 | 60 | 69 | 53 | 45 | 81 | 70 |
| \$15,000-\$24,999 | 117 | 111 | 81 | 107 | 117 | 77 | 142 | 112 |
| \$25,000-\$34,999 | 84 | 85 | 62 | 67 | 63 | 68 | 66 | 59 |
| \$35,000-\$49,999 | 134 | 116 | 100 | 89 | 81 | 74 | 58 | 77 |
| $\geq$ \$50,000 | 314 | 247 | 157 | 116 | 149 | 146 | 91 | 110 |
| Unknown/Refused | 128 | 104 | 73 | 109 | 70 | 80 | 76 | 80 |
| Race |  |  |  |  |  |  |  |  |
| White | 655 | 550 | 360 | 482 | 375 | 360 | 125 | 268 |
| Non-White | 181 | 170 | 163 | 68 | 147 | 123 | 385 | 234 |
| Ethnicity |  |  |  |  |  |  |  |  |
| Hispanic | 128 | 128 | 49 | 50 | 108 | 86 | 375 | 217 |
| Non-Hispanic | 710 | 600 | 480 | 503 | 419 | 402 | 135 | 289 |
| Total | 844 | 731 | 533 | 557 | 533 | 490 | 514 | 508 |

Regions 1: Maricopa; 2: Pima; 3: Apache, Coconino, and Navajo; 4: Gila, La Paz, Mohave, and Yavapai; 5: Graham, Greenlee, and Pinal; 6: Cochise; 7: Santa Cruz; and 8: Yuma.

## III: ADDITIONAL SELECTED INDICATORS - 2005

1. NEEDED TO SEE A DOCTOR BUT COULD NOT BECAUSE OF COST
2. OTHER THAN YOUR REGULAR JOB, DID YOU PARTICIPATE IN ANY PHYSICAL ACTIVITIES
3. HAD ANY OF THE FOLLOWING? A HEART ATTACK, ALSO CALLED A MYOCARDIAL INFRACTION
4. TOLD YOU THAT YOU HAD ANY OF THE FOLLOWING? ANGINA OR CORONARY HEART DISEASE
5. TOLD YOU THAT YOU HAD ANY OF THE FOLLOWING? YOU HAD A STROKE
6. HAVE YOU HAD A FLU SHOT?
7. HAVE YOU HAD A FLU VACCINE THAT WAS SPRAYED IN YOUR NOSE?
8. HAVE YOU EVER HAD A PNEUMONIA SHOT?
9. DURING THE PAST 30 DAYS, HAVE YOU HAD AT LEAST ONE DRINK OF ANY ALCOHOLIC BEVERAGE?
10. HAVE YOU EVER SERVED ON ACTIVE DUTY IN THE UNITED STATES ARMED FORCES?
11. ARE YOU LIMITED IN ANY WAY IN ANY ACTIVITIES BECAUSE OF PHYSICAL, MENTAL, OR EMOTIONAL PROBLEMS?
12. DO YOU NOW HAVE ANY HEALTH PROBLEM THAT REQUIRES YOU TO USE SPECIAL EQUIPMENT?
13. HAVE YOU HAD ANY SYMPTOMS OF PAIN, ACHING, OR STIFFNESS IN OR AROUND A JOINT?
14. HAVE YOU EVER SEEN A DOCTOR OR OTHER HEALTH PROFESSIONAL FOR THESE JOINT SYMPTOMS?
15. ARE YOU NOW LIMITED IN ANY WAY IN ANY OF YOUR USUAL ACTIVITIES BECAUSE OF ARTHRITIS OR JOINT SYMPTOMS?
16. HAVE YOU EVER BEEN TESTED FOR HIV?
17. THE RULES ABOUT SMOKING INSIDE YOUR HOME
18. WHILE WORKING AT YOUR JOB, ARE YOU INDOORS MOST OF THE TIME?
19. BEST DESCRIBES YOUR PLACE OF WORKS OFFICIAL SMOKING POLICY FOR INDOOR
20. BEST DESCRIBES YOUR PLACE OF WORKS OFFICIAL SMOKING POLICY FOR WORK AREAS
21. HAVE YOU EVER HAD BLOOD STOOL TEST USING A HOME KIT?
22. RISK FACTOR FOR HEALTH STATUS
23. RISK FACTOR FOR OVERWEIGHT OR OBESE
24. AZ1_1. HAVE YOU EVER BEEN TOLD BY A DOCTOR THAT YOU HAVE A SEIZURE DISORDER OR EPILEPSY?
25. AZ1_2. YOU CURRENTLY TAKING ANY MEDICINE TO CONTROL YOUR SEIZURE DISORDER OR EPILEPSY?
26. AZ1_3. HOW MANY SEIZURES OF ANY TYPE HAVE YOU HAD IN THE LAST THREE MONTHS?

## III: ADDITIONAL SELECTED INDICATORS - 2005 (CONT)

27. AZ1_4. IN THE PAST YEAR, HAVE YOU SEEN A NEUROLOGIST OR EPILEPSY SPECIALIST FOR YOUR EPILEPSY OR SEIZURE DISORDER?
28. AZ1_5. DURING THE PAST MONTH, TO WHAT EXTENT HAS EPILEPSY OR ITS TREATMENT INTERFERED WITH YOUR NORMAL ACTIVITIES LIKE WORKING, SCHOOL, OR SOCIALIZING WITH FAMILY OR FRIENDS?
29. AZ2_1. HOW WELL PREPARED DO YOU FEEL YOUR HOUSEHOLD IS TO HANDLE A LARGE-SCALE DISĀSTER OR EMERGENCY THAT COULD HAVE AN IMPACT OF 72 HOURS?
30. AZ2_3. I KNOW HOW TO QUICKLY GET INFORMATION ABOUT BIOTERRORISM.
31. AZ3_1. DO YOU CURRENTLY TAKE ANY MULTIVITAMINS OR SUPPLEMENTS THAT CONTAIN FOLIC ACID?
32. AZ3_3. THEY RECOMMEND THIS FOR WHICH ONE OF THE FOLLOWING REASONS?
33. AZ4_1. DURING THE LAST SUMMER, HOW OFTEN DID YOU SPEND 30 MINUTES OR MORE OUTSIDE AFTER DARK?
34. AZ4_2a. AVOIDED OUTDOOR AREAS WHERE YOU KNOW THERE ARE MOSQUITOES?
35. AZ4_2b. WORN LONG SLEEVED SHIRTS AND LONG PANTS?
36. AZ4_2c. USED INSECT REPELLENT ON YOUR SKIN OR CLOTHES?
37. AZ4_3. THIS LAST SUMMER DID YOU REMOVE POTENTIAL MOSQUITO BREEDING HABITATS FROM AROUND YOUR HOME?

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4702 | 4,214,386 | 606 | 14.4 | 12.2-16.6 | 4096 | 85.6 | 83.4-87.8 |
| Male | 1759 | 2,087,957 | 185 | 12.5 | 9.32-15.8 | 1574 | 87.4 | 84.2-90.7 |
| Female | 2943 | 2,126,429 | 421 | 16.1 | 13.2-19.1 | 2522 | 83.9 | 80.9-86.8 |
| White/Non-Hisp | 3170 | 2,879,464 | 308 | 9.6 | 7.90-11.3 | 2862 | 90.4 | 88.7-92.1 |
| Oth. Race/Non-Hisp. | 232 | 200,547 | 40 | 18.6 | 9.56-27.6 | 192 | 81.4 | 72.4-90.4 |
| Hispanic | 1138 | 991,549 | 242 | 27.6 | 20.5-34.6 | 896 | 72.4 | 65.4-79.5 |
| 18-24 | 227 | 564,598 | 38 | 17.9 | 8.22-27.5 | 189 | 82.1 | 72.5-91.8 |
| 25-34 | 614 | 818,305 | 106 | 21.9 | 15.6-28.3 | 508 | 78.0 | 71.7-84.4 |
| 35-44 | 770 | 786,638 | 139 | 16.7 | 12.4-21.0 | 631 | 83.3 | 79.0-87.6 |
| 45-54 | 877 | 722,636 | 146 | 13.9 | 9.75-18.1 | 731 | 86.1 | 81.9-90.3 |
| 55-64 | 835 | 535,333 | 108 | 10.8 | 7.05-14.5 | 727 | 89.2 | 85.5-93.0 |
| 65+ | 1335 | 747,386 | 63 | 3.7 | 2.30-5.04 | 1272 | 96.3 | 95.0-97.7 |
| Less Than H.S. | 597 | 523,090 | 125 | 25.8 | 16.3-35.3 | 472 | 74.2 | 64.7-83.7 |
| H.S. or G.E.D. | 1333 | 1,113,639 | 194 | 17.3 | 12.6-21.9 | 1139 | 82.7 | 78.1-87.4 |
| Some Post-H.S. | 1375 | 1,272,252 | 170 | 12.8 | 9.61-16.0 | 1205 | 87.2 | 84.0-90.4 |
| College Graduate | 1386 | 1,299,882 | 116 | 8.5 | 5.51-11.6 | 1270 | 91.4 | 88.4-94.5 |
| Less than \$15,000 | 511 | 369,623 | 137 | 27.7 | 18.4-36.9 | 374 | 72.3 | 63.1-81.6 |
| \$15,000-24,999 | 863 | 659,980 | 185 | 30.1 | 22.9-37.2 | 678 | 69.9 | 62.8-77.1 |
| \$25,000-34,999 | 553 | 461,920 | 79 | 15.3 | 9.62-20.9 | 474 | 84.7 | 79.1-90.4 |
| \$35,000-49,999 | 729 | 641,040 | 72 | 10.8 | 6.92-14.7 | 657 | 89.2 | 85.3-93.1 |
| \$50,000-74,999 | 645 | 675,819 | 42 | 8.5 | 4.60-12.3 | 603 | 91.5 | 87.7-95.4 |
| \$75,000+ | 685 | 805,892 | 23 | 6.1 | 1.23-11.0 | 662 | 93.9 | 89.0-98.8 |

Percentage, C.I.(95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM
PAST MONTH, OTHER THAN YOUR REGULAR JOB, DID YOU PARTICIPATE IN ANY PHYSICAL ACTIVITIES OR EXERCISES SUCH AS RUNNING, CALISTHENICS, GOLF OR WALKING FOR EXERCISE? (EXERANY2)
Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4704 | 4,217,976 | 3518 | 77.4 | 75.0-79.8 | 1186 | 22.6 | 20.2-25.0 |
| Male | 1761 | 2,089,620 | 1362 | 77.8 | 73.9-81.8 | 399 | 22.2 | 18.2-26.1 |
| Female | 2943 | 2,128,355 | 2156 | 76.9 | 74.2-79.7 | 787 | 23.1 | 20.3-25.8 |
| White/Non-Hisp | 3173 | 2,880,452 | 2459 | 80.0 | 77.5-82.5 | 714 | 20.0 | 17.5-22.5 |
| Oth. Race/Non-Hisp. | 230 | 200,084 | 168 | 82.8 | 76.4-89.1 | 62 | 17.3 | 10.9-23.6 |
| Hispanic | 1139 | 994,613 | 780 | 69.3 | 62.6-76.0 | 359 | 30.7 | 24.0-37.4 |
| 18-24 | 227 | 567,548 | 190 | 83.1 | 73.7-92.4 | 37 | 16.9 | 7.55-26.3 |
| 25-34 | 615 | 819,2 | 500 | 79.1 | 72.6-85.7 | 115 | 20.8 | 14.3-27.4 |
| 35-44 | 771 | 787,204 | 598 | 79.0 | 73.8-84.3 | 173 | 21.0 | 15.7-26.2 |
| 45-54 | 876 | 722,495 | 685 | 79.2 | 74.5-83.9 | 191 | 20.8 | 16.1-25.5 |
| 55-64 | 836 | 535,863 | 623 | 75.3 | 70.5-80.1 | 213 | 24.7 | 19.9-29.5 |
| 65+ | 1335 | 746,159 | 887 | 69.0 | 65.1-72.9 | 448 | 31.0 | 27.1-34.9 |
| H.S. or G.E.D. | 1335 | 1,117,873 | 943 | 71.5 | 66.0-76.9 | 392 | 28.5 | 23.1-34.0 |
| Some Post-H.S. | 1375 | 1,271,786 | 1070 | 80.9 | 77.6-84.2 | 305 | 19.1 | 15.8-22.4 |
| College Graduate | 1386 | 1,299,882 | 1170 | 87.0 | 84.0-89.9 | 216 | 13.0 | 10.1-16.0 |
| \$15,000-24,999 | 864 | 660,055 | 609 | 74.0 | 68.3-79.7 | 255 | 26.0 | 20.3-31.7 |
| \$25,000-34,999 | 552 | 460,683 | 412 | 77.9 | 71.4-84.4 | 140 | 22.1 | 15.6-28.6 |
| \$35,000-49,999 | 728 | 640,899 | 558 | 77.1 | 71.3-82.8 | 170 | 22.9 | 17.2-28.7 |
| \$50,000-74,999 | 645 | 675,819 | 546 | 84.5 | 79.9-89.1 | 99 | 15.5 | 10.9-20.1 |
| \$75,000+ | 685 | 805,892 | 604 | 86.8 | 81.4-92.2 | 81 | 13.2 | 7.84-18.6 |

Percentage, C.I.(95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

## 2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM

HAS A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL EVER TOLD YOU THAT YOU HAD ANY OF THE FOLLOWING? FOR EACH, TELL ME "YES", "NO", OR YOU'RE "NOT SURE": A HEART ATTACK, ALSO CALLED A MYOCARDIAL INFRACTION? (CVDINFR3)

Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4673 | 4,195,960 | 276 | 4.6 | 3.60-5.60 | 4397 | 95.4 | 94.4-96.4 |
| Male | 1752 | 2,077,457 | 143 | 6.2 | 4.36-8.00 | 1609 | 93.8 | 92.0-95.6 |
| Female | 2921 | 2,118,503 | 133 | 3.1 | 2.20-3.92 | 2788 | 96.9 | 96.1-97.8 |
| White/Non-Hisp | 3151 | 2,866,556 | 218 | 5.7 | 4.37-7.11 | 2933 | 94.3 | 92.9-95.6 |
| Black or Af. Am./Non-Hisp | 59 | 71,439 | 1 | 0.2 | 0.00-0.52 | 58 | 99.8 | 99.5-0100 |
| Oth. Race/Non-Hisp. | 231 | 200,369 | 15 | 3.0 | 1.02-4.94 | 216 | 97.0 | 95.1-99.0 |
| Hispanic | 1132 | 988,303 | 32 | 1.1 | 0.45-1.67 | 1100 | 98.9 | 98.3-99.5 |
| 18-24 | 228 | 567,586 |  |  |  | 228 | 100.0 | 0100-0100 |
| 25-34 | 614 | 814,714 | 3 | 0.9 | 0.00-2.60 | 611 | 99.0 | 97.4-0100 |
| 35-44 | 766 | 786,049 | 13 | 3.0 | 0.03-6.07 | 753 | 96.9 | 93.9-0100 |
| 45-54 | 874 | 721,343 | 26 | 3.3 | 1.17-5.41 | 848 | 96.7 | 94.6-98.8 |
| 55-64 | 829 | 530,694 | 51 | 6.7 | 3.89-9.53 | 778 | 93.3 | 90.5-96.1 |
| 65+ | 1318 | 736,083 | 182 | 13.8 | 10.9-16.8 | 1136 | 86.2 | 83.3-89.1 |
| Less Than H.S. | 590 | 515,186 | 51 | 3.5 | 2.02-4.96 | 539 | 96.5 | 95.0-98.0 |
| H.S. or G.E.D. | 1326 | 1,114,752 | 72 | 4.6 | 2.85-6.33 | 1254 | 95.4 | 93.7-97.2 |
| Some Post-H.S. | 1367 | 1,265,039 | 79 | 5.7 | 3.34-8.04 | 1288 | 94.3 | 92.0-96.7 |
| College Graduate | 1381 | 1,295,674 | 74 | 4.0 | 2.45-5.59 | 1307 | 96.0 | 94.4-97.5 |
| Less than \$15,000 | 508 | 369,633 | 44 | 6.2 | 3.06-9.38 | 464 | 93.8 | 90.6-96.9 |
| \$15,000-24,999 | 854 | 649,485 | 59 | 7.6 | 3.55-11.6 | 795 | 92.4 | 88.4-96.4 |
| \$25,000-34,999 | 551 | 461,280 | 25 | 3.9 | 1.47-6.29 | 526 | 96.1 | 93.7-98.5 |
| \$35,000-49,999 | 727 | 639,651 | 28 | 3.9 | 1.83-5.95 | 699 | 96.1 | 94.1-98.2 |
| \$50,000-74,999 | 641 | 669,914 | 24 | 2.8 | 0.92-4.64 | 617 | 97.2 | 95.4-99.1 |
| \$75,000+ | 684 | 805,209 | 30 | 3.5 | 1.32-5.60 | 654 | 96.5 | 94.4-98.7 |

Percentage, C.I.(95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM
[HAS A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL EVER TOLD YOU THAT YOU HAD ANY OF THE FOLLOWING? FOR EACH, TELL ME "YES", "NO", OR YOU'RE "NOT SURE":] ANGINA OR CORONARY HEART DISEASE. (CVDCRHD3)

Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4676 | 4,194,197 | 292 | 5.0 | 4.03-5.91 | 4384 | 95.0 | 94.1-96.0 |
| Male | 1748 | 2,077,377 | 150 | 6.3 | 4.69-7.83 | 1598 | 93.7 | 92.2-95.3 |
| Female | 2928 | 2,116,820 | 142 | 3.7 | 2.66-4.74 | 2786 | 96.3 | 95.3-97.3 |
| White/Non-Hisp | 3151 | 2,862,797 | 217 | 5.8 | 4.62-7.02 | 2934 | 94.2 | 93.0-95.4 |
| Black or Af. Am./Non-Hisp | 59 | 71,439 | 3 | 5.3 | 0.00-11.4 | 56 | 94.7 | 88.6-0100 |
| Oth. Race/Non-Hisp. | 229 | 199,207 | 10 | 2.4 | 0.20-4.60 | 219 | 97.6 | 95.4-99.8 |
| Hispanic | 1134 | 989,367 | 54 | 3.0 | 1.30-4.78 | 1080 | 97.0 | 95.2-98.7 |
| 18-24 | 228 | 567,586 | 2 | 0.1 | 0.00-0.20 | 226 | 99.9 | 99.8-0100 |
| 25-34 | 614 | 815,145 | 9 | 1.2 | 0.00-2.65 | 605 | 98.8 | 97.3-0100 |
| 35-44 | 764 | 785,369 | 9 | 1.0 | 0.12-1.88 | 755 | 99.0 | 98.1-99.9 |
| 45-54 | 875 | 721,675 | 33 | 5.5 | 2.51-8.47 | 842 | 94.5 | 91.5-97.5 |
| 55-64 | 832 | 531,443 | 60 | 8.3 | 5.22-11.5 | 772 | 91.7 | 88.5-94.8 |
| 65+ | 1319 | 733,490 | 178 | 14.3 | 11.3-17.3 | 1141 | 85.7 | 82.7-88.7 |
| Less Than H.S. | 595 | 518,298 | 52 | 5.3 | 2.64-8.02 | 543 | 94.7 | 92.0-97.4 |
| H.S. or G.E.D. | 1325 | 1,109,730 | 76 | 5.3 | 3.30-7.34 | 1249 | 94.7 | 92.7-96.7 |
| Some Post-H.S. | 1363 | 1,263,915 | 87 | 4.6 | 3.15-6.05 | 1276 | 95.4 | 93.9-96.9 |
| College Graduate | 1382 | 1,296,732 | 76 | 4.9 | 3.15-6.67 | 1306 | 95.1 | 93.3-96.9 |
| Less than \$15,000 | 510 | 368,439 | 44 | 5.5 | 2.49-8.61 | 466 | 94.4 | 91.4-97.5 |
| \$15,000-24,999 | 858 | 649,876 | 52 | 5.5 | 3.06-8.00 | 806 | 94.5 | 92.0-96.9 |
| \$25,000-34,999 | 549 | 458,907 | 38 | 6.9 | 3.16-10.7 | 511 | 93.1 | 89.3-96.8 |
| \$35,000-49,999 | 724 | 636,747 | 44 | 6.8 | 3.65-9.97 | 680 | 93.2 | 90.0-96.3 |
| \$50,000-74,999 | 642 | 675,524 | 23 | 3.1 | 1.32-4.88 | 619 | 96.9 | 95.1-98.7 |
| \$75,000+ | 684 | 805,734 | 28 | 2.8 | 1.33-4.19 | 656 | 97.2 | 95.8-98.7 |

Percentage, C.I.(95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM
[HAS A DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL EVER TOLD YOU THAT YOU HAD ANY OF THE FOLLOWING? FOR EACH, TELL ME "YES", "NO", OR YOU'RE "NOT SURE":] (EVER TOLD) YOU HAD A STROKE. (CVDSTRK3)

Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4695 | 4,214,494 | 162 | 2.1 | 1.57-2.59 | 4533 | 97.9 | 97.4-98.4 |
| Male | 1758 | 2,087,203 | 57 | 2.0 | 1.19-2.75 | 1701 | 98.0 | 97.2-98.8 |
| Female | 2937 | 2,127,291 | 105 | 2.2 | 1.55-2.81 | 2832 | 97.8 | 97.2-98.4 |
| White/Non-Hisp | 3163 | 2,877,104 | 138 | 2.7 | 1.97-3.39 | 3025 | 97.3 | 96.6-98.0 |
| Black or Af. Am./Non-Hisp | 59 | 71,439 | 2 | 1.1 | 0.00-2.86 | 57 | 98.9 | 97.1-0100 |
| Oth. Race/Non-Hisp. | 232 | 200,547 | 5 | 1.7 | 0.00-3.55 | 227 | 98.3 | 96.4-0100 |
| Hispanic | 1139 | 994,135 | 14 | 0.6 | 0.15-0.97 | 1125 | 99.4 | 99.0-99.9 |
| 18-24 | 228 | 567,586 | 1 | 0.6 | 0.00-1.78 | 227 | 99.4 | 98.2-0100 |
| 25-34 | 616 | 819,387 |  |  |  | 616 | 100.0 | 0100-0100 |
| 35-44 | 769 | 785,413 | 9 | 1.1 | 0.09-2.09 | 760 | 98.9 | 97.9-99.9 |
| 45-54 | 875 | 722,217 | 19 | 1.9 | 0.56-3.22 | 856 | 98.1 | 96.8-99.4 |
| 55-64 | 832 | 535,140 | 19 | 1.8 | 0.73-2.81 | 813 | 98.2 | 97.2-99.3 |
| 65+ | 1331 | 745,262 | 112 | 7.0 | 5.10-8.90 | 1219 | 93.0 | 91.1-94.9 |
| Less Than H.S. | 597 | 522,709 | 18 | 1.5 | 0.53-2.57 | 579 | 98.4 | 97.4-99.5 |
| H.S. or G.E.D. | 1333 | 1,117,170 | 50 | 2.1 | 1.13-3.17 | 1283 | 97.8 | 96.8-98.9 |
| Some Post-H.S. | 1370 | 1,269,424 | 58 | 2.2 | 1.40-3.00 | 1312 | 97.8 | 97.0-98.6 |
| College Graduate | 1386 | 1,299,882 | 36 | 2.1 | 1.08-3.16 | 1350 | 97.9 | 96.8-98.9 |
| Less than \$15,000 | 510 | 369,597 | 30 | 3.6 | 1.14-6.08 | 480 | 96.4 | 93.9-98.9 |
| \$15,000-24,999 | 861 | 658,232 | 30 | 2.9 | 1.37-4.39 | 831 | 97.1 | 95.6-98.6 |
| \$25,000-34,999 | 553 | 461,922 | 17 | 2.0 | 0.79-3.23 | 536 | 98.0 | 96.8-99.2 |
| \$35,000-49,999 | 728 | 640,229 | 16 | 1.3 | 0.20-2.44 | 712 | 98.7 | 97.6-99.8 |
| \$50,000-74,999 | 642 | 675,065 | 10 | 1.4 | 0.18-2.68 | 632 | 98.6 | 97.3-99.8 |
| \$75,000+ | 685 | 805,892 | 14 | 1.1 | 0.31-1.95 | 671 | 98.9 | 98.0-99.7 |

2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM
A FLU SHOT IS AN INFLUENZA VACCINE INJECTED IN YOUR ARM. DURING THE PAST 12 MONTHS, HAVE YOU HAD A FLU SHOT?
(FLUSHOT3)
Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4699 | 4,204,093 | 1425 | 24.4 | 22.2-26.6 | 3274 | 75.6 | 73.4-77.8 |
| Male | 1759 | 2,082,348 | 518 | 22.8 | 19.4-26.2 | 1241 | 77.2 | 73.8-80.6 |
| Female | 2940 | 2,121,746 | 907 | 25.9 | 23.1-28.7 | 2033 | 74.1 | 71.3-76.9 |
| White/Non-Hisp | 3168 | 2,873,379 | 1036 | 27.2 | 24.6-29.8 | 2132 | 72.8 | 70.2-75.4 |
| Black or Af. Am./Non-Hisp | 59 | 71,439 | 18 | 12.5 | 4.04-20.9 | 41 | 87.5 | 79.1-96.0 |
| Oth. Race/Non-Hisp. | 232 | 200,547 | 88 | 32.2 | 23.0-41.4 | 144 | 67.8 | 58.6-77.0 |
| Hispanic | 1137 | 987,341 | 248 | 15.4 | 10.6-20.2 | 889 | 84.6 | 79.8-89.4 |
| 18-24 | 227 | 560,729 | 45 | 13.8 | 5.47-22.1 | 182 | 86.2 | 77.9-94.5 |
| 25-34 | 613 | 811,940 | 91 | 13.4 | 8.08-18.7 | 522 | 86.6 | 81.3-91.9 |
| 35-44 | 771 | 787,204 | 115 | 10.8 | 7.44-14.1 | 656 | 89.2 | 85.9-92.6 |
| 45-54 | 873 | 722,037 | 163 | 18.5 | 14.0-23.0 | 710 | 81.5 | 77.0-86.0 |
| 55-64 | 836 | 535,863 | 222 | 26.3 | 21.6-31.1 | 614 | 73.6 | 68.9-78.4 |
| 65+ | 1335 | 746,830 | 776 | 62.5 | 58.5-66.6 | 559 | 37.5 | 33.4-41.5 |
| Less Than H.S. | 599 | 523,374 | 166 | 15.4 | 10.8-19.9 | 433 | 84.6 | 80.1-89.2 |
| H.S. or G.E.D. | 1334 | 1,111,196 | 400 | 27.8 | 22.5-33.1 | 934 | 72.2 | 66.9-77.5 |
| Some Post-H.S. | 1371 | 1,264,401 | 403 | 23.8 | 20.2-27.3 | 968 | 76.3 | 72.7-79.8 |
| College Graduate | 1384 | 1,299,600 | 455 | 25.7 | 22.2-29.3 | 929 | 74.3 | 70.7-77.8 |
| Less than \$15,000 | 513 | 370,359 | 153 | 26.2 | 16.7-35.6 | 360 | 73.8 | 64.4-83.3 |
| \$15,000-24,999 | 862 | 659,778 | 255 | 21.4 | 17.0-25.8 | 607 | 78.6 | 74.2-83.0 |
| \$25,000-34,999 | 554 | 461,998 | 157 | 25.3 | 18.1-32.4 | 397 | 74.7 | 67.6-81.9 |
| \$35,000-49,999 | 729 | 641,040 | 210 | 25.1 | 19.9-30.2 | 519 | 74.9 | 69.8-80.1 |
| \$50,000-74,999 | 644 | 675,760 | 173 | 23.1 | 18.3-28.1 | 471 | 76.8 | 72.0-81.8 |
| \$75,000+ | 684 | 805,643 | 183 | 20.5 | 15.9-25.0 | 501 | 79.5 | 75.0-84.1 |

Percentage, C.I. (95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM
DURING THE PAST 12 MONTHS, HAVE YOU HAD A FLU VACCINE THAT WAS SPRAYED IN YOUR NOSE? THE FLU VACCINE THAT IS
SPRAYED IN THE NOSE IS ALSO CALLED FLUMIST ${ }^{\text {TM }}$. (FLUSPRY2)
Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4700 | 4,213,405 | 43 | 1.1 | 0.41-1.83 | 4657 | 98.9 | 98.2-99.6 |
| Male | 1756 | 2,084,756 | 21 | 1.1 | 0.34-1.80 | 1735 | 98.9 | 98.2-99.7 |
| Female | 2944 | 2,128,649 | 22 | 1.2 | 0.00-2.39 | 2922 | 98.8 | 97.6-0100 |
| White/Non-Hisp | 3170 | 2,876,637 | 14 | 0.3 | 0.11-0.51 | 3156 | 99.7 | 99.5-99.9 |
| Black or Af. Am./Non-Hisp | 59 | 71,439 | 3 | 1.3 | 0.00-2.85 | 56 | 98.7 | 97.2-0100 |
| Oth. Race/Non-Hisp. | 232 | 200,547 | 3 | 2.2 | 0.00-5.42 | 229 | 97.8 | 94.6-0100 |
| Hispanic | 1137 | 993,566 | 23 | 3.3 | 0.48-6.16 | 1114 | 96.7 | 93.8-99.5 |
| 18-24 | 228 | 567,586 | 10 | 1.9 | 0.09-3.65 | 218 | 98.1 | 96.3-99.9 |
| 25-34 | 615 | 819,214 | 7 | 2.3 | 0.00-5.36 | 608 | 97.7 | 94.6-0100 |
| 35-44 | 770 | 787,112 | 7 | 1.2 | 0.00-2.66 | 763 | 98.8 | 97.3-0100 |
| 45-54 | 876 | 722,262 | 8 | 0.6 | 0.07-1.17 | 868 | 99.4 | 98.8-99.9 |
| 55-64 | 836 | 535,863 | 3 | 0.1 | 0.00-0.30 | 833 | 99.9 | 99.7-0100 |
| 65+ | 1331 | 741,878 | 7 | 0.4 | 0.00-0.95 | 1324 | 99.6 | 99.1-0100 |
| Less Than H.S. | 594 | 521,499 | 12 | 2.3 | 0.00-4.89 | 582 | 97.7 | 95.1-0100 |
| H.S. or G.E.D. | 1337 | 1,118,184 | 14 | 1.6 | 0.00-3.63 | 1323 | 98.4 | 96.4-0100 |
| Some Post-H.S. | 1376 | 1,272,685 | 7 | 0.6 | 0.00-1.54 | 1369 | 99.4 | 98.5-0100 |
| College Graduate | 1382 | 1,295,514 | 10 | 0.7 | 0.11-1.33 | 1372 | 99.3 | 98.7-99.9 |
| Less than \$15,000 | 511 | 368,786 | 10 | 5.9 | 0.00-12.7 | 501 | 94.1 | 87.3-0100 |
| \$15,000-24,999 | 864 | 660,055 | 7 | 0.5 | 0.05-0.95 | 857 | 99.5 | 99.0-0100 |
| \$25,000-34,999 | 553 | 461,907 | 4 | 0.5 | 0.00-1.09 | 549 | 99.5 | 98.9-0100 |
| \$35,000-49,999 | 728 | 640,868 | 3 | 1.0 | 0.00-2.73 | 725 | 99.0 | 97.3-0100 |
| \$50,000-74,999 | 644 | 672,914 | 2 | 0.2 | 0.00-0.54 | 642 | 99.8 | 99.5-0100 |
| \$75,000+ | 684 | 805,518 | 6 | 0.6 | 0.02-1.12 | 678 | 99.4 | 98.9-0100 |

Percentage, C.I. (95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM
HAVE YOU EVER HAD A PNEUMONIA SHOT? A PNEUMONIA SHOT OR PNEUMOCOCCAL VACCINE IS USUALLY GIVEN ONLY ONCE OR TWICE IN A PERSON'S LIFETIME AND IS DIFFERENT FROM THE FLU SHOT. HAVE YOU EVER HAD A PNEUMONIA SHOT? (PNEUVAC3) Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4429 | 3,846,985 | 1342 | 25.9 | 23.5-28.3 | 3087 | 74.1 | 71.7-76.5 |
| Male | 1626 | 1,873,589 | 500 | 26.5 | 22.7-30.3 | 1126 | 73.5 | 69.7-77.3 |
| Female | 2803 | 1,973,396 | 842 | 25.3 | 22.4-28.2 | 1961 | 74.7 | 71.8-77.6 |
| White/Non-Hisp | 3003 | 2,632,150 | 1055 | 28.4 | 25.8-30.9 | 1948 | 71.6 | 69.1-74.2 |
| Oth. Race/Non-Hisp. | 215 | 178,285 | 56 | 22.2 | 13.4-31.0 | 159 | 77.8 | 69.0-86.6 |
| Hispanic | 1056 | 896,321 | 183 | 17.7 | 11.7-23.6 | 873 | 82.3 | 76.4-88.3 |
| 25-34 | 547 | 698,478 | 61 | 12.8 | 7.73-17.8 | 486 | 87.3 | 82.2-92.3 |
| 35-44 | 718 | 723,285 | 80 | 11.3 | 7.12-15.5 | 638 | 88.7 | 84.5-92.9 |
| 45-54 | 835 | 693,845 | 113 | 12.6 | 8.83-16.4 | 722 | 87.4 | 83.6-91.2 |
| 55-64 | 801 | 508,670 | 229 | 29.9 | 24.3-35.5 | 572 | 70.1 | 64.5-75.7 |
| 65+ | 1302 | 727,039 | 813 | 65.4 | 61.3-69.4 | 489 | 34.6 | 30.6-38.7 |
| Less Than H.S. | 565 | 501,226 | 140 | 20.1 | 12.0-28.2 | 425 | 79.9 | 71.8-88.0 |
| H.S. or G.E.D. | 1253 | 981,159 | 403 | 27.8 | 23.1-32.5 | 850 | 72.2 | 67.5-76.9 |
| Some Post-H.S. | 1289 | 1,166,537 | 402 | 27.1 | 23.2-31.1 | 887 | 72.8 | 68.9-76.8 |
| College Graduate | 1311 | 1,192,540 | 393 | 25.5 | 21.5-29.6 | 918 | 74.4 | 70.4-78.5 |
| \$15,000-24,999 | 815 | 606,317 | 259 | 30.7 | 24.4-36.9 | 556 | 69.3 | 63.1-75.6 |
| \$25,000-34,999 | 534 | 442,311 | 156 | 25.1 | 18.4-31.9 | 378 | 74.9 | 68.1-81.6 |
| \$35,000-49,999 | 680 | 597,192 | 195 | 26.7 | 21.0-32.4 | 485 | 73.3 | 67.6-79.0 |
| \$50,000-74,999 | 607 | 610,221 | 157 | 24.2 | 18.7-29.6 | 450 | 75.8 | 70.4-81.3 |
| \$75,000+ | 636 | 719,481 | 133 | 19.9 | 14.3-25.5 | 503 | 80.1 | 74.5-85.7 |

Percentage, C.I.(95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM
DURING THE PAST 30 DAYS, HAVE YOU HAD AT LEAST ONE DRINK OF ANY ALCOHOLIC BEVERAGE SUCH AS BEER, WINE, A MALT BEVERAGE OR LIQUOR? (DRNKANY4)
Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4704 | 4,216,360 | 2386 | 57.1 | 54.3-59.9 | 2318 | 42.9 | 40.1-45.7 |
| Male | 1759 | 2,087,260 | 1071 | 65.0 | 60.9-69.1 | 688 | 35.0 | 30.9-39.1 |
| Female | 2945 | 2,129,099 | 1315 | 49.3 | 45.8-52.9 | 1630 | 50.7 | 47.1-54.2 |
| White/Non-Hisp | 3173 | 2,880,433 | 1741 | 59.9 | 57.0-62.9 | 1432 | 40.1 | 37.1-43.0 |
| Hispanic | 1139 | 994,604 | 485 | 50.8 | 43.3-58.3 | 654 | 49.2 | 41.7-56.7 |
| 25-34 | 616 | 819,387 | 326 | 60.1 | 53.5-66.7 | 290 | 39.9 | 33.3-46.5 |
| 35-44 | 771 | 787,204 | 411 | 58.5 | 52.5-64.6 | 360 | 41.5 | 35.4-47.5 |
| 45-54 | 877 | 722,636 | 450 | 58.1 | 52.4-63.9 | 427 | 41.8 | 36.1-47.6 |
| 55-64 | 835 | 535,704 | 433 | 52.4 | 46.7-58.1 | 402 | 47.6 | 41.9-53.3 |
| 65+ | 1334 | 745,886 | 633 | 53.7 | 49.5-57.9 | 701 | 46.3 | 42.1-50.5 |
| Less Than H.S. | 598 | 523,214 | 200 | 55.5 | 45.6-65.4 | 398 | 44.5 | 34.6-54.4 |
| H.S. or G.E.D. | 1335 | 1,117,509 | 615 | 49.5 | 43.8-55.3 | 720 | 50.5 | 44.7-56.2 |
| Some Post-H.S. | 1377 | 1,272,857 | 733 | 56.1 | 51.5-60.6 | 644 | 43.9 | 39.4-48.5 |
| College Graduate | 1383 | 1,297,257 | 833 | 65.5 | 61.2-69.8 | 550 | 34.5 | 30.2-38.8 |
| \$15,000-24,999 | 863 | 659,895 | 396 | 49.3 | 42.4-56.3 | 467 | 50.7 | 43.7-57.6 |
| \$25,000-34,999 | 554 | 461,998 | 254 | 52.7 | 43.6-61.7 | 300 | 47.3 | 38.3-56.4 |
| \$35,000-49,999 | 728 | 640,007 | 413 | 62.8 | 56.8-68.8 | 315 | 37.2 | 31.2-43.2 |
| \$50,000-74,999 | 644 | 674,286 | 402 | 67.5 | 61.7-73.4 | 242 | 32.4 | 26.6-38.3 |
| \$75,000+ | 685 | 805,892 | 453 | 66.7 | 60.6-72.7 | 232 | 33.3 | 27.3-39.4 |

Percentage, C.I. (95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

## 2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM

THE NEXT QUESTION RELATES TO MILITARY SERVICE IN THE UNITED STATES ARMED FORCES, EITHER IN THE REGULAR MILITARY OR IN A NATIONAL GUARD OR RESERVE UNIT. HAVE YOU 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? (VETERAN)

Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4686 | 4,188,661 | 786 | 15.3 | 13.6-17.0 | 3900 | 84.7 | 83.0-86.4 |
| Male | 1751 | 2,068,549 | 708 | 29.2 | 25.8-32.7 | 1043 | 70.8 | 67.3-74.2 |
| Female | 2935 | 2,120,112 | 78 | 1.6 | 1.01-2.23 | 2857 | 98.4 | 97.8-99.0 |
| White/Non-Hisp | 3161 | 2,856,131 | 644 | 19.2 | 17.0-21.4 | 2517 | 80.8 | 78.6-83.0 |
| Oth. Race/Non-Hisp. | 231 | 200,187 | 22 | 8.7 | 3.01-14.3 | 209 | 91.3 | 85.7-97.0 |
| Hispanic | 1133 | 989,817 | 73 | 4.3 | 2.40-6.16 | 1060 | 95.7 | 93.8-97.6 |
| 18-24 | 226 | 560,150 | 6 | 0.9 | 0.03-1.83 | 220 | 99.1 | 98.2-0100 |
| 25-34 | 614 | 815,251 | 39 | 5.0 | 2.12-7.88 | 575 | 95.0 | 92.1-97.9 |
| 35-44 | 763 | 781,061 | 65 | 9.2 | 5.89-12.5 | 698 | 90.8 | 87.5-94.1 |
| 45-54 | 874 | 719,708 | 99 | 15.1 | 10.5-19.6 | 775 | 84.9 | 80.4-89.5 |
| 55-64 | 832 | 531,040 | 203 | 29.7 | 24.2-35.2 | 629 | 70.3 | 64.8-75.8 |
| $65+$ | 1336 | 742,960 | 373 | 33.9 | 29.8-38.1 | 963 | 66.1 | 61.9-70.2 |
| Less Than H.S. | 597 | 516,078 | 41 | 5.3 | 2.99-7.69 | 556 | 94.7 | 92.3-97.0 |
| H.S. or G.E.D. | 1326 | 1,112,665 | 184 | 11.9 | 9.14-14.7 | 1142 | 88.1 | 85.3-90.9 |
| Some Post-H.S. | 1372 | 1,265,513 | 269 | 18.9 | 15.4-22.3 | 1103 | 81.1 | 77.7-84.6 |
| College Graduate | 1380 | 1,288,881 | 291 | 18.6 | 15.3-21.9 | 1089 | 81.4 | 78.1-84.7 |
| Less than \$15,000 | 513 | 370,359 | 46 | 8.9 | 4.48-13.3 | 467 | 91.1 | 86.7-95.5 |
| \$15,000-24,999 | 862 | 659,540 | 104 | 12.2 | 8.39-16.0 | 758 | 87.8 | 84.0-91.6 |
| \$25,000-34,999 | 551 | 461,239 | 93 | 12.2 | 7.79-16.6 | 458 | 87.8 | 83.4-92.2 |
| \$35,000-49,999 | 725 | 636,454 | 149 | 16.4 | 12.3-20.6 | 576 | 83.6 | 79.4-87.7 |
| \$50,000-74,999 | 643 | 671,119 | 147 | 23.0 | 17.8-28.2 | 496 | 77.0 | 71.8-82.2 |
| \$75,000+ | 680 | 791,702 | 139 | 17.9 | 13.4-22.4 | 541 | 82.1 | 77.6-86.6 |

Percentage, C.I.(95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

## 2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM

THE FOLLOWING QUESTIONS ARE ABOUT HEALTH PROBLEMS OR IMPAIRMENTS YOU MAY HAVE. ARE YOU LIMITED IN ANY WAY IN ANY ACTIVITIES BECAUSE OF PHYSICAL, MENTAL, OR EMOTIONAL PROBLEMS? (QLACTLM2)

Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4652 | 4,152,511 | 1016 | 19.4 | 17.2-21.6 | 3636 | 80.6 | 78.4-82.8 |
| Male | 1740 | 2,047,698 | 363 | 17.5 | 14.4-20.7 | 1377 | 82.5 | 79.3-85.6 |
| Female | 2912 | 2,104,813 | 653 | 21.1 | 18.1-24.2 | 2259 | 78.8 | 75.8-81.9 |
| White/Non-Hisp | 3142 | 2,835,390 | 786 | 21.2 | 18.9-23.5 | 2356 | 78.8 | 76.5-81.1 |
| Black or Af. Am./Non-Hisp | 58 | 71,194 | 11 | 9.8 | 2.64-16.9 | 47 | 90.3 | 83.1-97.4 |
| Oth. Race/Non-Hisp. | 225 | 190,973 | 32 | 13.7 | 7.86-19.5 | 193 | 86.3 | 80.5-92.1 |
| Hispanic | 1126 | 983,943 | 155 | 15.9 | 9.44-22.4 | 971 | 84.1 | 77.6-90.6 |
| 18-24 | 226 | 560,150 | 19 | 13.6 | 3.67-23.6 | 207 | 86.3 | 76.4-96.3 |
| 25-34 | 608 | 805,219 | 54 | 7.6 | 4.21-11.0 | 554 | 92.4 | 89.0-95.8 |
| 35-44 | 761 | 772,632 | 106 | 12.3 | 8.02-16.5 | 655 | 87.8 | 83.5-92.0 |
| 45-54 | 865 | 713,150 | 186 | 23.0 | 17.8-28.1 | 679 | 77.0 | 71.9-82.2 |
| 55-64 | 826 | 524,473 | 235 | 30.1 | 24.7-35.6 | 591 | 69.9 | 64.4-75.3 |
| $65+$ | 1325 | 737,996 | 410 | 33.0 | 28.9-37.0 | 915 | 67.0 | 63.0-71.1 |
| H.S. or G.E.D. | 1317 | 1,100,360 | 287 | 17.9 | 14.2-21.6 | 1030 | 82.1 | 78.4-85.8 |
| Some Post-H.S. | 1368 | 1,263,344 | 344 | 23.3 | 19.7-27.0 | 1024 | 76.7 | 73.0-80.3 |
| College Graduate | 1371 | 1,278,429 | 249 | 15.1 | 11.7-18.4 | 1122 | 84.9 | 81.6-88.3 |
| \$15,000-24,999 | 853 | 648,457 | 212 | 22.0 | 17.1-26.9 | 641 | 78.0 | 73.1-82.9 |
| \$25,000-34,999 | 548 | 459,632 | 120 | 16.4 | 11.3-21.5 | 428 | 83.6 | 78.5-88.7 |
| \$35,000-49,999 | 723 | 636,067 | 129 | 17.5 | 12.8-22.1 | 594 | 82.5 | 77.9-87.2 |
| \$50,000-74,999 | 640 | 665,586 | 109 | 17.1 | 12.3-22.0 | 531 | 82.9 | 78.0-87.7 |
| \$75,000+ | 679 | 790,541 | 93 | 13.3 | 8.44-18.1 | 586 | 86.7 | 81.9-91.6 |

Percentage, C.I.(95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

## 2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM

DO YOU NOW HAVE ANY HEALTH PROBLEM THAT REQUIRES YOU TO USE SPECIAL EQUIPMENT, SUCH AS A CANE, A WHEELCHAIR, A SPECIAL BED, OR A SPECIAL TELEPHONE? INCLUDE OCCASIONAL USE OR USE IN CERTAIN CIRCUMSTANCES. (USEEQUIP)

Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4669 | 4,165,551 | 408 | 6.2 | 5.05-7.33 | 4261 | 93.8 | 92.7-94.9 |
| Male | 1743 | 2,050,922 | 141 | 6.6 | 4.60-8.68 | 1602 | 93.4 | 91.3-95.4 |
| Female | 2926 | 2,114,629 | 267 | 5.7 | 4.66-6.82 | 2659 | 94.3 | 93.2-95.3 |
| White/Non-Hisp | 3152 | 2,841,325 | 308 | 7.4 | 5.96-8.78 | 2844 | 92.6 | 91.2-94.0 |
| Black or Af. Am./Non-Hisp | 58 | 71,194 | 6 | 3.9 | 0.00-8.04 | 52 | 96.1 | 92.0-0100 |
| Oth. Race/Non-Hisp. | 229 | 197,540 | 14 | 4.3 | 1.16-7.36 | 215 | 95.7 | 92.6-98.8 |
| Hispanic | 1128 | 984,177 | 61 | 2.9 | 0.52-5.26 | 1067 | 97.1 | 94.7-99.5 |
| 18-24 | 227 | 560,651 | 5 | 0.9 | 0.00-1.80 | 222 | 99.1 | 98.2-0100 |
| 25-34 | 611 | 806,634 | 8 | 1.5 | 0.00-3.67 | 603 | 98.5 | 96.3-0100 |
| 35-44 | 765 | 782,738 | 26 | 3.9 | 0.57-7.27 | 739 | 96.1 | 92.7-99.4 |
| 45-54 | 867 | 711,851 | 54 | 4.9 | 2.83-7.03 | 813 | 95.1 | 93.0-97.2 |
| 55-64 | 829 | 526,443 | 82 | 7.5 | 4.86-10.2 | 747 | 92.5 | 89.8-95.1 |
| 65+ | 1330 | 738,588 | 231 | 18.2 | 14.8-21.7 | 1099 | 81.8 | 78.3-85.2 |
| Less Than H.S. | 592 | 510,252 | 61 | 6.5 | 1.83-11.3 | 531 | 93.4 | 88.7-98.2 |
| H.S. or G.E.D. | 1325 | 1,112,243 | 114 | 7.0 | 4.55-9.53 | 1211 | 93.0 | 90.5-95.4 |
| Some Post-H.S. | 1366 | 1,255,919 | 139 | 7.5 | 5.51-9.55 | 1227 | 92.5 | 90.5-94.5 |
| College Graduate | 1375 | 1,281,614 | 92 | 4.0 | 2.72-5.22 | 1283 | 96.0 | 94.8-97.3 |
| Less than \$15,000 | 513 | 370,359 | 93 | 9.8 | 6.42-13.3 | 420 | 90.1 | 86.7-93.6 |
| \$15,000-24,999 | 857 | 654,927 | 85 | 7.5 | 5.00-10.1 | 772 | 92.5 | 89.9-95.0 |
| \$25,000-34,999 | 549 | 459,821 | 44 | 7.5 | 4.23-10.8 | 505 | 92.5 | 89.2-95.8 |
| \$35,000-49,999 | 725 | 636,744 | 48 | 4.7 | 2.69-6.77 | 677 | 95.3 | 93.2-97.3 |
| \$50,000-74,999 | 640 | 661,455 | 31 | 4.3 | 1.78-6.92 | 609 | 95.6 | 93.1-98.2 |
| \$75,000+ | 680 | 791,376 | 14 | 1.7 | 0.21-3.15 | 666 | 98.3 | 96.9-99.8 |

## 2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM

the next questions refer to your Joints. PLEASE DO Not include the back or neck. during the past 30 days, have YOU HAD ANY SYMPTOMS OF PAIN, ACHING, OR STIFFNESS IN OR AROUND A JOINT? (PAIN30DY)

Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4651 | 4,153,442 | 1938 | 35.2 | 32.8-37.7 | 2713 | 64.8 | 62.3-67.2 |
| Male | 1738 | 2,047,064 | 699 | 32.6 | 28.9-36.4 | 1039 | 67.3 | 63.6-71.1 |
| Female | 2913 | 2,106,377 | 1239 | 37.7 | 34.5-41.0 | 1674 | 62.3 | 59.0-65.5 |
| White/Non-Hisp | 3139 | 2,832,195 | 1429 | 40.0 | 37.1-42.9 | 1710 | 60.0 | 57.1-62.9 |
| Oth. Race/Non-Hisp. | 226 | 195,953 | 77 | 32.5 | 22.6-42.4 | 149 | 67.5 | 57.6-77.4 |
| Hispanic | 1126 | 982,785 | 360 | 22.3 | 17.2-27.3 | 766 | 77.8 | 72.7-82.8 |
| 18-24 | 227 | 560,651 | 40 | 9.2 | 4.95-13.5 | 187 | 90.8 | 86.5-95.1 |
| 25-34 | 611 | 810,500 | 174 | 29.2 | 23.3-35.2 | 437 | 70.8 | 64.8-76.7 |
| 35-44 | 763 | 778,717 | 235 | 28.5 | 23.0-34.0 | 528 | 71.5 | 66.0-77.0 |
| 45-54 | 864 | 709,106 | 386 | 43.1 | 37.3-48.9 | 478 | 56.9 | 51.1-62.7 |
| 55-64 | 826 | 524,863 | 445 | 48.9 | 43.2-54.7 | 381 | 51.1 | 45.3-56.8 |
| $65+$ | 1321 | 734,754 | 646 | 52.0 | 47.7-56.2 | 675 | 48.0 | 43.8-52.3 |
| Less Than H.S. | 592 | 513,789 | 244 | 29.8 | 21.7-37.8 | 348 | 70.2 | 62.2-78.3 |
| H.S. or G.E.D. | 1316 | 1,105,951 | 514 | 32.9 | 28.2-37.7 | 802 | 67.0 | 62.3-71.8 |
| Some Post-H.S. | 1363 | 1,255,403 | 632 | 42.0 | 37.5-46.4 | 731 | 58.0 | 53.6-62.5 |
| College Graduate | 1369 | 1,272,776 | 543 | 32.9 | 28.8-36.9 | 826 | 67.1 | 63.1-71.2 |
| Less than \$15,000 | 511 | 368,239 | 258 | 39.6 | 29.8-49.4 | 253 | 60.4 | 50.6-70.2 |
| \$15,000-24,999 | 857 | 658,969 | 359 | 35.3 | 29.3-41.3 | 498 | 64.7 | 58.7-70.7 |
| \$25,000-34,999 | 547 | 459,485 | 231 | 35.9 | 28.3-43.5 | 316 | 64.1 | 56.5-71.7 |
| \$35,000-49,999 | 721 | 633,656 | 299 | 36.1 | 30.1-42.0 | 422 | 63.9 | 58.0-69.9 |
| \$50,000-74,999 | 639 | 665,251 | 263 | 37.5 | 31.3-43.7 | 376 | 62.5 | 56.3-68.7 |
| \$75,000+ | 677 | 782,060 | 245 | 30.8 | 25.3-36.4 | 432 | 69.2 | 63.6-74.7 |

Percentage, C.I.(95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

HAVE YOU EVER SEEN A DOCTOR OR OTHER HEALTH PROFESSIONAL FOR THESE JOINT SYMPTOMS? (JOINTRT2)
Denominator excludes: Respondents with do not know/refused/missing responses
Denominator excludes: Respondents that have not had joint pain in the past 30 days
Denominator excludes: Respondents whose symptoms did not begin more than 3 months ago

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 1631 | $1,185,828$ | 1258 | 75.3 | $71.5-79.1$ | 373 | 24.7 | $20.9-28.5$ |
| Male | 578 | 524,659 | 429 | 70.2 | $63.8-76.7$ | 149 | 29.8 | $23.3-36.2$ |
| Female | 1053 | 661,169 | 829 | 79.3 | $75.0-83.7$ | 224 | 20.7 | $16.3-25.0$ |
| White/Non-Hisp | 1214 | 926,852 | 954 | 77.0 | $73.0-81.1$ | 260 | 23.0 | $18.9-27.0$ |
| $45-54$ | 319 | 229,094 | 227 | 72.7 | $64.4-81.0$ | 92 | 27.3 | $19.0-35.6$ |
| 55-64 | 390 | 230,023 | 314 | 79.7 | $72.9-86.5$ | 76 | 20.3 | $13.5-27.1$ |
| 65+ | 565 | 326,692 | 472 | 84.7 | $80.1-89.3$ | 93 | 15.3 | $10.7-19.9$ |
| Less Than H.S. | 206 | 126,489 | 154 | 79.6 | $70.5-88.8$ | 52 | 20.3 | $11.2-29.5$ |
| H.S. or G.E.D. | 442 | 306,049 | 333 | 72.1 | $63.7-80.4$ | 109 | 27.9 | $19.6-36.3$ |
| Some Post-H.S. | 530 | 422,276 | 413 | 76.4 | $70.4-82.3$ | 117 | 23.6 | $17.7-29.6$ |
| College Graduate | 448 | 330,230 | 353 | 75.2 | $68.2-82.2$ | 95 | 24.8 | $17.8-31.8$ |
| \$15,000-24,999 | 308 | 195,953 | 243 | 72.8 | $63.5-82.1$ | 65 | 27.2 | $17.9-36.5$ |
| \$25,000-34,999 | 207 | 146,303 | 144 | 69.4 | $59.9-78.8$ | 63 | 30.6 | $21.2-40.1$ |
| \$35,000-49,999 | 244 | 188,901 | 184 | 79.6 | $71.7-87.6$ | 60 | 20.4 | $12.4-28.3$ |
| \$75,000+ | 204 | 174,163 | 163 | 79.8 | $70.4-89.3$ | 41 | 20.2 | $10.7-29.6$ |

## 2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM

ARE YOU NOW LIMITED IN ANY WAY IN ANY OF YOUR USUAL ACTIVITIES BECAUSE OF ARTHRITIS OR JOINT SYMPTOMS?
(LMTJOIN2)
Denominator excludes: Respondents with do not know/refused/missing responses
Denominator excludes: Respondents that have not had joint pain in the past 30 days or were not told they had arthritis

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 2123 | 1,553,368 | 732 | 31.8 | 28.5-35.0 | 1391 | 68.3 | 65.0-71.5 |
| Male | 748 | 698,538 | 238 | 25.5 | 20.5-30.5 | 510 | 74.5 | 69.5-79.5 |
| Female | 1375 | 854,830 | 494 | 36.8 | 32.5-41.1 | 881 | 63.2 | 58.9-67.5 |
| White/Non-Hisp | 1598 | 1,217,095 | 565 | 33.2 | 29.5-36.9 | 1033 | 66.8 | 63.1-70.5 |
| Hispanic | 372 | 220,512 | 117 | 26.3 | 17.2-35.4 | 255 | 73.7 | 64.6-82.8 |
| 25-34 | 149 | 192,992 | 32 | 16.7 | 8.70-24.6 | 117 | 83.3 | 75.4-91.3 |
| 35-44 | 214 | 194,298 | 55 | 17.5 | 10.2-24.9 | 159 | 82.4 | 75.1-89.8 |
| 45-54 | 397 | 308,042 | 144 | 38.6 | 30.2-47.0 | 253 | 61.4 | 53.0-69.8 |
| 55-64 | 488 | 313,612 | 188 | 35.4 | 28.6-42.3 | 300 | 64.6 | 57.7-71.5 |
| $65+$ | 830 | 472,837 | 302 | 38.9 | 33.5-44.2 | 528 | 61.1 | 55.8-66.5 |
| H.S. or G.E.D. | 578 | 389,327 | 172 | 28.1 | 21.9-34.3 | 406 | 71.9 | 65.7-78.1 |
| Some Post-H.S. | 681 | 564,477 | 254 | 34.5 | 28.8-40.3 | 427 | 65.5 | 59.7-71.2 |
| College Graduate | 573 | 438,885 | 190 | 30.0 | 23.7-36.2 | 383 | 70.0 | 63.8-76.3 |
| \$15,000-24,999 | 411 | 256,198 | 149 | 39.1 | 31.2-47.1 | 262 | 60.8 | 52.9-68.8 |
| \$25,000-34,999 | 246 | 174,326 | 79 | 30.9 | 22.2-39.7 | 167 | 69.1 | 60.3-77.8 |
| \$35,000-49,999 | 309 | 254,774 | 85 | 26.2 | 17.9-34.6 | 224 | 73.8 | 65.4-82.1 |
| \$50,000-74,999 | 278 | 269,130 | 74 | 22.6 | 15.2-30.0 | 204 | 77.4 | 70.0-84.8 |
| \$75,000+ | 268 | 233,836 | 76 | 27.0 | 18.0-35.9 | 192 | 73.0 | 64.1-82.0 |

2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM
HAVE YOU EVER BEEN TESTED FOR HIV? (HIVTST5)

## Denominator excludes: Respondents with do not know/refused/missing responses

Denominator excludes: Respondents aged 65 or older

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 3165 | 3,277,443 | 1222 | 36.0 | 32.9-39.1 | 1943 | 64.0 | 60.9-67.1 |
| Male | 1185 | 1,659,974 | 454 | 34.6 | 29.9-39.3 | 731 | 65.4 | 60.7-70.1 |
| Female | 1980 | 1,617,469 | 768 | 37.4 | 33.4-41.4 | 1212 | 62.6 | 58.6-66.6 |
| White/Non-Hisp | 1964 | 2,083,479 | 764 | 38.5 | 34.9-42.2 | 1200 | 61.5 | 57.8-65.1 |
| Oth. Race/Non-Hisp. | 182 | 170,567 | 69 | 33.4 | 23.4-43.4 | 113 | 66.6 | 56.6-76.6 |
| Hispanic | 915 | 914,549 | 345 | 28.4 | 22.4-34.5 | 570 | 71.6 | 65.5-77.6 |
| 18-24 | 216 | 539,253 | 79 | 20.1 | 12.7-27.4 | 137 | 79.9 | 72.6-87.3 |
| 25-34 | 574 | 775,708 | 317 | 49.4 | 42.3-56.6 | 257 | 50.5 | 43.4-57.7 |
| 35-44 | 726 | 745,128 | 343 | 45.8 | 39.5-52.1 | 383 | 54.2 | 47.9-60.5 |
| 45-54 | 824 | 670,494 | 300 | 35.6 | 29.9-41.2 | 524 | 64.4 | 58.8-70.1 |
| 55-64 | 788 | 513,585 | 178 | 20.4 | 15.7-25.1 | 610 | 79.6 | 74.9-84.3 |
| Less Than H.S. | 360 | 407,668 | 112 | 21.8 | 13.9-29.7 | 248 | 78.2 | 70.3-86.1 |
| H.S. or G.E.D. | 840 | 834,158 | 317 | 37.0 | 30.5-43.5 | 523 | 63.0 | 56.5-69.5 |
| Some Post-H.S. | 977 | 1,001,514 | 387 | 39.3 | 34.0-44.7 | 590 | 60.7 | 55.3-66.0 |
| College Graduate | 982 | 1,029,244 | 404 | 37.7 | 32.6-42.8 | 578 | 62.3 | 57.2-67.4 |
| \$15,000-24,999 | 553 | 510,015 | 207 | 38.9 | 30.7-47.1 | 346 | 61.1 | 52.9-69.3 |
| \$25,000-34,999 | 384 | 362,874 | 149 | 36.0 | 26.2-45.9 | 235 | 64.0 | 54.1-73.8 |
| \$35,000-49,999 | 516 | 490,946 | 203 | 35.2 | 28.0-42.4 | 313 | 64.8 | 57.6-72.0 |
| \$50,000-74,999 | 502 | 534,031 | 193 | 34.6 | 27.9-41.4 | 309 | 65.4 | 58.6-72.1 |
| \$75,000+ | 563 | 691,445 | 233 | 41.3 | 34.6-48.1 | 330 | 58.6 | 51.9-65.4 |

Percentage, C.I.(95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

## 2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM

WHICH STATEMENT BEST DESCRIBES THE RULES ABOUT SMOKING INSIDE YOUR HOME? (HOUSESMK)

## Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | No Smoking in House |  |  | Some Smoking in House |  |  | Smoke Anywhere in House |  |  | No Smoking Rules |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4410 | 3,931,498 | 3564 | 83.0 | 80.9-85.2 | 269 | 6.3 | 4.77-7.83 | 93 | 1.3 | 0.90-1.80 | 484 | 9.3 | 7.74-10.9 |
| Male | 1644 | 1,942,896 | 1279 | 80.7 | 77.1-84.3 | 91 | 6.1 | 3.66-8.52 | 52 | 1.7 | 0.96-2.42 | 222 | 11.5 | 8.71-14.4 |
| Female | 2766 | 1,988,603 | 2285 | 85.3 | 83.0-87.6 | 178 | 6.5 | 4.67-8.35 | 41 | 1.0 | 0.49-1.55 | 262 | 7.2 | 5.70-8.64 |
| White/Non-Hisp | 3014 | 2,681,212 | 2429 | 83.0 | 80.7-85.3 | 165 | 6.2 | 4.48-7.96 | 68 | 1.4 | 0.89-1.87 | 352 | 9.4 | 7.78-11.0 |
| Black or Af. Am./Non-Hisp | 52 | 61,469 | 38 | 67.9 | 46.5-89.3 | 4 | 13.4 | 0.00-30.9 | 6 | 8.2 | 0.00-17.3 | 4 | 10.5 | 0.00-24.8 |
| Oth. Race/Non-Hisp. | 203 | 172,626 | 163 | 79.8 | 69.8-89.8 | 11 | 7.8 | 0.00-16.2 | 4 | 2.1 | 0.00-5.93 | 25 | 10.3 | 4.38-16.2 |
| MultiRacial/Non-Hisp. | 39 | 32,141 | 29 | 84.2 | 68.3-0100 | 7 | 8.5 | 0.00-18.4 | 1 | 1.1 | 0.00-3.26 | 2 | 6.3 | 0.00-16.4 |
| Hispanic | 1045 | 949,097 | 865 | 84.5 | 79.0-90.0 | 77 | 5.8 | 2.45-9.19 | 12 | 0.6 | 0.00-1.42 | 91 | 9.0 | 4.46-13.6 |
| 18-24 | 213 | 522,645 | 177 | 82.9 | 74.1-91.7 | 15 | 7.7 | 1.44-13.9 | 3 | 0.8 | 0.00-2.06 | 18 | 8.7 | 2.07-15.3 |
| 25-34 | 570 | 767,682 | 488 | 85.3 | 79.8-90.8 | 47 | 10.3 | 5.13-15.5 | 5 | 0.2 | 0.00-0.35 | 30 | 4.2 | 2.04-6.40 |
| 35-44 | 715 | 723,468 | 595 | 83.2 | 78.2-88.2 | 58 | 6.3 | 3.57-8.97 | 10 | 1.4 | 0.10-2.64 | 52 | 9.2 | 4.80-13.5 |
| 45-54 | 818 | 675,677 | 643 | 83.1 | 79.0-87.2 | 44 | 4.4 | 2.34-6.50 | 33 | 3.4 | 1.65-5.17 | 98 | 9.1 | 5.78-12.4 |
| 55-64 | 786 | 507,776 | 610 | 79.6 | 74.9-84.2 | 51 | 5.6 | 3.05-8.07 | 20 | 1.4 | 0.63-2.15 | 105 | 13.5 | 9.36-17.6 |
| 65+ | 1271 | 700,974 | 1020 | 82.3 | 78.9-85.6 | 53 | 3.5 | 1.91-5.05 | 21 | 1.1 | 0.42-1.72 | 177 | 13.2 | 10.2-16.2 |
| Less Than H.S. | 540 | 479,130 | 427 | 77.1 | 67.7-86.5 | 38 | 9.5 | 3.61-15.3 | 13 | 1.7 | 0.00-3.42 | 62 | 11.8 | 3.89-19.6 |
| H.S. or G.E.D. | 1252 | 1,040,917 | 970 | 78.3 | 73.4-83.1 | 102 | 11.5 | 7.18-15.9 | 33 | 1.8 | 0.75-2.83 | 147 | 8.4 | 5.97-10.8 |
| Some Post-H.S. | 1297 | 1,183,111 | 1052 | 83.2 | 79.9-86.5 | 67 | 3.5 | 2.11-4.81 | 28 | 1.7 | 0.76-2.56 | 150 | 11.7 | 8.71-14.7 |
| College Graduate | 1311 | 1,222,944 | 1109 | 89.2 | 86.8-91.6 | 61 | 3.3 | 1.90-4.80 | 18 | 0.5 | 0.23-0.85 | 123 | 6.9 | 5.02-8.78 |
| Less than \$15,000 | 477 | 349,785 | 368 | 73.7 | 62.6-84.8 | 36 | 11.3 | 2.92-19.8 | 15 | 2.3 | 0.44-4.12 | 58 | 12.6 | 3.81-21.5 |
| \$15,000-24,999 | 802 | 621,249 | 618 | 78.4 | 72.7-84.1 | 66 | 9.9 | 5.10-14.8 | 15 | 0.8 | 0.22-1.48 | 103 | 10.8 | 7.26-14.4 |
| \$25,000-34,999 | 526 | 440,352 | 399 | 81.9 | 76.9-87.0 | 35 | 5.0 | 2.54-7.48 | 18 | 2.1 | 0.69-3.43 | 74 | 11.0 | 7.01-15.0 |
| \$35,000-49,999 | 691 | 598,749 | 567 | 83.4 | 78.8-88.0 | 48 | 6.1 | 3.29-8.89 | 18 | 2.8 | 0.79-4.79 | 58 | 7.7 | 4.32-11.1 |
| \$50,000-74,999 | 604 | 612,335 | 529 | 89.1 | 85.2-93.0 | 29 | 3.7 | 1.55-5.79 | 5 | 0.7 | 0.05-1.35 | 41 | 6.5 | 3.22-9.88 |
| \$75,000+ | 657 | 762,908 | 565 | 89.0 | 85.0-93.1 | 16 | 2.9 | 0.00-5.86 | 9 | 0.4 | 0.00-0.82 | 67 | 7.6 | 4.63-10.7 |

Percentage, C.I.(95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM WHILE WORKING AT YOUR JOB, ARE YOU INDOORS MOST OF THE TIME? (INDOORS)

Denominator excludes: Respondents with do not know/refused/missing responses
Denominator excludes: Respondents that reported being unemployed

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 2105 | 2,217,003 | 1621 | 78.0 | 74.7-81.4 | 484 | 21.9 | 18.6-25.3 |
| Male | 910 | 1,228,713 | 586 | 69.4 | 64.2-74.6 | 324 | 30.6 | 25.4-35.8 |
| Female | 1195 | 988,290 | 1035 | 88.8 | 85.5-92.1 | 160 | 11.2 | 7.90-14.5 |
| White/Non-Hisp | 1379 | 1,506,887 | 1106 | 81.6 | 78.1-85.2 | 273 | 18.4 | 14.8-21.9 |
| Black or Af. Am./Non-Hisp | 33 | 42,110 | 28 | 79.3 | 57.1-0100 | 5 | 20.6 | 0.00-42.9 |
| Oth. Race/Non-Hisp. | 102 | 90,239 | 82 | 80.4 | 68.9-91.8 | 20 | 19.6 | 8.17-31.1 |
| MultiRacial/Non-Hisp. | 17 | 10,374 | 12 | 78.9 | 56.4-0100 | 5 | 21.1 | 0.00-43.6 |
| Hispanic | 557 | 552,000 | 381 | 68.5 | 60.0-76.9 | 176 | 31.5 | 23.1-40.0 |
| 18-24 | 116 | 265,876 | 88 | 64.1 | 48.2-79.9 | 28 | 35.9 | 20.1-51.8 |
| 25-34 | 383 | 553,723 | 294 | 81.3 | 75.1-87.4 | 89 | 18.7 | 12.6-24.9 |
| 35-44 | 506 | 528,123 | 382 | 77.8 | 71.8-83.8 | 124 | 22.2 | 16.2-28.2 |
| 45-54 | 605 | 515,691 | 485 | 80.8 | 75.3-86.3 | 120 | 19.2 | 13.7-24.7 |
| 55-64 | 366 | 267,367 | 281 | 84.0 | 79.1-89.0 | 85 | 16.0 | 11.0-20.9 |
| 65+ | 113 | 74,648 | 80 | 65.3 | 50.6-80.0 | 33 | 34.7 | 20.0-49.4 |
| Less Than H.S. | 178 | 198,939 | 119 | 62.5 | 46.4-78.6 | 59 | 37.5 | 21.4-53.6 |
| H.S. or G.E.D. | 512 | 492,789 | 352 | 71.1 | 63.7-78.4 | 160 | 28.9 | 21.6-36.3 |
| Some Post-H.S. | 635 | 665,741 | 479 | 76.8 | 70.9-82.7 | 156 | 23.2 | 17.3-29.1 |
| College Graduate | 778 | 855,550 | 669 | 86.6 | 82.6-90.6 | 109 | 13.4 | 9.43-17.4 |
| Less than \$15,000 | 118 | 118,906 | 82 | 81.8 | 69.7-94.0 | 36 | 18.2 | 6.04-30.3 |
| \$15,000-24,999 | 309 | 275,996 | 225 | 67.2 | 54.9-79.5 | 84 | 32.8 | 20.5-45.1 |
| \$25,000-34,999 | 261 | 236,352 | 188 | 71.7 | 61.9-81.5 | 73 | 28.3 | 18.5-38.1 |
| \$35,000-49,999 | 382 | 371,618 | 295 | 81.9 | 75.4-88.5 | 87 | 18.0 | 11.5-24.6 |
| \$50,000-74,999 | 402 | 457,565 | 323 | 78.0 | 70.7-85.4 | 79 | 22.0 | 14.6-29.3 |
| \$75,000+ | 465 | 579,364 | 382 | 82.7 | 76.8-88.6 | 83 | 17.3 | 11.4-23.2 |

Percentage, C.I. (95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM
WHICH OF THE FOLLOWING BEST DESCRIBES YOUR PLACE OF WORKS OFFICIAL SMOKING POLICY FOR INDOOR PUBLIC OR COMMON AREAS, SUCH AS LOBBIES, REST ROOMS, AND LUNCH ROOMS? (SMKPUBLC)

Denominator excludes: Respondents with do not know/refused/missing responses
Denominator excludes: Respondents that reported being unemployed
Denominator excludes: Respondents that reported not being indoors most of the time

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Not Allowed in Any Public Areas |  |  | Allowed in Some Public Areas |  |  | Allowed in All Public Areas |  |  | No Official Policy |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 1593 | 1,695,543 | 1274 | 78.0 | 74.3-81.6 | 198 | 15.0 | 11.8-18.3 | 25 | 1.5 | 0.58-2.46 | 96 | 5.5 | 3.59-7.39 |
| Male | 577 | 829,727 | 441 | 74.3 | 68.4-80.2 | 89 | 17.9 | 12.5-23.3 | 9 | 2.1 | 0.33-3.97 | 38 | 5.7 | 2.89-8.49 |
| Female | 1016 | 865,816 | 833 | 81.5 | 77.2-85.8 | 109 | 12.3 | 8.62-16.0 | 16 | 0.9 | 0.28-1.54 | 58 | 5.3 | 2.70-7.92 |
| White/Non-Hisp | 1091 | 1,210,313 | 889 | 78.7 | 74.7-82.8 | 131 | 14.3 | 10.7-17.8 | 18 | 1.8 | 0.49-3.07 | 53 | 5.3 | 3.07-7.43 |
| Black or Af. Am./Non-Hisp | 28 | 33,415 | 24 | 95.5 | 89.7-0100 | 3 | 4.2 | 0.00-9.80 |  |  |  | 1 | 0.4 | 0.00-1.13 |
| Oth. Race/Non-Hisp. | 79 | 71,082 | 64 | 85.0 | 73.9-96.2 | 8 | 10.4 | 0.44-20.3 |  |  |  | 7 | 4.6 | 0.00-10.1 |
| MultiRacial/Non-Hisp. | 12 | 8,183 | 9 | 78.4 | 45.4-0100 | 3 | 21.6 | 0.00-54.6 |  |  |  |  |  |  |
| Hispanic | 371 | 364,400 | 279 | 72.2 | 62.2-82.3 | 52 | 19.6 | 10.3-28.8 | 6 | 1.1 | 0.03-2.19 | 34 | 7.1 | 2.04-12.2 |
| 18-24 | 87 | 170,183 | 59 | 61.6 | 44.0-79.3 | 21 | 29.7 | 12.6-46.8 | 1 | 0.9 | 0.00-2.55 | 6 | 7.8 | 0.06-15.5 |
| 25-34 | 289 | 442,165 | 227 | 73.6 | 65.2-82.1 | 37 | 17.3 | 9.92-24.8 | 7 | 2.7 | 0.02-5.36 | 18 | 6.3 | 1.84-10.8 |
| 35-44 | 375 | 394,156 | 306 | 82.8 | 76.6-88.9 | 45 | 11.1 | 6.35-15.8 | 5 | 0.8 | 0.00-1.83 | 19 | 5.4 | 1.11-9.77 |
| 45-54 | 476 | 412,050 | 384 | 81.4 | 75.6-87.3 | 61 | 13.1 | 8.10-18.1 | 6 | 1.8 | 0.00-4.06 | 25 | 3.7 | 1.02-6.32 |
| 55-64 | 277 | 219,704 | 227 | 83.2 | 76.3-90.1 | 28 | 11.3 | 5.16-17.4 | 4 | 0.7 | 0.00-1.70 | 18 | 4.8 | 1.34-8.32 |
| 65+ | 78 | 48,482 | 61 | 79.1 | 65.2-93.0 | 6 | 10.5 | 0.00-22.5 | 1 | 0.7 | 0.00-1.98 | 10 | 9.8 | 1.86-17.8 |
| Less Than H.S. | 115 | 112,706 | 76 | 59.3 | 39.1-79.5 | 23 | 29.6 | 9.19-50.0 | 4 | 1.0 | 0.00-2.12 | 12 | 10.1 | 0.00-22.4 |
| H.S. or G.E.D. | 345 | 347,066 | 258 | 73.8 | 65.2-82.3 | 52 | 18.9 | 11.3-26.5 | 11 | 1.7 | 0.48-2.94 | 24 | 5.6 | 1.07-10.2 |
| Some Post-H.S. | 469 | 498,944 | 364 | 74.7 | 68.2-81.3 | 65 | 17.1 | 11.2-23.0 | 5 | 0.9 | 0.00-2.05 | 35 | 7.3 | 3.70-10.8 |
| College Graduate | 662 | 732,843 | 575 | 84.9 | 80.3-89.6 | 58 | 9.6 | 5.81-13.4 | 4 | 1.9 | 0.00-3.85 | 25 | 3.6 | 1.27-5.85 |
| Less than \$15,000 | 79 | 95,516 | 54 | 77.5 | 61.8-93.1 | 15 | 14.1 | 2.08-26.2 | 1 | 0.1 | 0.00-0.40 | 9 | 8.3 | 0.00-17.5 |
| \$15,000-24,999 | 216 | 171,565 | 156 | 71.8 | 59.3-84.3 | 33 | 18.7 | 7.72-29.6 | 7 | 1.4 | 0.04-2.70 | 20 | 8.1 | 0.00-16.5 |
| \$25,000-34,999 | 185 | 168,571 | 137 | 65.8 | 53.5-78.2 | 29 | 24.6 | 13.4-35.8 | 3 | 1.8 | 0.00-4.46 | 16 | 7.7 | 0.67-14.7 |
| \$35,000-49,999 | 289 | 301,267 | 238 | 77.2 | 67.0-87.4 | 36 | 18.3 | 8.25-28.4 | 6 | 2.3 | 0.00-5.35 | 9 | 2.2 | 0.51-3.81 |
| \$50,000-74,999 | 322 | 354,478 | 268 | 78.0 | 70.2-85.8 | 33 | 11.2 | 5.54-16.9 | 4 | 3.0 | 0.00-6.33 | 17 | 7.7 | 2.26-13.2 |
| \$75,000+ | 378 | 471,503 | 326 | 86.8 | 81.4-92.2 | 35 | 10.0 | 5.04-15.0 |  |  |  | 17 | 3.2 | 0.91-5.57 |

Percentage, C.I. (95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM
WHICH OF THE FOLLOWING BEST DESCRIBES YOUR PLACE OF WORKS OFFICIAL SMOKING POLICY FOR WORK AREAS? (SMKWORK)
Denominator excludes: Respondents with do not know/refused/missing responses
Denominator excludes: Respondents that reported being unemployed
Denominator excludes: Respondents that reported not being indoors most of the time

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Not Allowed in Any Work Areas |  |  | Allowed in Some Work Areas |  |  | Allowed in All Work Areas |  |  | No Official Policy |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 1593 | 1,699,058 | 1373 | 85.2 | 82.0-88.4 | 124 | 8.1 | 5.53-10.7 | 17 | 1.0 | 0.19-1.91 | 79 | 5.7 | 3.62-7.70 |
| Male | 576 | 829,447 | 481 | 81.7 | 76.4-87.1 | 52 | 9.8 | 5.57-14.1 | 8 | 1.8 | 0.01-3.49 | 35 | 6.7 | 3.41-9.99 |
| Female | 1017 | 869,611 | 892 | 88.5 | 84.9-92.2 | 72 | 6.4 | 3.58-9.30 | 9 | 0.4 | 0.09-0.67 | 44 | 4.7 | 2.19-7.13 |
| White/Non-Hisp | 1089 | 1,207,239 | 963 | 87.7 | 84.5-90.8 | 69 | 6.2 | 3.99-8.35 | 11 | 1.2 | 0.01-2.41 | 46 | 5.0 | 2.78-7.14 |
| Black or Af. Am./Non-Hisp | 27 | 33,290 | 26 | 99.4 | 98.1-0100 | 1 | 0.6 | 0.00-1.86 |  |  |  |  |  |  |
| Oth. Race/Non-Hisp. | 80 | 71,458 | 72 | 95.7 | 91.8-99.5 | 2 | 1.4 | 0.00-3.80 |  |  |  | 6 | 2.9 | 0.00-5.82 |
| MultiRacial/Non-Hisp. | 12 | 8,183 | 10 | 79.3 | 46.4-0100 | 2 | 20.7 | 0.00-53.6 |  |  |  |  |  |  |
| Hispanic | 373 | 370,737 | 292 | 74.5 | 64.5-84.6 | 49 | 15.5 | 6.59-24.4 | 6 | 0.9 | 0.04-1.68 | 26 | 9.1 | 3.05-15.2 |
| 18-24 | 87 | 170,312 | 66 | 79.2 | 63.9-94.5 | 13 | 14.9 | 0.00-29.8 | 1 | 0.6 | 0.00-1.89 | 7 | 5.3 | 0.38-10.2 |
| 25-34 | 288 | 444,522 | 243 | 82.1 | 74.9-89.4 | 25 | 9.0 | 3.53-14.5 | 4 | 2.0 | 0.00-4.55 | 16 | 6.8 | 2.10-11.6 |
| 35-44 | 376 | 398,911 | 329 | 86.8 | 80.7-92.9 | 29 | 6.4 | 2.74-10.0 | 5 | 0.2 | 0.00-0.49 | 13 | 6.6 | 1.40-11.7 |
| 45-54 | 478 | 410,253 | 412 | 87.6 | 82.7-92.6 | 40 | 6.5 | 3.29-9.75 | 6 | 1.6 | 0.00-3.79 | 20 | 4.3 | 0.92-7.58 |
| 55-64 | 276 | 218,099 | 249 | 87.3 | 80.2-94.5 | 11 | 7.7 | 1.37-14.0 | 1 | 0.1 | 0.00-0.44 | 15 | 4.8 | 1.00-8.64 |
| 65+ | 77 | 48,159 | 63 | 88.2 | 76.4-99.9 | 6 | 6.7 | 0.00-18.0 |  |  |  | 8 | 5.1 | 1.02-9.26 |
| Less Than H.S. | 114 | 116,615 | 78 | 51.1 | 31.8-70.4 | 24 | 31.4 | 11.1-51.8 | 4 | 1.1 | 0.00-2.36 | 8 | 16.4 | 0.69-32.1 |
| H.S. or G.E.D. | 345 | 345,792 | 284 | 85.2 | 78.9-91.6 | 28 | 6.4 | 2.65-10.1 | 7 | 1.0 | 0.14-1.90 | 26 | 7.4 | 2.18-12.6 |
| Some Post-H.S. | 468 | 495,150 | 400 | 84.4 | 78.9-90.0 | 40 | 8.2 | 3.87-12.6 | 3 | 0.1 | 0.00-0.24 | 25 | 7.2 | 3.34-11.1 |
| College Graduate | 664 | 737,516 | 609 | 91.0 | 87.4-94.6 | 32 | 5.2 | 2.42-7.94 | 3 | 1.7 | 0.00-3.63 | 20 | 2.1 | 0.67-3.57 |
| Less than \$15,000 | 81 | 96,955 | 65 | 88.4 | 76.2-0100 | 8 | 8.2 | 0.00-19.8 | 2 | 1.2 | 0.00-3.46 | 6 | 2.2 | 0.00-4.69 |
| \$15,000-24,999 | 217 | 176,081 | 174 | 71.8 | 58.8-84.9 | 24 | 12.5 | 2.82-22.2 | 5 | 1.1 | 0.01-2.13 | 14 | 14.6 | 3.51-25.7 |
| \$25,000-34,999 | 185 | 168,336 | 154 | 87.6 | 80.7-94.5 | 17 | 8.9 | 2.77-15.1 | 3 | 0.8 | 0.00-1.74 | 11 | 2.7 | 0.00-5.64 |
| \$35,000-49,999 | 289 | 300,308 | 255 | 83.6 | 73.8-93.5 | 23 | 10.4 | 1.26-19.6 | 3 | 1.6 | 0.00-4.59 | 8 | 4.3 | 0.27-8.31 |
| \$50,000-74,999 | 323 | 357,051 | 287 | 85.2 | 78.3-92.2 | 19 | 5.8 | 1.69-9.81 | 2 | 2.2 | 0.00-5.34 | 15 | 6.8 | 1.41-12.2 |
| \$75,000+ | 377 | 466,531 | 337 | 90.4 | 86.1-94.7 | 25 | 6.7 | 2.99-10.4 |  |  |  | 15 | 2.9 | 0.66-5.20 |

Percentage, C.I. (95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM
A BLOOD STOOL TEST IS A TEST THAT MAY USE A SPECIAL KIT AT HOME TO DETERMINE WHETHER THE STOOL CONTAINS BLOOD. HAVE YOU EVER HAD THIS TEST USING A HOME KIT? (BLDSTOOL)
Denominator excludes: Respondents with do not know/refused/missing responses
Denominator excludes: Respondents less than 50 years old

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Yes |  |  | No |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 2467 | 1,544,101 | 1066 | 45.0 | 41.7-48.2 | 1401 | 55.0 | 51.8-58.3 |
| Male | 936 | 710,760 | 408 | 44.0 | 38.8-49.3 | 528 | 56.0 | 50.7-61.2 |
| Female | 1531 | 833,341 | 658 | 45.8 | 41.7-49.8 | 873 | 54.2 | 50.2-58.3 |
| White/Non-Hisp | 1951 | 1,324,430 | 921 | 47.2 | 43.7-50.7 | 1030 | 52.8 | 49.3-56.3 |
| 45-54 | 412 | 330,196 | 98 | 23.0 | 15.9-30.0 | 314 | 77.0 | 70.0-84.1 |
| 55-64 | 785 | 509,466 | 356 | 49.1 | 43.2-54.9 | 429 | 50.9 | 45.1-56.8 |
| 65+ | 1270 | 704,439 | 612 | 52.3 | 48.0-56.6 | 658 | 47.7 | 43.4-52.0 |
| Less Than H.S. | 306 | 127,760 | 69 | 32.4 | 22.5-42.4 | 237 | 67.6 | 57.6-77.5 |
| H.S. or G.E.D. | 697 | 390,888 | 289 | 40.6 | 34.8-46.3 | 408 | 59.4 | 53.7-65.2 |
| Some Post-H.S. | 733 | 517,158 | 355 | 51.3 | 45.3-57.2 | 378 | 48.7 | 42.8-54.7 |
| College Graduate | 724 | 507,034 | 351 | 45.2 | 39.4-51.0 | 373 | 54.8 | 49.0-60.6 |
| Less than \$15,000 | 295 | 116,823 | 98 | 39.6 | 30.3-48.9 | 197 | 60.4 | 51.1-69.7 |
| \$15,000-24,999 | 449 | 222,217 | 182 | 46.4 | 38.8-54.1 | 267 | 53.6 | 45.9-61.2 |
| \$25,000-34,999 | 266 | 147,714 | 122 | 45.9 | 36.4-55.3 | 144 | 54.1 | 44.7-63.6 |
| \$35,000-49,999 | 379 | 268,802 | 176 | 44.1 | 35.8-52.5 | 203 | 55.9 | 47.5-64.2 |
| \$50,000-74,999 | 302 | 268,293 | 142 | 49.4 | 40.4-58.4 | 160 | 50.6 | 41.6-59.6 |
| \$75,000+ | 327 | 262,062 | 145 | 38.1 | 30.1-46.2 | 182 | 61.9 | 53.8-69.9 |

Percentage, C.I. (95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

## 2005 ARIZONA BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM RISK FACTOR FOR HEALTH STATUS (_RFHLTH)

## Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | Good or Better Health |  |  | Fair or Poor Health |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4680 | 4,206,902 | 3748 | 84.4 | 82.7-86.2 | 932 | 15.5 | 13.8-17.3 |
| Male | 1754 | 2,084,969 | 1454 | 86.6 | 84.0-89.2 | 300 | 13.4 | 10.8-16.0 |
| Female | 2926 | 2,121,934 | 2294 | 82.4 | 79.9-84.8 | 632 | 17.6 | 15.2-20.1 |
| White/Non-Hisp | 3156 | 2,872,450 | 2623 | 86.5 | 84.7-88.3 | 533 | 13.5 | 11.7-15.3 |
| Black or Af. Am./Non-Hisp | 59 | 71,439 | 47 | 87.0 | 77.5-96.5 | 12 | 13.0 | 3.47-22.5 |
| Oth. Race/Non-Hisp. | 230 | 200,104 | 180 | 82.4 | 75.3-89.5 | 50 | 17.6 | 10.5-24.7 |
| Hispanic | 1132 | 991,523 | 820 | 79.1 | 73.9-84.3 | 312 | 20.9 | 15.7-26.1 |
| 18-24 | 228 | 567,586 | 208 | 95.0 | 91.8-98.2 | 20 | 5.0 | 1.84-8.22 |
| 25-34 | 614 | 818,698 | 544 | 88.5 | 84.1-92.9 | 70 | 11.5 | 7.13-15.9 |
| 35-44 | 768 | 786,842 | 658 | 85.6 | 80.9-90.3 | 110 | 14.4 | 9.66-19.1 |
| 45-54 | 874 | 720,401 | 713 | 84.1 | 79.8-88.4 | 161 | 15.9 | 11.6-20.2 |
| 55-64 | 831 | 530,743 | 637 | 81.7 | 77.7-85.7 | 194 | 18.3 | 14.3-22.3 |
| 65+ | 1322 | 743,386 | 952 | 73.5 | 69.8-77.2 | 370 | 26.5 | 22.8-30.2 |
| Less Than H.S. | 594 | 522,550 | 333 | 66.8 | 58.2-75.4 | 261 | 33.2 | 24.6-41.8 |
| H.S. or G.E.D. | 1330 | 1,116,516 | 1048 | 82.5 | 78.7-86.2 | 282 | 17.5 | 13.8-21.3 |
| Some Post-H.S. | 1362 | 1,263,131 | 1132 | 85.0 | 82.0-88.0 | 230 | 15.0 | 12.0-18.0 |
| College Graduate | 1384 | 1,299,600 | 1229 | 93.0 | 91.0-95.0 | 155 | 7.0 | 5.02-9.02 |
| Less than \$15,000 | 509 | 369,677 | 294 | 65.9 | 56.4-75.4 | 215 | 34.1 | 24.6-43.6 |
| \$15,000-24,999 | 859 | 659,008 | 606 | 71.8 | 66.1-77.4 | 253 | 28.3 | 22.6-33.9 |
| \$25,000-34,999 | 553 | 461,325 | 459 | 84.2 | 78.9-89.5 | 94 | 15.8 | 10.5-21.1 |
| \$35,000-49,999 | 724 | 635,456 | 642 | 91.2 | 88.3-94.1 | 82 | 8.8 | 5.94-11.7 |
| \$50,000-74,999 | 643 | 675,379 | 585 | 92.5 | 89.3-95.6 | 58 | 7.5 | 4.35-10.7 |
| \$75,000+ | 685 | 805,892 | 639 | 94.4 | 91.5-97.3 | 46 | 5.6 | 2.72-8.48 | RISK FACTOR FOR OVERWEIGHT OR OBESE (_RFBMI4).

## Denominator excludes: Respondents with do not know/refused/missing responses

| DEMOGRAPHIC | RESPONDENT NUMBER |  | No |  |  | Yes |  |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| GROUPS | TOTAL | WEIGHTED | N | \% | C.I. (95\%) | N | \% | C.I. (95\%) |
| TOTAL | 4437 | $4,019,891$ | 1792 | 43.9 | $40.9-46.8$ | 2645 | 56.1 | $53.2-59.1$ |
| Male | 1716 | $2,027,117$ | 534 | 35.7 | $31.2-40.3$ | 1182 | 64.3 | $59.7-68.8$ |
| Female | 2721 | $1,992,774$ | 1258 | 52.1 | $48.4-55.9$ | 1463 | 47.9 | $44.1-51.6$ |
| White/Non-Hisp | 3046 | $2,788,718$ | 1320 | 46.3 | $43.2-49.4$ | 1726 | 53.7 | $50.6-56.8$ |
| Oth. Race/Non-Hisp. | 218 | 195,126 | 76 | 35.8 | $26.1-45.5$ | 142 | 64.2 | $54.5-73.9$ |
| Hispanic | 1028 | 901,793 | 347 | 39.3 | $31.2-47.3$ | 681 | 60.7 | $52.7-68.8$ |
| $25-34$ | 578 | 767,609 | 259 | 45.6 | $38.6-52.6$ | 319 | 54.4 | $47.4-61.4$ |
| $35-44$ | 730 | 747,923 | 274 | 39.5 | $33.4-45.6$ | 456 | 60.5 | $54.4-66.6$ |
| $45-54$ | 830 | 692,474 | 306 | 37.2 | $31.6-42.9$ | 524 | 62.8 | $57.1-68.4$ |
| $55-64$ | 793 | 516,408 | 274 | 35.9 | $30.3-41.5$ | 519 | 64.1 | $58.5-69.7$ |
| $65+$ | 1267 | 725,707 | 529 | 42.5 | $38.2-46.7$ | 738 | 57.5 | $53.3-61.8$ |
| H.S. or G.E.D. | 1254 | $1,051,144$ | 468 | 44.1 | $38.1-50.2$ | 786 | 55.8 | $49.8-61.9$ |
| Some Post-H.S. | 1318 | $1,228,874$ | 516 | 39.0 | $34.5-43.6$ | 802 | 60.9 | $56.4-65.5$ |
| College Graduate | 1341 | $1,261,495$ | 636 | 49.2 | $44.6-53.9$ | 705 | 50.8 | $46.1-55.4$ |
| $\$ 15,000-24,999$ | 812 | 619,104 | 300 | 38.5 | $31.5-45.6$ | 512 | 61.5 | $54.4-68.5$ |
| $\$ 25,000-34,999$ | 526 | 443,765 | 206 | 44.8 | $35.0-54.6$ | 320 | 55.2 | $45.4-65.0$ |
| $\$ 35,000-49,999$ | 705 | 622,185 | 279 | 42.2 | $35.5-48.8$ | 426 | 57.8 | $51.2-64.5$ |
| $\$ 50,000-74,999$ | 631 | 663,264 | 241 | 36.5 | $30.3-42.7$ | 390 | 63.5 | $57.3-69.7$ |
| $\$ 75,000+$ | 795,090 | 306 | 49.7 | $43.3-56.2$ | 364 | 50.3 | $43.8-56.7$ |  |

Percentage, C.I.(95\%) = Confidence Interval (at 95 percent probability level). Percentages are weighted to population characteristics.

AZ1_1. HAVE YOU EVER BEEN TOLD BY A DOCTOR THAT YOU HAVE A SEIZURE DISORDER OR EPILEPSY?

|  |  | Yes |  | No |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| Total |  | 61 | 1.4\% | 4346 | 98.6\% | 4407 | 100.0\% |
| SEX | Male | 20 | .6\% | 1625 | 99.4\% | 1645 | 100.0\% |
|  | Female | 41 | 2.1\% | 2721 | 97.9\% | 2762 | 100.0\% |
| SIX LEVEL <br> IMPUTED AGE CATEGORY | 18-24 | 1 | .1\% | 210 | 99.9\% | 211 | 100.0\% |
|  | 25 to 34 | 5 | . $9 \%$ | 562 | 99.1\% | 567 | 100.0\% |
|  | 35 to 44 | 10 | 2.3\% | 711 | 97.7\% | 721 | 100.0\% |
|  | 45 to 54 | 26 | 3.2\% | 802 | 96.8\% | 828 | 100.0\% |
|  | 55 to 64 | 9 | . $5 \%$ | 795 | 99.5\% | 804 | 100.0\% |
|  | 65 or older | 10 | .6\% | 1266 | 99.4\% | 1276 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 5 | 1.7\% | 539 | 98.3\% | 544 | 100.0\% |
|  | Graduated High School | 17 | 1.2\% | 1234 | 98.8\% | 1251 | 100.0\% |
|  | Attended College or Tech School | 19 | 1.4\% | 1273 | 98.6\% | 1292 | 100.0\% |
|  | Graduated from College or Tech School | 20 | 1.3\% | 1290 | 98.7\% | 1310 | 100.0\% |
|  | DK/NS/Ref | 0 | .0\% | 10 | 100.0\% | 10 | 100.0\% |
| INCOME CATEGORIES | Less than \$15,000 | 12 | 2.2\% | 463 | 97.8\% | 475 | 100.0\% |
|  | \$15,000 to less than \$25,000 | 11 | 2.1\% | 788 | 97.9\% | 799 | 100.0\% |
|  | $\$ 25,000$ to less than \$35,000 | 6 | . $4 \%$ | 519 | 99.6\% | 525 | 100.0\% |
|  | $\$ 35,000$ to less than \$50,000 | 13 | 2.3\% | 676 | 97.7\% | 689 | 100.0\% |
|  | \$50,000 or more | 11 | . $7 \%$ | 1250 | 99.3\% | 1261 | 100.0\% |
|  | DK/NS/Ref | 8 | 1.2\% | 650 | 98.8\% | 658 | 100.0\% |
| WHITE/HISPANIC RACE GROUP | Non-Hispanic White | 48 | 1.5\% | 2964 | 98.5\% | 3012 | 100.0\% |
|  | Non-White or Hispanic | 13 | 1.1\% | 1324 | 98.9\% | 1337 | 100.0\% |
|  | DK/NS/Refused | 0 | .0\% | 58 | 100.0\% | 58 | 100.0\% |
| HISPANIC ORIGIN | Yes | 10 | 1.3\% | 1033 | 98.7\% | 1043 | 100.0\% |
|  | No | 51 | 1.4\% | 3286 | 98.6\% | 3337 | 100.0\% |
|  | DK/NS | 0 | . $0 \%$ | 14 | 100.0\% | 14 | 100.0\% |
|  | Refused | 0 | . $0 \%$ | 13 | 100.0\% | 13 | 100.0\% |

AZ1_2. ARE YOU CURRENTLY TAKING ANY MEDICINE TO CONTROL YOUR SEIZURE DISORDER OR EPILEPSY?

|  |  | Yes |  | No |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| Total |  | 30 | 29.4\% | 30 | 70.6\% | 60 | 100.0\% |
| SEX | Male | 10 | 35.0\% | 9 | 65.0\% | 19 | 100.0\% |
|  | Female | 20 | 27.7\% | 21 | 72.3\% | 41 | 100.0\% |
| SIX LEVEL IMPUTED AGE CATEGORY | 18-24 | 0 | .0\% | 1 | 100.0\% | 1 | 100.0\% |
|  | 25 to 34 | 2 | 30.7\% | 3 | 69.3\% | 5 | 100.0\% |
|  | 35 to 44 | 2 | 5.4\% | 8 | 94.6\% | 10 | 100.0\% |
|  | 45 to 54 | 14 | 39.3\% | 12 | 60.7\% | 26 | 100.0\% |
|  | 55 to 64 | 4 | 33.0\% | 4 | 67.0\% | 8 | 100.0\% |
|  | 65 or older | 8 | 70.7\% | 2 | 29.3\% | 10 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 3 | 9.1\% | 2 | 90.9\% | 5 | 100.0\% |
|  | Graduated High School | 6 | 27.0\% | 11 | 73.0\% | 17 | 100.0\% |
|  | Attended College or Tech School | 8 | 17.7\% | 11 | 82.3\% | 19 | 100.0\% |
|  | Graduated from College or Tech School | 13 | 53.1\% | 6 | 46.9\% | 19 | 100.0\% |
| INCOME CATEGORIES | Less than \$15,000 | 6 | 77.0\% | 5 | 23.0\% | 11 | 100.0\% |
|  | $\$ 15,000$ to less than \$25,000 | 4 | 12.5\% | 7 | 87.5\% | 11 | 100.0\% |
|  | $\begin{aligned} & \$ 25,000 \text { to less than } \\ & \$ 35,000 \end{aligned}$ | 3 | 38.5\% | 3 | 61.5\% | 6 | 100.0\% |
|  | $\begin{aligned} & \$ 35,000 \text { to less than } \\ & \$ 50,000 \end{aligned}$ | 6 | 17.9\% | 7 | 82.1\% | 13 | 100.0\% |
|  | \$50,000 or more | 4 | 29.7\% | 7 | 70.3\% | 11 | 100.0\% |
|  | DK/NS/Ref | 7 | 32.3\% | 1 | 67.7\% | 8 | 100.0\% |
| WHITEIHISPANIC RACE GROUP | Non-Hispanic White | 24 | 35.3\% | 23 | 64.7\% | 47 | 100.0\% |
|  | Non-White or Hispanic | 6 | 11.7\% | 7 | 88.3\% | 13 | 100.0\% |
| HISPANIC ORIGIN | Yes | 5 | 9.4\% | 5 | 90.6\% | 10 | 100.0\% |
|  | No | 25 | 35.4\% | 25 | 64.6\% | 50 | 100.0\% |

AZ1_3. HOW MANY SEIZURES OF ANY TYPE HAVE YOU HAD IN THE LAST THREE MONTHS?

|  |  | None |  | One |  | More than one |  | No longer have epilepsy or seizure disorder |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  | 43 | 78.4\% | 2 | .8\% | 12 | 9.6\% | 2 | 11.2\% | 59 | 100.0\% |
| SEX | Male | 14 | 74.4\% | 0 | .0\% | 5 | 25.6\% | 0 | .0\% | 19 | 100.0\% |
|  | Female | 29 | 79.6\% | 2 | 1.0\% | 7 | 4.9\% | 2 | 14.5\% | 40 | 100.0\% |
| SIX LEVEL IMPUTED AGE CATEGORY | 18-24 | 1 | 100.0\% | 0 | .0\% | 0 | . $0 \%$ | 0 | . $0 \%$ | 1 | 100.0\% |
|  | 25 to 34 | 3 | 92.4\% | 1 | 4.1\% | 0 | . $0 \%$ | 1 | 3.5\% | 5 | 100.0\% |
|  | 35 to 44 | 10 | 100.0\% | 0 | .0\% | 0 | . $0 \%$ | 0 | .0\% | 10 | 100.0\% |
|  | 45 to 54 | 13 | 51.5\% | 0 | .0\% | 10 | 22.1\% | 1 | 26.4\% | 24 | 100.0\% |
|  | 55 to 64 | 6 | 81.7\% | 1 | 5.1\% | 2 | 13.3\% | 0 | .0\% | 9 | 100.0\% |
|  | 65 or older | 10 | 100.0\% | 0 | .0\% | 0 | .0\% | 0 | . $0 \%$ | 10 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 1 | 90.7\% | 0 | .0\% | 3 | 9.3\% | 0 | . $0 \%$ | 4 | 100.0\% |
|  | Graduated High School | 12 | 79.9\% | 0 | .0\% | 4 | 18.1\% | 1 | 2.0\% | 17 | 100.0\% |
|  | Attended College or Tech School | 14 | 54.1\% | 1 | .8\% | 3 | 9.9\% | 1 | 35.3\% | 19 | 100.0\% |
|  | Graduated from College or Tech School | 16 | 95.2\% | 1 | 1.8\% | 2 | 2.9\% | 0 | . $0 \%$ | 19 | 100.0\% |
| INCOME CATEGORIES | $\begin{aligned} & \hline \text { Less than } \\ & \$ 15,000 \\ & \hline \end{aligned}$ | 6 | 83.0\% | 0 | .0\% | 6 | 17.0\% | 0 | . $0 \%$ | 12 | 100.0\% |
|  | \$15,000 to less than $\$ 25,000$ | 11 | 100.0\% | 0 | .0\% | 0 | . $0 \%$ | 0 | .0\% | 11 | 100.0\% |
|  | $\$ 25,000$ to less than $\$ 35,000$ | 2 | 32.5\% | 2 | 25.8\% | 2 | 41.7\% | 0 | . $0 \%$ | 6 | 100.0\% |
|  | $\$ 35,000$ to less than \$50,000 | 8 | 36.6\% | 0 | .0\% | 3 | 20.7\% | 2 | 42.6\% | 13 | 100.0\% |
|  | \$50,000 or more | 11 | 100.0\% | 0 | .0\% | 0 | . $0 \%$ | 0 | . $0 \%$ | 11 | 100.0\% |
|  | DK/NS/Ref | 5 | 96.3\% | 0 | .0\% | 1 | 3.7\% | 0 | .0\% | 6 | 100.0\% |
| WHITE/HISPANIC RACE GROUP | Non-Hispanic White | 36 | 74.8\% | 2 | 1.1\% | 7 | 9.2\% | 2 | 14.9\% | 47 | 100.0\% |
|  | Non-White or Hispanic | 7 | 89.2\% | 0 | .0\% | 5 | 10.8\% | 0 | .0\% | 12 | 100.0\% |
| HISPANIC ORIGIN | Yes | 7 | 97.3\% | 0 | .0\% | 2 | 2.7\% | 0 | .0\% | 9 | 100.0\% |
|  | No | 36 | 72.8\% | 2 | 1.0\% | 10 | 11.6\% | 2 | 14.5\% | 50 | 100.0\% |

AZ1_4. IN THE PAST YEAR, HAVE YOU SEEN A NEUROLOGIST OR EPILEPSY SPECIALIST FOR YOUR EPILEPSY OR SEIZURE DISORDER?

|  |  | Yes |  | No |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| Total |  | 17 | 35.8\% | 41 | 64.2\% | 58 | 100.0\% |
| SEX | Male | 4 | 15.0\% | 15 | 85.0\% | 19 | 100.0\% |
|  | Female | 13 | 42.9\% | 26 | 57.1\% | 39 | 100.0\% |
| SIX LEVEL IMPUTED AGE CATEGORY | 18-24 | 0 | .0\% | 1 | 100.0\% | 1 | 100.0\% |
|  | 25 to 34 | 2 | 31.8\% | 2 | 68.2\% | 4 | 100.0\% |
|  | 35 to 44 | 3 | 60.5\% | 7 | 39.5\% | 10 | 100.0\% |
|  | 45 to 54 | 8 | 20.6\% | 16 | 79.4\% | 24 | 100.0\% |
|  | 55 to 64 | 2 | 13.3\% | 7 | 86.7\% | 9 | 100.0\% |
|  | 65 or older | 2 | 19.4\% | 8 | 80.6\% | 10 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 4 | 94.9\% | 1 | 5.1\% | 5 | 100.0\% |
|  | Graduated High School | 5 | 40.6\% | 11 | 59.4\% | 16 | 100.0\% |
|  | Attended College or Tech School | 3 | 14.2\% | 15 | 85.8\% | 18 | 100.0\% |
|  | Graduated from College or Tech School | 5 | 15.8\% | 14 | 84.2\% | 19 | 100.0\% |
| INCOME CATEGORIES | Less than \$15,000 | 4 | 9.5\% | 8 | 90.5\% | 12 | 100.0\% |
|  | $\$ 15,000$ to less than \$25,000 | 2 | 72.7\% | 9 | 27.3\% | 11 | 100.0\% |
|  | $\$ 25,000$ to less than \$35,000 | 3 | 59.7\% | 3 | 40.3\% | 6 | 100.0\% |
|  | $\$ 35,000$ to less than \$50,000 | 3 | 29.7\% | 8 | 70.3\% | 11 | 100.0\% |
|  | \$50,000 or more | 1 | 19.6\% | 9 | 80.4\% | 10 | 100.0\% |
|  | DK/NS/Ref | 4 | 16.4\% | 4 | 83.6\% | 8 | 100.0\% |
| WHITE/HISPAN IC RACE GROUP | Non-Hispanic White | 10 | 16.7\% | 35 | 83.3\% | 45 | 100.0\% |
|  | Non-White or Hispanic | 7 | 83.5\% | 6 | 16.5\% | 13 | 100.0\% |
| HISPANIC ORIGIN | Yes | 6 | 86.6\% | 4 | 13.4\% | 10 | 100.0\% |
|  | No | 11 | 17.7\% | 37 | 82.3\% | 48 | 100.0\% |

AZ1_5. DURING THE PAST MONTH, TO WHAT EXTENT HAS EPILEPSY OR ITS TREATMENT INTERFERED WITH YOUR NORMAL ACTIVITIES...?

|  |  | Not at all |  | Slightly |  | Moderately |  | Quite a bit |  | Extremely |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  | 43 | 88.9\% | 3 | 1.8\% | 3 | 4.8\% | 4 | 2.1\% | 4 | 2.4\% | 57 | 100.0\% |
| SEX | Male | 16 | 97.1\% | 0 | .0\% | 1 | 1.3\% | 1 | 1.6\% | 0 | .0\% | 18 | 100.0\% |
|  | Female | 27 | 86.3\% | 3 | 2.4\% | 2 | 6.0\% | 3 | 2.3\% | 4 | 3.1\% | 39 | 100.0\% |
| SIX LEVEL IMPUTED AGE CATEGORY | 18-24 | 1 | 100.0\% | 0 | .0\% | 0 | .0\% | 0 | . $0 \%$ | 0 | .0\% | 1 | 100.0\% |
|  | 25 to 34 | 2 | 70.0\% | 0 | .0\% | 2 | 30.0\% | 0 | .0\% | 0 | . $0 \%$ | 4 | 100.0\% |
|  | 35 to 44 | 9 | 97.1\% | 0 | .0\% | 0 | .0\% | 0 | .0\% | 1 | 2.9\% | 10 | 100.0\% |
|  | 45 to 54 | 17 | 87.3\% | 1 | 3.7\% | 1 | .9\% | 3 | 5.6\% | 2 | 2.5\% | 24 | 100.0\% |
|  | 55 to 64 | 5 | 75.2\% | 1 | 6.9\% | 0 | . $0 \%$ | 1 | 5.5\% | 1 | 12.5\% | 8 | 100.0\% |
|  | 65 or older | 9 | 97.3\% | 1 | 2.7\% | 0 | .0\% | 0 | .0\% | 0 | .0\% | 10 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 2 | 95.8\% | 0 | .0\% | 0 | . $0 \%$ | 1 | 2.3\% | 1 | 1.8\% | 4 | 100.0\% |
|  | Graduated High School | 12 | 89.0\% | 1 | 4.7\% | 1 | 1.1\% | 1 | 1.2\% | 1 | 3.9\% | 16 | 100.0\% |
|  | Attended College or Tech School | 14 | 92.0\% | 1 | 1.3\% | 0 | . $0 \%$ | 2 | 6.6\% | 0 | . $0 \%$ | 17 | 100.0\% |
|  | Graduated from College or Tech School | 15 | 83.5\% | 1 | .7\% | 2 | 12.8\% | 0 | . $0 \%$ | 2 | 2.9\% | 20 | 100.0\% |
| INCOME CATEGORIES | $\begin{aligned} & \text { Less than } \\ & \$ 15,000 \end{aligned}$ | 6 | 89.6\% | 0 | .0\% | 1 | 2.2\% | 1 | 2.3\% | 2 | 5.9\% | 10 | 100.0\% |
|  | $\begin{aligned} & \$ 15,000 \text { to } \\ & \text { less than } \\ & \$ 25,000 \end{aligned}$ | 10 | 98.7\% | 0 | .0\% | 1 | 1.3\% | 0 | .0\% | 0 | . $0 \%$ | 11 | 100.0\% |
|  | $\begin{aligned} & \$ 25,000 \text { to } \\ & \text { less than } \\ & \$ 35,000 \end{aligned}$ | 3 | 50.5\% | 2 | 43.2\% | 0 | . $0 \%$ | 1 | 6.3\% | 0 | .0\% | 6 | 100.0\% |
|  | $\begin{aligned} & \$ 35,000 \text { to } \\ & \text { less than } \\ & \$ 50,000 \end{aligned}$ | 9 | 91.6\% | 1 | 1.5\% | 0 | . $0 \%$ | 1 | 6.8\% | 0 | .0\% | 11 | 100.0\% |
|  | $\$ 50,000$ or more | 10 | 80.9\% | 0 | .0\% | 1 | 19.1\% | 0 | .0\% | 0 | . $0 \%$ | 11 | 100.0\% |
|  | DK/NS/Ref | 5 | 86.6\% | 0 | .0\% | 0 | .0\% | 1 | 2.7\% | 2 | 10.7\% | 8 | 100.0\% |
| WHITE/HISPANIC RACE GROUP | Non-Hispanic White | 35 | 87.6\% | 3 | 2.5\% | 2 | 6.3\% | 2 | .7\% | 3 | 2.9\% | 45 | 100.0\% |
|  | Non-White or Hispanic | 8 | 92.2\% | 0 | .0\% | 1 | 1.1\% | 2 | 5.6\% | 1 | 1.1\% | 12 | 100.0\% |
| HISPANIC ORIGIN | Yes | 8 | 97.3\% | 0 | .0\% | 0 | . $0 \%$ | 1 | 1.5\% | 1 | 1.2\% | 10 | 100.0\% |
|  | No | 35 | 85.8\% | 3 | 2.5\% | 3 | 6.6\% | 3 | 2.3\% | 3 | 2.8\% | 47 | 100.0\% |

AZ2_1. HOW WELL PREPARED DO YOU FEEL YOUR HOUSEHOLD IS TO HANDLE A LARGE-SCALE DISASTER OR EMERGENCY THAT COULD HAVE AN IMPACT OF 72 HOURS?

|  |  | Very prepared |  | Somewhat prepared |  | Not very prepared |  | Notprepared atall |  | $\begin{aligned} & \hline \text { Preparation } \\ & \text { is not } \\ & \text { necessary } \end{aligned}$ |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  | 862 | 18.4\% | 1831 | 44.1\% | 858 | 20.8\% | 600 | 14.5\% | 118 | 2.2\% | 4269 | 100.0\% |
| SEX | Male | 414 | 22.3\% | 669 | 43.9\% | 295 | 20.4\% | 169 | 10.9\% | 55 | 2.5\% | 1602 | 100.0\% |
|  | Female | 448 | 14.7\% | 1162 | 44.3\% | 563 | 21.1\% | 431 | 18.0\% | 63 | 1.9\% | 2667 | 100.0\% |
| SIX LEVEL IMPUTED AGE CATEGORY | 18-24 | 20 | 11.1\% | 99 | 54.3\% | 42 | 19.4\% | 35 | 14.3\% | 8 | 1.0\% | 204 | 100.0\% |
|  | 25 to 34 | 83 | 15.8\% | 228 | 39.7\% | 144 | 24.7\% | 92 | 17.0\% | 10 | 2.8\% | 557 | 100.0\% |
|  | 35 to 44 | 97 | 13.2\% | 300 | 41.8\% | 173 | 23.5\% | 123 | 18.6\% | 14 | 2.9\% | 707 | 100.0\% |
|  | 45 to 54 | 154 | 23.4\% | 333 | 41.8\% | 186 | 20.7\% | 119 | 12.5\% | 17 | 1.6\% | 809 | 100.0\% |
|  | 55 to 64 | 211 | 26.1\% | 334 | 42.4\% | 127 | 18.2\% | 93 | 11.6\% | 23 | 1.7\% | 788 | 100.0\% |
|  | 65 or older | 297 | 22.0\% | 537 | 47.4\% | 186 | 16.5\% | 138 | 11.5\% | 46 | 2.5\% | 1204 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 77 | 19.2\% | 154 | 29.7\% | 121 | 27.8\% | 137 | 21.7\% | 25 | 1.7\% | 514 | 100.0\% |
|  | Graduated High School | 215 | 14.7\% | 513 | 46.5\% | 252 | 18.6\% | 200 | 17.5\% | 35 | 2.6\% | 1215 | 100.0\% |
|  | Attended College or Tech School | 287 | 18.4\% | 585 | 48.7\% | 219 | 18.6\% | 134 | 12.3\% | 27 | 2.0\% | 1252 | 100.0\% |
|  | Graduated from College or Tech School | 281 | 21.4\% | 577 | 43.5\% | 265 | 22.0\% | 126 | 11.0\% | 31 | 2.2\% | 1280 | 100.0\% |
|  | DK/NS/Ref | 2 | 12.7\% | 2 | 3.8\% | 1 | . $5 \%$ | 3 | 83.1\% | 0 | .0\% | 8 | 100.0\% |
| INCOME CATEGORIES | Less than \$15,000 | 83 | 18.0\% | 153 | 35.7\% | 97 | 23.5\% | 105 | 21.3\% | 17 | 1.5\% | 455 | 100.0\% |
|  | \$15,000 to less than $\$ 25,000$ | 139 | 15.7\% | 295 | 41.4\% | 169 | 20.7\% | 149 | 20.4\% | 25 | 1.8\% | 777 | 100.0\% |
|  | $\$ 25,000$ to less than $\$ 35,000$ | 91 | 14.8\% | 207 | 47.6\% | 120 | 22.0\% | 75 | 12.9\% | 13 | 2.7\% | 506 | 100.0\% |
|  | $\$ 35,000$ to less than $\$ 50,000$ | 134 | 15.7\% | 332 | 48.9\% | 125 | 22.8\% | 65 | 10.7\% | 20 | 1.9\% | 676 | 100.0\% |
|  | \$50,000 or more | 293 | 23.6\% | 588 | 43.8\% | 229 | 20.0\% | 113 | 11.0\% | 18 | 1.7\% | 1241 | 100.0\% |
|  | DK/NS/Ref | 122 | 14.8\% | 256 | 45.2\% | 118 | 17.9\% | 93 | 18.1\% | 25 | 4.0\% | 614 | 100.0\% |
| WHITE/HISPANIC RACE GROUP | Non-Hispanic White | 696 | 20.9\% | 1376 | 47.2\% | 521 | 19.8\% | 262 | 9.6\% | 77 | 2.4\% | 2932 | 100.0\% |
|  | Non-White or Hispanic | 151 | 13.0\% | 440 | 37.8\% | 330 | 23.0\% | 326 | 24.7\% | 40 | 1.6\% | 1287 | 100.0\% |
|  | DK/NS/Refused | 15 | 22.3\% | 15 | 24.1\% | 7 | 15.1\% | 12 | 37.5\% | 1 | .9\% | 50 | 100.0\% |
| HISPANIC ORIGIN | Yes | 89 | 11.0\% | 336 | 37.1\% | 275 | 25.0\% | 270 | 25.3\% | 32 | 1.6\% | 1002 | 100.0\% |
|  | No | 768 | 20.9\% | 1488 | 46.5\% | 580 | 19.5\% | 323 | 10.8\% | 85 | 2.3\% | 3244 | 100.0\% |
|  | DK/NS | 3 | 13.3\% | 4 | 40.6\% | 1 | 11.7\% | 3 | 31.6\% | 1 | 2.7\% | 12 | 100.0\% |
|  | Refused | 2 | 3.1\% | 3 | 12.3\% | 2 | 4.7\% | 4 | 79.9\% | 0 | .0\% | 11 | 100.0\% |

AZ2_3. I KNOW HOW TO QUICKLY GET INFORMATION ABOUT BIOTERRORISM.


AZ3_1. DO YOU CURRENTLY TAKE ANY MULTIVITAMINS OR SUPPLEMENTS THAT CONTAIN FOLIC ACID?

|  |  | Yes |  | No |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
| Total |  | 1999 | 45.7\% | 1956 | 54.3\% | 3955 | 100.0\% |
| SEX | Male | 614 | 36.9\% | 841 | 63.1\% | 1455 | 100.0\% |
|  | Female | 1385 | 54.4\% | 1115 | 45.6\% | 2500 | 100.0\% |
| SIX LEVEL IMPUTED AGE CATEGORY | 18-24 | 60 | 26.3\% | 135 | 73.7\% | 195 | 100.0\% |
|  | 25 to 34 | 232 | 42.5\% | 293 | 57.5\% | 525 | 100.0\% |
|  | 35 to 44 | 260 | 33.9\% | 391 | 66.1\% | 651 | 100.0\% |
|  | 45 to 54 | 401 | 52.6\% | 362 | 47.4\% | 763 | 100.0\% |
|  | 55 to 64 | 411 | 56.0\% | 310 | 44.0\% | 721 | 100.0\% |
|  | 65 or older | 635 | 61.6\% | 465 | 38.4\% | 1100 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 145 | 22.9\% | 347 | 77.1\% | 492 | 100.0\% |
|  | Graduated High School | 483 | 34.2\% | 631 | 65.8\% | 1114 | 100.0\% |
|  | Attended College or Tech School | 649 | 53.5\% | 500 | 46.5\% | 1149 | 100.0\% |
|  | Graduated from College or Tech School | 718 | 57.1\% | 472 | 42.9\% | 1190 | 100.0\% |
|  | DK/NS/Ref | 4 | 13.8\% | 6 | 86.2\% | 10 | 100.0\% |
| INCOME CATEGORIES | Less than \$15,000 | 186 | 41.3\% | 246 | 58.7\% | 432 | 100.0\% |
|  | $\$ 15,000$ to less than \$25,000 | 310 | 34.9\% | 414 | 65.1\% | 724 | 100.0\% |
|  | \$25,000 to less than \$35,000 | 247 | 42.9\% | 227 | 57.1\% | 474 | 100.0\% |
|  | $\begin{aligned} & \$ 35,000 \text { to less than } \\ & \$ 50,000 \end{aligned}$ | 343 | 50.4\% | 284 | 49.6\% | 627 | 100.0\% |
|  | \$50,000 or more | 661 | 54.1\% | 464 | 45.9\% | 1125 | 100.0\% |
|  | DK/NS/Ref | 252 | 37.2\% | 321 | 62.8\% | 573 | 100.0\% |
| WHITE/HISPANIC RACE GROUP | Non-Hispanic White | 1556 | 52.9\% | 1119 | 47.1\% | 2675 | 100.0\% |
|  | Non-White or Hispanic | 419 | 30.2\% | 811 | 69.8\% | 1230 | 100.0\% |
|  | DK/NS/Refused | 24 | 47.7\% | 26 | 52.3\% | 50 | 100.0\% |
| HISPANIC ORIGIN | Yes | 322 | 27.8\% | 641 | 72.2\% | 963 | 100.0\% |
|  | No | 1668 | 51.6\% | 1300 | 48.4\% | 2968 | 100.0\% |
|  | DK/NS | 4 | 60.8\% | 8 | 39.2\% | 12 | 100.0\% |
|  | Refused | 5 | 13.9\% | 7 | 86.1\% | 12 | 100.0\% |

AZ3_3. THEY RECOMMEND THIS FOR WHICH ONE OF THE FOLLOWING REASONS?

|  |  | To mak bo | strong s | To prev def | t birth ts | To p high pre | vent ood ure | Some rea | other on |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  | 717 | 22.8\% | 1027 | 41.5\% | 189 | 7.0\% | 714 | 28.7\% | 2647 | 100.0\% |
| SEX | Male | 244 | 25.2\% | 216 | 27.8\% | 83 | 9.3\% | 281 | 37.8\% | 824 | 100.0\% |
|  | Female | 473 | 21.1\% | 811 | 51.2\% | 106 | 5.4\% | 433 | 22.3\% | 1823 | 100.0\% |
| SIX LEVEL IMPUTED AGE CATEGORY | 18-24 | 29 | 22.2\% | 69 | 47.5\% | 7 | 3.7\% | 34 | 26.6\% | 139 | 100.0\% |
|  | 25 to 34 | 78 | 16.3\% | 236 | 54.1\% | 17 | 6.2\% | 67 | 23.4\% | 398 | 100.0\% |
|  | 35 to 44 | 107 | 17.3\% | 235 | 48.5\% | 27 | 7.7\% | 100 | 26.5\% | 469 | 100.0\% |
|  | 45 to 54 | 140 | 23.1\% | 199 | 39.2\% | 40 | 7.7\% | 141 | 30.1\% | 520 | 100.0\% |
|  | 55 to 64 | 131 | 22.0\% | 169 | 35.6\% | 33 | 10.2\% | 148 | 32.2\% | 481 | 100.0\% |
|  | 65 or older | 232 | 38.9\% | 119 | 18.9\% | 65 | 6.7\% | 224 | 35.6\% | 640 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 100 | 25.9\% | 72 | 31.7\% | 23 | 6.0\% | 68 | 36.4\% | 263 | 100.0\% |
|  | Graduated High School | 233 | 29.3\% | 211 | 35.1\% | 46 | 5.1\% | 213 | 30.4\% | 703 | 100.0\% |
|  | Attended College or Tech School | 200 | 22.3\% | 315 | 39.7\% | 71 | 7.5\% | 211 | 30.5\% | 797 | 100.0\% |
|  | Graduated from College or Tech School | 182 | 16.9\% | 428 | 51.3\% | 49 | 8.3\% | 220 | 23.4\% | 879 | 100.0\% |
|  | DK/NS/Ref | 2 | 92.5\% | 1 | 2.5\% | 0 | .0\% | 2 | 4.9\% | 5 | 100.0\% |
| INCOME CATEGORIES | Less than \$15,000 | 102 | 27.7\% | 77 | 34.0\% | 16 | 6.5\% | 64 | 31.8\% | 259 | 100.0\% |
|  | \$15,000 to less than $\$ 25,000$ | 158 | 30.5\% | 155 | 33.3\% | 34 | 5.8\% | 115 | 30.3\% | 462 | 100.0\% |
|  | $\$ 25,000$ to less than $\$ 35,000$ | 81 | 23.3\% | 130 | 41.3\% | 24 | 7.0\% | 97 | 28.4\% | 332 | 100.0\% |
|  | \$35,000 to less than $\$ 50,000$ | 99 | 21.5\% | 195 | 44.4\% | 35 | 7.1\% | 117 | 26.9\% | 446 | 100.0\% |
|  | \$50,000 or more | 175 | 17.8\% | 370 | 44.3\% | 54 | 7.8\% | 224 | 30.2\% | 823 | 100.0\% |
|  | DK/NS/Ref | 102 | 26.3\% | 100 | 45.5\% | 26 | 6.3\% | 97 | 21.9\% | 325 | 100.0\% |
| WHITE/HISPANIC RACE GROUP | Non-Hispanic White | 444 | 21.4\% | 733 | 42.6\% | 133 | 6.8\% | 514 | 29.2\% | 1824 | 100.0\% |
|  | Non-White or Hispanic | 266 | 25.6\% | 286 | 39.5\% | 54 | 7.5\% | 192 | 27.4\% | 798 | 100.0\% |
|  | DK/NS/Refused | 7 | 24.6\% | 8 | 29.0\% | 2 | 4.9\% | 8 | 41.5\% | 25 | 100.0\% |
| HISPANIC ORIGIN | Yes | 217 | 27.4\% | 237 | 41.4\% | 33 | 4.3\% | 133 | 26.9\% | 620 | 100.0\% |
|  | No | 497 | 21.3\% | 788 | 41.8\% | 155 | 7.9\% | 578 | 29.1\% | 2018 | 100.0\% |
|  | DK/NS | 3 | 30.8\% | 1 | .4\% | 1 | 4.3\% | 2 | 64.5\% | 7 | 100.0\% |
|  | Refused | 0 | . $0 \%$ | 1 | 42.6\% | 0 | . $0 \%$ | 1 | 57.4\% | 2 | 100.0\% |

AZ4_1. DURING THE LAST SUMMER, HOW OFTEN DID YOU SPEND 30 MINUTES OR MORE OUTSIDE AFTER DARK?

|  |  | Most evenings |  | At least once each week |  | Less than once a week |  | Never |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Total |  | 1366 | 32.3\% | 1751 | 43.5\% | 559 | 13.5\% | 601 | 10.6\% | 4277 | 100.0\% |
| SEX | Male | 560 | 34.8\% | 724 | 47.1\% | 171 | 10.7\% | 146 | 7.4\% | 1601 | 100.0\% |
|  | Female | 806 | 30.0\% | 1027 | 40.0\% | 388 | 16.2\% | 455 | 13.8\% | 2676 | 100.0\% |
| SIX LEVEL IMPUTED AGE CATEGORY | 18-24 | 88 | 44.6\% | 85 | 37.9\% | 25 | 12.9\% | 6 | 4.6\% | 204 | 100.0\% |
|  | 25 to 34 | 214 | 35.2\% | 255 | 48.8\% | 48 | 8.7\% | 39 | 7.2\% | 556 | 100.0\% |
|  | 35 to 44 | 262 | 35.6\% | 317 | 46.9\% | 75 | 12.3\% | 49 | 5.3\% | 703 | 100.0\% |
|  | 45 to 54 | 282 | 32.4\% | 368 | 50.1\% | 96 | 10.8\% | 64 | 6.7\% | 810 | 100.0\% |
|  | 55 to 64 | 237 | 28.1\% | 325 | 41.9\% | 117 | 16.3\% | 110 | 13.8\% | 789 | 100.0\% |
|  | 65 or older | 283 | 19.7\% | 401 | 33.0\% | 198 | 21.2\% | 333 | 26.1\% | 1215 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 144 | 37.6\% | 182 | 33.1\% | 56 | 14.1\% | 130 | 15.2\% | 512 | 100.0\% |
|  | Graduated High School | 363 | 31.3\% | 514 | 43.0\% | 150 | 11.8\% | 180 | 13.9\% | 1207 | 100.0\% |
|  | Attended College or Tech School | 420 | 30.8\% | 506 | 44.8\% | 172 | 14.1\% | 162 | 10.3\% | 1260 | 100.0\% |
|  | Graduated from College or Tech School | 437 | 32.8\% | 545 | 46.6\% | 181 | 14.2\% | 125 | 6.4\% | 1288 | 100.0\% |
|  | DK/NS/Ref | 2 | 4.0\% | 4 | 76.9\% | 0 | . $0 \%$ | 4 | 19.1\% | 10 | 100.0\% |
| INCOME CATEGORIES | $\begin{aligned} & \text { Less than } \\ & \$ 15,000 \end{aligned}$ | 141 | 33.9\% | 164 | 36.5\% | 51 | 16.9\% | 98 | 12.7\% | 454 | 100.0\% |
|  | \$15,000 to less than $\$ 25,000$ | 225 | 27.4\% | 310 | 45.5\% | 106 | 13.3\% | 127 | 13.7\% | 768 | 100.0\% |
|  | $\$ 25,000$ to less than $\$ 35,000$ | 143 | 24.6\% | 219 | 46.1\% | 73 | 16.0\% | 82 | 13.3\% | 517 | 100.0\% |
|  | $\$ 35,000$ to less than \$50,000 | 238 | 37.6\% | 278 | 40.4\% | 99 | 13.8\% | 66 | 8.2\% | 681 | 100.0\% |
|  | \$50,000 or more | 461 | 36.5\% | 559 | 46.6\% | 143 | 11.7\% | 78 | 5.2\% | 1241 | 100.0\% |
|  | DK/NS/Ref | 158 | 26.7\% | 221 | 39.4\% | 87 | 13.8\% | 150 | 20.2\% | 616 | 100.0\% |
| WHITE/HISPANIC RACE GROUP | Non-Hispanic White | 992 | 34.6\% | 1144 | 41.5\% | 396 | 12.4\% | 414 | 11.5\% | 2946 | 100.0\% |
|  | Non-White or Hispanic | 357 | 26.9\% | 589 | 48.7\% | 156 | 15.9\% | 179 | 8.5\% | 1281 | 100.0\% |
|  | DK/NS/Refused | 17 | 41.3\% | 18 | 24.0\% | 7 | 18.7\% | 8 | 16.0\% | 50 | 100.0\% |
| HISPANIC ORIGIN | Yes | 273 | 27.4\% | 474 | 49.4\% | 116 | 15.0\% | 140 | 8.1\% | 1003 | 100.0\% |
|  | No | 1086 | 33.8\% | 1270 | 41.9\% | 440 | 13.0\% | 455 | 11.3\% | 3251 | 100.0\% |
|  | DK/NS | 2 | 32.1\% | 3 | 7.5\% | 2 | 22.4\% | 5 | 38.0\% | 12 | 100.0\% |
|  | Refused | 5 | 81.5\% | 4 | 8.7\% | 1 | 2.6\% | 1 | 7.3\% | 11 | 100.0\% |

AZ4_2a. AVOIDED OUTDOOR AREAS WHERE YOU KNOW THERE ARE MOSQUITOES?

|  |  | Always |  | Sometimes |  | Never |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
| Total |  | 1652 | 37.3\% | 1113 | 27.8\% | 1449 | 34.9\% | 4214 | 100.0\% |
| SEX | Male | 495 | 32.0\% | 393 | 25.1\% | 687 | 42.9\% | 1575 | 100.0\% |
|  | Female | 1157 | 42.6\% | 720 | 30.4\% | 762 | 27.0\% | 2639 | 100.0\% |
| SIX LEVEL IMPUTED AGE CATEGORY | 18-24 | 52 | 31.2\% | 94 | 39.9\% | 57 | 28.9\% | 203 | 100.0\% |
|  | 25 to 34 | 162 | 28.3\% | 197 | 30.7\% | 192 | 41.0\% | 551 | 100.0\% |
|  | 35 to 44 | 231 | 32.1\% | 236 | 30.9\% | 228 | 37.0\% | 695 | 100.0\% |
|  | 45 to 54 | 299 | 38.9\% | 231 | 26.6\% | 274 | 34.5\% | 804 | 100.0\% |
|  | 55 to 64 | 349 | 47.3\% | 183 | 24.2\% | 249 | 28.5\% | 781 | 100.0\% |
|  | 65 or older | 559 | 48.5\% | 172 | 15.8\% | 449 | 35.8\% | 1180 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 177 | 32.3\% | 101 | 22.7\% | 233 | 45.0\% | 511 | 100.0\% |
|  | Graduated High School | 487 | 35.9\% | 298 | 29.3\% | 412 | 34.8\% | 1197 | 100.0\% |
|  | Attended College or Tech School | 515 | 41.6\% | 353 | 28.0\% | 364 | 30.3\% | 1232 | 100.0\% |
|  | Graduated from College or Tech School | 470 | 36.5\% | 358 | 27.9\% | 438 | 35.5\% | 1266 | 100.0\% |
|  | DK/NS/Ref | 3 | 15.1\% | 3 | 82.8\% | 2 | 2.1\% | 8 | 100.0\% |
| INCOME CATEGORIES | Less than \$15,000 | 197 | 33.5\% | 91 | 25.3\% | 164 | 41.3\% | 452 | 100.0\% |
|  | $\$ 15,000 \text { to less than }$ $\$ 25,000$ | 316 | 40.7\% | 187 | 24.3\% | 257 | 35.0\% | 760 | 100.0\% |
|  | $\begin{aligned} & \$ 25,000 \text { to less than } \\ & \$ 35,000 \end{aligned}$ | 198 | 42.8\% | 134 | 25.9\% | 176 | 31.4\% | 508 | 100.0\% |
|  | $\begin{aligned} & \$ 35,000 \text { to less than } \\ & \$ 50,000 \end{aligned}$ | 253 | 34.1\% | 193 | 29.2\% | 227 | 36.7\% | 673 | 100.0\% |
|  | \$50,000 or more | 434 | 36.5\% | 385 | 30.2\% | 404 | 33.3\% | 1223 | 100.0\% |
|  | DK/NS/Ref | 254 | 37.3\% | 123 | 26.9\% | 221 | 35.7\% | 598 | 100.0\% |
| WHITE/HISPANIC RACE GROUP | Non-Hispanic White | 1122 | 38.4\% | 749 | 26.0\% | 1011 | 35.6\% | 2882 | 100.0\% |
|  | Non-White or Hispanic | 509 | 35.1\% | 356 | 32.0\% | 414 | 32.9\% | 1279 | 100.0\% |
|  | DK/NS/Refused | 21 | 32.3\% | 8 | 14.8\% | 24 | 52.9\% | 53 | 100.0\% |
| HISPANIC ORIGIN | Yes | 398 | 34.7\% | 278 | 31.9\% | 325 | 33.4\% | 1001 | 100.0\% |
|  | No | 1243 | 38.2\% | 833 | 26.6\% | 1113 | 35.2\% | 3189 | 100.0\% |
|  | DK/NS | 6 | 62.0\% | 0 | .0\% | 6 | 38.0\% | 12 | 100.0\% |
|  | Refused | 5 | 9.2\% | 2 | 5.7\% | 5 | 85.1\% | 12 | 100.0\% |

AZ4_2b. WORN LONG SLEEVED SHIRTS AND LONG PANTS?

|  |  | Always |  | Sometimes |  | Never |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
| Total |  | 1068 | 22.2\% | 1671 | 37.2\% | 1510 | 40.6\% | 4249 | 100.0\% |
| SEX | Male | 392 | 23.9\% | 621 | 35.4\% | 577 | 40.8\% | 1590 | 100.0\% |
|  | Female | 676 | 20.6\% | 1050 | 39.1\% | 933 | 40.4\% | 2659 | 100.0\% |
| SIX LEVEL IMPUTED AGE CATEGORY | 18-24 | 40 | 26.1\% | 104 | 44.8\% | 59 | 29.0\% | 203 | 100.0\% |
|  | 25 to 34 | 83 | 17.8\% | 255 | 39.3\% | 216 | 42.8\% | 554 | 100.0\% |
|  | 35 to 44 | 125 | 14.7\% | 290 | 37.9\% | 283 | 47.3\% | 698 | 100.0\% |
|  | 45 to 54 | 176 | 18.4\% | 320 | 35.2\% | 308 | 46.4\% | 804 | 100.0\% |
|  | 55 to 64 | 237 | 30.9\% | 297 | 32.2\% | 254 | 36.9\% | 788 | 100.0\% |
|  | 65 or older | 407 | 29.2\% | 405 | 34.4\% | 390 | 36.4\% | 1202 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 194 | 41.7\% | 171 | 34.8\% | 149 | 23.5\% | 514 | 100.0\% |
|  | Graduated High School | 326 | 23.8\% | 490 | 41.6\% | 394 | 34.5\% | 1210 | 100.0\% |
|  | Attended College or Tech School | 287 | 18.8\% | 513 | 38.1\% | 444 | 43.1\% | 1244 | 100.0\% |
|  | Graduated from College or Tech School | 260 | 16.7\% | 494 | 33.5\% | 517 | 49.8\% | 1271 | 100.0\% |
|  | DK/NS/Ref | 1 | 1.4\% | 3 | 76.6\% | 6 | 22.0\% | 10 | 100.0\% |
| INCOME CATEGORIES | Less than \$15,000 | 162 | 26.7\% | 164 | 51.5\% | 129 | 21.8\% | 455 | 100.0\% |
|  | $\$ 15,000$ to less than \$25,000 | 218 | 31.4\% | 316 | 40.2\% | 237 | 28.3\% | 771 | 100.0\% |
|  | $\$ 25,000$ to less than \$35,000 | 125 | 29.3\% | 199 | 37.5\% | 182 | 33.2\% | 506 | 100.0\% |
|  | $\$ 35,000$ to less than \$50,000 | 184 | 19.8\% | 246 | 36.3\% | 242 | 43.9\% | 672 | 100.0\% |
|  | \$50,000 or more | 198 | 14.0\% | 523 | 35.5\% | 508 | 50.5\% | 1229 | 100.0\% |
|  | DK/NS/Ref | 181 | 27.1\% | 223 | 29.9\% | 212 | 42.9\% | 616 | 100.0\% |
| WHITE/HISPANIC RACE GROUP | Non-Hispanic White | 652 | 18.1\% | 1120 | 35.0\% | 1142 | 46.9\% | 2914 | 100.0\% |
|  | Non-White or Hispanic | 403 | 31.6\% | 530 | 42.2\% | 352 | 26.2\% | 1285 | 100.0\% |
|  | DK/NS/Refused | 13 | 15.7\% | 21 | 36.7\% | 16 | 47.6\% | 50 | 100.0\% |
| HISPANIC ORIGIN | Yes | 312 | 33.6\% | 424 | 42.6\% | 271 | 23.9\% | 1007 | 100.0\% |
|  | No | 752 | 18.7\% | 1236 | 35.6\% | 1230 | 45.8\% | 3218 | 100.0\% |
|  | DK/NS | 2 | 11.9\% | 5 | 45.5\% | 5 | 42.5\% | 12 | 100.0\% |
|  | Refused | 2 | 2.4\% | 6 | 14.1\% | 4 | 83.6\% | 12 | 100.0\% |

AZ4_2c. USED INSECT REPELLENT ON YOUR SKIN OR CLOTHES?

|  |  | Always |  | Sometimes |  | Never |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
| Total |  | 783 | 14.1\% | 1575 | 34.6\% | 1918 | 51.3\% | 4276 | 100.0\% |
| SEX | Male | 196 | 10.7\% | 606 | 31.3\% | 799 | 58.0\% | 1601 | 100.0\% |
|  | Female | 587 | 17.5\% | 969 | 37.9\% | 1119 | 44.7\% | 2675 | 100.0\% |
| SIX LEVEL IMPUTED AGE CATEGORY | 18-24 | 30 | 6.4\% | 81 | 36.5\% | 94 | 57.0\% | 205 | 100.0\% |
|  | 25 to 34 | 136 | 17.7\% | 209 | 34.2\% | 211 | 48.1\% | 556 | 100.0\% |
|  | 35 to 44 | 156 | 14.8\% | 289 | 33.7\% | 252 | 51.4\% | 697 | 100.0\% |
|  | 45 to 54 | 149 | 15.7\% | 317 | 40.0\% | 344 | 44.3\% | 810 | 100.0\% |
|  | 55 to 64 | 130 | 14.3\% | 291 | 33.2\% | 372 | 52.5\% | 793 | 100.0\% |
|  | 65 or older | 182 | 13.3\% | 388 | 30.3\% | 645 | 56.4\% | 1215 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 115 | 14.7\% | 144 | 29.4\% | 259 | 55.9\% | 518 | 100.0\% |
|  | Graduated High School | 232 | 12.9\% | 433 | 32.6\% | 552 | 54.5\% | 1217 | 100.0\% |
|  | Attended College or Tech School | 225 | 14.1\% | 483 | 36.5\% | 545 | 49.4\% | 1253 | 100.0\% |
|  | Graduated from College or Tech School | 210 | 15.0\% | 512 | 36.3\% | 556 | 48.7\% | 1278 | 100.0\% |
|  | DK/NS/Ref | 1 | . $5 \%$ | 3 | 76.6\% | 6 | 22.9\% | 10 | 100.0\% |
| INCOME CATEGORIES | Less than \$15,000 | 101 | 13.0\% | 134 | 30.0\% | 225 | 57.0\% | 460 | 100.0\% |
|  | $\$ 15,000$ to less than \$25,000 | 166 | 15.0\% | 254 | 29.1\% | 354 | 55.9\% | 774 | 100.0\% |
|  | $\$ 25,000$ to less than \$35,000 | 85 | 13.4\% | 196 | 42.9\% | 232 | 43.6\% | 513 | 100.0\% |
|  | $\$ 35,000$ to less than \$50,000 | 135 | 16.9\% | 273 | 34.9\% | 268 | 48.2\% | 676 | 100.0\% |
|  | \$50,000 or more | 199 | 14.1\% | 532 | 38.1\% | 506 | 47.8\% | 1237 | 100.0\% |
|  | DK/NS/Ref | 97 | 11.2\% | 186 | 27.7\% | 333 | 61.1\% | 616 | 100.0\% |
| WHITE/HISPANIC RACE GROUP | Non-Hispanic White | 434 | 13.1\% | 1100 | 34.3\% | 1402 | 52.6\% | 2936 | 100.0\% |
|  | Non-White or Hispanic | 344 | 16.6\% | 453 | 35.3\% | 493 | 48.2\% | 1290 | 100.0\% |
|  | DK/NS/Refused | 5 | 5.9\% | 22 | 33.8\% | 23 | 60.3\% | 50 | 100.0\% |
| HISPANIC ORIGIN | Yes | 282 | 16.2\% | 351 | 33.7\% | 379 | 50.1\% | 1012 | 100.0\% |
|  | No | 498 | 13.5\% | 1215 | 35.0\% | 1527 | 51.5\% | 3240 | 100.0\% |
|  | DK/NS | 1 | 10.3\% | 3 | 9.5\% | 8 | 80.2\% | 12 | 100.0\% |
|  | Refused | 2 | 2.4\% | 6 | 14.1\% | 4 | 83.6\% | 12 | 100.0\% |

AZ4_3. THIS LAST SUMMER DID YOU REMOVE POTENTIAL MOSQUITO BREEDING HABITATS FROM AROUND YOUR HOME ?

|  |  | Yes |  | No |  | Do not have water or containers around my home |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |
| Total |  | 2311 | 52.9\% | 1107 | 28.3\% | 858 | 18.8\% | 4276 | 100.0\% |
| SEX | Male | 842 | 51.7\% | 416 | 28.8\% | 338 | 19.6\% | 1596 | 100.0\% |
|  | Female | 1469 | 54.1\% | 691 | 27.8\% | 520 | 18.1\% | 2680 | 100.0\% |
| SIX LEVEL IMPUTED AGE CATEGORY | 18-24 | 88 | 41.3\% | 89 | 52.8\% | 27 | 5.9\% | 204 | 100.0\% |
|  | 25 to 34 | 291 | 47.9\% | 192 | 34.6\% | 73 | 17.5\% | 556 | 100.0\% |
|  | 35 to 44 | 385 | 54.5\% | 208 | 29.5\% | 102 | 16.0\% | 695 | 100.0\% |
|  | 45 to 54 | 493 | 62.6\% | 190 | 19.4\% | 127 | 18.0\% | 810 | 100.0\% |
|  | 55 to 64 | 470 | 64.0\% | 147 | 14.9\% | 177 | 21.1\% | 794 | 100.0\% |
|  | 65 or older | 584 | 47.4\% | 281 | 20.6\% | 352 | 32.0\% | 1217 | 100.0\% |
| LEVEL OF EDUCATION COMPLETED | Did not graduate High School | 188 | 33.6\% | 241 | 52.0\% | 88 | 14.5\% | 517 | 100.0\% |
|  | Graduated High School | 623 | 49.3\% | 329 | 33.0\% | 256 | 17.7\% | 1208 | 100.0\% |
|  | Attended College or Tech School | 751 | 60.2\% | 244 | 17.2\% | 264 | 22.6\% | 1259 | 100.0\% |
|  | Graduated from College or Tech School | 745 | 56.4\% | 290 | 25.7\% | 247 | 17.9\% | 1282 | 100.0\% |
|  | DK/NS/Ref | 4 | 85.2\% | 3 | 11.0\% | 3 | 3.8\% | 10 | 100.0\% |
| INCOME CATEGORIES | Less than \$15,000 | 220 | 48.2\% | 156 | 40.0\% | 80 | 11.9\% | 456 | 100.0\% |
|  | $\$ 15,000$ to less than $\$ 25,000$ | 369 | 46.7\% | 244 | 35.4\% | 161 | 17.9\% | 774 | 100.0\% |
|  | \$25,000 to less than \$35,000 | 291 | 51.1\% | 129 | 33.6\% | 93 | 15.2\% | 513 | 100.0\% |
|  | \$35,000 to less than \$50,000 | 382 | 51.5\% | 153 | 27.8\% | 143 | 20.7\% | 678 | 100.0\% |
|  | \$50,000 or more | 762 | 61.4\% | 241 | 19.3\% | 232 | 19.4\% | 1235 | 100.0\% |
|  | DK/NS/Ref | 287 | 44.4\% | 184 | 31.9\% | 149 | 23.7\% | 620 | 100.0\% |
| WHITE/HISPANIC RACE GROUP | Non-Hispanic White | 1706 | 57.4\% | 572 | 21.4\% | 656 | 21.2\% | 2934 | 100.0\% |
|  | Non-White or Hispanic | 576 | 42.9\% | 521 | 43.3\% | 193 | 13.8\% | 1290 | 100.0\% |
|  | DK/NS/Refused | 29 | 55.2\% | 14 | 34.6\% | 9 | 10.2\% | 52 | 100.0\% |
| HISPANIC ORIGIN | Yes | 430 | 39.1\% | 442 | 48.7\% | 138 | 12.2\% | 1010 | 100.0\% |
|  | No | 1869 | 57.3\% | 657 | 21.7\% | 716 | 21.0\% | 3242 | 100.0\% |
|  | DK/NS | 4 | 26.2\% | 6 | 66.1\% | 2 | 7.6\% | 12 | 100.0\% |
|  | Refused | 8 | 90.3\% | 2 | 6.2\% | 2 | 3.5\% | 12 | 100.0\% |

## IV: 2005 ARIZONA BRFSS QUESTIONS LISTING

## CORE SECTIONS

1: Health Status
2: Healthy Days - Health-related Quality of Life
3: Health Care Access
4: Exercise
5: Diabetes
6: Hypertension Awareness
7: Cholesterol Awareness
8: Cardiovascular Disease Prevalence
9: Asthma
10: Immunization
11: Tobacco Use
12: Alcohol Consumption
13: Demographics
14: Veteran's Status
15: Disability
16: Arthritis Burden
17: Fruits and Vegetables
18: Physical Activity
19: HIV/AIDS
20: Emotional Support \& Life Satisfaction

## OPTIONAL MODULES

1: Diabetes
6: Actions to Control High Blood Pressure
8: Influenza
9: Adult Asthma History
10: Random Child Selection
11: Childhood Asthma Prevalence
15: Colorectal Cancer Screening
21: Smoking Cessation
22: Secondhand Smoke Policy
25: Sexual Violence
26: Intimate Partner Violence

## STATE ADDED QUESTIONS

1: Epilepsy
2: Emergency Preparedness and Response
3: Folic Acid
4: West Nile Virus

## V: 2005 ARIZONA QUESTIONNAIRE

| Section 1: Health Status <br> 1.1. Would you say that in general your health is: | 3.3. Was there a time in the past 12 months when you needed to see a doctor but could not because of the cost? |
| :---: | :---: |
| Section 2: Healthy Days <br> 2.1. Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good? | 3.4. About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness or condition. |
| 2.2. Now thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good? <br> Number of days <br> None <br> Don't know/Not sure <br> Refused $\begin{array}{ll} \hline 8 & 8 \\ 7 & 7 \\ 9 & 9 \end{array}$ | Section 4: Exercise <br> 4.1. During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise? |
| 2.3. During the past 30 days, for about how many days did poor physical or mental health keep you from doing your usual activities, such as self-care, work, or recreation? | Section 5: Diabetes <br> 5.1. Have you ever been told by a doctor that you have diabetes? |
| Section 3: Health Care Access <br> Do you have any kind of health care coverage, including health insurance, prepaid plans such as HMOs, or government plans such as Medicare? | Section 6: Hypertension Awareness <br> 6.1. Have you EVER been told by a doctor, nurse, or other health professional that you have high blood pressure? |
| 3.2. Do you have one person you think of as your personal doctor or health care provider? | 6.2. Are you currently taking medicine for your high blood pressure? |

## V: 2005 ARIZONA QUESTIONNAIRE

| Section 7: Cholesterol Awareness <br> 7.1. Blood cholesterol is a fatty substance found in the blood. Have you EVER had your blood cholesterol checked? | Section 10: Immunization <br> 10.1. flu shot is an influenza vaccine injected in your arm. During the past 12 months, have you had a flu shot? |
| :---: | :---: |
| 7.2. About how long has it been since you last had your blood cholesterol checked? | 10.2. During the past 12 months, have you had a flu vaccine that was sprayed in your nose? The flu vaccine that is sprayed in the nose is also called FluMist ${ }^{\text {TM }}$. |
| 7.3. Have you EVER been told by a doctor, nurse or other health professional that your blood cholesterol is high? | 10.3. Have you EVER had a pneumonia shot? A pneumonia shot or pneumococcal vaccine is usually given only once or twice in a person's lifetime and is different from the flu shot. Have you ever had a pneumonia shot? |
| Section 8: Cardiovascular Disease Prevalence Has a doctor, nurse, or other health professional EVER told you that you had any of the following? <br> 8.1. (Ever told) you had a heart attack, also called a myocardial infarction? | Section 11: Tobacco Use <br> 11.1. Have you smoked at least 100 cigarettes in your entire life? |
| 8.2. (Ever told) you had angina or coronary heart disease? | 11.2. Do you now smoke cigarettes every day, some days, or not at all? |
| 8.3. (Ever told) you had a stroke? Yes No <br> Don't know/Not sure <br> Refused | 11.3. During the past 12 months, have you stopped smoking for one day or longer because you were trying to quit smoking? |
| Section 9: Asthma <br> 9.1. Have you ever been told by a doctor, nurse, or other health professional that you had asthma? | Section 12: Alcohol Consumption <br> 12.1. During the past 30 days, have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor? |
| 9.2. Do you still have asthma? <br> Yes <br> No <br> Don't know/Not sure <br> Refused <br> 9 |  |

## V: 2005 ARIZONA QUESTIONNAIRE

12.2. During the past 30 days, how many days per week or per month did you have at least one drink of any alcoholic beverage?

| Days per week | 1 |  |  |
| :--- | :--- | :--- | :--- |
| Days in past 30 days | 2 | - | - |
| No drinks in past 30 days | 8 | 8 | 8 |
| Don't know/Not sure | 7 | 7 | 7 |
| Refused | 9 | 9 | 9 |

13.3. Which one or more of the following would you say is your race?
White 1
Black/African American 2
Asian 3
Native Hawaiian/Other Pacific Islander 4
American Indian, Alaska Native 5
Other 6
Don't know/Not sure 7
Refused 9
13.4. Which one of these groups would you say best represents your race?
White 1
Black/African American 2
Asian 3
Native Hawaiian/Other Pacific Islander 4
American Indian, Alaska Native 5
Other 6
Don't know/Not sure 7
Refused
13.5. Are you:
12.4. Considering all types of alcoholic beverages, how many times during the past 30 days did you have 5 or more drinks on one occasion?

| Number of times |  |  |
| :--- | :--- | :--- |
|  |  | 8 |
| None |  | 7 |
| Don't know/Not sure | 9 | 9 |
| Refused |  |  |

12.5. During the past 30 days, what is the largest number of drinks you had on any occasion?

| Number |  |  |  |
| :--- | :--- | :--- | :--- |
|  |  | 7 |  |
| Don't know/Not sure |  | 7 | 7 |
| Refused | 9 | 9 |  |


| Section 13: Demographics |  |
| :--- | :--- |
| 13.1. What is your age |  |
| $\quad$ Code age in years | $-\overline{7}$ |
| $\quad$ Don't know/Not sure | 0 |
| $\quad$ Refused | 0 |

Divorced ..... 1
Widowed ..... 3
Separated ..... 4
Never been married ..... 5
Member of an unmarried couple ..... 6
Refused ..... 9
13.6. How many children less than 18 years of age live
in your household?
Number of children
None ..... 88

Refused 99
13.7. What is the highest grade or year of school youcompleted?
$\leq$ Kindergarten ..... 1
Elementary ..... 2
Some high school ..... 3
High school graduate ..... 4
Some college/tech school ..... 5
College graduate ..... 6
Refused ..... 9
13.8. Are you currently:
Employed for wages ..... 1
Self-employed ..... 2
Out of work for more than 1 year ..... 3
Out of work for less than 1 year ..... 4
Homemaker ..... 5
Student ..... 6
Retired ..... 7
Unable to work ..... 8
Refused ..... 9

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| 13.9. Is your annual household income from all sources: | 13.17. Indicate sex of respondent Male Female |
| :---: | :---: |
| 13.10. About how much do you weigh without shoes? Weight pounds Don't know/Not sure $\qquad$ Refused 999 | 13.18. To your knowledge, are you now pregnant? |
| 13.11. About how tall are you without shoes? Height <br> Don't know/Not sure Refused | Section 14: Veteran's Status <br> 14.1. Have you 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? |
| 13.12. What county do you live in? <br> FIPS county code Don't know/Not sure Refused | Section 15: Disability <br> 15.1. Are you limited in any way in any activities because of physical, mental, or emotional problems? |
| 13.13. What is your ZIP Code where you live? <br> ZIP Code <br> Don't know/Not sure <br> Refused <br> $\begin{array}{lllll}\overline{7} & 7 & \overline{7} & \overline{7} & \overline{7} \\ 9 & 9 & 9 & 9 & 9\end{array}$ | 15.2. Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone? |
| 13.14. Do you have more than one telephone number in your household? Do not include cell phones or numbers that are only used by a computer or fax machine. | Section 16: Arthritis Burden <br> 16.1. DURING THE PAST 30 DAYS, have you had symptoms of pain, aching, or stiffness in or around a joint? |
| 13.15. How many of these are residential numbers? Residential phone numbers | 16.2. Did your joint symptoms FIRST begin more than 3 months ago? |
| 13.16. During the past 12 months, has your household been without telephone service for 1 week or more? | 16.3. Have you EVER seen a doctor or other health professional for these joint symptoms? |

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16.4. Have you EVER been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?

| Yes | 1 |
| :--- | :--- |
| No | 2 |
| Don't know/Not sure | 7 |
| Refused | 9 |


|  |  |
| :--- | :---: |
| 16.5. Are you now limited in any way |  |
| usual activities because of arthritis |  |
| Yes | 1 |
| No | 2 |
| Don't know/Not sure | 7 |
| Refused | 9 |

17.6. Not counting carrots, potatoes, or salad, how many servings of vegetables do you usually eat?

| Per day | 1 |  |  |
| :--- | :--- | :--- | :--- |
| Per week | 2 | - |  |
| Per month | 3 | - | - |
| Per year | 4 | - | - |
| Never | 5 | 5 | 5 |
| Don't know/Not sure | 7 | 7 | 7 |
| Refused | 9 | 9 | 9 |

## Section 18: Physical Activity

18.1. When you are at work, which of the following best describes what you do? Would you say

Mostly sitting or standing 1
Mostly walking 2
Mostly heavy labor/physically demanding work 3
Don't know/Not sure
7
Refused 9
18.2. Now, thinking about the moderate activities you do in a usual week, do you do moderate activities for at least 10 minutes at a time, such as brisk walking, bicycling, vacuuming, gardening, or anything else that causes some increase in breathing or heart rate?

Yes 1
No 2
Don't know/Not sure 7
Refused 9

Section 17: Fruits \& Vegetables
17.1. How often do you drink fruit juices such as orange, grapefruit, or tomato?

| Per day |  |
| :---: | :---: |
| Per week |  |
| Per month | 3 |
| Per year | 4 |
| Never | 555 |
| Don't know/Not sure | 777 |
| Refused | 999 |

17.2. Not counting juice, how often do you eat fruit?

| Per day | 1 |
| :--- | :--- |
| Per week | $2-$ |
| Per month | $3--$ |
| Per year | $4-$ |
| Never | 5 |
| Don't know/Not sure | 7 |

17.4. How often do you eat potatoes not including French
fries, fried potatoes, or potato chips?

| Per day | 1 |  |
| :--- | :--- | :--- |
| Per week | 2 | - |
| Per month | 3 | - |
| Per year | 4 | - |
| Never | 5 | 5 |
| Don't know/Not sure | 7 | 7 |
|  | 7 |  |
| Refused | 9 | 9 |

17.5. How often do you eat carrots?
Per day 1

Per week
1 __

-     - 

Per month
Per year
3 $\qquad$
4
Never $\quad 5 \overline{5} \overline{5}$
Don't know/Not sure $\quad 777$
Refused
999

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18.7. On days when you do vigorous activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?

| Hours and minutes per day |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  | $\overline{7}$ | $\overline{7}$ |  |
| Don't know/Not sure | 9 | 9 | 9 |

Refused 999

## Section 19: HIVIAIDS

19.1. Have you EVER been tested for HIV? Do not count tests you may have had as part of a blood donation Include tests using fluid from your mouth.

| Yes |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| No |  |  |  | 2 |  |
| Don't know/Not sure |  |  |  |  |  |
| Refused |  |  |  |  |  |
| 2. Not including blood donations, in what month was your last HIV test? <br> de month and year n't know/Not sure fused $\qquad$ |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Refused
999999

Module 6: Actions to Control High Blood Pressure
MOD6_1. (Are you) changing your eating habits (to help
lower or control your high blood pressure)?
Yes 1
No 2
Don't know/Not sure 7
Refused 9
MOD6_2. (Are you) cutting down on salt (to help lower
or control your high blood pressure)?
Yes 1
No 2
Do not use salt 3
Don't know/Not sure 7
Refused 9
MOD6_3. (Are you) reducing alcohol use (to help lower or control your high blood pressure)?

Yes 1
No 2
Do not drink 3
Don't know/Not sure 7
Refused 9

MOD6_4. (Are you) exercising (to help lower or control your high blood pressure)?
Yes 1

No 2
Don't know/Not sure 7
Refused 9 9
19.3. Where did you have your last HIV test-at a private doctor or HMO office, at a counseling and testing site, at a hospital, at a clinic, in a jail or prison, at home, or somewhere else?
Private doctor or HMO 01
Counseling and testing site 02
Hospital 03
Clinic 04
In a jail or prison 05
Home 06
Somewhere else 07
Drug treatment facility 08
Don't know/Not sure 77
Refused 99
19.4. I am going to read you a list (*at end). When I am
done, please tell me if any of the situations apply to you.
You do not need to tell me which one.

| Yes | 1 |
| :--- | :--- |
| No | 2 |
| Don't know/Not sure | 7 |
| Refused | 9 |

Section 20: Emotional Support \& Life Satisfaction 20.1. How often do you get the social and emotional support you need?

## Always 1

Usually 2
Sometimes 3
Rarely 4
Never 5
Don't know/Not sure 7
Refused 9
20.2. In general, how satisfied are you with your life?

Very satisfied 1
Satisfied 2
Dissatisfied 3
Very dissatisfied 4
Don't know/Not sure 7

$$
\text { Refused } 9
$$

Refused 9

MOD6_5. (Ever advised you to) change your eating habits (to help lower or control your high blood pressure)?
Yes ..... 1

No
2

Don't know/Not sure 7
Refused
9
MOD6_6. (Ever advised you to) cut down on salt (to help lower or control your high blood pressure)?
Yes 1

No 2
Do not use salt 3
Don't know/Not sure 7
Refused 9

MOD6_7. (Ever advised you to) reduce alcohol use (to
help lower or control your high blood pressure)?
Yes 1
No 2
Do not drink 3
Don't know/Not sure 7
Refused 9

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MOD9_2. During the past 12 months, have you had an episode of asthma or an asthma attack?

| Yes | 1 |
| :--- | :--- |
| No | 2 |
| Don't know/Not sure | 7 |
| Refused | 9 |

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| MOD9_8. During the past 30 days, how many days did symptoms of asthma make it difficult for you to stay asleep? Would you say? | MOD10_4. Which one or more of the following would you say is the race of the child? |
| :---: | :---: |
| MOD9_9. During the past 30 days, how many days did you take a prescription asthma medication to prevent an asthma attack from occurring? | MOD10_5. Which one of these groups would you say best represents the child's race? |
| MOD9_10. During the past 30 days, how often did you use a prescription asthma inhaler during an asthma attack to stop it? | MOD10_6. How are you related to the child?  <br> Parent 1 <br> Grandparent 2 <br> Foster parent or guardian 3 <br> Sibling 4 <br> Other relative 5 <br> Not related in any way 6 <br> Don't know/Not sure 7 <br> Refused 9 |
| Module 10: Random Child Selection <br> MOD10.1. What is the birth month and year of the "Xth" child? <br> Code month and year <br> Don't know/Not sure <br> Refused | Module 11: Childhood Asthma Prevalence MOD11_1. Has a doctor, nurse or other health professional EVER said that the child has asthma? |
| MOD10.2. Is the child a boy or a girl? | MOD11_2. Does the child still have asthma?  <br> Yes 1 <br> No 2 <br> Don't know/Not sure 7 <br> Refused 9 |
| MOD10_3. Is the child Hispanic or Latino?  <br> Yes 1 <br> No 2 <br> Don't know/Not sure 7 <br> Refused 9 | Module 15: Colorectal Cancer Screening MOD15.1. A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood. Have you EVER had this test using a home kit? |

## V: 2005 ARIZONA QUESTIONNAIRE

MOD15_2. How long has it been since you had your last blood stool test using a home kit?

Within past year 1
Within past 2 years 2
Within past 5 years 3
5 or more years ago 4
Don't know/Not sure 7
Refused 9

1

2

4
9

MOD21 4. On how many visits did your doctor, nurse or other health professional recommend or discuss medication to assist you with quitting smoking, such as nicotine gum, patch, nasal spray, inhaler, lozenge, or prescription medication such as
Wellbutrin/Zyban/Buproprion?
Number of visits
Don't know/Not sure $\overline{7} \overline{7}$
None 88
Refused 99
MOD21_5. On how many visits did your doctor or health provider recommend or discuss methods and strategies other than medication to assist you with quitting smoking?
Number of times
Don't know/Not sure $\overline{7} \overline{7}$
None 88
Refused 99
Module 22: Secondhand Smoke Policy
MOD22_1. Which statement best describes the rules about smoking inside your home?
Smoking not allowed anywhere inside home 1
Smoking allowed in some places or some times 2
Smoking allowed anywhere inside home 3
There are no rules about smoking inside home 4
Don't know/Not sure 7
Refused 9

MOD22_2. While working at your job, are you indoors most of the time?

Yes 1
No 2
Don't know/Not sure 7
Refused 9

Within the past 3 months 2
Within the past 6 months 3
Within the past year 4
Within the past 5 years 5
Within the past 10 years 6
10 or more years ago 7
Don't know/Not sure 77
Refused 99
MOD21_2. In the last 12 months, how many times have you seen a doctor, nurse or other health professional to get any kind of care for yourself?

Number of times
Don't know/Not sure $\overline{7} \overline{7}$
None 88
Refused 99

MOD22_3. Which of the following best describes your place of work's official smoking policy for indoor public or common areas, such as lobbies, rest rooms, and lunchrooms?
Not allowed in any public areas 1
Allowed in some public areas 2
Allowed in all public areas 3
No official policy 4
Don't know/Not sure 7
Refused 9
MOD22_4. Which of the following best describes your
place of work's official smoking policy for work areas?
Not allowed in any work areas
1
Allowed in some work areas 2
Allowed in all work areas 3
No official policy 4
Don't know/Not sure 7
Refused

9

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| Module 25: Sexual Violence <br> MOD25_1. In the past 12 months, has anyone exposed you to unwanted sexual situations that did not involve physical touching? | MOD25_7. Has anyone EVER ATTEMPTED to have sex with you after you said or showed that you didn't want to or without your consent, BUT SEX DID NOT OCCUR? |
| :---: | :---: |
| MOD25_2. In the past 12 months, has anyone touched sexual parts of your body after you said or showed that you didn't want them to or without your consent? | MOD25_8. Has anyone EVER had sex with you after you said or showed that you didn't want them to or without your consent? |
| MOD25_3. In the past 12 months, has anyone ATTEMPTED to have sex with you after you said or showed that you didn't want to or without your consent, BUT SEX DID NOT OCCUR? | Module 26: Intimate Partner Violence <br> MOD26_1. Has an intimate partner EVER <br> THREATENED you with physical violence? This includes threatening to hit, slap, push, kick, or physically hurt you in any way. |
| MOD25_4. In the past 12 months, has anyone HAD SEX with you after you said or showed that you didn't want to or without your consent? | MOD26_2. Has an intimate partner EVER hit, slapped, pushed, kicked, or physically hurt you in any way? |
| MOD25_5. At the time of the most recent incident, what was your relationship to the person who [had sex-or attempted to have sex] with you after you said or showed that you didn't want to or without your consent. | MOD26_3. "Other than what you have already told me about" Has an intimate partner EVER ATTEMPTED physical violence against you? This includes times when they tried to hit, slap, push, kick, or otherwise physically hurt you, but they were not able to. |
| MOD25_6. Was the person who did this male or female? <br> Male <br> Female <br> Don't know/Not sure <br> Refused | MOD26_4. Have you EVER experienced any unwanted sex by a current or former intimate partner? |

## V: 2005 ARIZONA QUESTIONNAIRE

| MOD26_5. In the past 12 months, have you experienced any physical violence or had unwanted sex with an intimate partner? <br> Yes <br> No <br> Don't know/Not sure <br> Refused | AZ1_4. In the past year, have you seen a neurologist or epilepsy specialist for your epilepsy or seizure disorder? |
| :---: | :---: |
| MOD26_6. In the past 12 months, have you had any injuries, such as bruises, cuts, scrapes, black eyes, vaginal or anal tears, or broken bones, as a result of this physical violence or unwanted sex? | AZ1_5. During the past month, to what extent has epilepsy or its treatment interfered with your normal activities like working, school, or socializing with family or friends? Would you say... |
| MOD26_7. At the time of the most recent incident, what was your relationship to the intimate partner who was physically violent or had unwanted sex with you?. <br> Boyfriend <br> Girlfriend <br> Former boyfriend <br> Former girlfriend <br> Male you were dating <br> Female you were dating <br> Husband or male live-in partner 7 <br> Former husband or former male live-in partner <br> Wife or female live-in partner <br> Former wife or former female live-in partner <br> Other <br> Don't know/Not sure <br> Refused | State Added: Emergency Preparedness and Response <br> AZ2_1. How well prepared do you feel your household is to handle a large-scale disaster or emergency that could have an impact of 72 hours? Would you say... |
| State Added: Epilepsy <br> AZ1_1. Have you ever been told by a doctor that you have a seizure disorder or epilepsy? <br> Yes <br> No <br> Don't know/Not sure <br> Refused | AZ2_2. In the event of a large-scale disaster or emergency, which of the following do you have in place? |

AZ1_2. Are you currently taking any medicine to control your seizure disorder or epilepsy?
Yes 1

No 2
Don't know/Not sure 7
$\qquad$
AZ1_3. How many seizures of any type have you had in the last three months?
None 1
One 2

More than one 3
No longer have epilepsy or seizure disorder 4
Don't know/Not sure 7
Refused 9

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## VI: 2005 BRFSS WEIGHTING FORMULA

## FINALWT = STRWT * 1 OVER NPH * NAD * POSTSTRAT

FINALWT is the final weight assigned to each respondent.
STRWT accounts for differences in the basic probability of selection among strata (subsets of area code/prefix combinations). It is the inverse of the sampling fraction of each stratum. There is almost never a complete correspondence between strata, which are defined by subsets of area code/prefix combinations, and regions, which are defined by the boundaries of government entities.
$1 /$ NPH is the inverse of the number of residential telephone numbers in the respondent's household.

NAD is the number of adults in the respondent's household.
POSTSTRAT is the number of people in an age-by-gender or age-by-race-by-gender category in the population of a region or a state divided by the sum of the products of the preceding weights for the respondents in that same age-by-gender or age-by-race-by-gender category. It adjusts for non-coverage and non-response and, before 1995, also adjusts for different probabilities of selection by region, where applicable.

Arizona Department of Health Services Bureau of Public Health Statistics

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[^0]:    * 95\% Confidence Interval: 12.3\%-16.7\%.

[^1]:    * 95\% Confidence Interval: 23.9\%-28.3\%.

[^2]:    * 95\% Confidence Interval: 10.4\%-13.9\%.

[^3]:    * 95\% Confidence Interval: 17.8\%-22.7\%.

[^4]:    * 95\% Confidence Interval: 40.7\%-47.3\%.

[^5]:    * 95\% Confidence Interval: 6.15\%-8.77\%.

[^6]:    * 95\% Confidence Interval: 18.2\%-23.7\%.

[^7]:    * 95\% Confidence Interval: 20.4\%-24.3\%.

[^8]:    * 95\% Confidence Interval: 18.8\%-23.4\%.

[^9]:    * Weighted percentages.

