

# Logan County 2011 County Adult Health Survey



**STAMP OUT SMOKING**  
Arkansas Department of Health  
[www.stampoutsmoking.com](http://www.stampoutsmoking.com)

*YOUR TOBACCO SETTLEMENT DOLLARS AT WORK*

Coordinated by:

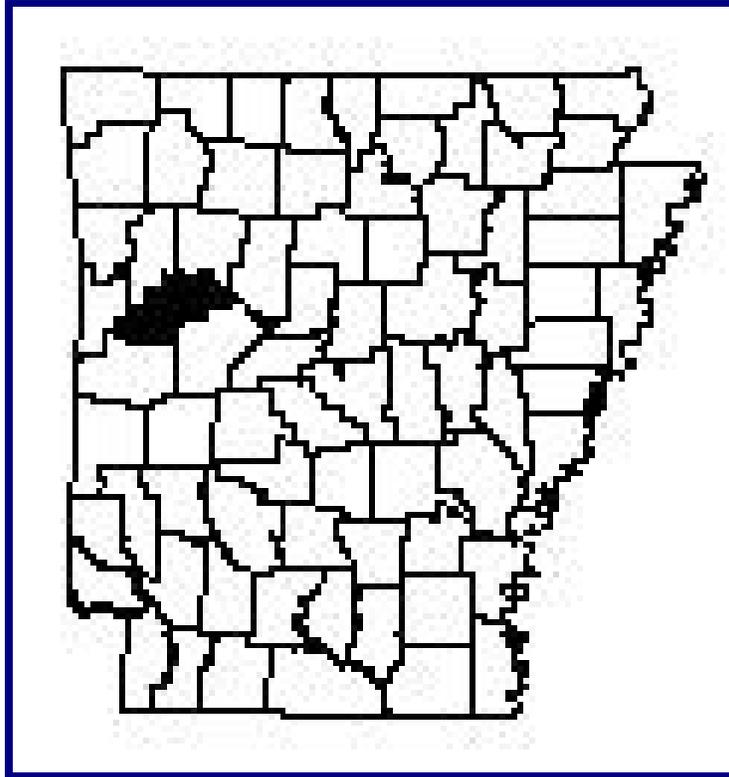
Logan County HHI

and

Arkansas Department of Health

Health Statistics Branch

# Logan County, 2011



County Adult Health Survey  
*Based on the Behavioral Risk Factor Surveillance  
System (BRFSS)*

**September 2011**

For more information about the Logan County  
2011 County Adult Health Survey

Logan County Local Health Unit  
150 South Lowder  
Paris, AR 72855  
(479) 963-6126

For more information about the Logan County, County Adult Health Survey, the BRFSS, or analysis of the survey data,  
please contact:

Melody Smith  
Research Project Analyst  
Center for Health Statistics  
Arkansas Department of Health  
4815 West Markham  
Little Rock, AR 72205  
501-661-2666  
[melody.smith@arkansas.gov](mailto:melody.smith@arkansas.gov)



## Table of Contents

<a href="#">Introduction to the 2011 Logan County Adult Health Survey</a> .....	1
<a href="#">Health status</a> .....	7
<a href="#">Health care access</a> .....	13
<a href="#">Hypertension</a> .....	15
<a href="#">Cholesterol</a> .....	17
<a href="#">Cardiovascular disease prevalence</a> .....	21
<a href="#">Asthma</a> .....	27
<a href="#">Diabetes</a> .....	29
<a href="#">Arthritis</a> .....	31
<a href="#">Colorectal cancer screening</a> .....	35
<a href="#">Prostate cancer screening</a> .....	37
<a href="#">Immunization – influenza shot</a> .....	39
<a href="#">Oral health</a> .....	41
<a href="#">Physical activity</a> .....	45
<a href="#">Overweight</a> .....	47
<a href="#">Fruits and vegetables</a> .....	49
<a href="#">Disability</a> .....	51
<a href="#">Alcohol consumption</a> .....	59
<a href="#">Tobacco use</a> .....	63
<a href="#">Women’s health</a> .....	79
<a href="#">Appendix A</a> Logan County Comparison with state and national BRFSS.....	90
<a href="#">Appendix B</a> Logan County Comparison with state and national BRFSS, by gender.....	95
<a href="#">Appendix C</a> Logan County Confidence Intervals.....	102
<a href="#">Appendix D</a> County Adult Health Survey Questions.....	119

Logan County  
2011 County Adult Health Survey

Introduction

**What is the County Adult Health Survey?**

The national focus on improving the health of American citizens has also become a major focus for local communities.<sup>1</sup> As a result, health related data are needed by state, county, and local agencies for developing health-promotion programs and to efficiently target health dollars. The **County Adult Health Survey** is an instrument used by **Hometown Health Improvement** to collect, evaluate, and monitor personal risk behaviors that affect the health of adults in Arkansas communities. The survey uses questions from the **Behavioral Risk Factor Surveillance System** survey (BRFSS), developed by the Centers for Disease Control.<sup>2</sup>

**What is Hometown Health Improvement?**

Hometown Health Improvement is a grassroots initiative that stresses cooperative action and creative solutions at the local level to identify community health problems and to develop and implement ways to solve them.

This goal is accomplished through cooperation, coalition building, community health assessment, prioritization of health issues, and the development and implementation of health-improving strategies designed and sustained locally.



As part of this initiative, Logan County conducted the County Adult Health Survey using questions from the Behavioral Risk Factor Surveillance System (BRFSS).

---

<sup>1</sup> Centers for Disease Control and Prevention. Healthy People 2010. Atlanta, Georgia. <http://www.healthypeople.gov>

<sup>2</sup> Centers for Disease Control and Prevention. About BRFSS. Atlanta, Georgia. <http://www.cdc.gov/nccdphp/brfss/about.htm>

### **What is the BRFSS?**

The BRFSS is a survey developed to help states collect and monitor state level information on health conditions and the major risk behaviors that can affect the health of their adults. It was developed in the 1980s by the Centers for Disease Control and Prevention after research indicated that personal health behaviors play an important role in premature death and illness. Primarily, the survey focuses on behaviors that are linked to the leading causes of death (heart disease, cancer, stroke, diabetes and injury) and other important health issues. The specific behaviors included in the survey are the following:

- Not getting enough physical activity
- Being overweight
- Not using seatbelts
- Using tobacco and alcohol
- Not getting preventive medical care (e.g. flu shots, mammograms, Pap smears, colorectal exams) that can save lives.

### **How is the BRFSS used?**

State and local health departments in all 50 states rely heavily on BRFSS data to do the following:

- Determine priority health issues and identify populations at highest risk.
- Develop strategic plans and target prevention programs.
- Monitor the effectiveness of intervention strategies and progress toward prevention goals.
- Educate the public, the health community, and policymakers about disease prevention.
- Support community policies that promote health and prevent disease.

BRFSS information is also used by researchers, voluntary, organizations and professional managed care organizations to target prevention efforts. Recognizing the value of such a system in addressing priority health issues in the coming century; China, Canada, and other countries have looked to CDC for assistance in establishing BRFSS-like systems for their own populations.

The ability to determine which population groups have the greatest health risk factors is essential in effectively targeting scarce prevention resources. BRFSS data can be analyzed by a variety of demographic and economic variables such as age, education, income, and racial and ethnic background, to determine which populations are at highest risk in a community.

**How did Logan County conduct the County Adult Health Survey?**

During the months January and February 2011, a telephone survey of 881 randomly selected adults in Logan County was conducted. Telephone interviews were carried out and supervised by trained telephone research interviewers at the University of Arkansas at Little Rock’s Institute of Government.



### Who participated in the 2011 Logan County Adult Health Survey?

Of the 881 people who were interviewed, 341 were men and 540 were women. The following chart summarizes the demographics of the survey participants as both raw numbers and as weighted data. The raw data is the data collected from the sample of persons interviewed. The weighted data is the collected survey data (raw data) that has been adjusted to represent the population from which the sample was drawn.

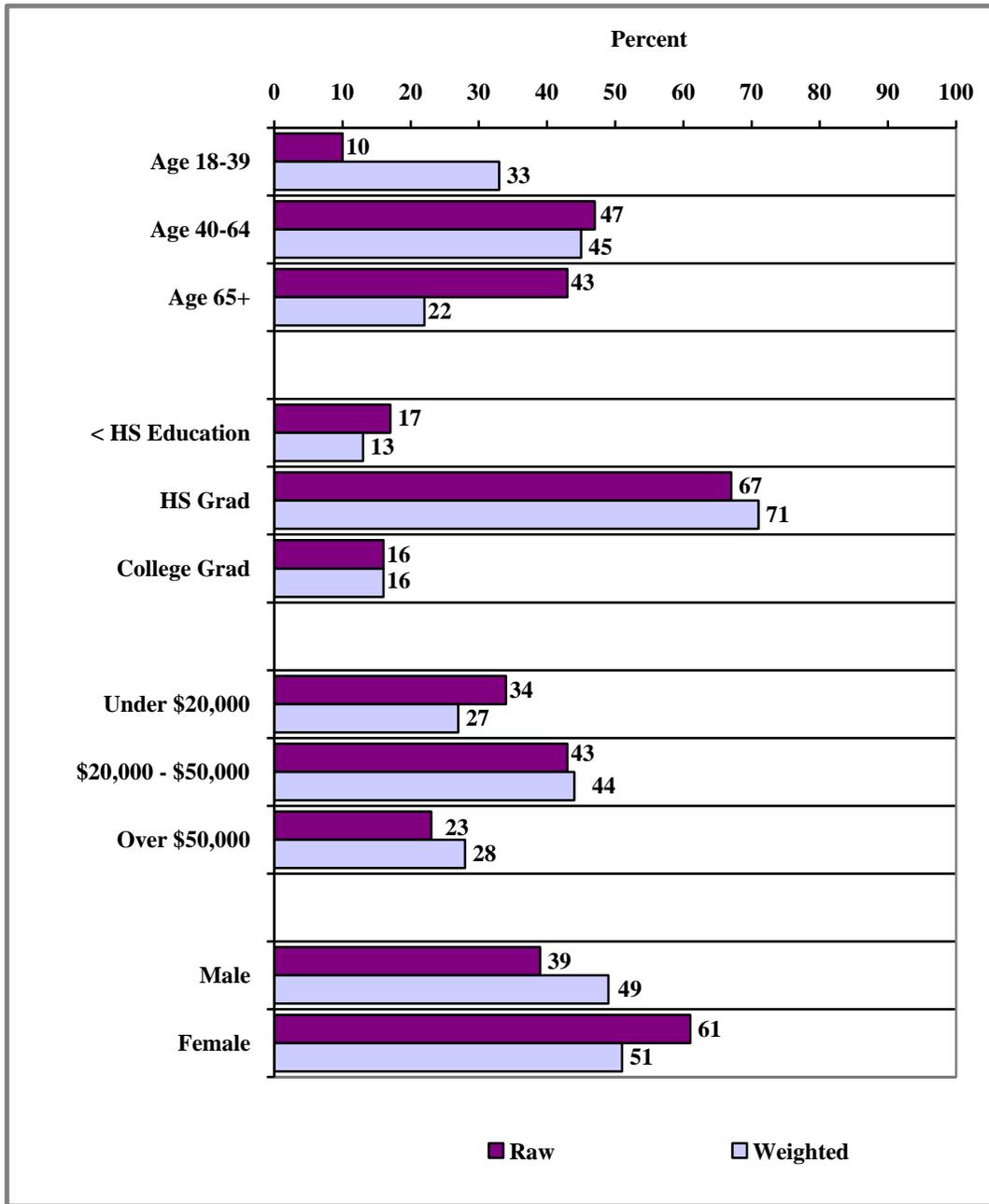
Generally, all data presented in the report is based on the **weighted** data. All percentages presented in this report are rounded to the nearest whole percent. However, data presented in the frequency tables in the risk factor section is raw data. The total number of responses (i.e. frequencies) for each question may not add up to the total number of people interviewed as each respondent may not have provided answers to all questions.

Table 1: Survey demographics

<b>Variables</b>	<b>Categories</b>	<b>Raw Data %</b>	<b>Weighted Data (%)</b>
<b>Age (years)</b>	Age 18-39	10	33
	Age 40-64	47	45
	Age 65+	43	22
<b>Education</b>	< HS Education	17	13
	HS Grad	67	71
	College Grad	16	16
<b>Income</b>	Under \$20,000	34	27
	\$20,000 - \$50,000	43	44
	Over \$50,000	23	28
<b>Gender</b>	Male	39	49
	Female	61	51

**Who participated in the 2011 Logan County Adult Health Survey? (continued)**

Figure 1: Survey demographics, by, age, education, income, and gender



# Risk Factors

## Health Status

The survey asked respondents to rate their general, physical, and mental health status. Perceived health status is an important indicator of functionality and health-related quality of life. It assesses health issues that are not measured by standard morbidity and mortality data.

### General Health

#### **Risk Factor Definition: General health “fair” or “poor”**

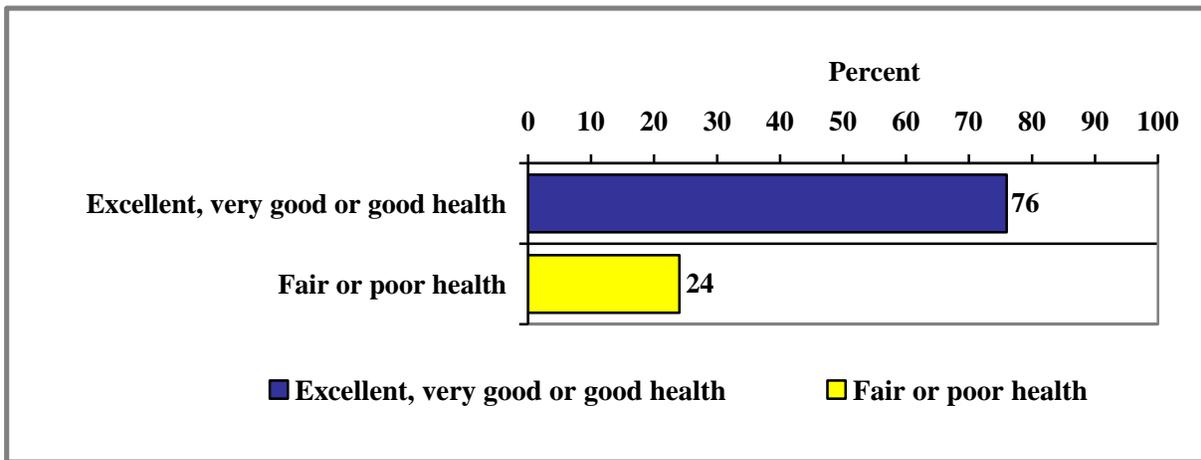
Question: Would you say that your general health is “excellent,” “very good,” “good,” “fair,” or “poor?”

At risk: Those who answered “fair” or “poor” are considered at risk.

Table 1: General health status (overall)

General health	Frequency (n)
Fair, Poor	267
Excellent, Very Good, Good	610

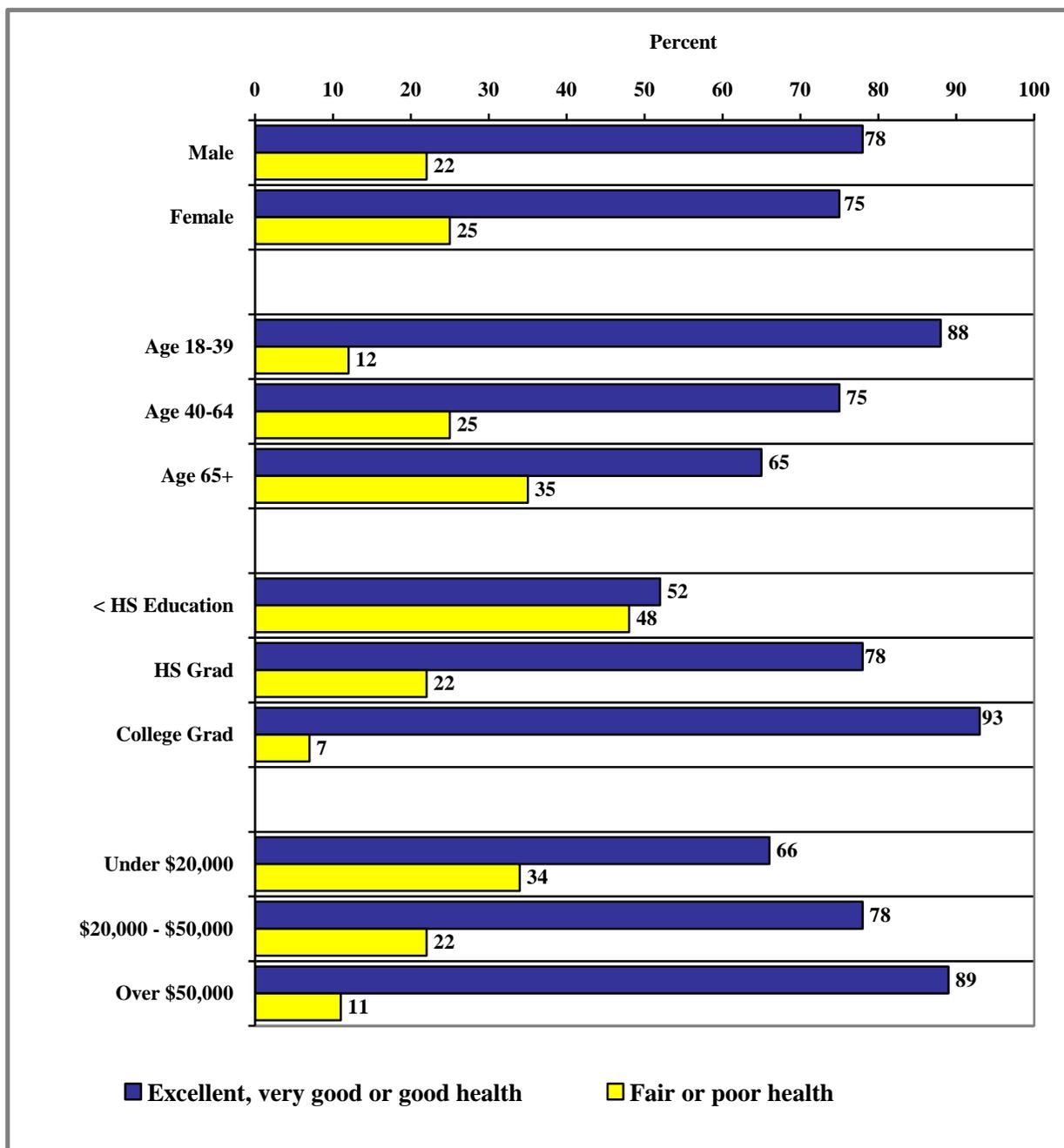
Figure 1: General health status (overall)



Health Status (continued)

**Question:** Would you say that your general health is “excellent,” “very good,” “good,” “fair,” or “poor?”

Figure 2: General health status (by selected characteristics)



## Health Status (continued)

### Physical Health

#### **Risk Factor Definition: Physical health “not good”**

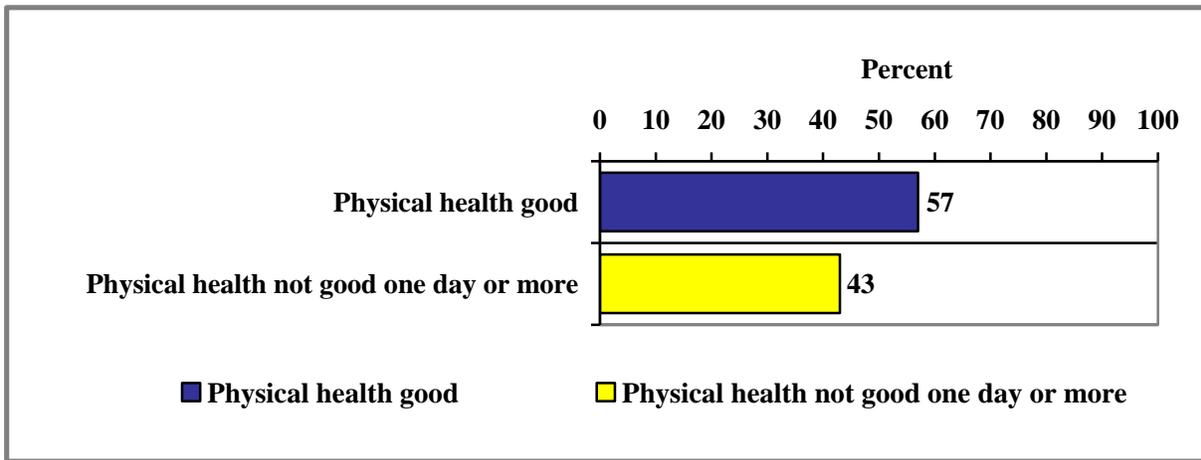
Question: Now thinking about your physical health, which includes physical illness and injury, for how many days during the past 30 days was your physical health not good?

At risk: Having one or more self-reported days of “not good” physical health.

Table 2: Physical health status (overall)

Physical health	Frequency (n)
Physical health not good one day or more	382
Physical health good	476

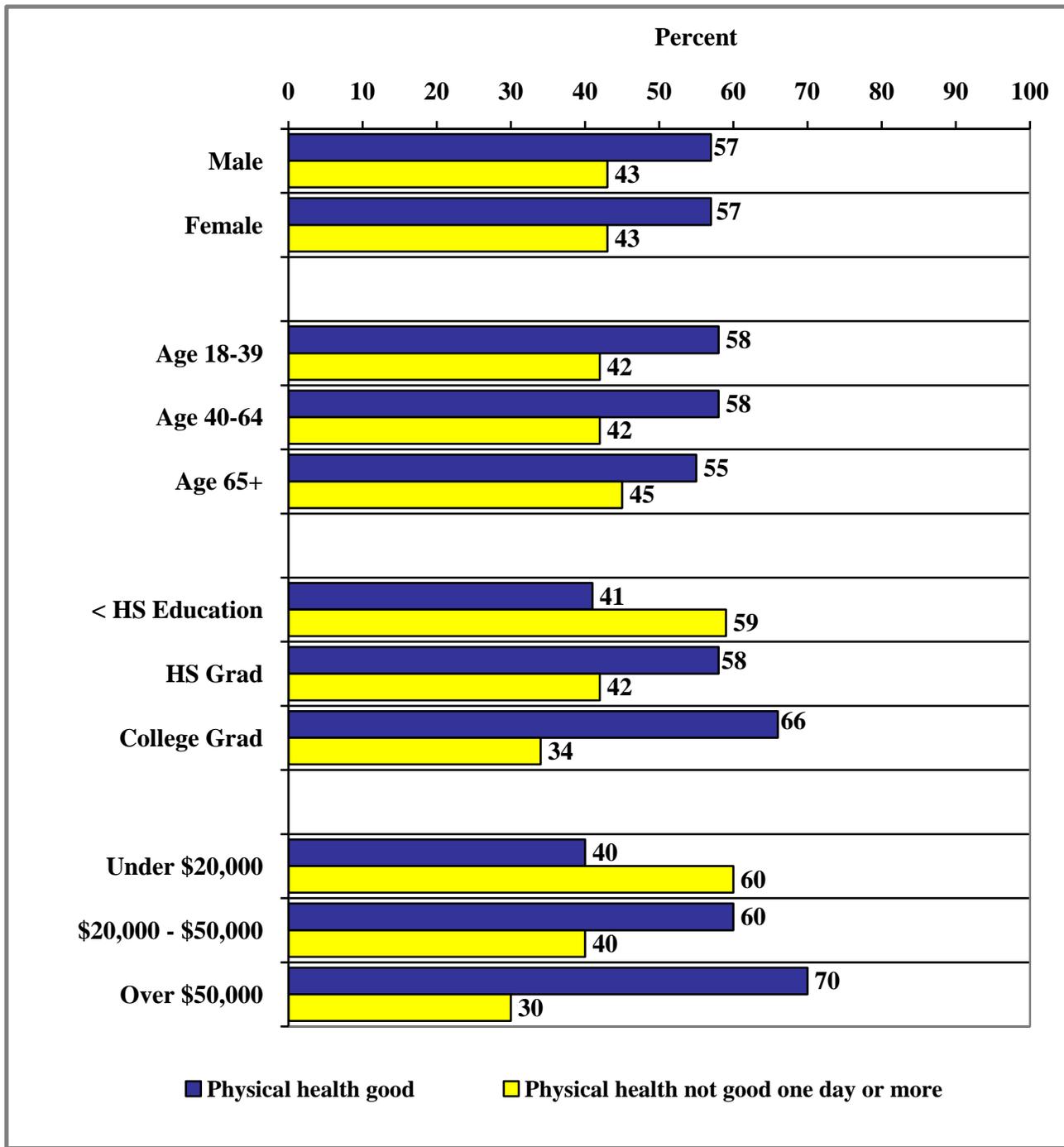
Figure 3: Physical health status (overall)



Health Status (continued)

**Question:** 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?

Figure 4: Physical health status (by selected characteristics)



## Health Status (continued)

### Mental Health

Mental health includes stress, depression, and problems with emotions.

#### **Risk Factor Definition: Mental health “not good”**

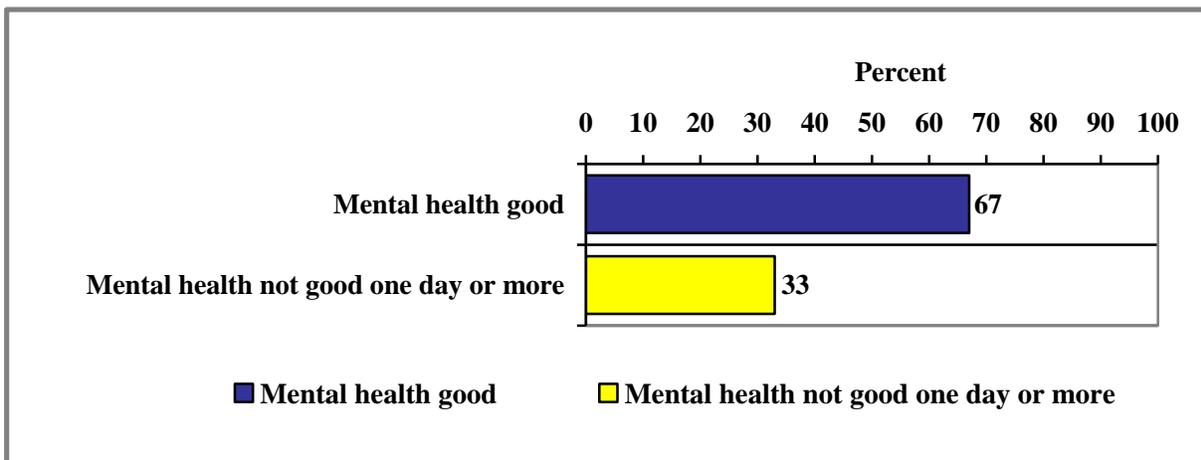
Question: How many days during the past 30 days was your mental health not good?

At risk: Having one or more self-reported days of “not good” mental health.

Table 3: Mental health status (overall)

Mental health	Frequency (n)
Mental health not good one day or more	252
Mental health good	592

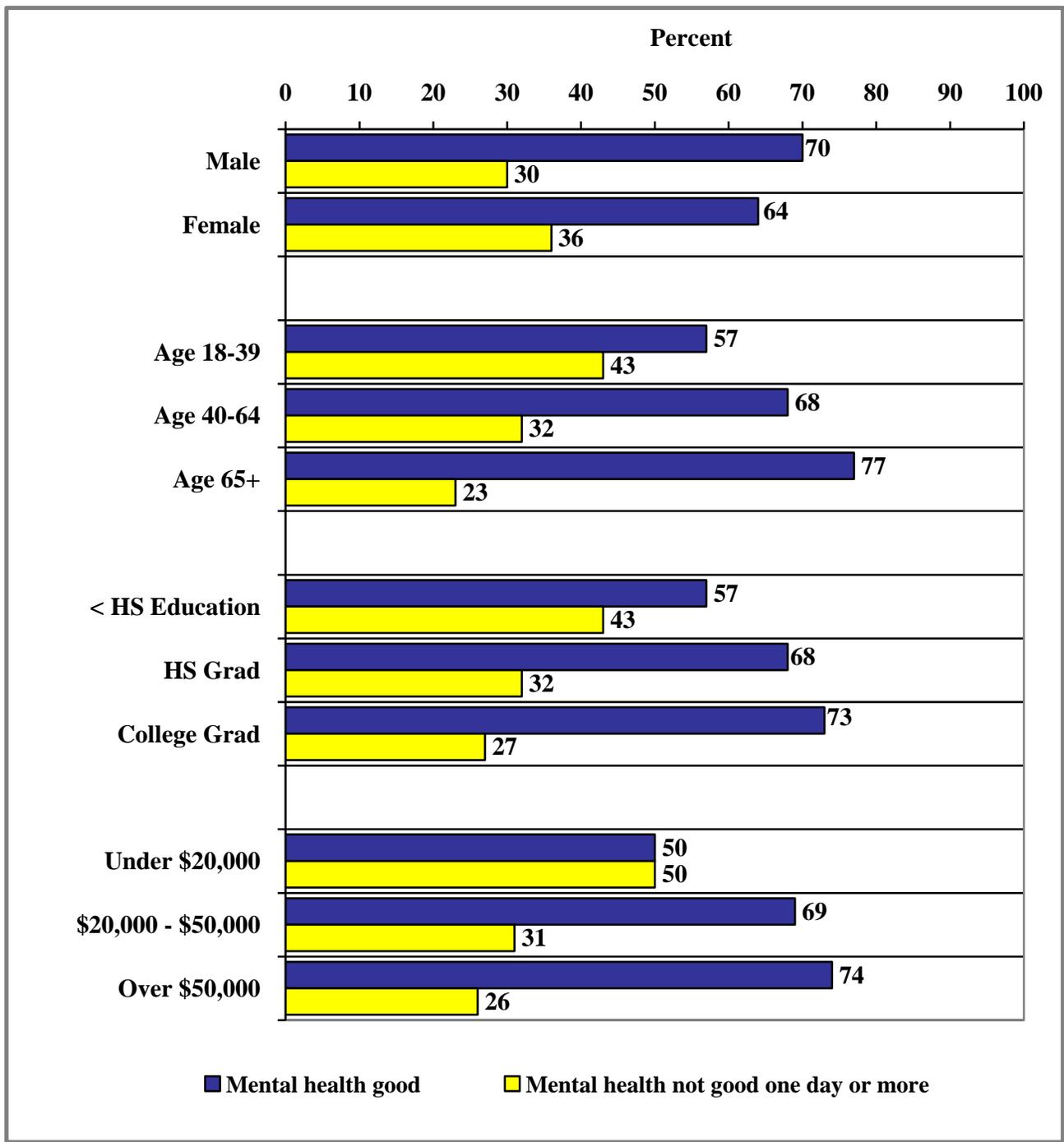
Figure 5: Mental health status (overall)



**Health Status** (continued)

**Question:** How many days during the past thirty days was your mental health not good?

Figure 6: Mental health status (by selected characteristics)



## Health Care Access

The survey asked if respondents had health insurance. Health insurance provides better access to health care. Those with health insurance are more likely to have a primary care physician to receive appropriate preventative care.



### **Risk Factor Definition: No health care coverage**

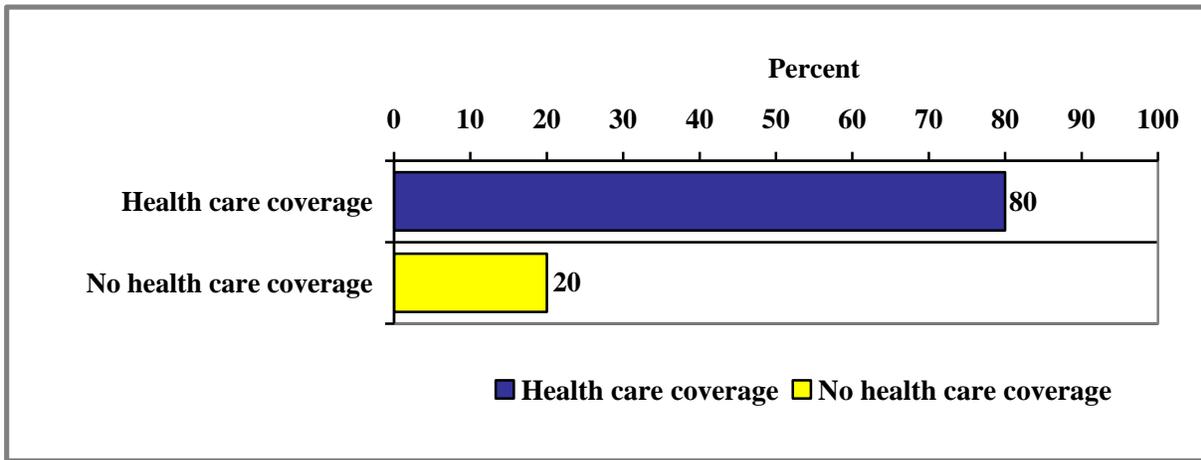
**Question:** Do you have any kind of health care coverage, including health insurance prepaid plans such as HMOs, or government plans such as Medicare?

**At risk:** Those who answered “no” are considered at risk.

**Table 1:** Health care coverage (overall)

Health care coverage	Frequency (n)
No health insurance	92
Have health insurance	764

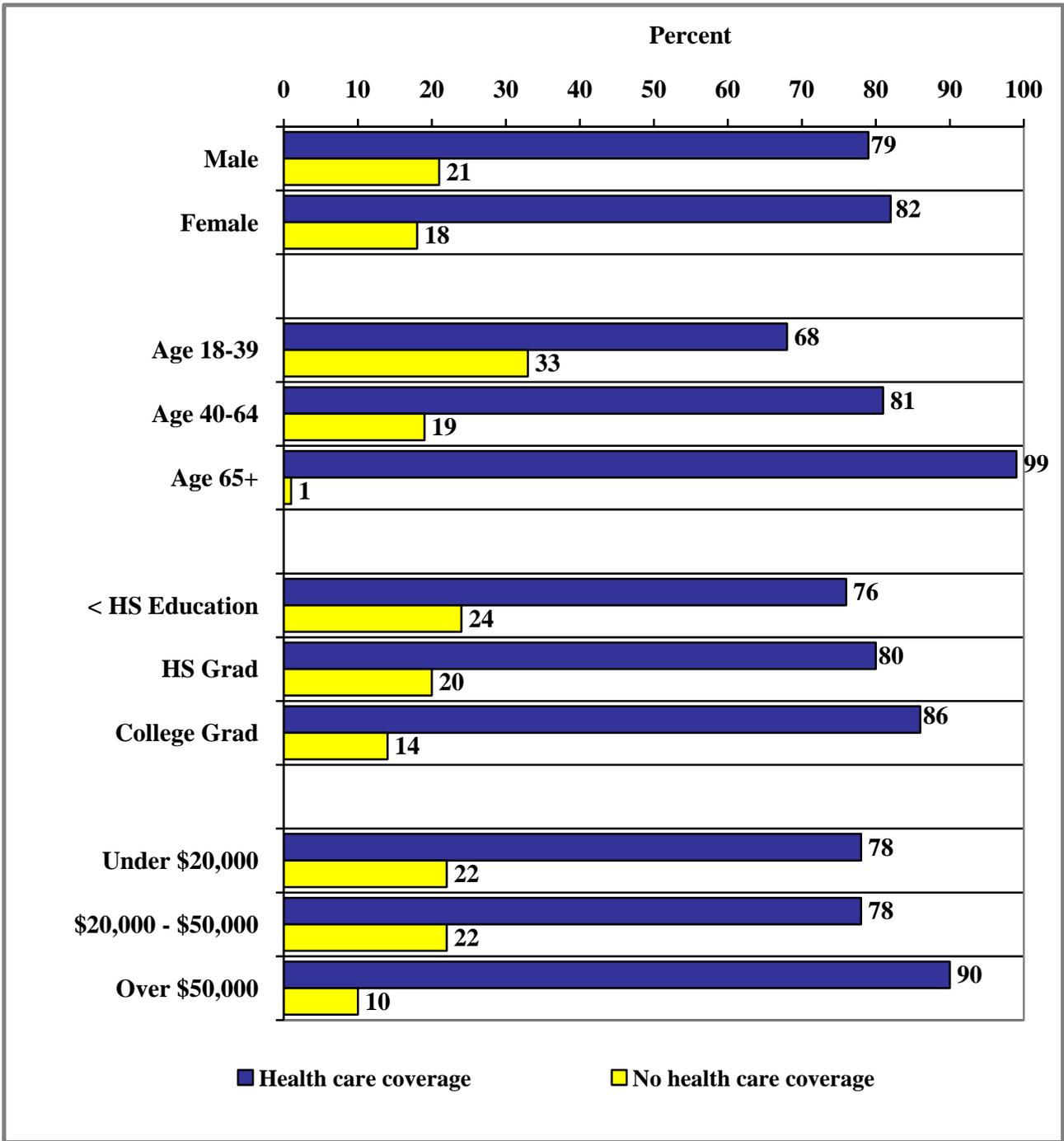
**Figure 1:** Health care coverage (overall)



Health Care Access (continued)

**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 2: Health care coverage (by selected characteristics)



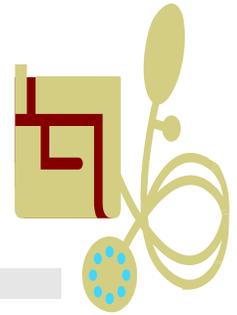
## Hypertension

Uncontrolled high blood pressure can lead to stroke, heart attack, heart failure, or kidney failure.

### **Risk Factor Definition: Have high blood pressure (hypertension)**

**Question:** Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?

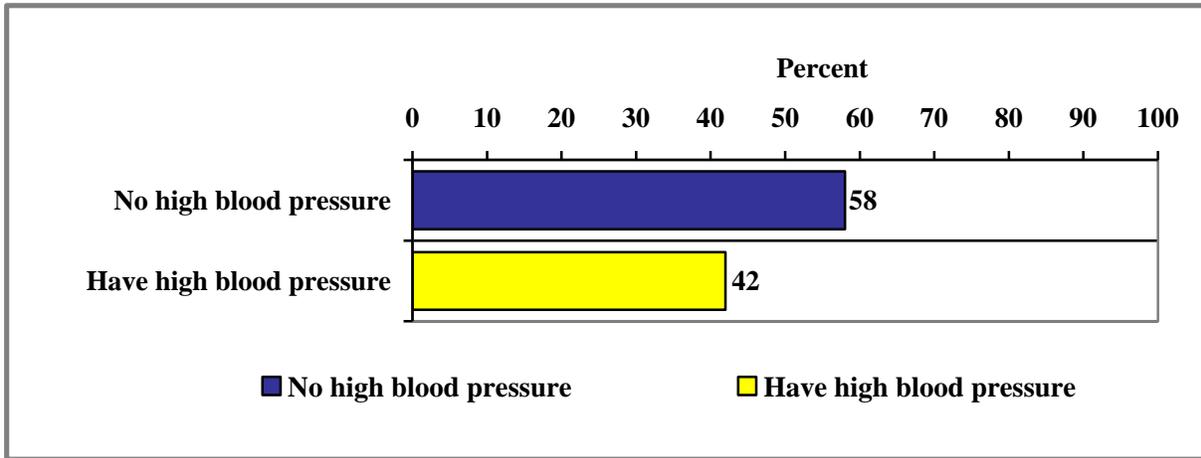
**At risk:** Those who answered “yes” are considered at risk.



**Table 1:** High blood pressure (hypertension) (overall)

Hypertension	Frequency (n)
Have high blood pressure	444
No high blood pressure	417

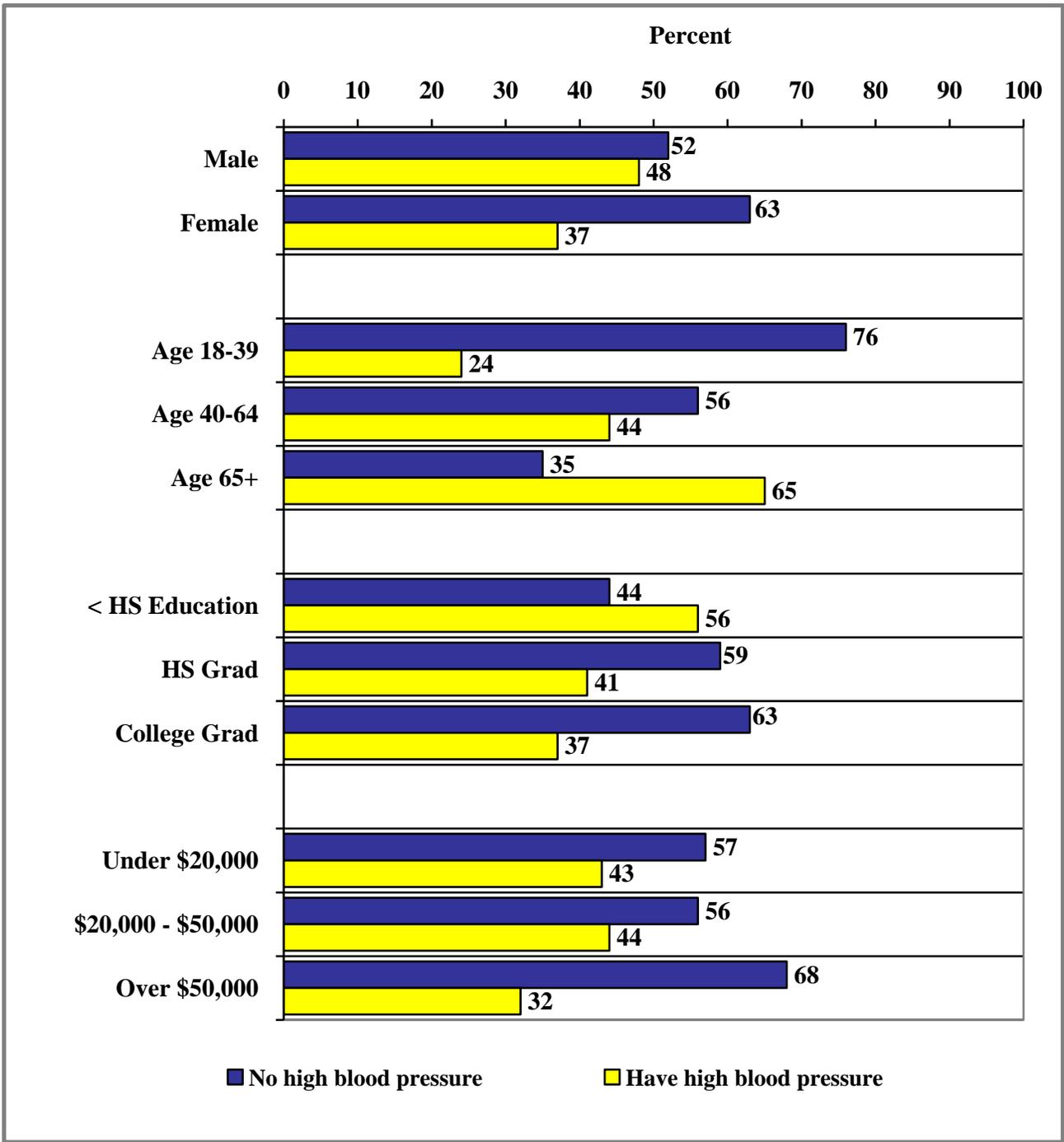
**Figure 1:** High blood pressure (hypertension) (overall)



**Hypertension** (continued)

**Question:** Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?

Figure 2: High blood pressure (hypertension) (by selected characteristics)



## Cholesterol

People with high cholesterol are at a higher risk for heart attack and stroke. Blood cholesterol is a fatty substance found in the blood.

### Testing for Cholesterol

#### **Risk Factor Definition: Have not had blood cholesterol checked in past five years**

#### Questions:

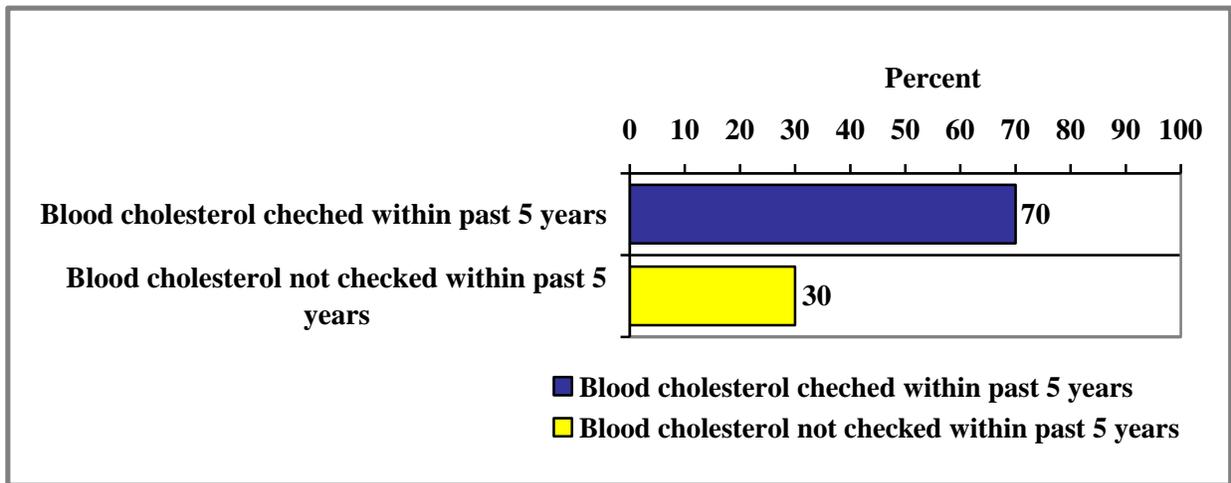
1. Have you ever had your blood cholesterol checked?
2. How long has it been since you had your blood cholesterol checked?

At risk: Those who have not had their blood cholesterol checked within the past 5 years are considered at risk.

Table 1: Testing for blood cholesterol (overall)

Testing for cholesterol	Frequency (n)
Blood cholesterol not checked in past five years	146
Blood cholesterol checked in past five years	696

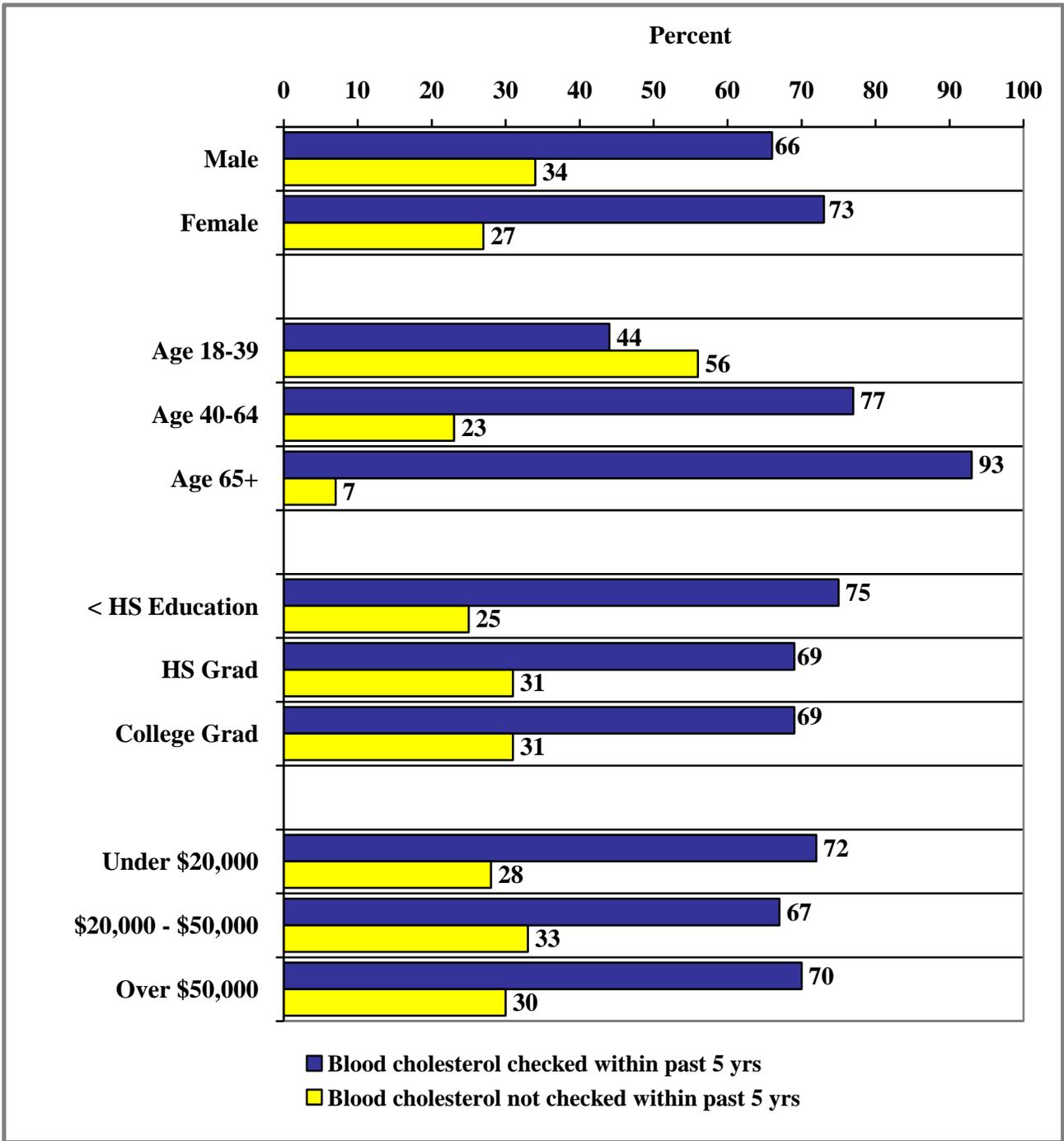
Figure 1: Testing for blood cholesterol (overall)



Cholesterol (continued)

**Question:** Have you ever had your blood cholesterol checked? How long has it been since you had your blood cholesterol checked?

Figure 2: Testing for blood cholesterol (by selected characteristics)



## Cholesterol (continued)

### Blood Cholesterol Level

#### **Risk Factor Definition: High blood cholesterol level**

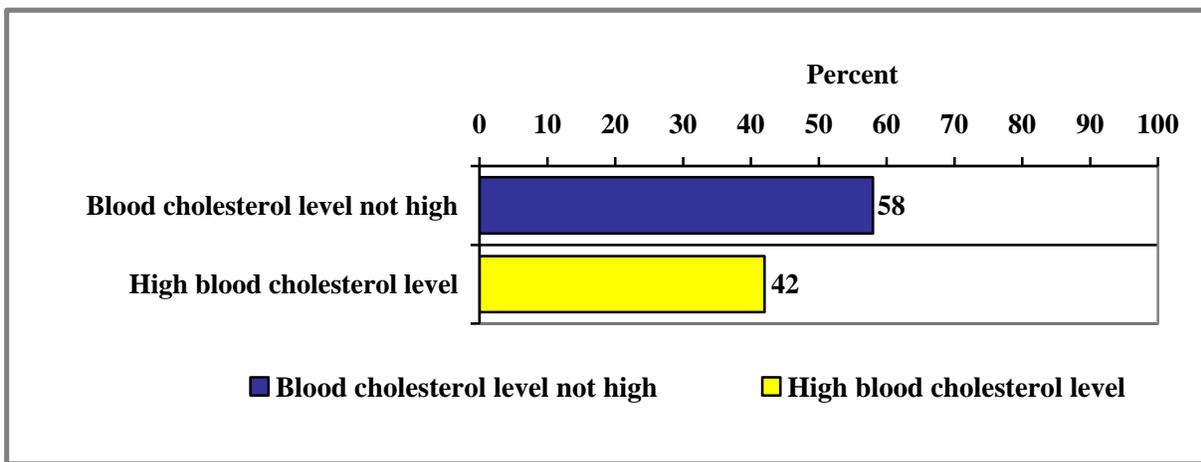
**Question:** Have you ever been told by a doctor, nurse, or other health professional that your blood cholesterol is high?

**At risk:** Of those who reported that they had blood cholesterol test done, those respondents who answered “yes” are considered at risk.

**Table 2:** Blood cholesterol level (overall)

Blood cholesterol level	Frequency (n)
High blood cholesterol	353
Blood cholesterol not high	373

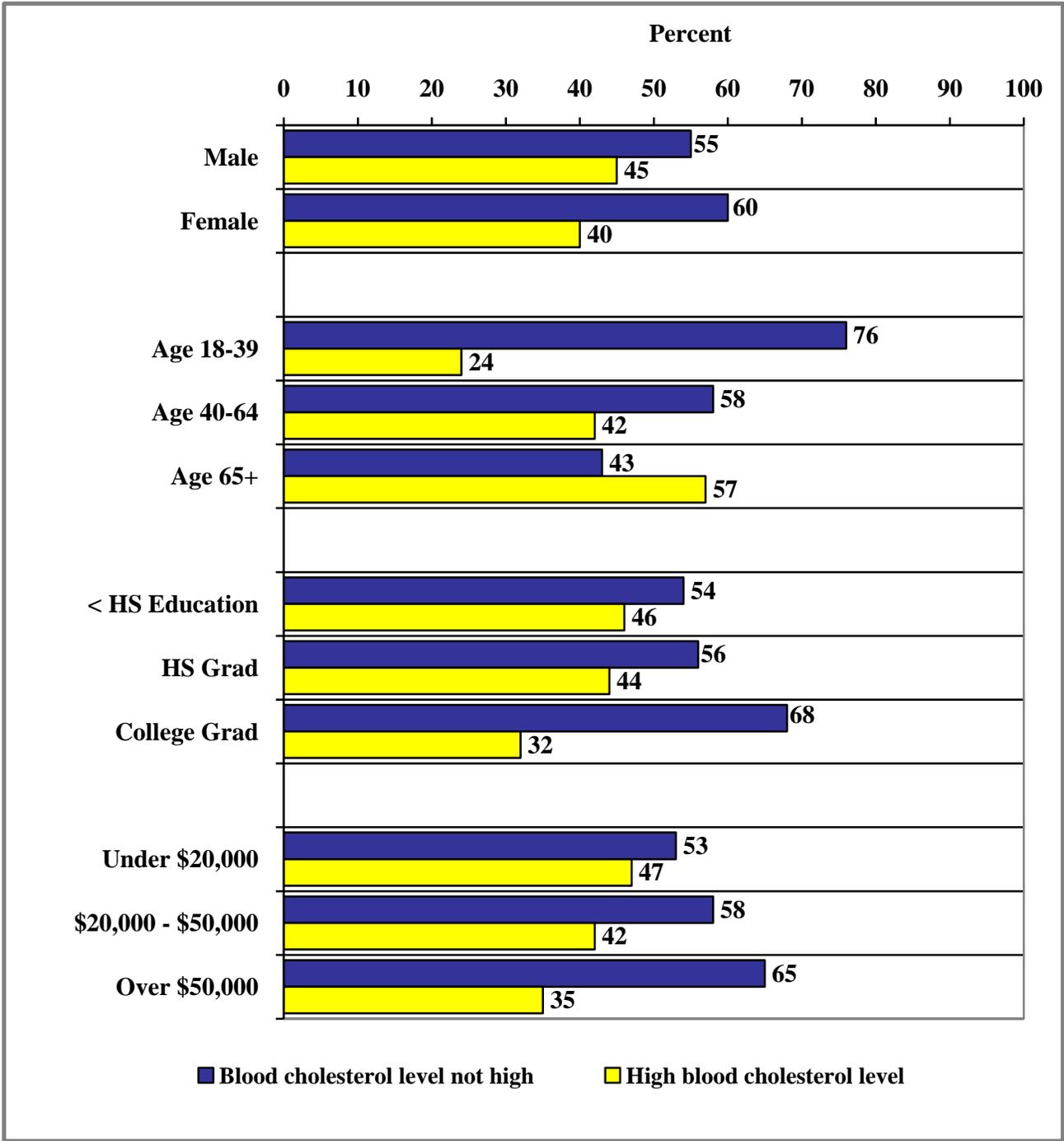
**Figure 3:** Blood cholesterol level (overall)



Cholesterol (continued)

**Question:** Have you ever been told by a doctor, nurse, or other health professional that your blood cholesterol is high?

Figure 4: Blood cholesterol level (by selected characteristics)



## Cardiovascular Disease Prevalence

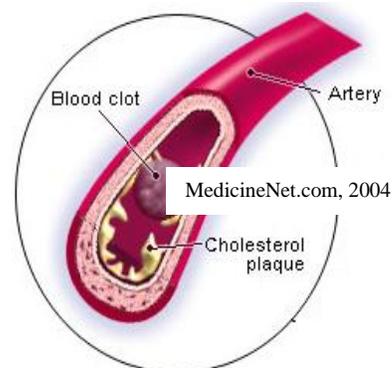
### Myocardial infarction (heart attack)

A heart attack occurs when blood flow to a section of heart muscle becomes blocked. If the flow of blood is not restored quickly, the section of heart muscle becomes damaged from lack of oxygen and begins to die. Heart attack is a leading killer of both men and women in the United States.<sup>3</sup>

#### **Risk Factor Definition: Ever had a myocardial infarction**

**Question:** Has a doctor, nurse, or other health professional ever told you that you had a heart attack, also known as a myocardial infarction?

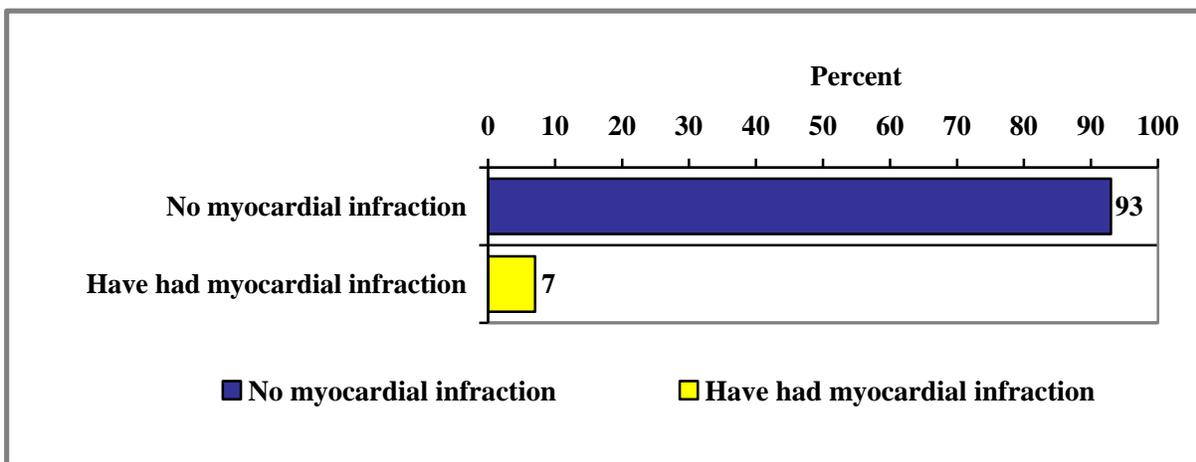
**At risk:** Those who answered “yes” are considered at risk.



**Table 1:** Myocardial infarction (heart attack) (overall)

Myocardial infraction	Frequency (n)
<b>Have had myocardial infraction</b>	91
<b>No myocardial infraction</b>	737

**Figure 1:** Myocardial infarction (heart attack) (overall)

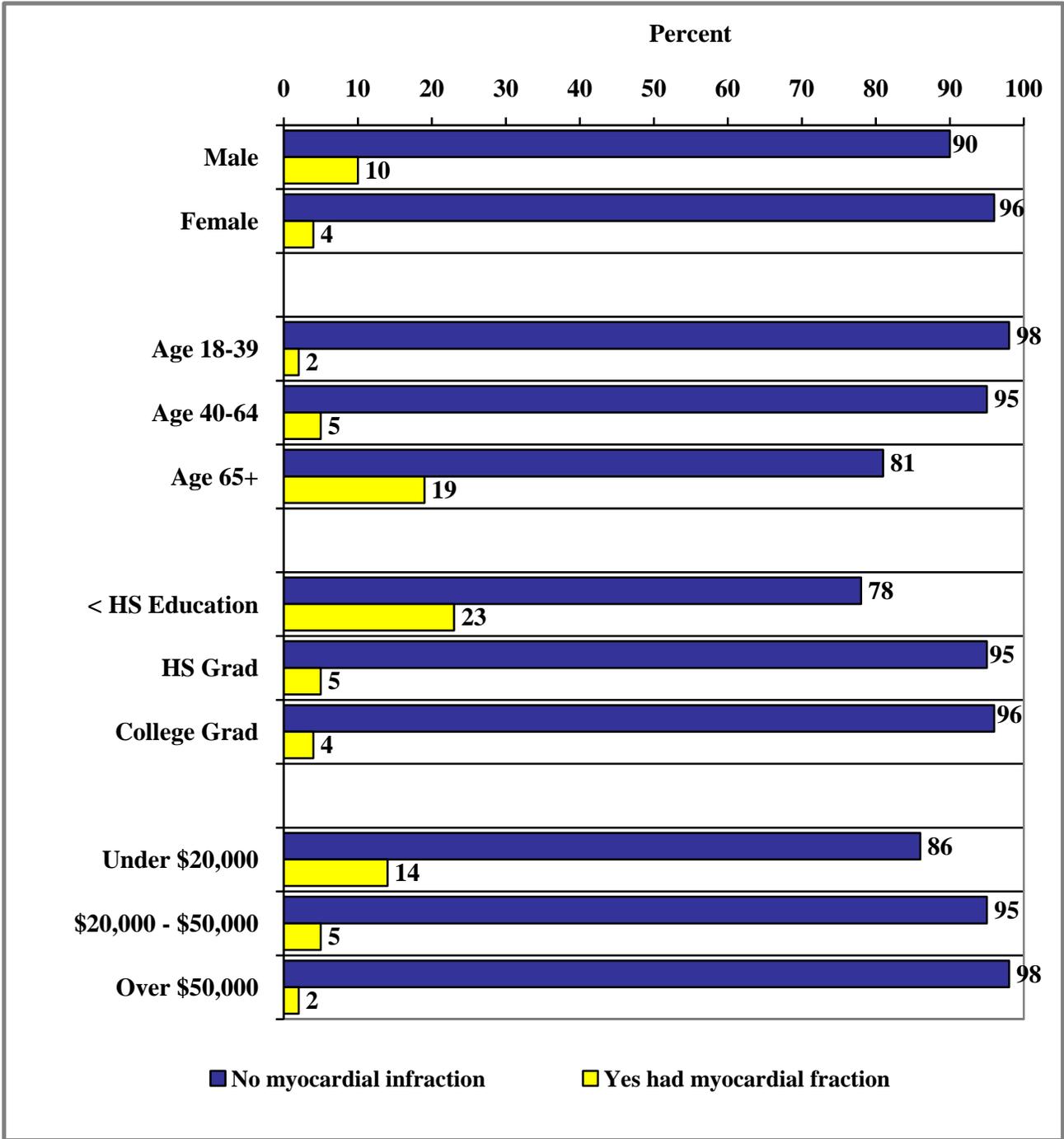


<sup>3</sup> [http://www.nhlbi.nih.gov/health/dci/Diseases/HeartAttack/HeartAttack\\_WhatIs.html](http://www.nhlbi.nih.gov/health/dci/Diseases/HeartAttack/HeartAttack_WhatIs.html)

Cardiovascular Disease Prevalence (continued)

**Question:** Has a doctor, nurse, or other health professional ever told you that you had a heart attack, also known as a myocardial infarction?

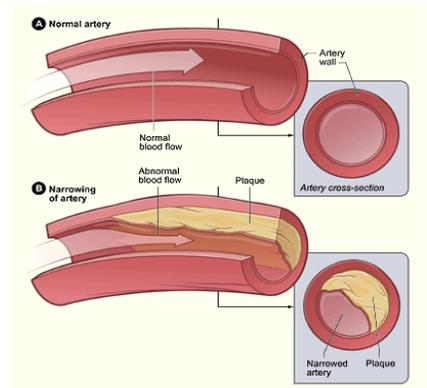
Figure 2: Myocardial infarction (heart attack) (by selected characteristics)



## Cardiovascular Disease Prevalence (continued)

### Angina or coronary heart disease

Angina is chest pain or discomfort that occurs when an area of your heart muscle doesn't get enough oxygen-rich blood. Angina may feel like pressure or squeezing in your chest. Pain also may occur in your shoulders, arms, neck, jaw, or back. It can feel like indigestion. Angina is a symptom of coronary artery disease (CAD), the most common type of heart disease. CAD occurs when a fatty material called plaque builds up on the inner walls of the coronary arteries.<sup>4</sup>



#### **Risk Factor Definition: Ever had angina or coronary heart disease**

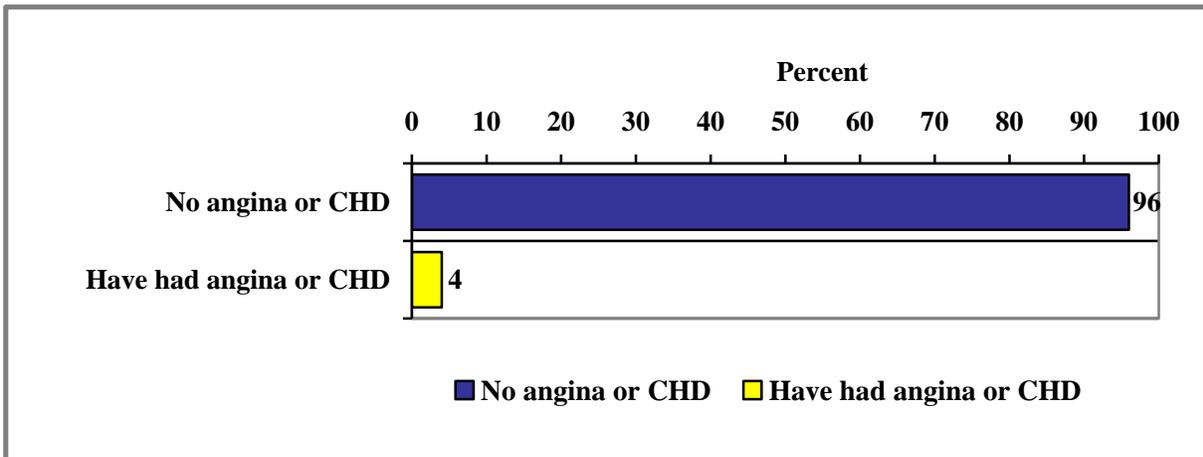
**Question:** Has a doctor, nurse, or other health professional ever told you that you had angina or coronary heart disease?

**At risk:** Those who answered “yes” are considered at risk.

**Table 2:** Angina or coronary heart disease (overall)

Angina or CHD	Frequency (n)
Have had angina or coronary heart disease	62
No angina or coronary heart disease	752

**Figure 3:** Angina or coronary heart disease (overall)

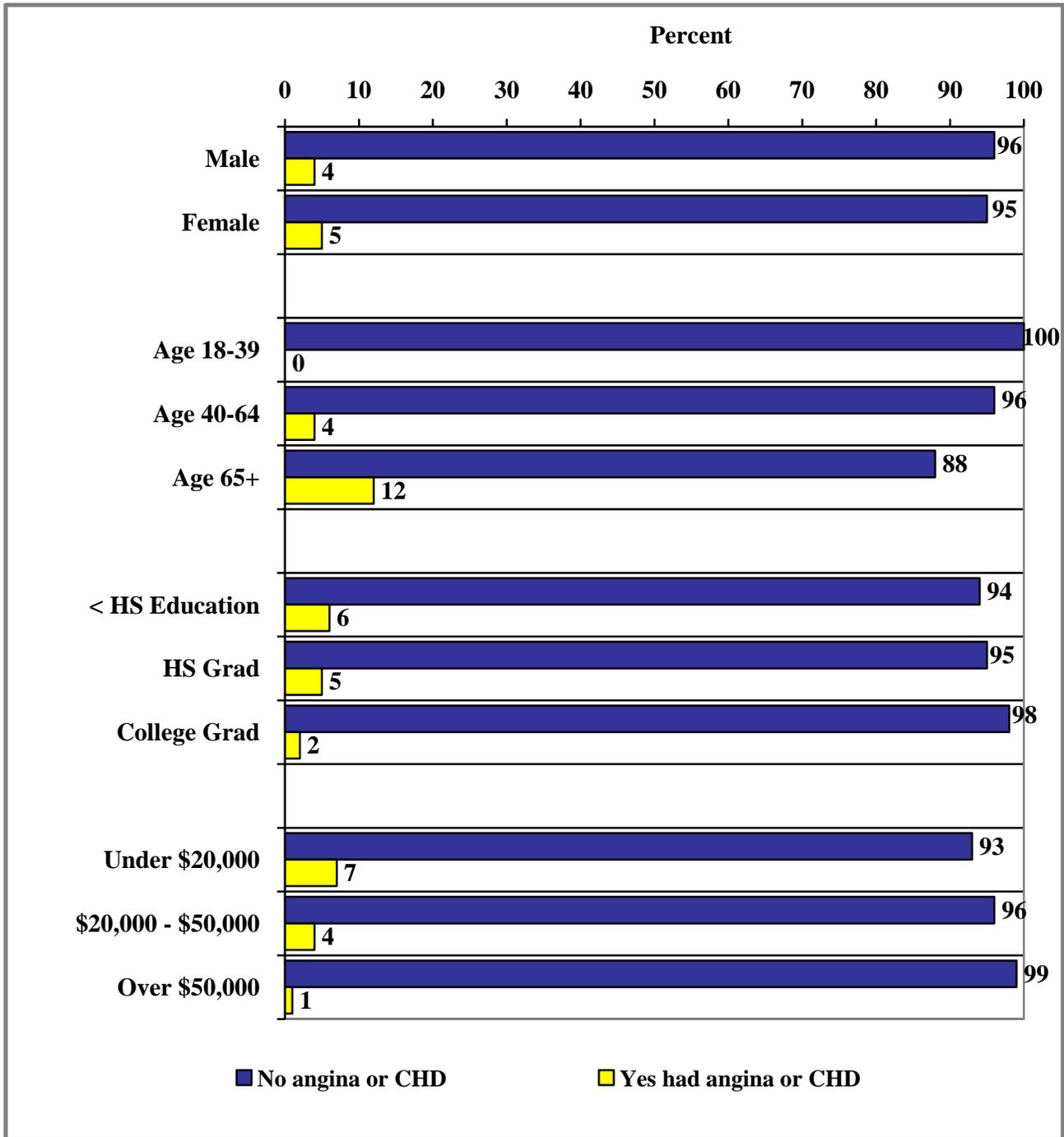


<sup>4</sup> [http://www.nhlbi.nih.gov/health/dci/Diseases/Angina/Angina\\_WhatIs.html](http://www.nhlbi.nih.gov/health/dci/Diseases/Angina/Angina_WhatIs.html)

Cardiovascular Disease Prevalence (continued)

**Question:** Has a doctor, nurse, or other health professional ever told you that you had angina or coronary heart disease?

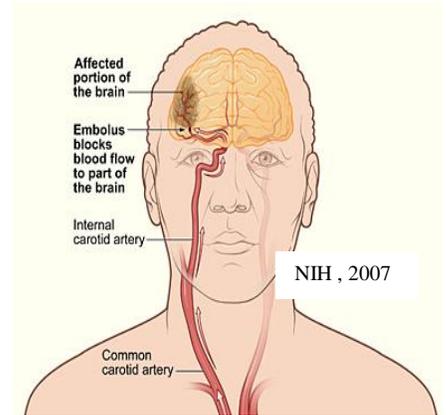
Figure 2: Angina or coronary heart disease (by selected characteristics)



**Cardiovascular Disease Prevalence (continued)**

**Stroke**

A stroke is when blood flow to the brain is interrupted. When a stroke occurs, brain cells in the immediate area begin to die because they stop getting the oxygen and nutrients they need to function. There are two major kinds of stroke. The first, called an ischemic stroke, is caused by a blood clot that blocks or plugs a blood vessel or artery in the brain. About 80 percent of all strokes are ischemic. The second, known as a hemorrhagic stroke, is caused by a blood vessel in the brain that breaks and bleeds into the brain.<sup>5</sup>



**Risk Factor Definition: Ever had a stroke**

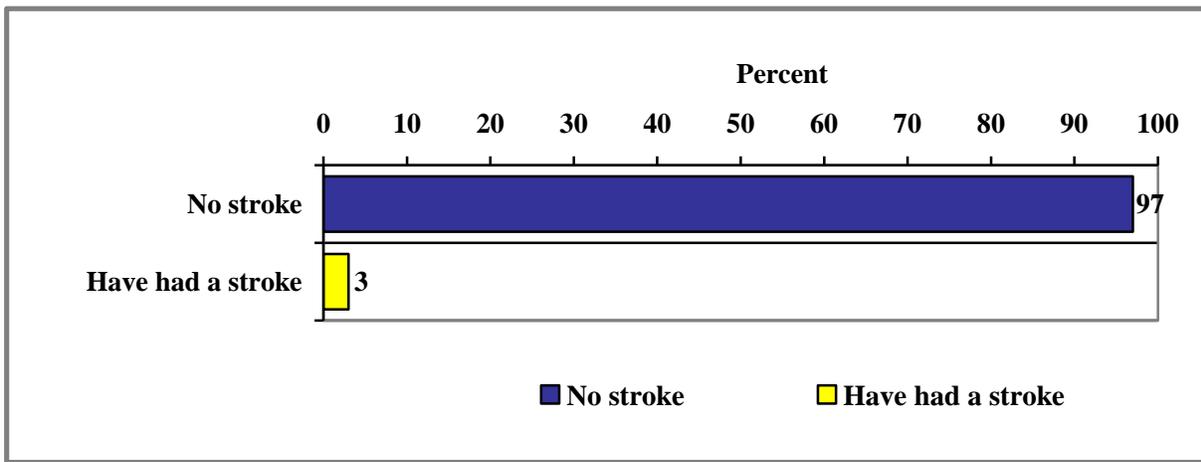
**Question:** Has a doctor, nurse, or other health professional ever told you that you had a stroke?

**At risk:** Those who answered “yes” are considered at risk.

**Table 3:** Stroke (overall)

Stroke	Frequency (n)
Have had a stroke	41
No stroke	788

**Figure 5:** Stroke (overall)

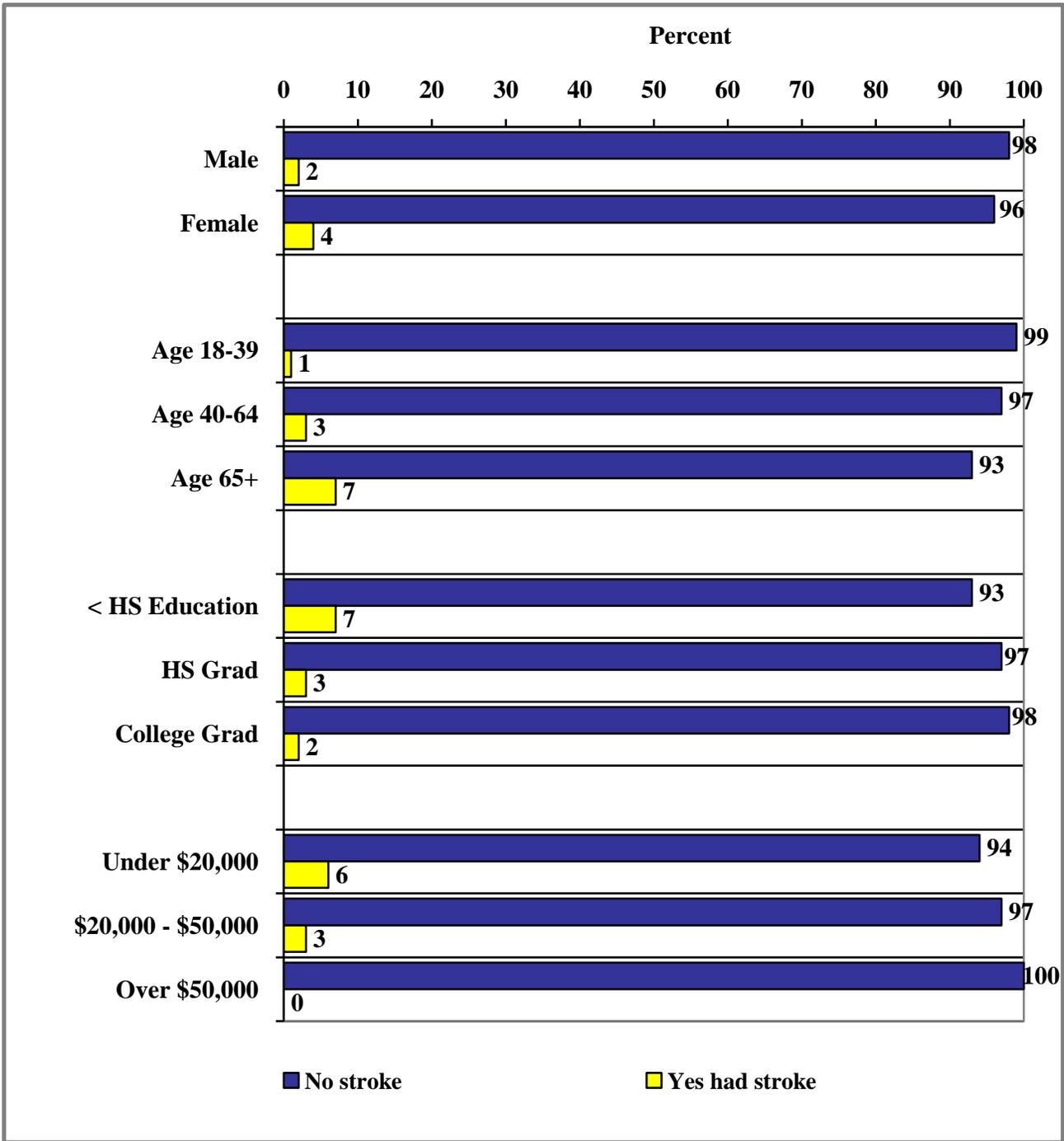


<sup>5</sup> <http://www.ninds.nih.gov/disorders/stroke/knowstroke.htm#whatis>

Cardiovascular Disease Prevalence (continued)

**Question:** Has a doctor, nurse, or other health professional ever told you that you had a stroke?

Figure 6: Stroke (by selected characteristics)



## Asthma

Asthma is a chronic inflammatory disease of the airways that is characterized by wheezing, breathlessness, chest tightness, and coughing. Asthma is a serious and growing health problem. Severe asthma attacks often result in hospitalizations or emergency department visits.



### **Risk Factor Definition: Ever had asthma**

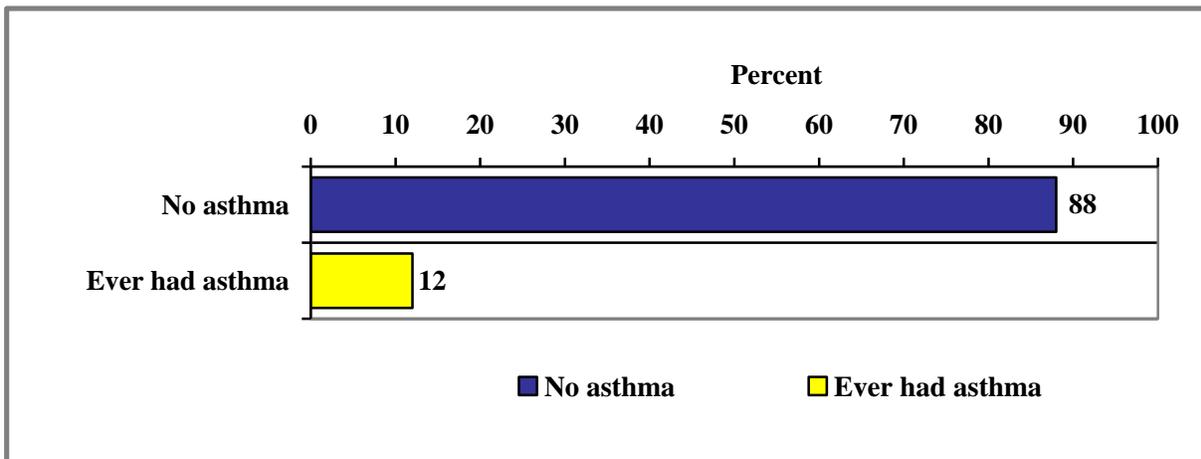
**Question:** Have you ever been told by a doctor, nurse, or other health professional that you had asthma?

**At risk:** Those who said “yes” are considered at risk.

Table 1: Asthma (overall)

Asthma	Frequency (n)
Ever had asthma	106
No asthma	754

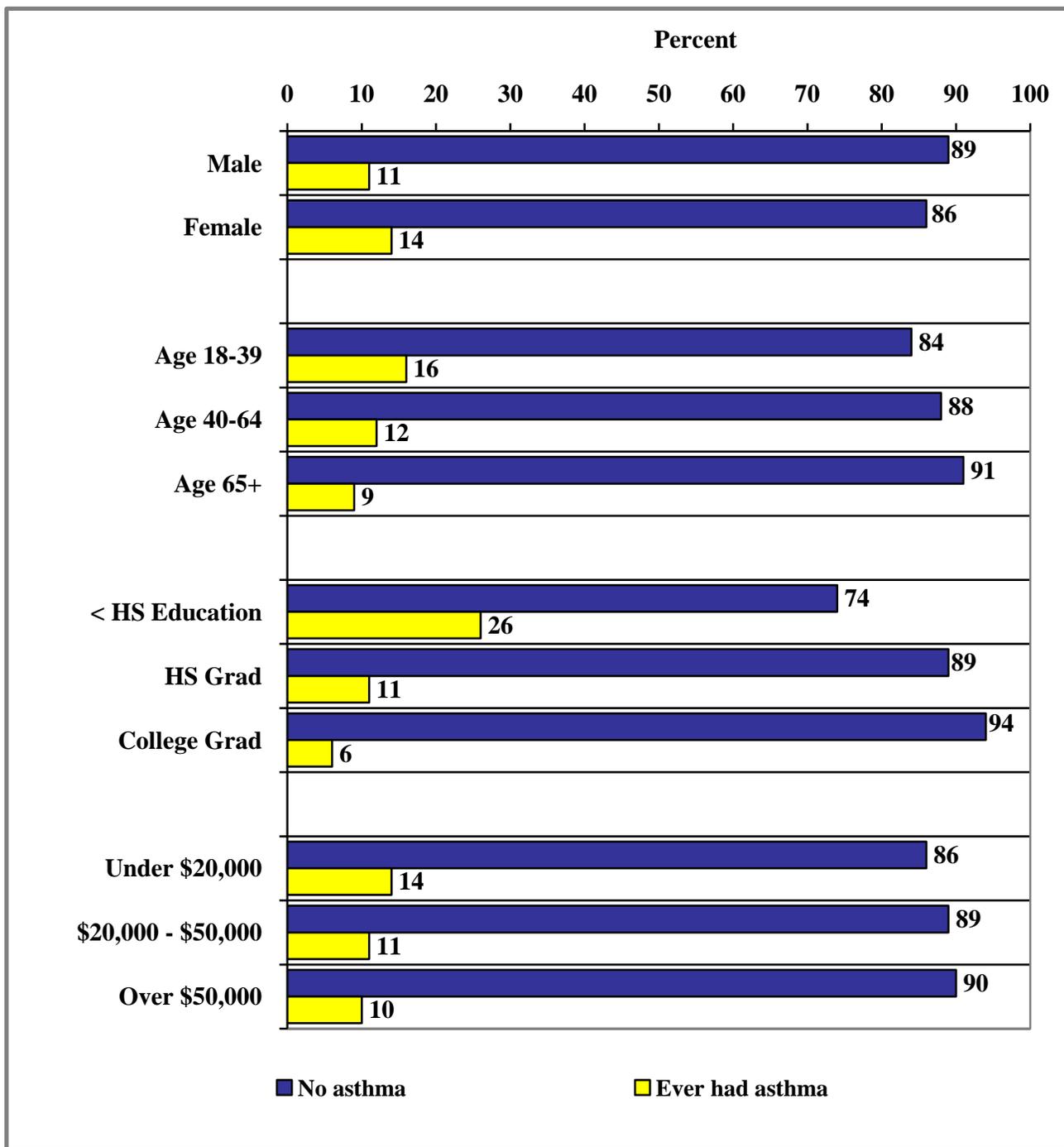
Figure 1: Asthma (overall)



Asthma (continued)

**Question:** Have you ever been told by a doctor, nurse, or other health professional that you had asthma?

Figure 2: Asthma (by selected characteristics)



## Diabetes

Diabetes is a disease in which blood glucose levels are above normal. Diabetes can cause serious health complications including heart disease, blindness, kidney failure, and lower-extremity amputation.

### **Risk Factor Definition: Have diabetes**

**Question:** Have you ever been told by a doctor, nurse, or other health professional that you have diabetes?

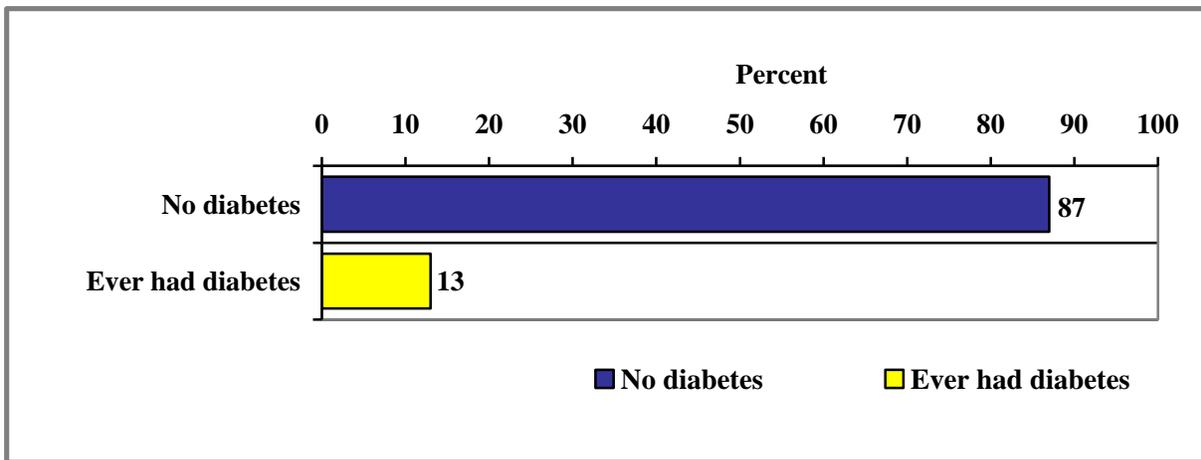
**At risk:** Those who answered “yes” are considered at risk.



Table 1: Diabetes (overall)

Diabetes	Frequency (n)
Ever had diabetes	153
No diabetes	707

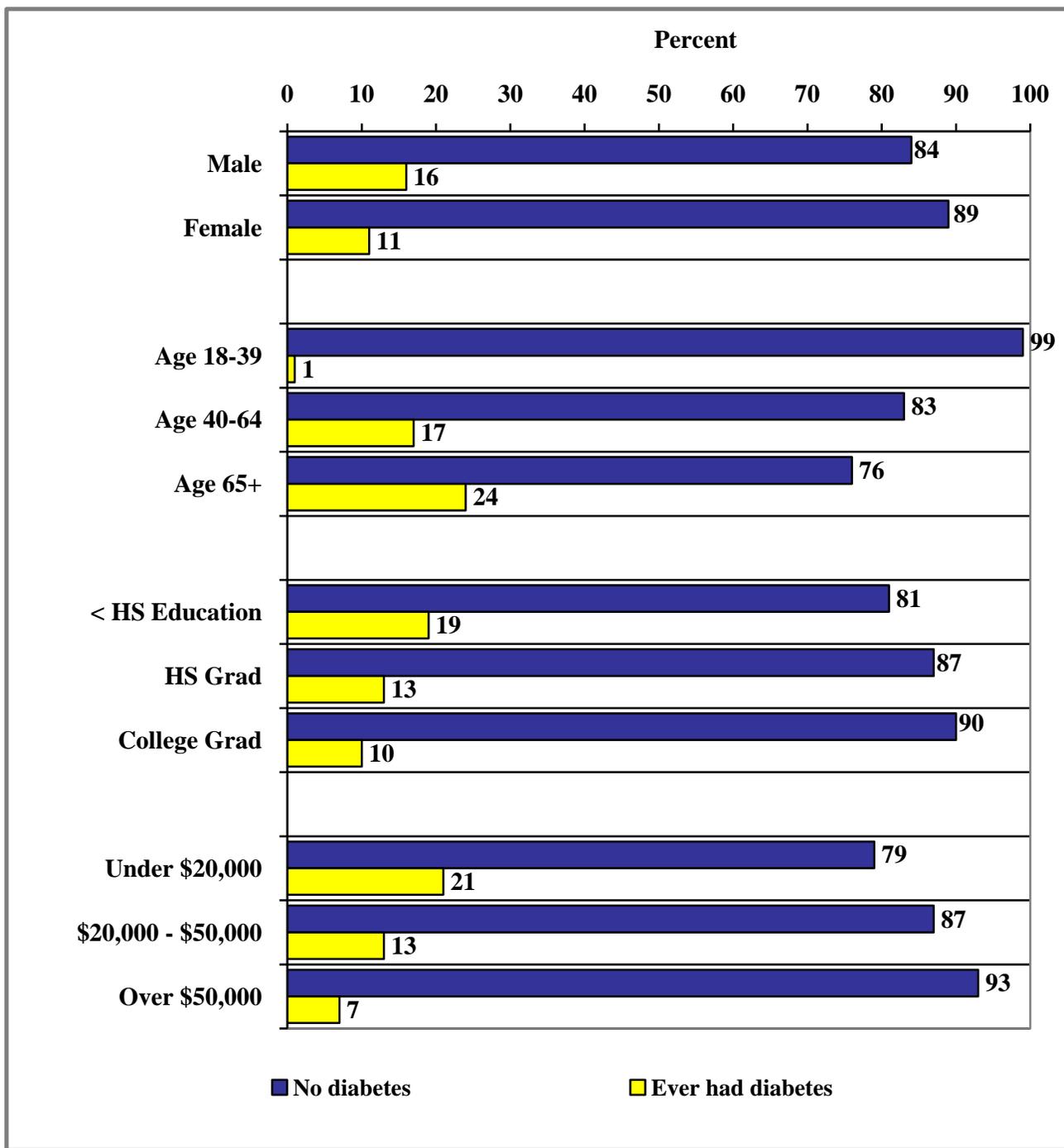
Figure 1: Diabetes (overall)



Diabetes (continued)

**Question:** Have you ever been told by a doctor that you have diabetes?

Figure 2: Diabetes (by selected characteristics)



## Arthritis

Arthritis is the leading cause of disability in the nation. Arthritis limits everyday activities and adversely affects physical and mental health. The term arthritis encompasses over 100 different conditions affecting the joints and muscles.

### Diagnosed with Arthritis

#### **Risk Factor Definition: Ever had arthritis**

**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?

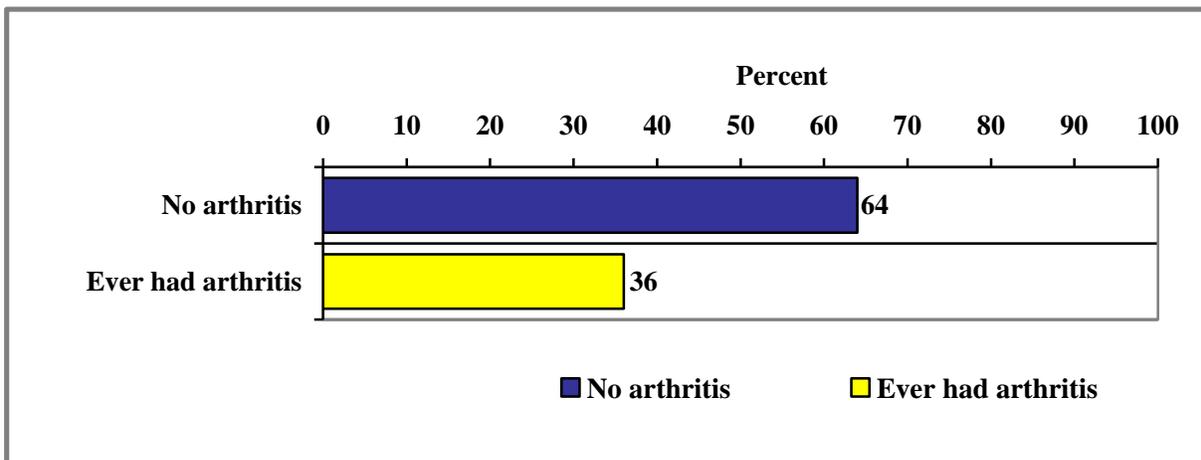
**At risk:** Those who answered “yes” are considered at risk.



Table 1: Arthritis (overall)

Arthritis	Frequency (n)
Ever had arthritis	402
No arthritis	453

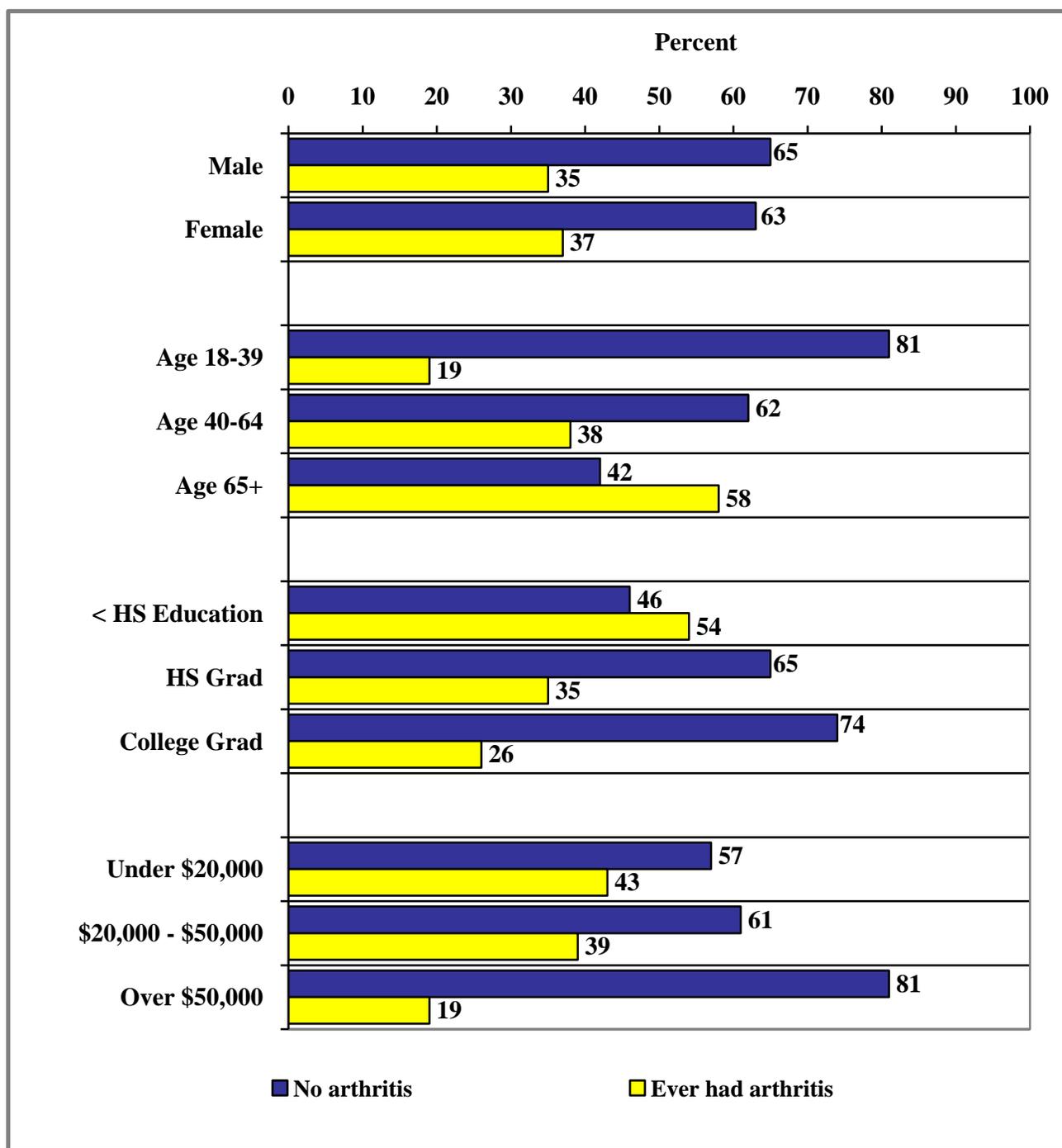
Figure 1: Arthritis (overall)



Arthritis (continued)

**Question:** Have you ever been told by a doctor that you have arthritis?

Figure 2: Arthritis (by selected characteristics)



Arthritis (continued)

Activity Limitations

**Risk Factor Definition: Have activity limitations due to joint symptoms**

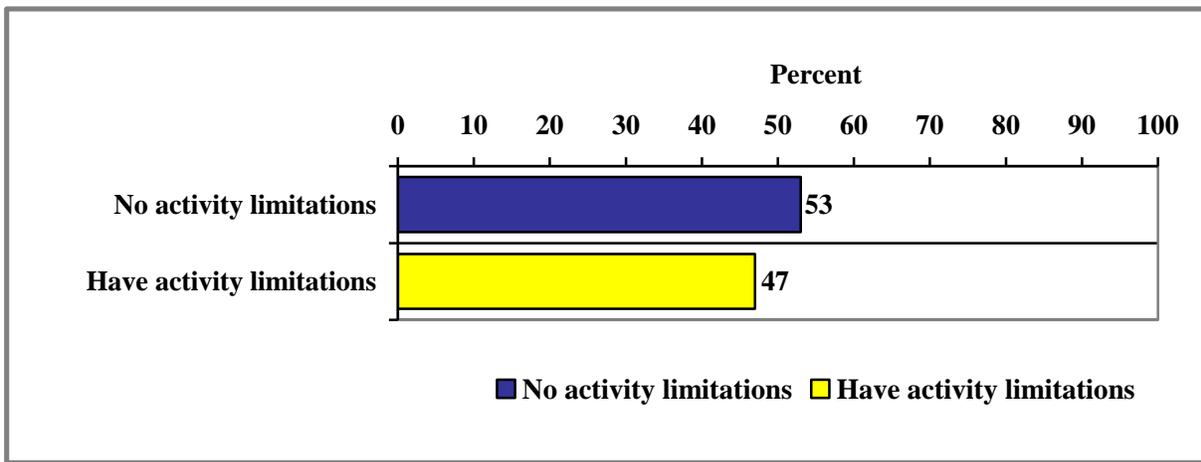
Question: Are you now limited in any of your usual activities because of arthritis or joint symptoms?

At risk: Those who answered “yes” are considered at risk.

Table 2: Activity limitations (overall)

Activity limitations	Frequency (n)
Have activity limitations	196
No activity limitations	203

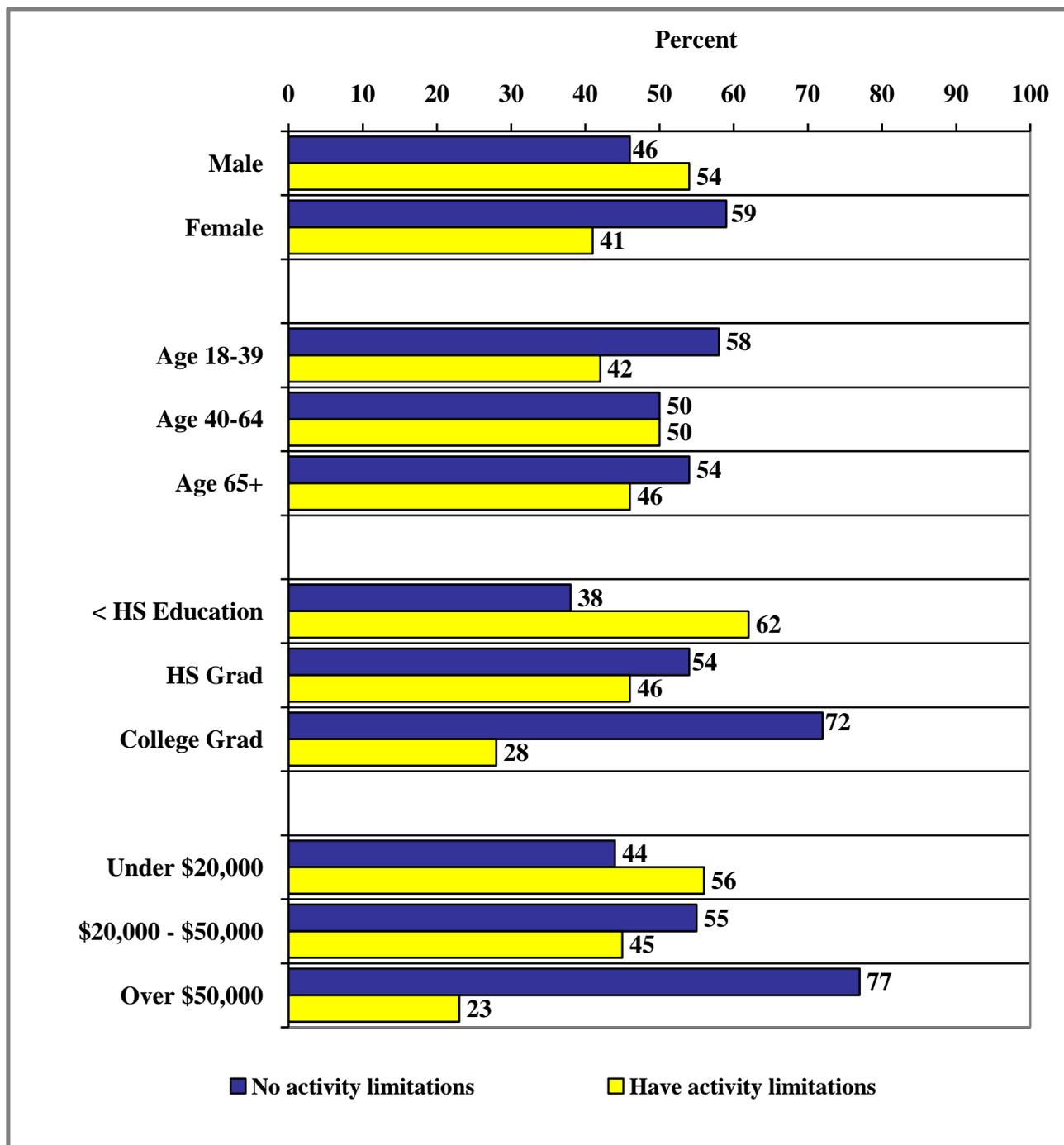
Figure 3: Activity limitations (overall)



Arthritis (continued)

**Question:** Are you now limited in any way in any activities because of joint symptoms?

Figure 4: Activity limitations (by selected characteristics)



## Colorectal Cancer Screening

Colorectal cancer is the second leading cause of all cancer deaths in Arkansas according to the Arkansas Cancer Coalition. Some of the risk factors include age, family, history, physical inactivity, obesity and cigarette smoking.

Sigmoidoscopy and colonoscopy are exams in which a tube is inserted into the rectum to view the bowel for signs of cancer or other health problems.

### **Risk Factor Definition: Over age 50 years and never been screened**

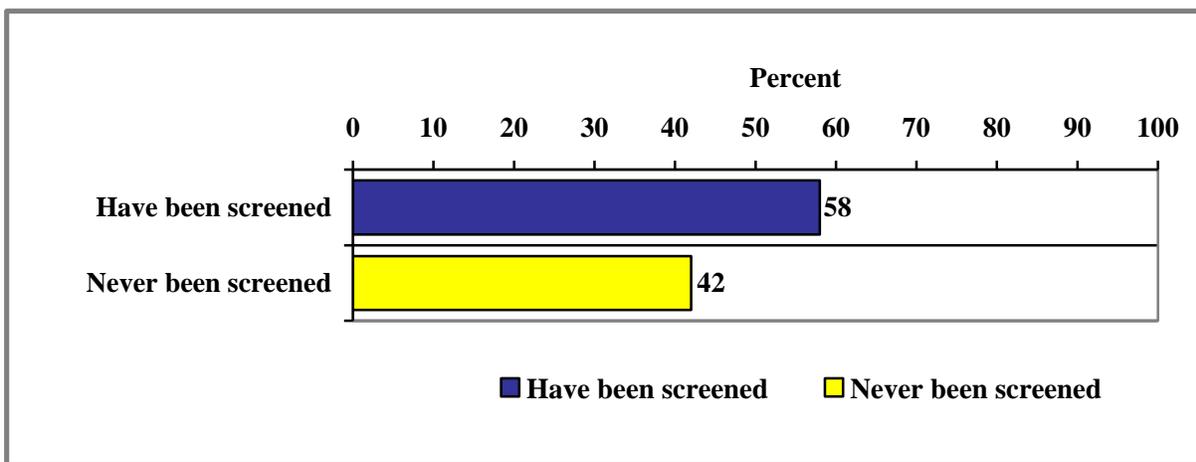
**Question:** Have you ever had these exams?

**At risk:** Those aged 50 years and older who answered “no” are considered at risk.

**Table 1:** Colorectal cancer screening (overall)

Colorectal cancer screening	Frequency (n)
Never been screened	241
Have been screened	385

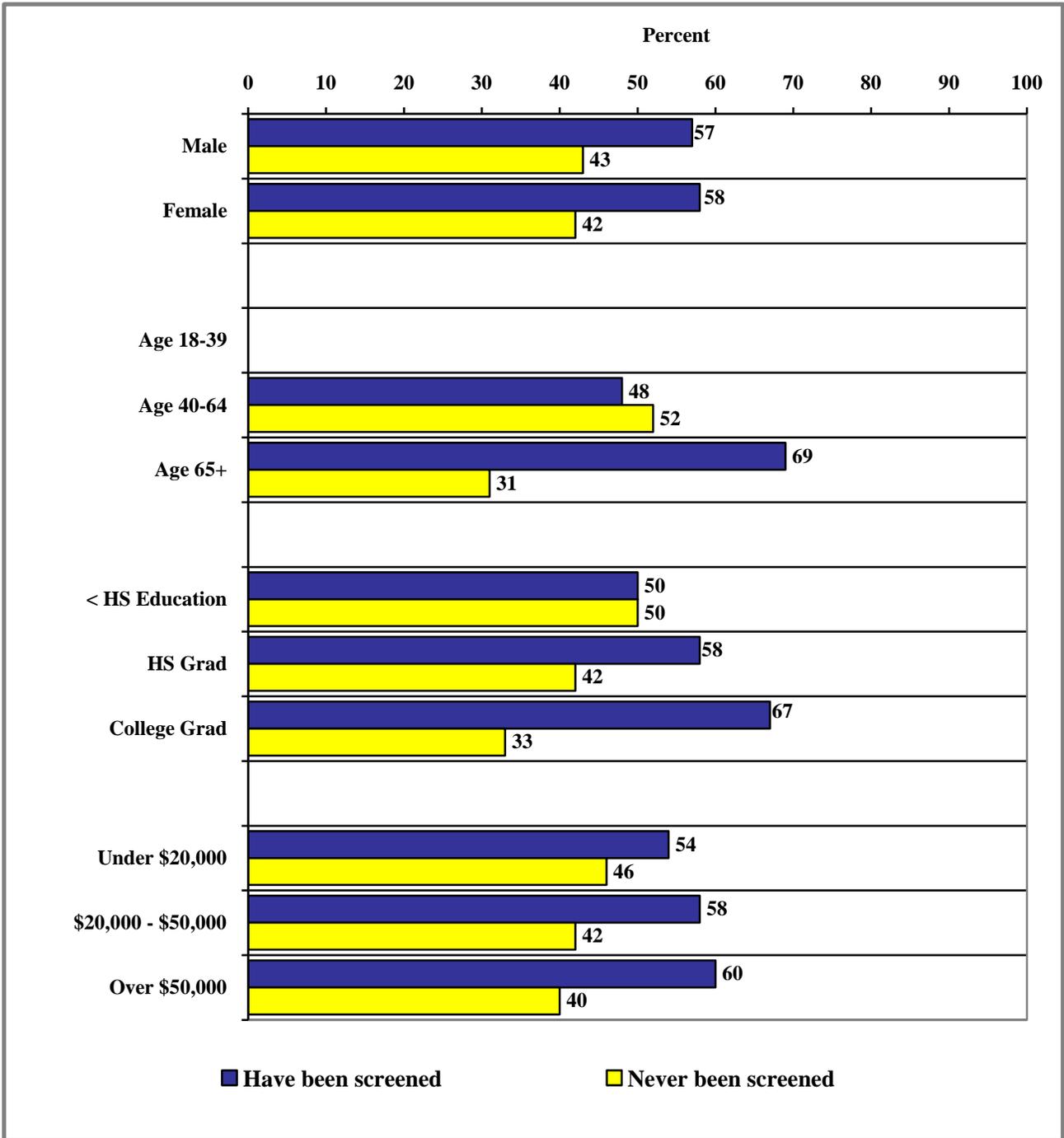
**Figure 1:** Colorectal cancer screening (overall)



**Colorectal Cancer Screening** (continued)

**Question:** Have you ever been screened for colorectal cancer, i.e. had a sigmoidoscopy or colonoscopy?

Figure 2: Colorectal cancer screening (by selected characteristics)



## Prostate Cancer Screening

Prostate cancer is the most common form of cancer for men in Arkansas, aside from skin cancer. Age, race, family history, and diet may be risk factors for prostate cancer. Older men and African-American men are most at risk.

A Prostate-Specific Antigen test, also called a PSA test, is a blood test used to check men for prostate cancer. A digital rectal exam is an exam in which a doctor, nurse, or other health professional places a gloved finger into the rectum to feel the size, shape, and hardness of the prostate gland.

### **Risk Factor Definition: Male, over age 40 years, and not screened within the past year**

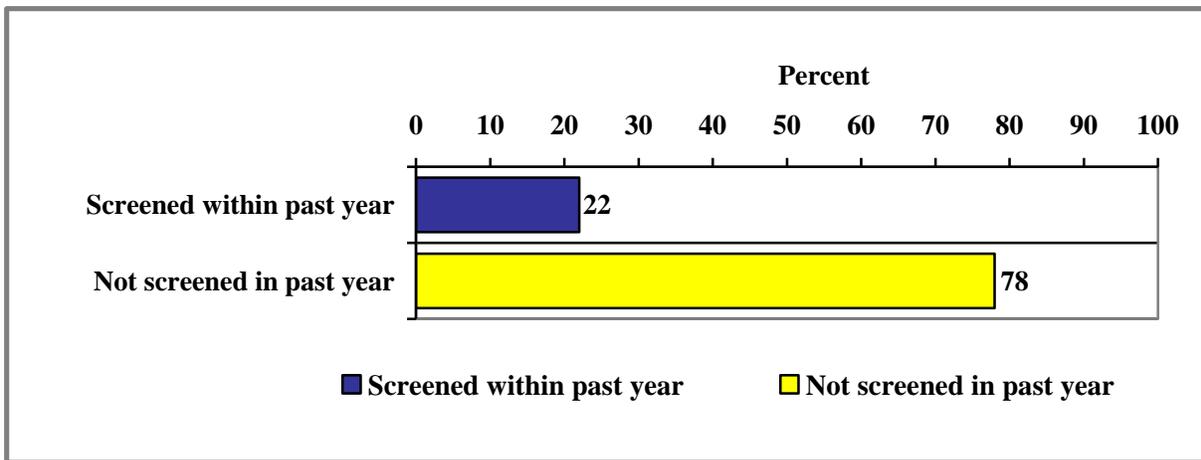
**Question:** Have you ever had these exams?

**At risk:** Those aged 40 years and older who answered “no” are considered at risk.

**Table 1:** Prostate cancer screening (overall)

Prostate cancer screening	Frequency (n)
Never or more than year ago	213
Within past year	79

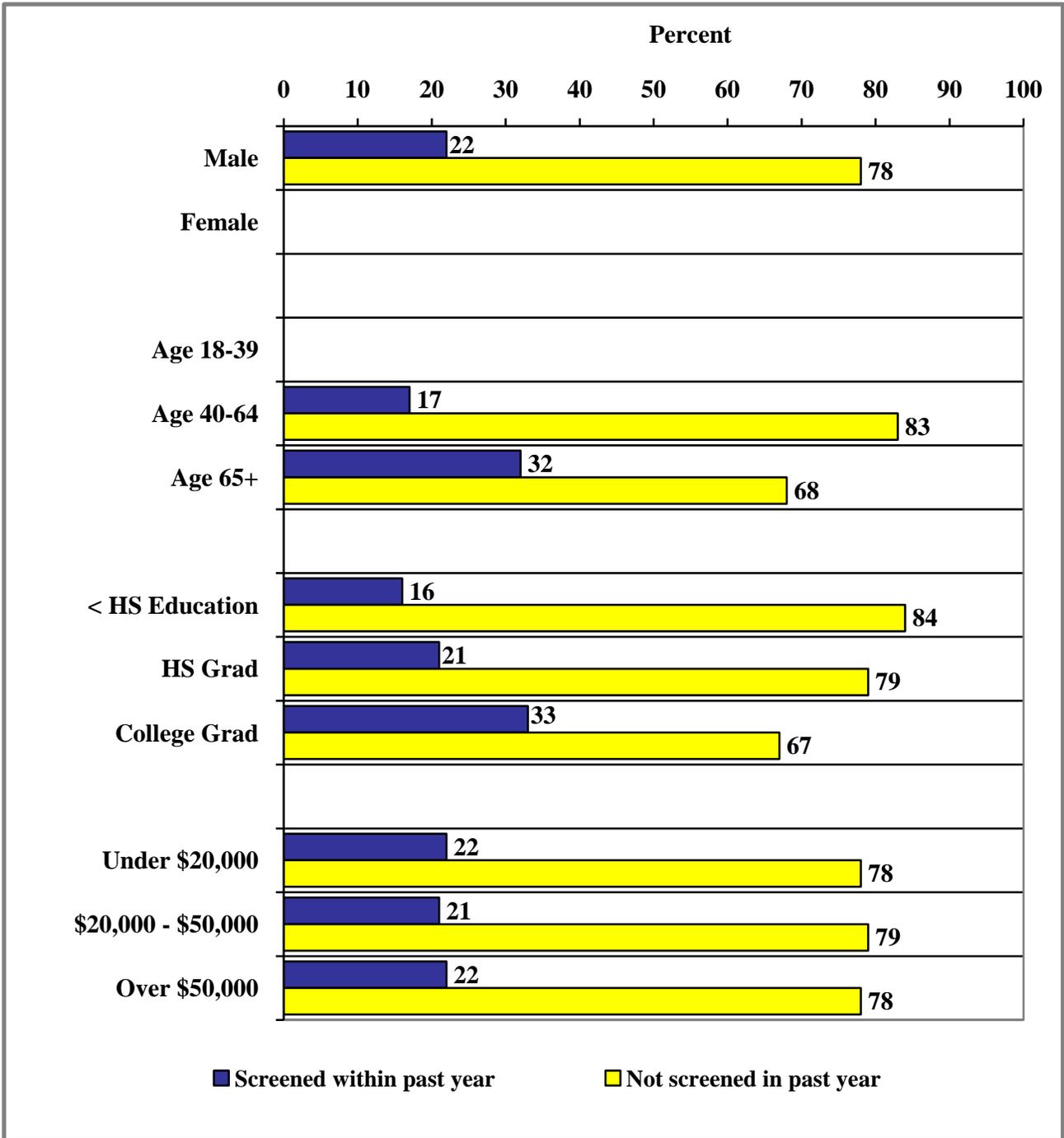
**Figure 1:** Prostate cancer screening (overall)



Prostate Cancer Screening (continued)

**Question:** Have you ever been screened for prostate cancer?

Figure 2: Prostate cancer screening (by selected characteristics)



## Immunization – Influenza Shot

Immunization against influenza can prevent serious illness and death. Getting the flu shot not only helps you but it lessens the chance that you will spread the illness to someone else.

### **Risk Factor Definition: No influenza shot within past 12 months**

Question: During the past 12 months, have you had a flu shot?

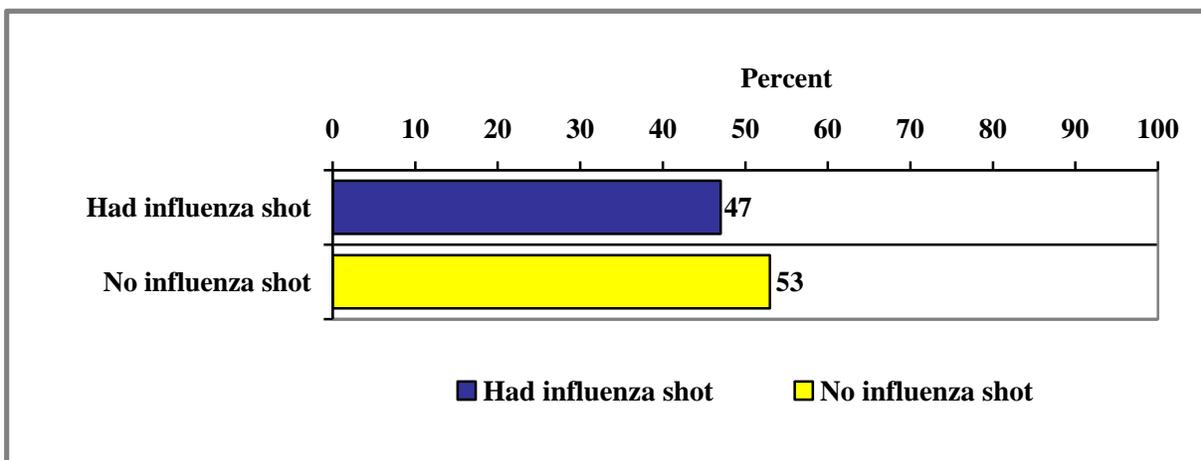
At risk: Those who answered “No” are considered at risk.



Table 1: Influenza shot (overall)

Influenza shot	Frequency (n)
No influenza vaccine	348
Had influenza vaccine	509

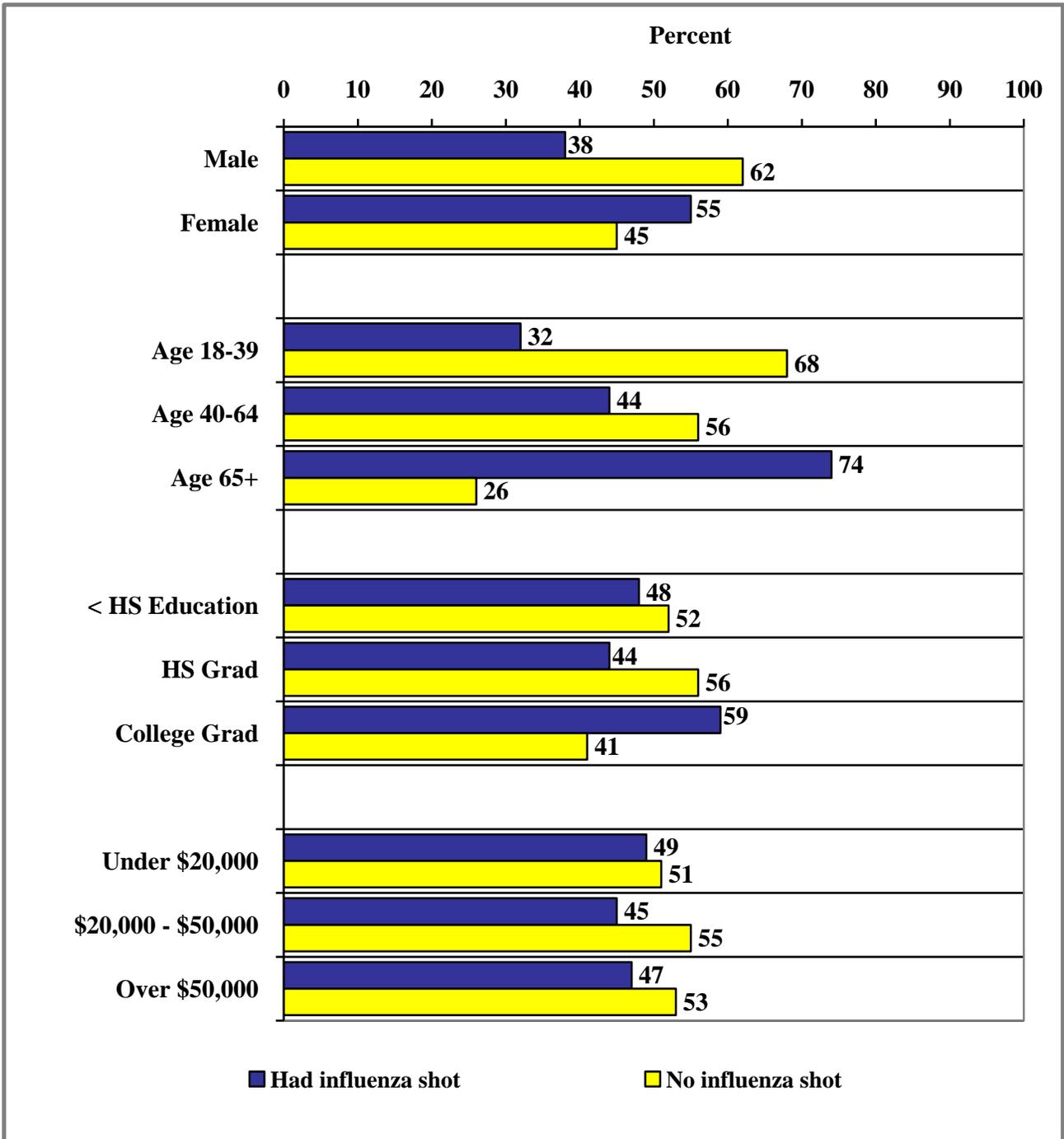
Figure 1: Influenza shot (overall)



Immunization – Influenza Shot (continued)

**Question:** During the past 12 months, have you had a flu shot?

Figure 2: Influenza shot (by selected characteristics)



## Oral Health

### Permanent Teeth Extraction

#### Risk Factor Definition: Permanent teeth extraction

Question: How many of your permanent teeth have been removed because of tooth decay or gum disease?

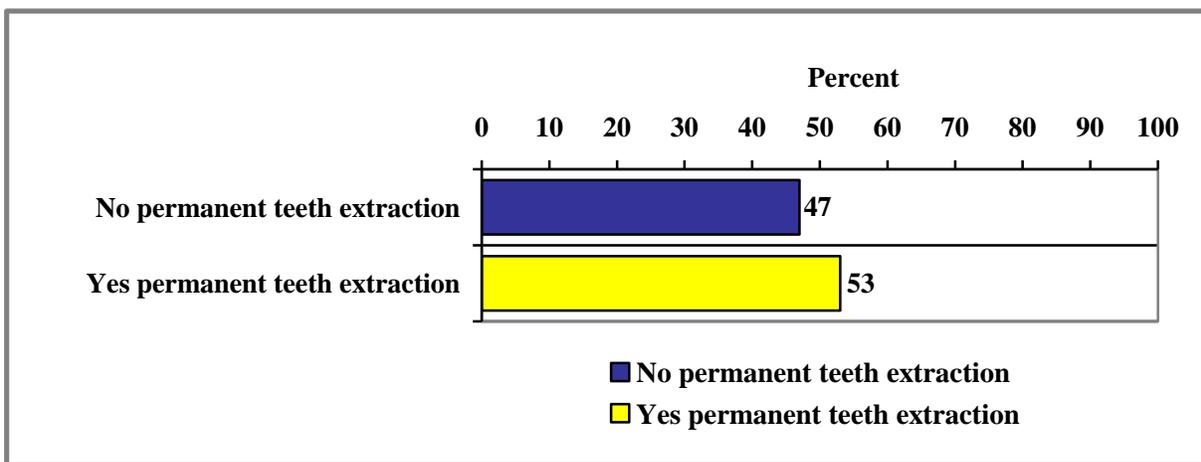
At risk: Those who answered “1 or more” are considered at risk.



Table 1: Permanent teeth extraction (overall)

Permanent teeth extraction	Frequency (n)
Permanent teeth extraction	567
No permanent teeth extraction	253

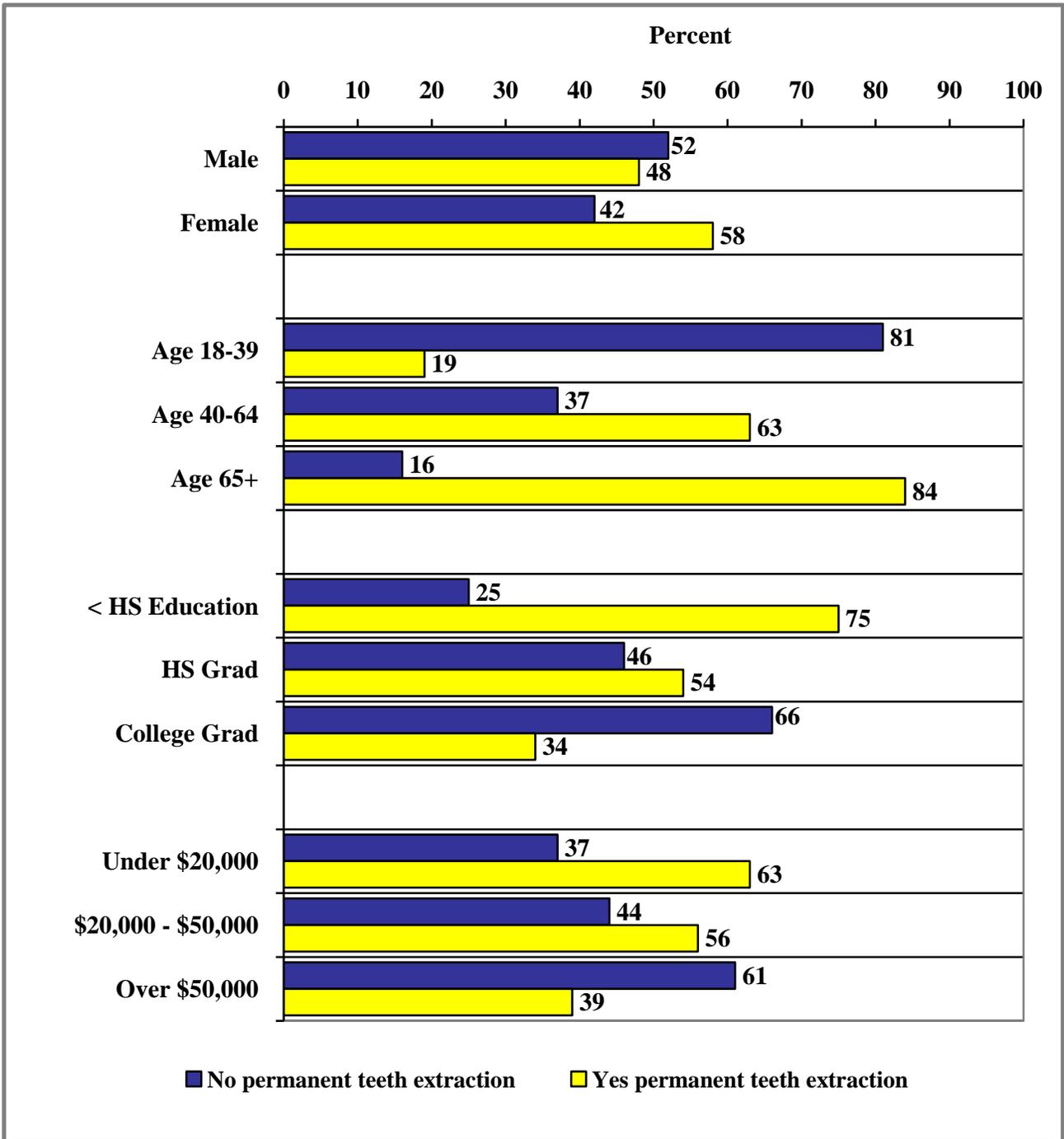
Figure 1: Permanent teeth extraction (overall)



Oral Health (continued)

**Question:** How many of your permanent teeth have been removed because of tooth decay or gum disease?

Figure 2: Permanent teeth extraction (by selected characteristics)



## Oral Health (continued)

### Last dental visit

#### **Risk Factor Definition: Last dental visit one year or more ago**

Question: How long has it been since you last visited a dentist or dental clinic for any reason?

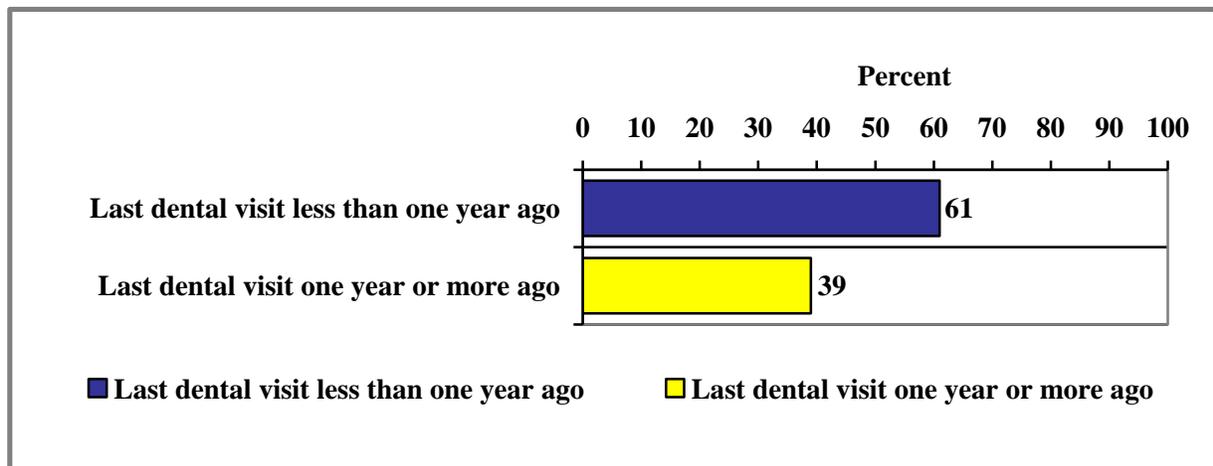
At risk: Those who answered “1 year or more” are considered at risk.



Table 2: Last dental visit (overall)

Dental visit	Frequency (n)
Last dental visit one year or more ago	356
Last dental visit less than one year ago	474

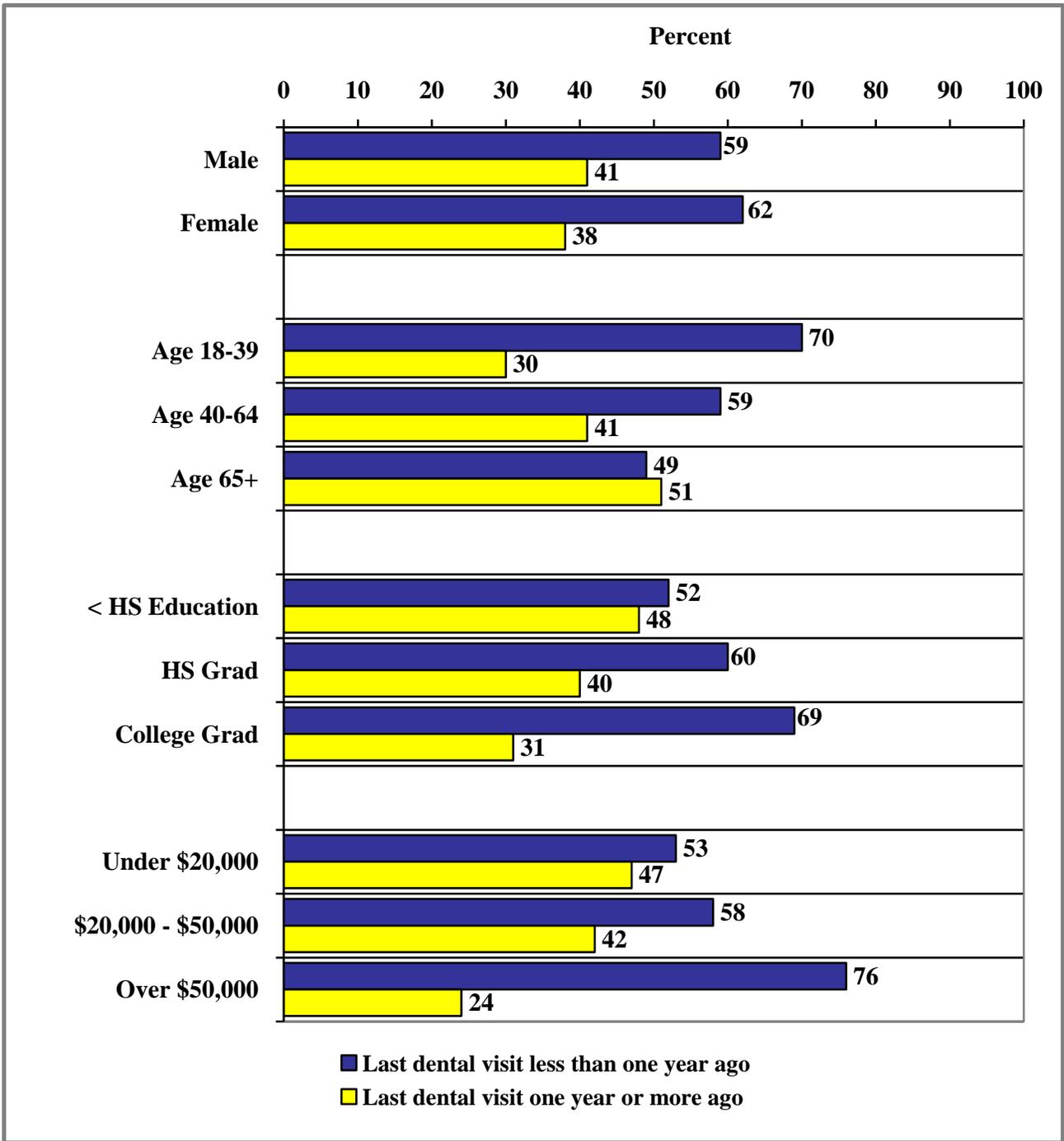
Figure 3: Last dental visit (overall)



Oral Health (continued)

**Question:** How long has it been since you last visited a dentist or dental clinic for any reason?

Figure 4: Last dental visit (by selected characteristics)



## Physical Activity

Regular physical activity is important for people of all ages. It is important for maintaining a healthy body, enhancing quality of life, and preventing death.

### **Risk Factor Definition: Do not participate in regular physical activity**

**Questions:** During the past 30 days, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?

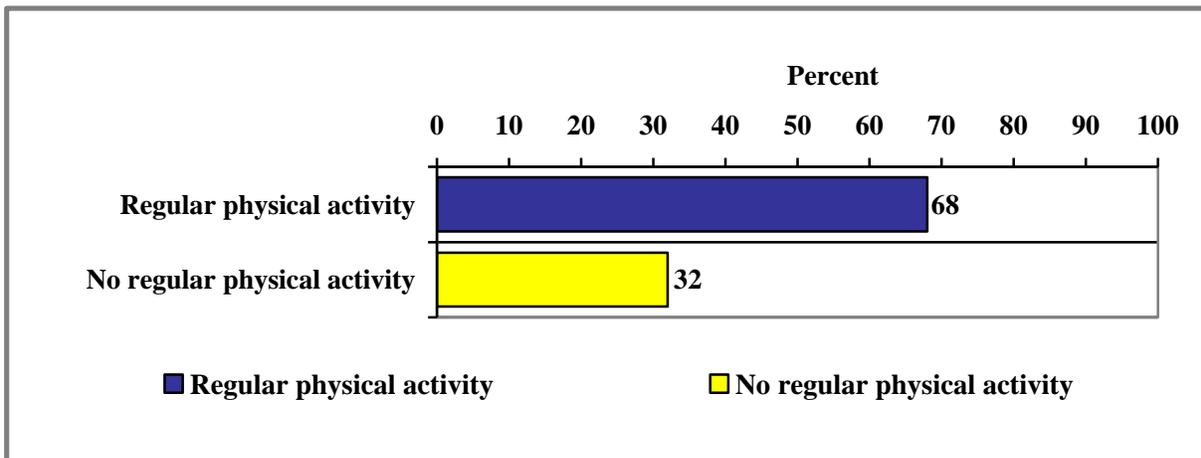
**At risk:** Those who do not participate in physical activity on a regular basis are at risk.



**Table 1:** Regular physical activity (overall)

Regular physical activity	Frequency (n)
No regular physical activity	346
Regular physical activity	514

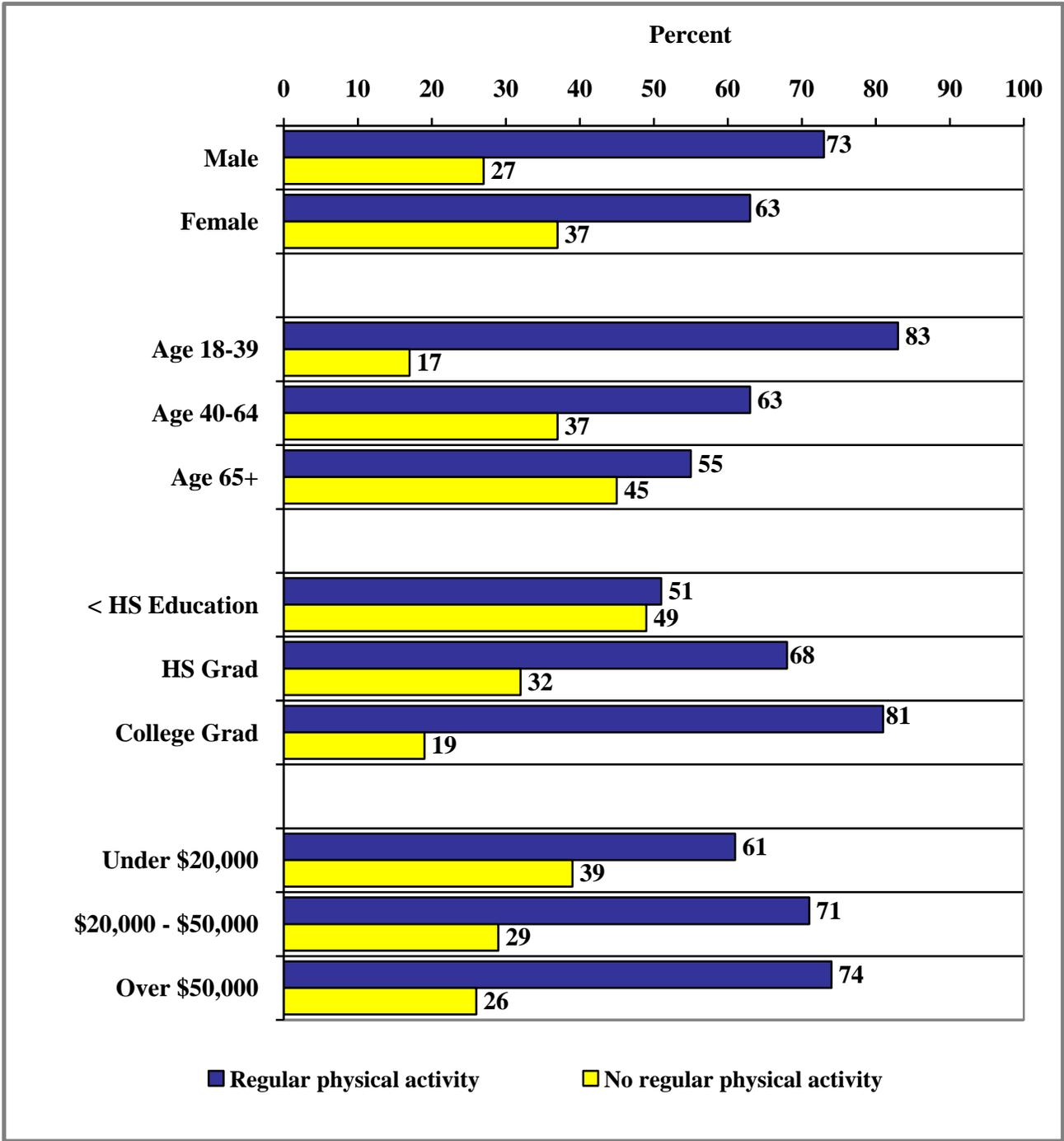
**Figure 1:** Regular physical activity (overall)



Physical Activity (continued)

**Question:** During the past 30 days, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?

Figure 2: Physical activity (by selected characteristics)



## Overweight

Overweight and obesity have risen considerably over the past several years and are major contributors to preventable causes of death. They raise the risk of social stigmatization, discrimination, and low-self esteem along with raising the risk of certain illnesses. Some of these illnesses include high blood pressure, high cholesterol, diabetes, heart disease, stroke, gall bladder disease, arthritis, sleep disturbance, breathing problems, and certain types of cancer.

### **Risk Factor Definition: Overweight as measured by Body Mass Index (BMI)**

**Questions:** 1. How much do you weigh without shoes? 2. How tall are you without shoes?

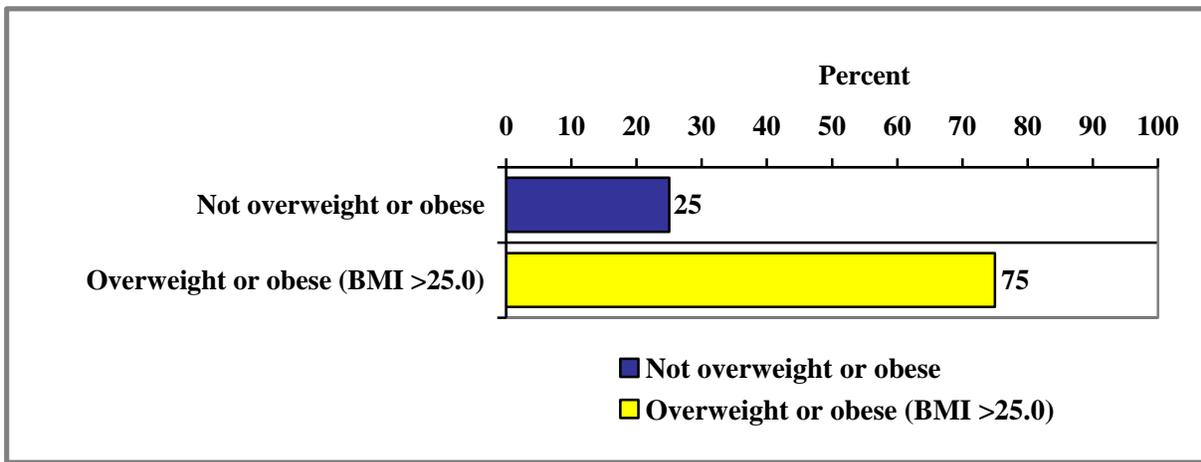
**At risk:** Those with a Body Mass Index (BMI) of greater than 25.0 are overweight. BMI is a ratio of weight to height.



Table 1: Bodyweight (overall)

Overweight or obese	Frequency (n)
Overweight or obese BMI > 25	592
Not overweight or obese BMI < 25	255

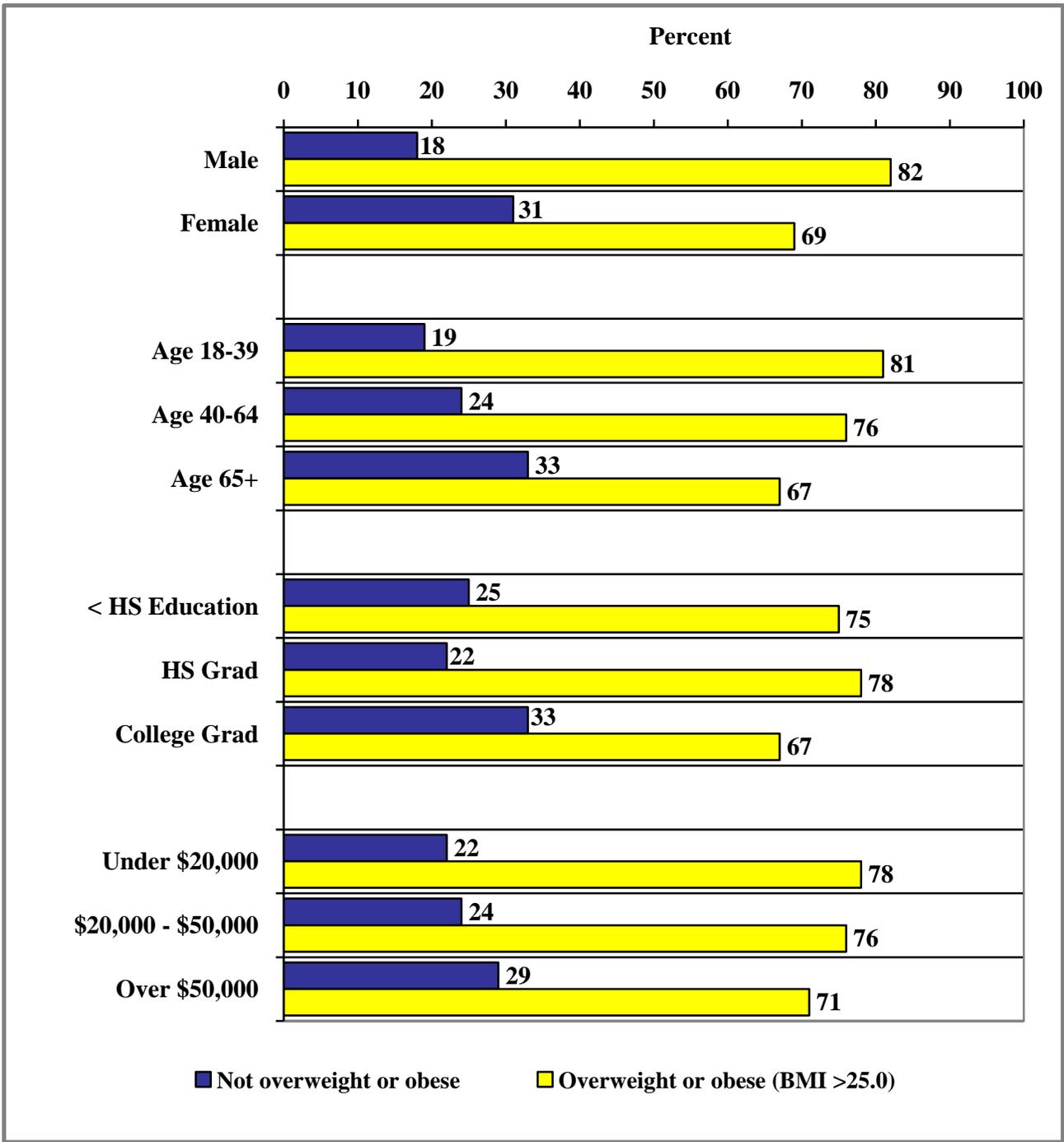
Figure 2: Bodyweight (overall)



**Overweight** (continued)

**Questions:** 1. How much do you weigh without shoes? 2. How tall are you without shoes?

Figure 2: Bodyweight (by selected characteristics)



## Fruits and Vegetables

### **Risk Factor Definition: Fewer than 5 fruits and vegetables per day**

Question: How often do you eat fruits, green salad or other vegetables or drink fruit juice per day?

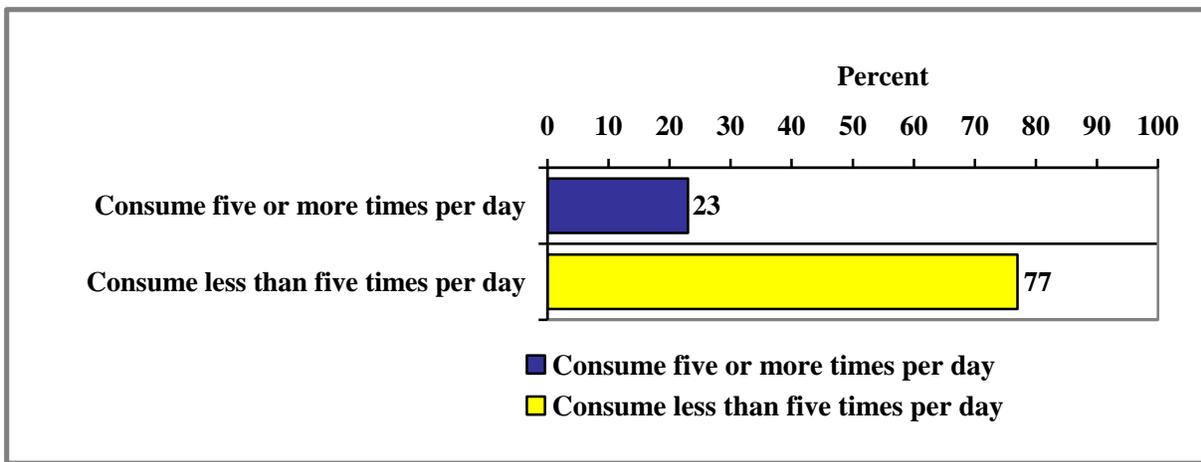
At risk: Those who answered “less than 5 times per day” are considered at risk.



Table 1: Consumption of fruits and vegetables (overall)

Fruits and vegetables	Frequency (n)
Consume less than 5 times per day	622
Consume 5 or more times per day	208

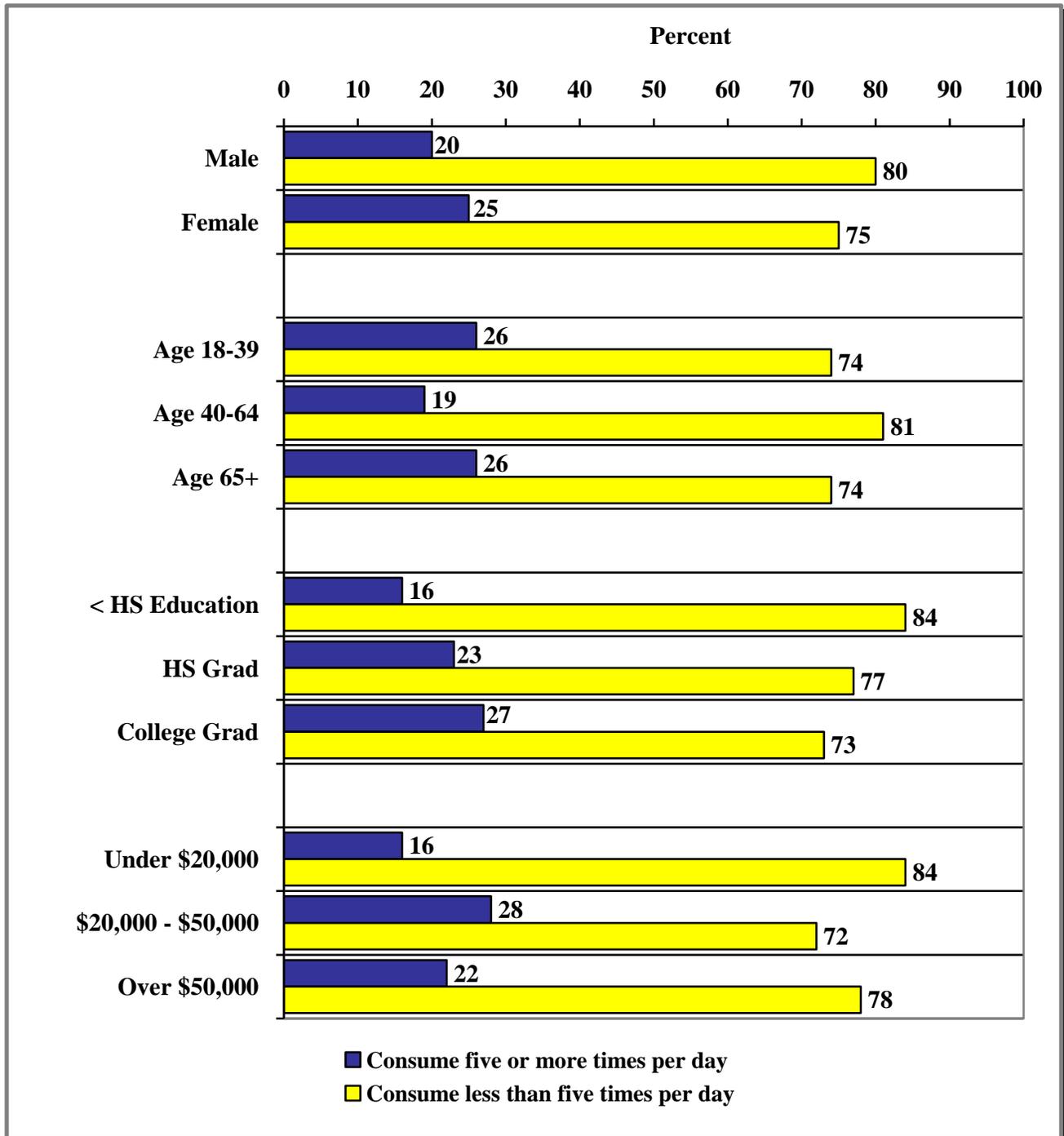
Figure 1: Consumption of fruits and vegetables (overall)



**Fruits and Vegetables (continued)**

**Question:** How often do you eat fruits, green salad or other vegetables or drink fruit juice per day?

**Figure 2:** Consumption of fruits and vegetables (by selected characteristics)



## Disability

Survey respondents were asked about health problems or impairments they had. These include impairments that are either present at birth or acquired from illness or injury. People with disabilities face special challenges related to health, productivity, independence, and quality of life.

### Limitations due to physical, mental or emotional problems

#### **Risk Factor Definition: Limitations due to physical, mental, or emotional problems**

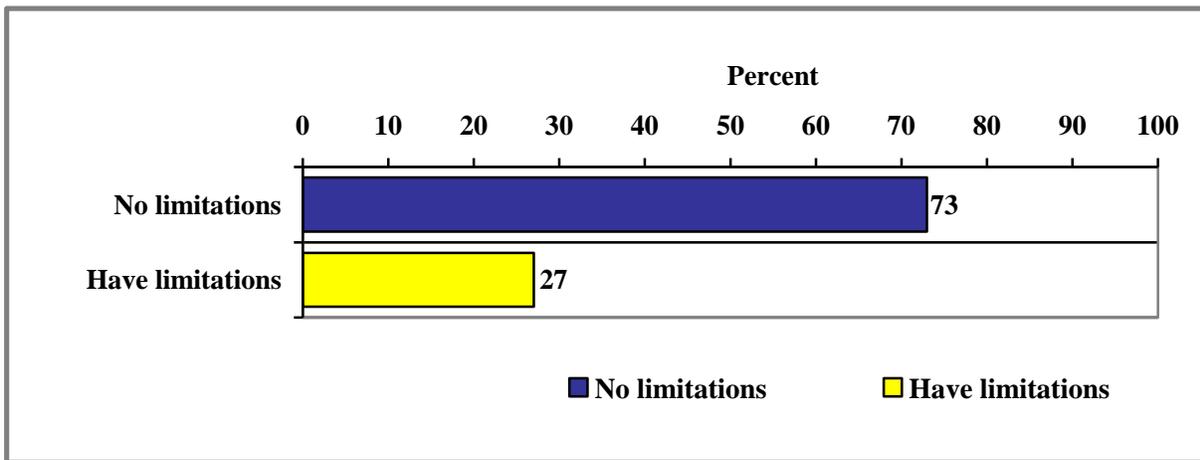
**Question:** Are you limited in any way in any activities because of physical, mental, or emotional problems?

**At risk:** Those who answered “yes” are considered at risk.

**Table 1:** Limitations due to physical, mental or emotional problems (overall)

Limitations due to physical, mental or emotional problems	Frequency (n)
Limitations	266
No limitations	574

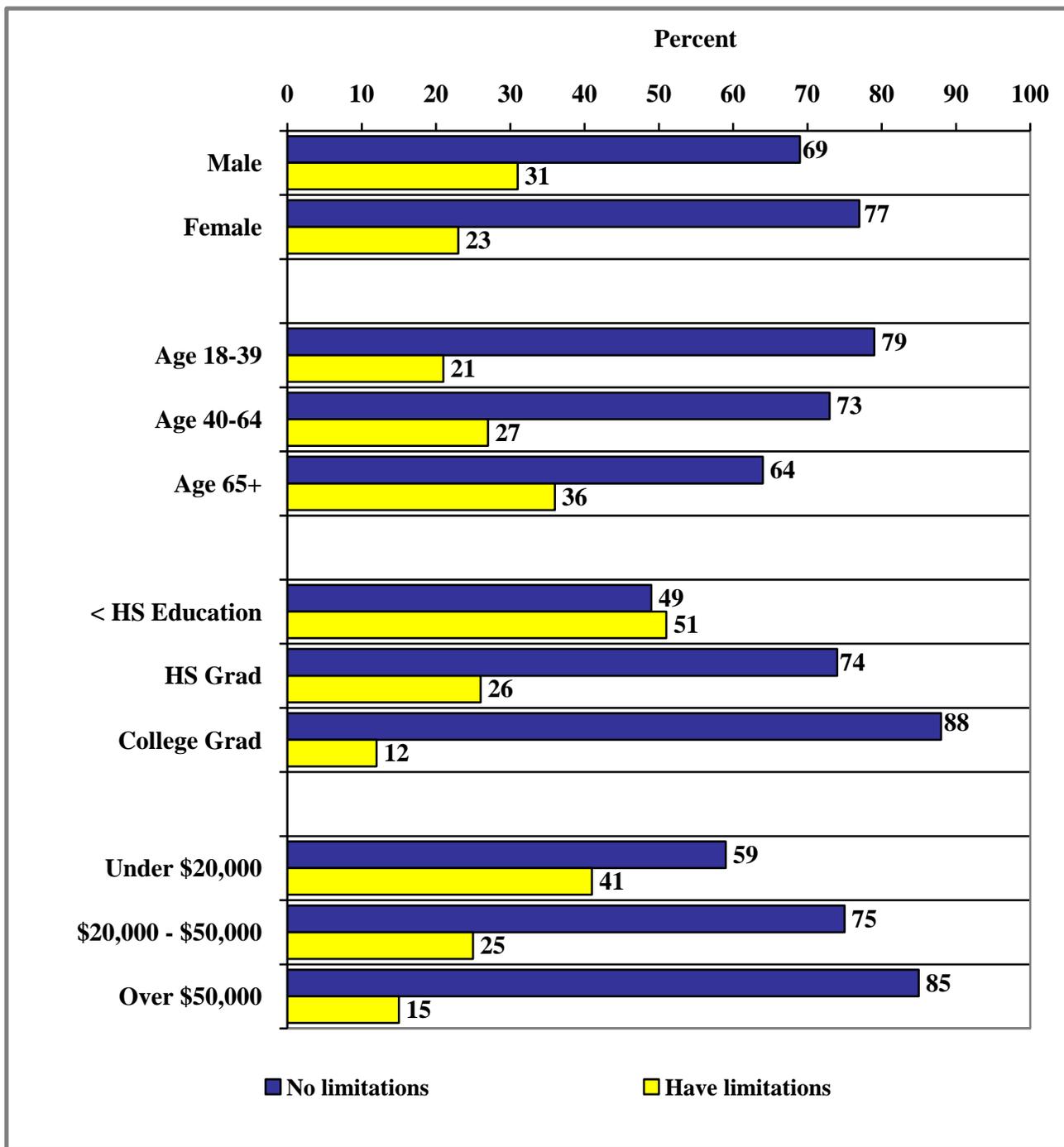
**Figure 1:** Limitations due to physical, mental or emotional problems (overall)



Disability (continued)

**Question:** Are you limited in any way in any activities because of physical, mental, or emotional problems?

Figure 2: Limitations due to physical, mental or emotional problems (by selected characteristics)



## Disability (continued)

### Use of special equipment

#### **Risk Factor Definition: Use of special equipment**

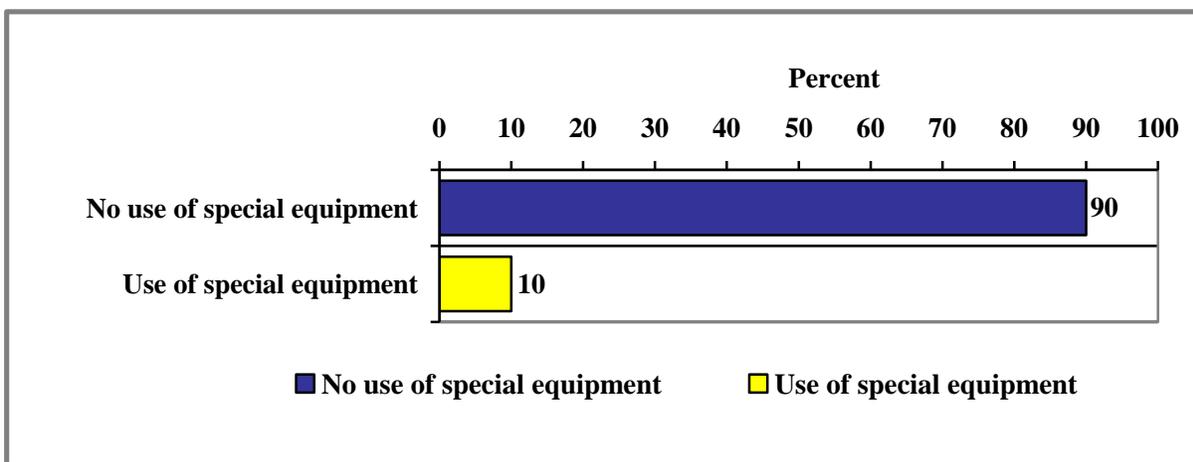
Question: Do you have any health problem that requires you to use special equipment, such as a cane, wheelchair, or special telephone?

At risk: Those who answered “yes” are considered at risk.

Table 2: Use of special equipment (overall)

Use of special equipment	Frequency (n)
Use of special equipment	129
No use of special equipment	714

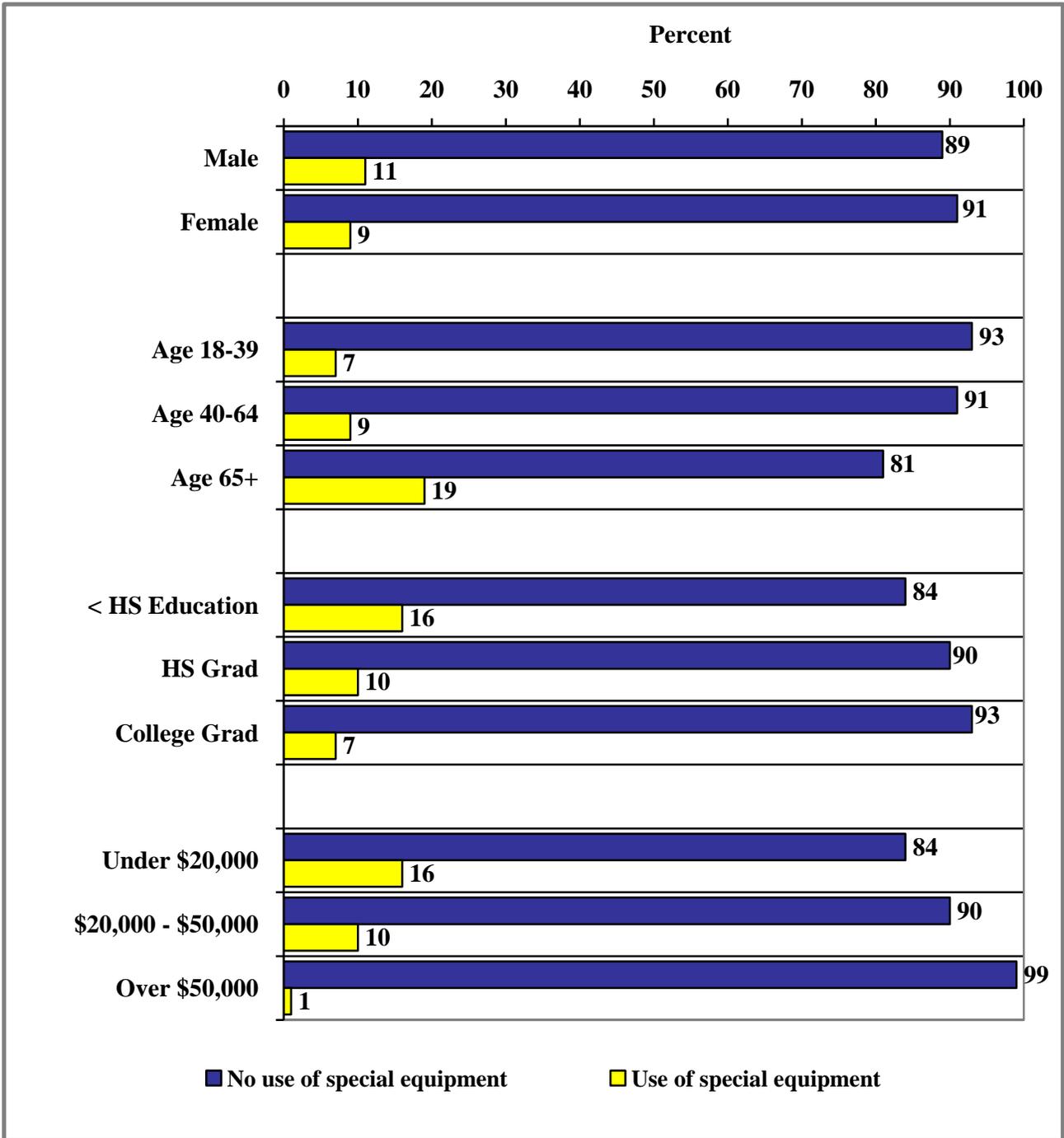
Figure 3: Use of special equipment (overall)



Disability (continued)

**Question: Do you have any health problem that requires you to use special equipment?**

Figure 4: Use of special equipment (by selected characteristics)



**Disability (continued)**

**Social and emotional support**

**Risk Factor Definition: “Rarely or “never” get needed social and emotional support**

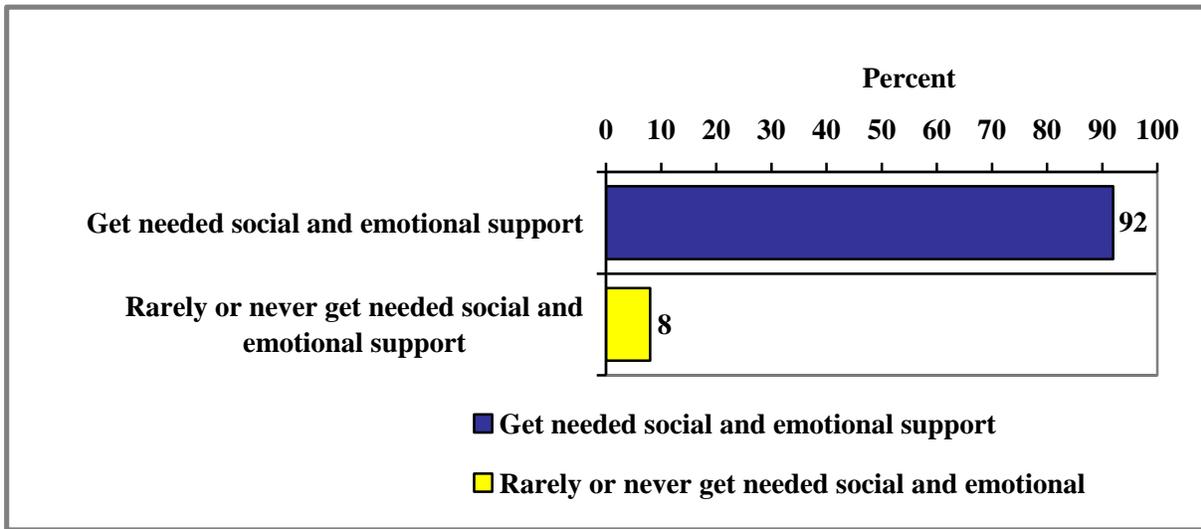
Question: How often do you get the social and emotional support that you need?

At risk: Those who answered “rarely or “never” are considered at risk.

Table 3: Social and emotional support (overall)

Social and emotional support	Frequency (n)
Rarely or never get needed social/emotional support	84
Get needed social/emotional support	742

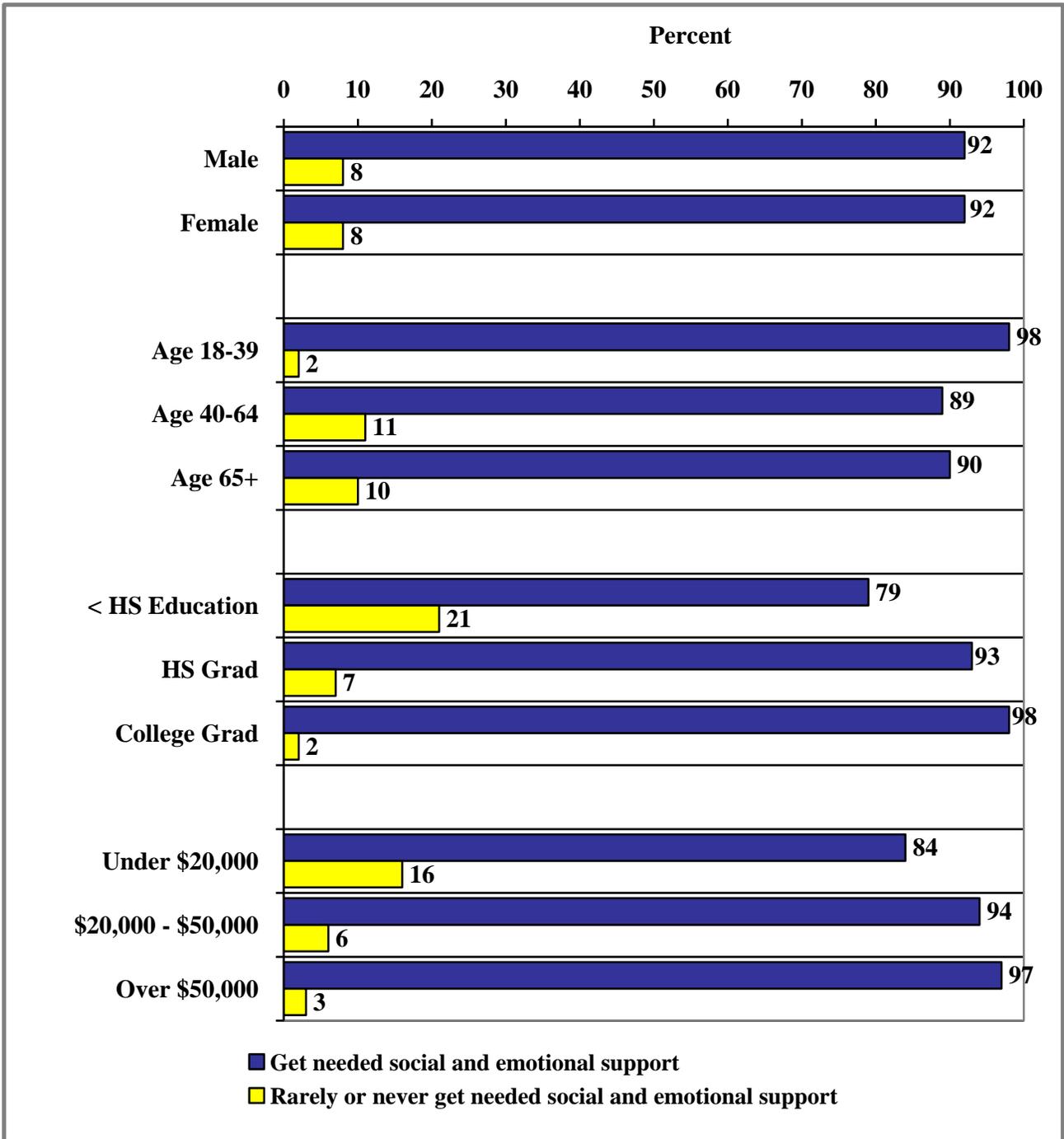
Figure 5: Social and emotional support (overall)



Disability (continued)

**Question:** How often do you get the social and emotional support you need?

Figure 6: Social and emotional support (by selected characteristics)



**Disability (continued)**

**Satisfaction with life**

**Risk Factor Definition: “Dissatisfied” or “Very dissatisfied” with life**

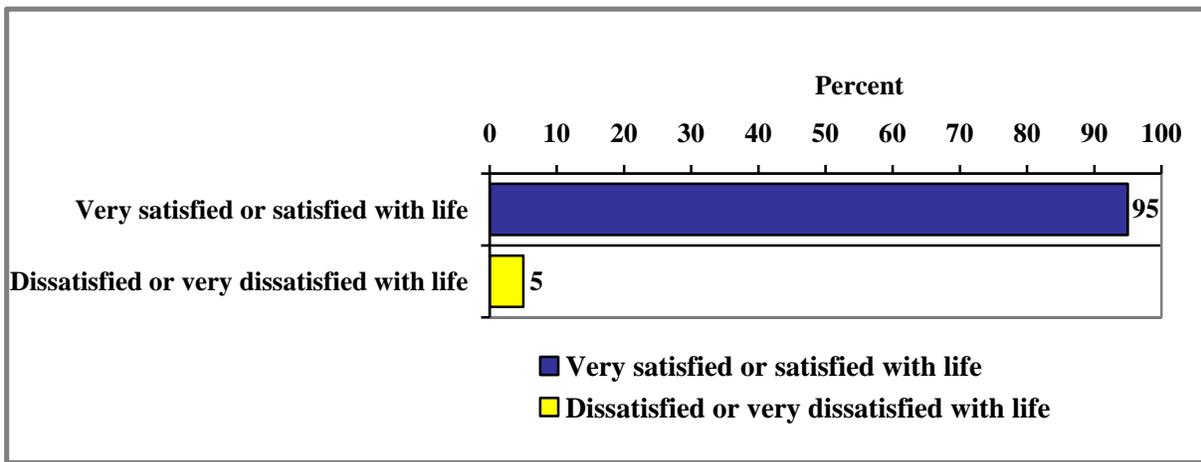
Question: In general, how satisfied are you with life?

At risk: Those who answered “dissatisfied” or “very dissatisfied” with life are considered at risk.

Table 4: Satisfaction with life (overall)

Satisfaction with life	Frequency (n)
Dissatisfied or very dissatisfied with life	51
Very satisfied or satisfied with life	784

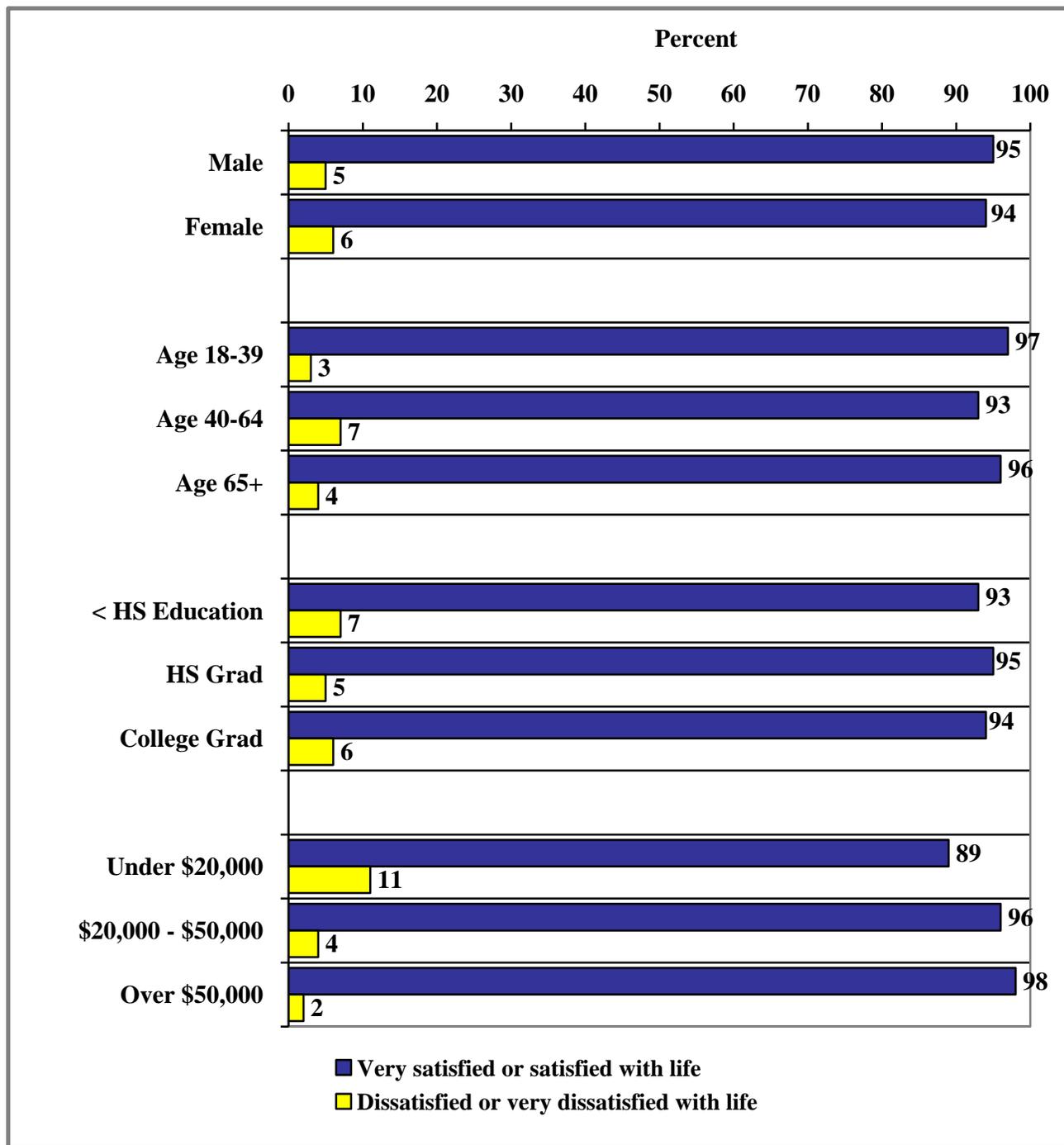
Figure 7: Satisfaction with life (overall)



Disability (continued)

**Question:** In general, how satisfied are you with life?

Figure 8: Satisfaction with life (by selected characteristics)



## Alcohol Consumption

Many serious problems are associated with alcohol use. These include violence and injury.

### Any Alcoholic Drink

#### **Risk Factor Definition: Had one drink of alcohol**

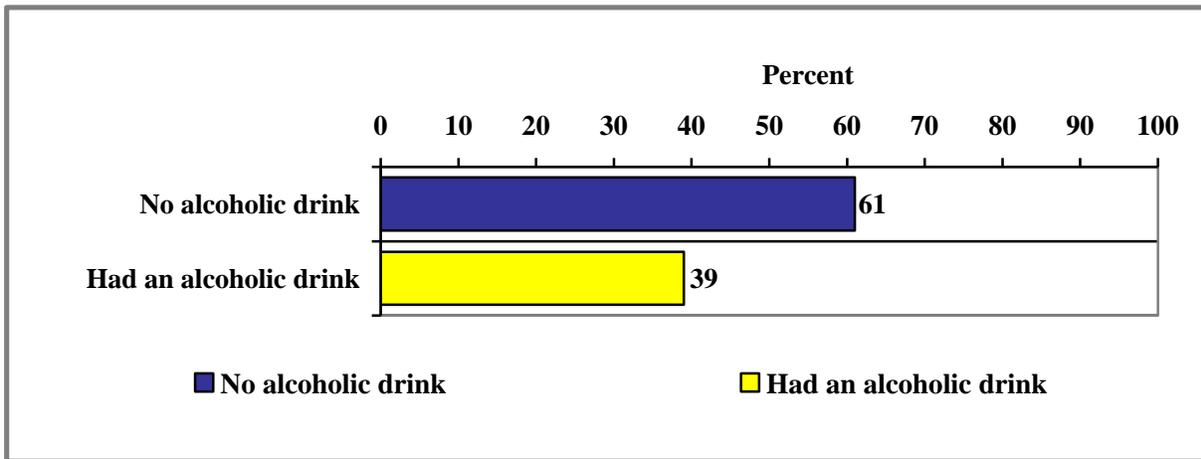
Question: During the thirty days preceding the survey, have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?

At risk: Those who answered “yes” are considered at risk.

Table 1: Any alcoholic drink (overall)

Any alcoholic drink	Frequency (n)
Had a drink of alcohol in past 30 days	273
No alcoholic drink in past 30 days	582

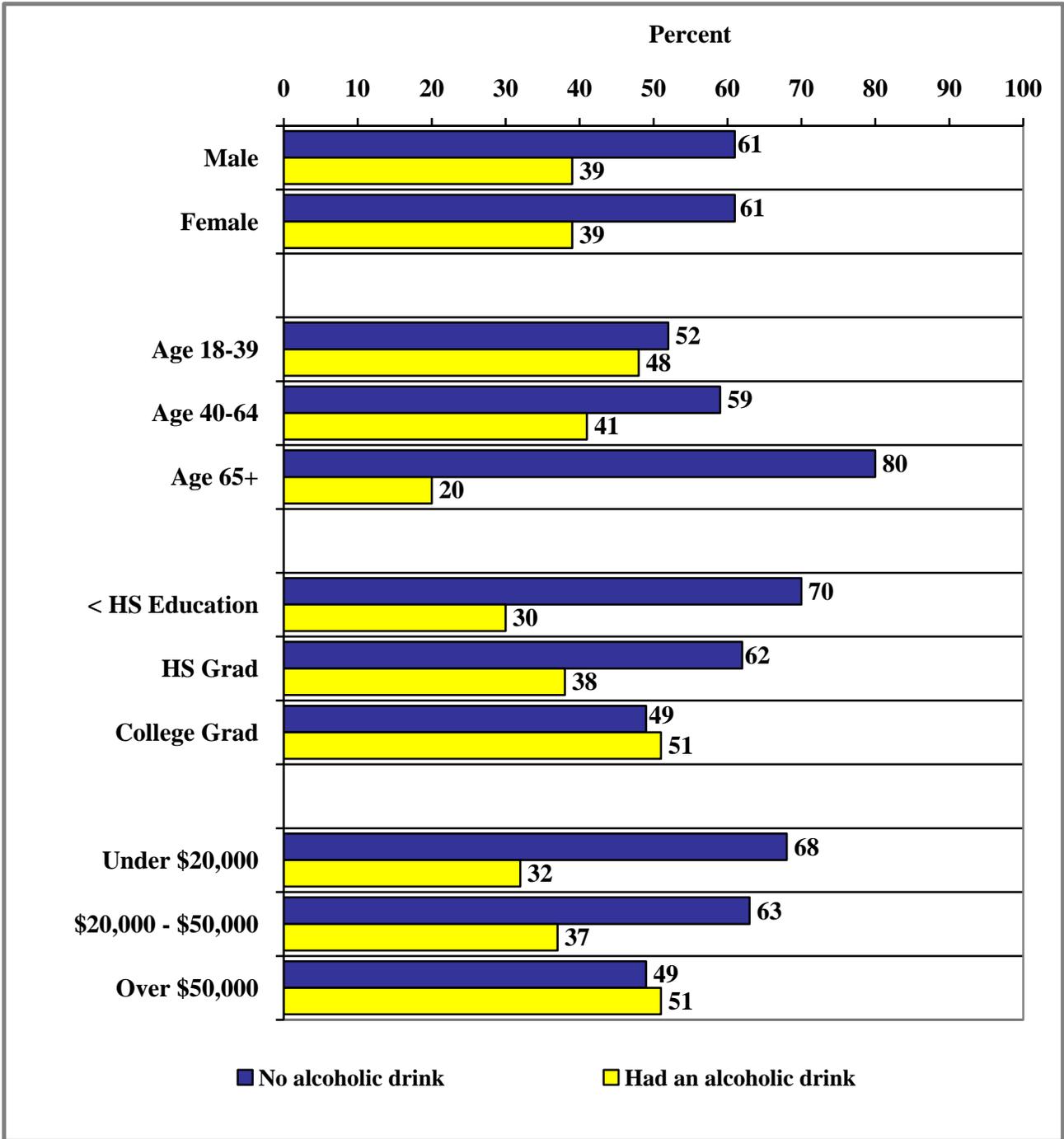
Figure 1: Any alcoholic drink (overall)



Alcohol Consumption (continued)

Question: During the thirty days preceding the survey, have you had at least one drink of any alcoholic beverage such as beer, wine, a malt beverage or liquor?

Figure 2: Any alcoholic drink (by selected characteristics)



## Alcohol Consumption (continued)

### Binge Drinking

#### **Risk Factor Definition: Binge drinking**

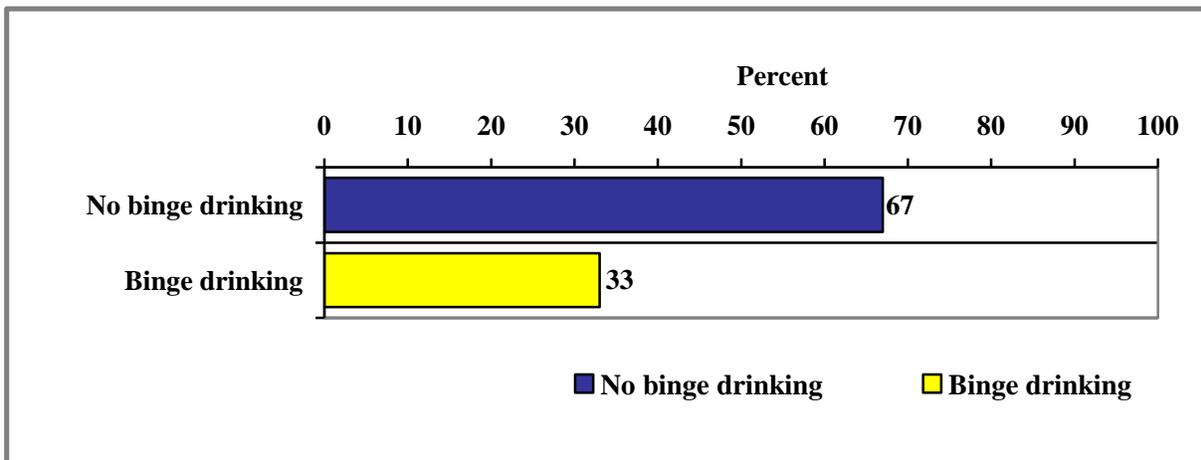
Question: Considering all types of alcoholic beverages, how many times during the past month did you have five or more drinks on one occasion?

At risk: **Of those respondents who reported that they had at least one alcoholic drink in the thirty days preceding the survey**, those who reported that they had had five or more drinks in a row on one or more occasion during the past month are considered at risk.

Table 2: Binge drinking (overall)

Binge drinking	Frequency (n)
Binge drinking in past 30 days (5men,4women)	71
No binge drinking in past 30 days	199

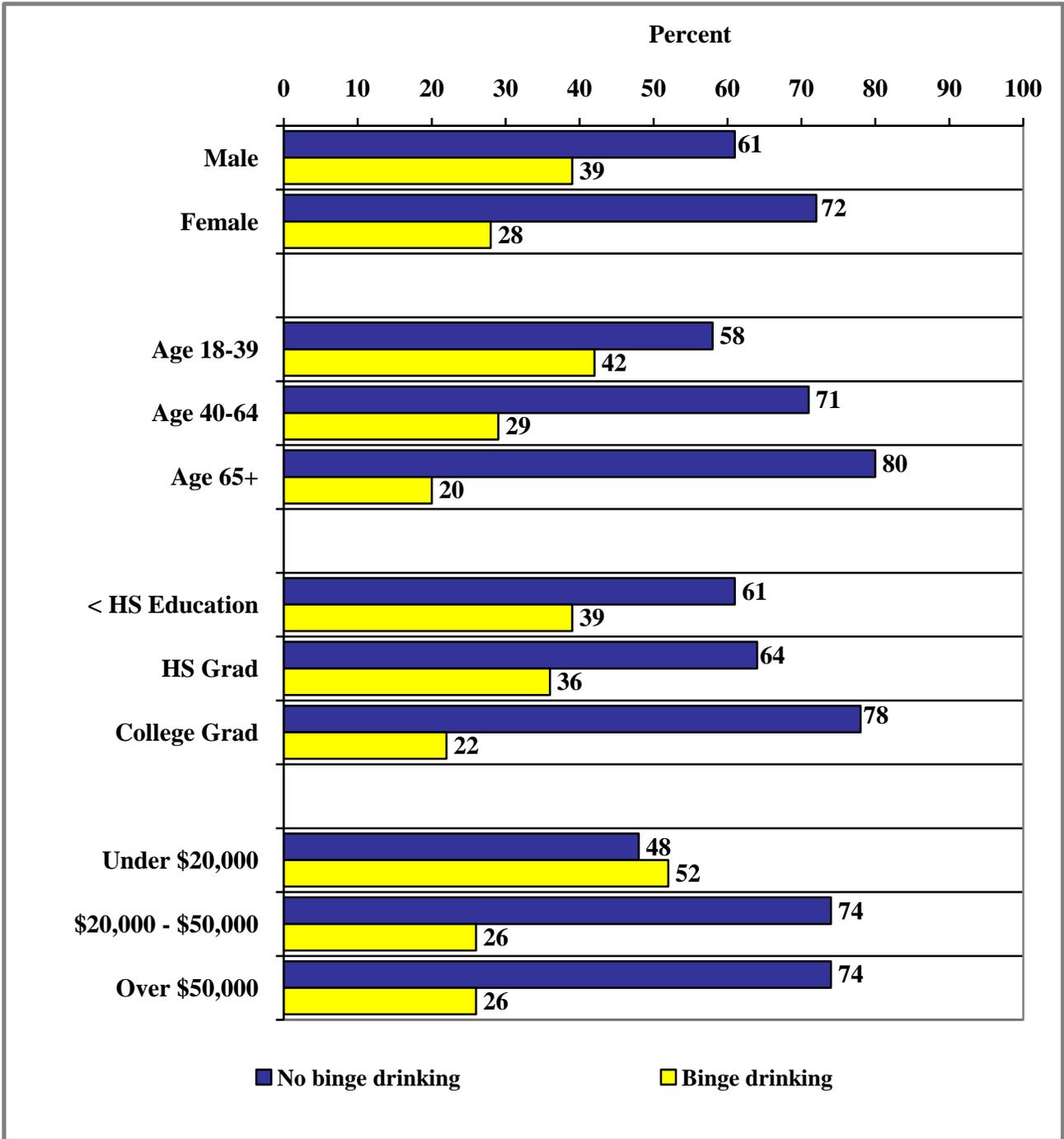
Figure 3: Binge drinking (overall)



Alcohol Consumption (continued)

Question: Considering all types of alcoholic beverages, how many times during the past month did you have five or more drinks on one occasion?

Figure 4: Binge drinking (by selected characteristics)



## Tobacco Use

Questions regarding cigarette smoking, attempts to quit smoking, smoking in the household, and other uses of tobacco were asked as part of the Logan County Adult Health Survey. Cigarette smoking is the single most preventable cause of disease and death. Smoking is a major risk factor for heart disease, stroke, lung cancer, and chronic lung disease.

### Cigarette Use

#### **Risk Factor Definition: Ever smoked cigarettes**

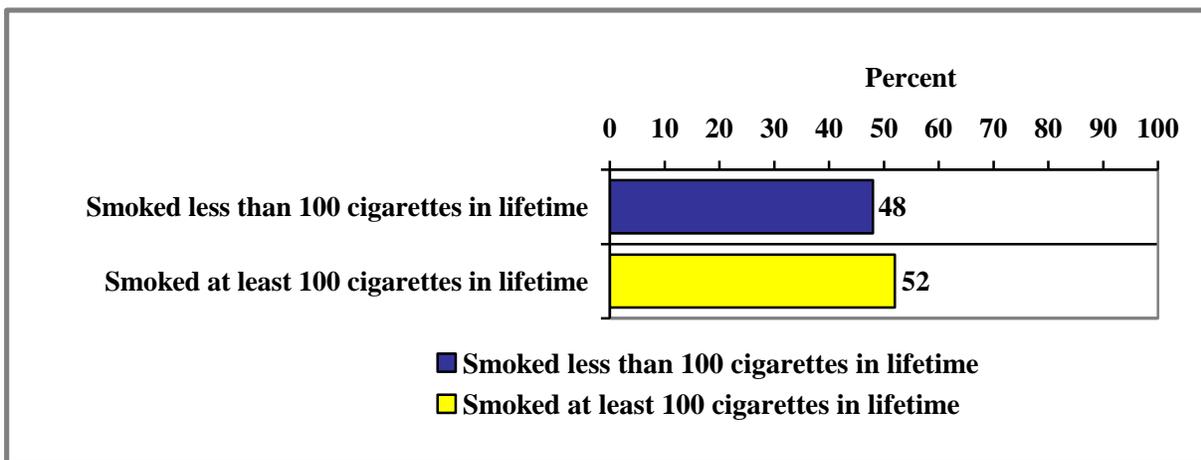
**Question:** Have you smoked at least 100 cigarettes in your entire lifetime?

**At risk:** Those respondents who answered “yes” are considered at risk.

Table 1: Cigarette use (overall)

Cigarette use	Frequency (n)
Smoked 100 cigarettes in lifetime	439
Have not smoked 100 cigarettes in lifetime	415

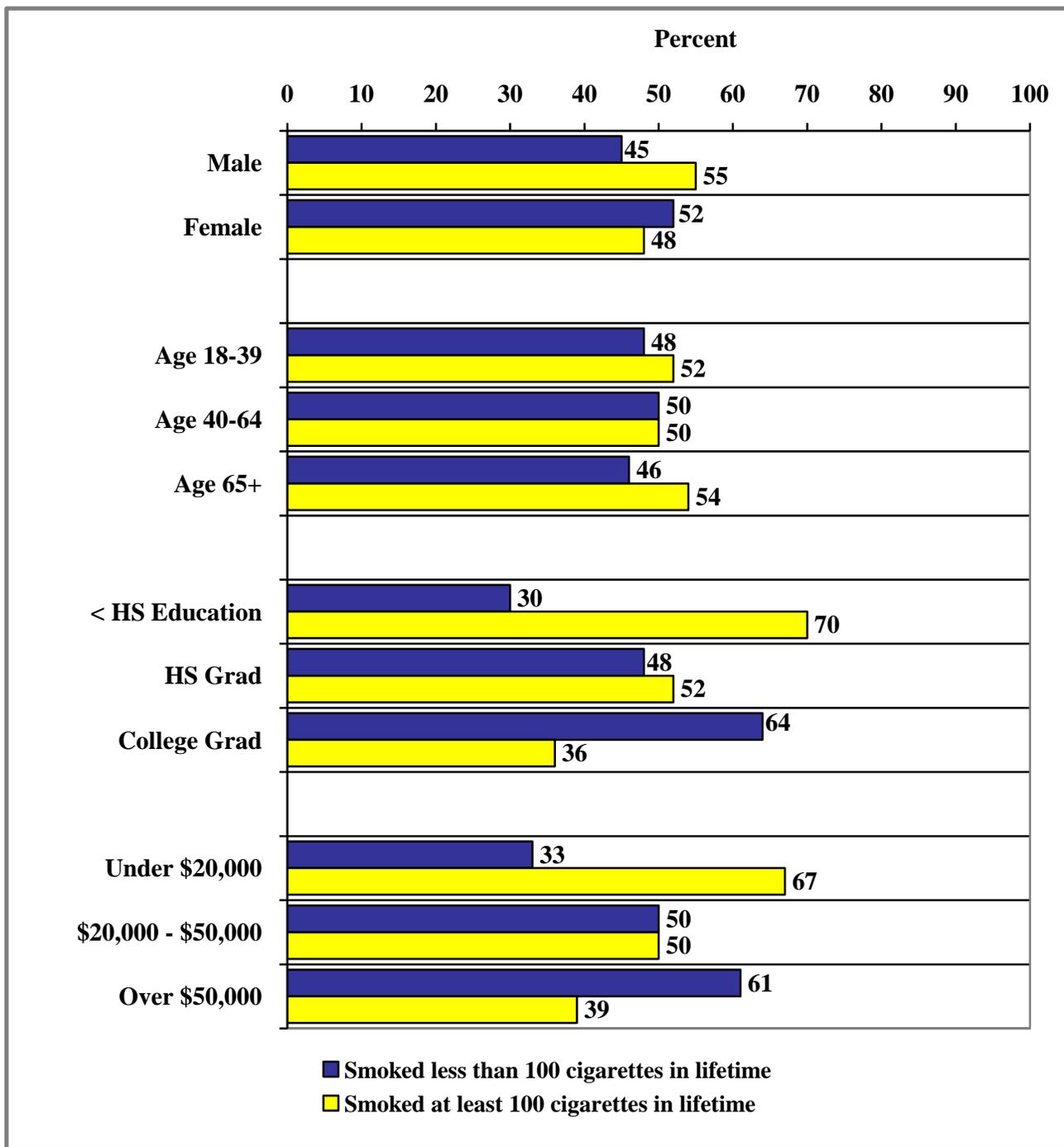
Figure 1: Cigarette use (overall)



Tobacco Use (continued)

**Question:** Have you smoked at least 100 cigarettes in your entire lifetime?

Figure 2: Cigarette Use (by selected characteristics)



## Tobacco Use (continued)

### Current cigarette use

#### **Risk Factor Definition: Currently smoke cigarettes**

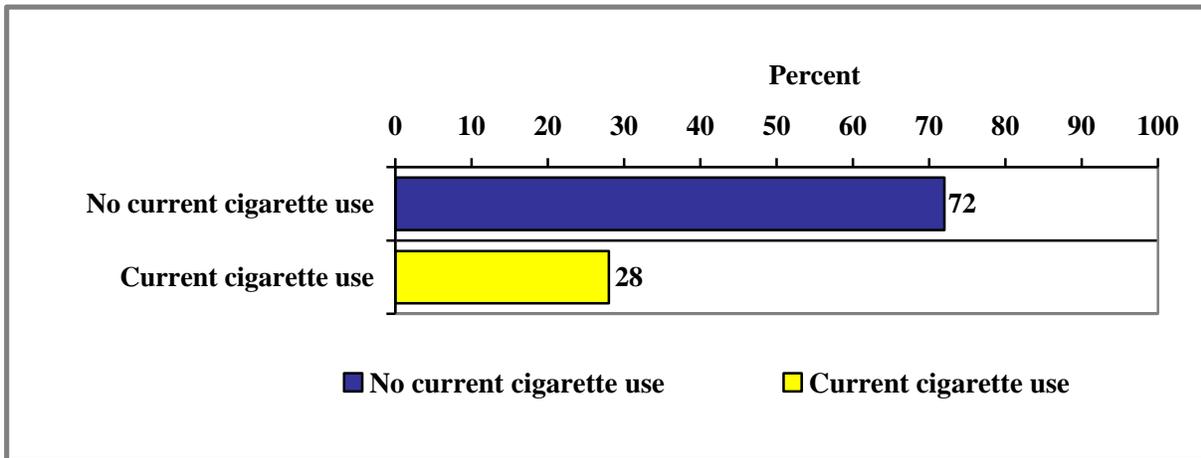
Question: Do you smoke cigarettes every day, some days, or not at all?

At risk: Those respondents who reported that they now smoke cigarettes “every day” or “some days” (i.e. current cigarette use) are considered at risk.

Table 2: Current cigarette use (overall)

Current smoker	Frequency (n)
current smoker	174
not a current smoker (former and never smoked)	680

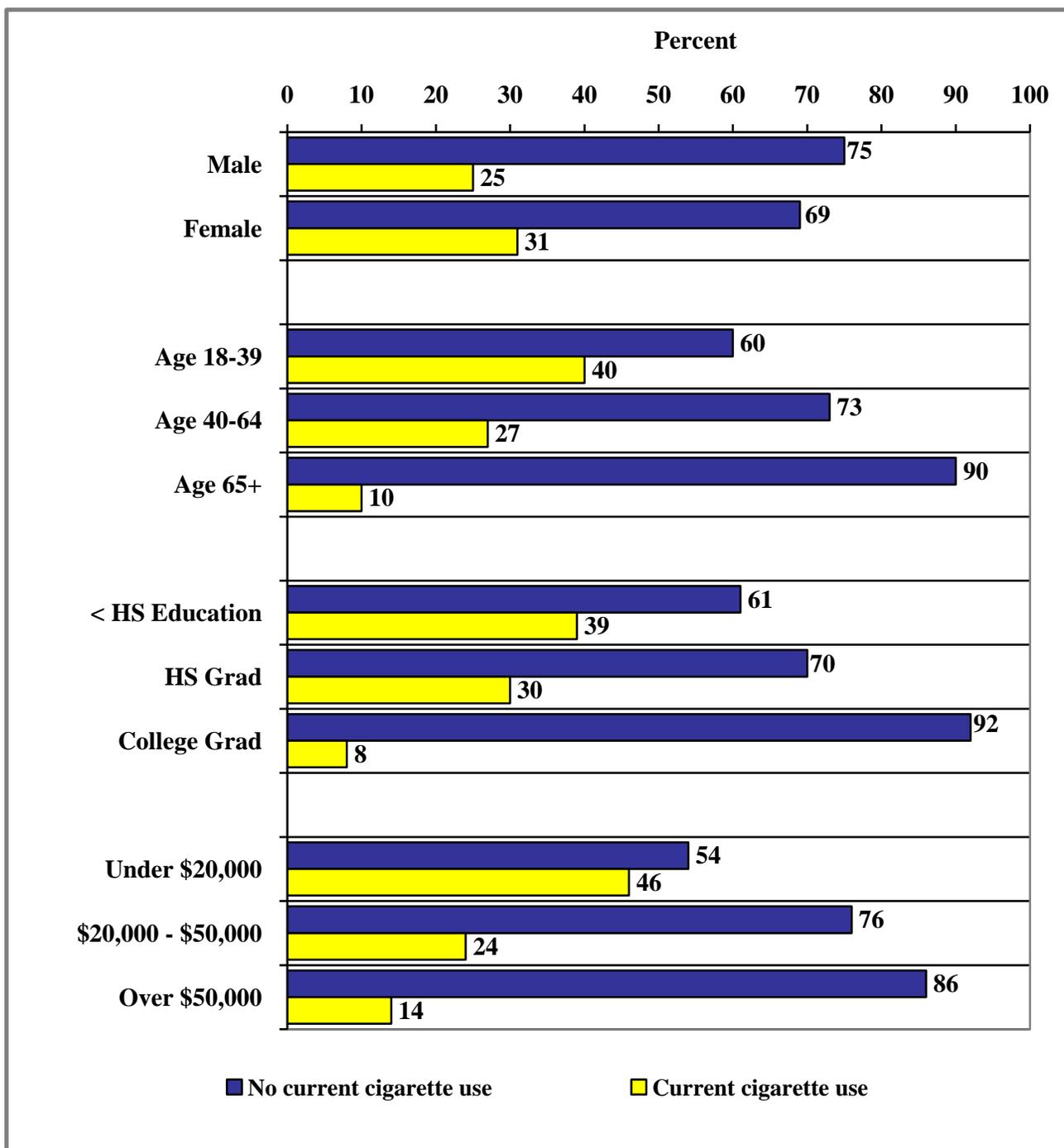
Figure 3: Current cigarette use (overall)



Tobacco Use (continued)

Question: Do you smoke cigarettes every day, some days, or not at all?

Figure 4: Current cigarette use (by selected characteristics)



## Tobacco Use (continued)

### Cigarette Smoking Cessation

#### **Risk Factor Definition: No smoking cessation (no attempts to quit smoking)**

Question: During the past 12 months, have you quit smoking for one day or longer?

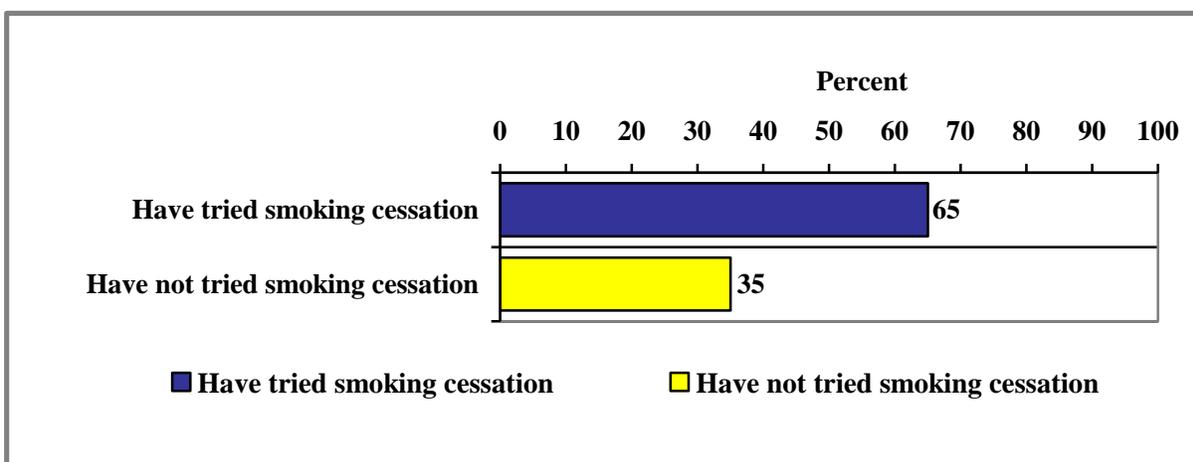
At risk: **Of those adults who reported current cigarette use**, those respondents who reported that they had made no attempt to stop smoking for one day or longer during the twelve months preceding the survey are considered at risk for continued cigarette smoking.



Table 3: Smoking cessation (overall)

Smoking cessation	Frequency (n)
Not tried smoking cessation	80
Tried smoking cessation	93

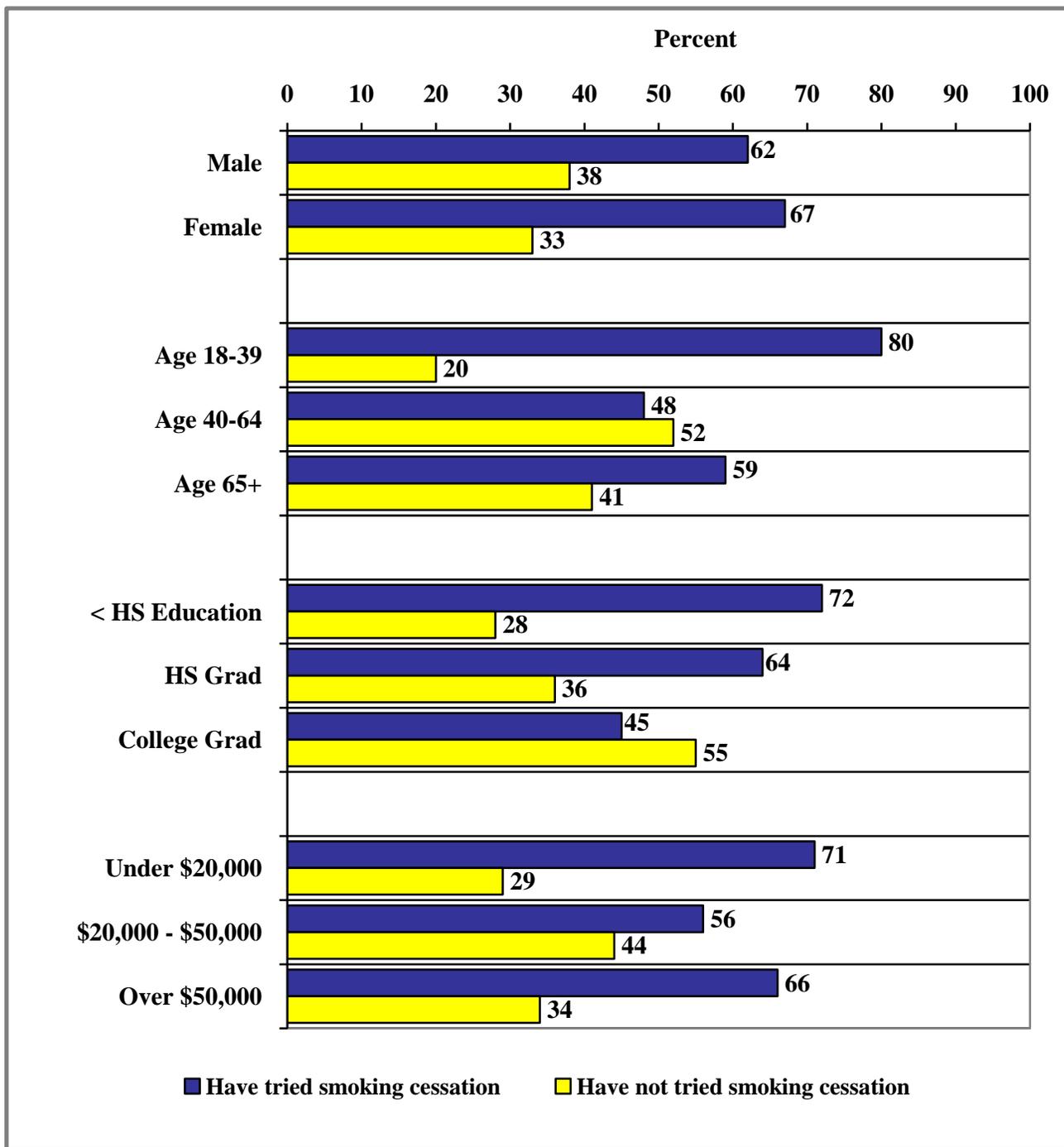
Figure 5: Smoking cessation (overall)



Tobacco Use (continued)

Question: During the past 12 months, have you quit smoking for one day or longer?

Figure 6: Smoking cessation (by selected characteristics)



## Tobacco Use (continued)

### Smokeless Tobacco Use

#### **Risk Factor Definition: Ever use smokeless tobacco**

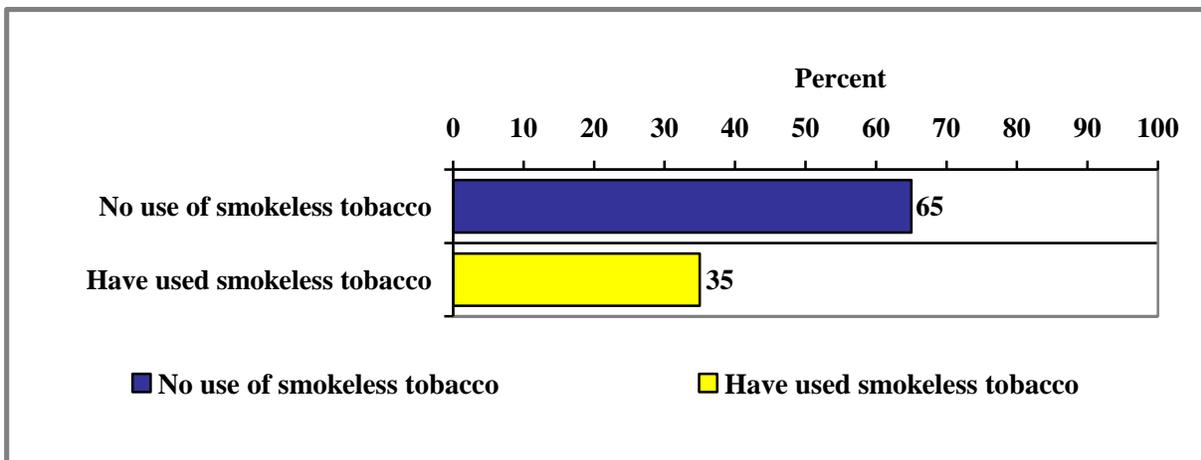
Question: Have you ever used or tried any smokeless tobacco products such as chewing tobacco or snuff?

At risk: Those who answered “yes” are considered at risk.

Table 4: Smokeless tobacco use (overall)

Smokeless tobacco use	Frequency (n)
Ever tried smokeless tobacco	207
Never tried smokeless tobacco	621

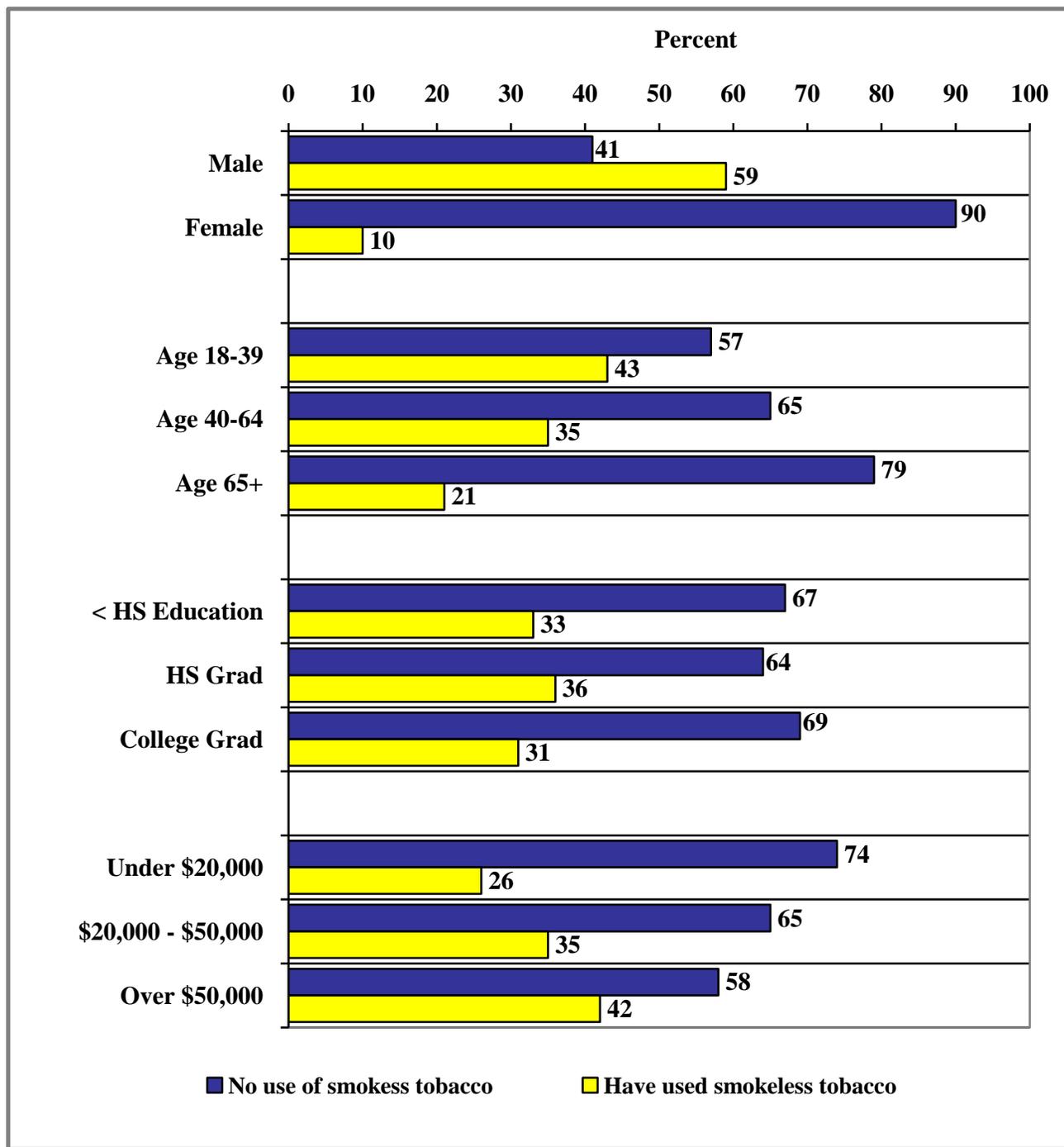
Figure 7: Smokeless tobacco use (overall)



Tobacco Use (continued)

Question: Have you ever used or tried any smokeless tobacco products such as chewing tobacco or snuff?

Figure 8: Smokeless tobacco use (by selected characteristics)



## Tobacco Use (continued)

### Current Smokeless Tobacco Use

#### **Risk Factor Definition: Current use of smokeless tobacco**

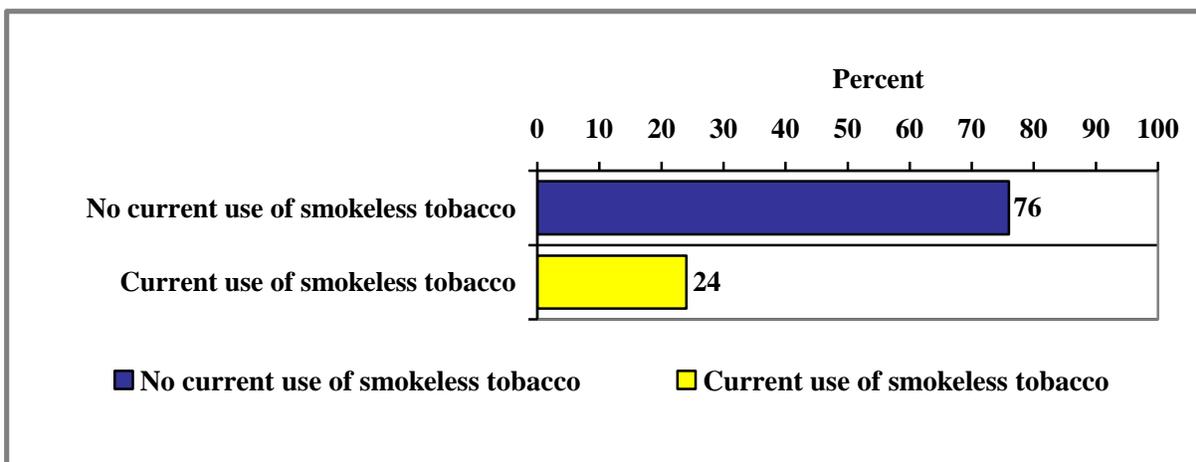
Question: Do you currently use chewing tobacco or snuff every day, some days, or not at all?

At risk: **Of those respondents who reported that they had ever tried chewing tobacco or snuff**, those who answered “every day” or “some days” (i.e. current chewing tobacco or snuff users) are considered at risk.

**Table 5:** Current smokeless tobacco use (overall)

Current use of smokeless tobacco	Frequency (n)
Current use of smokeless tobacco	53
No current use of smokeless tobacco	154

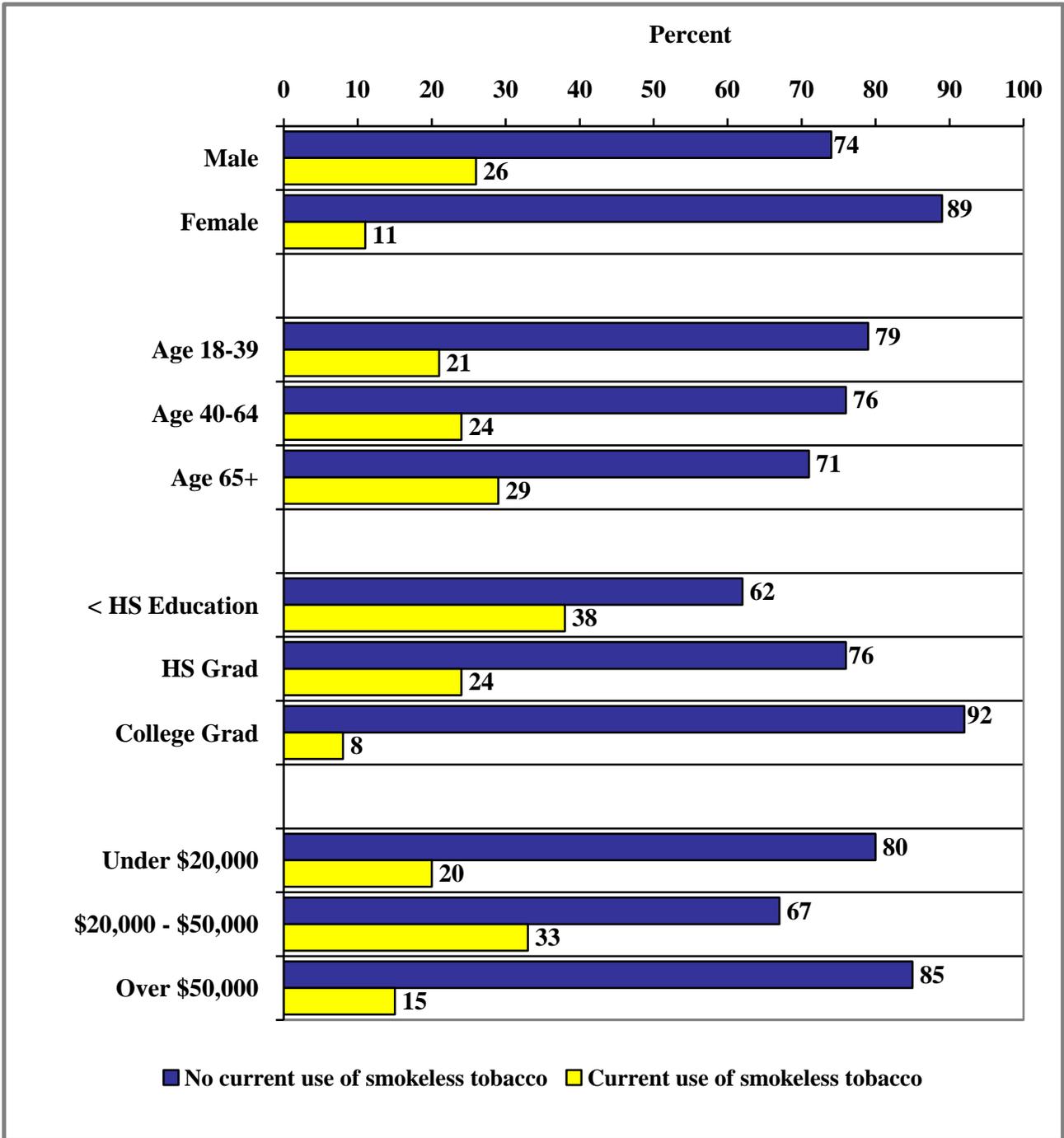
**Figure 9:** Current smokeless tobacco use (overall)



Tobacco Use (continued)

Question: Do you currently use chewing tobacco or snuff every day, some days, or not at all?

Figure 10: Current smokeless tobacco use (by selected characteristics)



## Tobacco Use

### Cigar Smoking

#### **Risk Factor Definition: Ever smoked a cigar**

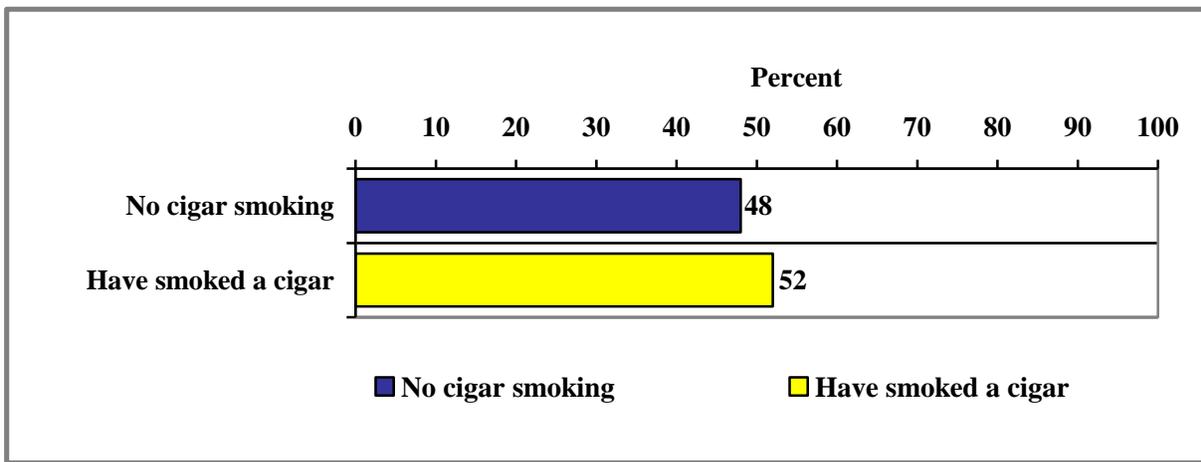
Question: Have you ever smoked a cigar, even one or two puffs?

At risk: Those who answered “yes” are considered at risk.

Table 6: Cigar smoking (overall)

Cigar smoking	Frequency (n)
Ever tried cigar	356
Never tried cigar	468

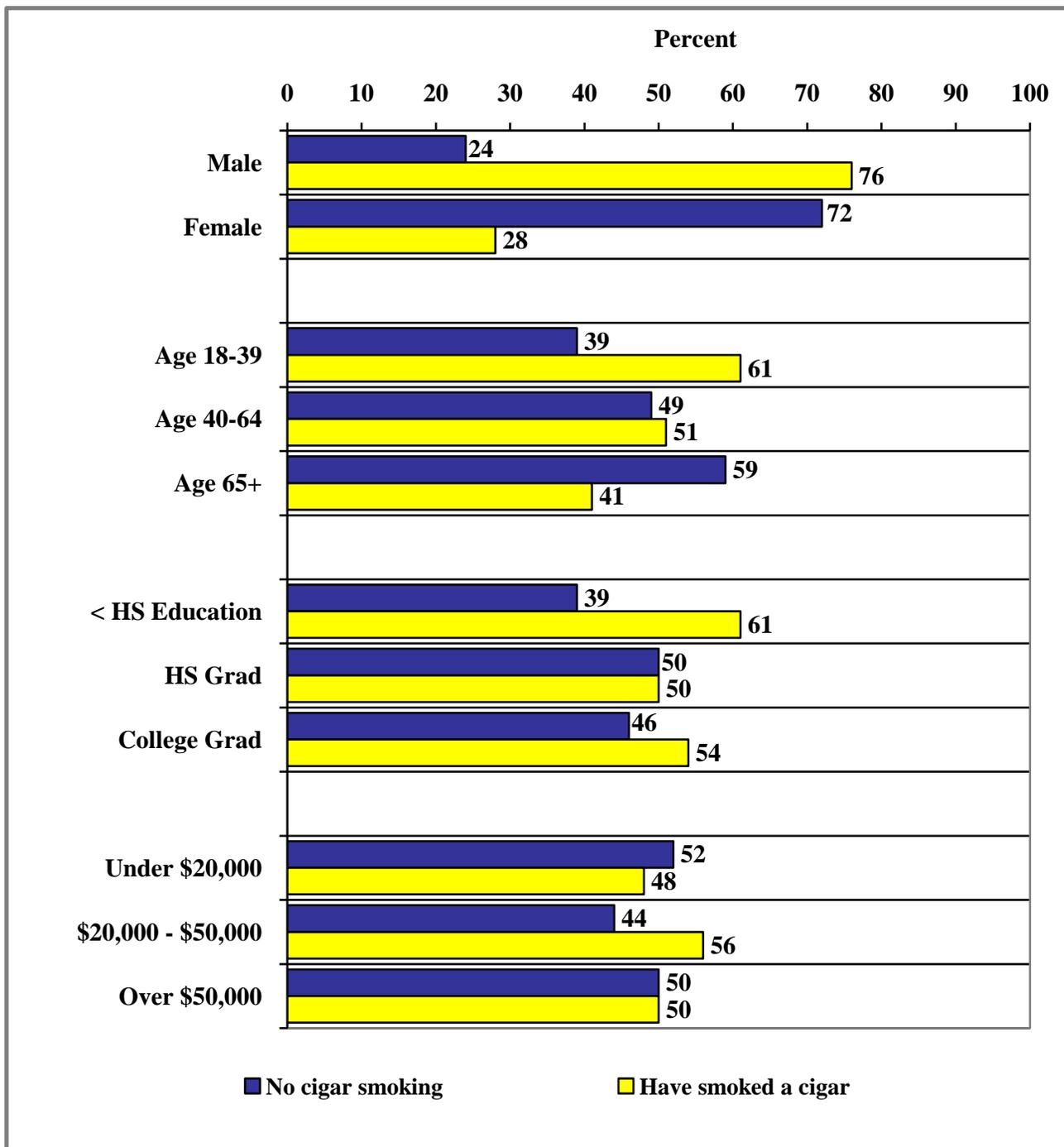
Figure 11: Cigar smoking (overall)



Tobacco Use (continued)

**Question:** Have you ever smoked a cigar, even one or two puffs?

Figure 12: Cigar smoking (by selected characteristics)



## Tobacco Use

### Current Cigar Smoking

#### **Risk Factor Definition: Current cigar smoking**

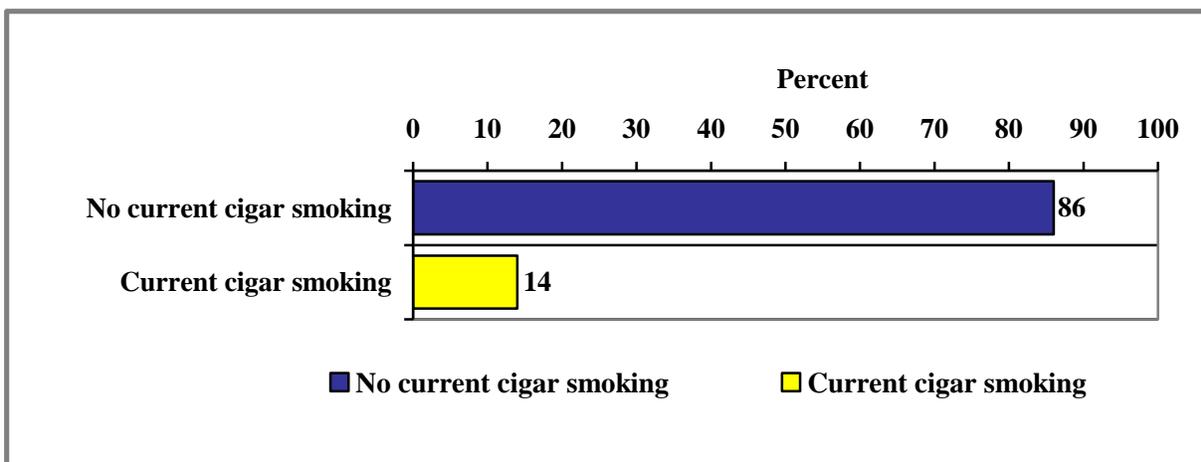
Question: Do you smoke cigars every day, some days, or not at all?

At risk: **Of those respondents who reported that they had ever smoked a cigar**, those who answered “every day” or “some days” (i.e. current cigar smokers) are considered at risk.

Table 7: Current cigar smoking (overall)

Current cigar smoking	Frequency (n)
Current use of cigars	30
No current use of cigars	326

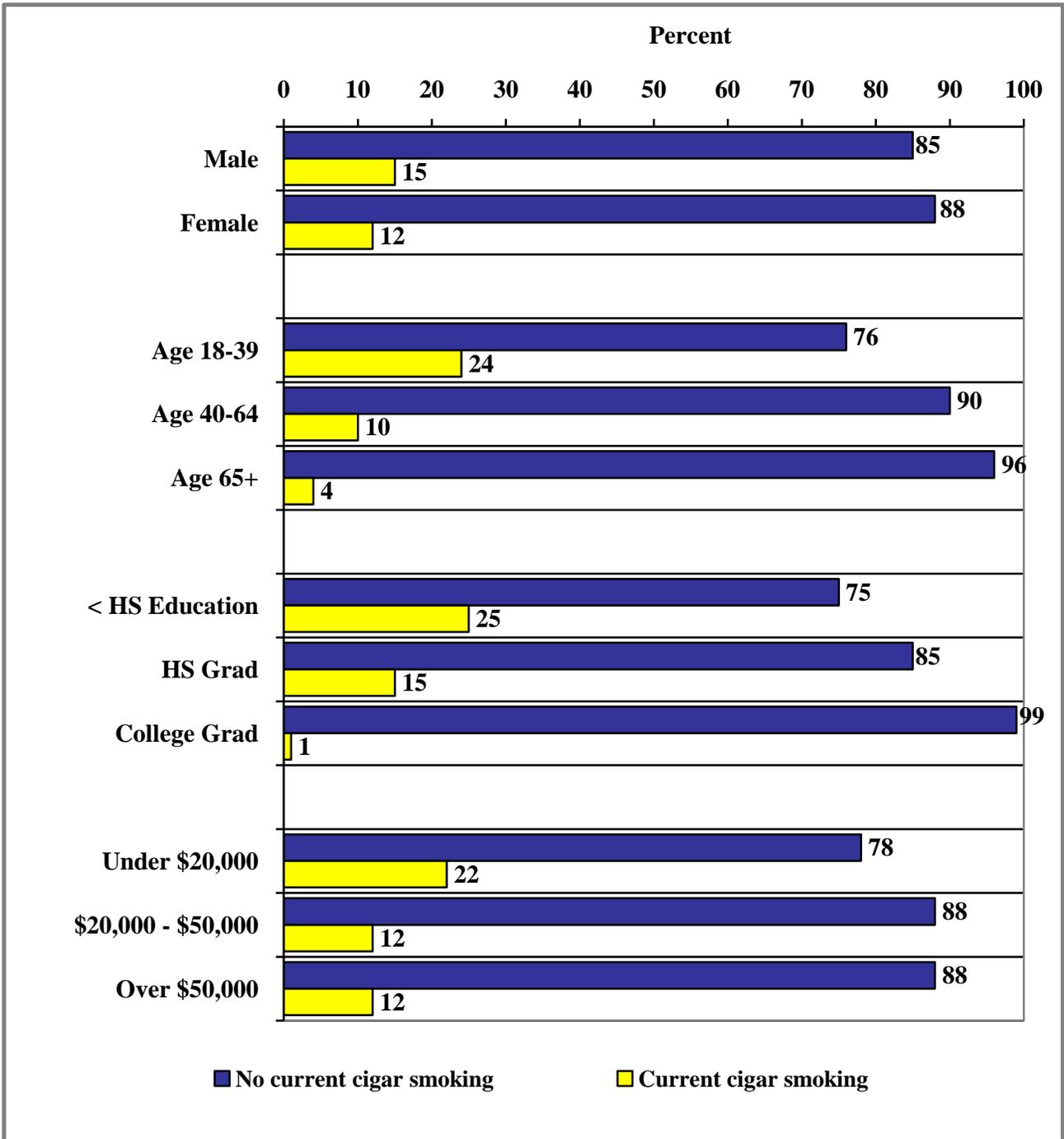
Figure 13: Current cigar smoking (overall)



Tobacco Use (continued)

Question: Do you smoke cigars every day, some days, or not at all?

Figure 14: Current cigar smoking (by selected characteristics)



## Tobacco Use

### Smoking in the Home

#### **Risk Factor Definition: Smoking is allowed in the home**

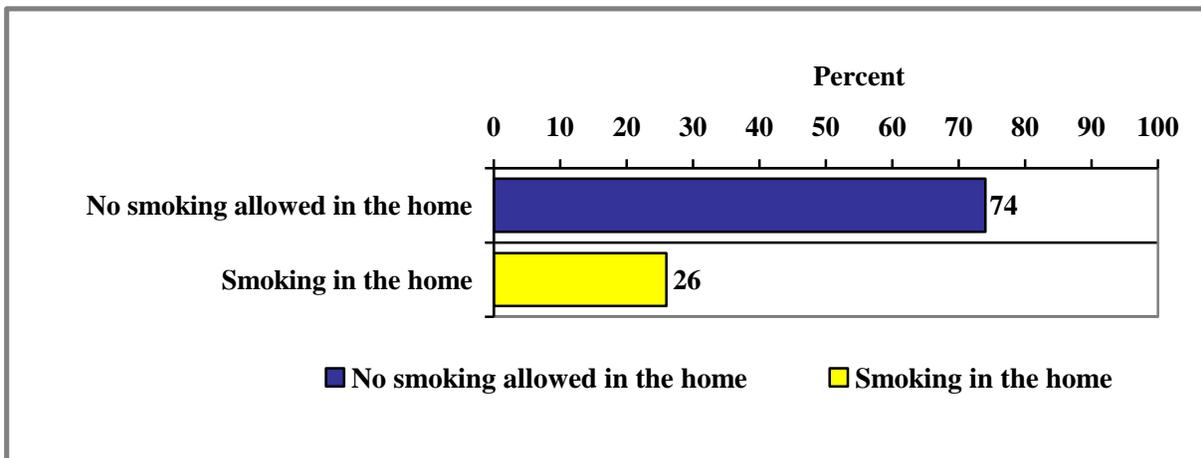
Question: Which statement best describes the rules of smoking inside your home?

At risk: Those who did not indicate that smoking is not allowed anywhere inside the homes are considered at risk.

Table 10: Smoking in the home (overall)

Smoking in the home	Frequency (n)
Allows smoking in home	237
Does not allow smoking in home	592

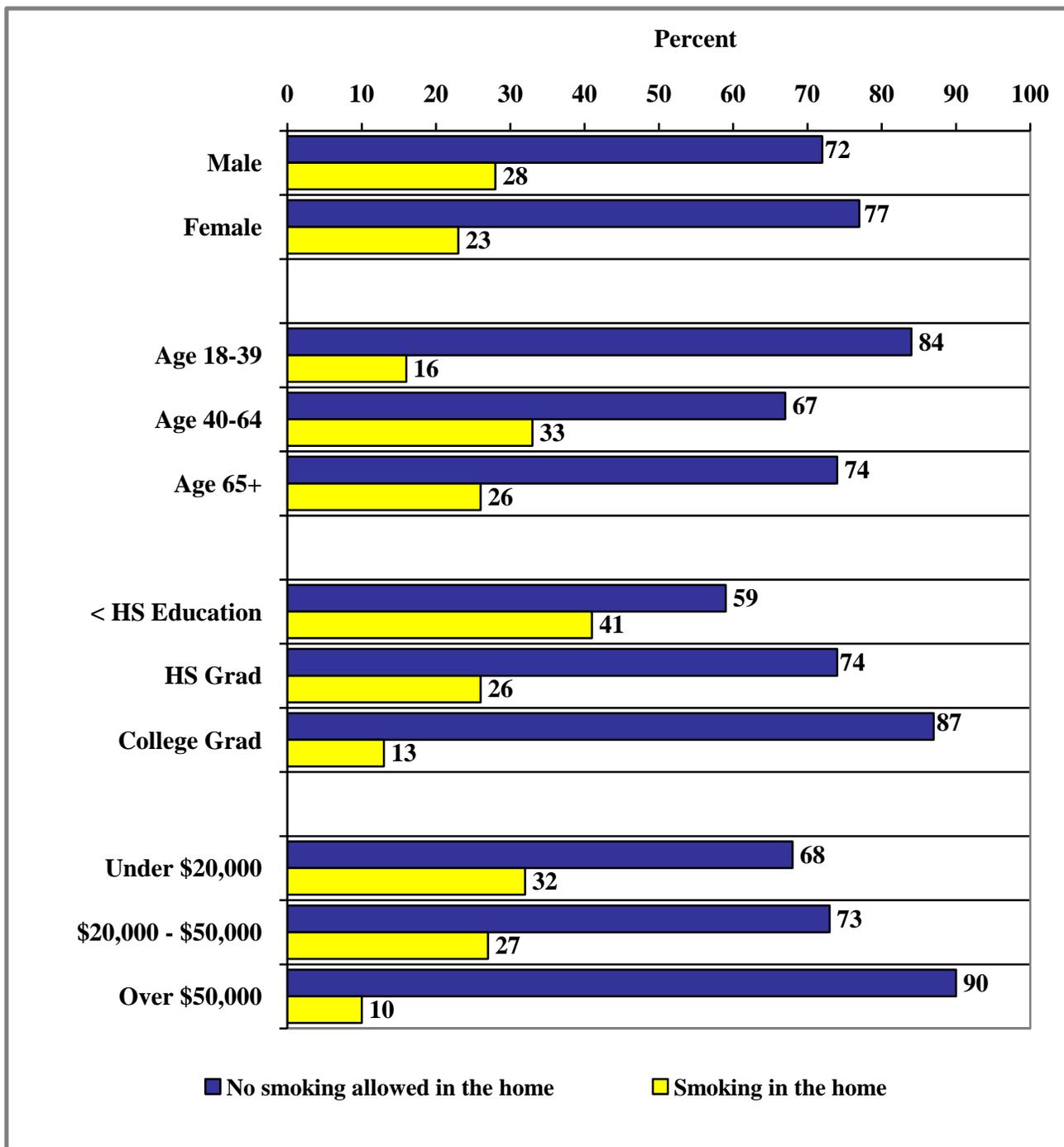
Figure 19: Smoking in the home (overall)



Tobacco Use (continued)

Question: Which statement best describes the rules of smoking inside your home?

Figure 20: Smoking in the home (by selected characteristics)



# **Women's Health and Risk Factors**

## Breast Cancer Screening and Knowledge

Breast cancer is the most frequently diagnosed cancer among Arkansas women, aside from skin cancer. According to the American Cancer Society, mammography is very valuable as an early detection tool, often identifying cancer before any physical symptoms develop. Early detection saves lives and increases treatment options.

### Advertisements for mammogram tests

#### **Risk Factor Definition: Have not noticed mammogram advertisements**

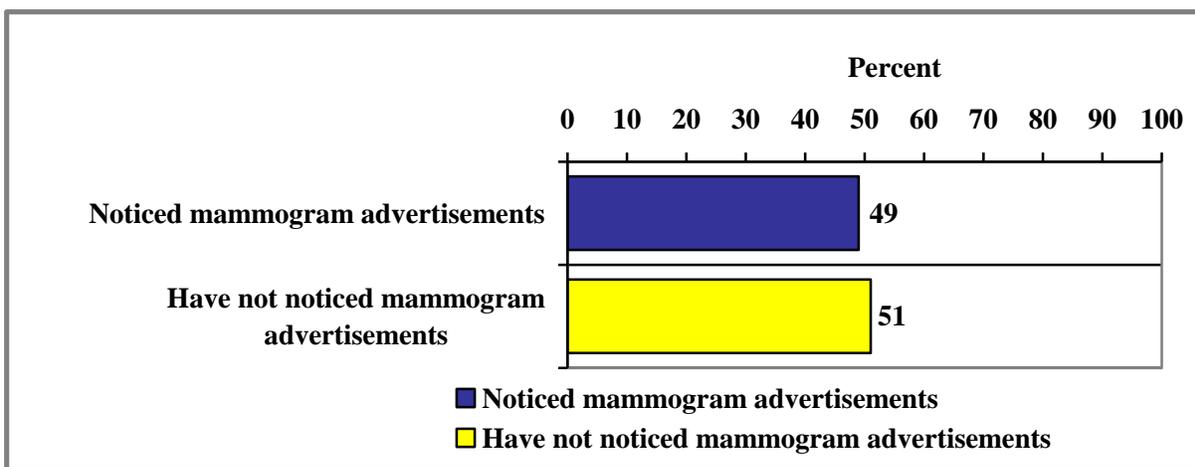
**Question:** In the past month, have you noticed any posters, billboards, commercials, or advertisements with a message about having a mammogram test?

**At risk:** Those who reported no sightings of posters, billboards, commercials, or advertisements with a message about having a mammogram test are considered at risk.

Table 1: Reported sightings of advertisements for mammogram tests (overall)

Adverts for mammogram tests	Frequency (n)
Have not noticed mammogram advertisements	256
Noticed mammogram advertisements	252

Figure 1: Reported sightings of advertisements for mammogram tests (overall)

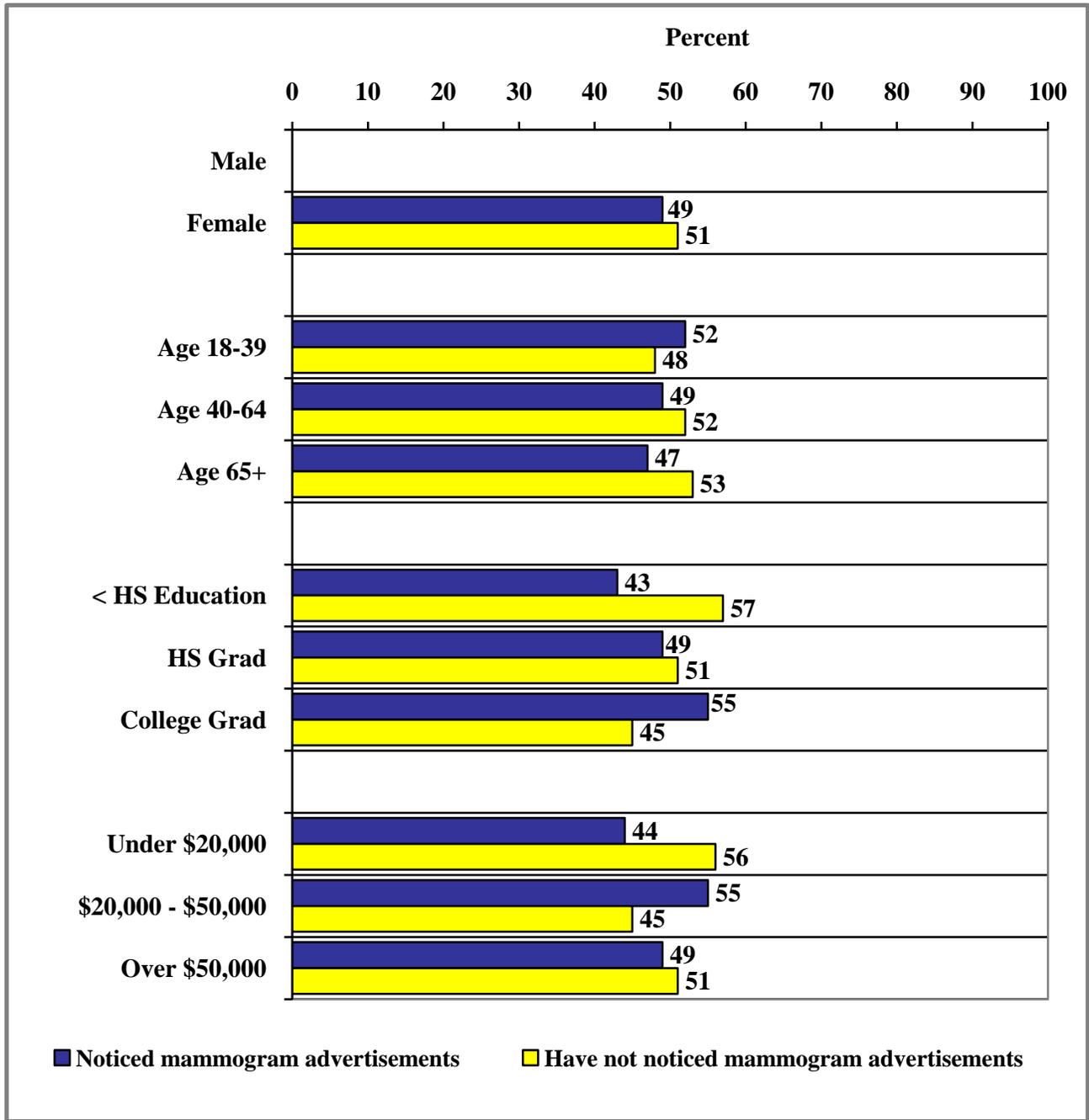


Breast Cancer Screening and Knowledge (continued)

Advertisements for mammogram tests

Question: In the past month, have you noticed any posters, billboards, commercials, or advertisements with a message about having a mammogram test?

Figure 2: Reported sightings of advertisements for mammogram tests (by selected characteristics)



## Breast Cancer Screening and Knowledge (continued)

### Free breast exams and mammograms

#### **Risk Factor Definition: Not aware of free breast exams**

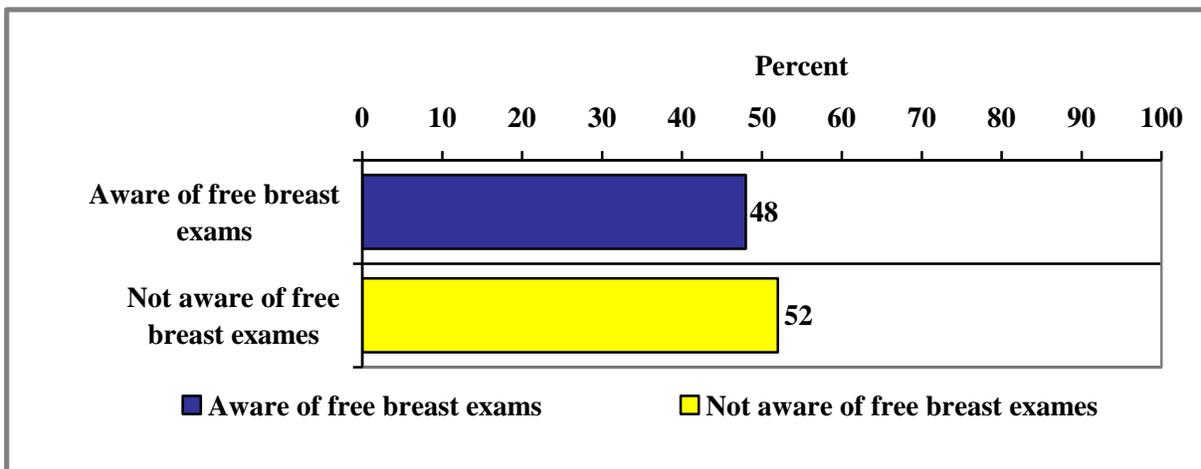
Question: Are you aware that BreastCare, a program of the local health department, offers free breast exams and mammograms to women age 40 and older?

At risk: Those reported that they were not aware that BreastCare, a program of the local health department, offers free breast exams and mammograms to women age 40 and older are considered at risk?

Table 2: Reported knowledge of free breast exams (overall)

Awareness of free breast exams	Frequency (n)
Not aware of free exams	266
Aware of free exams	249

Figure 3: Reported knowledge of free breast exams (overall)

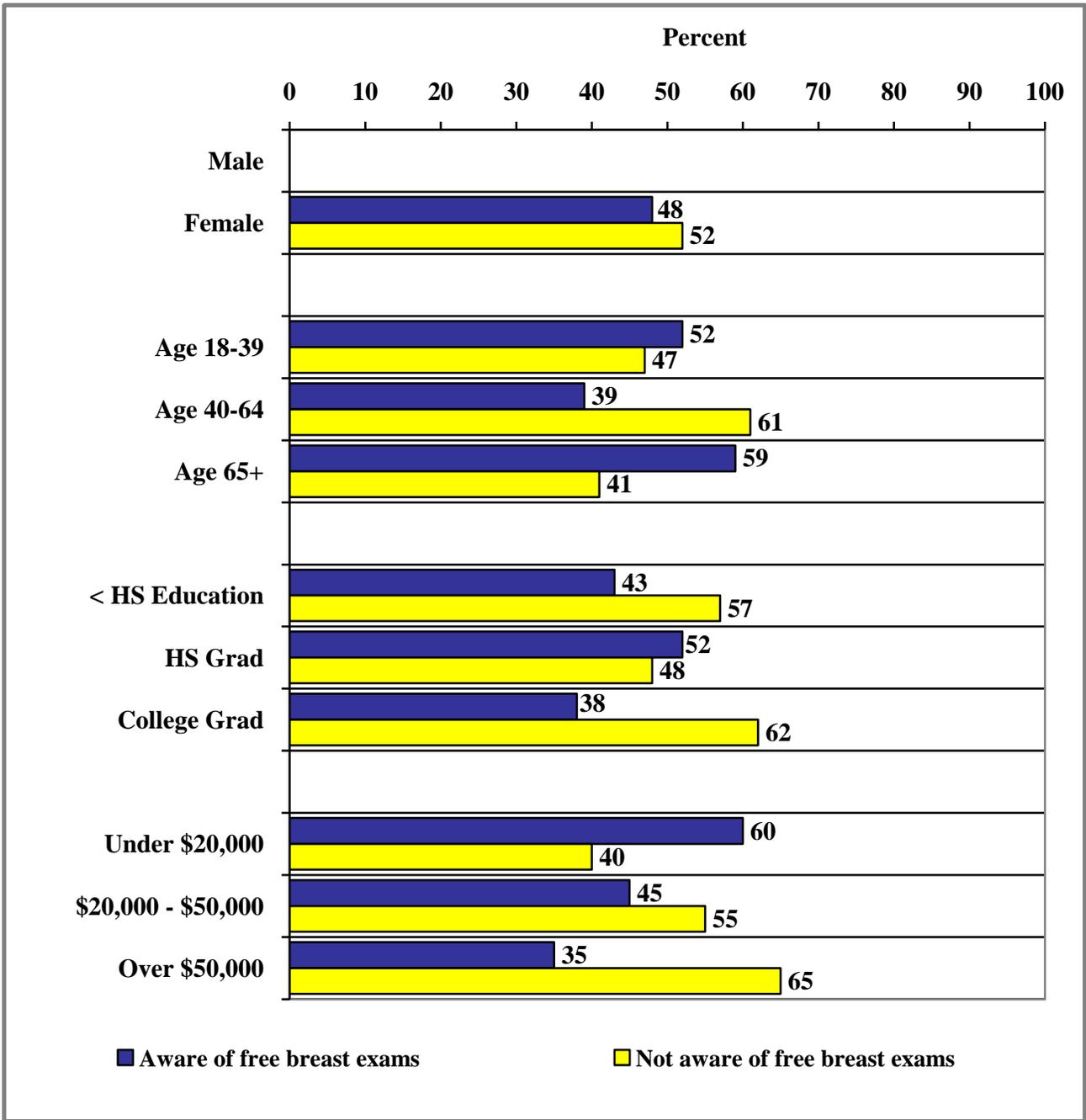


Breast Cancer Screening and Knowledge (continued)

Free breast exams and mammograms

Question: Are you aware that BreastCare, a program of the local health department, offers free breast exams and mammograms to women age 40 and older?

Figure 4: Reported knowledge of free breast exams (by selected characteristics)



## Breast Cancer Screening and Knowledge (continued)

### Cost of mammogram test

#### **Risk Factor Definition: Difficult to pay for a mammogram test**

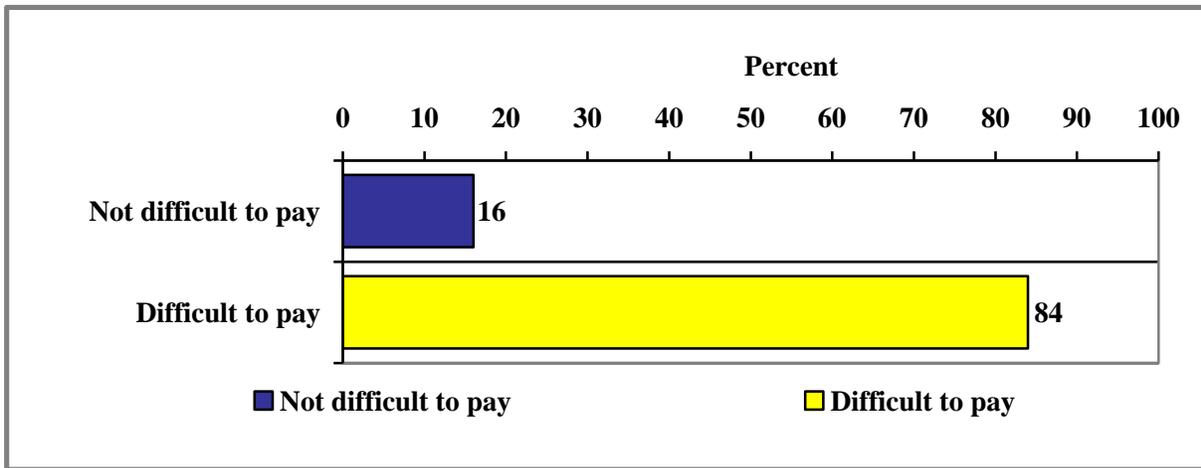
**Question:** How difficult would it be for you to pay for the cost of a mammogram test? Would you say difficult, somewhat difficult, a little difficult, or not at all difficult?

**At risk:** Those who reported that it would be difficult, somewhat difficult, or a little difficult are considered at risk?

**Table 3:** Reported ability to pay for a mammogram test (overall)

Difficult to pay	Frequency (n)
Difficult to pay	141
Not difficult to pay	45

**Figure 5:** Reported ability to pay for a mammogram test (overall)

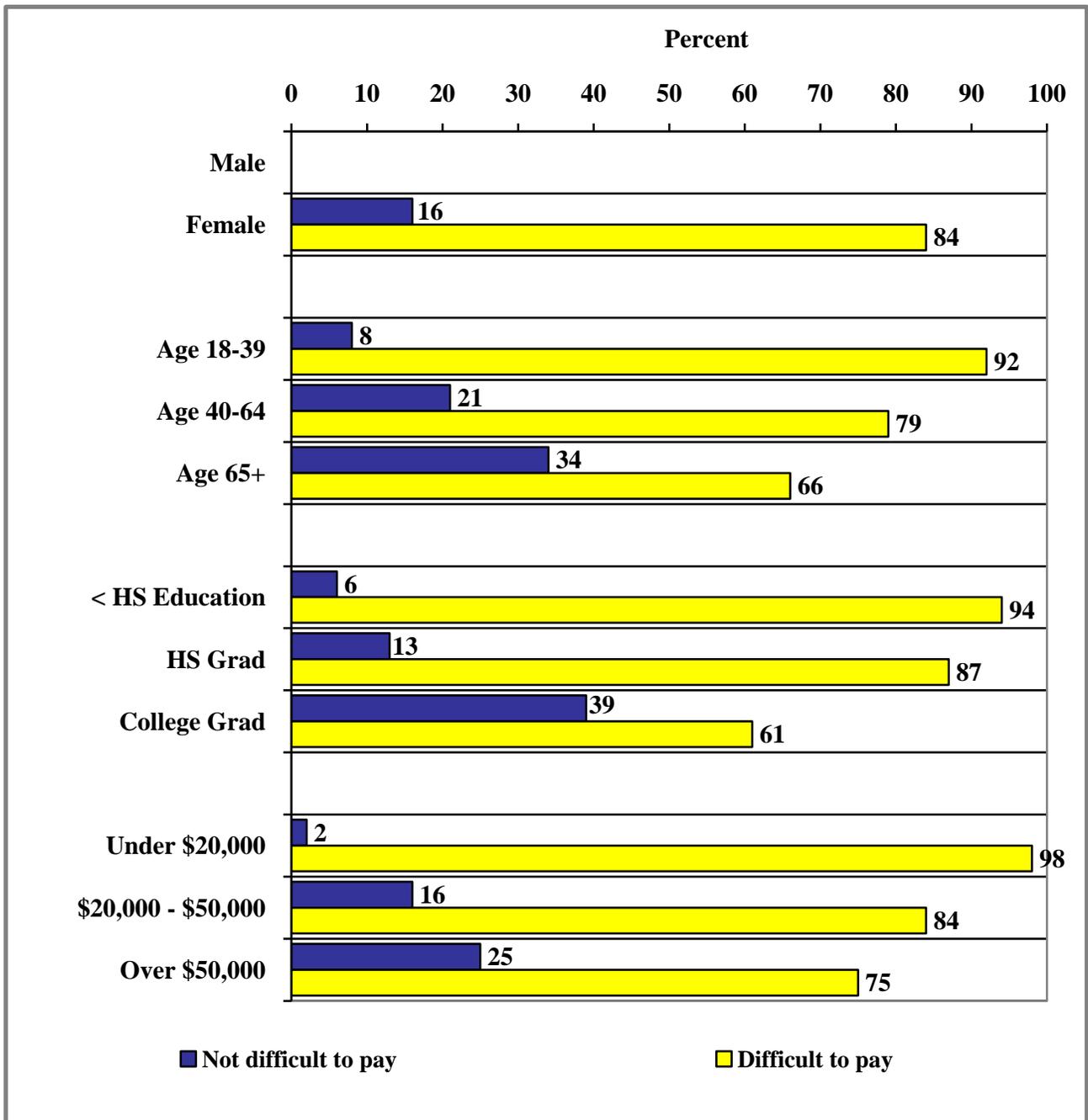


Breast Cancer Screening and Knowledge (continued)

Cost of mammogram test

Question: How difficult would it be for you to pay for the cost of a mammogram test? Would you say difficult, somewhat difficult, a little difficult, or not at all difficult?

Figure 6: Reported ability to pay for a mammogram test (by selected characteristics)



## Breast Cancer Screening and Knowledge (continued)

### Breast Cancer Screening

A mammogram is an x-ray of each breast to look for breast cancer.

**Risk Factor Definition: Women aged 40 years and older, no mammograms within the past two years**

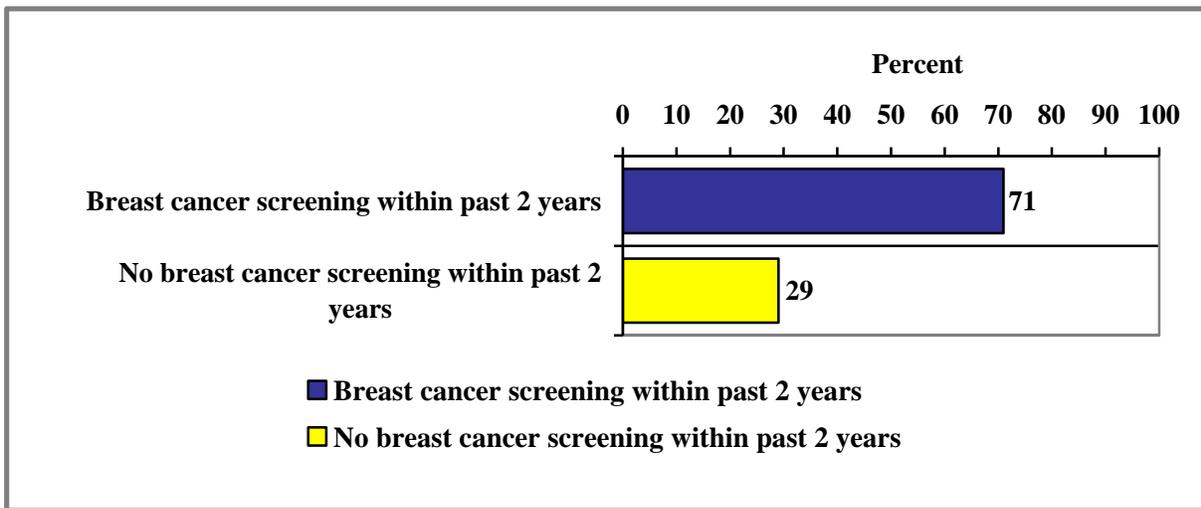
Questions: 1. Have you ever had a mammogram? 2. How long has it been since your last mammogram?

At risk: Women 40 years and older who haven't had a mammogram in the past two years are considered at risk.

Table 4: Breast cancer screening within the past 2 years (overall)

Breast cancer screening	Frequency (n)
No breast cancer screening within the past 2 years	131
Breast cancer screening within past 2 years	330

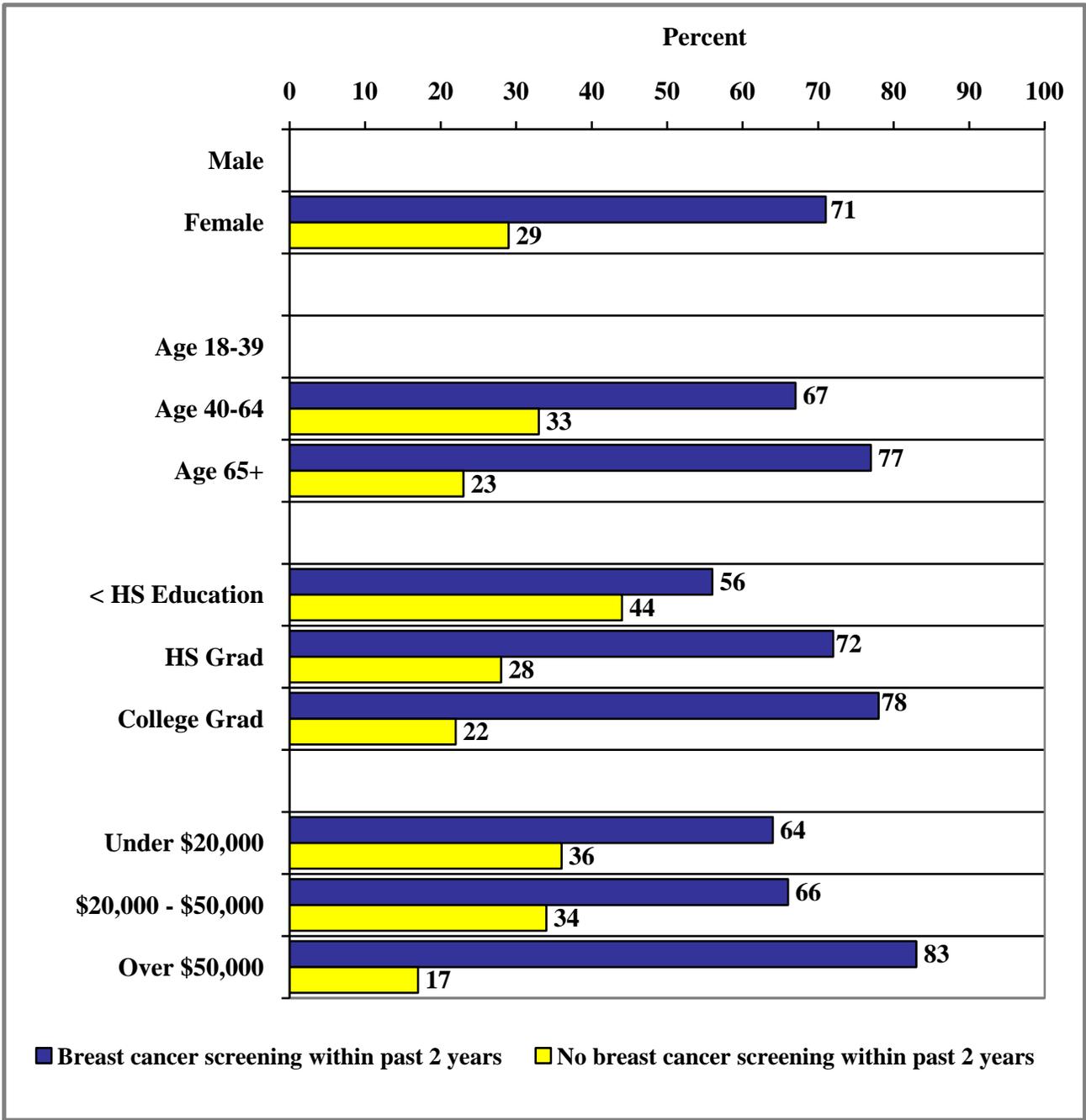
Figure 7: Breast cancer screening within the past 2 years (overall)



**Breast Cancer Screening and Knowledge (continued)**

**Question: 1. Have you ever had a mammogram? 2. How long has it been since your last mammogram?**

**Figure 8: Breast cancer screening within the past 2 years, by age, education and income (by selected characteristics)**



## Other Women's Health Screening

### Pap Smear

Pap tests are used to detect cervical cancer in women. Early stages of cervical cancer often have no signs or symptoms. This makes it important for women to have regular Pap smear tests.

#### **Risk Factor Definition: No Pap smear within the past three years**

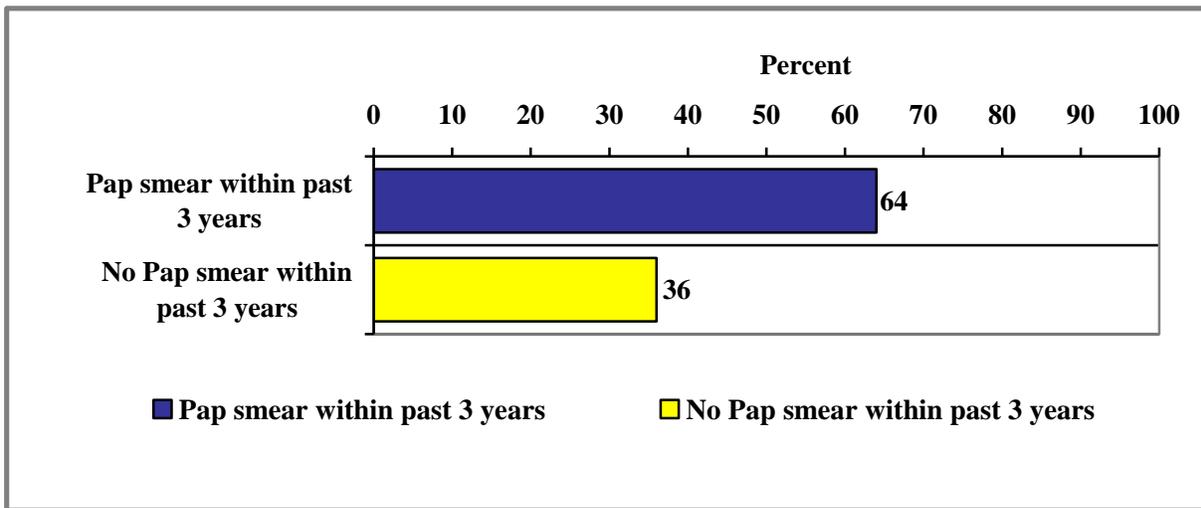
**Questions:** 1. Have you ever had a Pap smear? 2. How long has it been since your last Pap smear?

**At risk:** Women 18 or older with an intact uterus who have not had a Pap smear within the past three years are considered at risk.

**Table 5:** Pap smear within the past three years (overall)

Cervical cancer screening	Frequency (n)
No pap smear within the past 3 years	209
Pap smear within the past 3 years	299

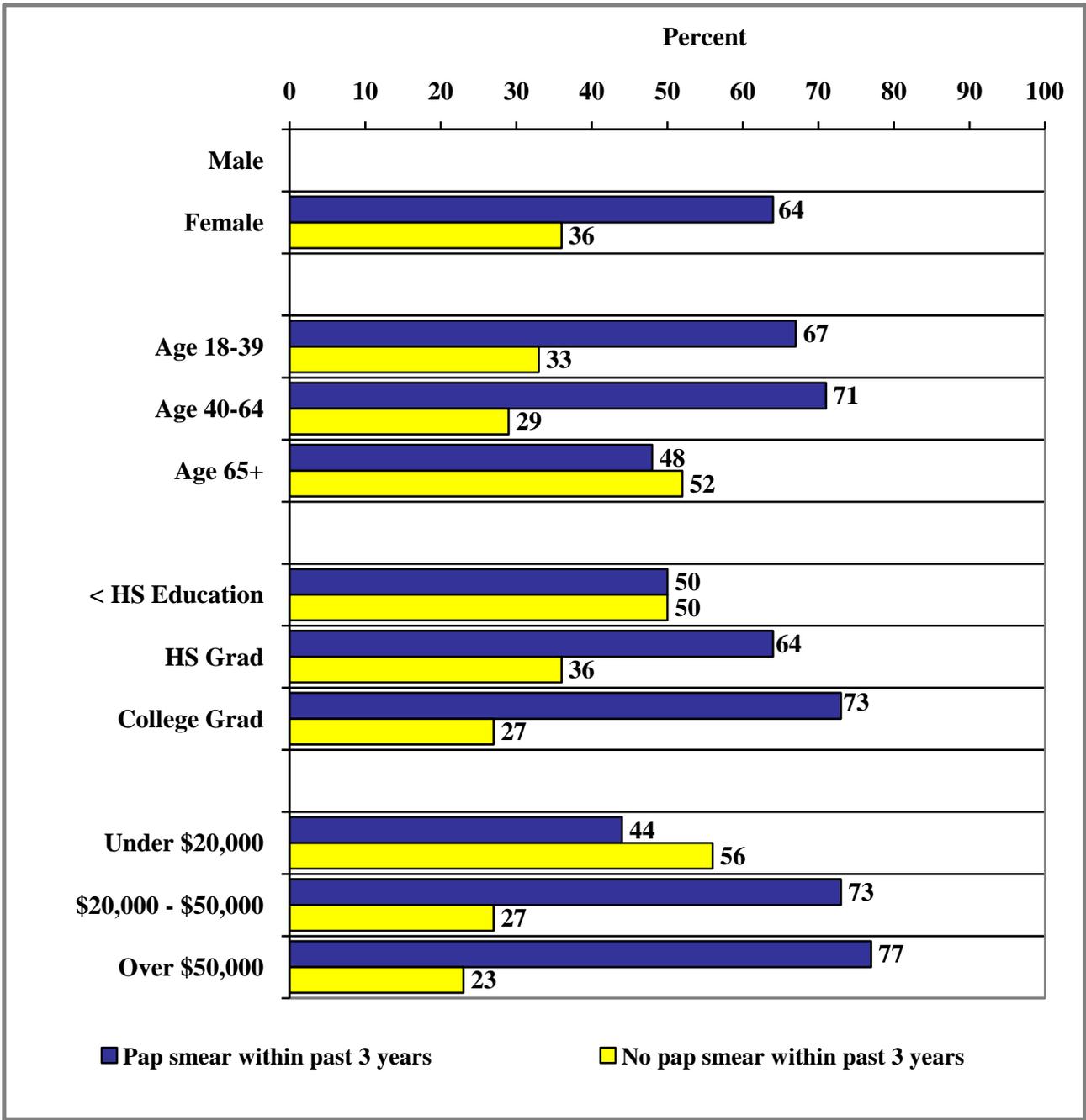
**Figure 9:** Pap smear within the past three years (overall)



Other Women's Health Screening (continued)

Questions: 1. Have you ever had a Pap smear? 2. How long has it been since your last Pap smear?

Figure 10: Pap smear within the past three years (by selected characteristics)

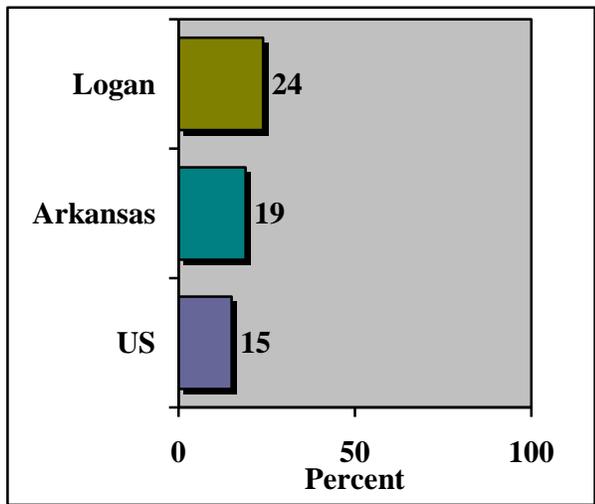


**Appendix A**

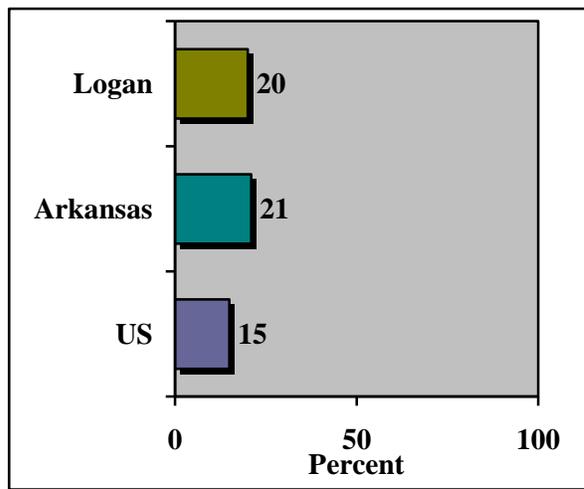
**2011 Logan County  
Comparison with State and national BRFSS**

**Logan County**  
 2011 County Adult Health Survey  
 Comparison with State and national BRFSS

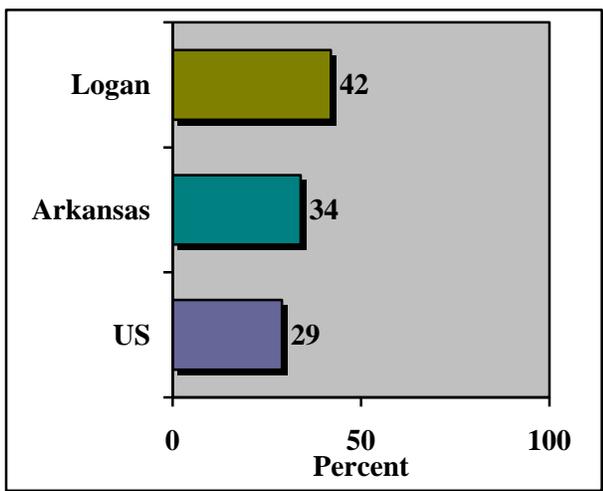
**General health “fair” or “poor”**



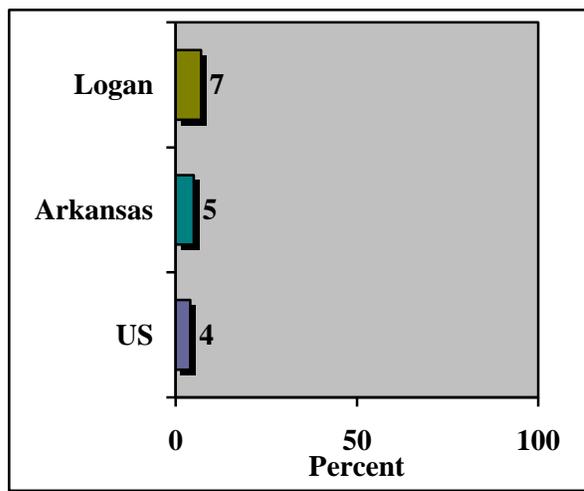
**No health care coverage**



**Have high blood pressure**



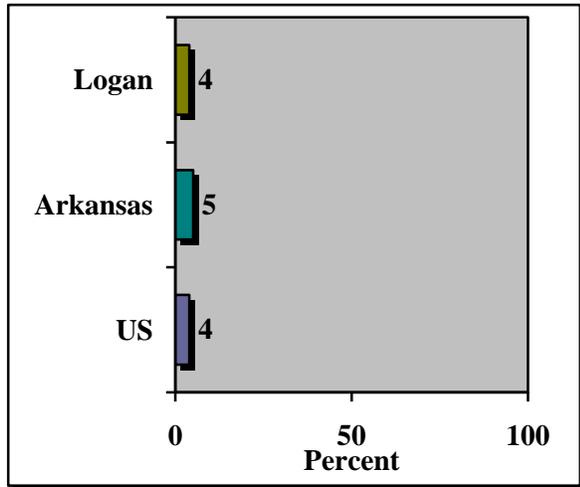
**Have had a myocardial infarction**



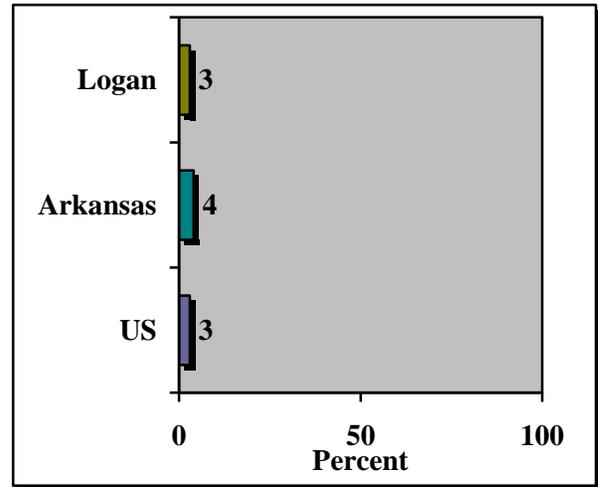
Sources: 2011 Logan County data obtained from County Adult Health survey. Arkansas and national data obtained from most recent BRFSS data (2009 & 2010).

**Logan County**  
 2011 County Adult Health Survey  
 Comparison with State and national BRFSS

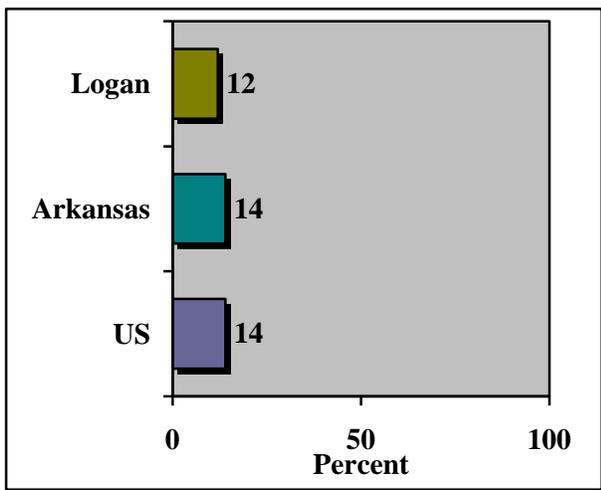
**Have had angina or CHD**



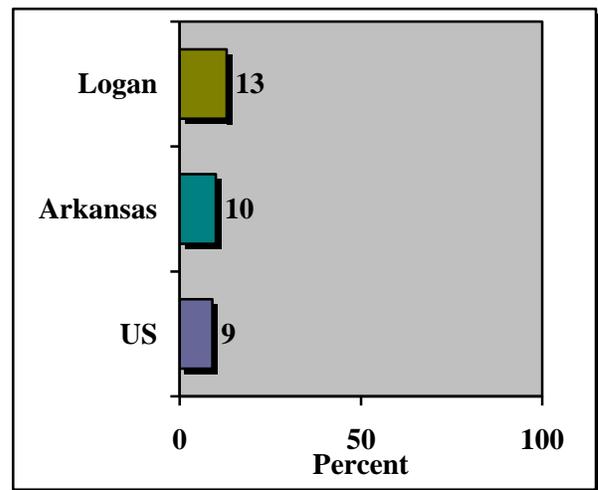
**Have had a stroke**



**Have had asthma**



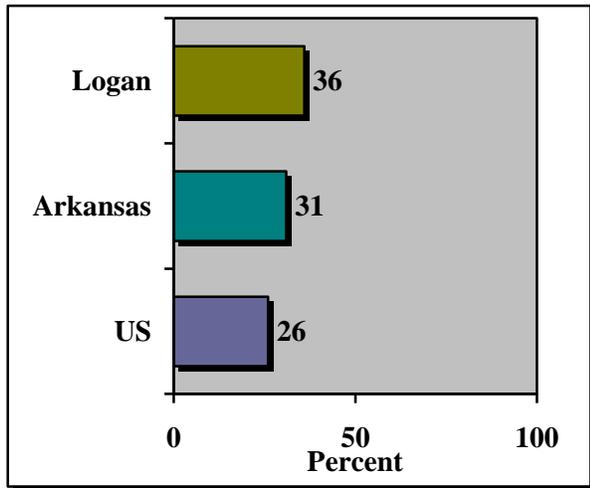
**Have diabetes**



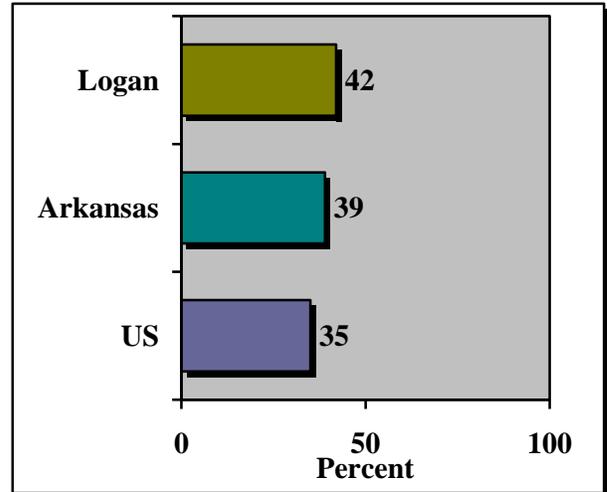
Sources: 2011 Logan County data obtained from County Adult Health survey. Arkansas and national data obtained from most recent BRFSS data (2009 & 2010).

**Logan County**  
 2011 County Adult Health Survey  
 Comparison with State and national BRFSS

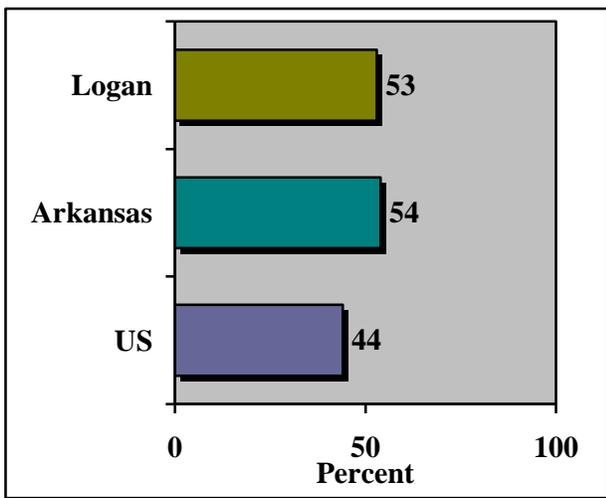
**Have arthritis**



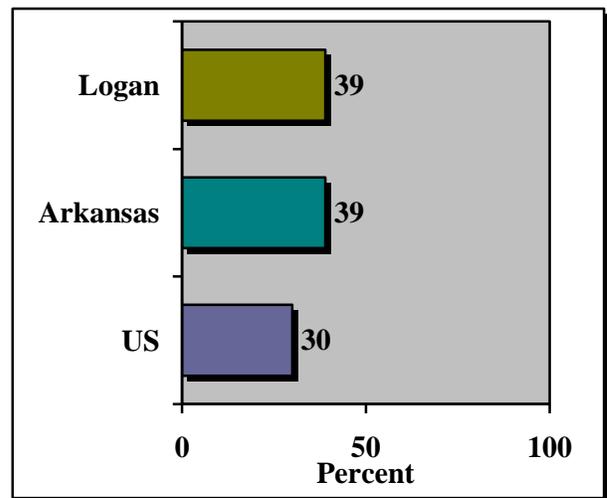
**Over 50 years and not screened for colorectal cancer**



**Permanent teeth extraction**



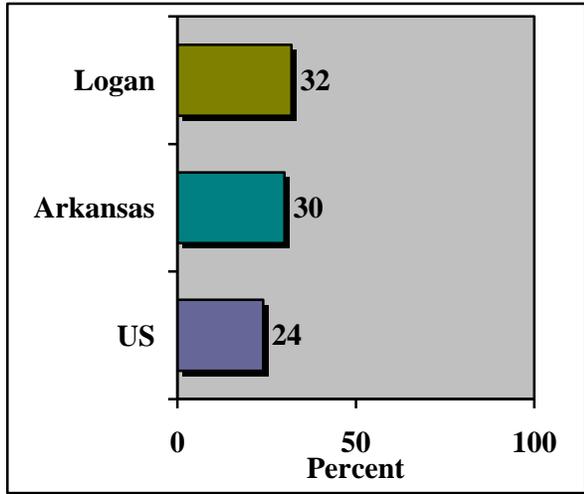
**Last dental visit one year or more ago**



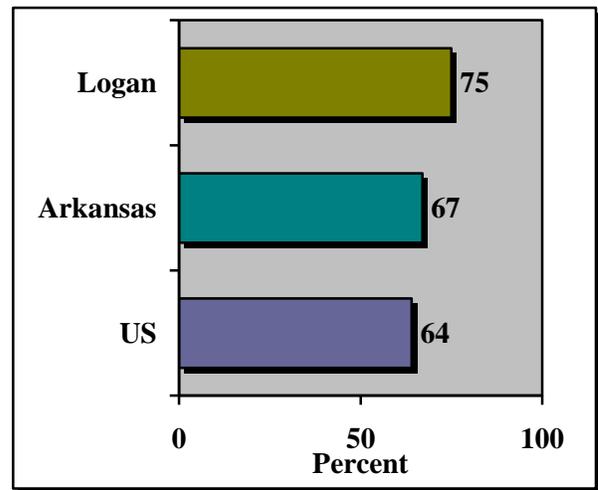
Sources: 2011 Logan County data obtained from County Adult Health survey. Arkansas and national data obtained from most recent BRFSS data (2009 & 2010).

**Logan County**  
 2011 County Adult Health Survey  
 Comparison with State and national BRFSS

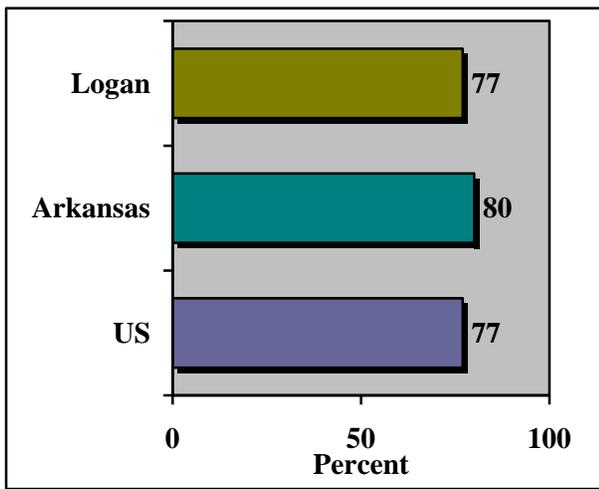
**No regular physical activity**



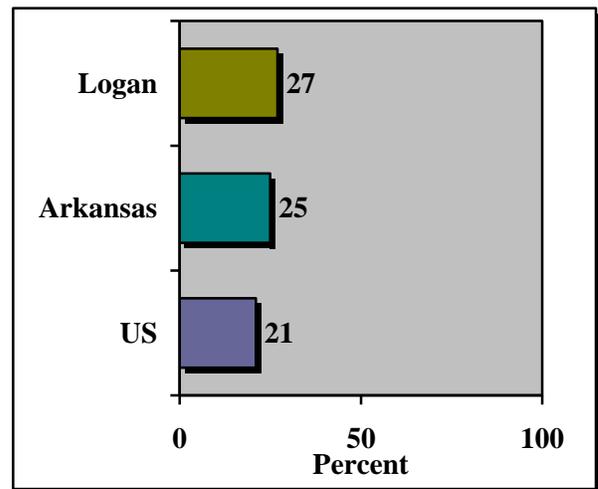
**Overweight or obese**



**Fewer than five fruits and vegetables per day**



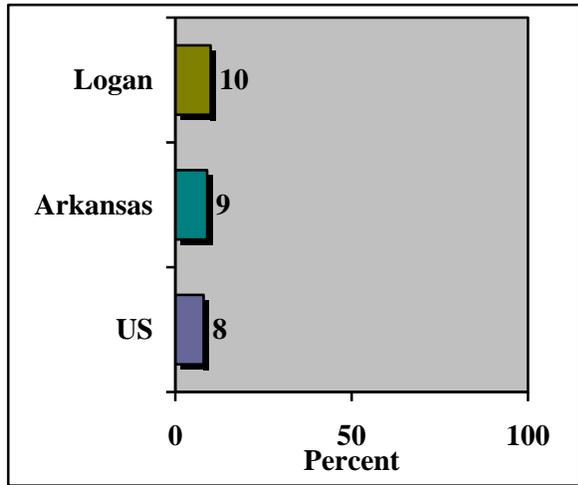
**Limitations due to physical, mental, or emotional problems**



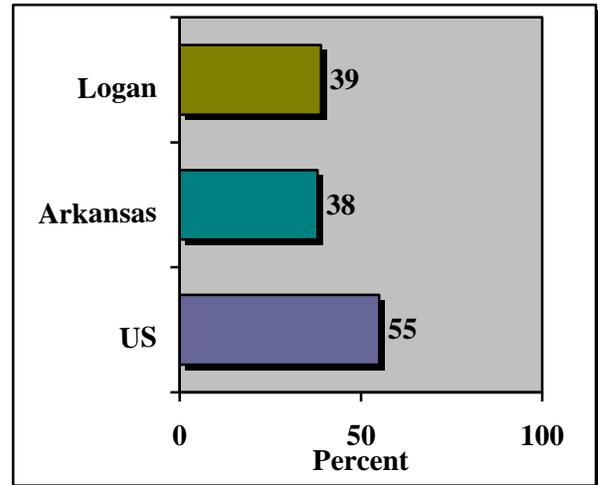
Sources: 2011 Logan County data obtained from County Adult Health survey. Arkansas and national data obtained from most recent BRFSS data (2009 & 2010).

**Logan County**  
 2011 County Adult Health Survey  
 Comparison with State and national BRFSS

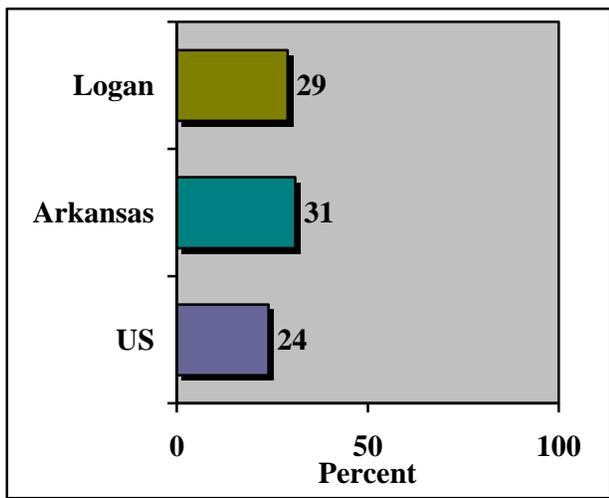
**Use of special equipment**



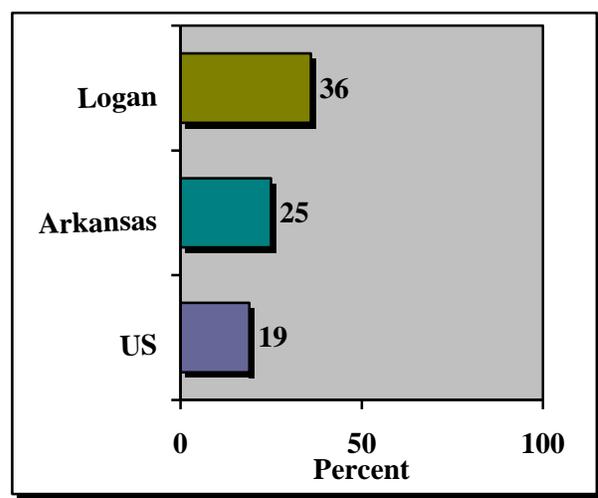
**Had one drink of alcohol**



**Women over 40 years no mammogram in past 2 years**



**No pap smear in past three years**



Sources: 2011 Logan County data obtained from County Adult Health survey. Arkansas and national data obtained from most recent BRFSS data (2009 & 2010).

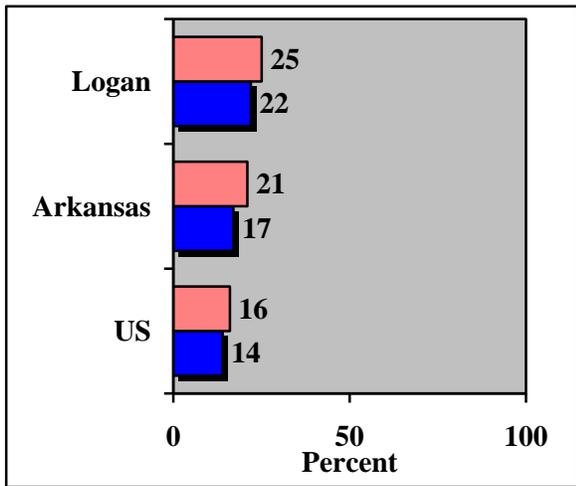
**Appendix B**

**2011 Logan County  
Comparison with State and national BRFSS  
By Gender**

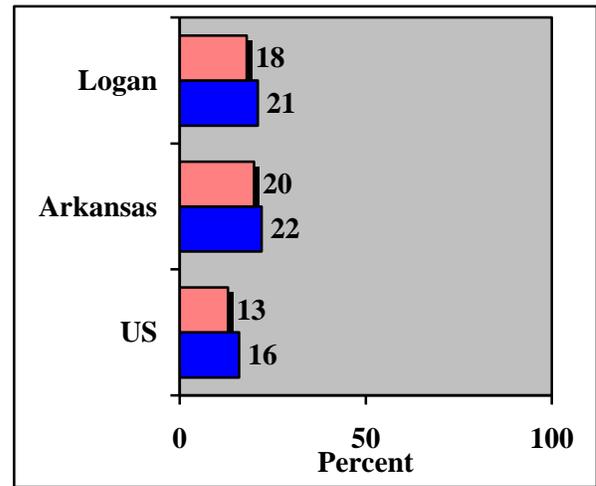
**Logan County**  
 2011 County Adult Health Survey  
 Comparison with State and national BRFSS  
 By gender



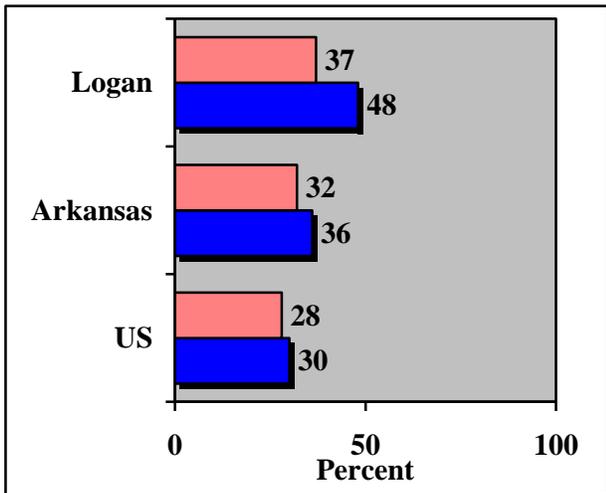
**General health “fair” or “poor”**



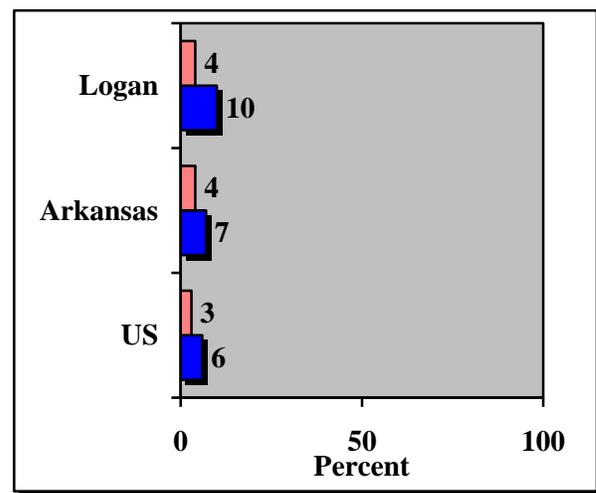
**No health care coverage**



**Have high blood pressure**



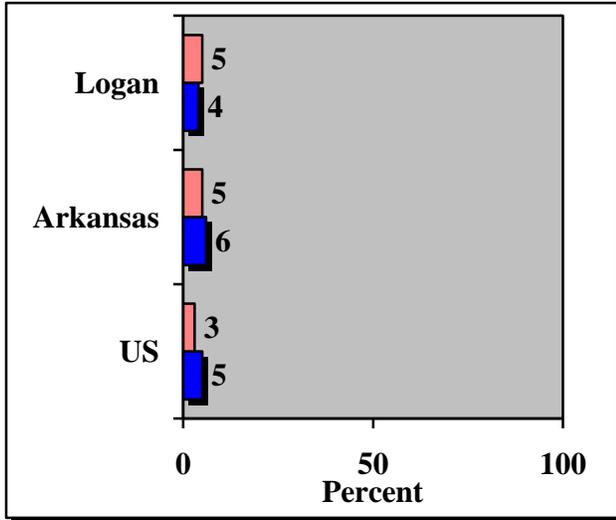
**Have had a myocardial infarction**



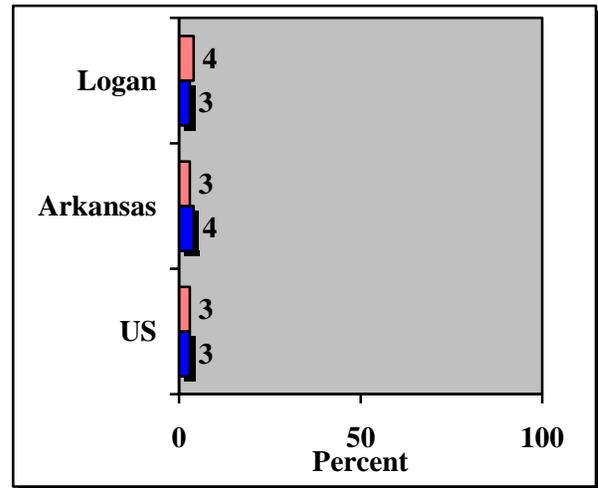
Sources: 2011 Logan County data obtained from County Adult Health survey. Arkansas and national data obtained from most recent BRFSS data (2009 & 2010).

**Logan County**  
 2011 County Adult Health Survey  
 Comparison with State and national BRFSS

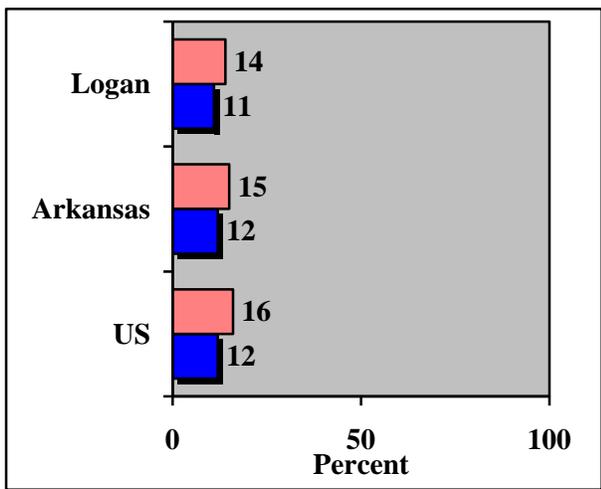
**Have had angina or CHD**



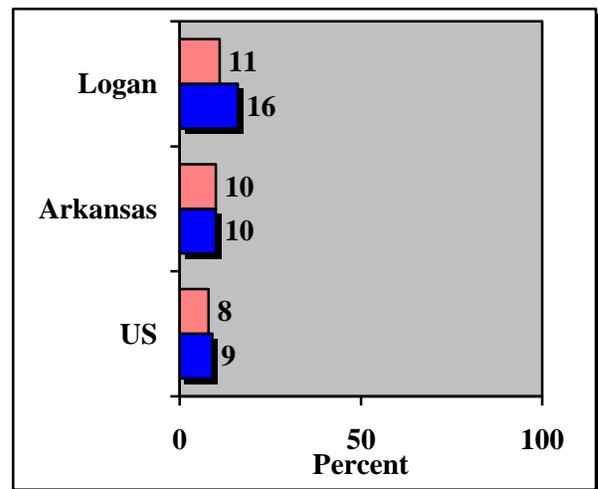
**Have had a stroke**



**Have had asthma**



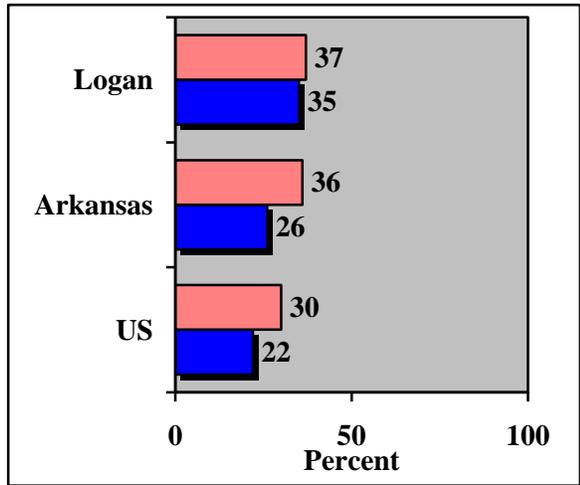
**Have diabetes**



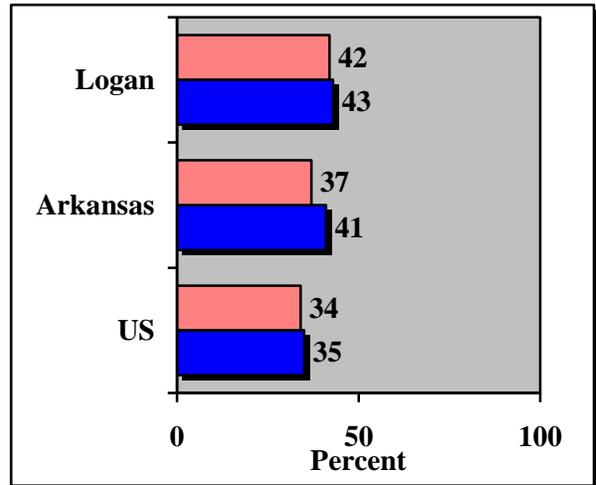
Sources: 2011 Logan County data obtained from County Adult Health survey. Arkansas and national data obtained from most recent BRFSS data (2009 & 2010).

**Logan County**  
 2011 County Adult Health Survey  
 Comparison with State and national BRFSS

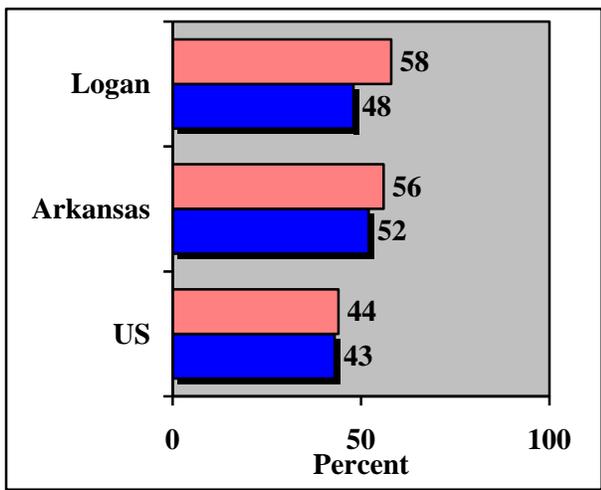
**Have arthritis**



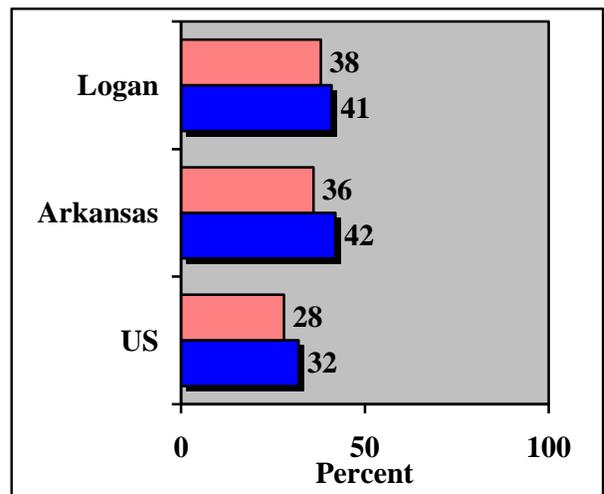
**Over 50 years and not screened for colorectal cancer**



**Permanent teeth extraction**



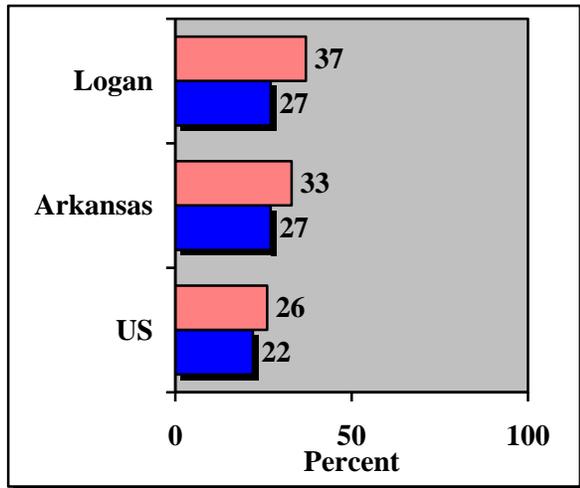
**Last dental visit one year or more ago**



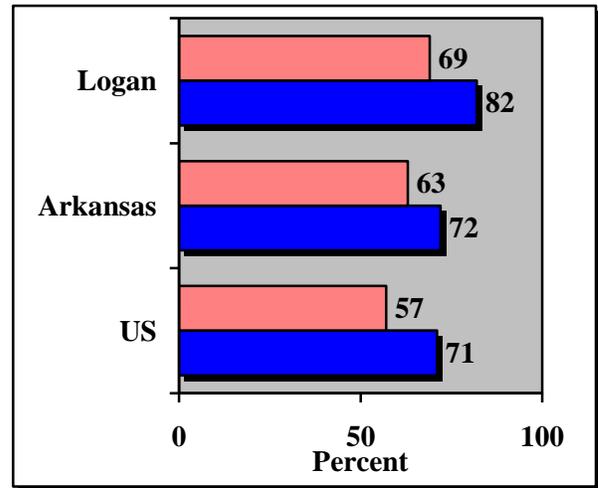
Sources: 2011 Logan County data obtained from County Adult Health survey. Arkansas and national data obtained from most recent BRFSS data (2009 & 2010).

**Logan County**  
 2011 County Adult Health Survey  
 Comparison with State and national BRFSS

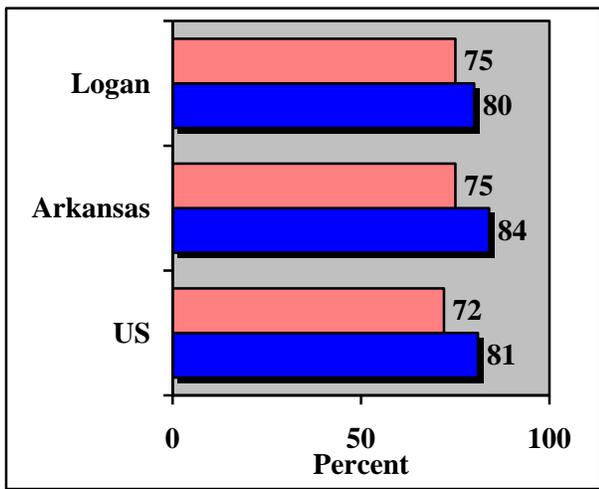
**No regular physical activity**



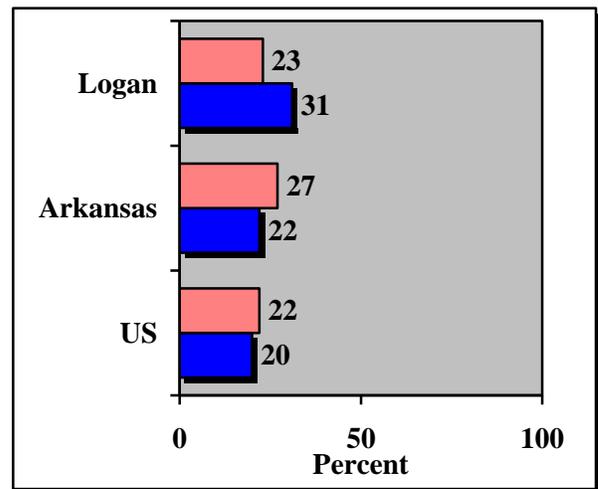
**Overweight or obese**



**Fewer than five fruits and vegetables per day**



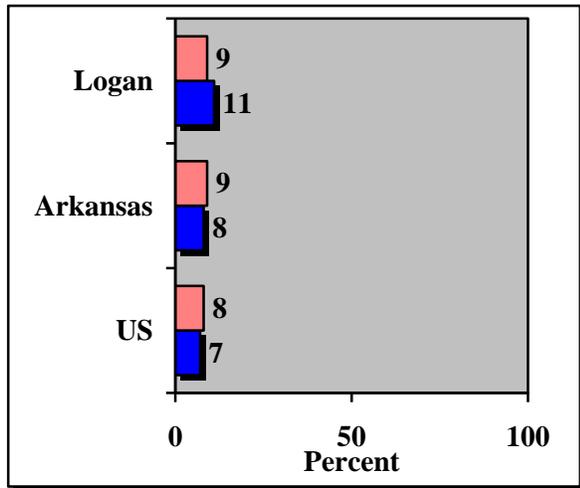
**Limitations due to physical, mental, or emotional problems**



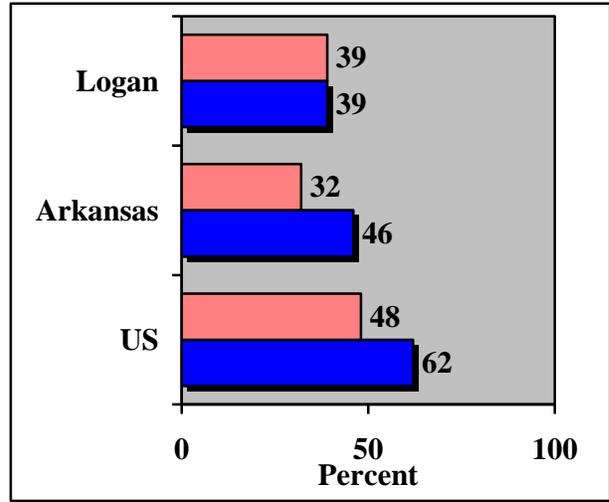
Sources: 2011 Logan County data obtained from County Adult Health survey. Arkansas and national data obtained from most recent BRFSS data (2009 & 2010).

**Logan County**  
2011 County Adult Health Survey  
Comparison with State and national BRFSS

**Use of special equipment**



**Had one drink of alcohol**



Sources: 2011 Logan County data obtained from County Adult Health survey. Arkansas and national data obtained from most recent BRFSS data (2009 & 2010).

# **Appendix C**

## **2011 Logan County Confidence Intervals**

## How to interpret Logan County 2011 County Adult Health Survey results

### Confidence Intervals

The prevalence rates shown in this report were calculated from a sample of the Logan County population. To control for the uncertainty in using sample data, 95% confidence intervals (CI) were calculated for each prevalence estimate. This value indicates that users of the data can be 95% confident that the prevalence rate for the true population falls within the calculated range. Small confidence intervals indicate more precise estimates of the true population rates, and large confidence intervals indicate less precise estimates.

For example, the table below shows the number of adults in Apple County that currently chew tobacco. The confidence interval is 11.1 to 13.5; 1 percentage point below and 1 percentage point above the prevalence of 12.4%. This suggests that there is a 95% chance that the prevalence estimate for the true or total population falls within 11.1 and 13.5 and close to the estimate of 12.4%.

	<b>Current use of chew tobacco</b>
<b>Percent (%)</b>	12.40
<b>Confidence Limits</b>	(11.1-13.5)
<b>Frequency(n)</b>	630

**Logan County  
2011 County Adult Health Survey**

<b>Gender</b>				
<b>SEX</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Male</b>	341	49.2013	43.9032	54.4994
<b>Female</b>	540	50.7987	45.5006	56.0968
<b>Total</b>	881	100		

<b>How would you describe your general health</b>				
<b>_genhlth</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Fair, Poor</b>	267	23.5781	19.5903	27.5659
<b>Excellent, Very Good, Good</b>	610	76.4219	72.4341	80.4097
<b>Total</b>	877	100		
<b>Frequency Missing = 4</b>				

<b>Physical health NOT good in past month</b>				
<b>_physhlth</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Physical health not good one day or more</b>	382	42.8618	37.4604	48.2632
<b>Physical health good</b>	476	57.1382	51.7368	62.5396
<b>Total</b>	858	100		
<b>Frequency Missing = 23</b>				

<b>Mental health NOT good in past month</b>				
<b>_menthlth</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Mental health not good one day or more</b>	252	32.9288	27.8873	37.9702
<b>Mental health good</b>	592	67.0712	62.0298	72.1127
<b>Total</b>	844	100		
<b>Frequency Missing = 37</b>				

<b>Have health insurance</b>				
<b>_hlthplan</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>No health insurance</b>	92	19.5215	14.392	24.651
<b>Have health insurance</b>	764	80.4785	75.349	85.608
<b>Total</b>	856	100		
<b>Frequency Missing = 25</b>				

<b>Any time in past year without health coverage</b>				
<b>_nocov</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>No health coverage IPY</b>	727	93.2285	90.3024	96.1545
<b>Yes health coverage IPY</b>	36	6.7715	3.8455	9.6976
<b>Total</b>	763	100		
<b>Frequency Missing = 118</b>				

<b>Do you have a personal doctor</b>				
<b>_persdoc2</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>No personal dr.</b>	121	22.1114	17.0175	27.2053
<b>Yes, have personal dr.</b>	739	77.8886	72.7947	82.9825
<b>Total</b>	860	100		
<b>Frequency Missing = 21</b>				

<b>Any time in past year no doctor visit due to cost</b>				
<b>_medcost</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>No dr. visit IPY because of cost</b>	108	18.2202	13.5262	22.9142
<b>No barrier of cost to see dr. IPY</b>	752	81.7798	77.0858	86.4738
<b>Total</b>	860	100		
<b>Frequency Missing = 21</b>				

<b>Besides work-related activity, any physical activity in past month</b>				
<b>_exerany</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>No regular physical activity</b>	346	32.0002	27.4125	36.588
<b>Regular physical activity</b>	514	67.9998	63.412	72.5875
<b>Total</b>	860	100		
<b>Frequency Missing = 21</b>				

<b>Told blood pressure high</b>				
<b>_bphigh21</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Have high blood pressure</b>	444	42.1827	37.0906	47.2748
<b>No high blood pressure</b>	417	57.8173	52.7252	62.9094
<b>Total</b>	861	100		
<b>Frequency Missing = 20</b>				

<b>Take medication for hbp</b>				
<b>_bpmeds</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Yes, take hbp medication</b>	60	27.8126	19.5572	36.0679
<b>No, do not take hbp medication</b>	383	72.1874	63.9321	80.4428
<b>Total</b>	443	100		
<b>Frequency Missing = 438</b>				

<b>Ever had blood cholesterol checked in lifetime</b>				
<b>_bloodcholife</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Never had blood cholesterol checked in lifetime</b>	120	26.8488	21.1879	32.5096
<b>Yes, had blood cholesterol checked in lifetime</b>	726	73.1512	67.4904	78.8121
<b>Total</b>	846	100		
<b>Frequency Missing = 35</b>				

<b>How long since blood cholesterol checked</b>				
<b>_bloodcho</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Blood cholesterol not checked in past five years</b>	146	30.1539	24.3989	35.9088
<b>Blood cholesterol checked in past five years</b>	696	69.8461	64.0912	75.6011
<b>Total</b>	842	100		
<b>Frequency Missing = 39</b>				

<b>Told cholesterol level high</b>				
<b>_toldhi</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>High blood cholesterol</b>	353	42.3488	37.05	47.6477
<b>Blood cholesterol not high</b>	373	57.6512	52.3523	62.95
<b>Total</b>	726	100		
<b>Frequency Missing = 155</b>				

<b>Told by doctor have asthma</b>				
<b>_asthma</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Ever had asthma</b>	106	12.4618	8.5499	16.3737
<b>No asthma</b>	754	87.5382	83.6263	91.4501
<b>Total</b>	860	100		
<b>Frequency Missing = 21</b>				

<b>Told by doctor currently have asthma</b>				
<b>_asthnow</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Yes, have asthma now</b>	79	78.1799	66.6413	89.7185
<b>No asthma now</b>	25	21.8201	10.2815	33.3587
<b>Total</b>	104	100		
<b>Frequency Missing = 777</b>				

<b>Told by doctor have diabetes</b>				
<b>_diab</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Ever had diabetes</b>	153	13.3472	10.6819	16.0125
<b>No diabetes</b>	707	86.6528	83.9875	89.3181
<b>Total</b>	860	100		
<b>Frequency Missing = 21</b>				

<b>Joint pain, aching, stiffness in past 30 days</b>				
<b>_pain30dy</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Have had pain in past 30 days</b>	484	52.7116	47.3478	58.0754
<b>No pain in past 30 days</b>	374	47.2884	41.9246	52.6522
<b>Total</b>	858	100		
<b>Frequency Missing = 23</b>				

<b>Table of _jointly</b>				
<b>_jointly</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Pain occurred more than 3 months ago</b>	421	82.171	74.6871	89.6548
<b>Pain occurred less than 3 months ago</b>	59	17.829	10.3452	25.3129
<b>Total</b>	480	100		
<b>Frequency Missing = 401</b>				

<b>Have seen a doctor for joint symptoms</b>				
<b>_jointrt</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Have not seen a doctor for joint symptoms</b>	118	36.4607	28.8616	44.0597
<b>Have seen a doctor for joint symptoms</b>	303	63.5393	55.9403	71.1384
<b>Total</b>	421	100		
<b>Frequency Missing = 460</b>				

<b>Have been diagnosed with a form of arthritis</b>				
<b>_havarth2</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Ever had arthritis</b>	402	35.9851	31.1471	40.8231
<b>No arthritis</b>	453	64.0149	59.1769	68.8529
<b>Total</b>	855	100		
<b>Frequency Missing = 26</b>				

<b>Limited in usual activities because of arthritis</b>				
<b>_lmtjoin2</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Have activity limitations</b>	196	46.9313	39.2717	54.5909
<b>No activity limitations</b>	203	53.0687	45.4091	60.7283
<b>Total</b>	399	100		
<b>Frequency Missing = 482</b>				

<b>Had flu vaccine during the past 12 months</b>				
<b>_flushot</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>No influenza vaccine</b>	348	53.2721	47.989	58.5552
<b>Had influenza vaccine</b>	509	46.7279	41.4448	52.011
<b>Total</b>	857	100		
<b>Frequency Missing = 24</b>				

<b>Had pneumococcal vaccine in lifetime</b>				
<b>_pneuvac3</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>No pneumonia vaccine</b>	487	70.6798	66.336	75.0236
<b>Pneumonia vaccine</b>	332	29.3202	24.9764	33.664
<b>Total</b>	819	100		
<b>Frequency Missing = 62</b>				

<b>Smoked 100 cigarettes in lifetime</b>				
<b>_smoke100</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Smoked 100 cigarettes in lifetime</b>	439	51.5772	46.2199	56.9344
<b>Have not smoked 100 cigarettes in lifetime</b>	415	48.4228	43.0656	53.7801
<b>Total</b>	854	100		
<b>Frequency Missing = 27</b>				

<b>Smokes cigarettes everyday or somedays</b>				
<b>_currentsmoker</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>current smoker</b>	174	27.6245	21.9789	33.27
<b>not a current smoker (former and never smoked)</b>	680	72.3755	66.73	78.0211
<b>Total</b>	854	100		
<b>Frequency Missing = 27</b>				

<b>Tried to stop smoking in past 12 months</b>				
<b>_stopsmk</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Not tried smoking cessation</b>	80	35.3664	23.8741	46.8586
<b>Tried smoking cessation</b>	93	64.6336	53.1414	76.1259
<b>Total</b>	173	100		
<b>Frequency Missing = 708</b>				

<b>Had an alcoholic drink during the last 30 days</b>				
<b>drink</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Had a drink of alcohol in past 30 days</b>	273	38.9304	33.4255	44.4354
<b>No alcoholic drink in past 30 days</b>	582	61.0696	55.5646	66.5745
<b>Total</b>	855	100		
<b>Frequency Missing = 26</b>				

<b>Binge drinking in last 30 days, 5 or men and 4 for women</b>				
<b>_bngdrnk</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Binge drinking in past 30 days (5men,4women)</b>	71	33.2988	23.3452	43.2523
<b>No binge drinking in past 30 days</b>	199	66.7012	56.7477	76.6548
<b>Total</b>	270	100		
<b>Frequency Missing = 611</b>				

<b>Age Groups</b>				
<b>_agegr</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Age 18-39</b>	84	33.0072	26.632	39.3824
<b>Age 40-64</b>	401	45.0305	39.8912	50.1698
<b>Age 65+</b>	365	21.9623	18.9398	24.9848
<b>Total</b>	850	100		
<b>Frequency Missing = 31</b>				

<b>Educational attainment</b>				
<b>_educa</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>&lt; HS Education</b>	142	12.8873	9.9384	15.8362
<b>HS Grad</b>	575	70.9099	66.3779	75.442
<b>College Grad</b>	138	16.2028	12.4322	19.9733
<b>Total</b>	855	100		
<b>Frequency Missing = 26</b>				

<b>Income level</b>				
<b>_income</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Under \$20,000</b>	245	27.2577	21.8519	32.6636
<b>\$20,000 - \$50,000</b>	316	44.3117	38.6193	50.0042
<b>Over \$50,000</b>	168	28.4306	23.35	33.5111
<b>Total</b>	729	100		
<b>Frequency Missing = 152</b>				

<b>Gender</b>				
<b>SEX</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Male</b>	341	49.2013	43.9032	54.4994
<b>Female</b>	540	50.7987	45.5006	56.0968
<b>Total</b>	881	100		

<b>Overweight or Obese, BMI &gt;25</b>				
<b>_overwt</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Overweight or obese BMI &gt; 25</b>	592	75.4522	71.4755	79.429
<b>Not overweight or obese BMI &lt; 25</b>	255	24.5478	20.571	28.5245
<b>Total</b>	847	100		
<b>Frequency Missing = 34</b>				

<b>Had mammogram in past 2 years</b>				
<b>_hadmam</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>No breast cancer screening within the past 2 years</b>	131	29.3353	24.1368	34.5339
<b>Breast cancer screening within past 2 years</b>	330	70.6647	65.4661	75.8632
<b>Total</b>	461	100		
<b>Frequency Missing = 420</b>				

<b>Had pap smear in past 3 years</b>				
<b>_hadpap</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>No pap smear within the past 3 years</b>	209	35.8397	28.3503	43.3291
<b>Pap smear within the past 3 years</b>	299	64.1603	56.6709	71.6497
<b>Total</b>	508	100		
<b>Frequency Missing = 373</b>				

<b>Difficult to pay for cost of mammogram</b>				
<b>r_diffpay</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Difficult to pay</b>	141	84.1653	77.9623	90.3684
<b>Not difficult to pay</b>	45	15.8347	9.6316	22.0377
<b>Total</b>	186	100		
<b>Frequency Missing = 695</b>				

<b>Awareness of free/low cost breast exams and mammograms</b>				
<b>_freexam</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Not aware of free exams</b>	266	51.5634	44.2694	58.8574
<b>Aware of free exams</b>	249	48.4366	41.1426	55.7306
<b>Total</b>	515	100		
<b>Frequency Missing = 366</b>				

<b>Noticed mammogram advertisements</b>				
<b>_mammad</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Have not noticed mammogram advertisements</b>	256	50.7765	43.4946	58.0583
<b>Noticed mammogram advertisements</b>	252	49.2235	41.9417	56.5054
<b>Total</b>	508	100		
<b>Frequency Missing = 373</b>				

<b>Limited in activities because of physical, mental, or emotional problems</b>				
<b>_qlactlmt</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Limitations</b>	266	27.0396	22.3808	31.6984
<b>No limitations</b>	574	72.9604	68.3016	77.6192
<b>Total</b>	840	100		
<b>Frequency Missing = 41</b>				

<b>Have health problems that require use of equipment</b>				
<b>_useequip</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Use of special equipment</b>	129	10.411	7.3264	13.4956
<b>No use of special equipment</b>	714	89.589	86.5044	92.6736
<b>Total</b>	843	100		
<b>Frequency Missing = 38</b>				

<b>Rarely or never get needed social or emotional support</b>				
<b>r_support</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Rarely or never get needed social/emotional support</b>	84	8.0822	5.7479	10.4164
<b>Get needed social/emotional support</b>	742	91.9178	89.5836	94.2521
<b>Total</b>	826	100		
<b>Frequency Missing = 55</b>				

<b>Satisfied with your life</b>				
<b>r_life</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Dissatisfied or very dissatisfied with life</b>	51	5.3564	3.2622	7.4506
<b>Very satisfied or satisfied with life</b>	784	94.6436	92.5494	96.7378
<b>Total</b>	835	100		
<b>Frequency Missing = 46</b>				

<b>Ever had prostate cancer screening (Prostate-Specific Antigen-PSA or digital rectal exam)</b>				
<b>_psatest</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Never been screened</b>	213	78.1691	73.0386	83.2996
<b>Have been screened</b>	79	21.8309	16.7004	26.9614
<b>Total</b>	292	100		
<b>Frequency Missing = 589</b>				

<b>Told by doctor had prostate cancer</b>				
<b>_prostate</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Told by Dr. had prostate cancer</b>	19	5.4273	2.7491	8.1056
<b>Never told my Dr. had prostate cancer</b>	278	94.5727	91.8944	97.2509
<b>Total</b>	297	100		
<b>Frequency Missing = 584</b>				

<b>Have family history of prostate cancer</b>				
<b>_proshist</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Have family history of prostate cancer</b>	53	19.0847	13.4983	24.671
<b>No family history of prostate cancer</b>	235	80.9153	75.329	86.5017
<b>Total</b>	288	100		
<b>Frequency Missing = 593</b>				

<b>Ever had colorectal cancer screening (sigmoidoscopy or colonoscopy)</b>				
<b>_hadsigm21</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Never been screened for colorectal cancer</b>	241	42.1616	37.6014	46.7218
<b>Have been screened for colorectal cancer</b>	385	57.8384	53.2782	62.3986
<b>Total</b>	626	100		
<b>Frequency Missing = 255</b>				

<b>Have been tested for HIV in lifetime</b>				
<b>hivtest</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Never been tested for HIV</b>	351	68.4481	61.8557	75.0404
<b>Have been tested for HIV in lifetime</b>	126	31.5519	24.9596	38.1443
<b>Total</b>	477	100		
<b>Frequency Missing = 404</b>				

<b>Was the HIV test a rapid test where results available in a couple hours</b>				
<b>rapidtest</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>No, test was not HIV rapid test</b>	25	85.2602	69.9019	100
<b>Had HIV rapid test</b>	8	14.7398	0	30.0981
<b>Total</b>	33	100		
<b>Frequency Missing = 848</b>				

<b>Engage in risky behaviors that may contribute to HIV</b>				
<b>hivrisk</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Yes, HIV risky behaviors</b>	10	1.5585	0.4805	2.6364
<b>No HIV related risky behaviors</b>	471	98.4415	97.3636	99.5195
<b>Total</b>	481	100		
<b>Frequency Missing = 400</b>				

<b>Table of _rmvteeth</b>				
<b>_rmvteeth</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Permanent teeth extraction</b>	567	52.9175	47.2686	58.5664
<b>No permanent teeth extraction</b>	253	47.0825	41.4336	52.7314
<b>Total</b>	820	100		
<b>Frequency Missing = 61</b>				

<b>Last dental visit more than 1 year ago</b>				
<b>denvisit</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Last dental visit one year or more ago</b>	356	39.4809	34.3055	44.6562
<b>Last dental visit less than one year ago</b>	474	60.5191	55.3438	65.6945
<b>Total</b>	830	100		
<b>Frequency Missing = 51</b>				

<b>Teeth cleaning within last 1 year</b>				
<b>_denclean</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Last dental cleaning one year or more ago</b>	280	40.7091	34.8888	46.5294
<b>Last dental cleaning less than one year ago</b>	397	59.2909	53.4706	65.1112
<b>Total</b>	677	100		
<b>Frequency Missing = 204</b>				

<b>Ever told had a heart attack</b>				
<b>_cvdinfr2</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Have had myocardial infarction</b>	91	7.1798	5.0678	9.2918
<b>No myocardial infarction</b>	737	92.8202	90.7082	94.9322
<b>Total</b>	828	100		
<b>Frequency Missing = 53</b>				

<b>Ever told have angina or coronary heart disease</b>				
<b>_cvdcorhd</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Have had angina or coronary heart disease</b>	62	4.3257	3.0651	5.5863
<b>No angina or coronary heart disease</b>	752	95.6743	94.4137	96.9349
<b>Total</b>	814	100		
<b>Frequency Missing = 67</b>				

<b>Ever told had a stroke</b>				
<b>_cvdstrk2</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Have had a stroke</b>	41	3.3458	2.1553	4.5364
<b>No stroke</b>	788	96.6542	95.4636	97.8447
<b>Total</b>	829	100		
<b>Frequency Missing = 52</b>				

<b>Ate fruits/vegs 5 or more times a day</b>				
<b>_fivaday</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Consume less than 5 times per day</b>	622	77.2892	72.6921	81.8863
<b>Consume 5 or more times per day</b>	208	22.7108	18.1137	27.3079
<b>Total</b>	830	100		
<b>Frequency Missing = 51</b>				

<b>Have you seen doctor, nurse, health care professional for care</b>				
<b>_getcare</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>No, does not see doctor for care</b>	48	29.6323	18.2848	40.9799
<b>Yes, sees doctor for care</b>	139	70.3677	59.0201	81.7152
<b>Total</b>	187	100		
<b>Frequency Missing = 694</b>				

<b>Has a doctor, health professional asked if you smoke in the past year</b>				
<b>_asksmok</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
health professional did not ask if respondent smokes	11	3.6234	1.0606	6.1863
health professional asked if respondent smokes	128	96.3766	93.8137	98.9394
<b>Total</b>	139	100		
<b>Frequency Missing = 742</b>				

<b>Has a doctor, health professional advised you to quit smoking</b>				
<b>_quitsmok</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
health professional did not advise respondent to stop smoking	31	39.8709	23.4985	56.2432
health professional advised respondent to stop smoking	108	60.1291	43.7568	76.5015
<b>Total</b>	139	100		
<b>Frequency Missing = 742</b>				

<b>Allows smoking in home</b>				
<b>_housesmk</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
Allows smoking in home	237	25.6187	21.2586	29.9788
Does not allow smoking in home	592	74.3813	70.0212	78.7414
<b>Total</b>	829	100		
<b>Frequency Missing = 52</b>				

<b>Have you been diagnosed with COPD</b>				
<b>COPD</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
Yes	94	9.8343	6.3061	13.3625
No	734	90.1657	86.6375	93.6939
<b>Total</b>	828	100		
<b>Frequency Missing = 53</b>				

<b>Ever tried smokeless tobacco in lifetime</b>				
<b>_useever</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Ever tried smokeless tobacco</b>	207	34.9471	29.4599	40.4343
<b>Never tried smokeless tobacco</b>	621	65.0529	59.5657	70.5401
<b>Total</b>	828	100		
<b>Frequency Missing = 53</b>				

<b>Currently use smokeless tobacco</b>				
<b>r_usenow2</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Current use of smokeless tobacco</b>	53	23.579	15.2346	31.9233
<b>No current use of smokeless tobacco</b>	154	76.421	68.0767	84.7654
<b>Total</b>	207	100		
<b>Frequency Missing = 674</b>				

<b>Wants to quit smokeless tobacco</b>				
<b>stopchew</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Does not want to quit smokeless tobacco</b>	25	54.7325	34.7613	74.7037
<b>Wants to quit using smokeless tobacco</b>	26	45.2675	25.2963	65.2387
<b>Total</b>	51	100		
<b>Frequency Missing = 830</b>				

<b>Has tried to stop chewing tobacco</b>				
<b>quitchew</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Has not tried to stop smokeless tobacco use</b>	29	45.1106	25.7406	64.4807
<b>Has tried to stop using smokeless tobacco</b>	24	54.8894	35.5193	74.2594
<b>Total</b>	53	100		
<b>Frequency Missing = 828</b>				

<b>Ever smoked a cigar in lifetime</b>				
<b>_cigar2</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Ever tried cigar</b>	356	52.0766	46.6301	57.523
<b>Never tried cigar</b>	468	47.9234	42.477	53.3699
<b>Total</b>	824	100		
<b>Frequency Missing = 57</b>				

<b>Currently smokes cigars</b>				
<b>_cigar2now</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Current use of cigars</b>	30	14.4686	7.2482	21.689
<b>No current use of cigars</b>	326	85.5314	78.311	92.7518
<b>Total</b>	356	100		
<b>Frequency Missing = 525</b>				

<b>Currently uses pipes, bidis, or clove cigarettes</b>				
<b>pipbid</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Uses pipes, bidis, or clove cigarettes</b>	6	0.5968	0.0892	1.1044
<b>Does not use pipes, bidis, or clove cigarettes</b>	821	99.4032	98.8956	99.9108
<b>Total</b>	827	100		
<b>Frequency Missing = 54</b>				

<b>Been in car with someone smoking in past 7 days</b>				
<b>_carsmok</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Has been in car with a smoker in past 7 days</b>	164	27.13	21.4579	32.8021
<b>Has not been in car with a smoker in past 7 days</b>	662	72.87	67.1979	78.5421
<b>Total</b>	826	100		
<b>Frequency Missing = 55</b>				

<b>Works indoors most of the time</b>				
<b>_worksmok</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Does not work indoors most of time</b>	71	24.031	17.0181	31.0439
<b>Work indoors most of time</b>	256	75.969	68.9561	82.9819
<b>Total</b>	327	100		
<b>Frequency Missing = 554</b>				

<b>Works in an area where someone smokes</b>				
<b>_worksmoking</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Yes, someone smokes in work area</b>	17	10.3851	1.6033	19.1668
<b>No one smokes in work area</b>	239	89.6149	80.8332	98.3967
<b>Total</b>	256	100		
<b>Frequency Missing = 625</b>				

<b>Supports comprehensive smoking laws</b>				
<b>_comlaw</b>	<b>Frequency</b>	<b>Percent</b>	<b>95% Confidence Limits for Percent</b>	
<b>Does not support a comprehensive smoking law</b>	294	40.2014	34.4722	45.9306
<b>Supports a comprehensive smoking law</b>	507	59.7986	54.0694	65.5278
<b>Total</b>	801	100		
<b>Frequency Missing = 80</b>				

**Appendix D**

**2011 County Adult Health Survey  
Questions**

## County Adult Health Survey Questions

The following questions were administered as part of the Hometown Health County Adult Health Survey. The interviews were conducted by telephone. Interested parties can obtain a complete copy of the script used to conduct the interview from their local Hometown Health leaders.

### **Core 1: Health Status**

1. Would you say that in general your health is excellent, very good, good, fair, or poor?

### **Core 2: Healthy Days**

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?
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?
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?

### **Core 3: Healthcare Access**

1. Do you have any kind of health care coverage, including health insurance, pre-paid plans such as HMO's, or government plans such as Medicare?
2. During the past 12 months, was there any time that you did not have any health insurance or coverage?
3. Do you have one person you think of as your personal doctor or health care provider?
4. Was there a time in the past 12 months when you needed to see a doctor but could not because of cost?

### **Core 4: Exercise**

1. During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics (cal i STEN iks), golf, gardening, or walking for exercise?

### **Core 5: Hypertension Awareness**

1. Have you ever been told by a doctor, nurse, or other health professional that you have high blood pressure?
2. Are you currently taking medicine for your high blood pressure?

### **Core 6: Cholesterol Awareness**

1. Blood cholesterol is a fatty substance found in the blood. Have you ever had your blood cholesterol checked?
2. About how long has it been since you last had your blood cholesterol checked?
3. Have you ever been told by a doctor, nurse, or other health professional that your blood cholesterol is high?

### **Core 7: Asthma**

1. Have you ever been told by a doctor, nurse, or other health professional that you had asthma?
2. Do you still have asthma?

### **Core 8: Diabetes**

1. Have you ever been told by a doctor that you have diabetes?

### **Core 9: Arthritis**

1. During the past 30 days, have you had symptoms of pain, aching, or stiffness in or around a joint?
2. Did your joint symptoms first begin more than 3 months ago?
3. Have you ever seen a doctor or other health professional for these joint symptoms?
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?
5. Are you now limited in any way or in any of your usual activities because of arthritis or joint symptoms?

### **Core 10: Immunization**

1. During the past 12 months, have you had a flu shot?
2. Have you ever had a pneumonia shot? This shot is given only once or twice in a person's lifetime and is different from the flu shot. It is also called the pneumococcal vaccine.

### **Core 11: Tobacco Use**

1. Have you smoked at least 100 cigarettes in your entire life?
2. Do you now smoke cigarettes every day, some days, or not at all?
3. During the past 12 months have you stopped smoking for one day or longer because you were trying to quit smoking?

### **Core 12: Alcohol Use**

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?
2. One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor. During the past 30 days, on the days when you drank, about how many drinks did you drink on the average?
3. Considering all types of alcoholic beverages, how many times during the past 30 days did you have 5 or more drinks on an occasion?

### **Core 13: Demographics**

1. What is your age?
2. Are you Hispanic or Latino?
3. Which one or more of the following would you say is your race?
4. Which one of these groups would you say best represents your race?
5. 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?
6. Marital status?
7. How many children less than 18 years of age live in your household?

8. What is the highest grade or year of school you completed?
9. Are you currently (employment status)?
10. Is your annual household income from all sources?
11. About how much do you weigh without shoes?
12. About how tall are you without shoes?
13. What county do you live in?
14. What is your ZIP Code?
15. 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.
16. How many of these are residential numbers?
17. How many adult members of your household currently use a cell phone for any purpose?
18. During the past 12 months, has your household been without telephone service for 1 week or more? Do not include interruptions of telephone service because of weather disasters?
19. And I need to verify that you are (male/female).

#### **Arkansas CAHS Module 1: Women's Health**

1. The next questions concern women's health. What types of things can women do to help in the early detection of breast cancer?
2. Is there anything else women can do to help in the early detection of breast cancer?
3. A mammogram is an x-ray of each breast to look for breast cancer.
4. Have you ever had a mammogram?
5. What is the most important reason why you haven't had a mammogram?
6. Are there any other reasons why you haven't had a mammogram?
7. How long has it been since you had your last mammogram?
8. What is the most important reason why you haven't had a mammogram in the past two years?
9. Are there any other reasons why you haven't had a mammogram in the past two years?
10. Was your last mammogram done as part of a routine checkup, because of a breast problem other than cancer, or because you've already had breast cancer?
11. In the past month, have you noticed any posters, billboards, commercials, or advertisements with a message about having a mammogram test?
12. Are you aware that "BreastCare" is a program of the local health department, offers free breast exams and mammograms to women age 40 and older?
13. How often do you believe women your age should get a mammogram?

14. Did a doctor suggest that you have your most recent mammogram?
15. Have you ever had breast cancer?
16. Do you think your risk of getting breast cancer is high, medium, low, or none?
17. If you wanted to have a mammogram, would you have to pay for all, part, or none of the cost?
18. How difficult would it be for you to pay for the cost of the mammogram test? Would you say very difficult, somewhat difficult, a little difficult, or not at all difficult?
19. A clinical breast exam is when a doctor, nurse, or other health professional feels the breast for lumps. Have you ever had a clinical breast exam?
20. How long has it been since your last breast exam?
21. Was your last breast exam done as part of a routine checkup, because of a breast problem other than cancer, or because you have already had breast cancer?
22. A Pap smear is a test for cancer of the cervix. Have you ever had a Pap smear?
23. How long has it been since you had your last Pap smear?
24. Was your last Pap smear done as part of a routine exam, or to check a current or previous problem?
25. Have you had a hysterectomy?

#### **Core 14: Disability**

1. Are you limited in any way in any activities because of physical, mental, or emotional problems?
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?

#### **Core 15: Emotional Support & Life Satisfaction**

1. How often do you get the social and emotional support you need?
2. In general, how satisfied are you with your life?

#### **Core 16: Physical Activity**

1. When you are at work, which of the following best describes what you do? Would you say: ...
2. Now, thinking about the moderate physical activities you do when you are not working, 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 small increases in breathing or heart rate?
3. How many days per week do you do these moderate activities for at least 10 minutes at a time?
4. On days when you do moderate activities for at least 10 minutes at a time, how much total time per day do you spend doing these activities?
5. Now thinking about the vigorous physical activities you do when you are not working, 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?
6. How many days per week do you do these vigorous activities for at least 10 minutes at a time?

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?

### **Core 17: Prostate Cancer Screening**

1. A Prostate-Specific Antigen test, also called a PSA test, is a blood test used to check men for prostate cancer. Have you ever had a PSA test?
2. How long has it been since you had your last PSA test?
3. A digital rectal exam is an exam in which a doctor, nurse, or other health professional places a gloved finger into the rectum to feel the size, shape, and hardness of the prostate gland. Have you ever had a digital rectal exam?
4. How long has it been since your last digital rectal exam?
5. Have you ever been told by a doctor, nurse, or other health professional that you had prostate cancer?
6. Has your father, brother, son, or grandfather ever been told by a doctor, nurse, or health professional that he had prostate cancer?

### **Core 18: Colorectal Cancer Screening**

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?
2. How long has it been since you had your last blood stool test using a home kit?
3. Sigmoidoscopy (sig-moyd-OS-kopee) or colonoscopy (kolon-OS-kopee) are exams in which a tube is inserted in the rectum to view the bowel for signs of cancer and other health problems. Have you ever had either of these exams?
4. How long has it been since you had your last sigmoidoscopy or colonoscopy?

### **Core 19: HIV/AIDS**

1. Have you ever been tested for HIV? Do not count tests you may have had as part of a blood donation.
2. Not including blood donations, in what month and year was your last HIV test?
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?
4. Was it a rapid test where you could get your results within a couple of hours?
5. I am going to read you a list. When I am done, please tell me if any of the situations apply to you. You do not need to tell me which one.

### **ARKANSAS CAHS Module 2: Oral Health**

How long has it been since you last visited a dentist or a dental clinic for any reason?

1. How many of your permanent teeth have been removed because of tooth decay or gum disease? Do not include teeth lost for other reasons, such as injury or orthodontics.
2. How long has it been since you had your teeth “cleaned” by a dentist or dental hygienist?

### **ARKANSAS CAHS Module 3: Cardiovascular Disease Prevalence**

1. Has a doctor ever told you that you had a heart attack, also called a myocardial infraction?
2. Has a doctor ever told you that you had angina or coronary heart disease?
3. Has a doctor ever told you that you had a stroke?

#### **ARKANSAS CAHS Module 4: Fruits and Vegetables**

1. How often do you drink fruit juices such as orange, grapefruit, or tomato?
2. Not counting juice, how often do you eat fruit?
3. How often do you eat green salad?
4. How often do you eat potatoes not including French fries, fried potatoes, or potato chips?
5. How often do you eat carrots?
6. Not counting carrots, potatoes, or salad, how many servings of vegetables do you usually eat?

#### **ARKANSAS CAHS Module 5: Tobacco Indicators**

1. How old were you the first time you smoked a cigarette, even one or two puffs?
2. How old were you when you first started smoking cigarettes regularly?
3. About how long has it been since you last smoked cigarettes regularly?
4. In the past 12 months, have you seen a doctor, nurse, or other health professional to get any kind of care for yourself?
5. In the past 12 months, has a doctor, nurse, or other health professional asked you if you smoke?
6. In the past 12 months, has a doctor, nurse, or other health professional advised you to quit smoking?
7. Which statement best describes the rules about smoking inside your home?
8. Have you ever been told by a doctor or other health care professional that you have Chronic Obstructive Pulmonary Disease (COPD)?

#### **ARKANSAS CAHS Module 6: Other Tobacco Products**

1. Have you ever used or tried any smokeless tobacco products such as chewing tobacco or snuff?
2. Do you currently use chewing tobacco or snuff every day, some days, or not at all?
3. How old were you when you first started using smokeless tobacco products such as chewing tobacco, snuff, or snus fairly regularly?
4. Do you want to stop using smokeless tobacco products such as chewing tobacco, snuff, or snus?
5. During the past 12 months have you tried to quit using smokeless tobacco products such as chewing tobacco, snuff or snus for one day or longer?
6. Have you ever smoked a cigar, even one or two puffs?
7. Do you now smoke cigars every day, some days, or not at all?

8. Do you currently use pipes, bidis, clove cigarettes or other tobacco products? Do not include cigarettes, snus, snuff, chewing tobacco or cigars.
9. In the past 7 days, that is since last . . . [Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday] have you been in a car with someone who was smoking?
10. While working at your job, are you indoors most of the time?
11. As far as you know, in the past 7 days, that is since last . . . [Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday] has anyone smoked in your work area?
12. Would you support a comprehensive no smoking law in any indoor place that would include ALL restaurants, bars and taverns, bowling alleys and skating rinks, gambling tracks and casinos?