

Tobacco Data Deck 2010

**Chronic Disease Epidemiology Section
Analytical Epidemiology Branch**

**Tobacco Prevention and Cessation Program
Director's Office**

Arkansas Department of Health



For Further Information: Call 501- 661-2120

Tobacco Data Deck, 2010

- **Purpose**

To provide a comprehensive set of charts describing multiple impact of tobacco use in Arkansas with selected US comparisons.

These charts will be updated as the most recent year data becomes available.

- **Suggestions for use**

Charts are in a fixed format so errors cannot be introduced. But the figure numbers can be removed or charts can be copied.

Brief Contents

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Data Sources

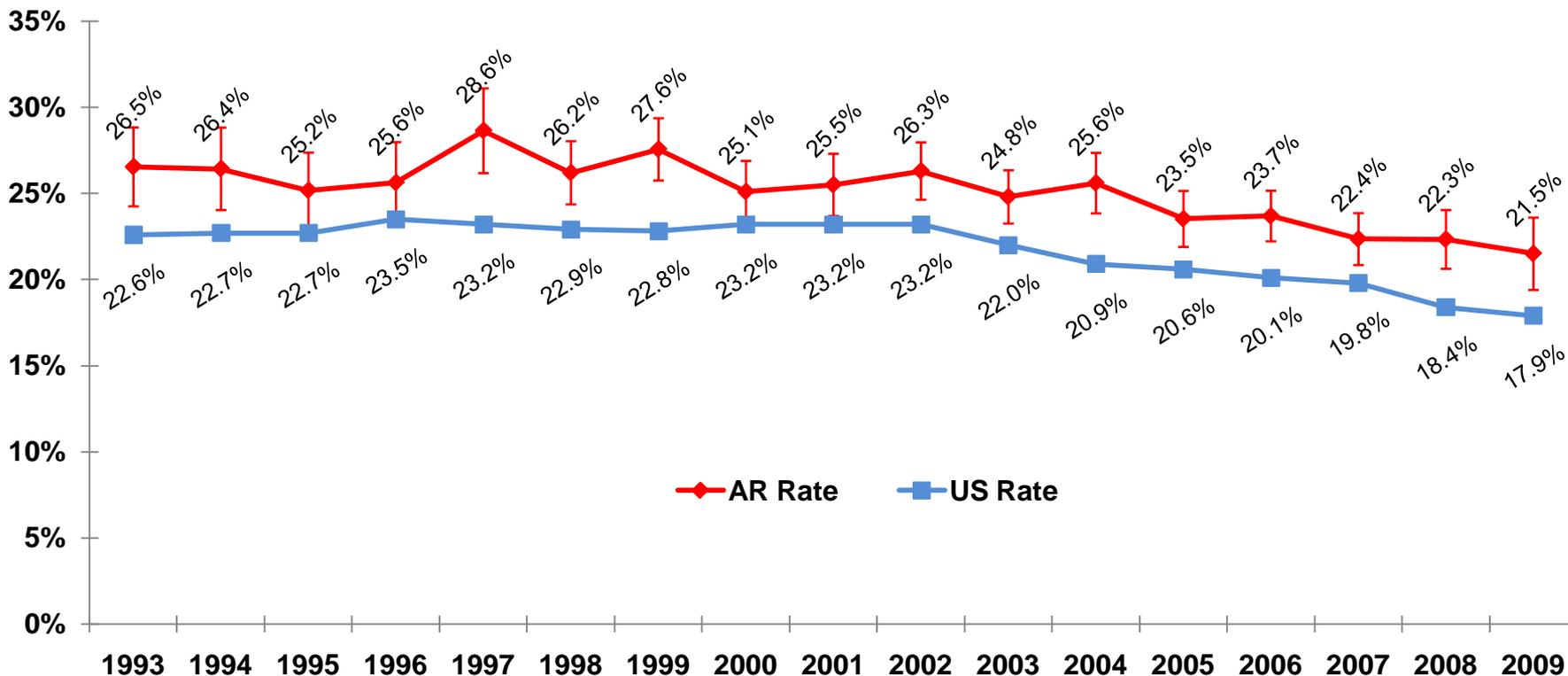
<u>Source</u>	<u>Current year used</u>
• Arkansas Adult Tobacco Survey (ATS)	2002-2008
• Youth Risk Behavior Surveillance System (YRBSS)	1997-2009
• Arkansas Youth Tobacco Survey (YTS)	2002-2007
• Behavioral Risk Factor Surveillance System (BRFSS)	1993-2009
• U.S. Department of Health and Human Services (DHHS)	2001-2010
• Orzechowski & Walker, <i>The Tax Burden on Tobacco</i>	2009
• CDC Wonder	1999-2006
• Arkansas Central Cancer Registry (ACCR)	1997-2007
• Surveillance, Epidemiology, and End Results (SEER)	1997-2007
• AR Department of Health, Health Statistics Branch	2000-2008
• U.S. Census Bureau	2009

SECTION I

Tobacco Use Among Adults and Youths

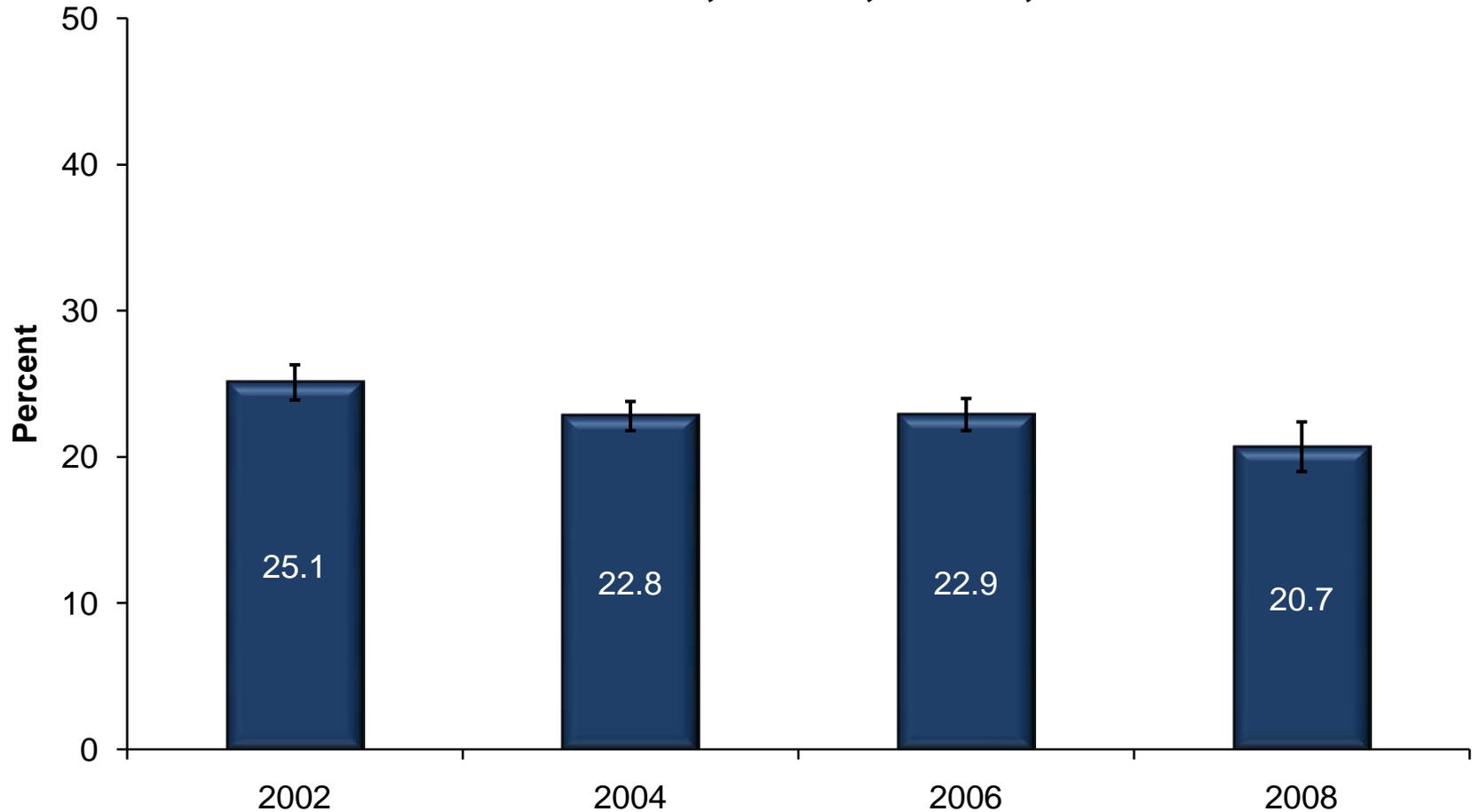
A. Cigarette Smoking: Adult

Current Cigarette Smoking among Adults* Arkansas & the US 1993-2009



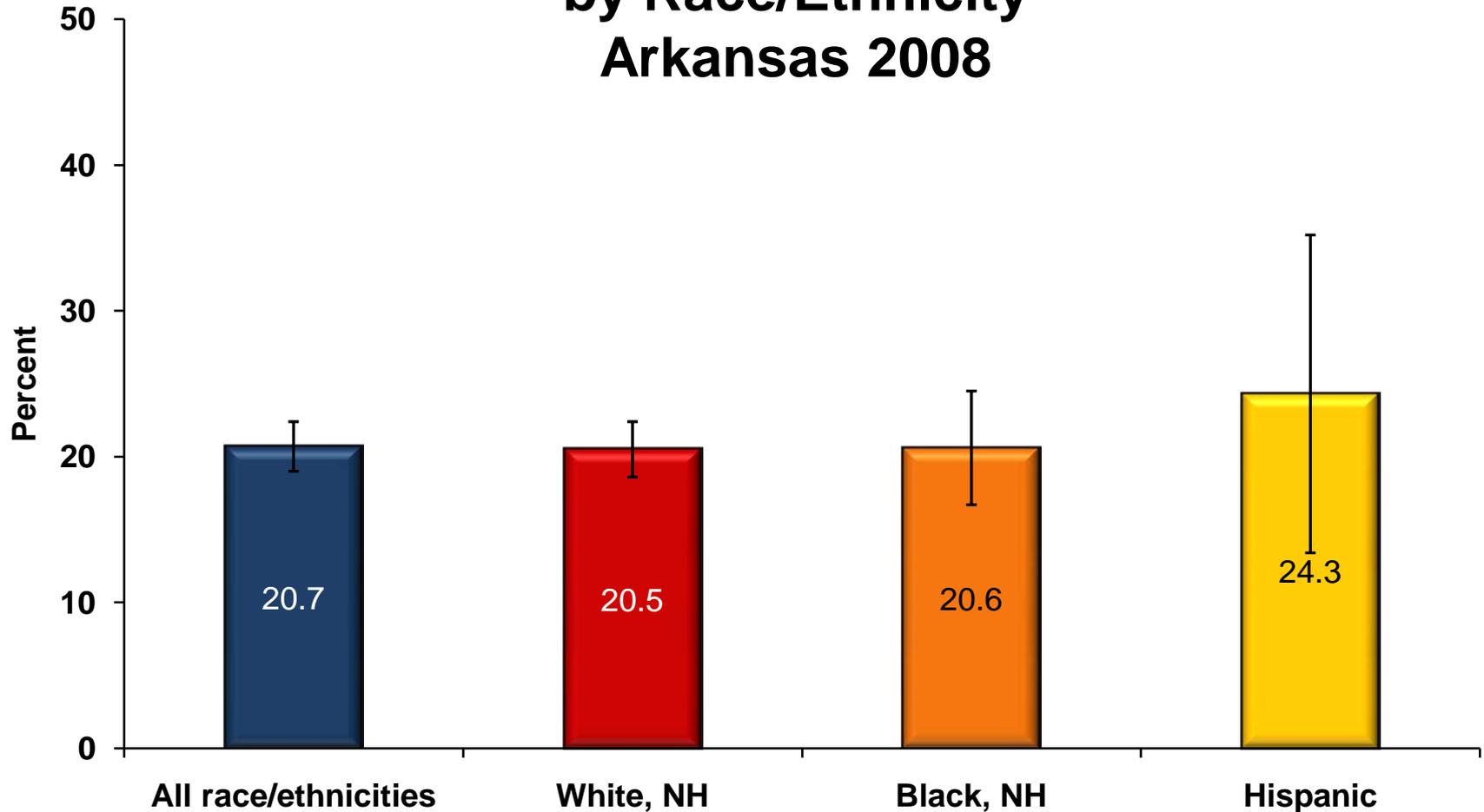
*Respondents aged ≥ 18 years who report having smoked 100 cigarettes in their lifetime and are current smokers on every day or some days.
Source: Behavioral Risk Factor Surveillance System (BRFSS)

Current Cigarette Smoking among Adults* Arkansas 2002, 2004, 2006, & 2008



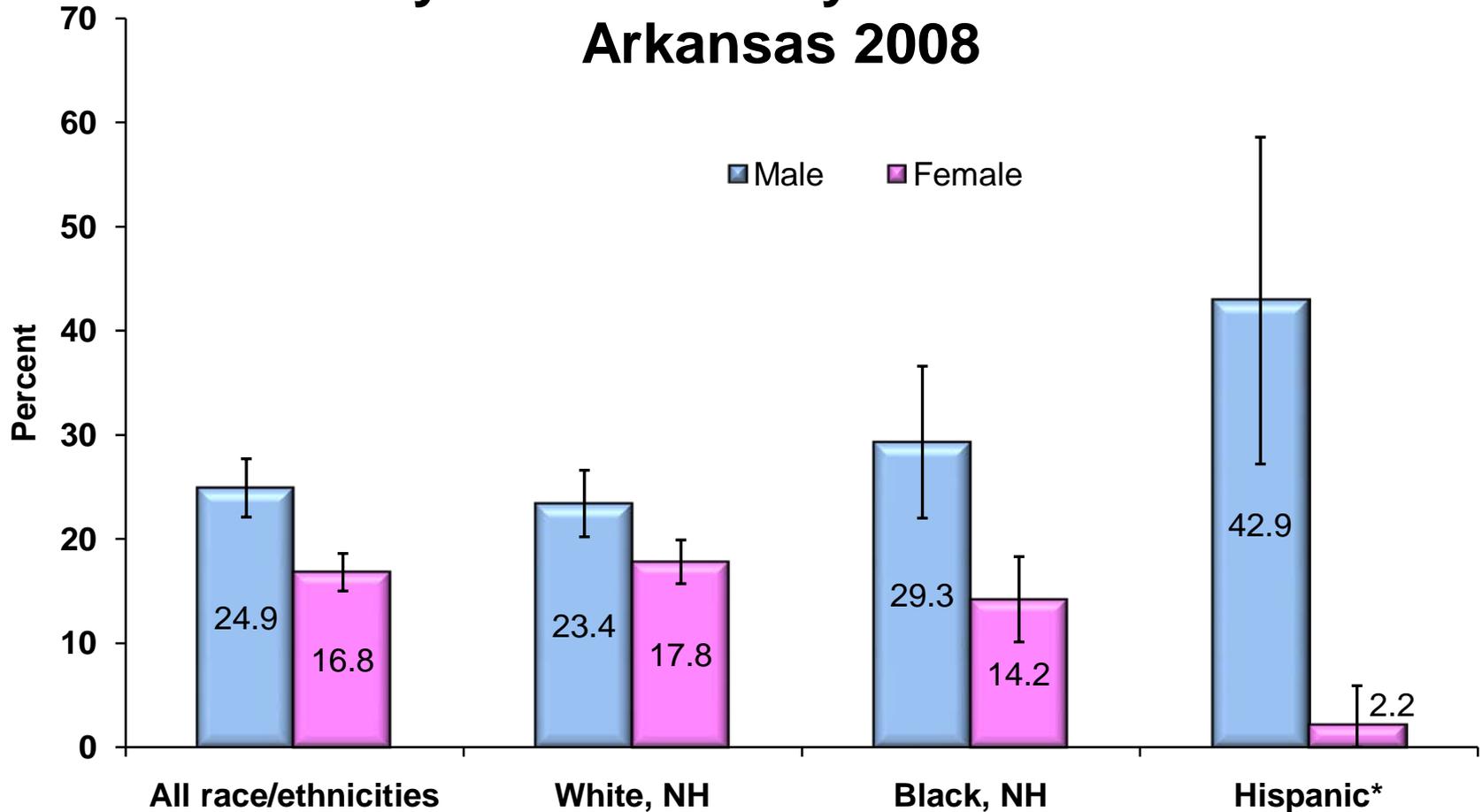
*Respondents aged ≥ 18 years who report having smoked 100 cigarettes in their lifetime and are current smokers on every day or some days.
Source: Arkansas Adult Tobacco Survey (ATS)

Current Cigarette Smoking among Adults* by Race/Ethnicity Arkansas 2008



*Respondents aged ≥ 18 years who report having smoked 100 cigarettes in their lifetime and are current smokers on every day or some days.
Source: Arkansas Adult Tobacco Survey (ATS)

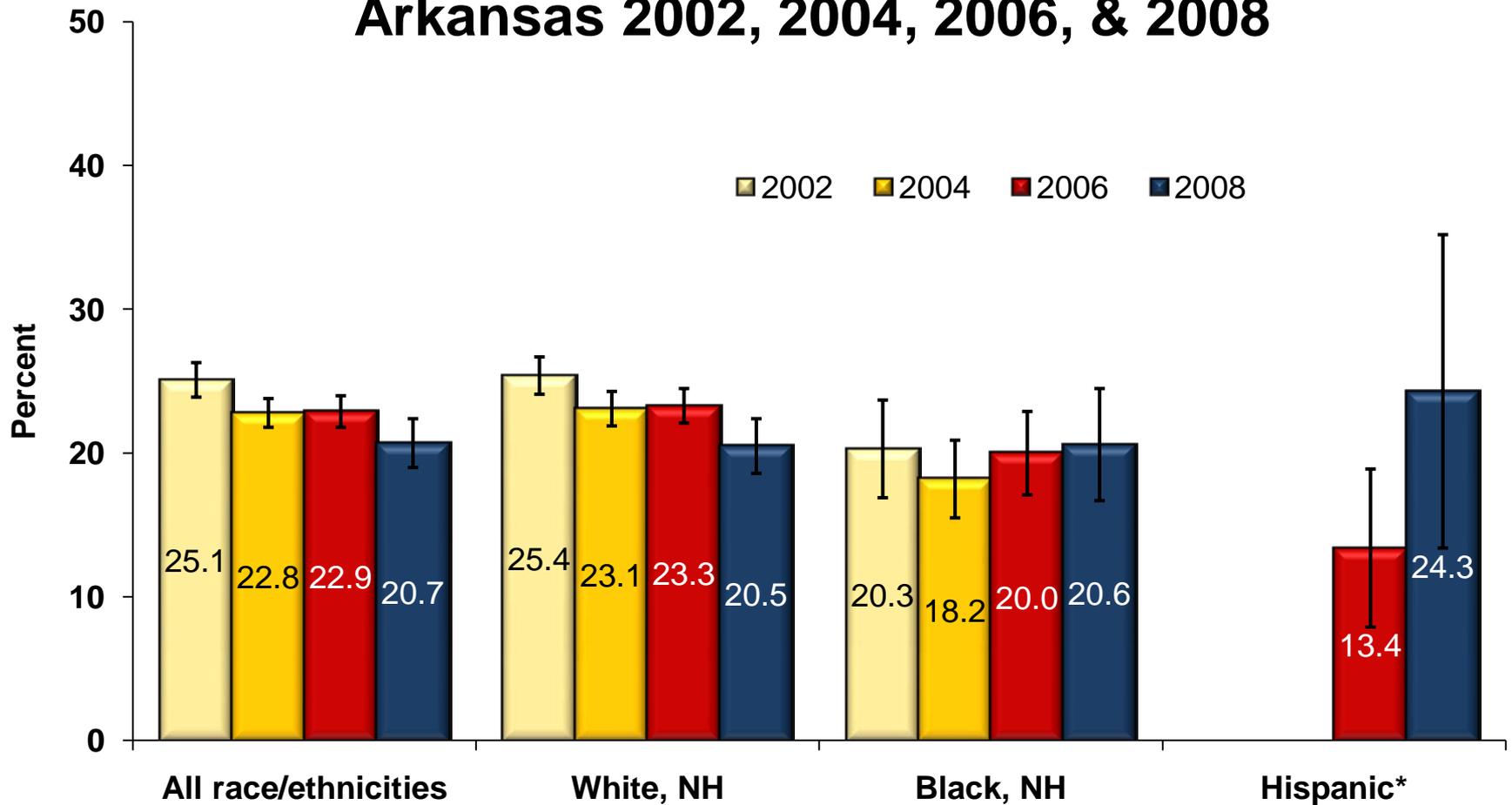
Current Cigarette Smoking among Adults* by Race/Ethnicity and Gender Arkansas 2008



*Respondents aged ≥ 18 years who report having smoked 100 cigarettes in their lifetime and are current smokers on every day or some days.
Source: Arkansas Adult Tobacco Survey (ATS)

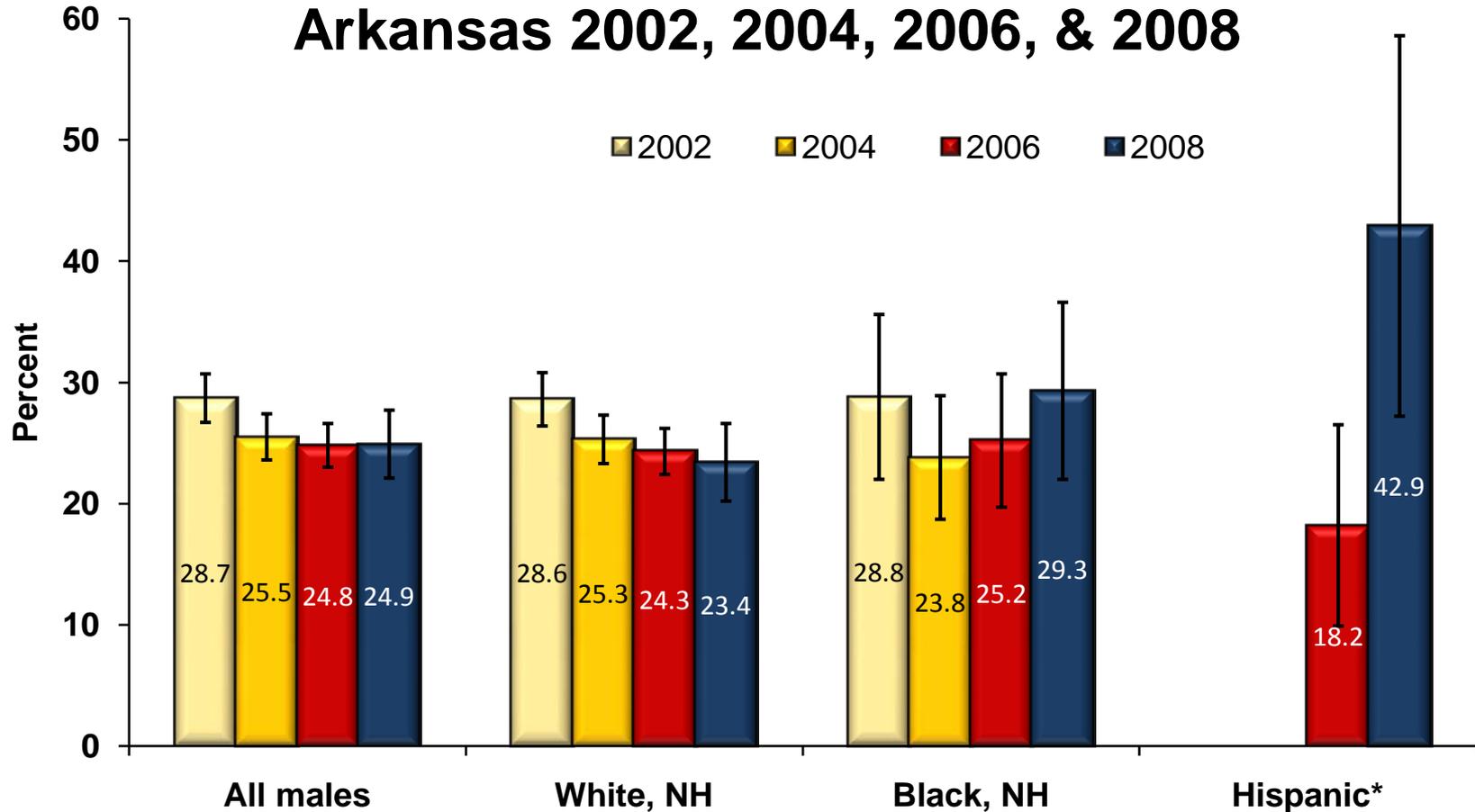
The estimates for Hispanics were based on small numbers hence may be unstable. Use caution when interpreting.

Current Cigarette Smoking among Adults*, by Race/Ethnicity Arkansas 2002, 2004, 2006, & 2008



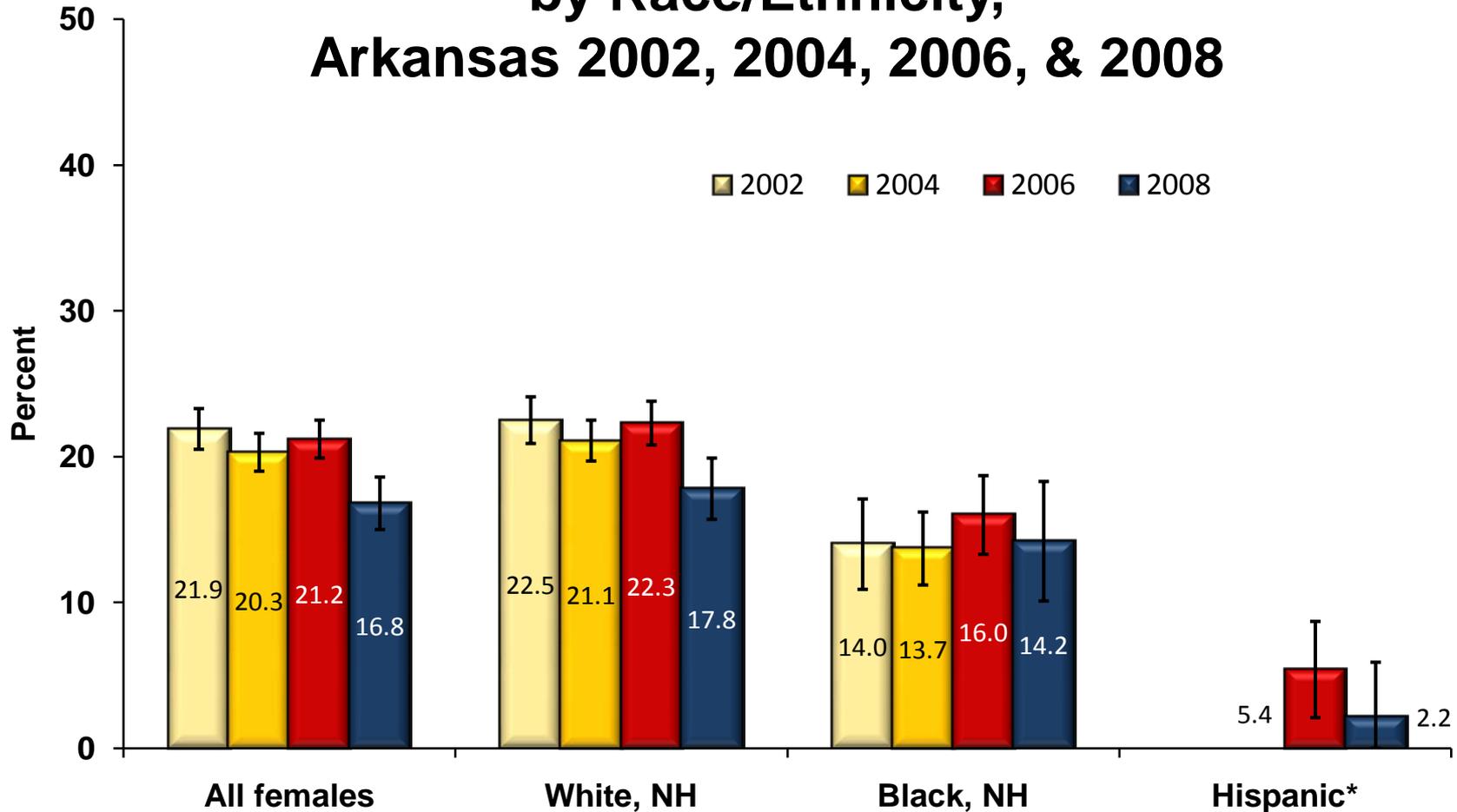
*Respondents aged ≥ 18 years who report having smoked 100 cigarettes in their lifetime and are current smokers on every day or some days.
 Source: Arkansas Adult Tobacco Survey (ATS)
 Hispanic rates for 2002 and 2004 are not displayed due to small sample sizes.

Current Cigarette Smoking among Adult Males* by Race/Ethnicity, Arkansas 2002, 2004, 2006, & 2008



*Respondents aged ≥ 18 years who report having smoked 100 cigarettes in their lifetime and are current smokers on every day or some days.
Source: Arkansas Adult Tobacco Survey (ATS)
Hispanic rates for 2002 and 2004 are not displayed due to small sample sizes.

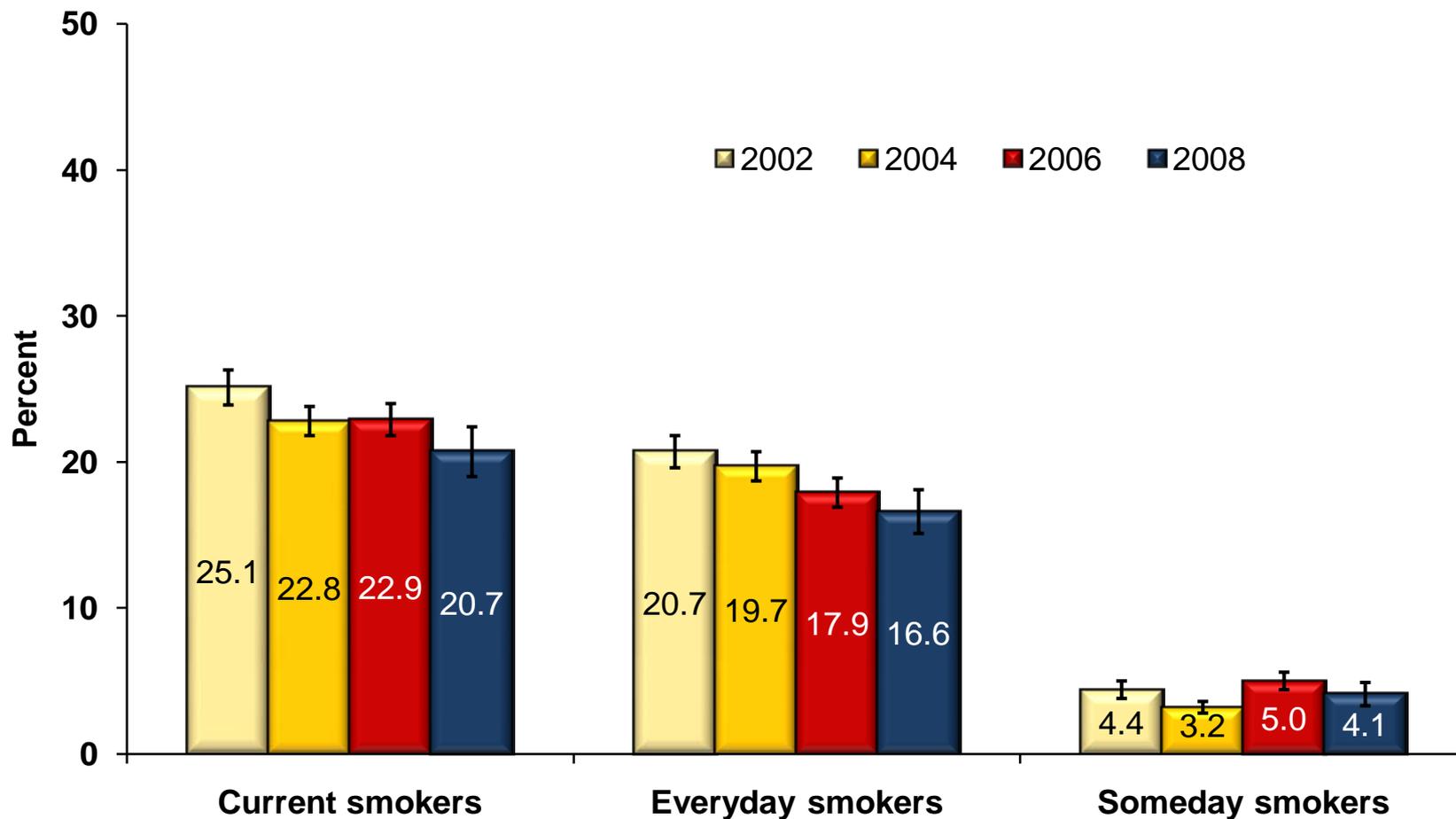
Current Cigarette Smoking among Adult Females* by Race/Ethnicity, Arkansas 2002, 2004, 2006, & 2008



*Respondents aged ≥ 18 years who report having smoked 100 cigarettes in their lifetime and are current smokers on every day or some days.
Source: Arkansas Adult Tobacco Survey (ATS)

Hispanic rates for 2002 and 2004 are not displayed due to small sample sizes.

Current*, Everyday**, and Someday‡ Cigarette Smoking among Adults Arkansas 2002, 2004, 2006, & 2008



*Respondents aged ≥ 18 years who report having smoked 100 cigarettes in their lifetime and are current smokers on every day or some days.

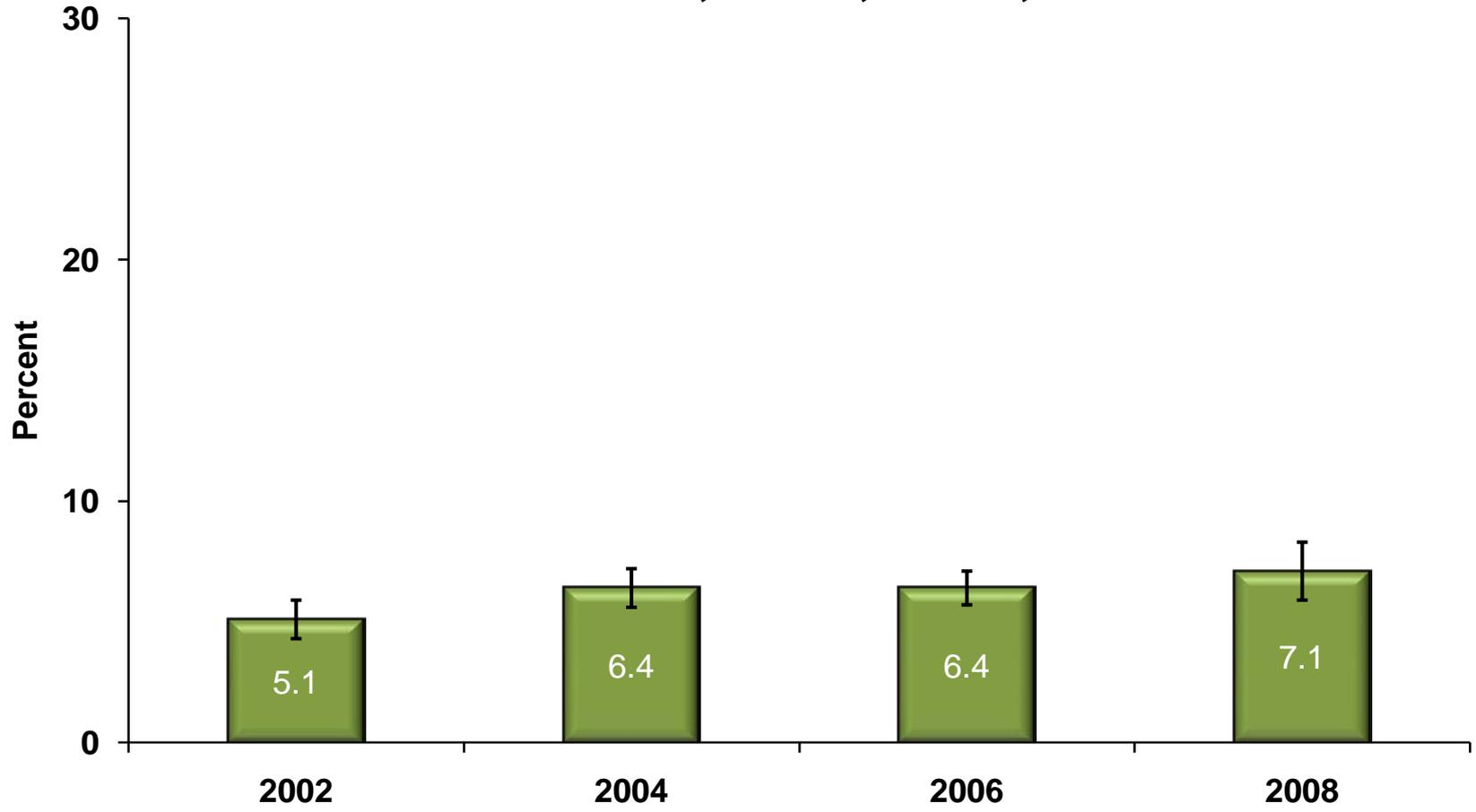
**Respondents aged ≥ 18 years who report having smoked 100 cigarettes in their lifetime and are current smokers on every day.

‡Respondents aged ≥ 18 years who report having smoked 100 cigarettes in their lifetime and are current smokers on some days.

Source: Arkansas Adult Tobacco Survey (ATS)

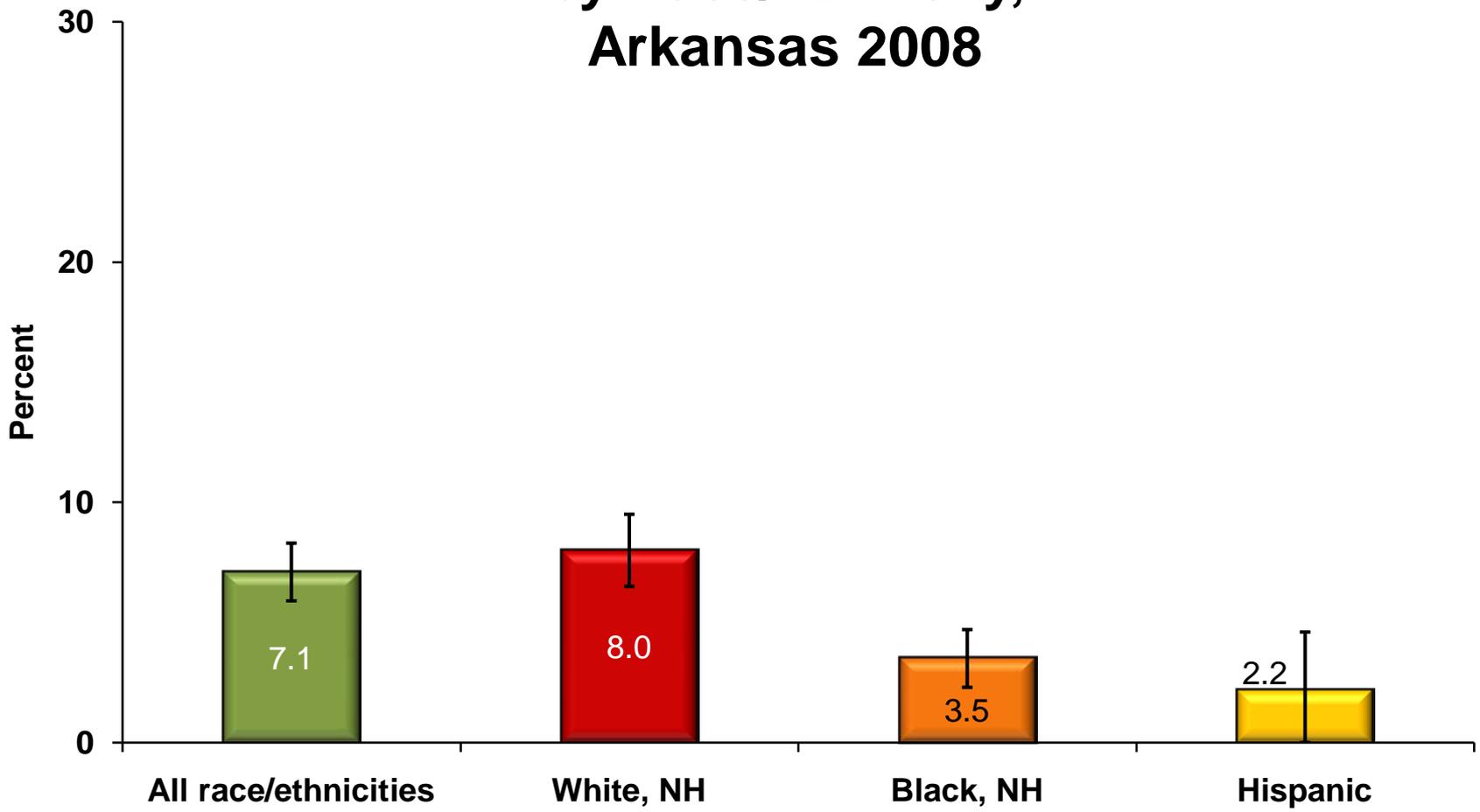
B. Smokeless Tobacco Use: Adult

Current Smokeless Tobacco Use among Adults* Arkansas 2002, 2004, 2006, & 2008



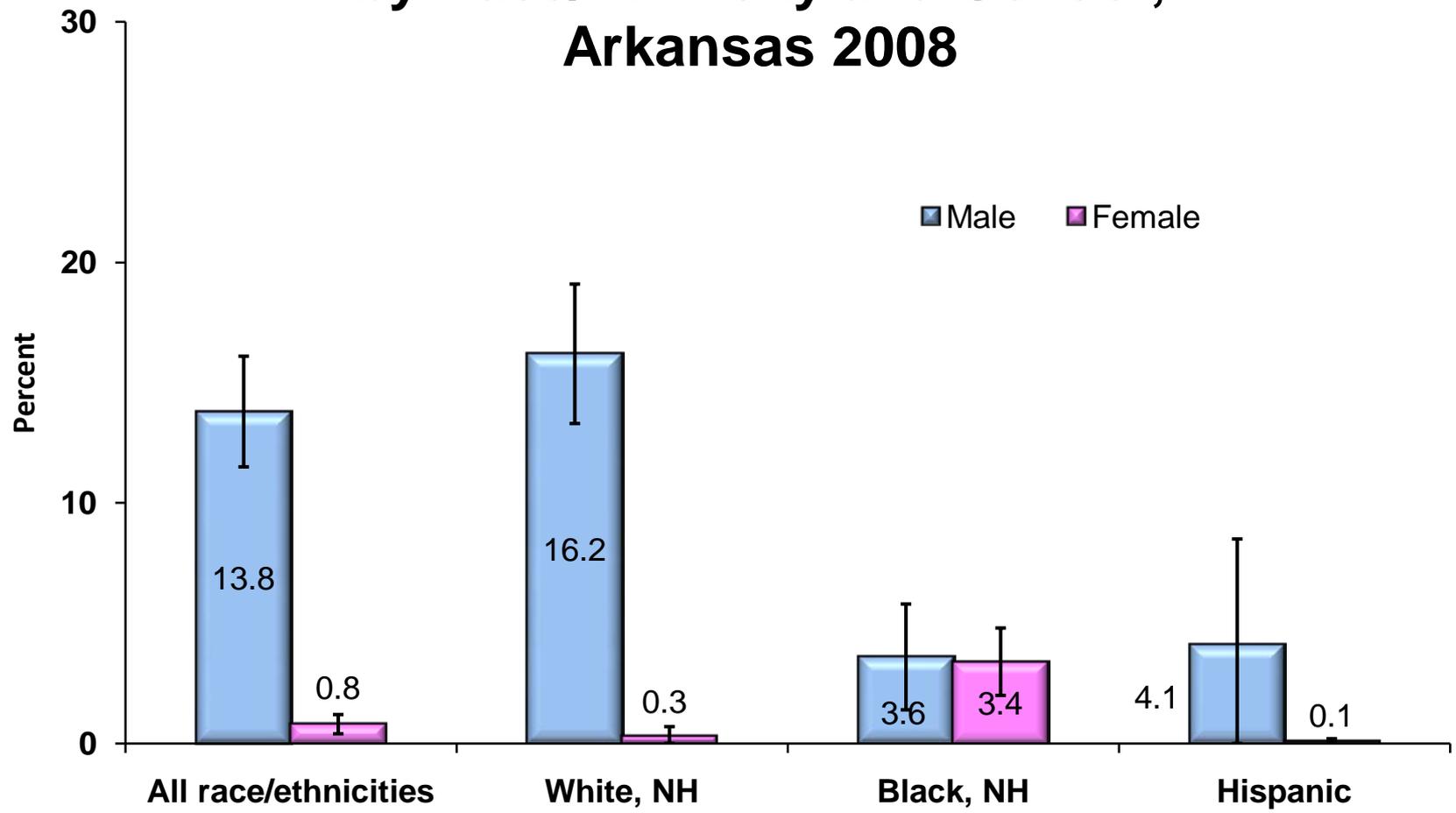
*Respondents aged ≥ 18 years who are current users of chewing tobacco or snuff on every day or some days.
Source: Arkansas Adult Tobacco Survey

Current Smokeless Tobacco Use among Adults* by Race/Ethnicity, Arkansas 2008



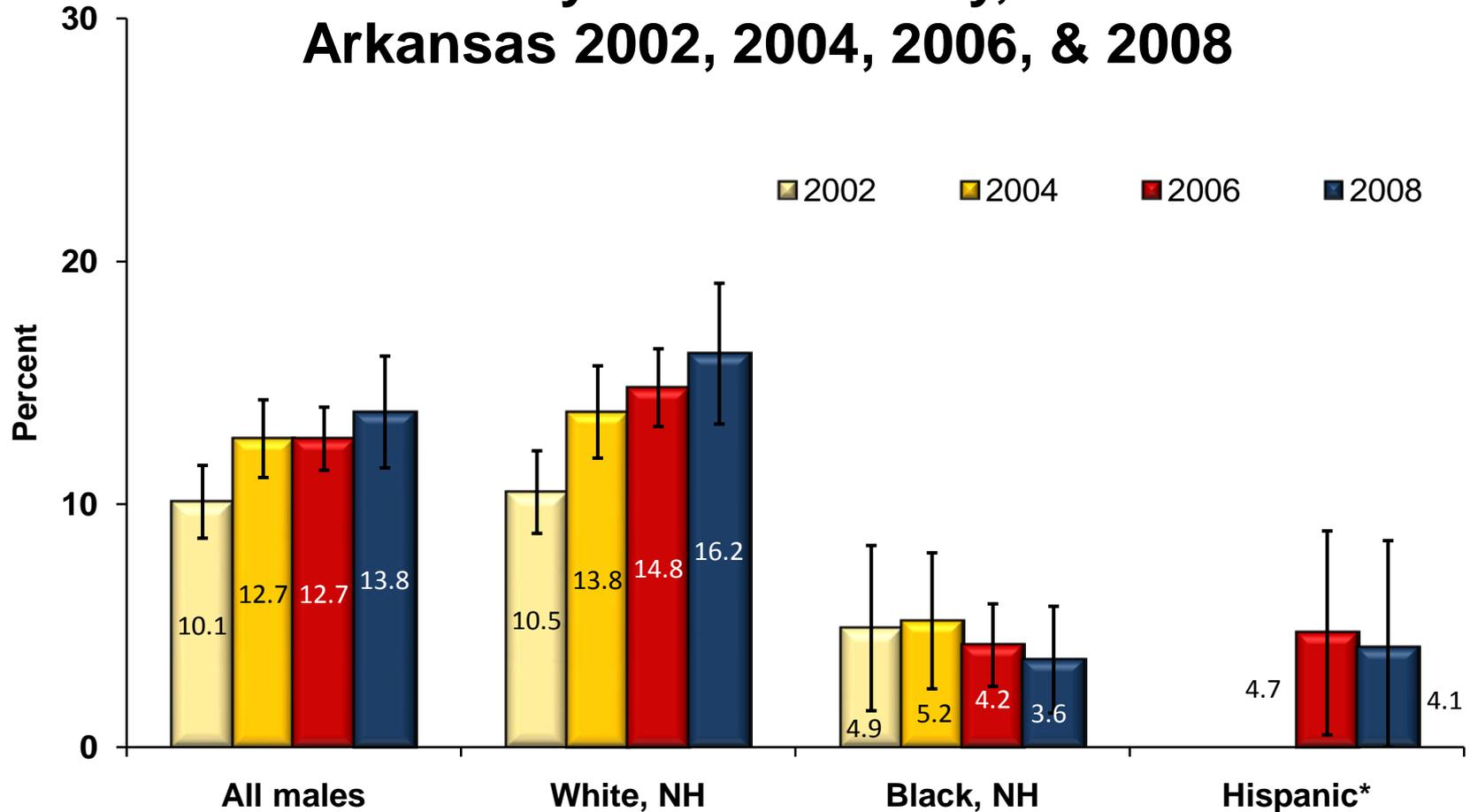
*Respondents aged ≥ 18 years who are current users of chewing tobacco or snuff on every day or some days.
Source: Arkansas Adult Tobacco Survey

Current Smokeless Tobacco Use among Adults* by Race/Ethnicity and Gender, Arkansas 2008



*Respondents aged ≥ 18 years who are current users of chewing tobacco or snuff on every day or some days.
Source: Arkansas Adult Tobacco Survey

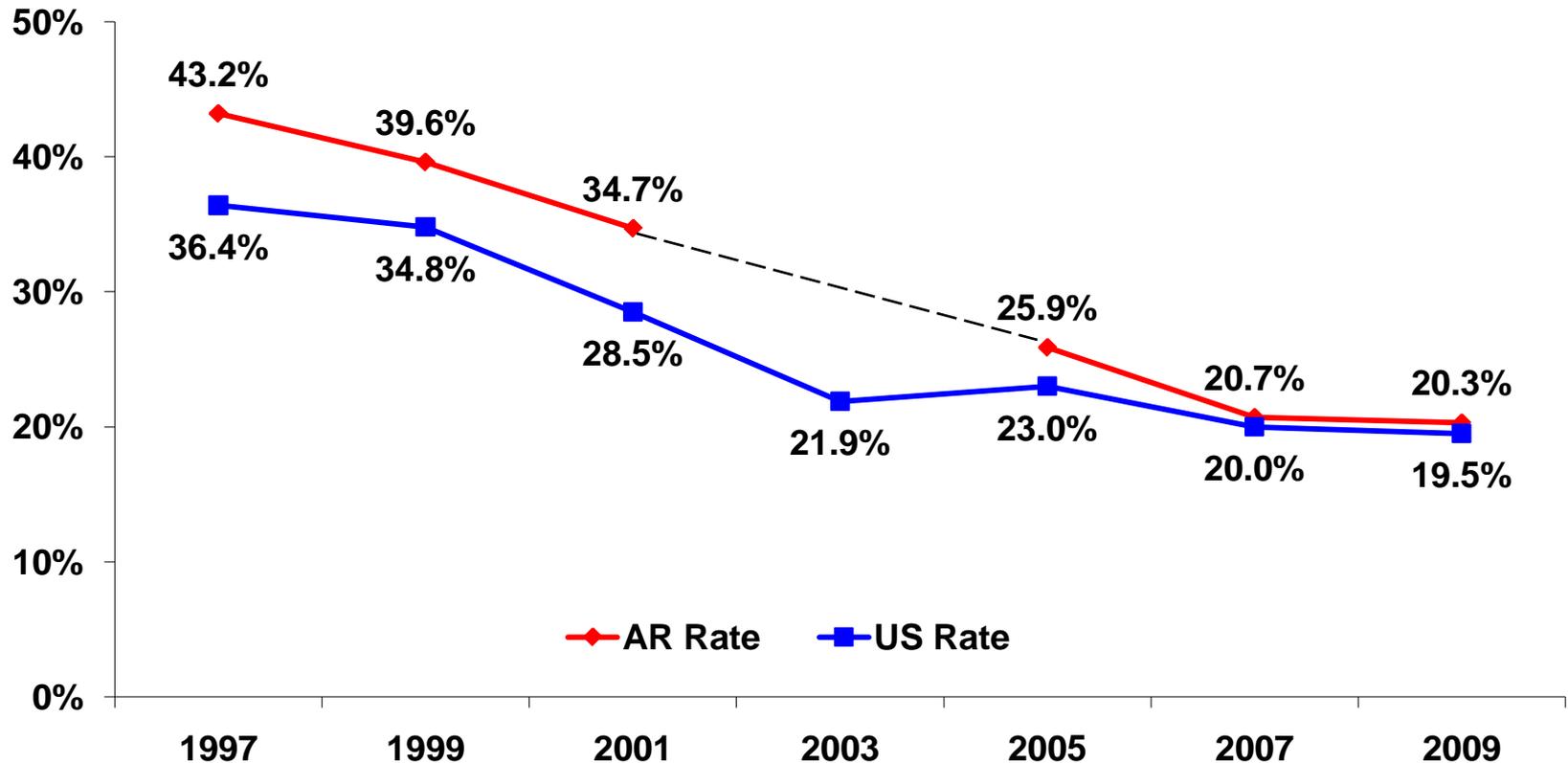
Current Smokeless Tobacco Use among Adult Males* by Race/Ethnicity, Arkansas 2002, 2004, 2006, & 2008



*Respondents aged ≥ 18 years who are current users of chewing tobacco or snuff on every day or some days.
Source: Arkansas Adult Tobacco Survey
Hispanic rates for 2002 and 2004 are not displayed due to small sample sizes.

C. Cigarette Smoking: Youth

Current Cigarette Smoking * among High School Students, Arkansas & the US, 1997-2009

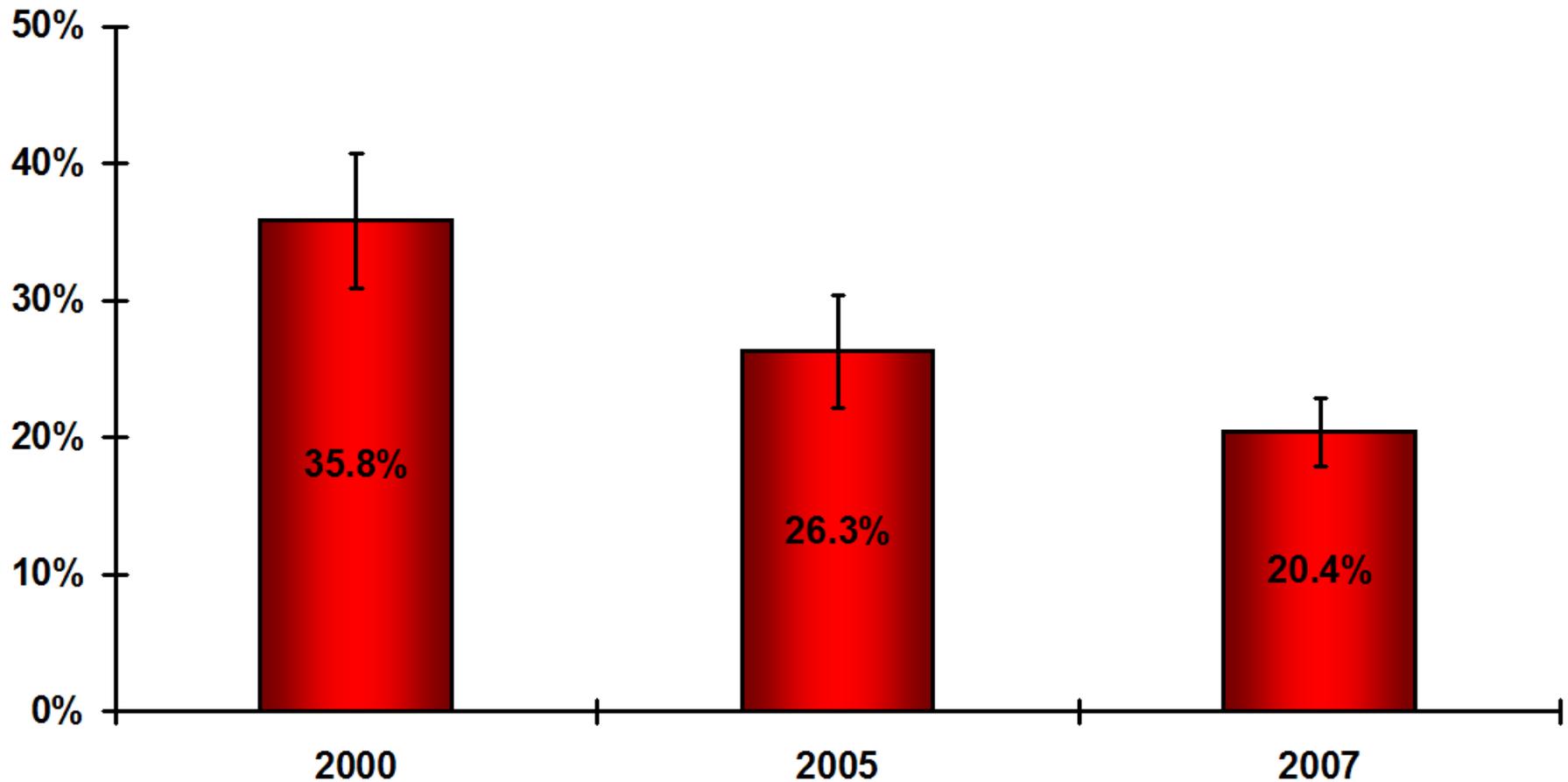


* Students in grades 9-12 who report having smoked cigarettes on one or more days during the previous 30 days

Source: Youth Risk Behavior Surveillance System

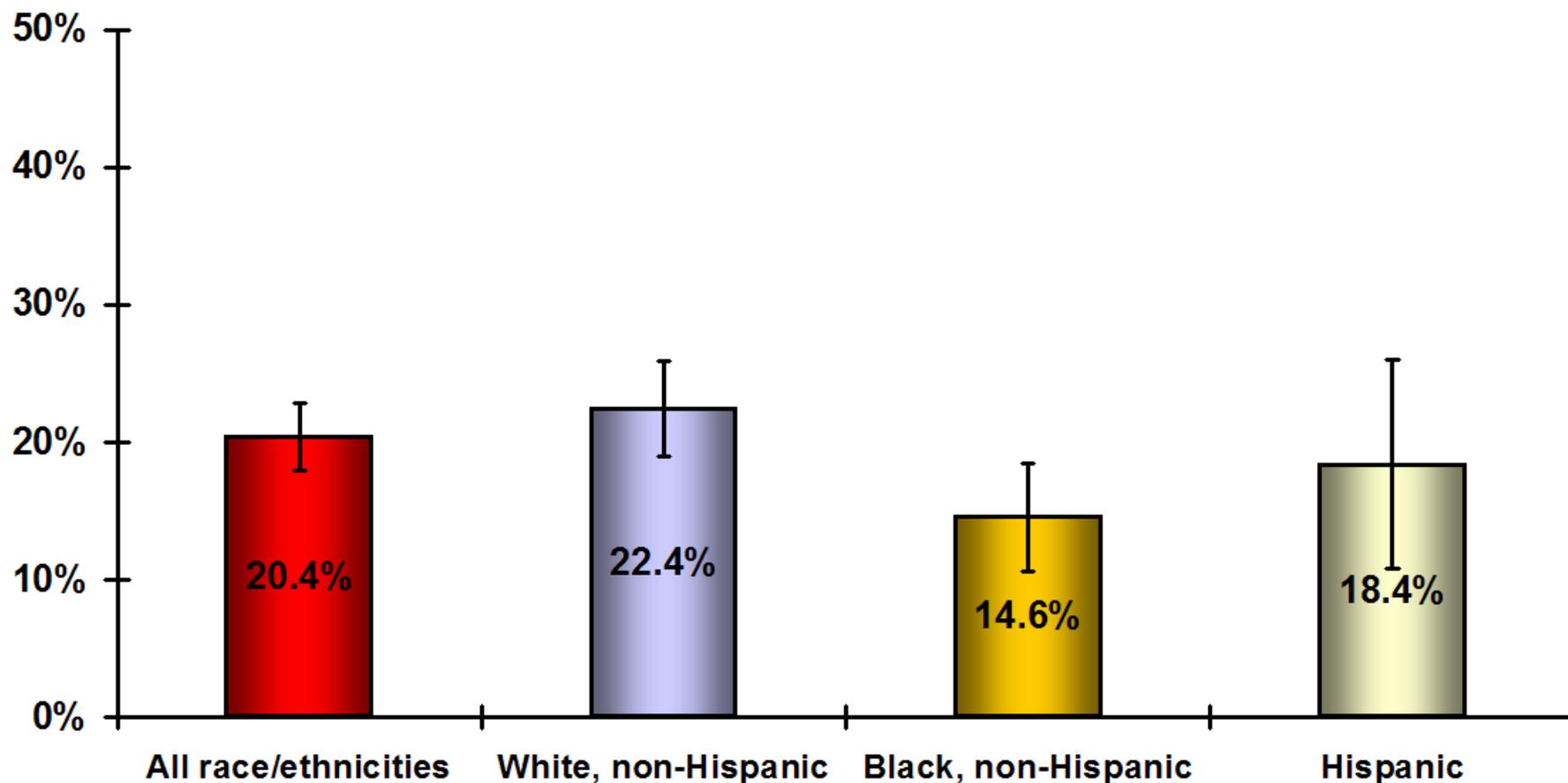
— — — -No data available for Arkansas in 2003

Current Cigarette Smoking among High School Students* Arkansas 2000, 2005, & 2007



*Students in grades 9-12 who report having smoked cigarettes on ≥ 1 day during the previous 30 days.
Source: Arkansas Youth Tobacco Survey

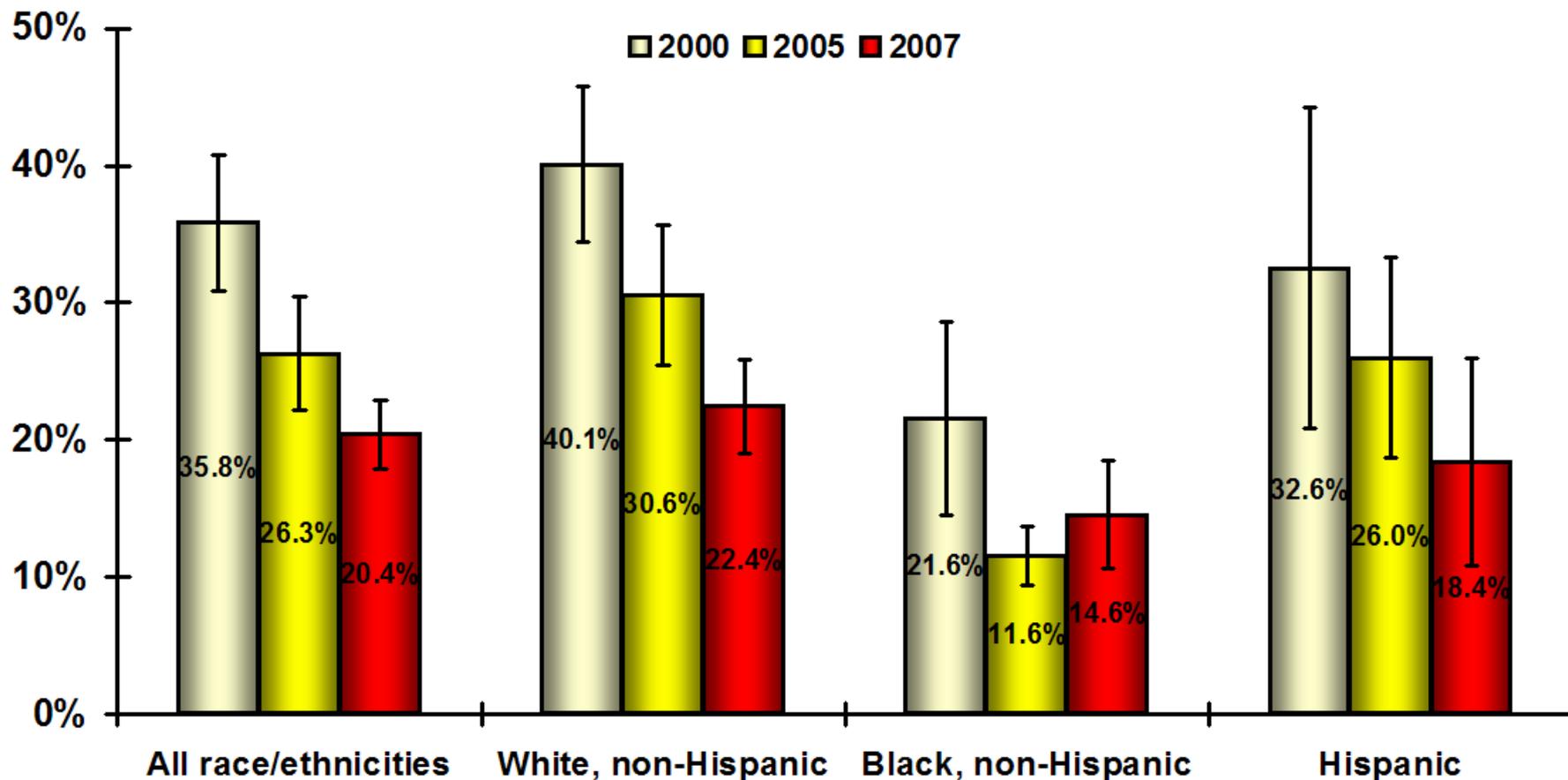
Current Cigarette Smoking among High School Students* by Race/Ethnicity Arkansas 2007



*Students in grades 9-12 who report having smoked cigarettes on ≥ 1 day during the previous 30 days.

Source: Arkansas Youth Tobacco Survey

Current Cigarette Smoking among High School Students* by Race/Ethnicity Arkansas 2000, 2005, & 2007

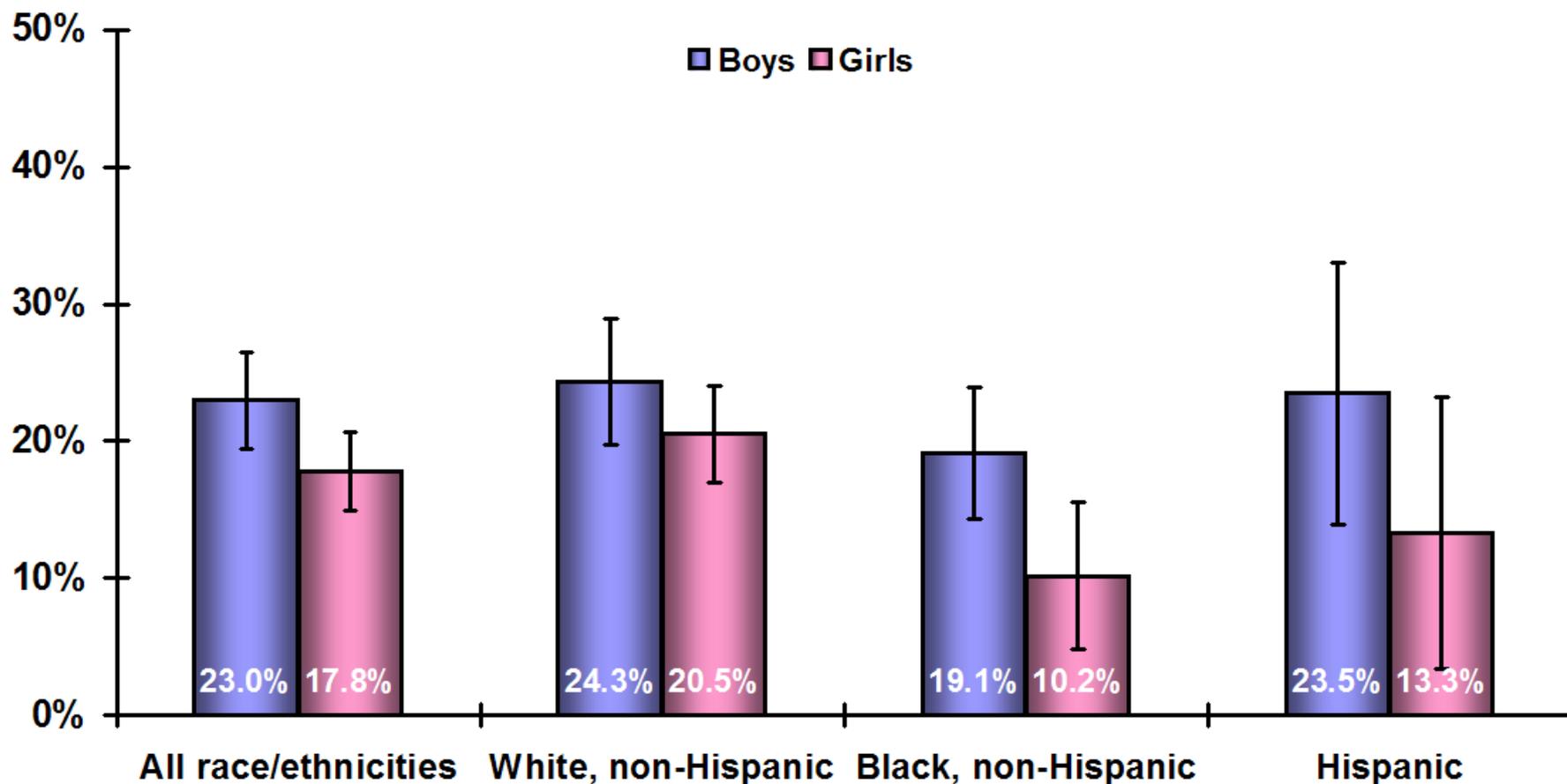


*Students in grades 9-12 who report having smoked cigarettes on ≥ 1 day during the previous 30 days.

Source: Arkansas Youth Tobacco Survey



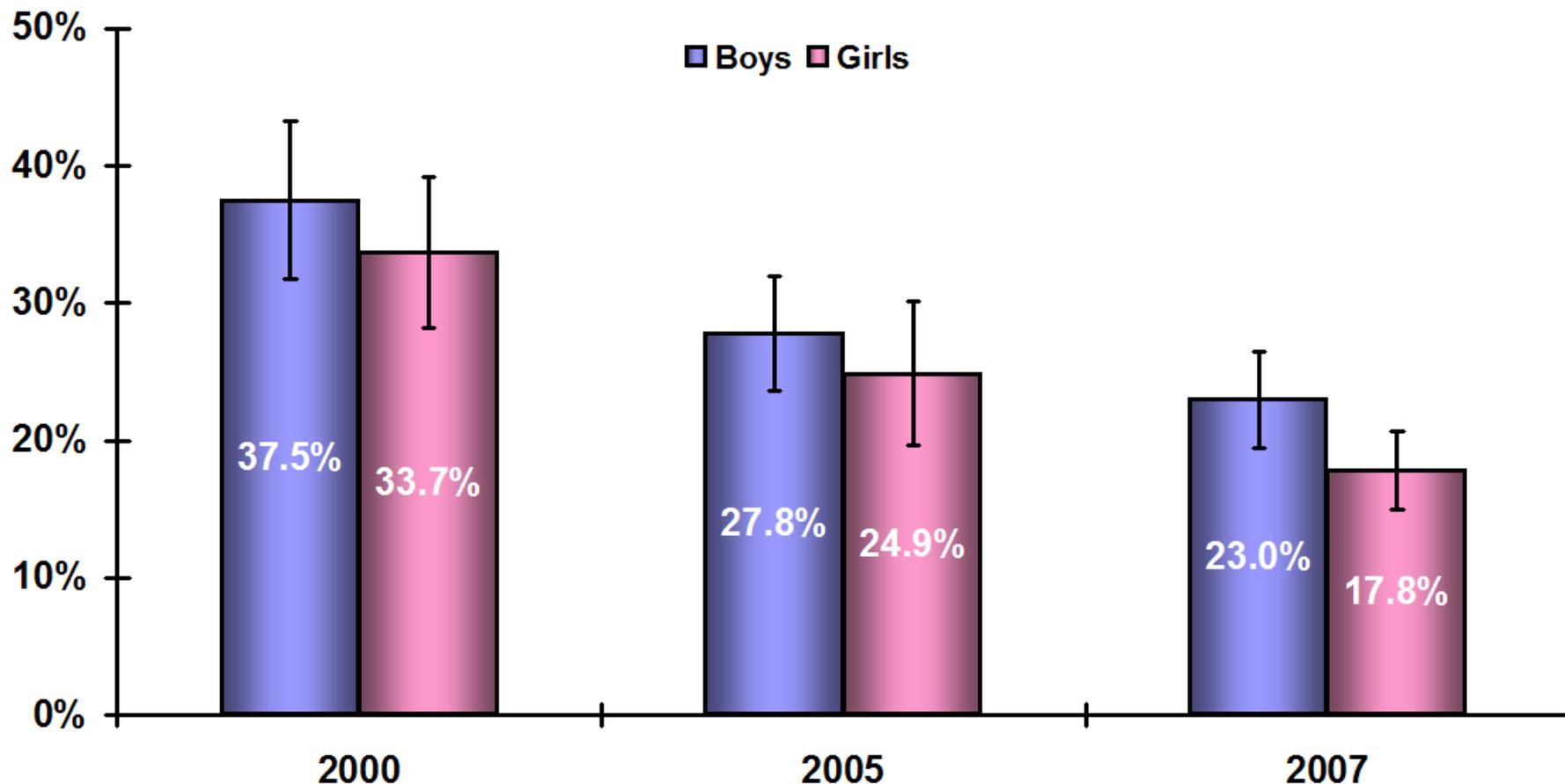
Current Cigarette Smoking among High School Students* by Race/Ethnicity and Gender Arkansas 2007



*Students in grades 9-12 who report having smoked cigarettes on ≥ 1 day during the previous 30 days.

Source: Arkansas Youth Tobacco Survey

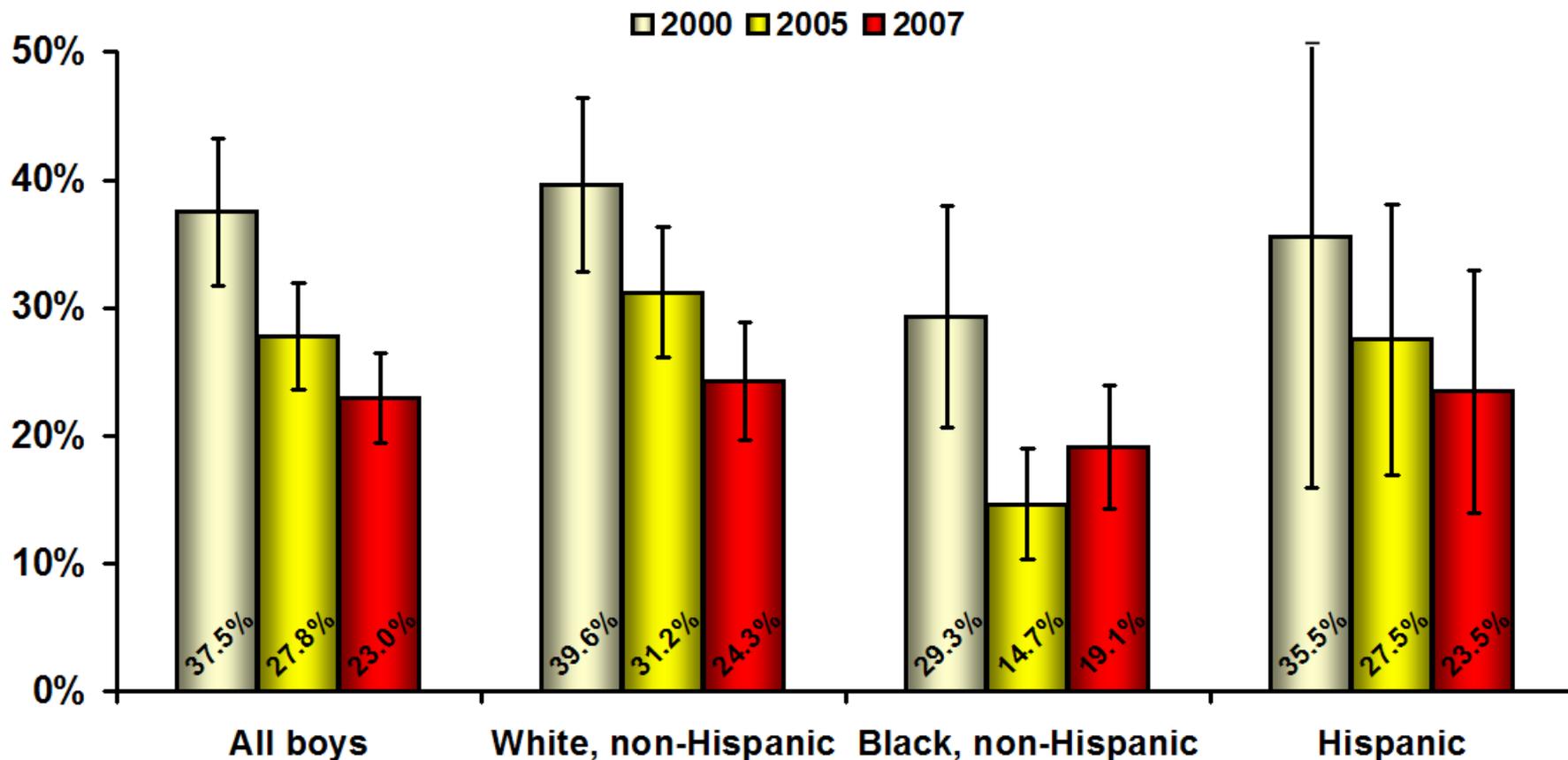
Current Cigarette Smoking among High School Students* by Gender Arkansas 2000, 2005, & 2007



*Students in grades 9-12 who report having smoked cigarettes on ≥ 1 day during the previous 30 days.

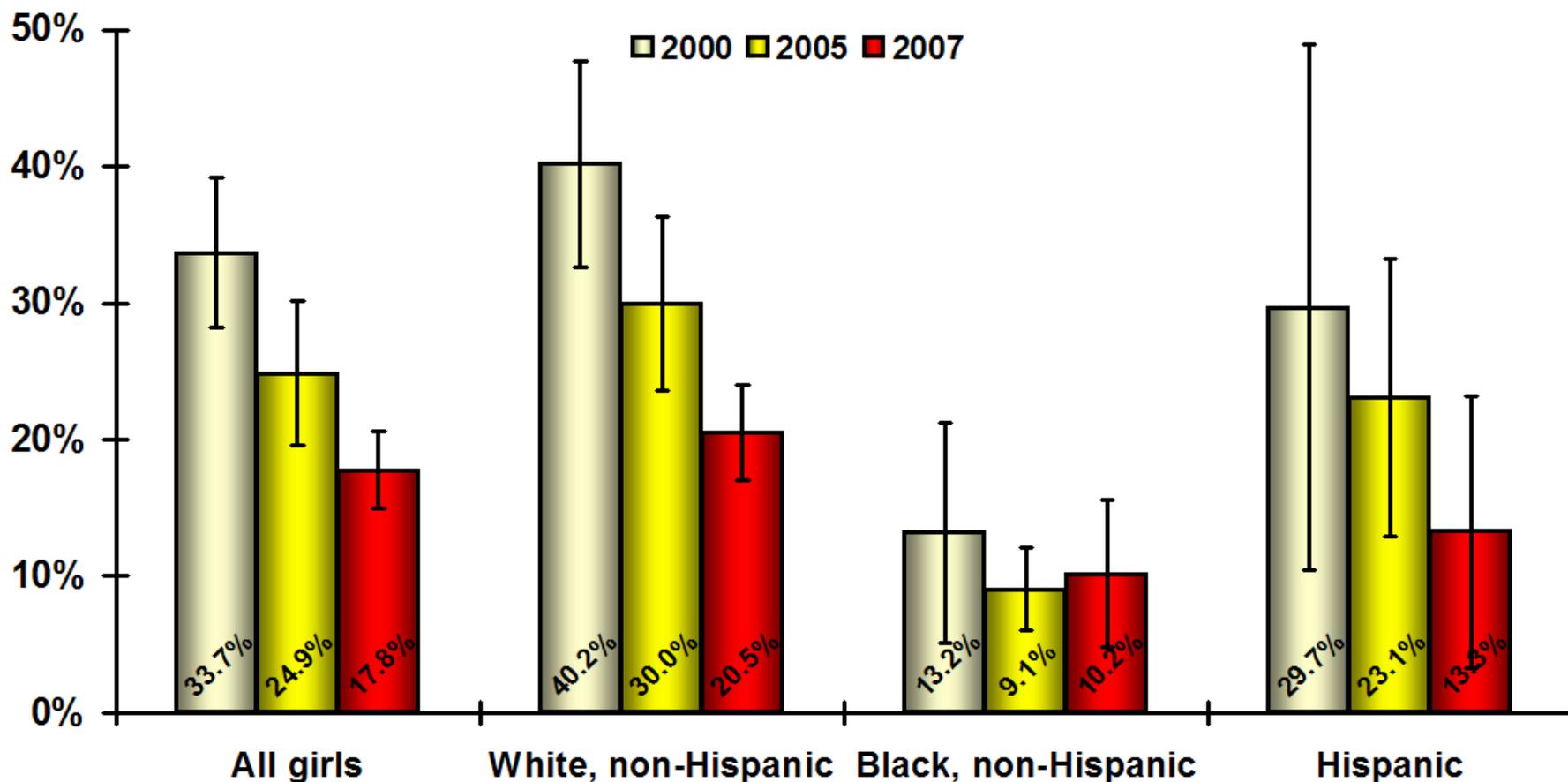
Source: Arkansas Youth Tobacco Survey

Current Cigarette Smoking among High School Boys* by Race/Ethnicity Arkansas 2000, 2005, & 2007



*Male students in grades 9-12 who report having smoked cigarettes on ≥ 1 day during the previous 30 days.
Source: Arkansas Youth Tobacco Survey

Current Cigarette Smoking among High School Girls* by Race/Ethnicity Arkansas 2000, 2005, & 2007

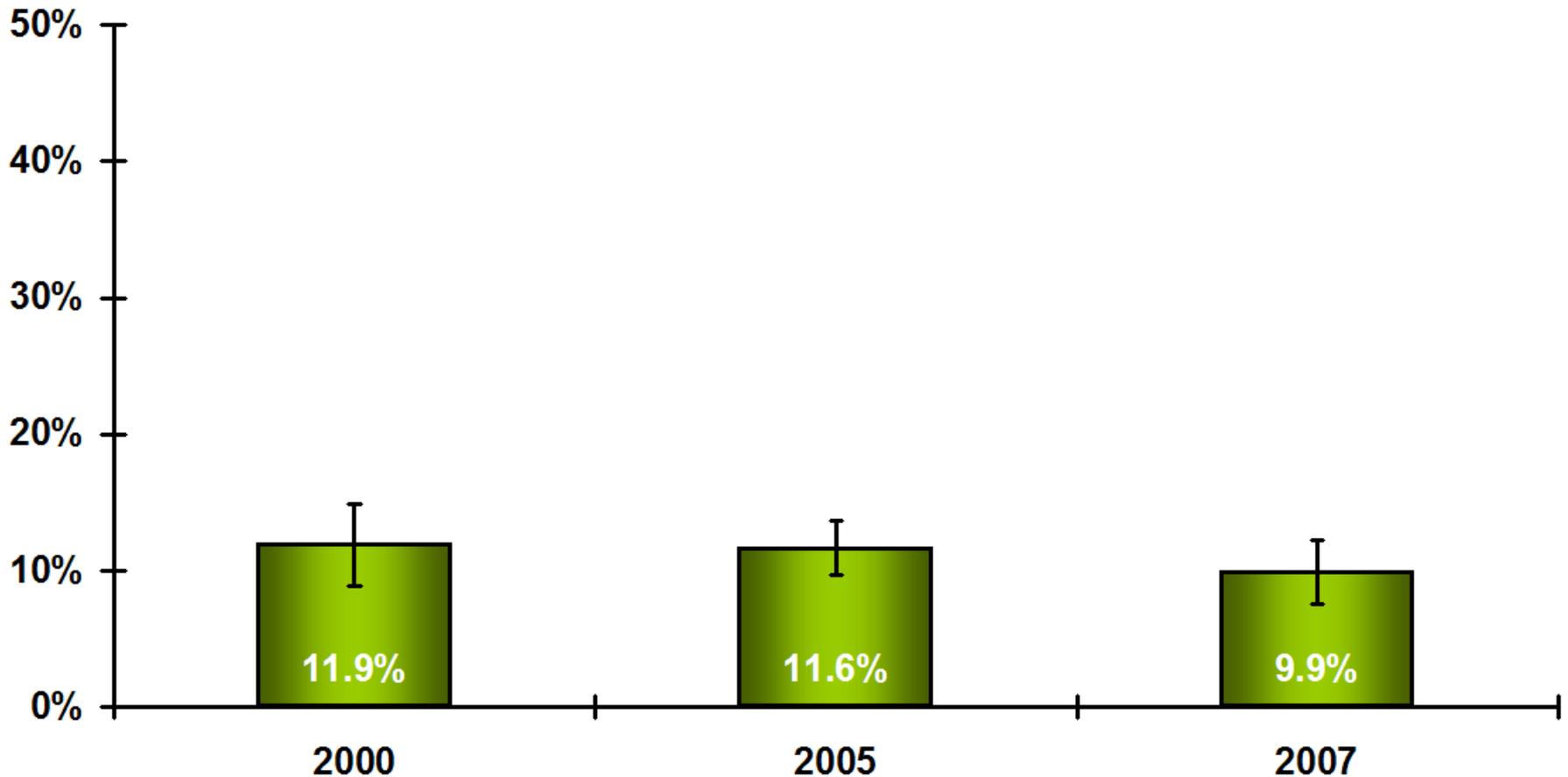


*Female students in grades 9-12 who report having smoked cigarettes on ≥ 1 day during the previous 30 days.
Source: Arkansas Youth Tobacco Survey

D. Smokeless Tobacco Use: Youth



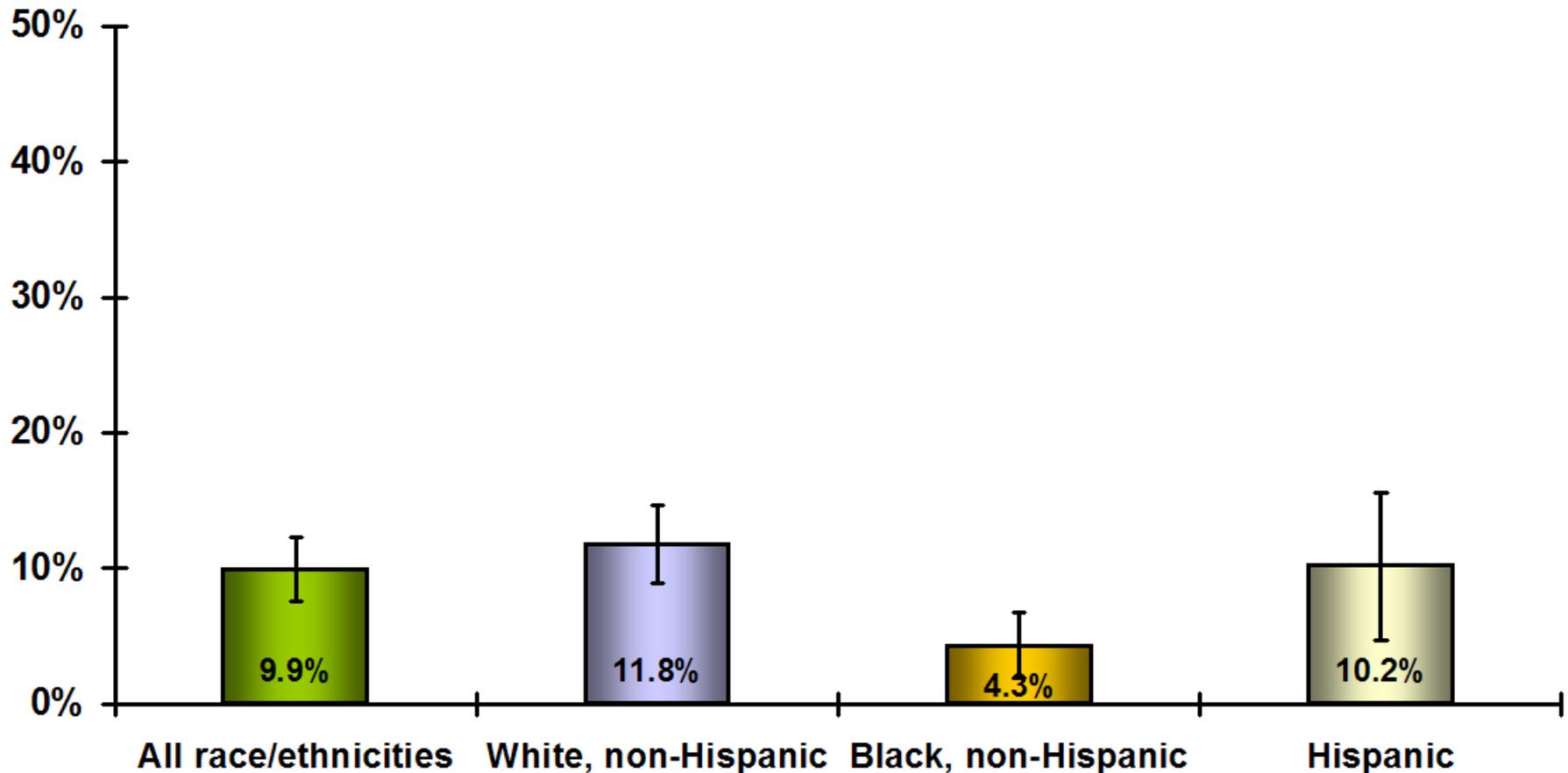
Current Smokeless Tobacco Use among High School Students* Arkansas 2000, 2005, & 2007



*Students in grades 9-12 who report having used smokeless tobacco products on ≥ 1 day during the previous 30 days.

Source: Arkansas Youth Tobacco Survey

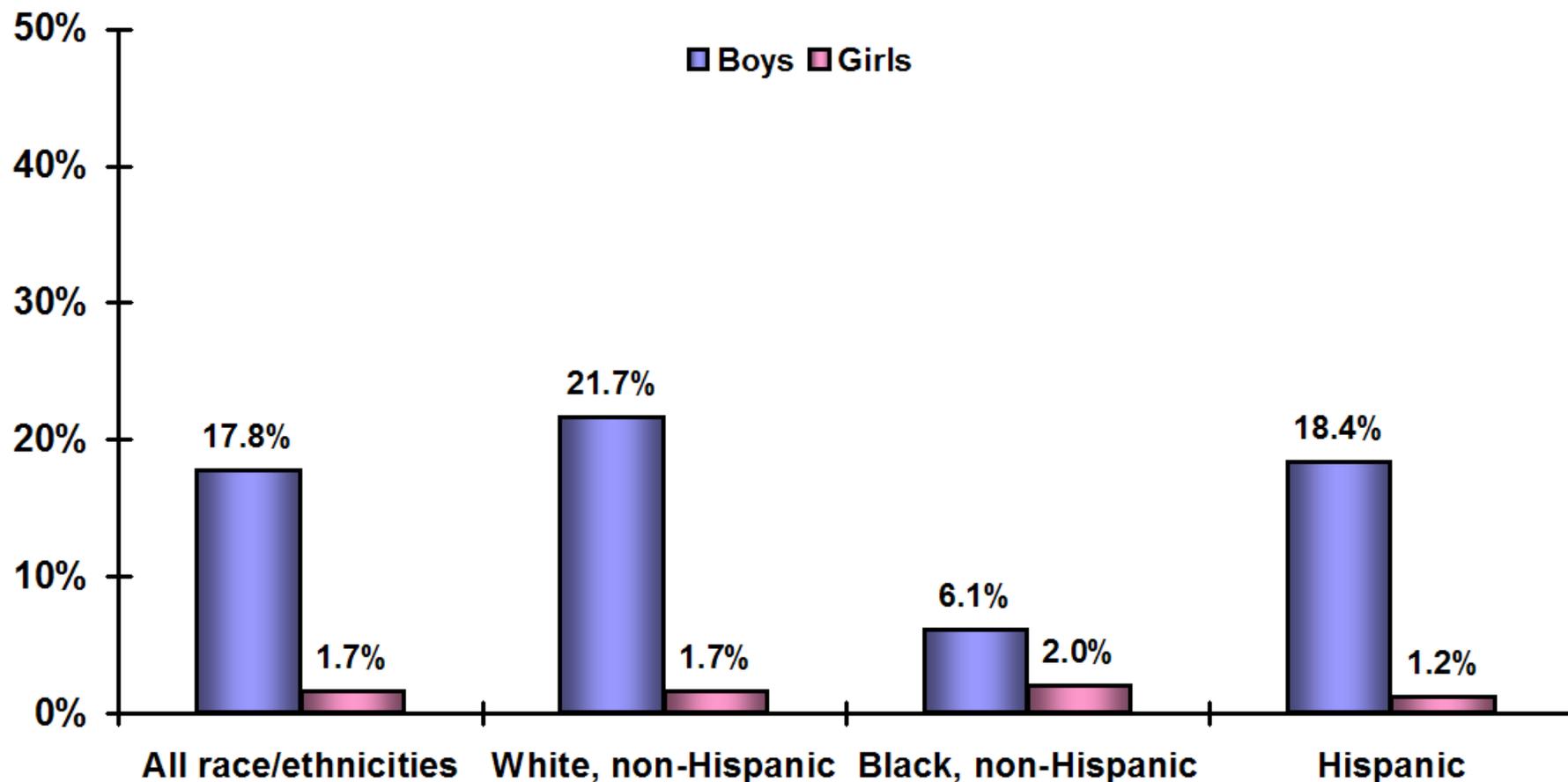
Current Smokeless Tobacco Use among High School Students* by Race/Ethnicity Arkansas 2007



*Students in grades 9-12 who report having used smokeless tobacco products on ≥ 1 day during the previous 30 days.

Source: Arkansas Youth Tobacco Survey

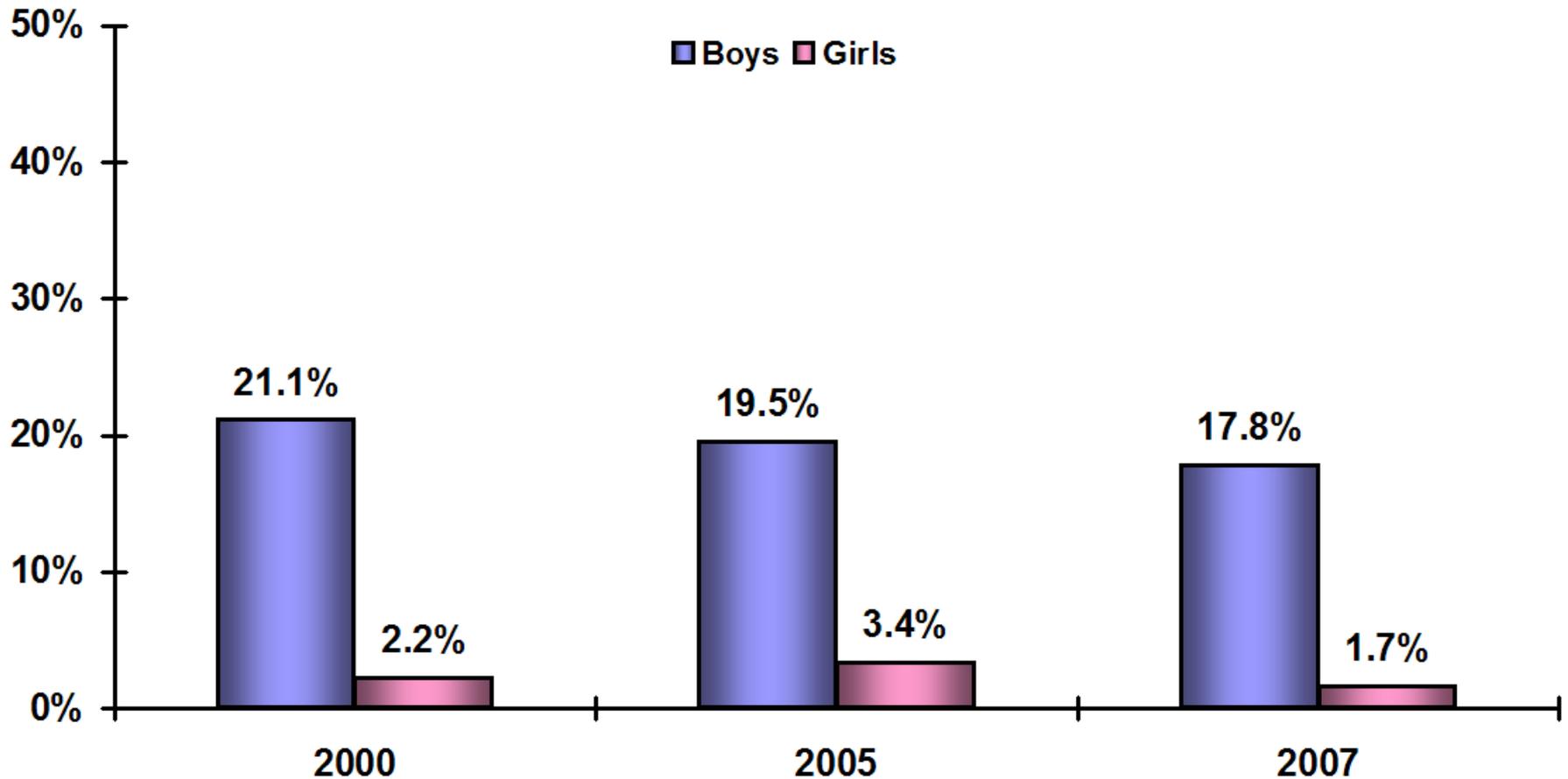
Current Smokeless Tobacco Use among High School Students* by Race/Ethnicity and Gender Arkansas 2007



*Students in grades 9-12 who report having used smokeless tobacco products on ≥ 1 day during the previous 30 days.

Source: Arkansas Youth Tobacco Survey

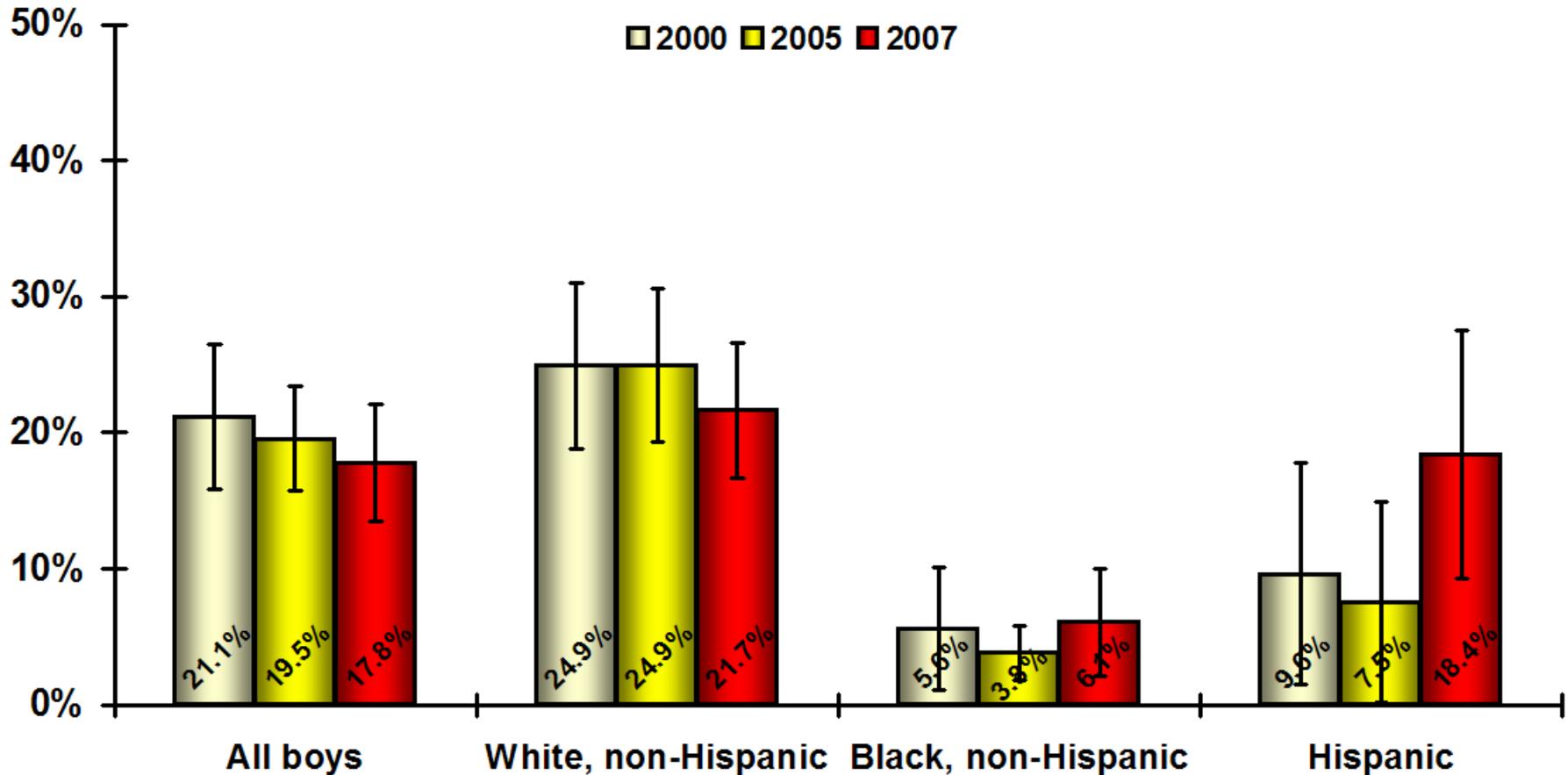
Current Smokeless Tobacco Use among High School Students* by Gender Arkansas 2000, 2005, & 2007



*Students in grades 9-12 who report having used smokeless tobacco products on ≥ 1 day during the previous 30 days.

Source: Arkansas Youth Tobacco Survey

Current Smokeless Tobacco Use among High School Boys* by Race/Ethnicity Arkansas 2000, 2005, & 2007

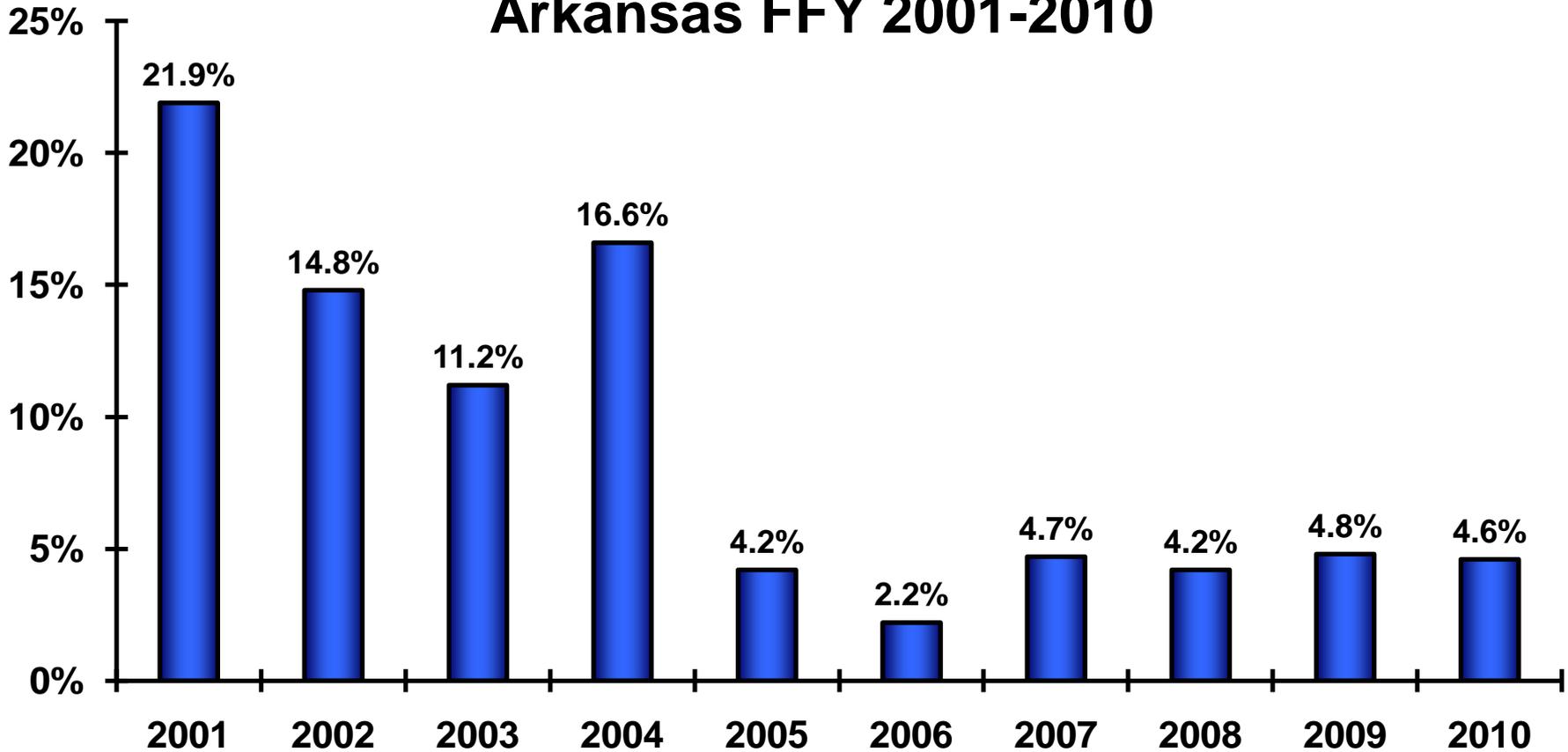


*Male students in grades 9-12 who report having used smokeless tobacco products on ≥ 1 day during the previous 30 days.

Source: Arkansas Youth Tobacco Survey

E. Cigarette Sales to Minors Compliance Checks

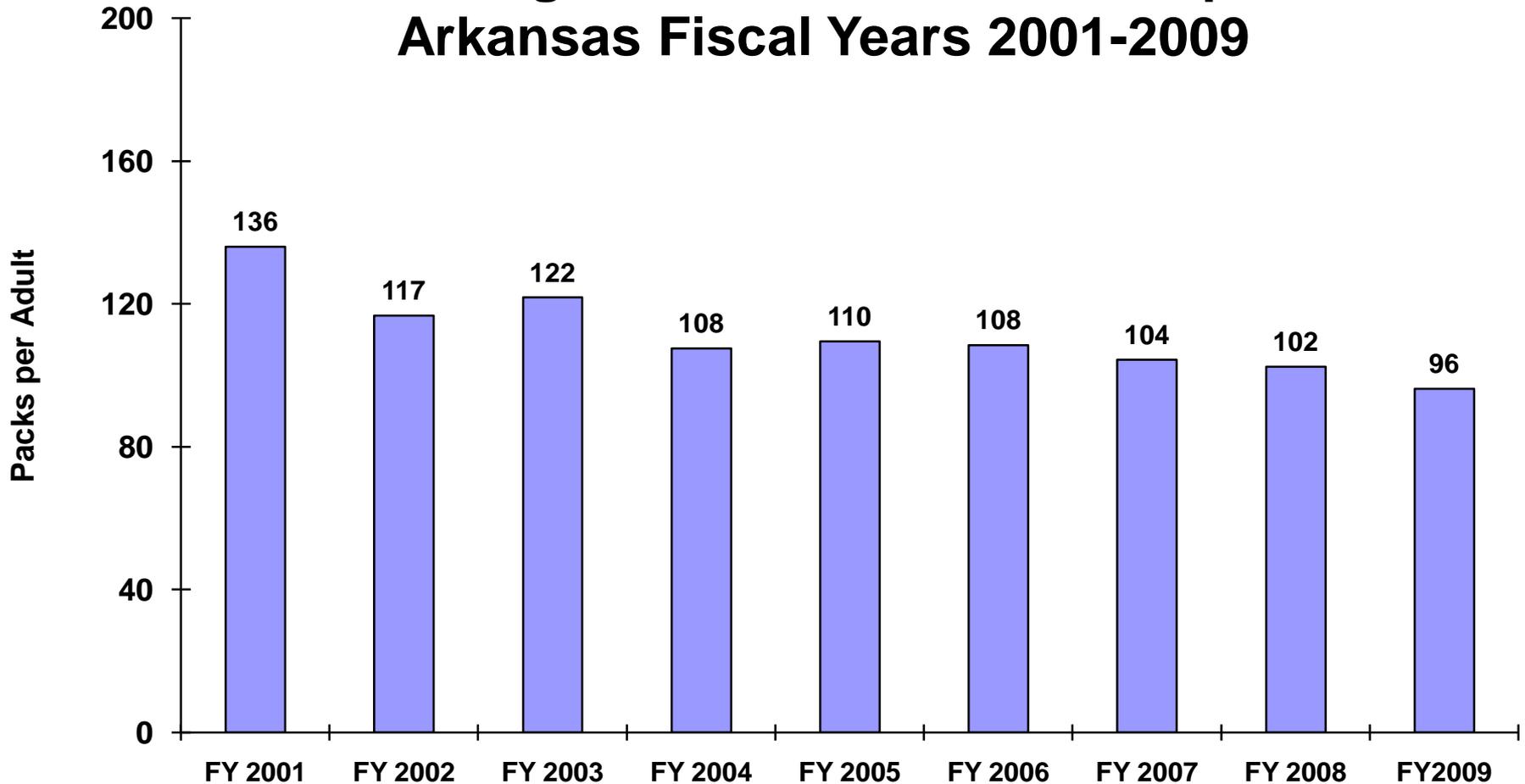
Successful Youth Attempts to Purchase Tobacco from Retail Sources Arkansas FFY 2001-2010



Source: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration (SAMHSA) Compliance Checks

F. Cigarette Consumption and Revenues from Excise Taxes

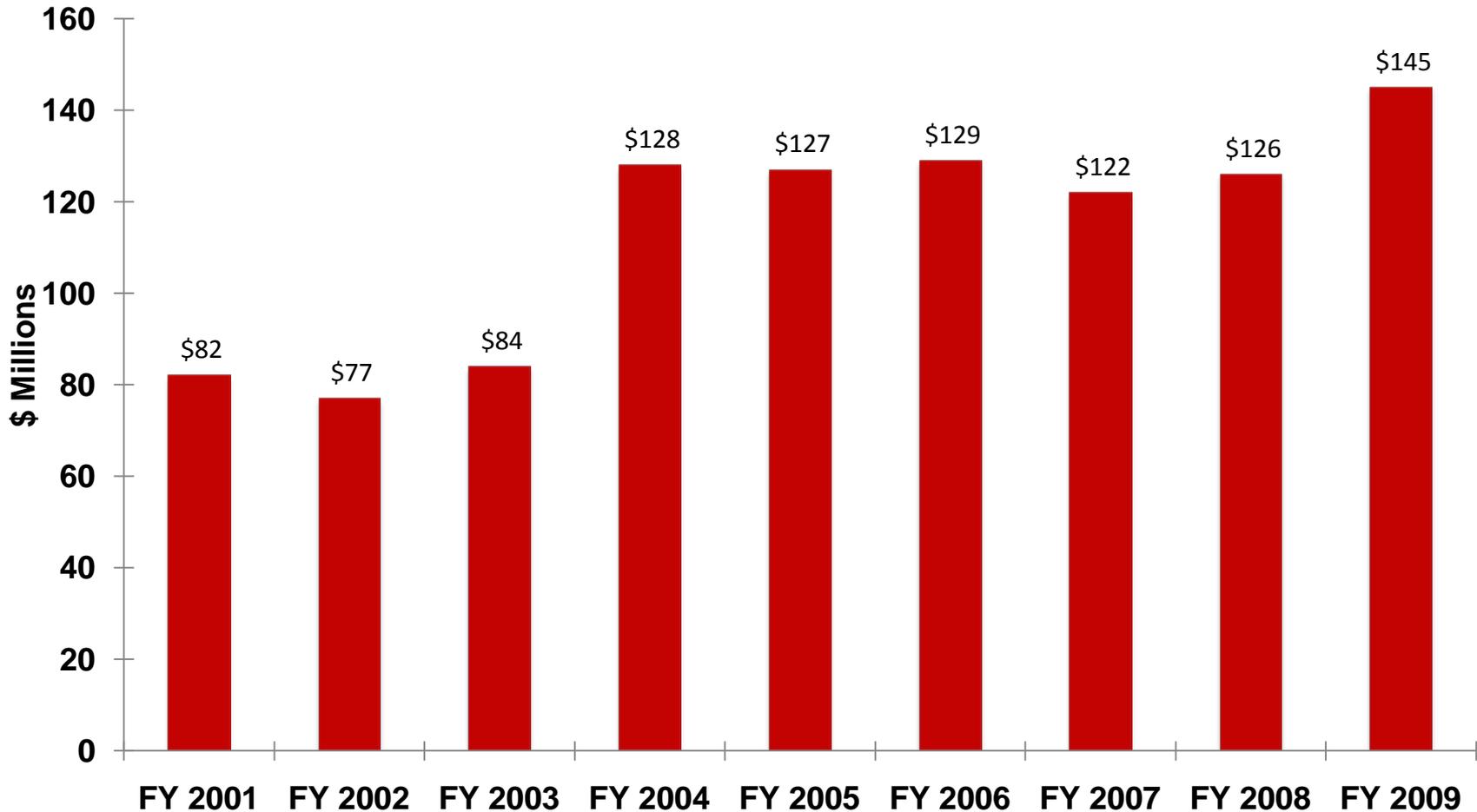
Per Capita Cigarette Consumption Number of Cigarette Packs Sold Taxed per Adult* Arkansas Fiscal Years 2001-2009



*Midyear population \geq 18 years

Sources: Orzechowski & Walker, The Tax Burden on Tobacco: Historical Compilation 2009 & U.S. Census Bureau

Cigarette Excise Tax Collections Arkansas Fiscal Years 2001-2009



Sources: Orzechowski & Walker, *The Tax Burden on Tobacco: Historical Compilation 2009*

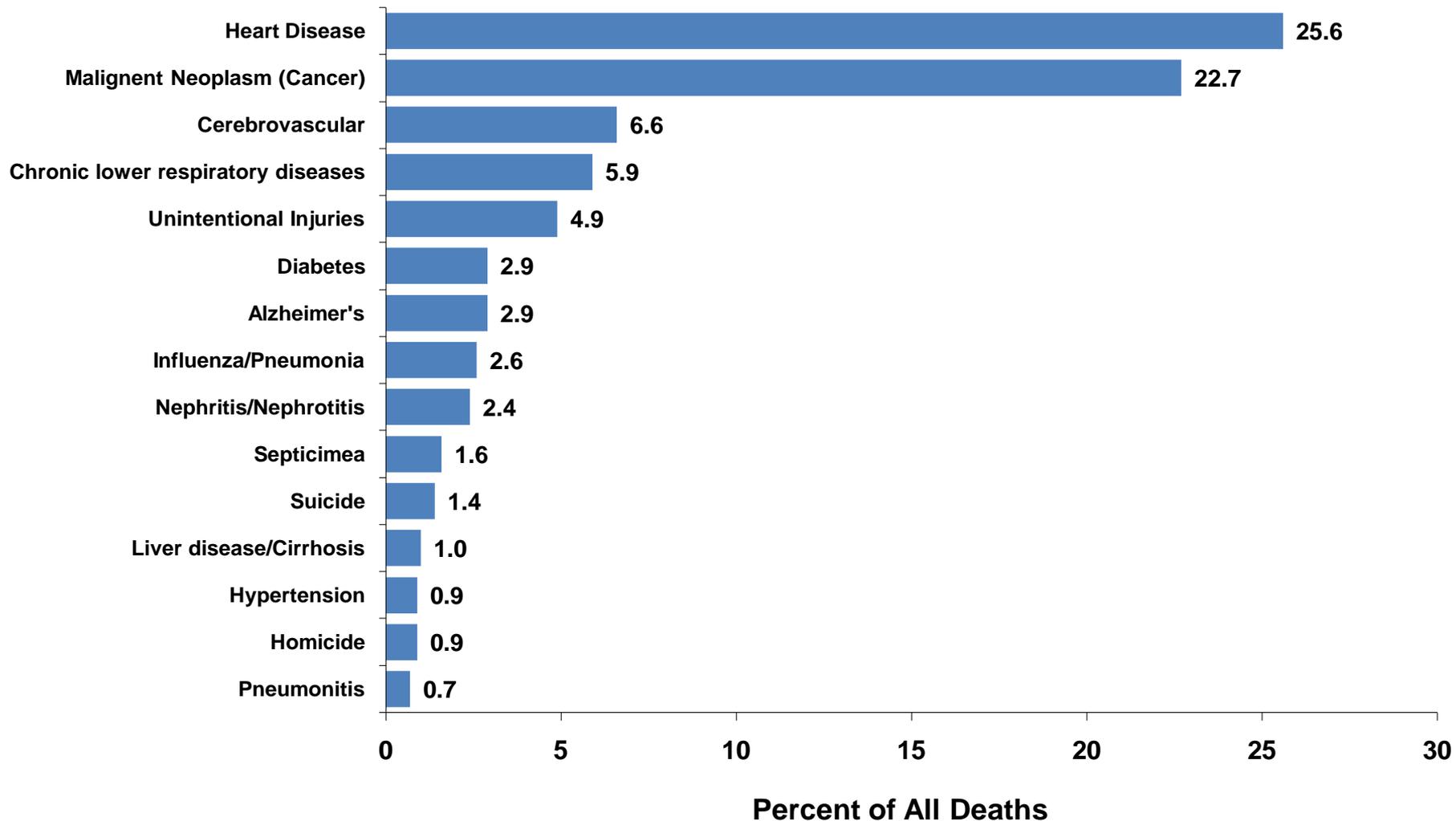
SECTION II

Impact of Tobacco Use: Heart Disease and Stroke



A. Leading Causes of Death

Top Fifteen Leading Causes of Death (All Ages), Arkansas, 2007

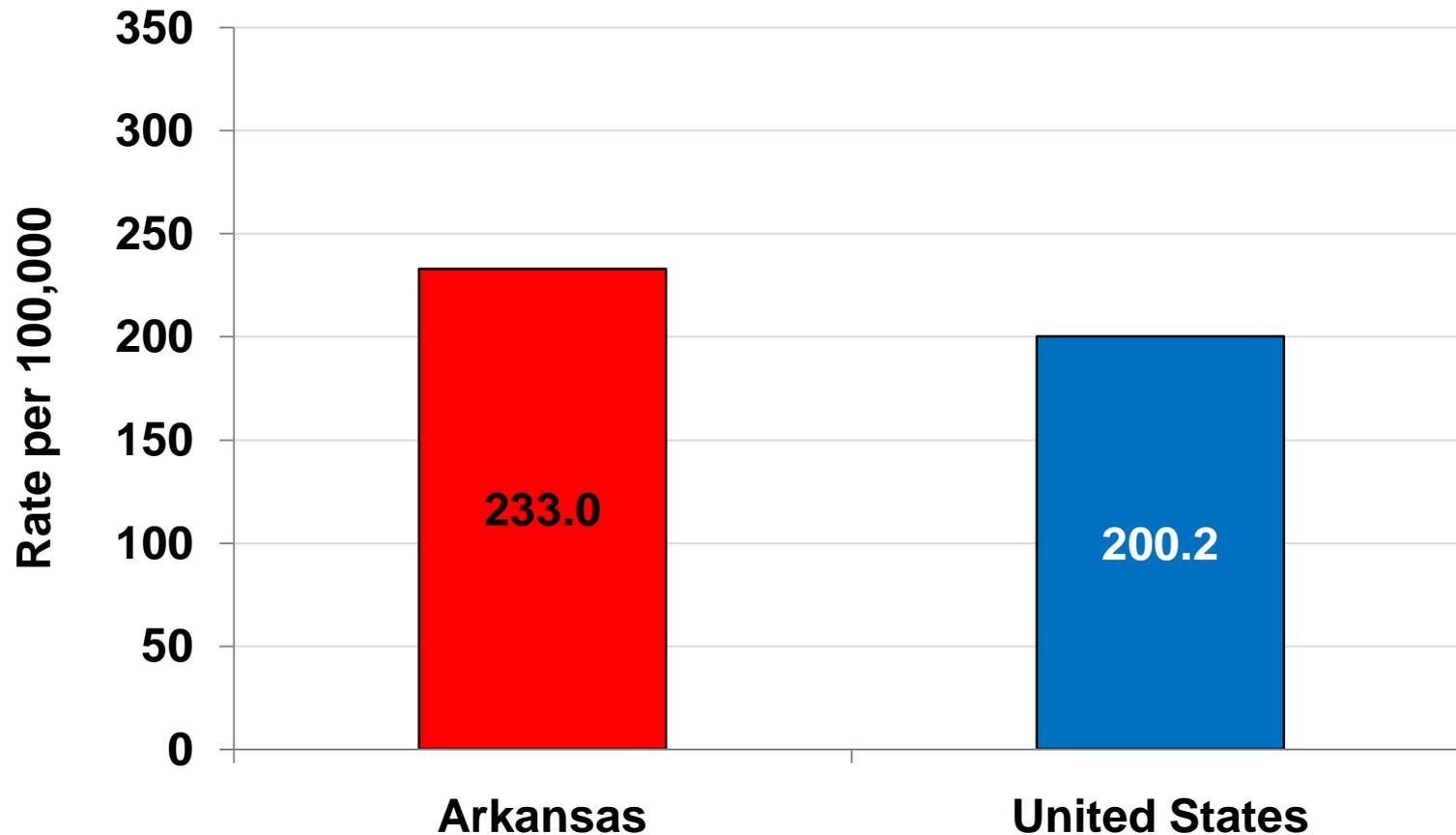


Source: Arkansas Health Statistics Branch

B. Heart Disease Mortality

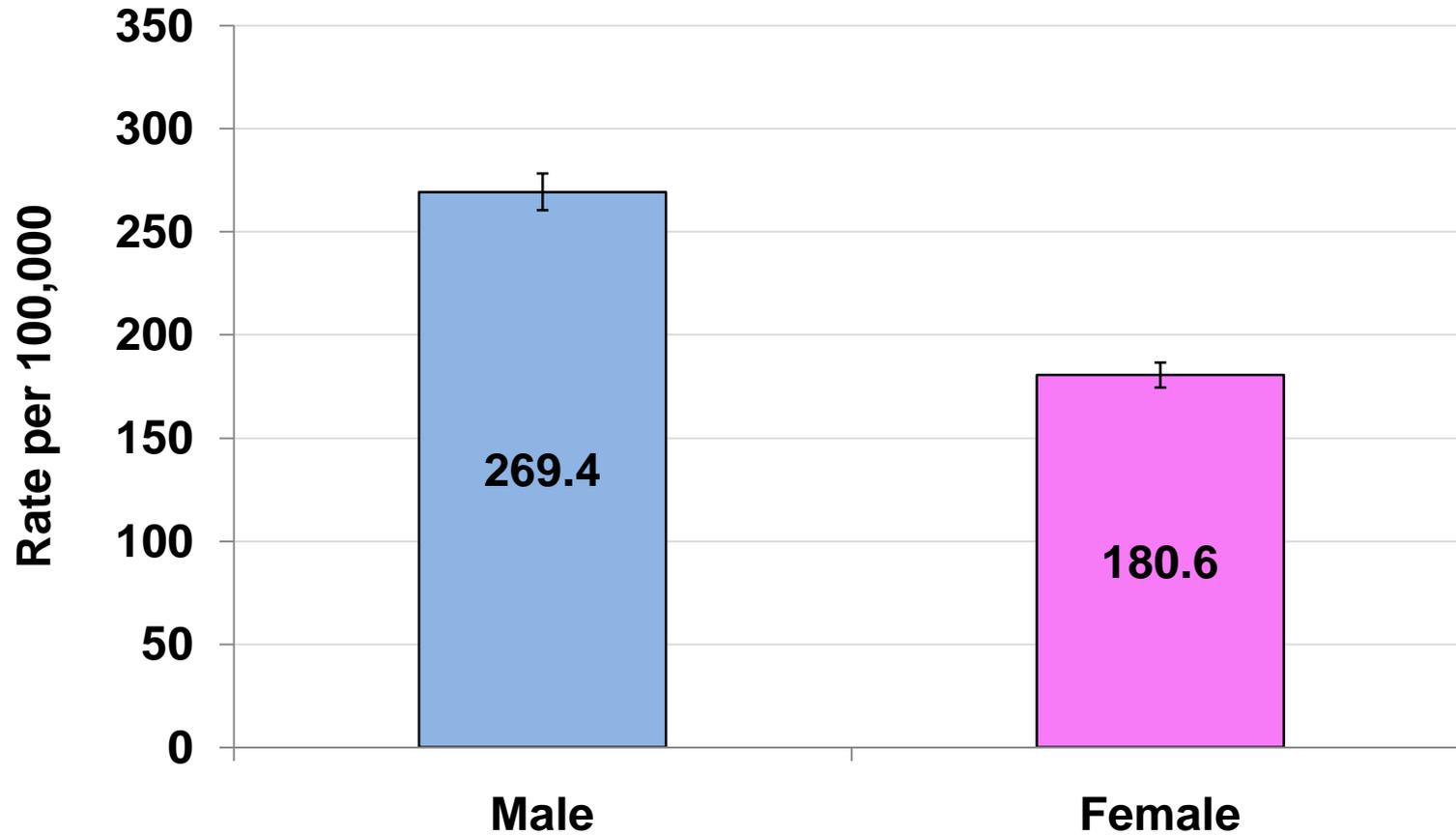


Age-Adjusted Heart Disease Mortality Rate Arkansas and U.S., 2006



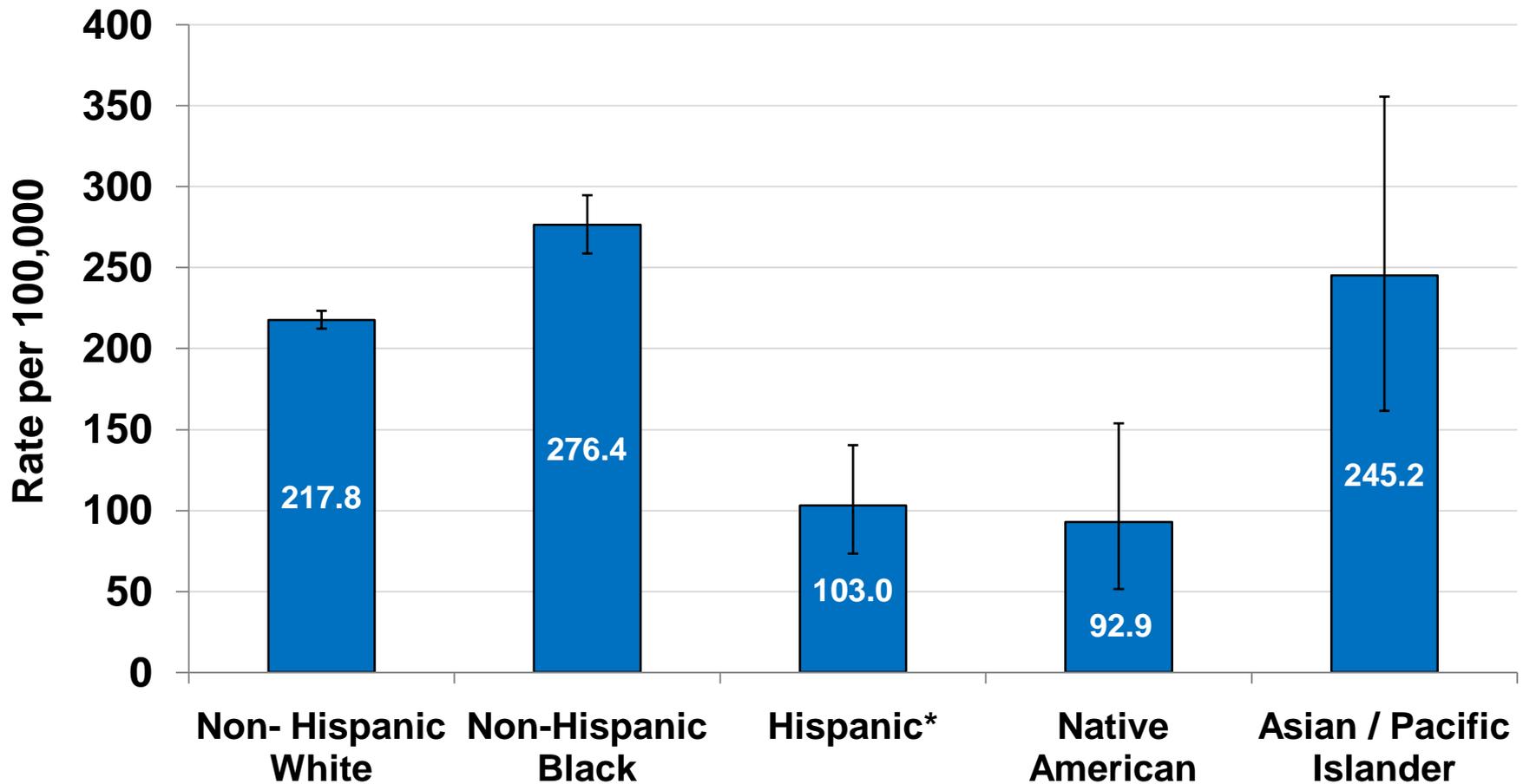
Source: CDC Wonder and Arkansas Health Statistics Branch

Age-Adjusted Heart Disease Mortality Rate Arkansas, by Gender, 2007



Source: Arkansas Health Statistics Branch

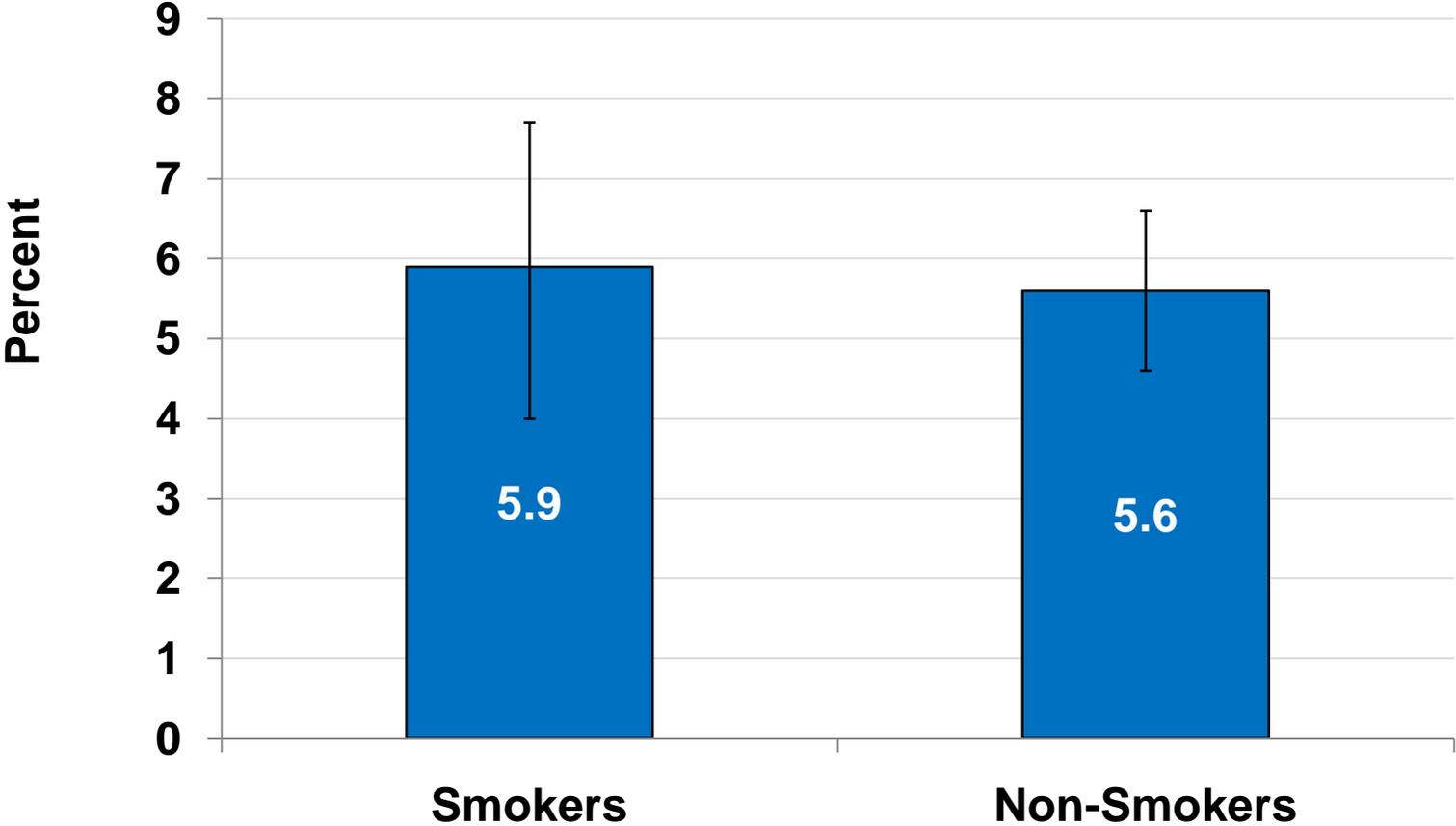
Age-Adjusted Heart Disease Mortality Rate Arkansas, by Race/Ethnicity, 2007



*Hispanic includes all races

Source: Arkansas Health Statistics Branch

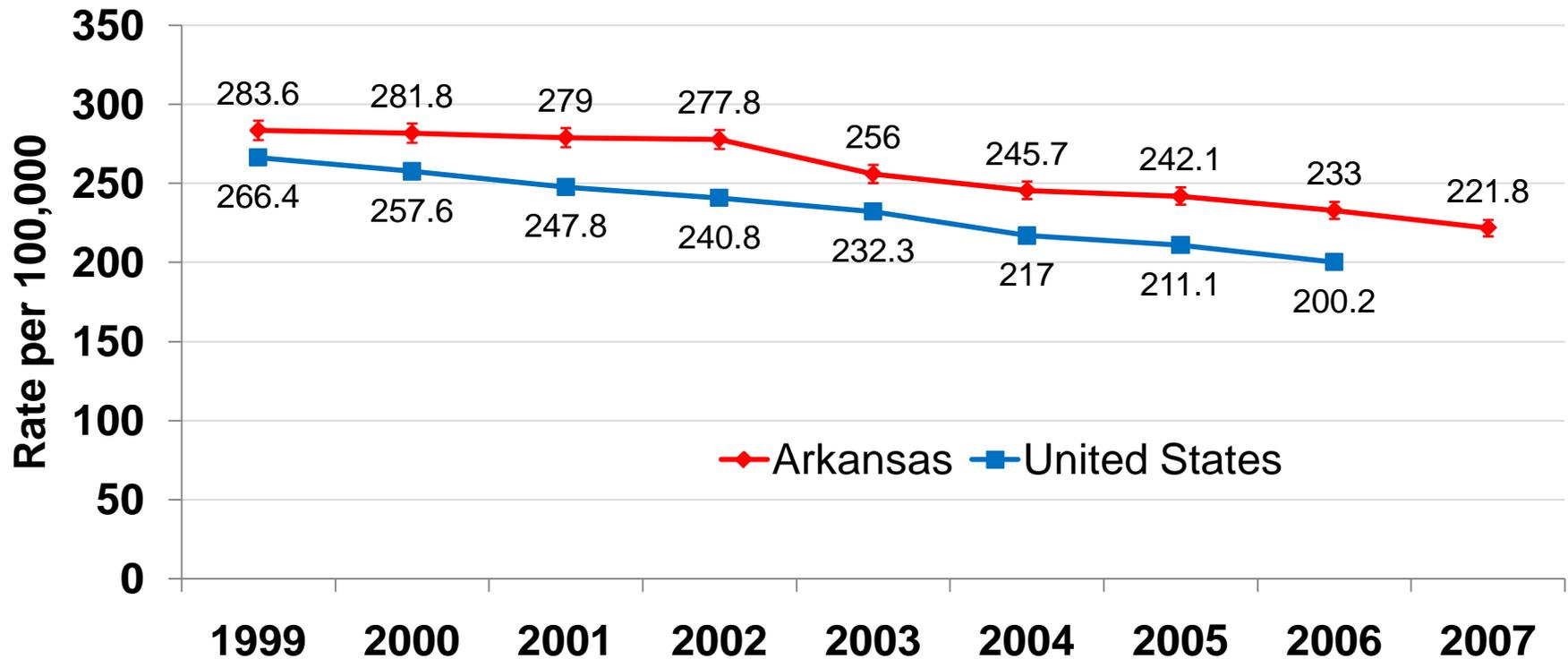
Coronary Heart Disease Arkansas, by Smoking Status, 2009



Source: Behavioral Risk Factor Surveillance System

Question: Have you ever been told by a doctor or other health care professional that you have angina or coronary heart disease?

Age-Adjusted Heart Disease Mortality Arkansas and U.S., 1999-2007

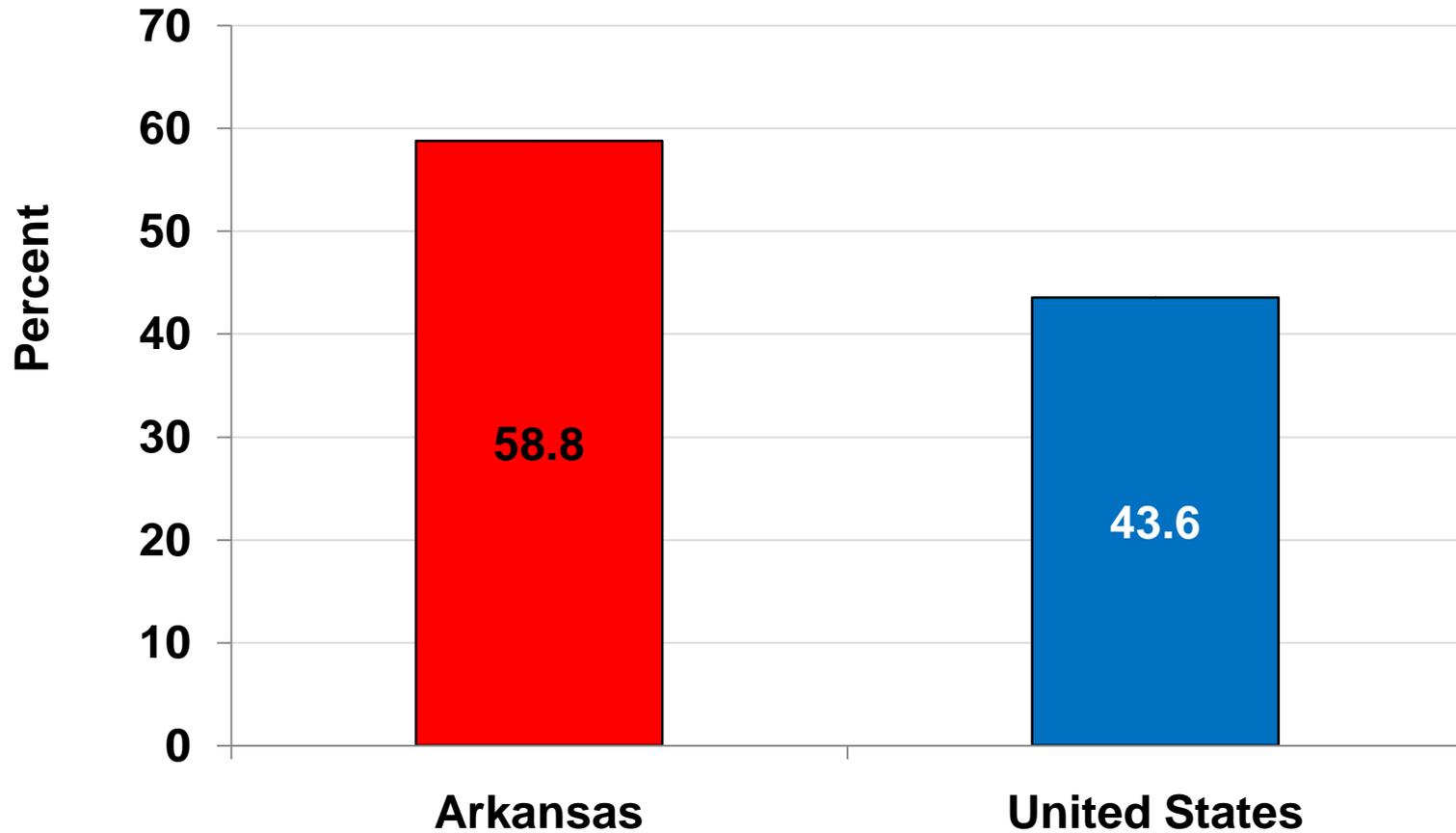


Sources: CDC Wonder and Arkansas Health Statistics Branch
Note: U.S. data not available for 2007 as of July 2010

C. Stroke Mortality

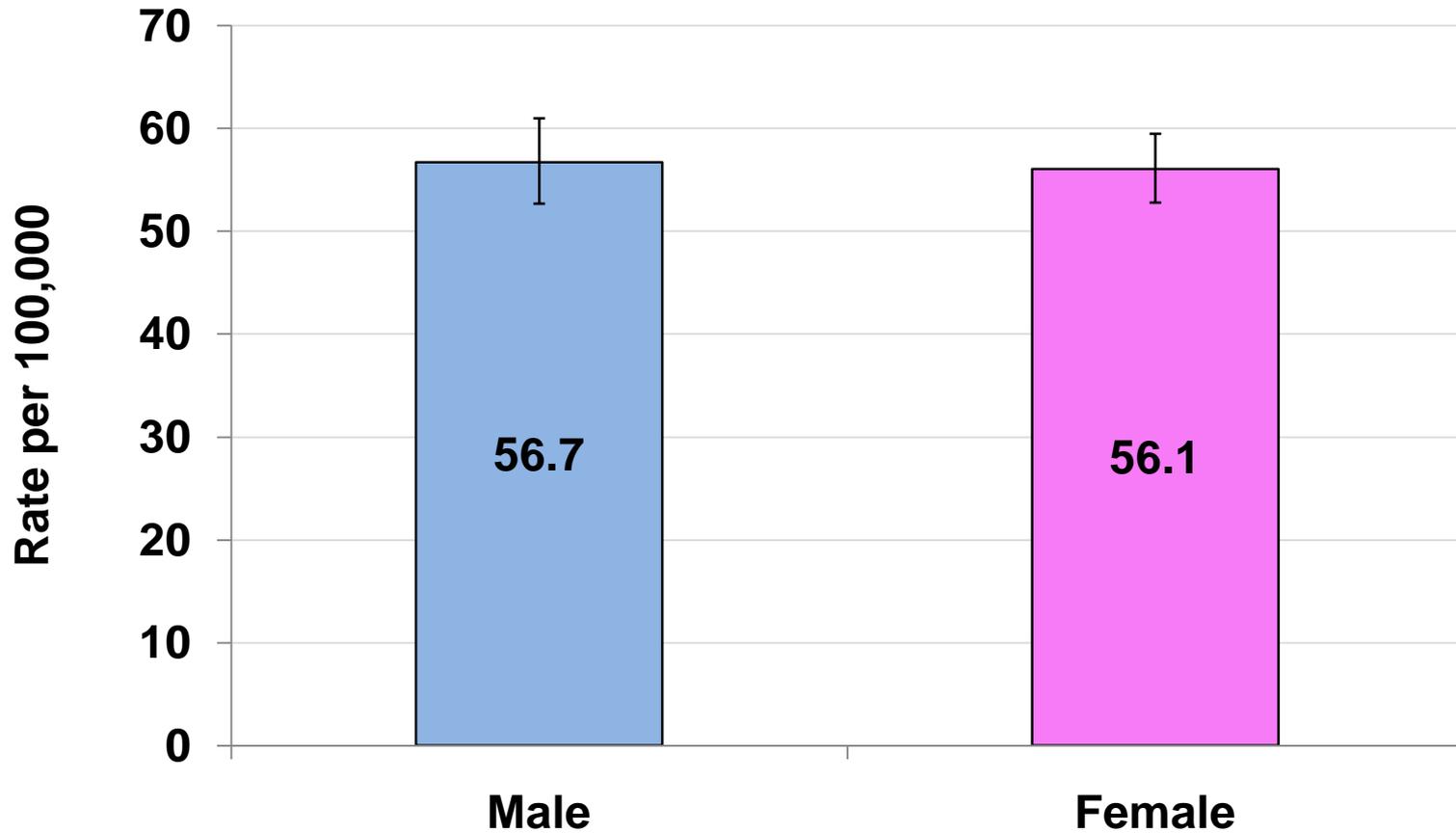


Age-Adjusted Stroke Mortality Rate Arkansas and U.S., 2006



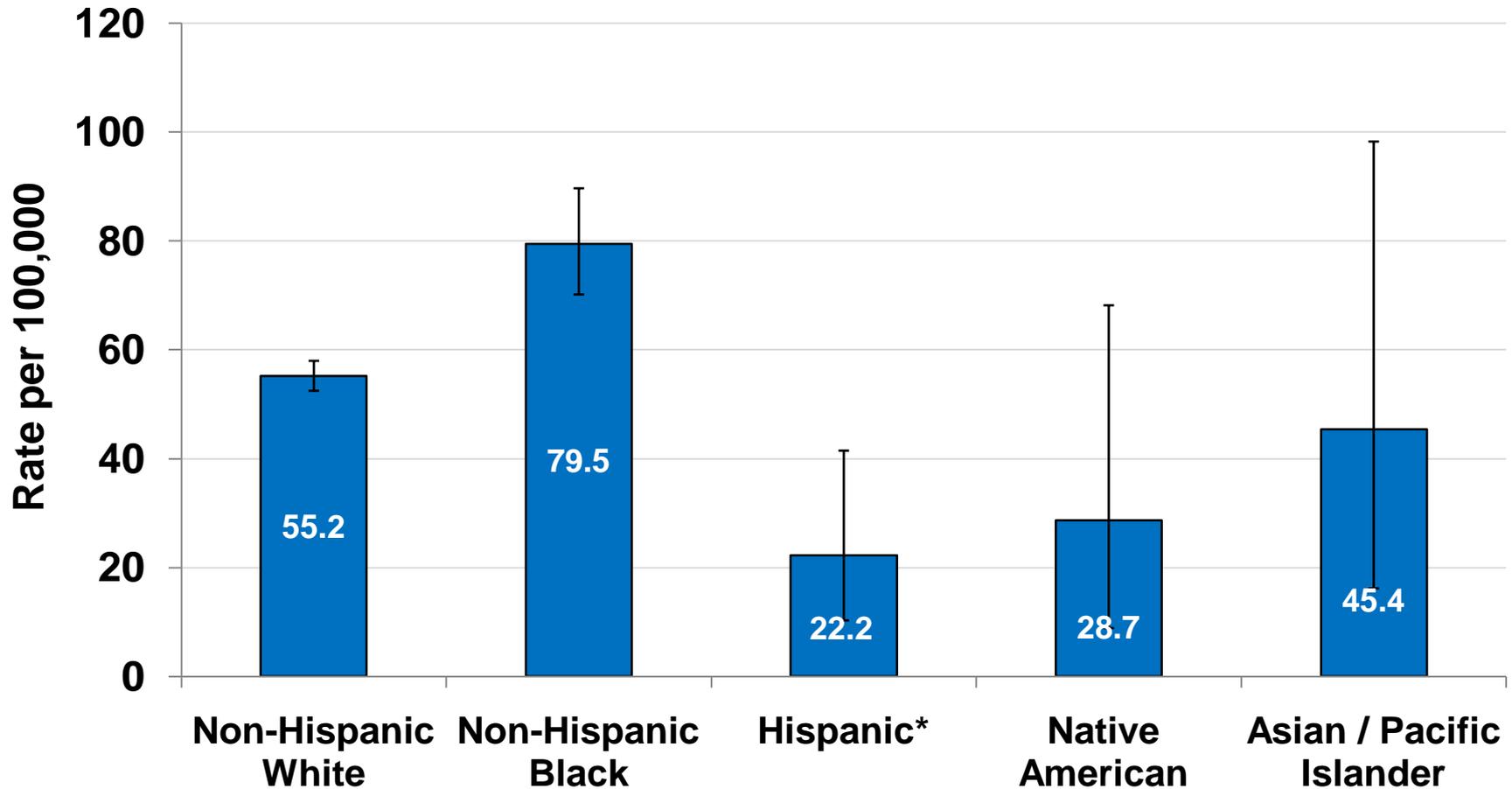
Source: CDC Wonder and Arkansas Health Statistics Branch

Age-Adjusted Cerebrovascular Disease Mortality Rate Arkansas, by Gender, 2007



Source: Arkansas Health Statistics Branch

Age-Adjusted Cerebrovascular Disease Mortality Rate Arkansas, by Race/Ethnicity 2007

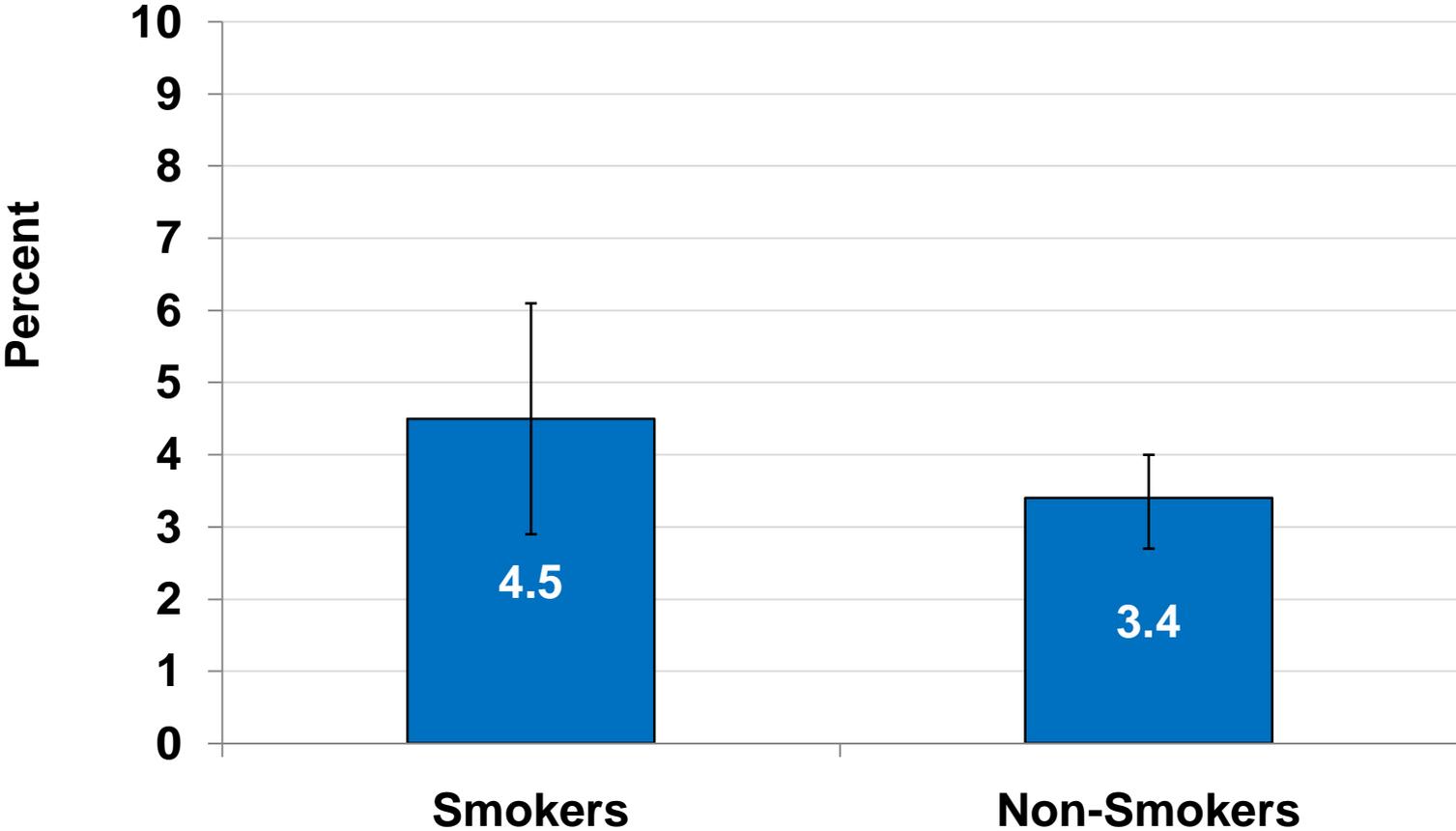


*Hispanic includes all races

Source: Arkansas Health Statistics Branch

Stroke

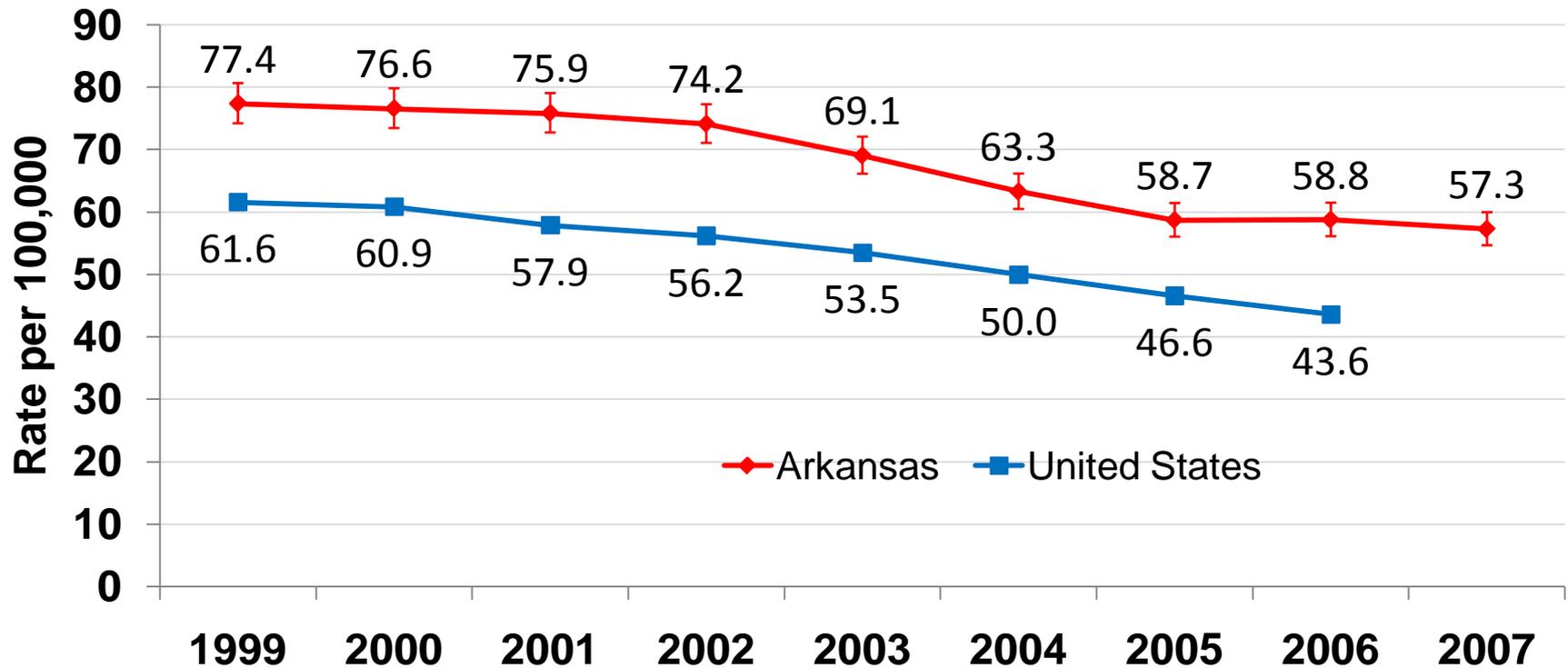
Arkansas, by Smoking Status, 2009



Source: Behavioral Risk Factor Surveillance System

Question: Have you ever been told by a doctor or other health care professional that you have had a stroke?

Age-Adjusted Cerebrovascular Disease Mortality Arkansas and U.S., 1999-2007

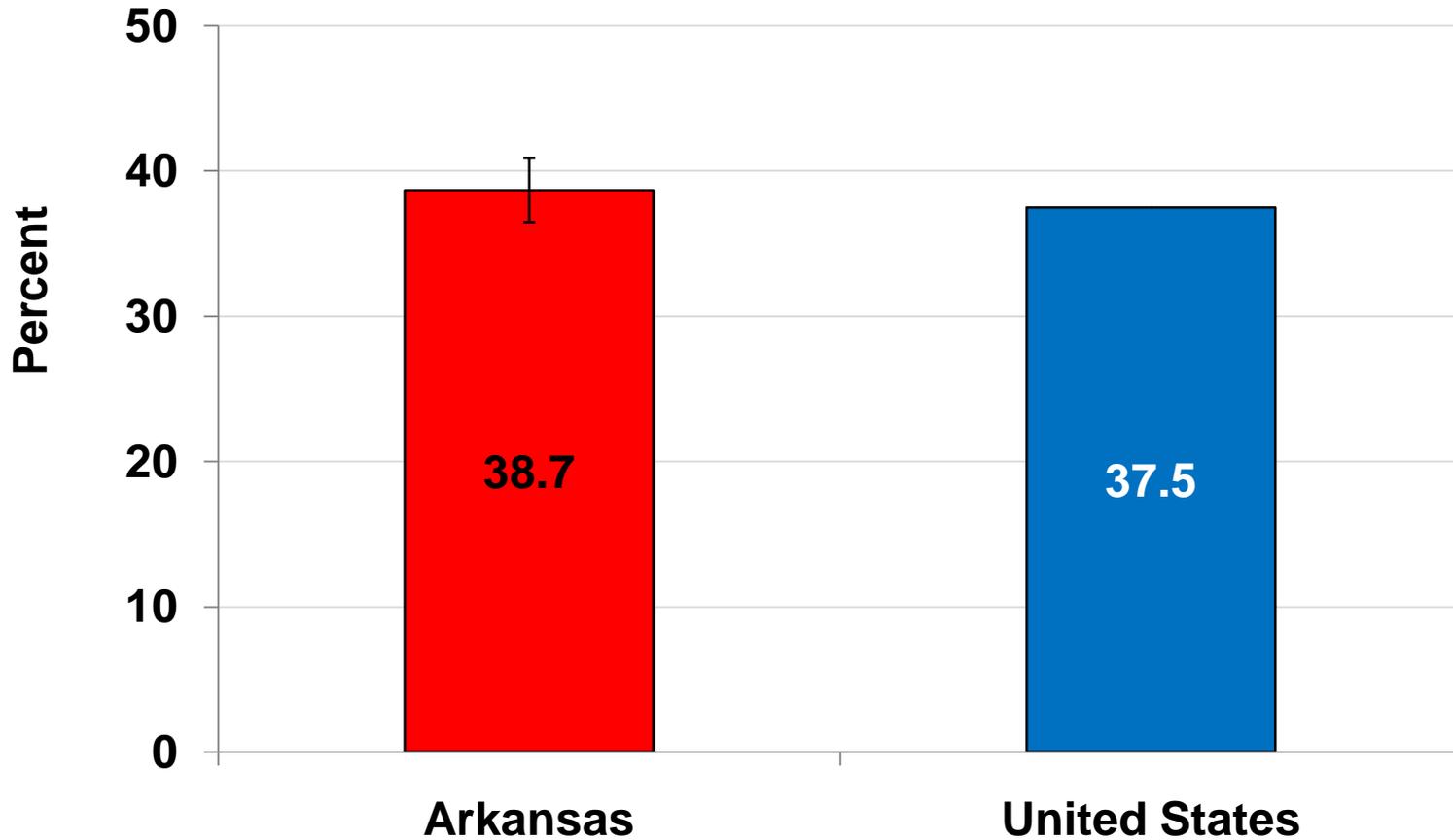


Sources: CDC Wonder and Arkansas Health Statistics Branch
Note: U.S. data not available for 2007 as of July 2010

D. High Blood Cholesterol



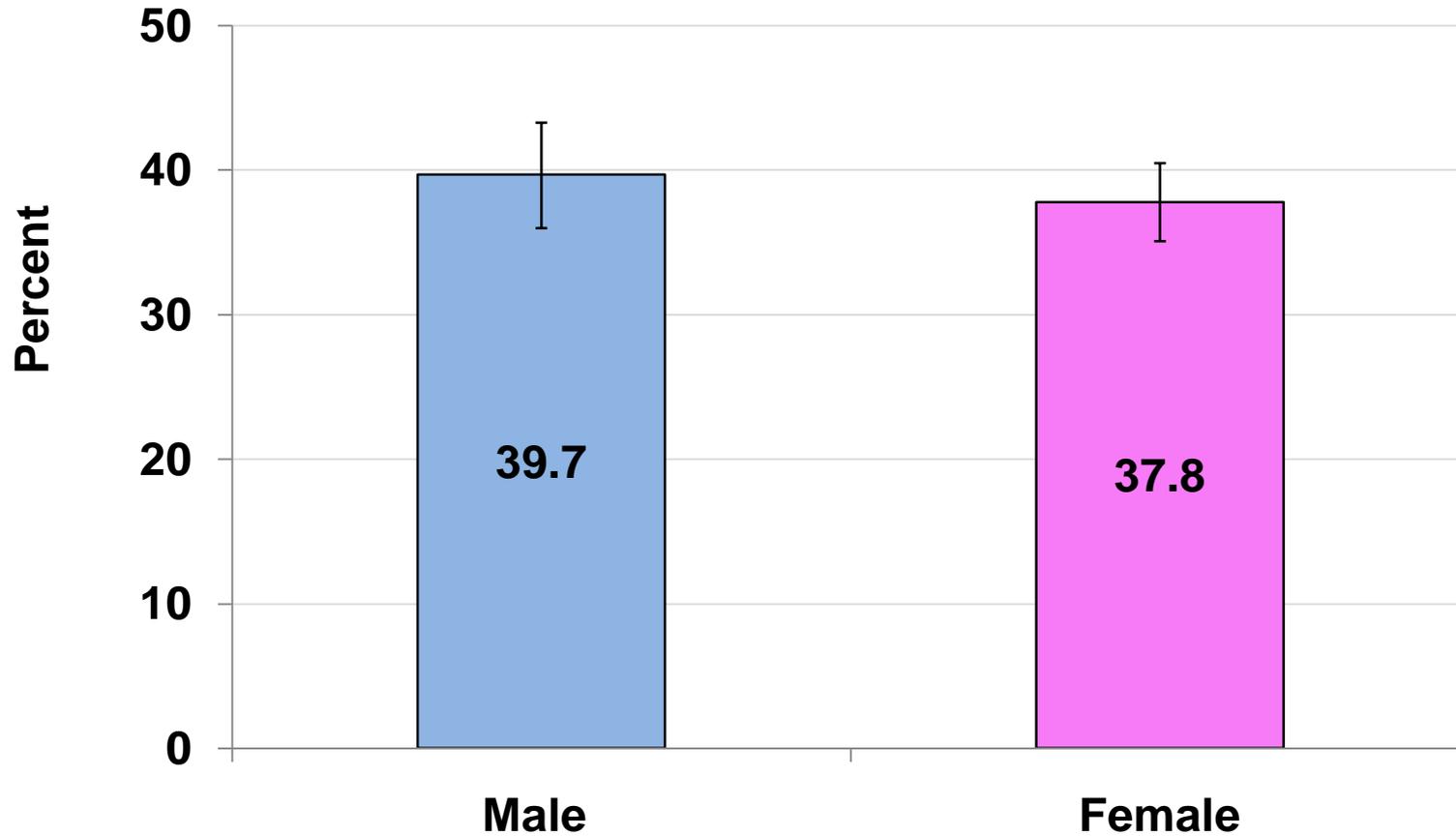
High Blood Cholesterol Arkansas and U.S., 2009



Source: Behavioral Risk Factor Surveillance System

Question: Have you ever been told by a doctor or other health care professional that your blood cholesterol was high?

High Blood Cholesterol Arkansas, by Gender, 2009

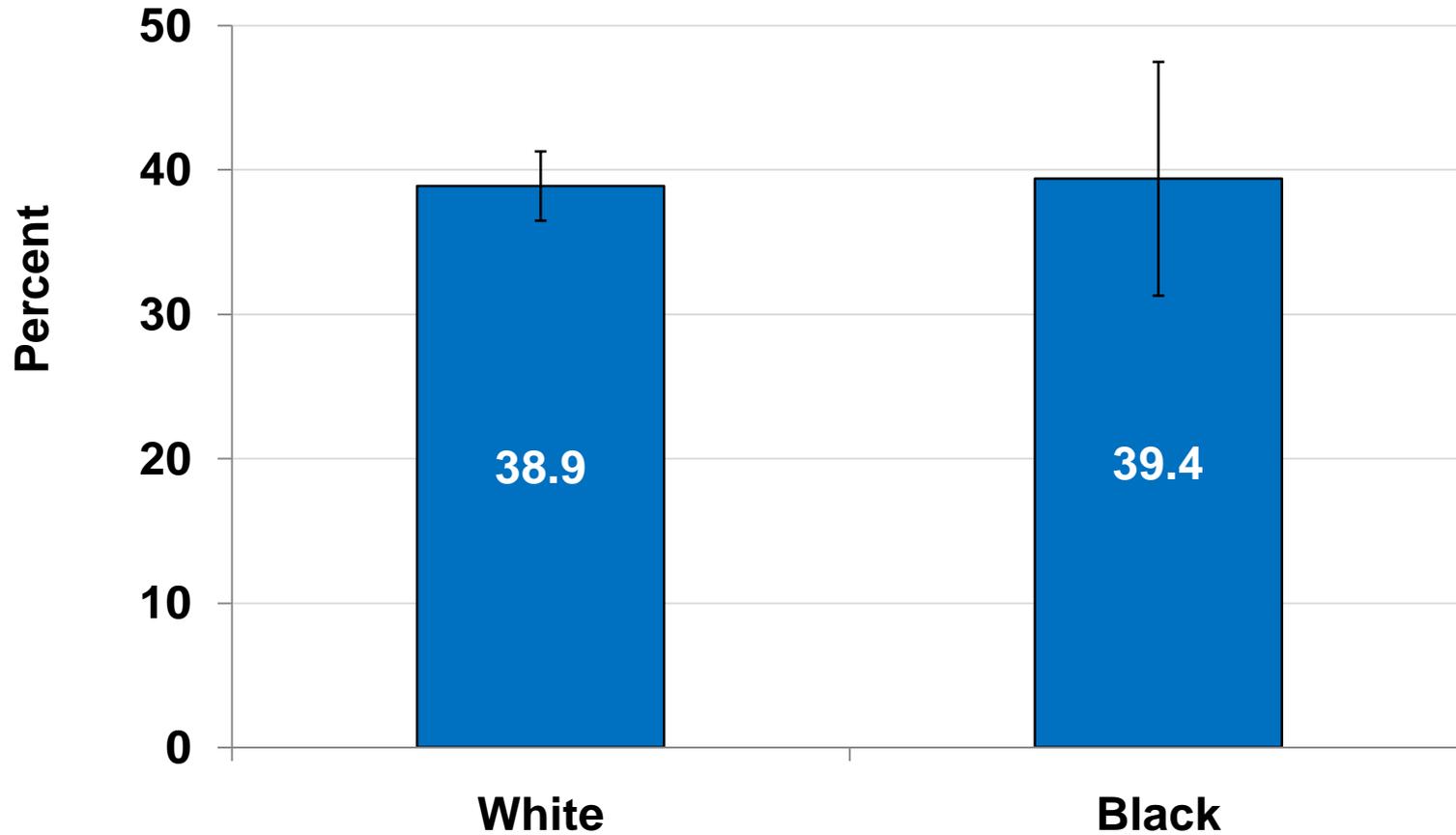


Source: Behavioral Risk Factor Surveillance System

Question: Have you ever been told by a doctor or other health care professional that your blood cholesterol was high?



High Blood Cholesterol Arkansas, by Race, 2009

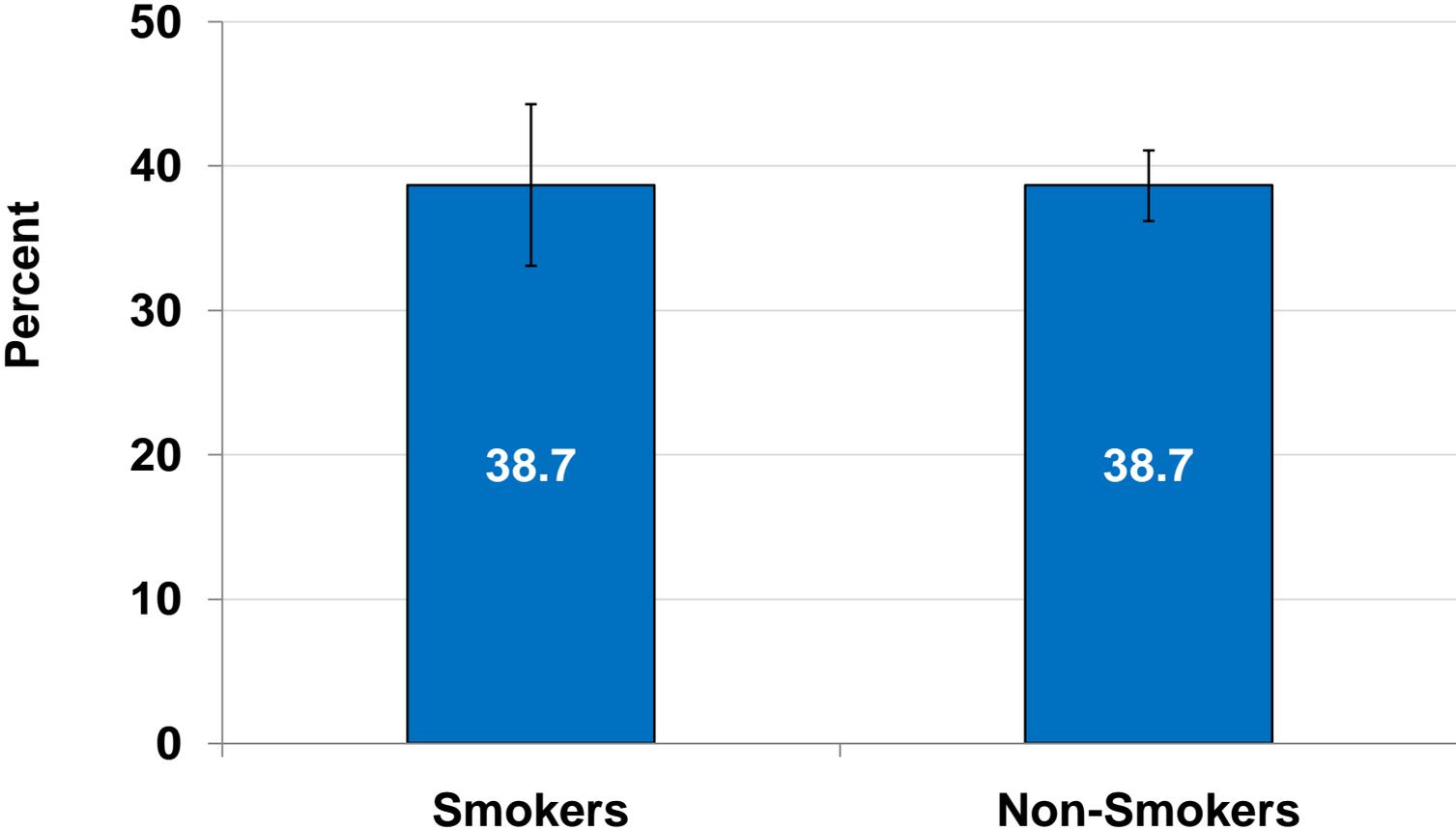


Source: Behavioral Risk Factor Surveillance System

Question: Have you ever been told by a doctor or other health care professional that your blood cholesterol was high?



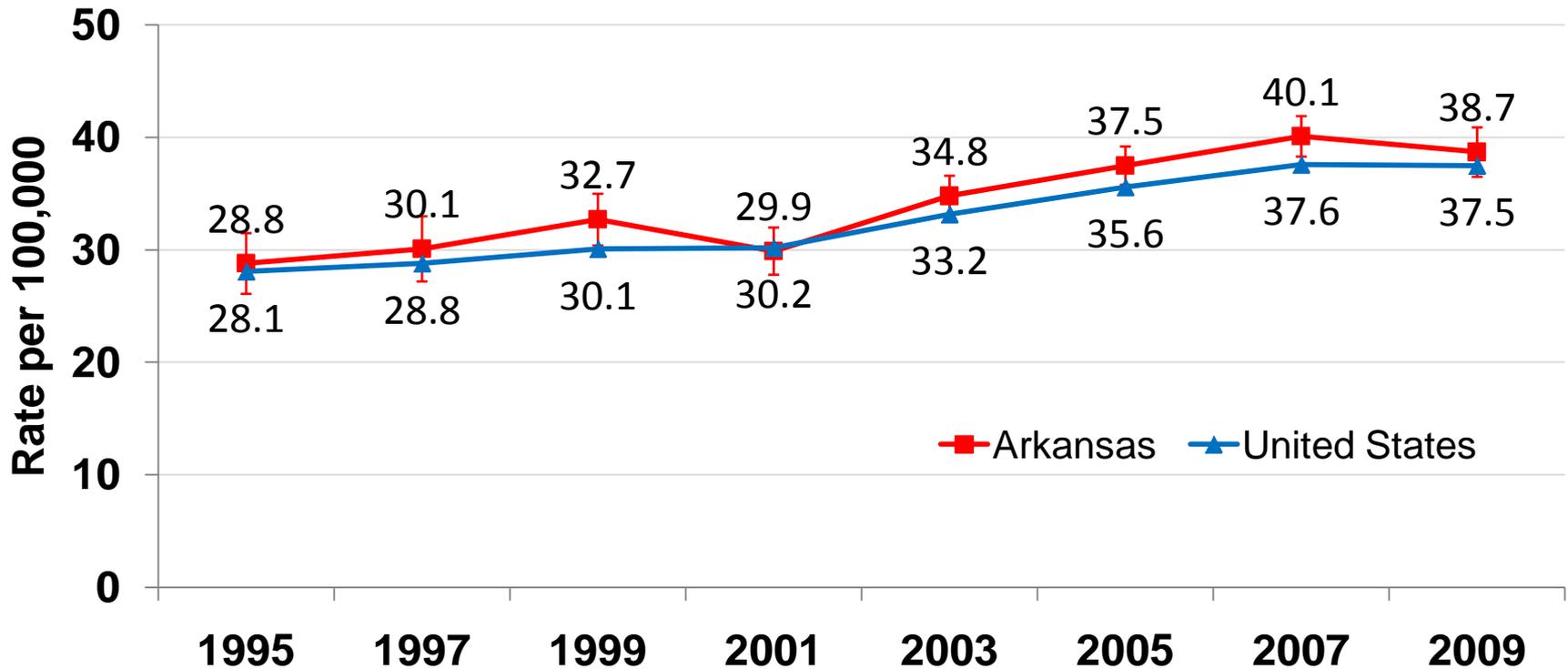
High Blood Cholesterol Arkansas, by Smoking Status, 2009



Source: Behavioral Risk Factor Surveillance System

Question: Have you ever been told by a doctor or other health care professional that your blood cholesterol was high?

Prevalence of High Blood Cholesterol Arkansas and U.S., 1995-2009



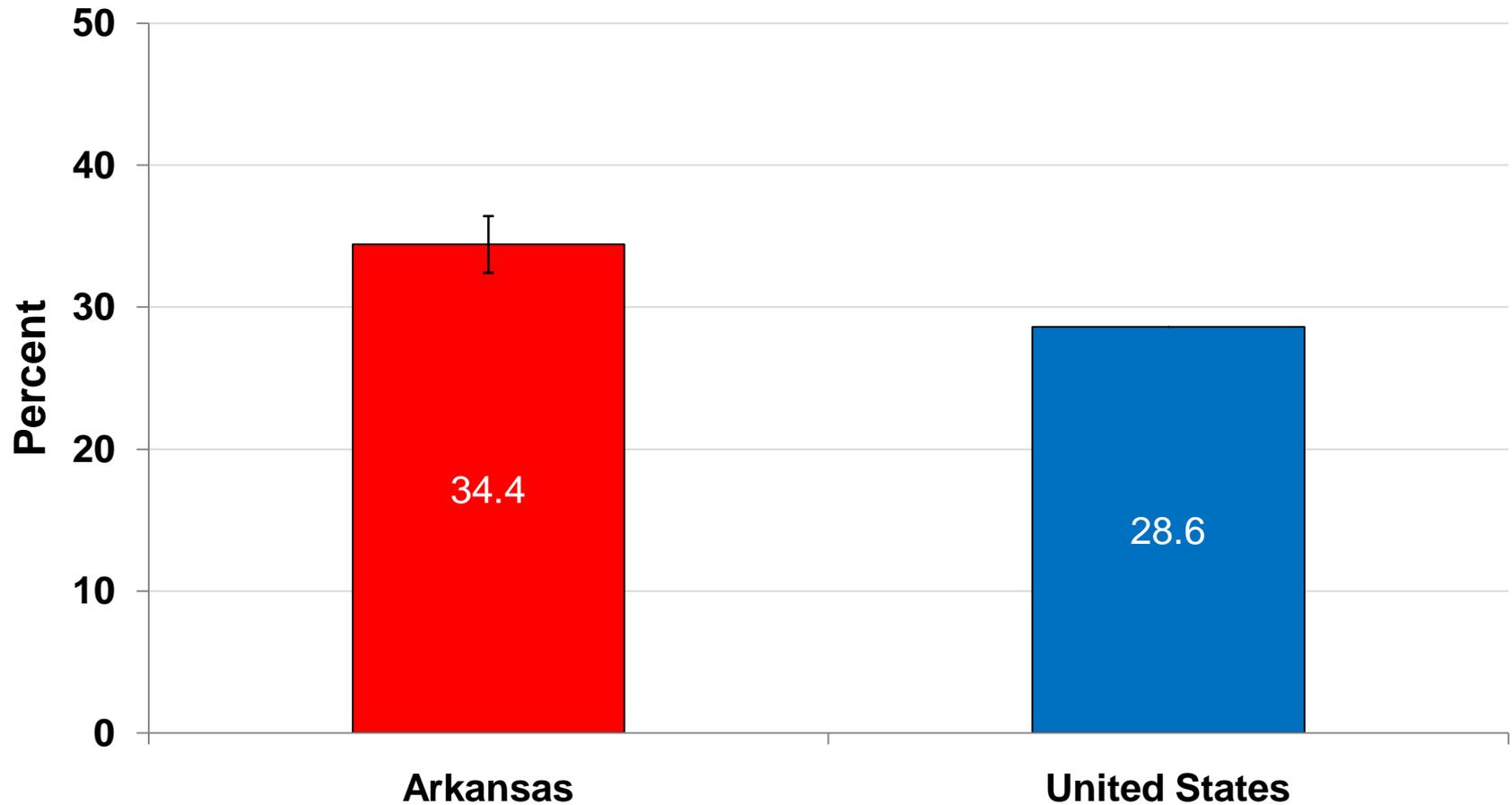
Source: Behavioral Risk Factor Surveillance System (BRFSS)

Question: Have you ever been told by a doctor or other health care professional that your blood cholesterol was high?

E. Hypertension



High Blood Pressure Arkansas and U.S., 2009

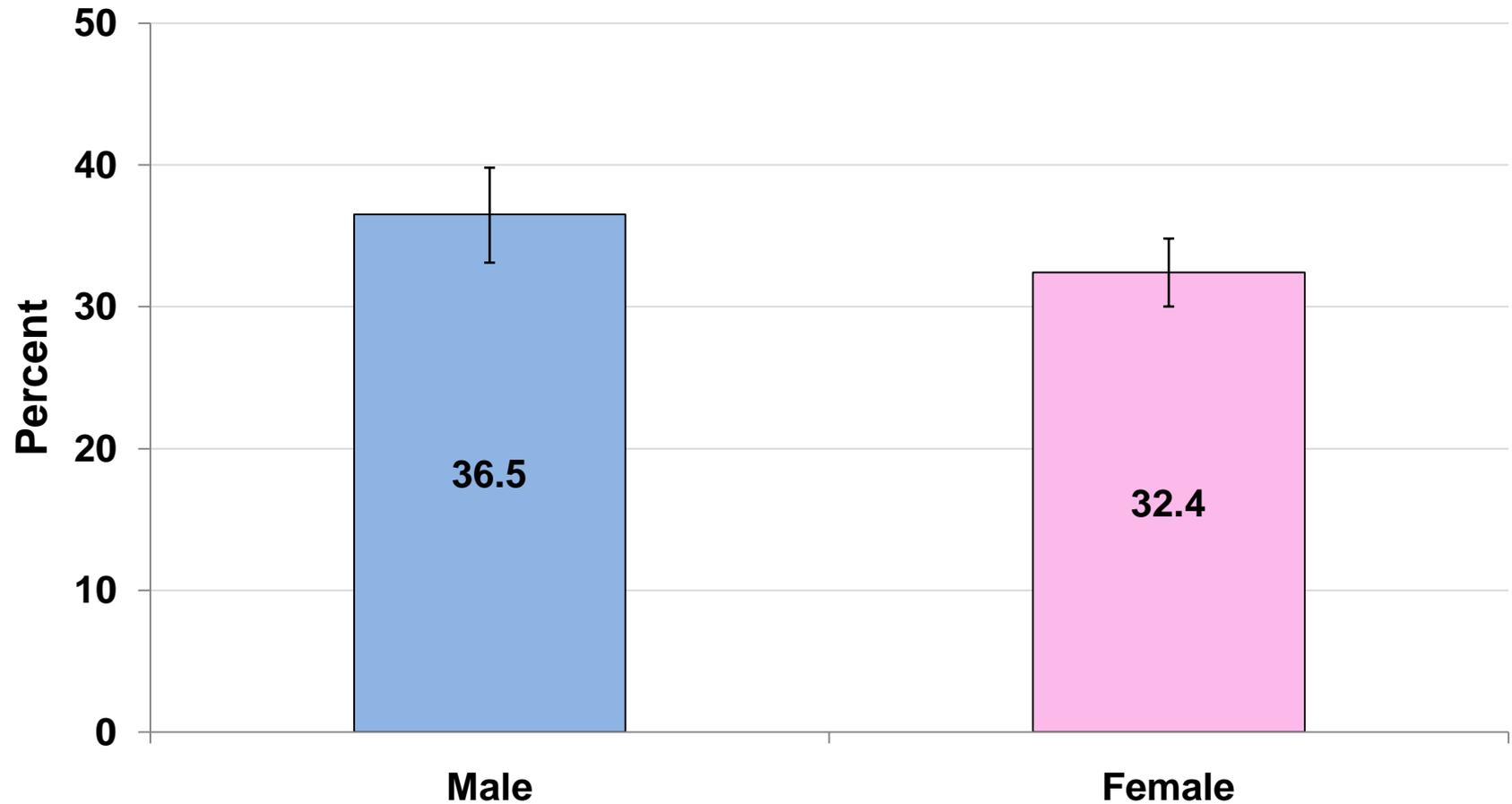


Source: Behavioral Risk Factor Surveillance System

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



High Blood Pressure Arkansas, by Gender, 2009

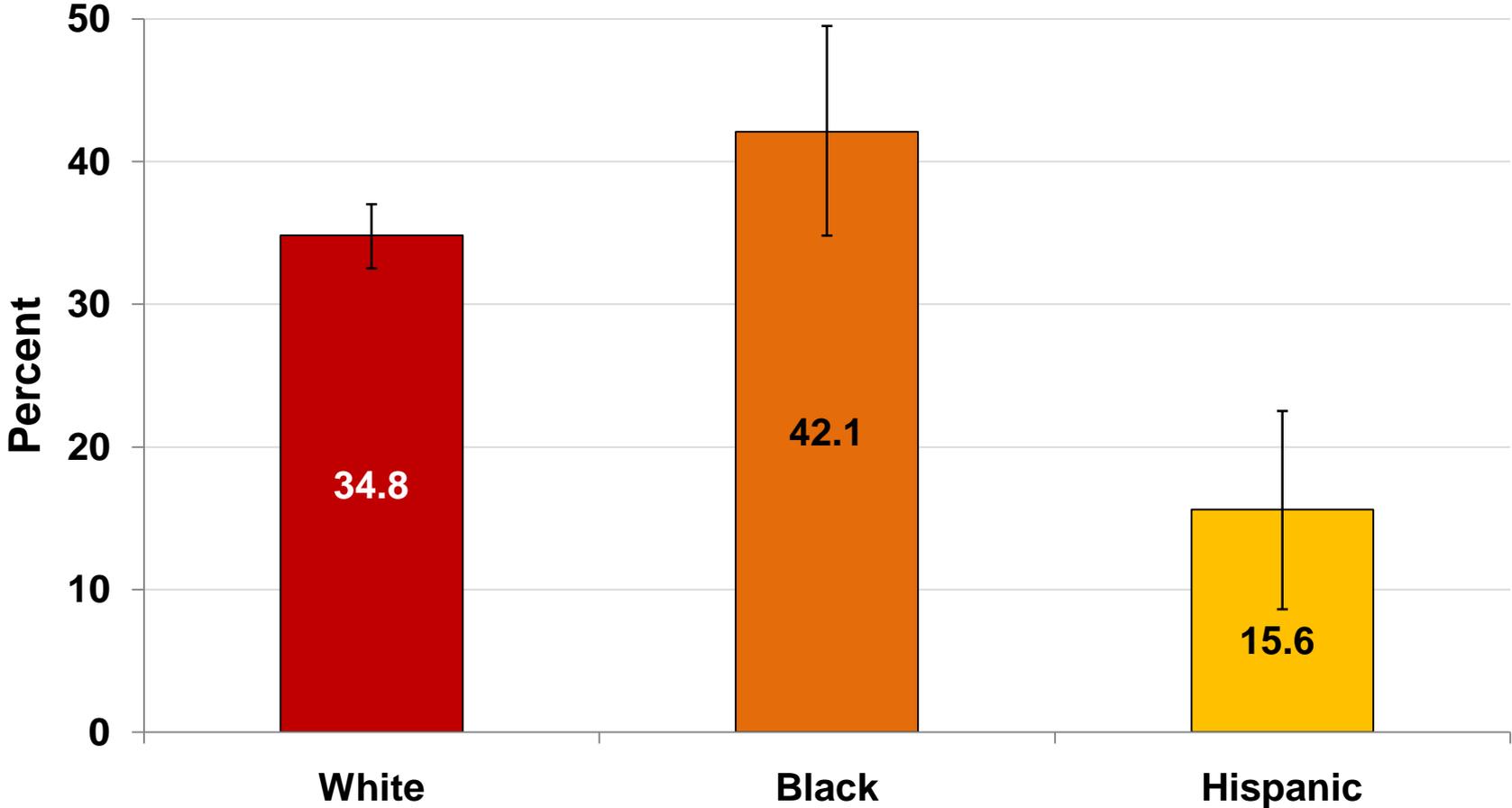


Source: Behavioral Risk Factor Surveillance System

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



High Blood Pressure Arkansas, by Race, 2009

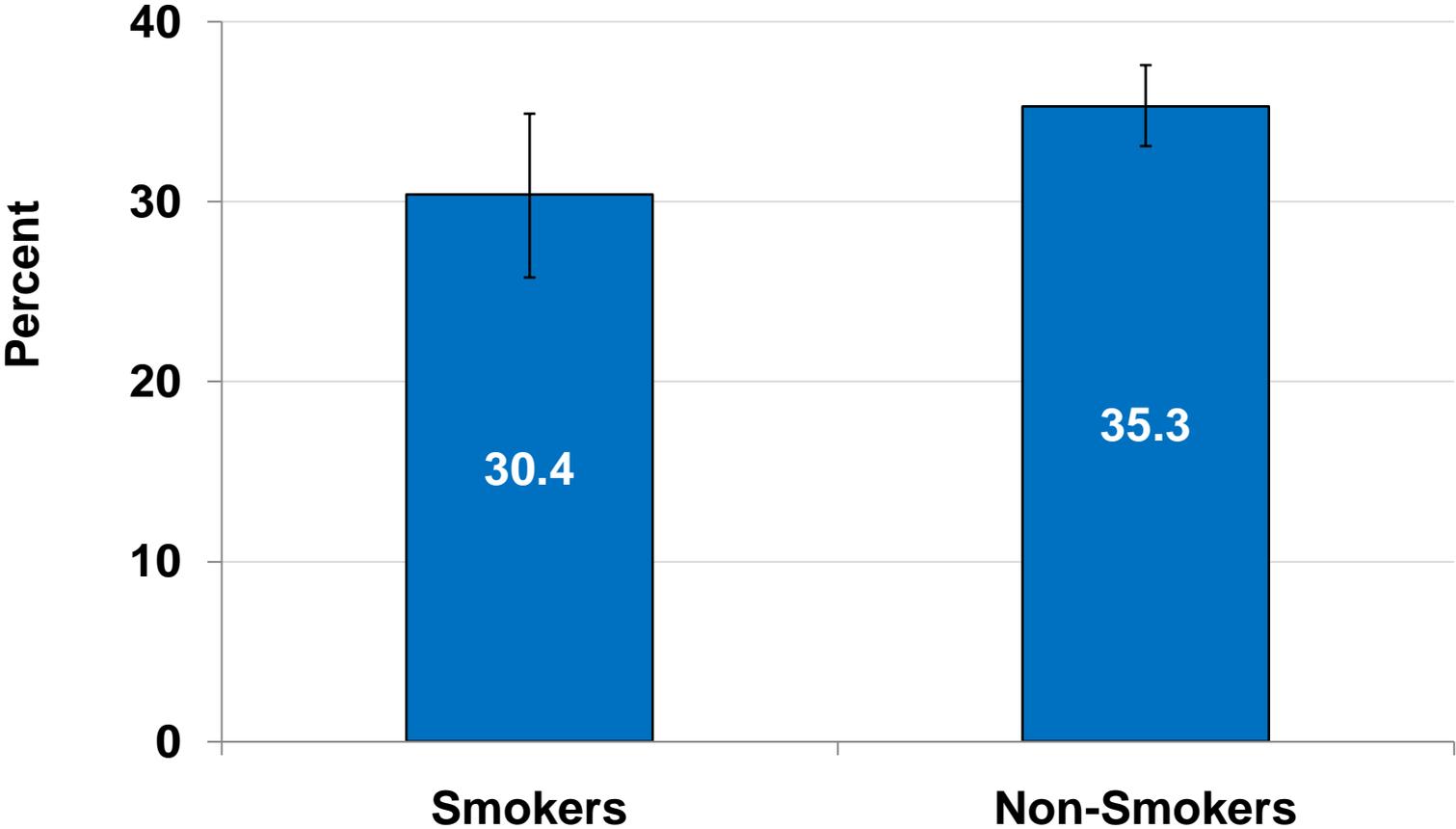


Source: Behavioral Risk Factor Surveillance System

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



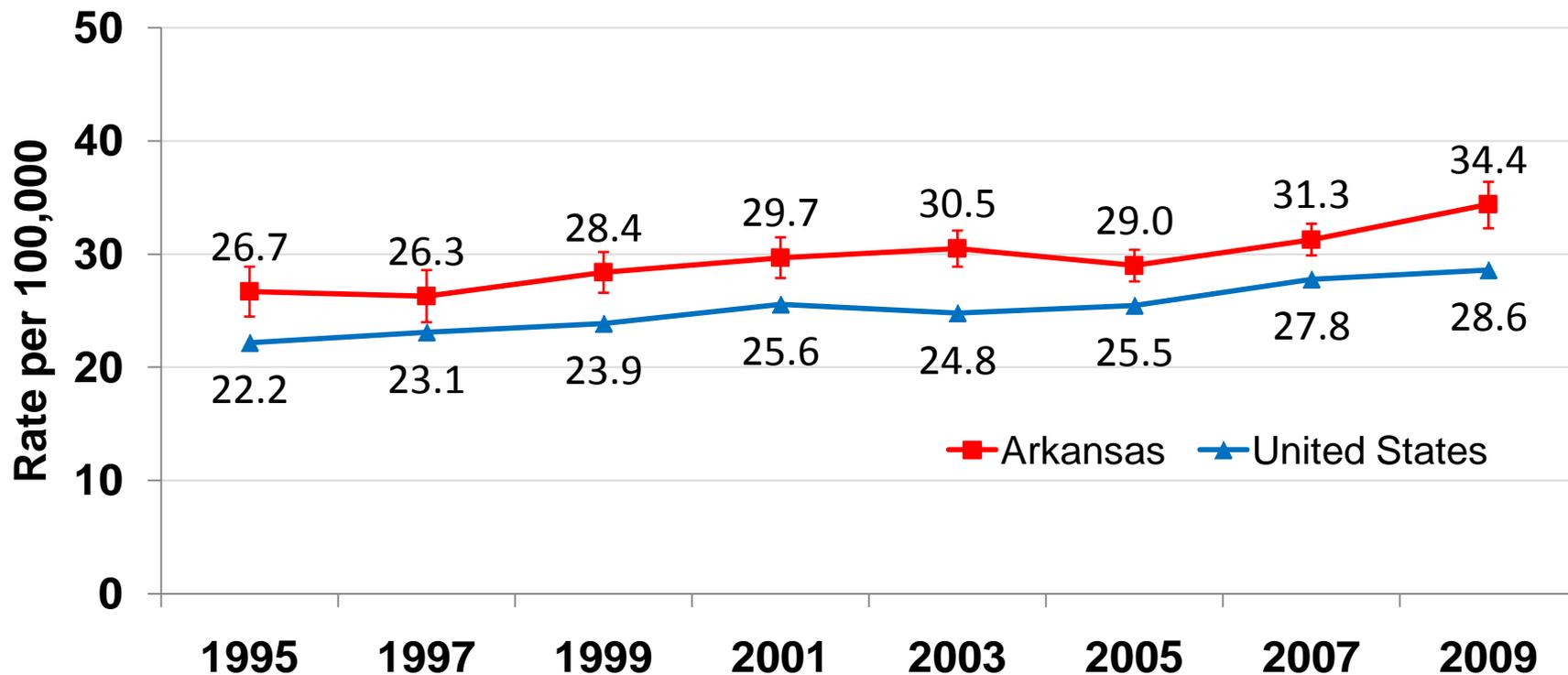
High Blood Pressure Arkansas, by Smoking Status, 2009



Source: Behavioral Risk Factor Surveillance System

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

Prevalence of High Blood Pressure Arkansas and U.S., 1995-2009



Source: Behavioral Risk Factor Surveillance System (BRFSS)

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

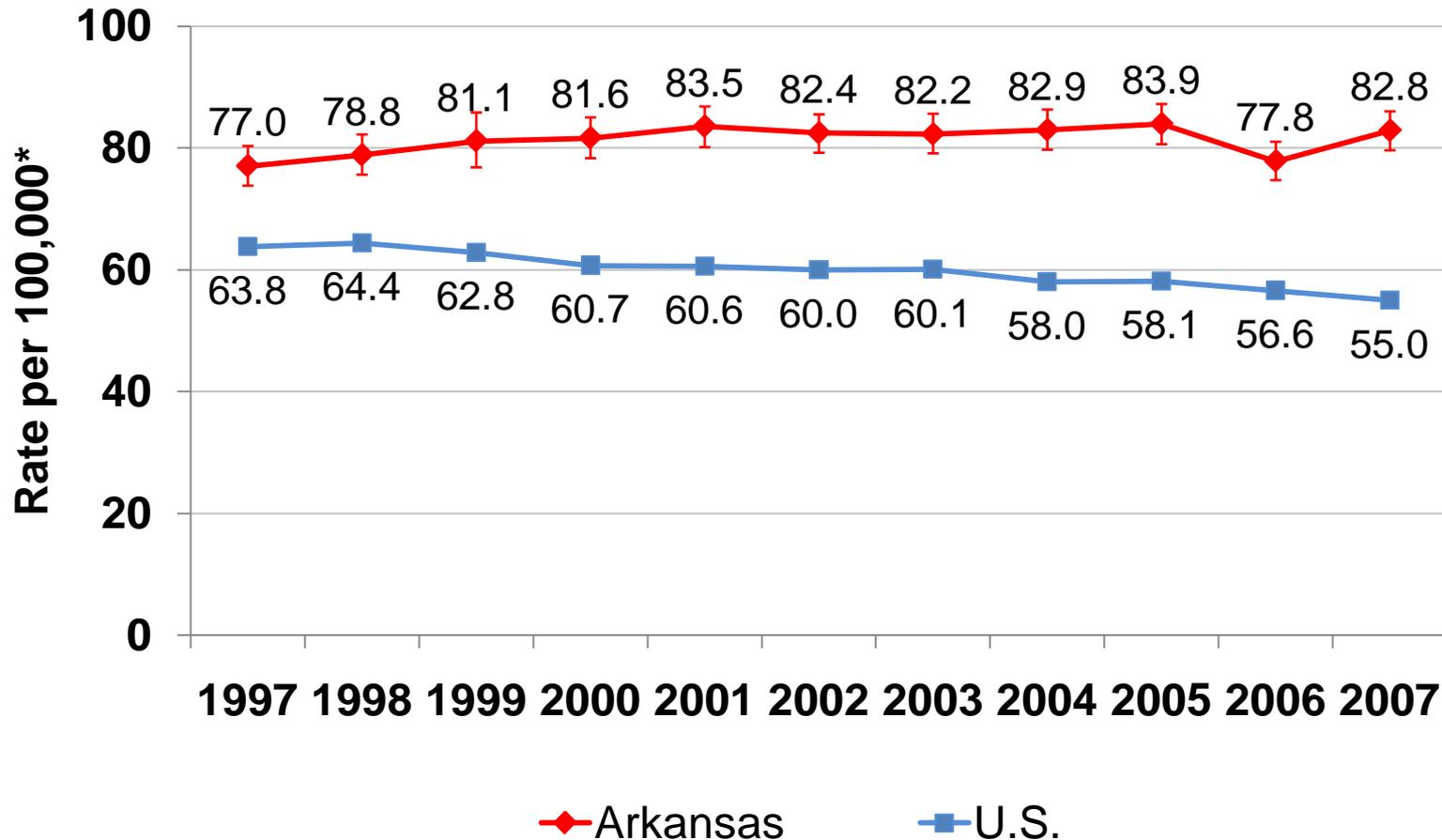
SECTION III

Impact of Tobacco Use: Cancer



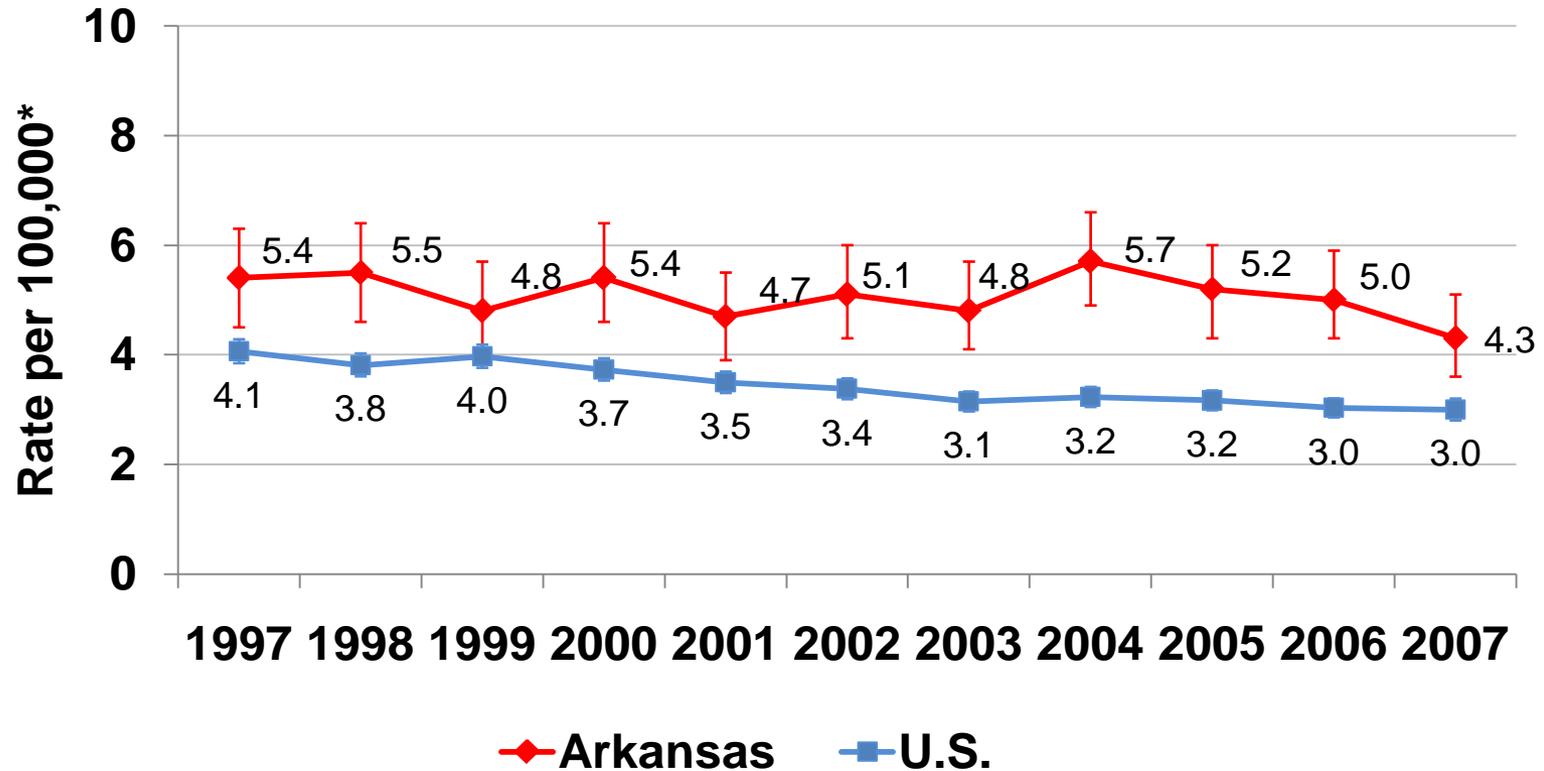
A. Cancer Incidence

Age-Adjusted Incidence Rates of Cancers of the Lung & Bronchus, Arkansas and U.S., 1997-2007



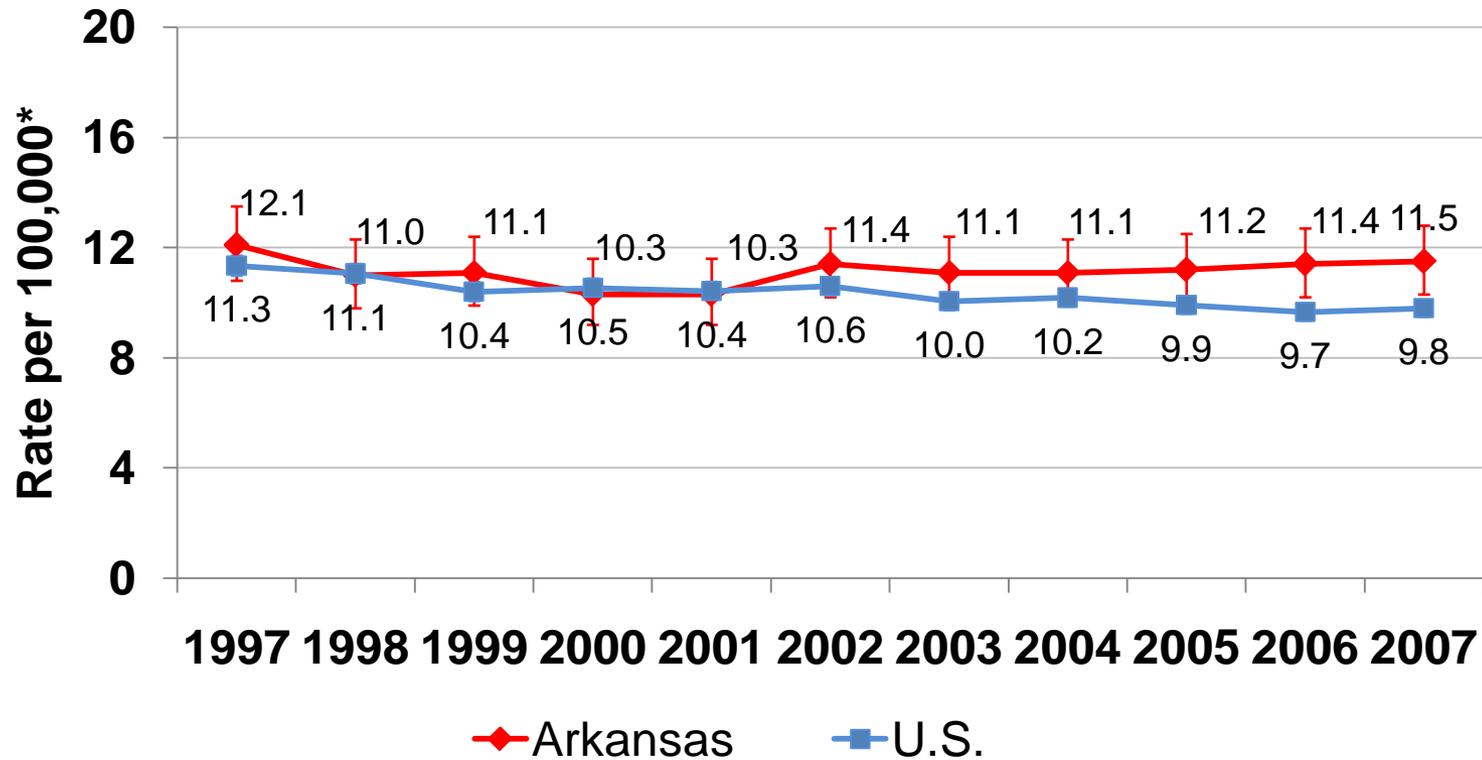
•Sources: Arkansas Central Cancer Registry, Arkansas Department of Health (www.cancer-rates.info)
 Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov)
 Age-Adjusted to the 2000 US Standard Population

Age-Adjusted Incidence Rates of Cancers of the Larynx, Arkansas and U.S., 1997-2007



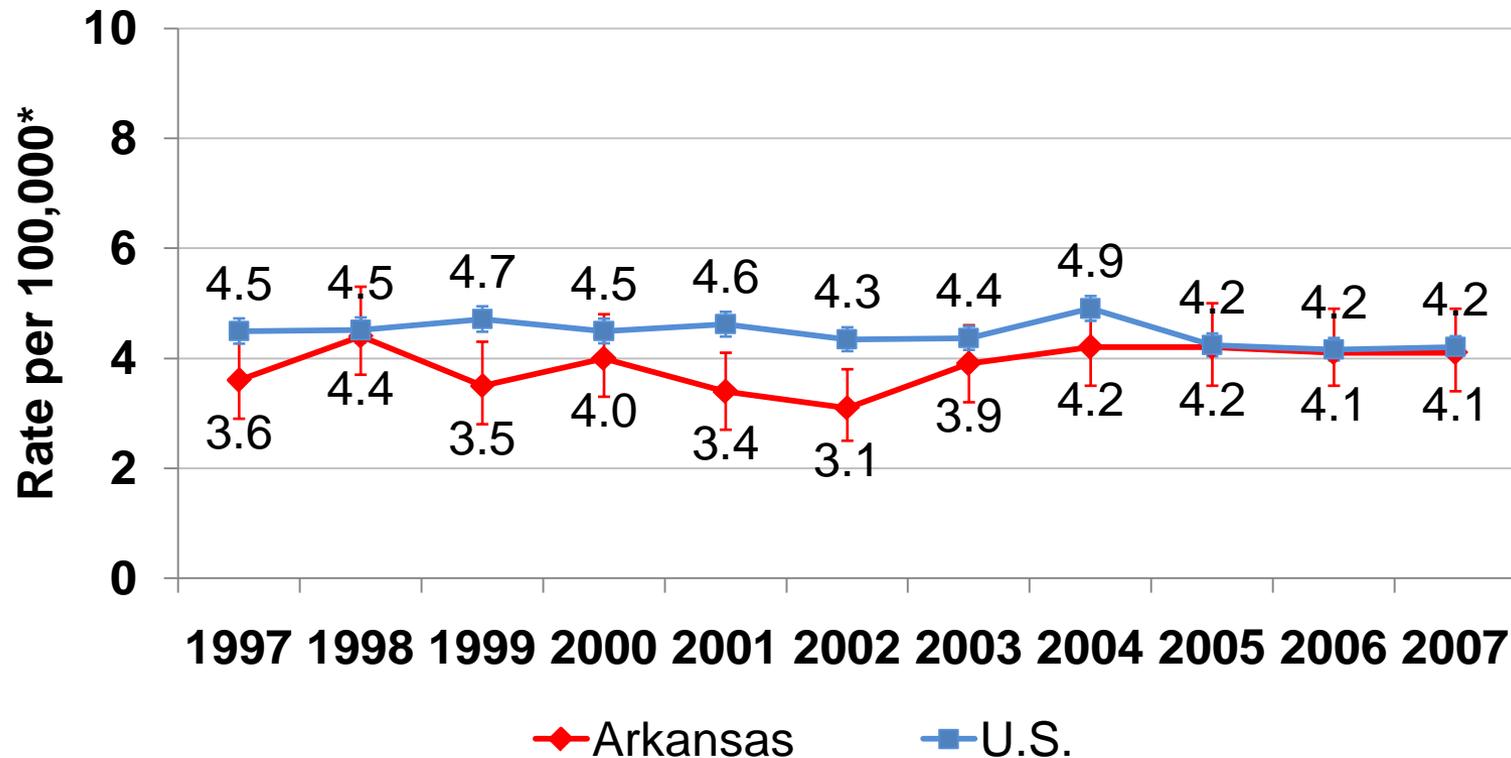
•Sources: Arkansas Central Cancer Registry, Arkansas Department of Health (www.cancer-rates.info)
 Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov)
 Age-Adjusted to the 2000 US Standard Population

Age-Adjusted Incidence Rates of Cancers of the Oral Cavity and Pharynx, Arkansas and U.S., 1997-2007



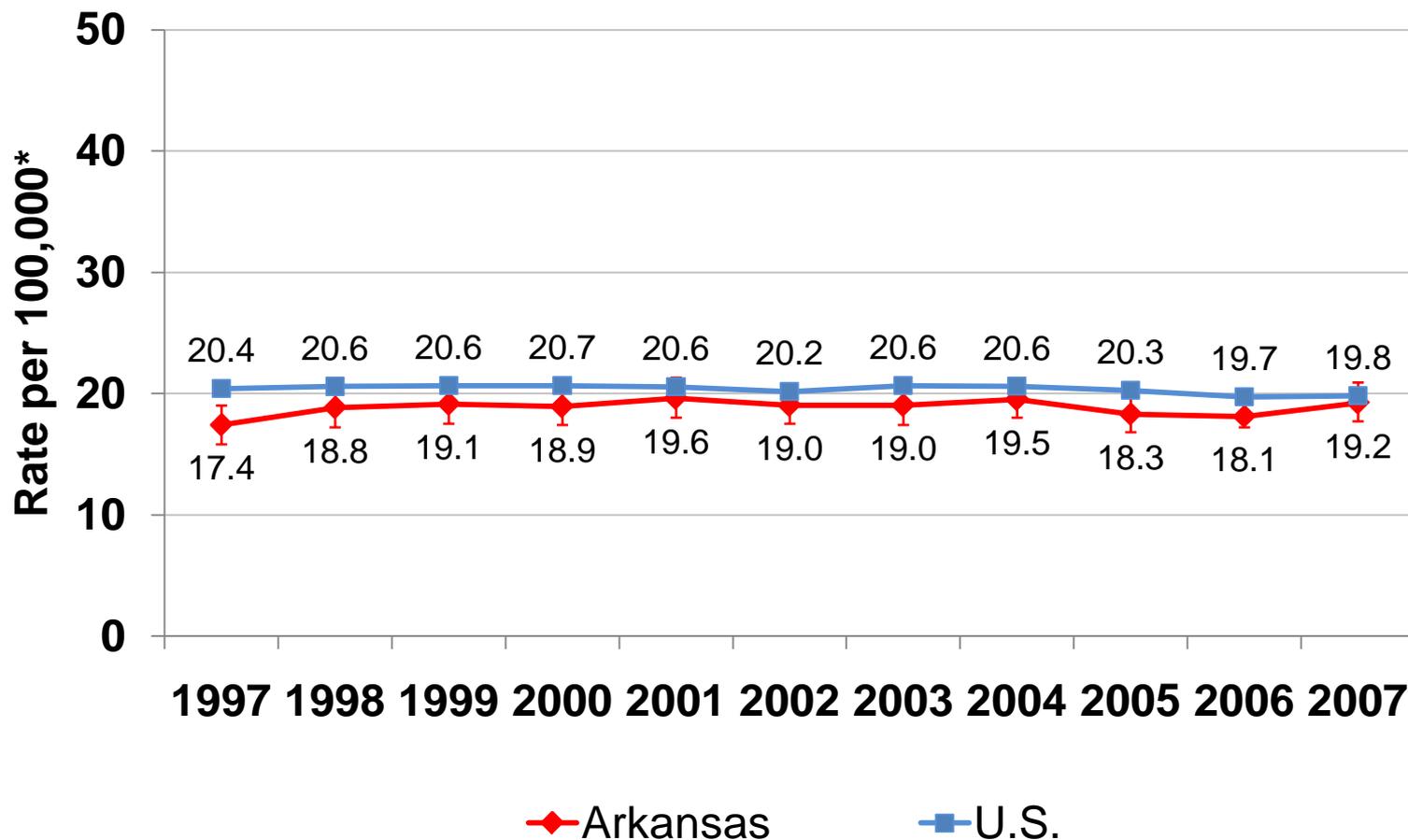
•Sources: Arkansas Central Cancer Registry, Arkansas Department of Health (www.cancer-rates.info)
 Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov)
 Age-Adjusted to the 2000 US Standard Population

Age-Adjusted Incidence Rates of Cancer of the Esophagus, Arkansas and U.S., 1997-2007



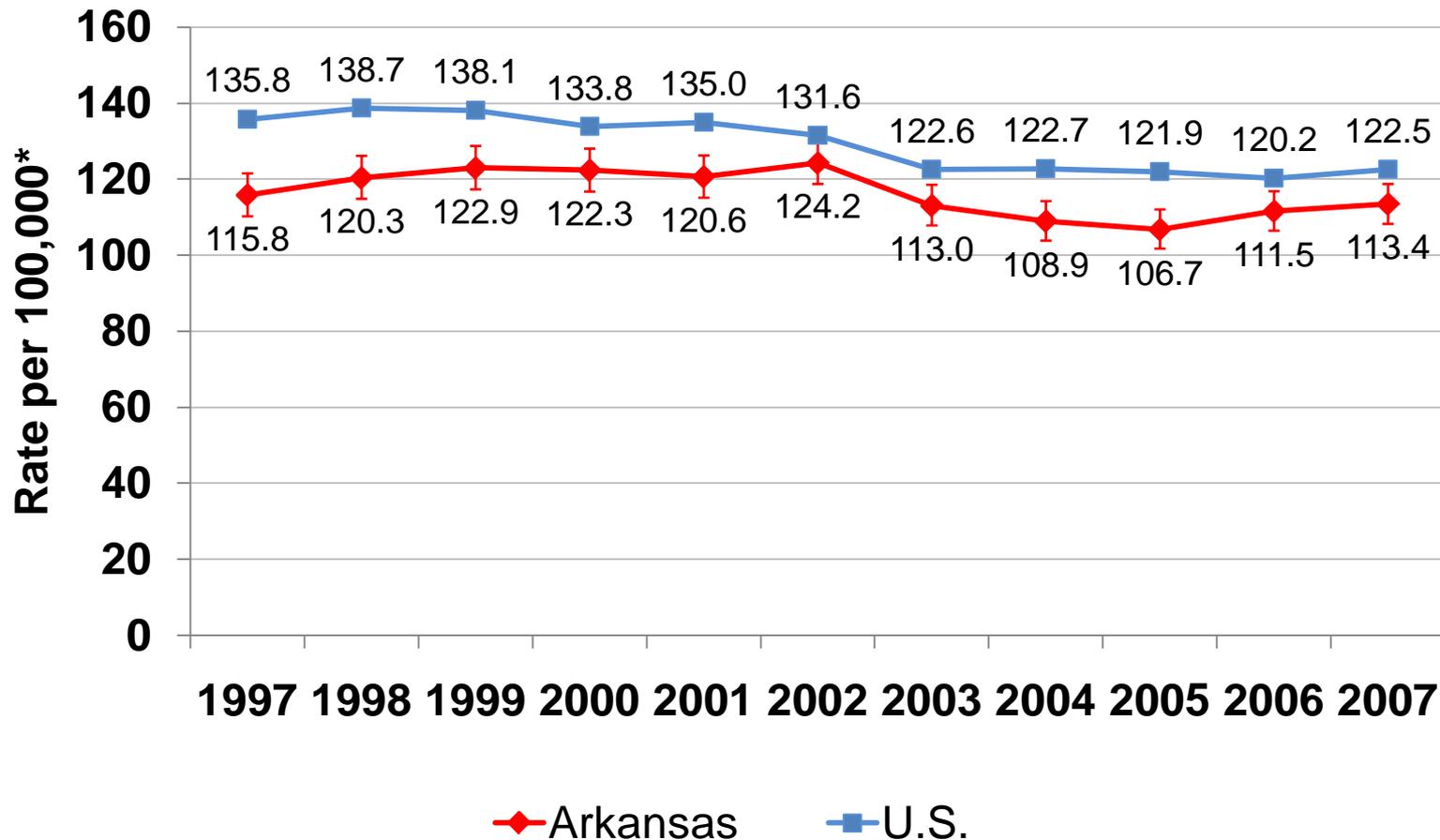
•Sources: Arkansas Central Cancer Registry, Arkansas Department of Health (www.cancer-rates.info)
 Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov)
 Age-Adjusted to the 2000 US Standard Population

Age-Adjusted Incidence Rates of Cancers of the Urinary Bladder, Arkansas and U.S., 1997-2007



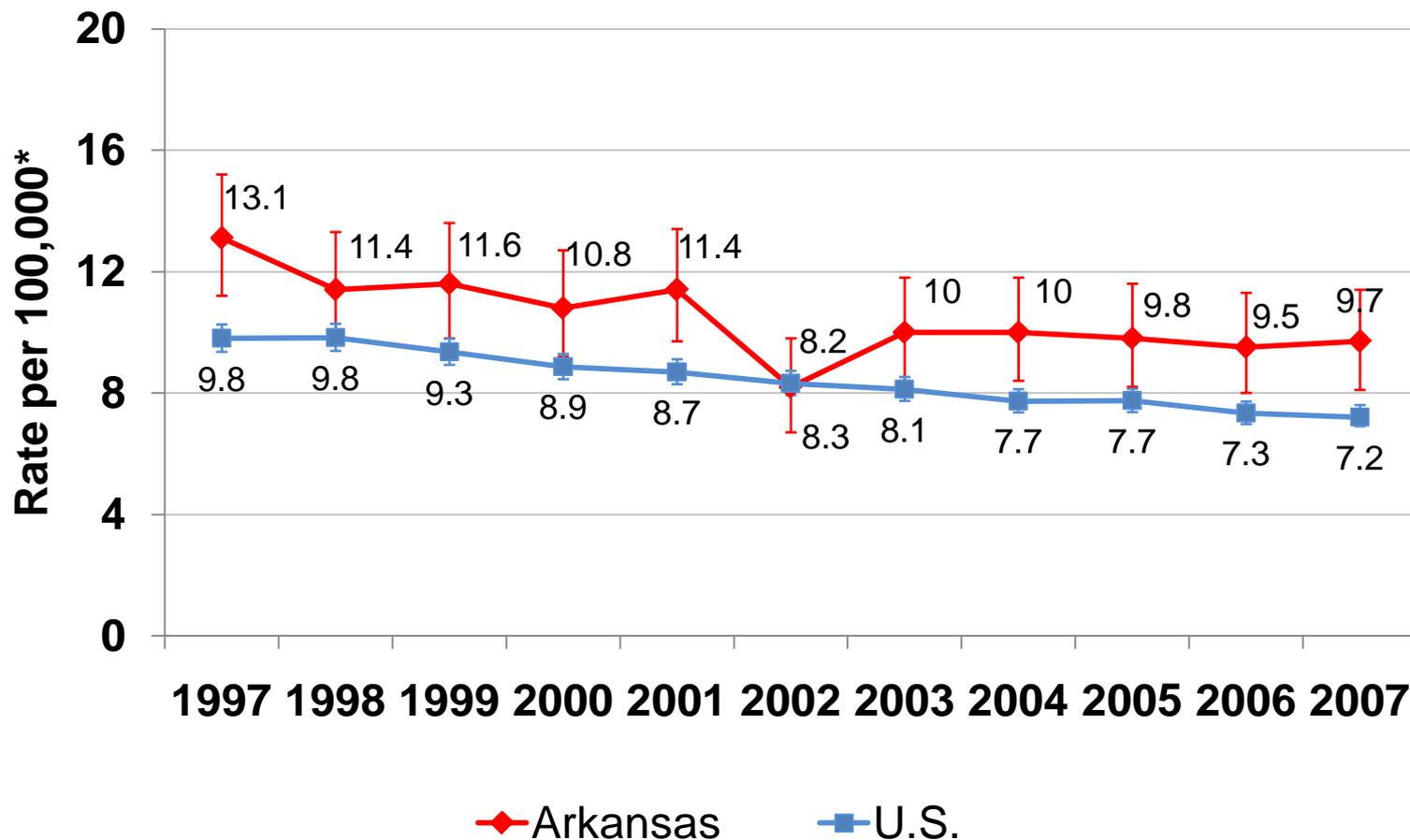
•Sources: Arkansas Central Cancer Registry, Arkansas Department of Health (www.cancer-rates.info)
 Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov)
 Age-Adjusted to the 2000 US Standard Population

Age-Adjusted Incidence Rates of Cancers of the Female Breast, Arkansas and U.S., 1997-2007



•Sources: Arkansas Central Cancer Registry, Arkansas Department of Health (www.cancer-rates.info)
 Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov)
 Age-Adjusted to the 2000 US Standard Population

Age-Adjusted Incidence Rates of Cancers of the Cervix, Arkansas and U.S., 1997-2007

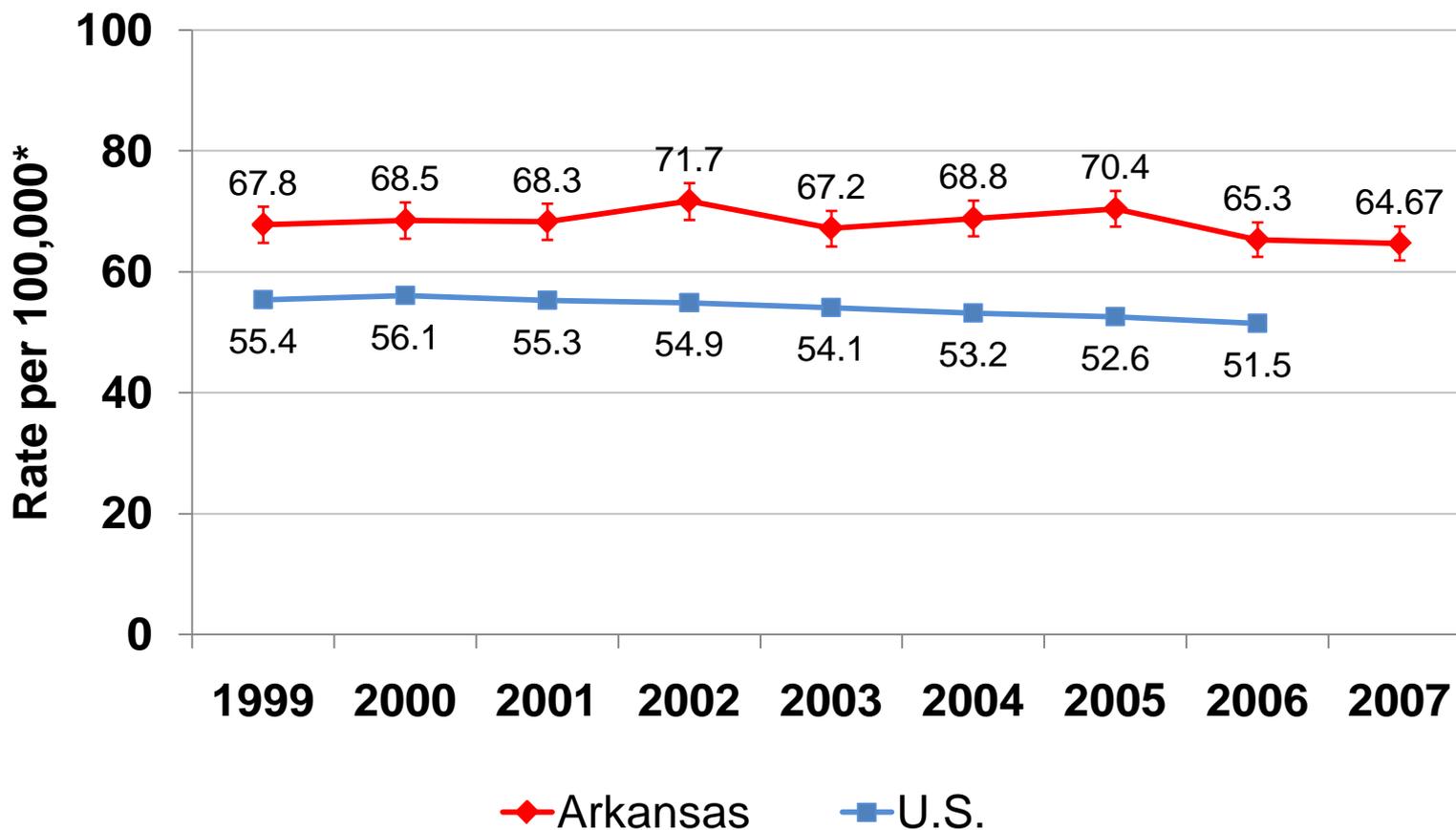


•Sources: Arkansas Central Cancer Registry, Arkansas Department of Health (www.cancer-rates.info)
 Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov)
 Age-Adjusted to the 2000 US Standard Population

B. Cancer Mortality



Age-Adjusted Mortality Rates of Cancers of the Lung & Bronchus, Arkansas and U.S., 1999-2007**

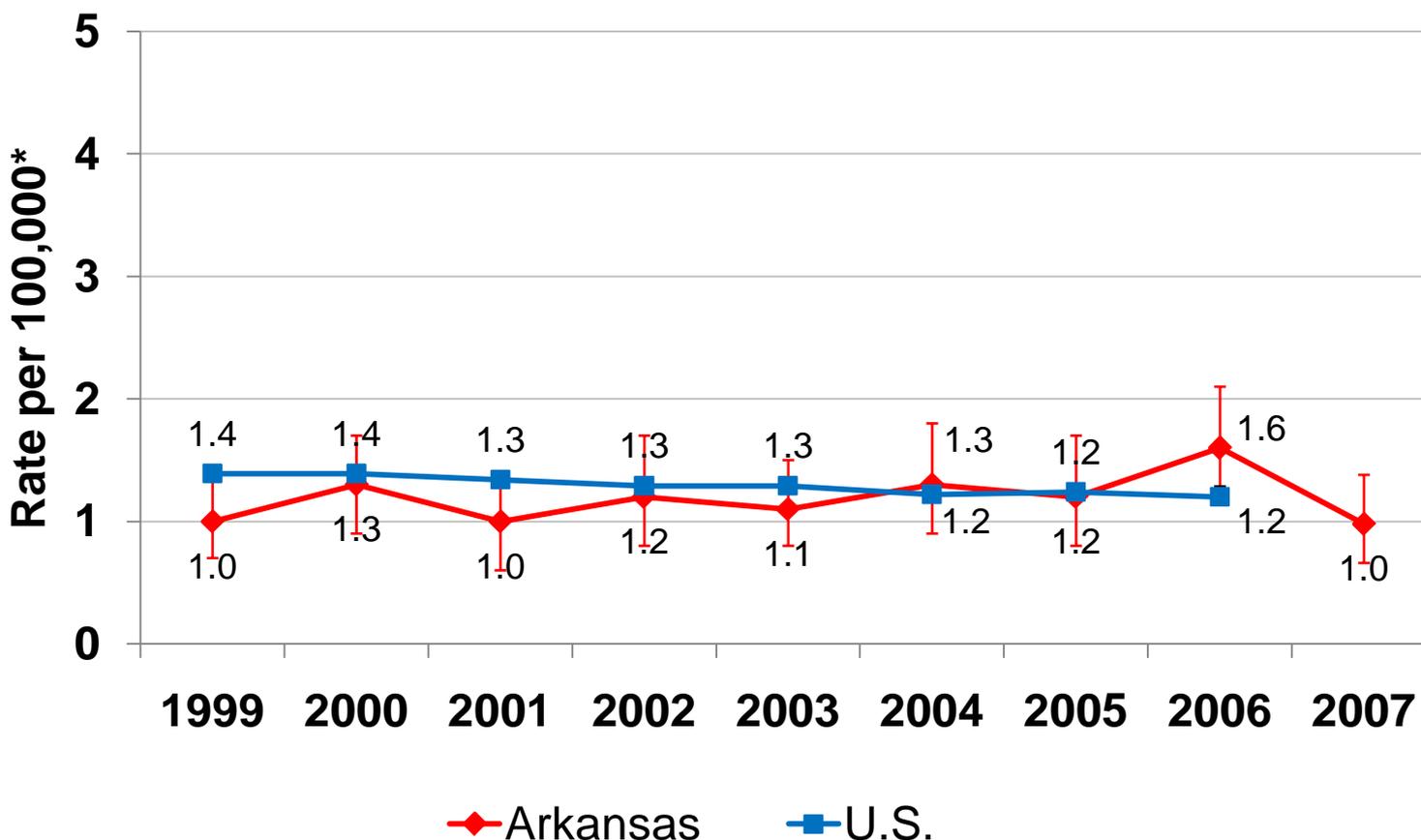


Sources: CDC Wonder; Compressed Mortality File, Underlying Cause of Death (<http://wonder.cdc.gov/mortSQL.html>)

*Mortality rates age-adjusted to the 2000 US Standard Population

** U.S. data not yet available for 2007

Age-Adjusted Mortality Rates of Cancer of the Larynx, Arkansas and U.S., 1999-2007**

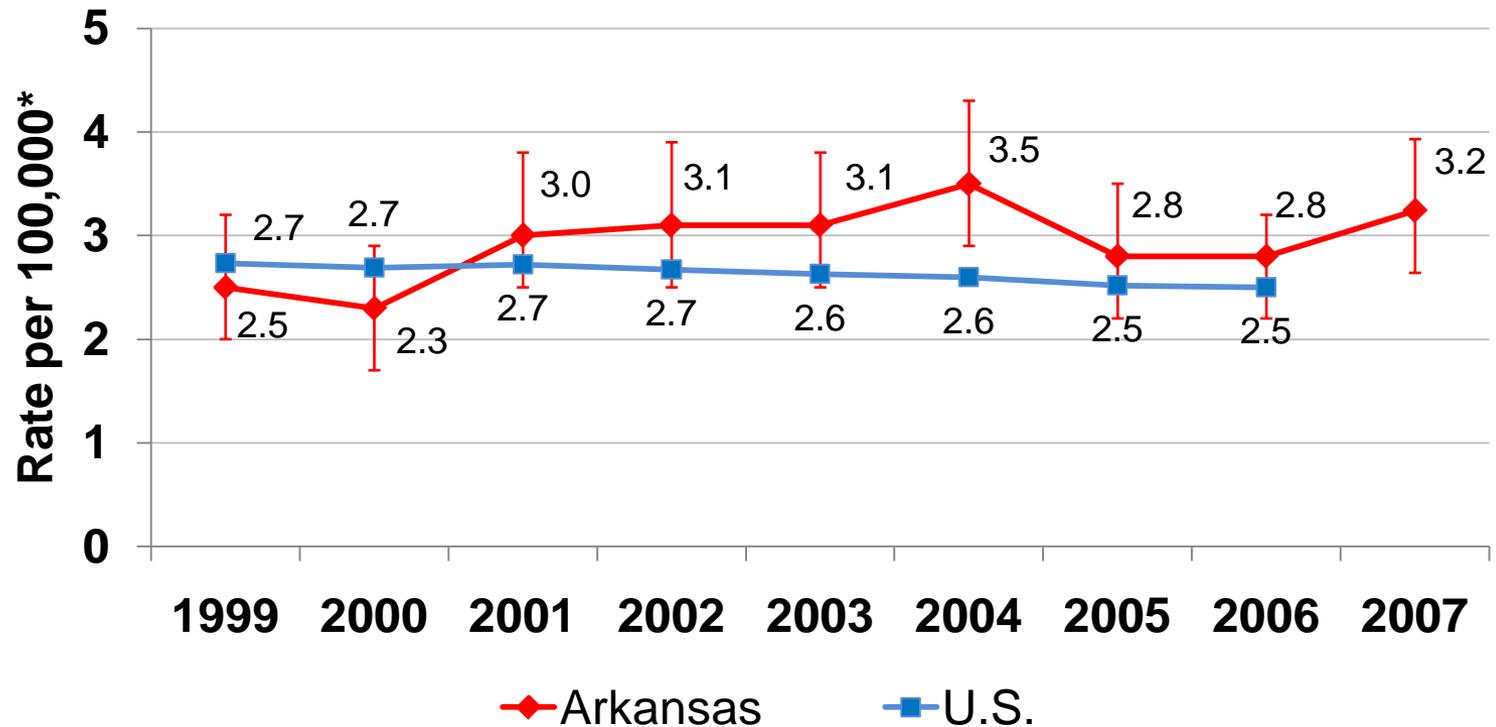


Sources: CDC Wonder; Compressed Mortality File, Underlying Cause of Death (<http://wonder.cdc.gov/mortSQL.html>)

*Mortality rates age-adjusted to the 2000 US Standard Population

** U.S. data not yet available for 2007

Age-Adjusted Mortality Rates of Cancers of Oral Cavity and Pharynx, Arkansas and U.S., 1999-2007**

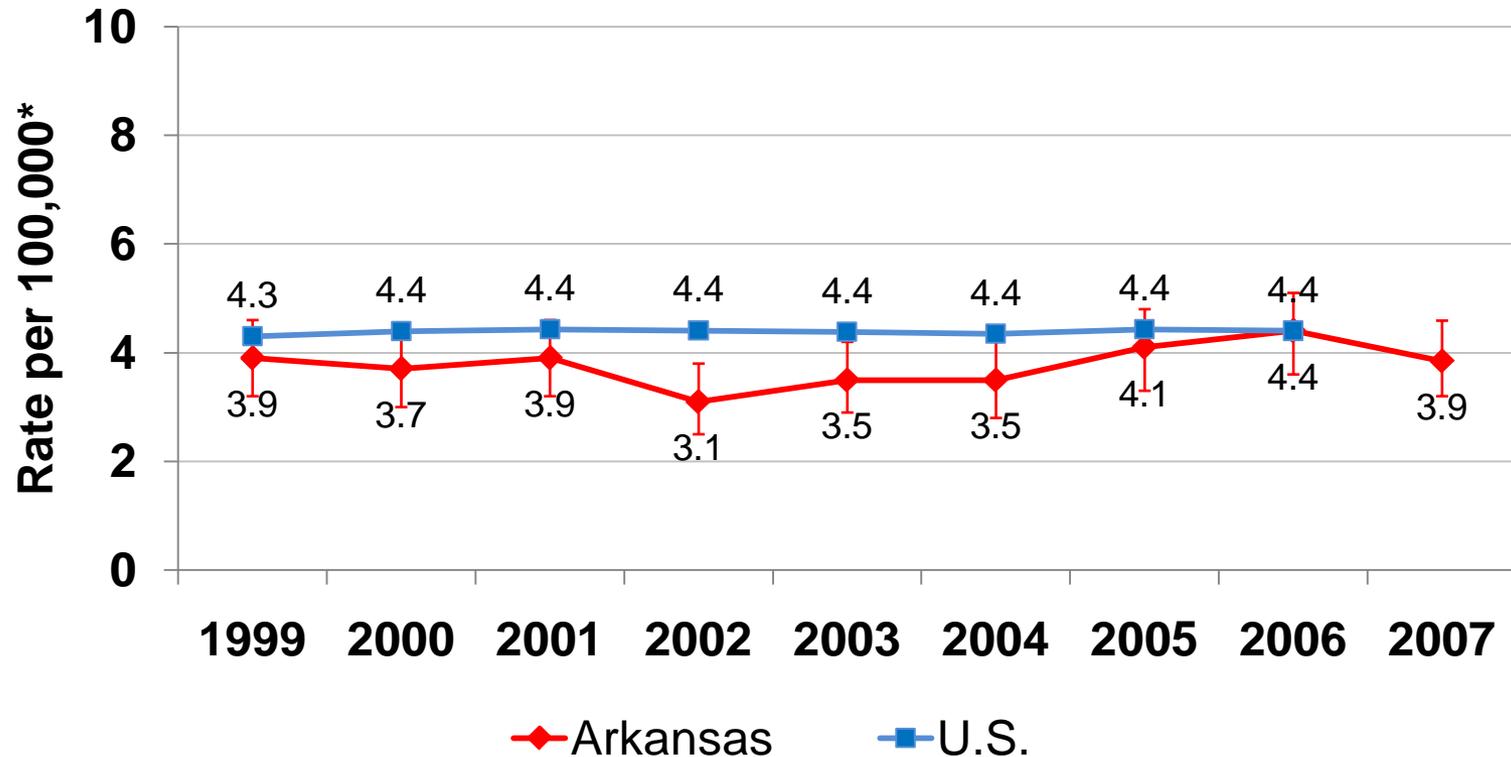


Sources: CDC Wonder; Compressed Mortality File, Underlying Cause of Death (<http://wonder.cdc.gov/mortSQL.html>)

*Mortality rates age-adjusted to the 2000 US Standard Population

** U.S. data not yet available for 2007

Age-Adjusted Mortality Rates of Cancer of the Esophagus, Arkansas and U.S., 1999-2007**

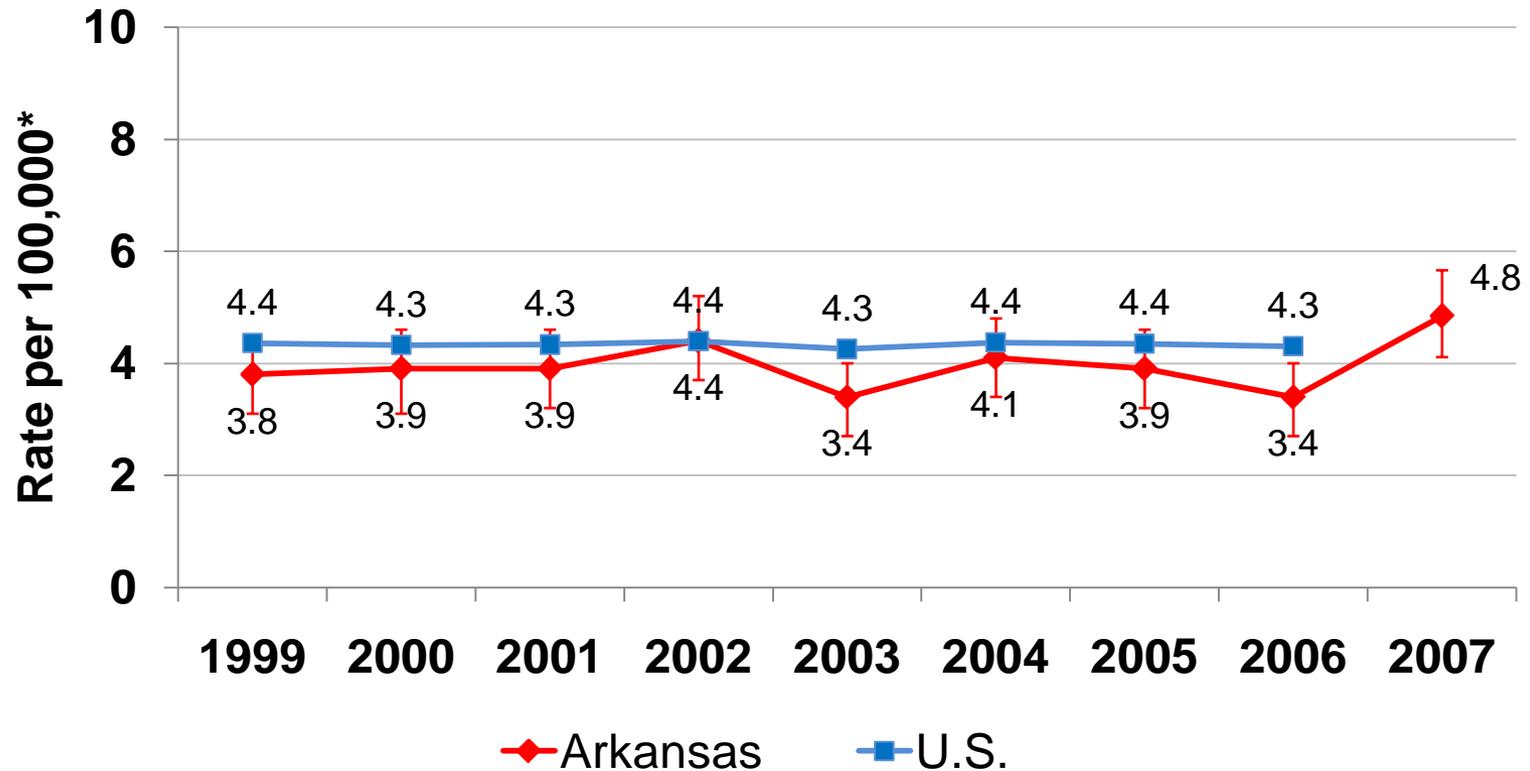


Sources: CDC Wonder; Compressed Mortality File, Underlying Cause of Death (<http://wonder.cdc.gov/mortSQL.html>)

*Mortality rates age-adjusted to the 2000 US Standard Population

** U.S. data not yet available for 2007

Age-Adjusted Mortality Rates of Cancer of the Bladder, Arkansas and U.S., 1999-2007**

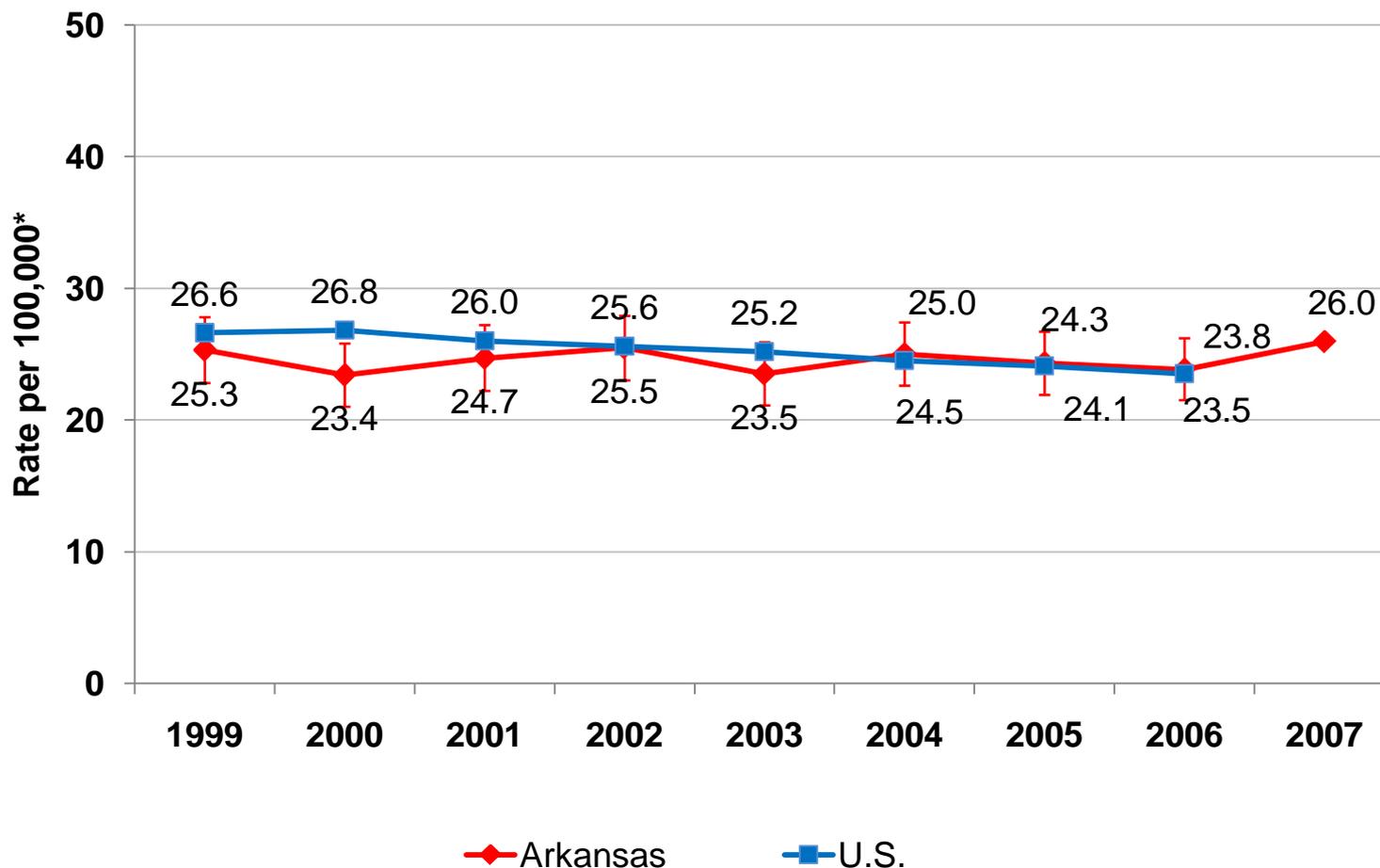


Sources: CDC Wonder; Compressed Mortality File, Underlying Cause of Death (<http://wonder.cdc.gov/mortSQL.html>)

*Mortality rates age-adjusted to the 2000 US Standard Population

** U.S. data not yet available for 2007

Age-Adjusted Mortality Rates of Cancer of the Female Breast, Arkansas and U.S., 1999-2007**

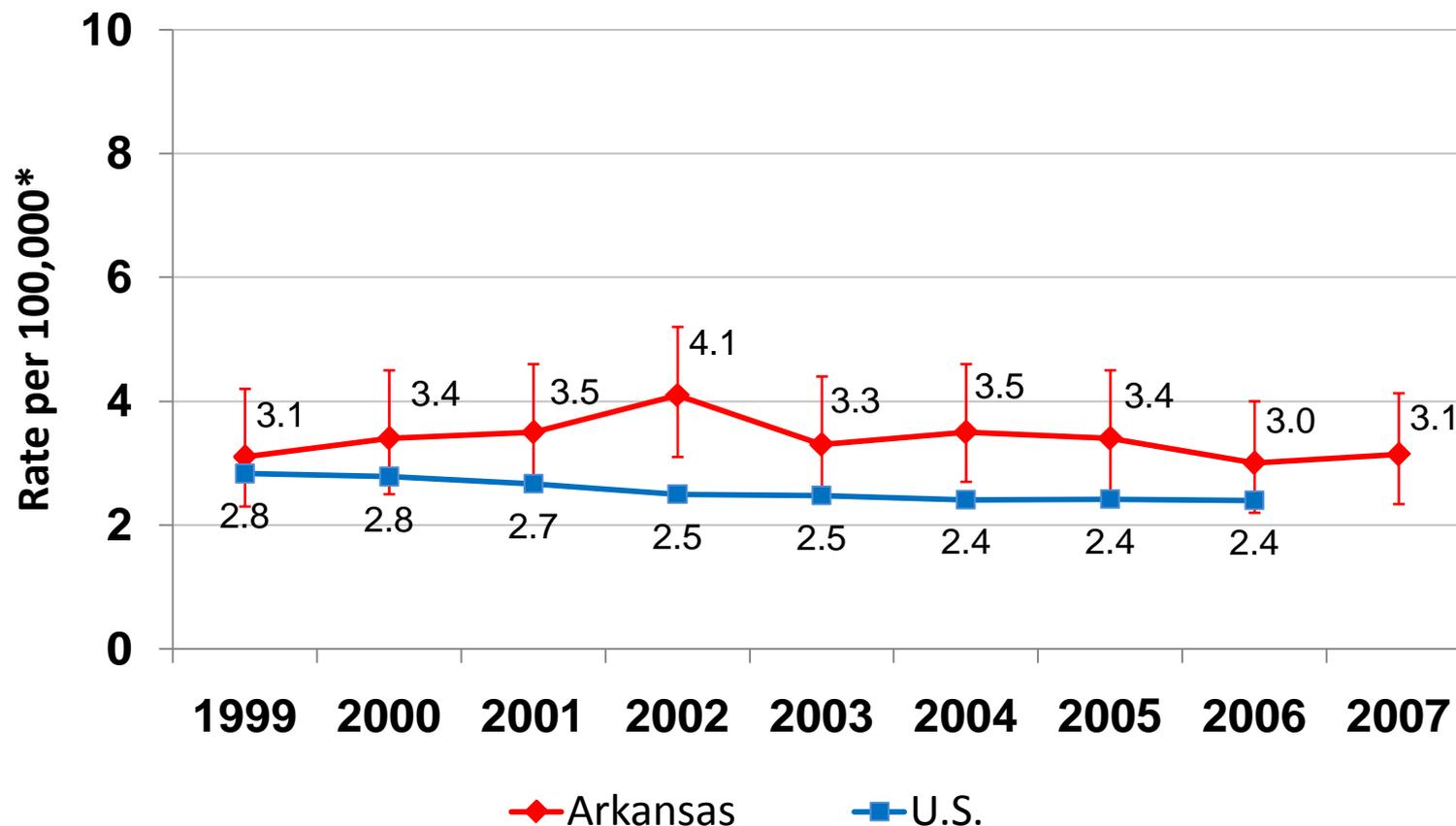


Sources: CDC Wonder; Compressed Mortality File, Underlying Cause of Death (<http://wonder.cdc.gov/mortSQL.html>)

*Mortality rates age-adjusted to the 2000 US Standard Population

** U.S. data not yet available for 2007

Age-Adjusted Mortality Rates of Cancer of the Cervix, Arkansas and U.S., 1999-2007**



Sources: CDC Wonder; Compressed Mortality File, Underlying Cause of Death (<http://wonder.cdc.gov/mortSQL.html>)

*Mortality rates age-adjusted to the 2000 US Standard Population

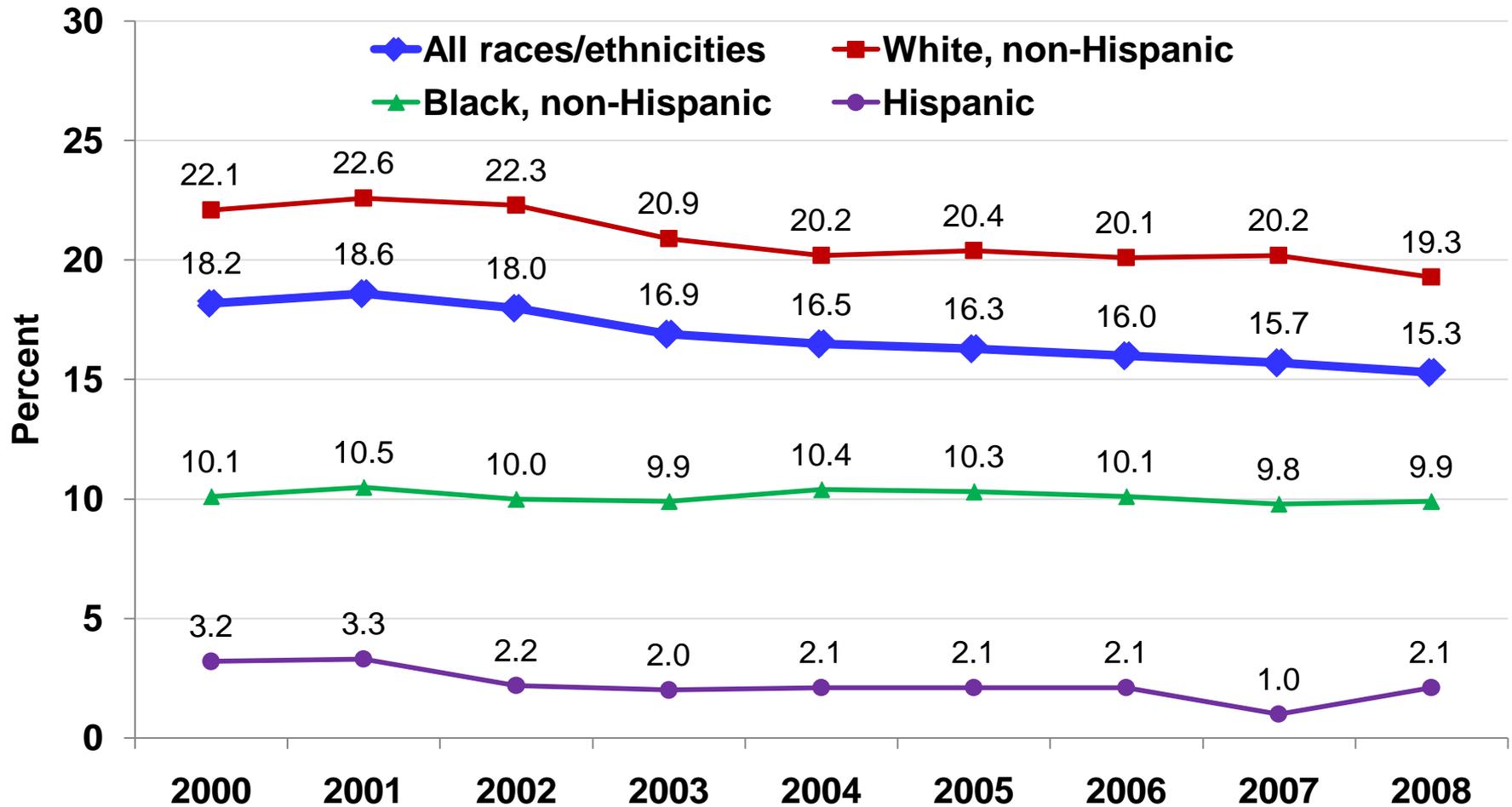
** U.S. data not yet available for 2007

SECTION IV

Impact of Tobacco Use: Maternal and Child Health

A. Mothers of All Ages Who Smoked During Pregnancy

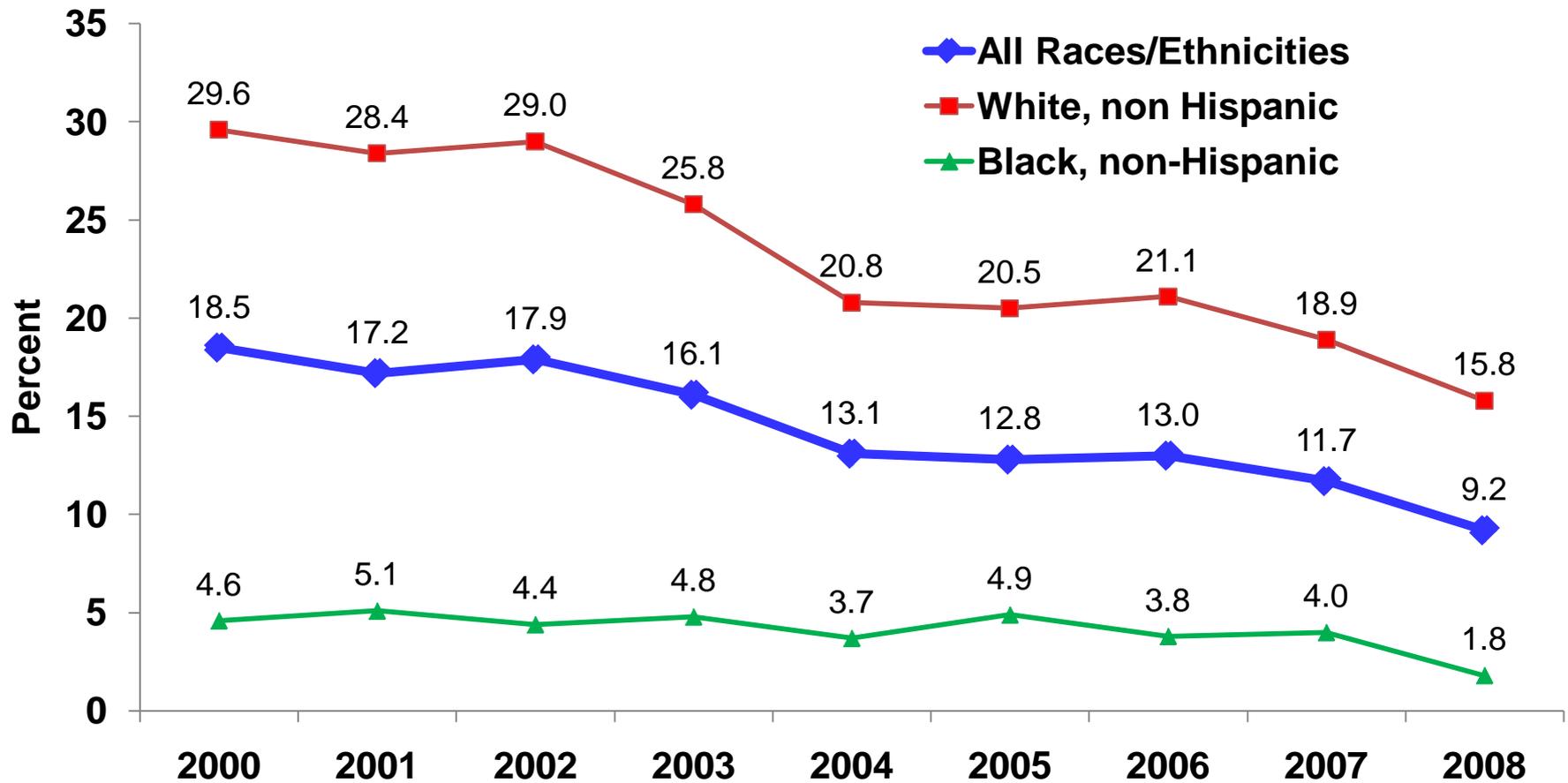
Percent of All Mothers who Smoked During Pregnancy by Race/Ethnicity Arkansas 2000-2008



Note: Percentages are based on approximately 39,000 resident births per year
 Source: Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

B. Teenage Mothers (≤ 17 years old) Who Smoked During Pregnancy

Percent of Teen* Mothers who Smoked During Pregnancy by Race/Ethnicity Arkansas 2000-2008



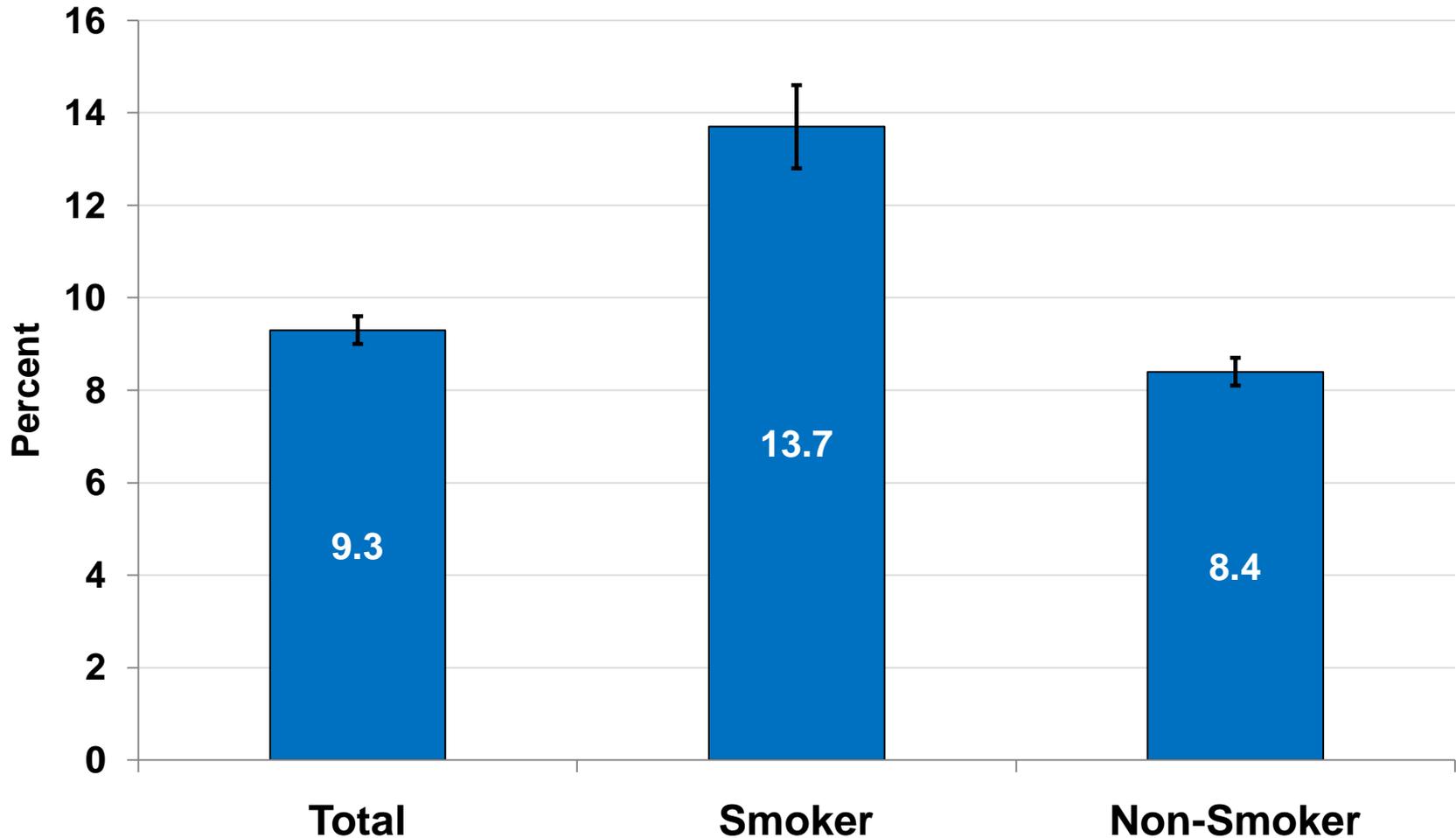
* < 18 years of age

Notes: (1) Percentages are based on approximately 1,900 resident teen births per year. (2) Data for Hispanic teens are not displayed due to very small number who smoked during pregnancy (ranged from 2 to 6 teens on any given year).

Source: Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

C. Low Birth Weight and Preterm Births by Maternal Smoking

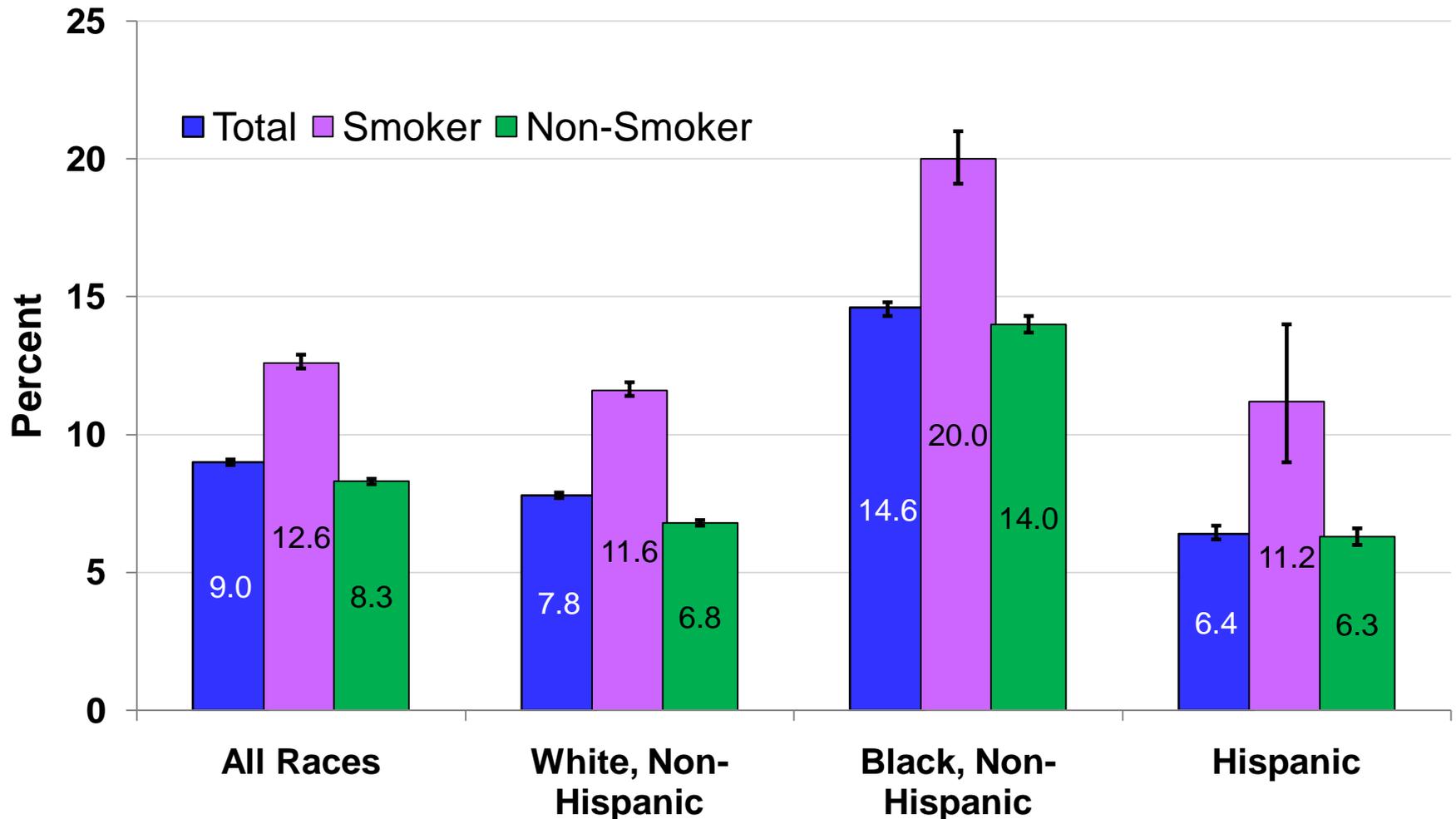
Percent of Low Birth Weight* Births by Maternal Smoking Status, Arkansas 2008



Source: Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

* Low Birth Weight is defined as less than 2,500 grams.

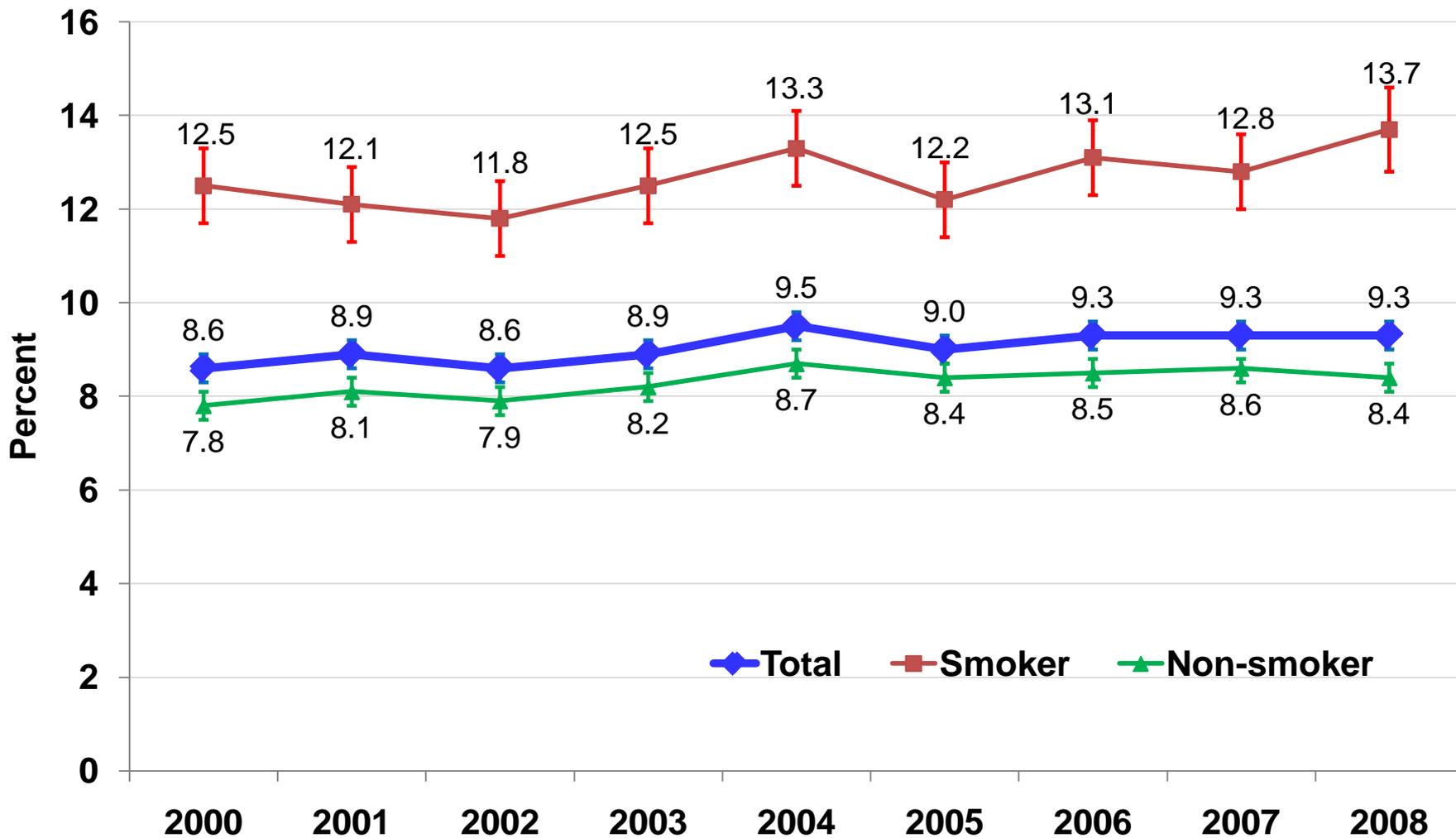
Percent of Low Birth Weight* Births by Race/Ethnicity and Maternal Smoking Status, Arkansas 2000-2008



Source: Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

* Low Birth Weight is defined as less than 2,500 grams.

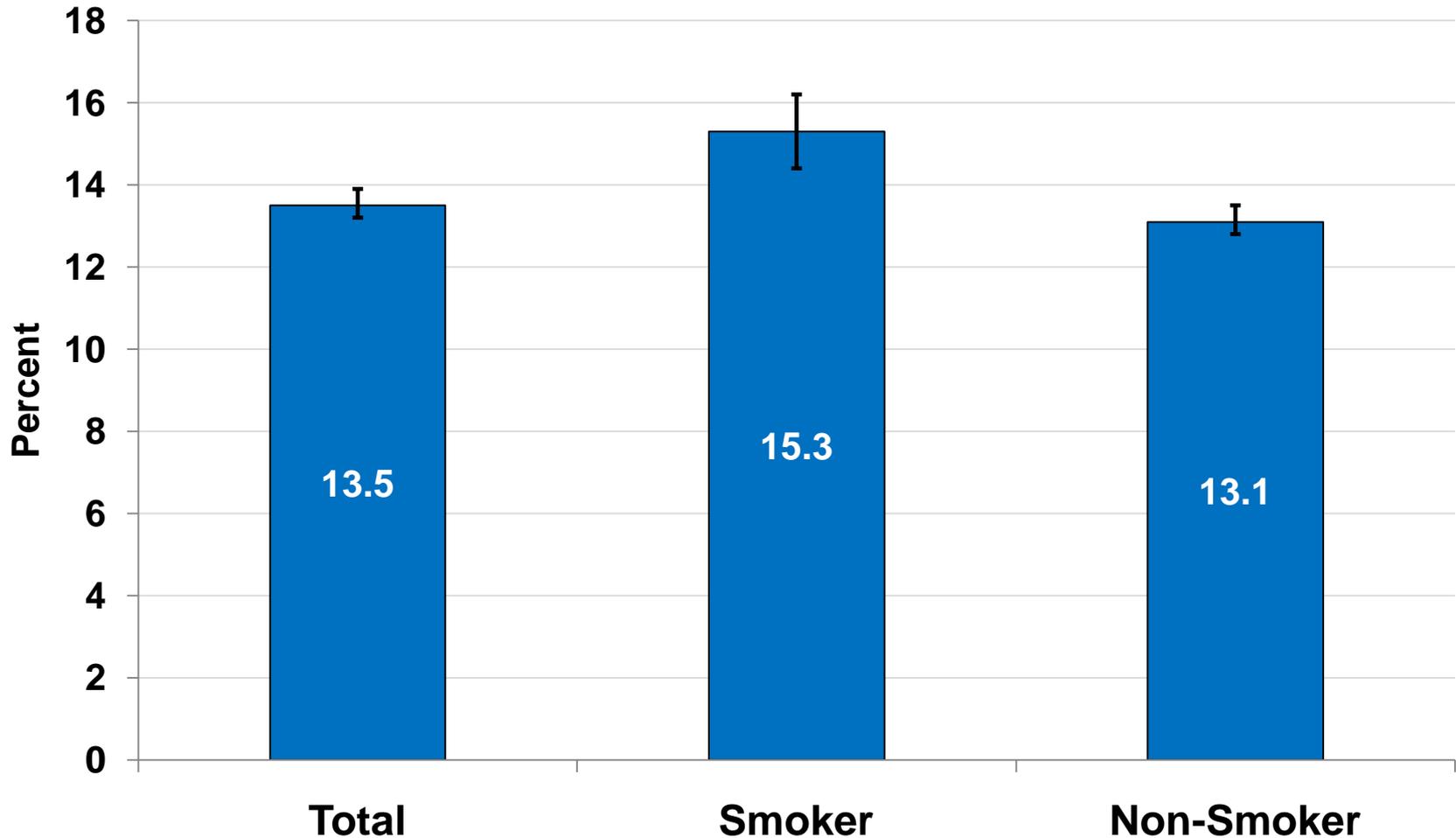
Percent of Low Birth Weight* Births by Maternal Smoking Status, Arkansas 2000-2008



Source: Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

* Low Birth Weight is defined as less than 2,500 grams.

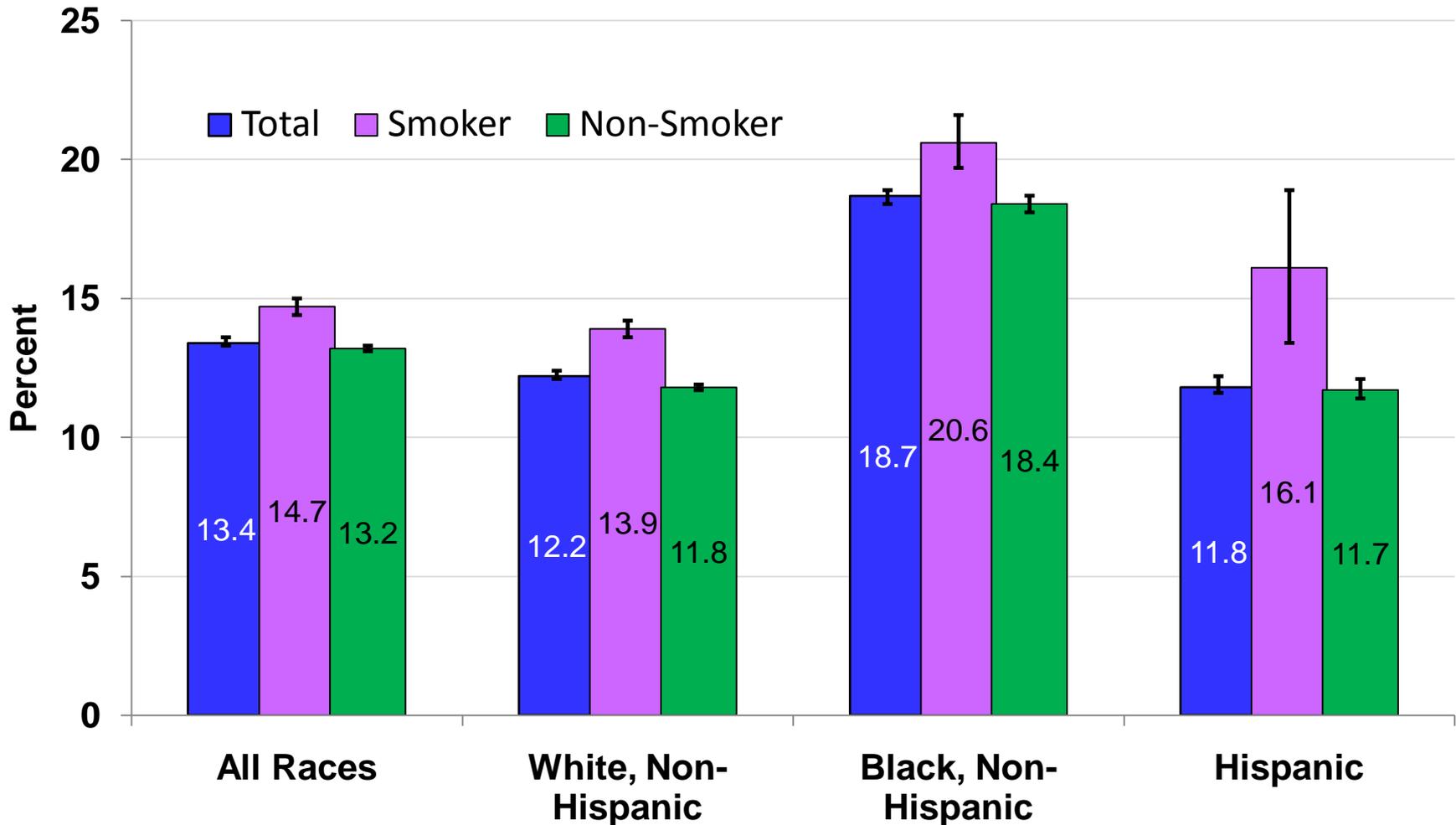
Percent of Preterm* Births by Maternal Smoking Status, Arkansas 2008



Source: Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

* Preterm is defined as less than 37 weeks gestation.

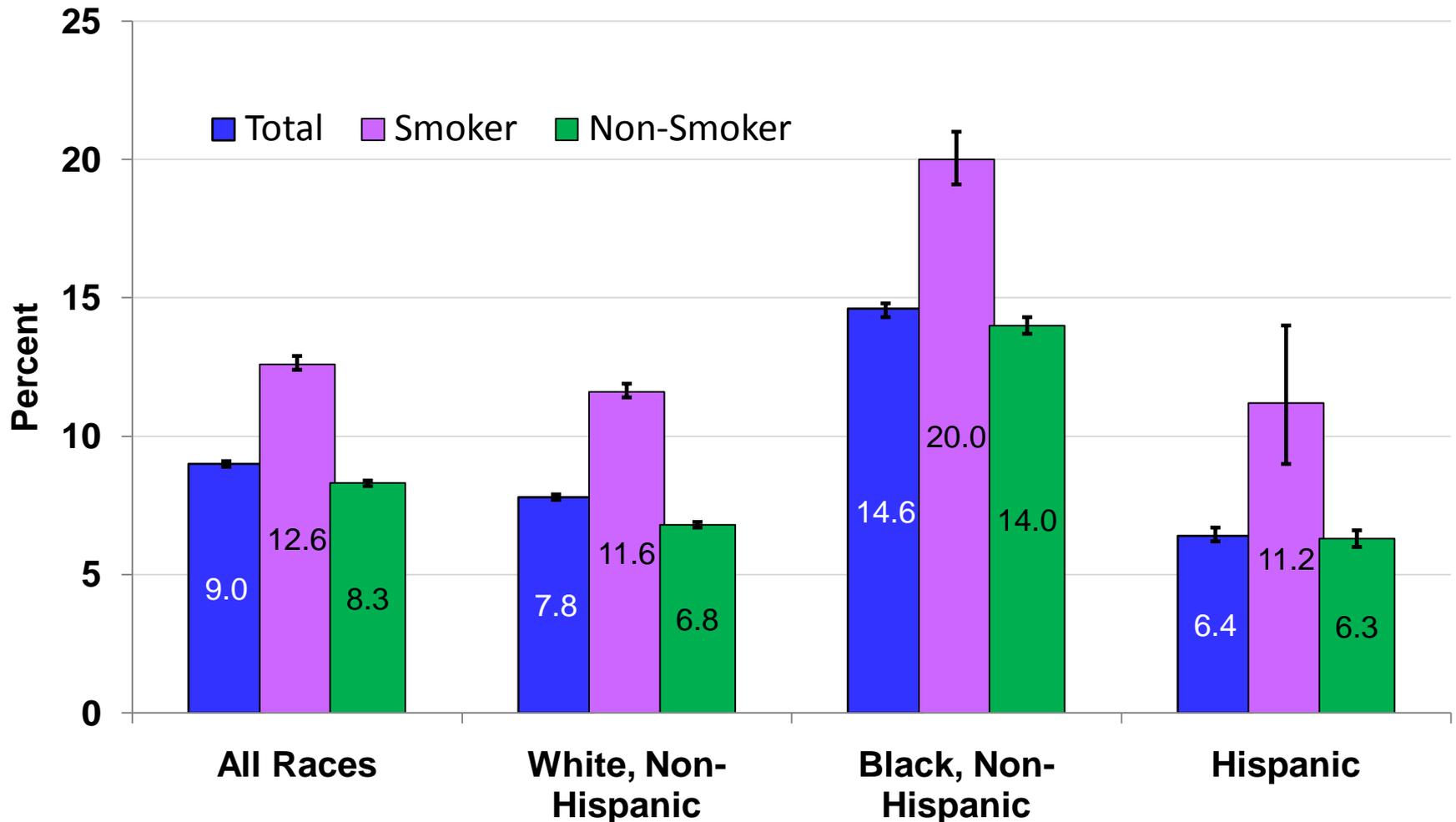
Percent of Preterm* Births by Race/Ethnicity and Maternal Smoking Status, Arkansas 2000-2008



Source: Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

* Preterm is defined as less than 37 weeks gestation.

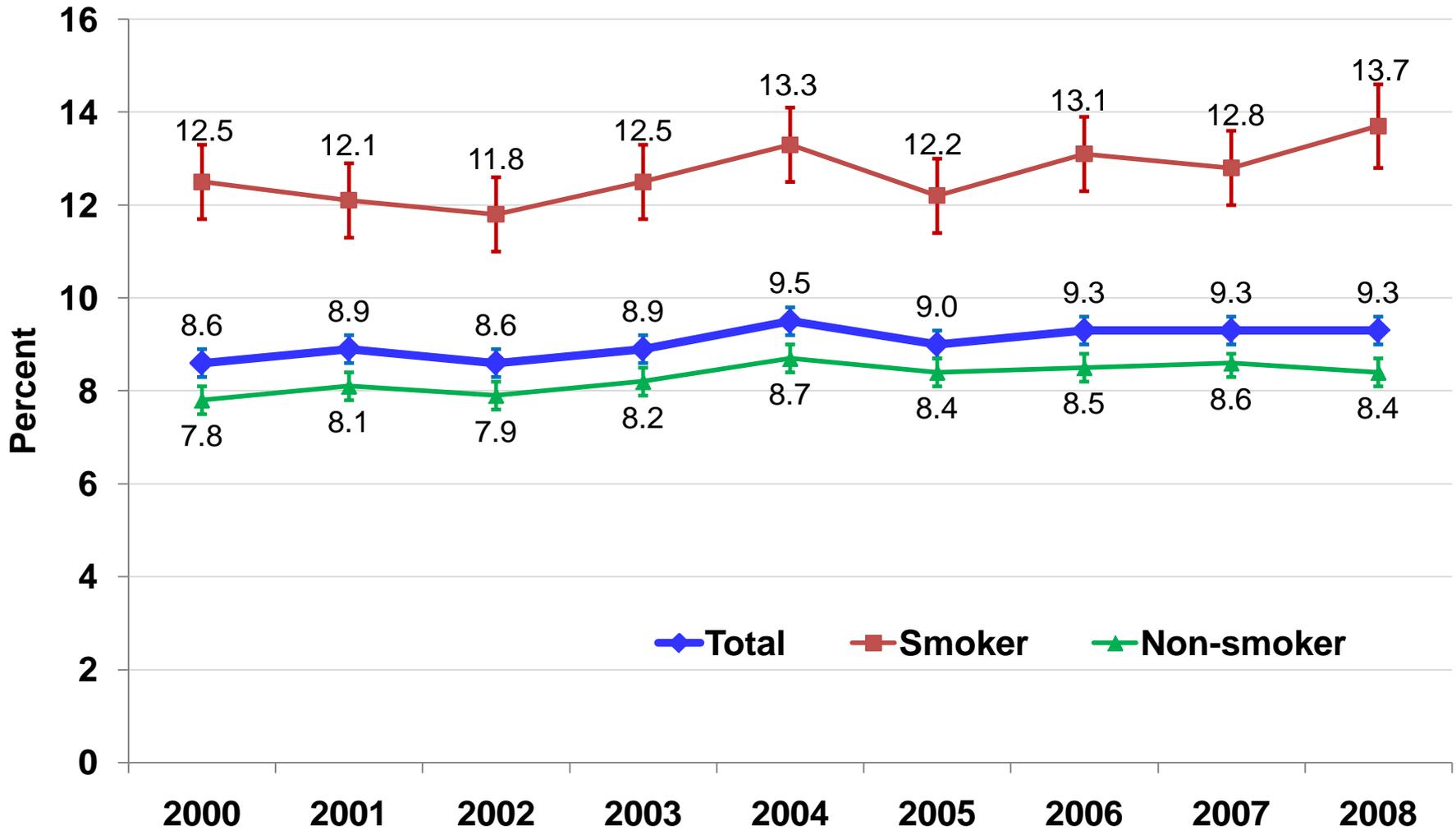
Percent of Low Birth Weight* Births by Race/Ethnicity and Maternal Smoking Status, Arkansas 2000-2008



Source: Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

* Low Birth Weight is defined as less than 2,500 grams.

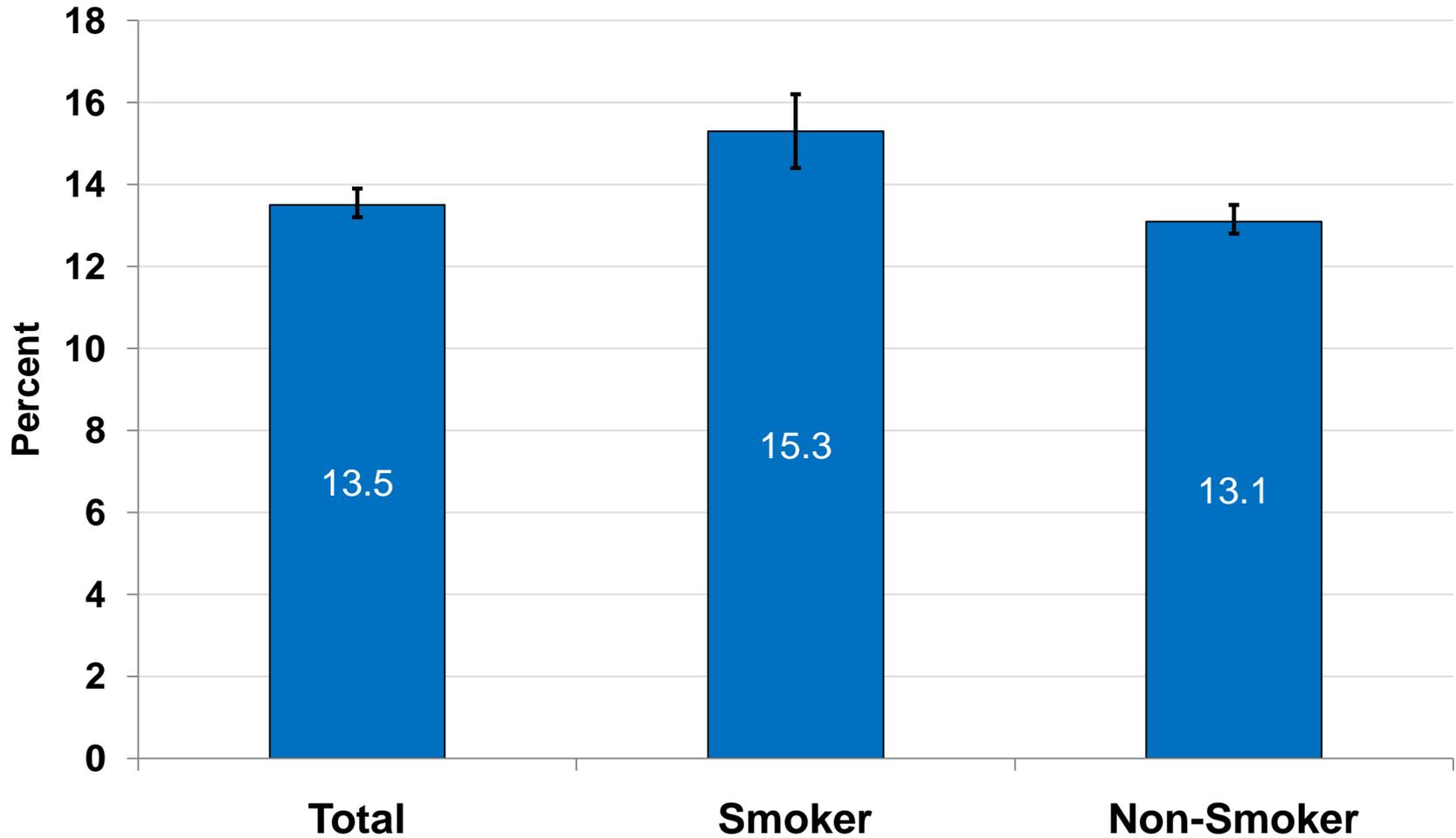
Percent of Low Birth Weight* Births by Maternal Smoking Status, Arkansas 2000-2008



Source: Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

* Low Birth Weight is defined as less than 2,500 grams.

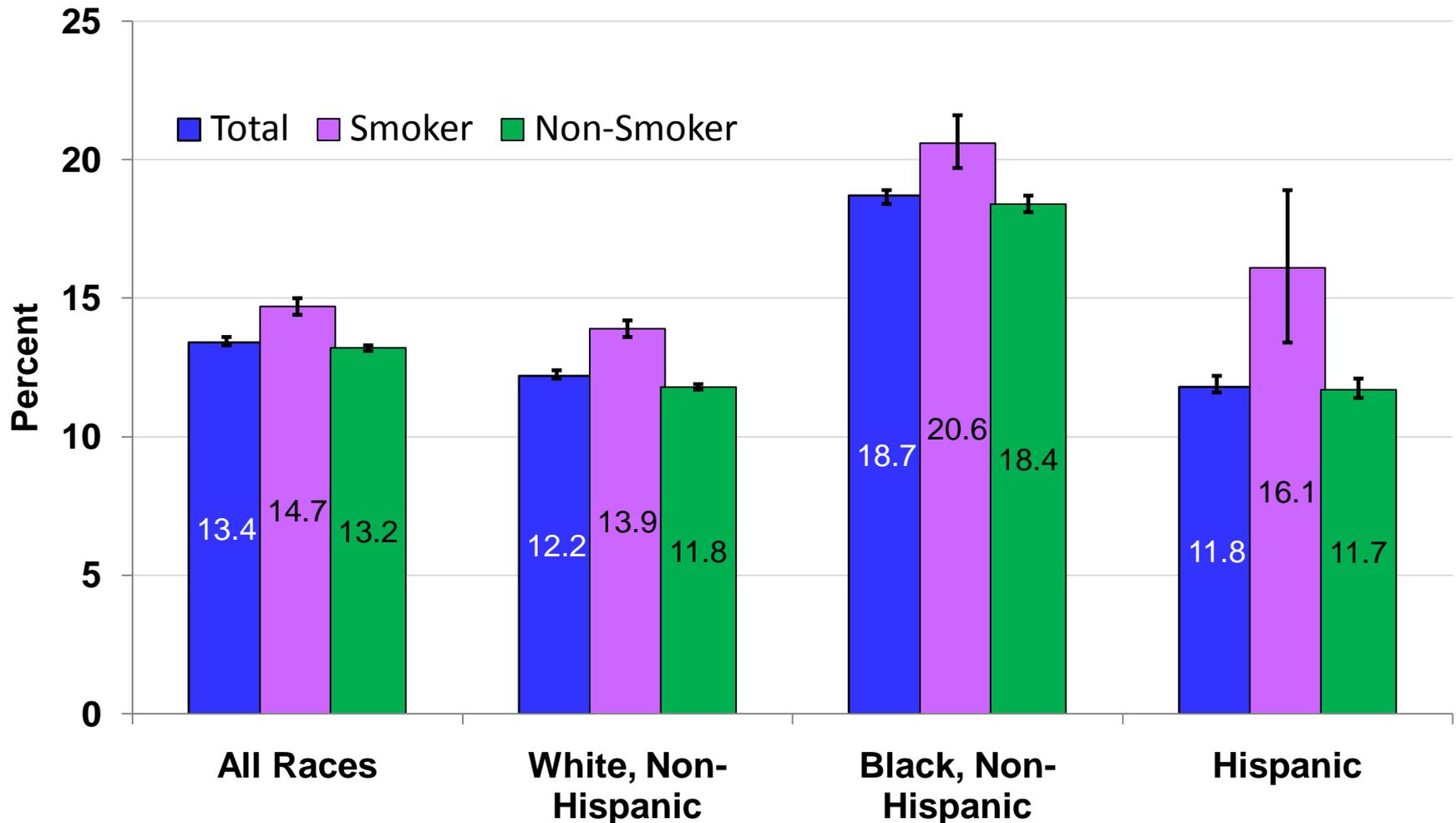
Percent of Preterm* Births by Maternal Smoking Status, Arkansas 2008



Source: Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

* Preterm is defined as less than 37 weeks gestation.

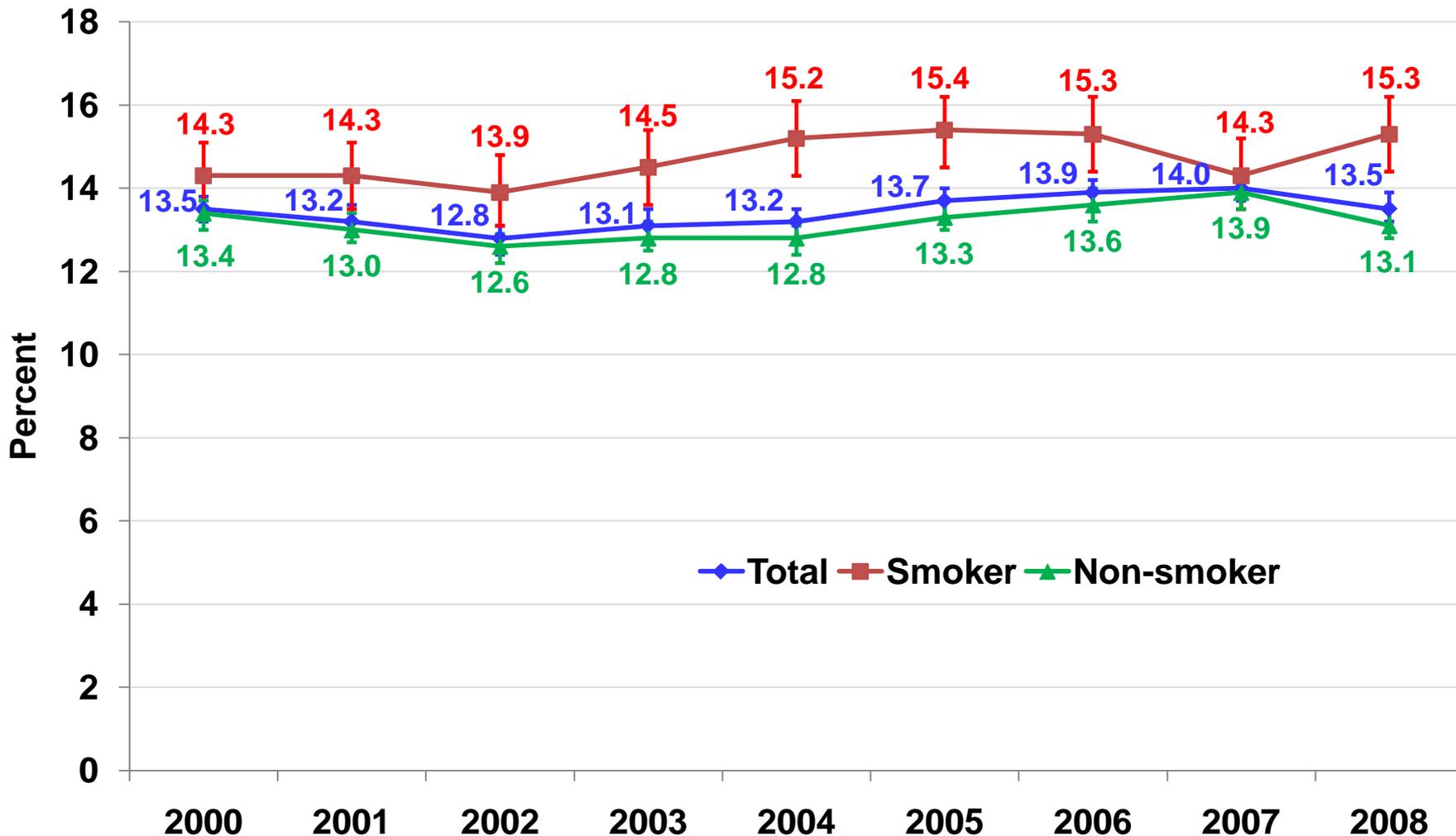
Percent of Preterm* Births by Race/Ethnicity and Maternal Smoking Status, Arkansas 2000-2008



Source: Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

* Preterm is defined as less than 37 weeks gestation.

Percent of Preterm* Births by Maternal Smoking Status, Arkansas 2000-2008

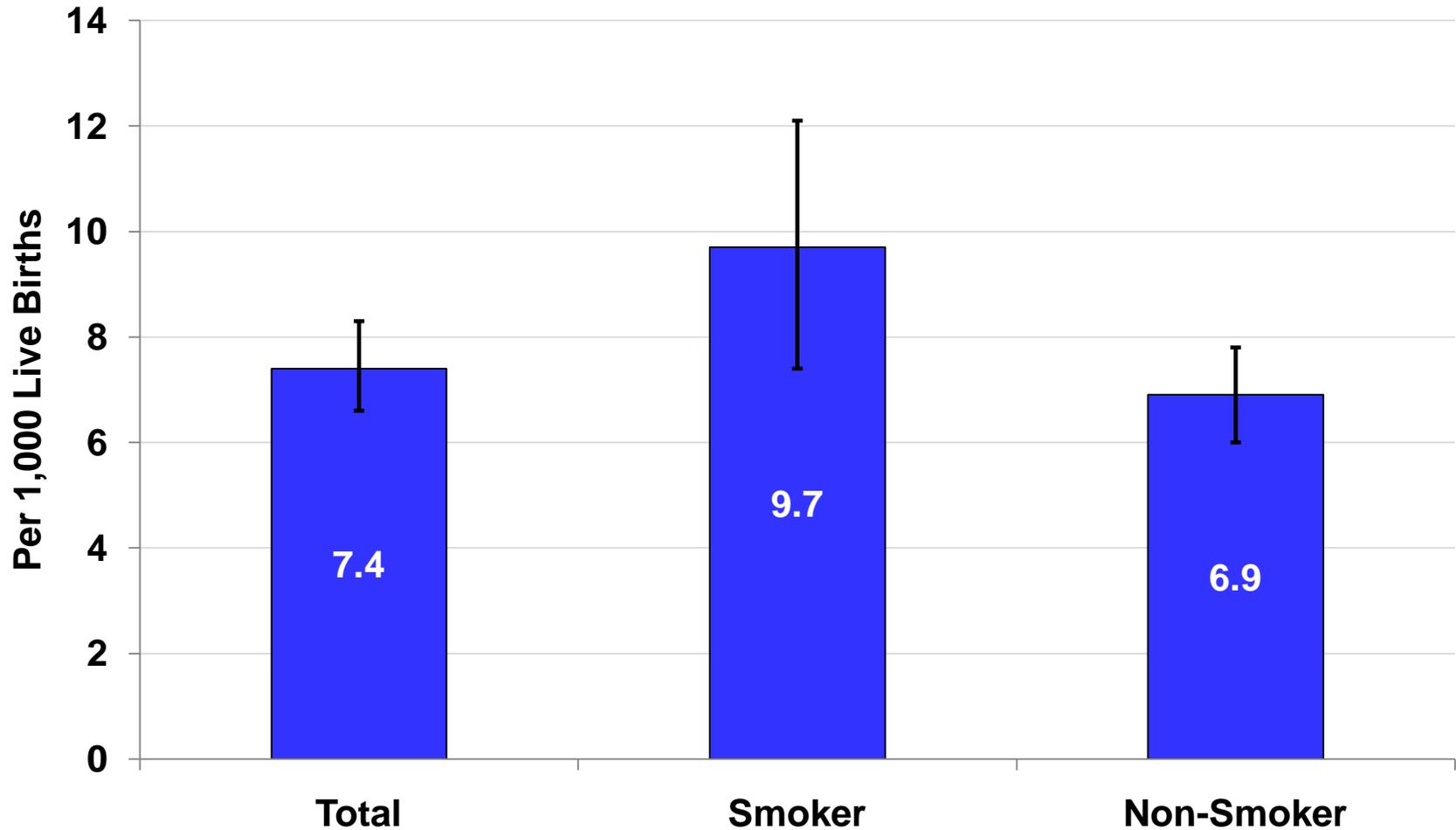


Source: Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

* Preterm is defined as less than 37 weeks gestation.

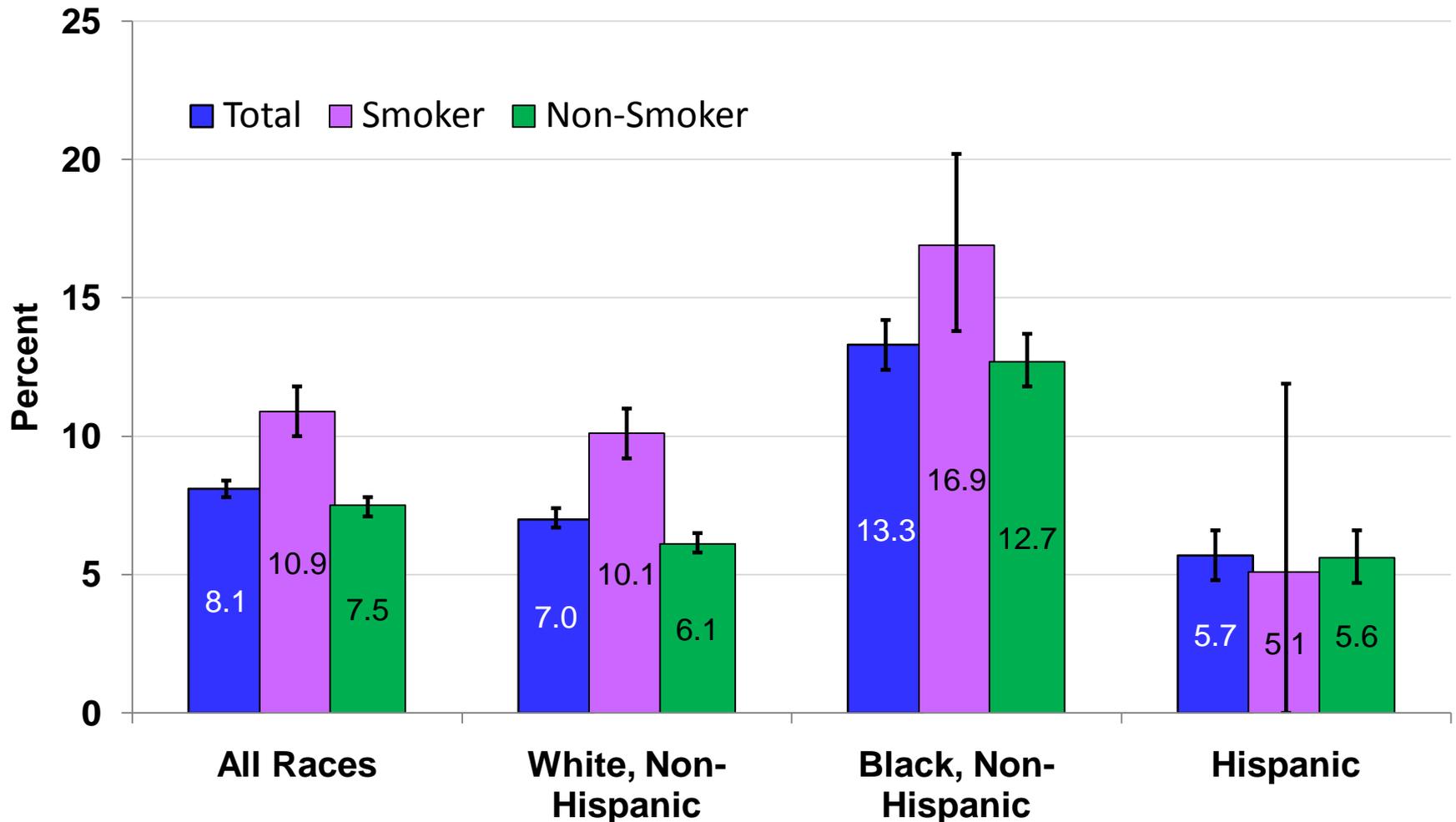
D. Infant Mortality and Maternal Smoking

Infant Mortality Rate by Maternal Smoking Status, Arkansas 2007



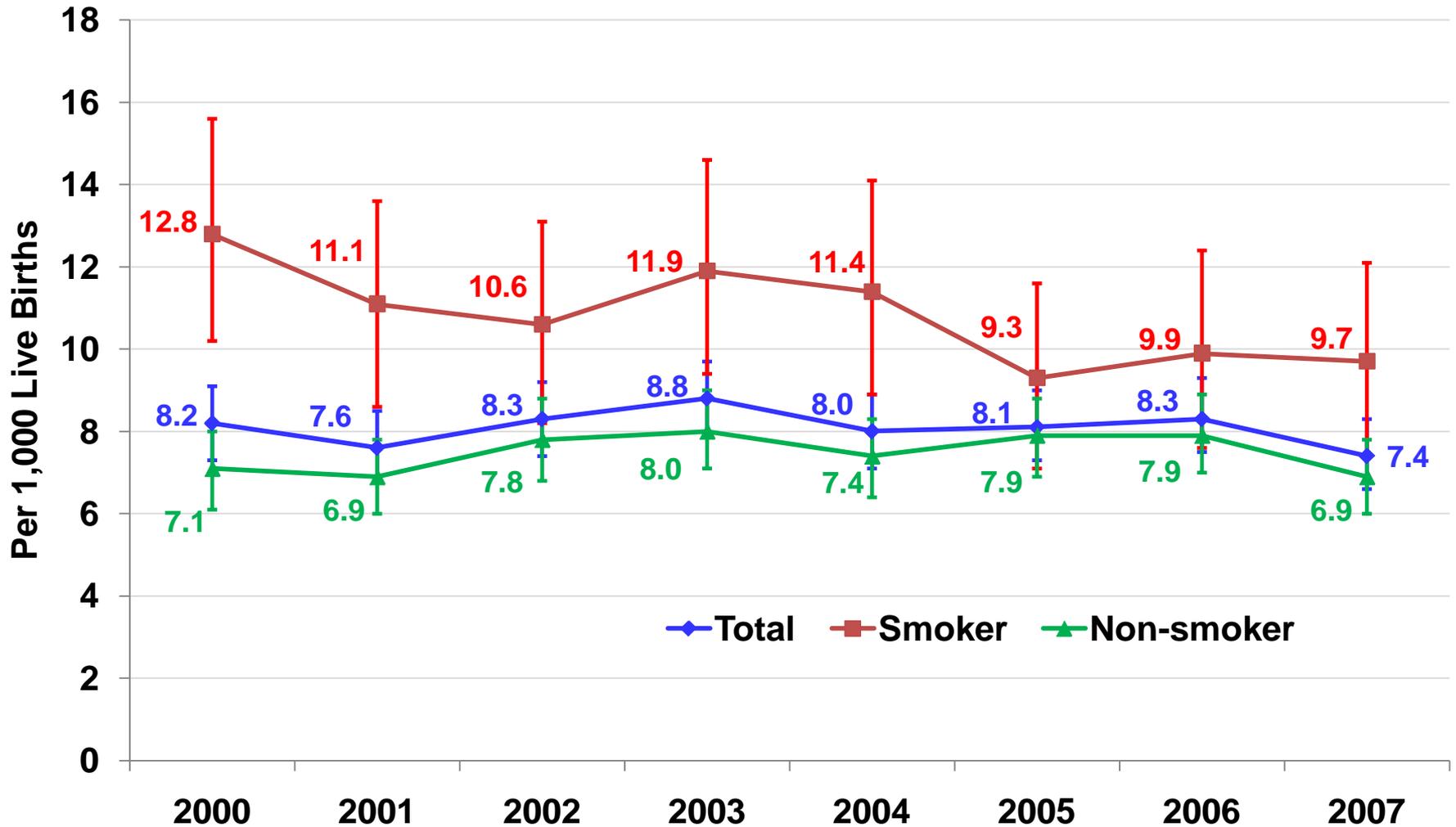
Source: Linked Birth/Infant Death Data, Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

Infant Mortality Rate by Race/Ethnicity and Maternal Smoking Status, Arkansas 2000-2007



Source: Linked Birth/Infant Death Data, Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

Infant Mortality Rate by Maternal Smoking Status, Arkansas 2000-2007

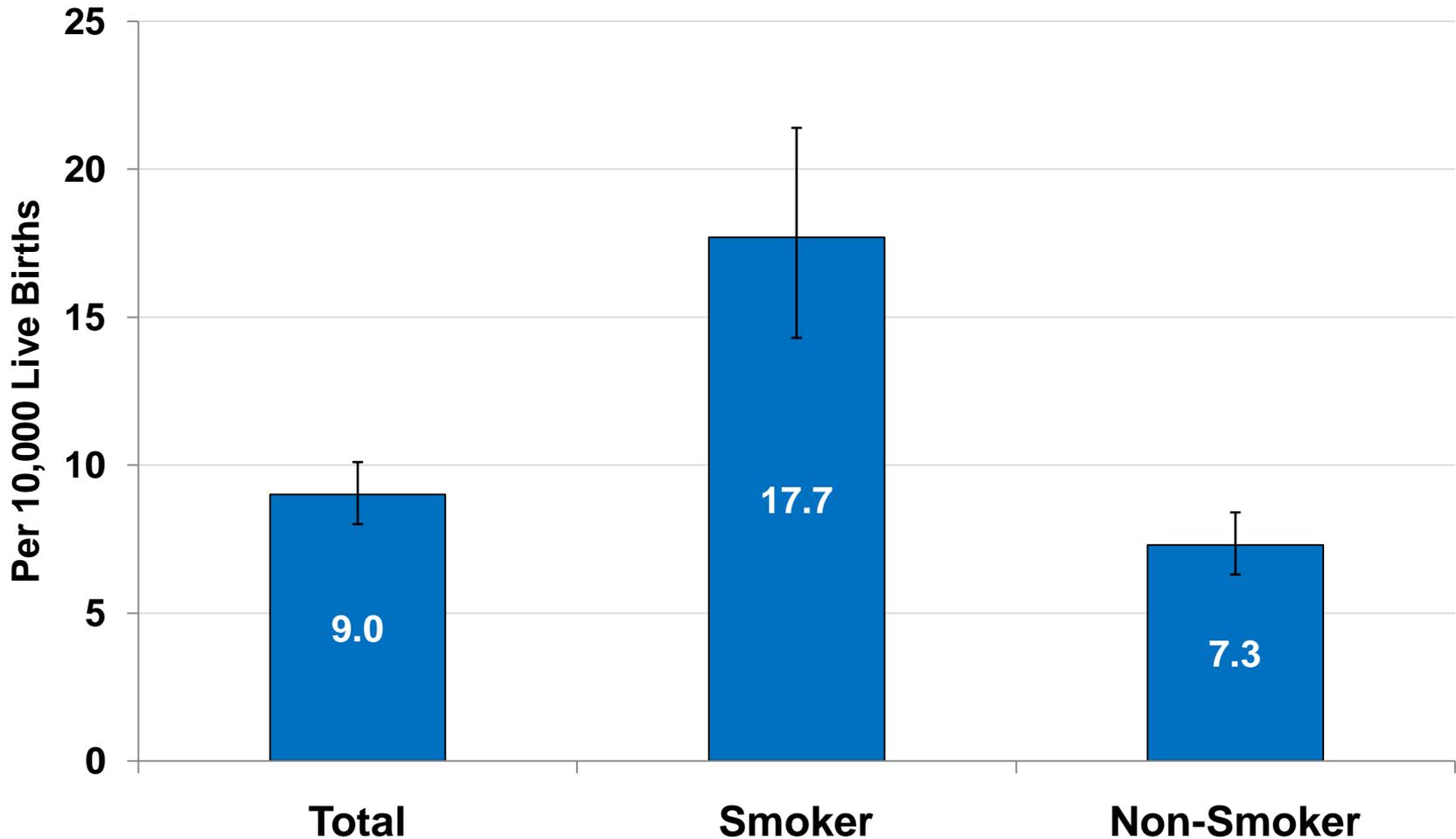


Source: Linked Birth/Infant Death Data, Vital Statistics System, Health Statistics Branch, Arkansas Department of Health



E. SIDS Mortality and Maternal Smoking

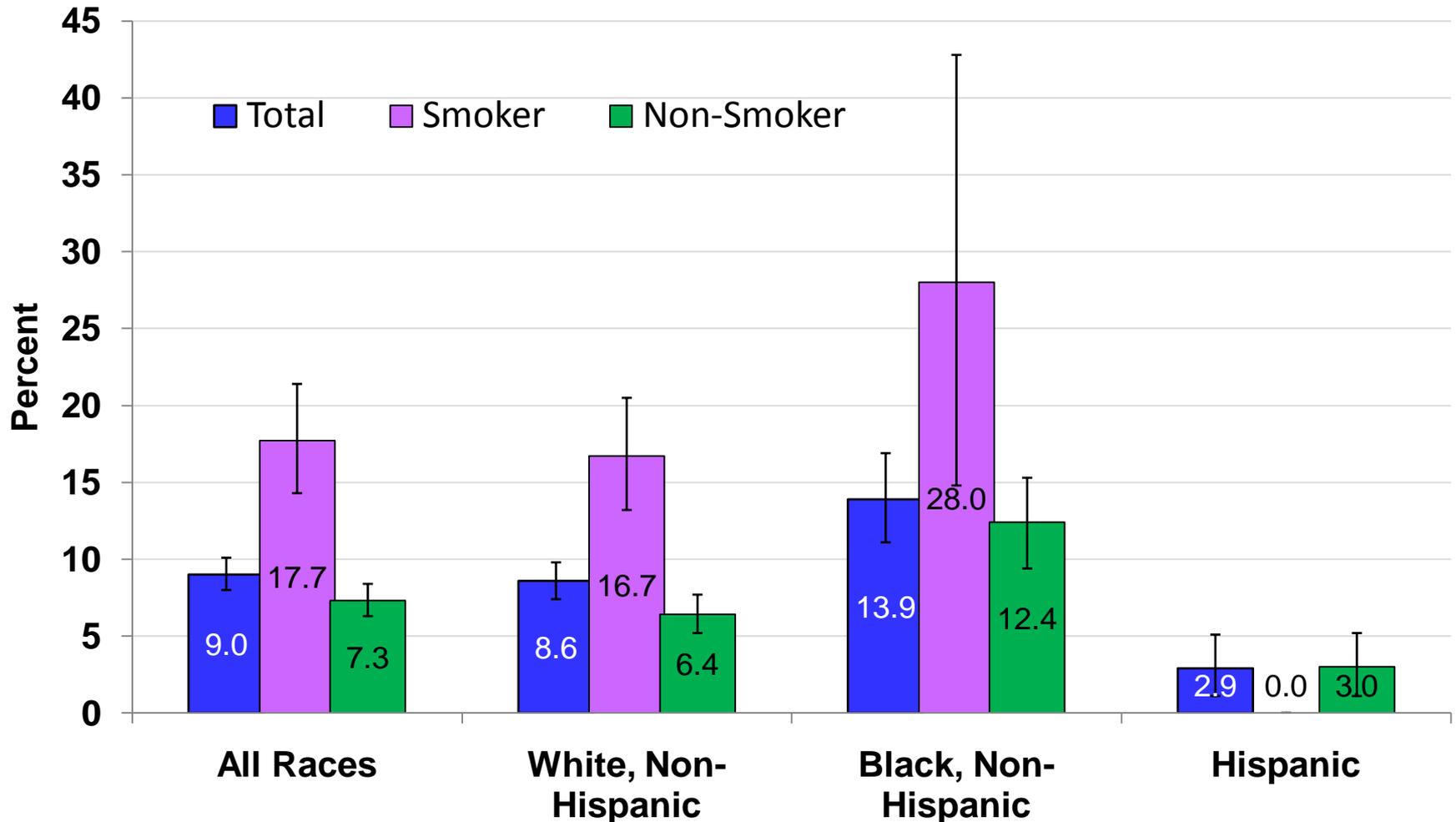
SIDS* Mortality Rate by Maternal Smoking Status, Arkansas 2000-2007



Source: Linked Birth/Infant Death Data, Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

* ICD-10 Code for SIDS: 'R95'.

SIDS* Mortality Rate by Race/Ethnicity and Maternal Smoking Status, Arkansas 2000-2007



Source: Linked Birth/Infant Death Data, Vital Statistics System, Health Statistics Branch, Arkansas Department of Health

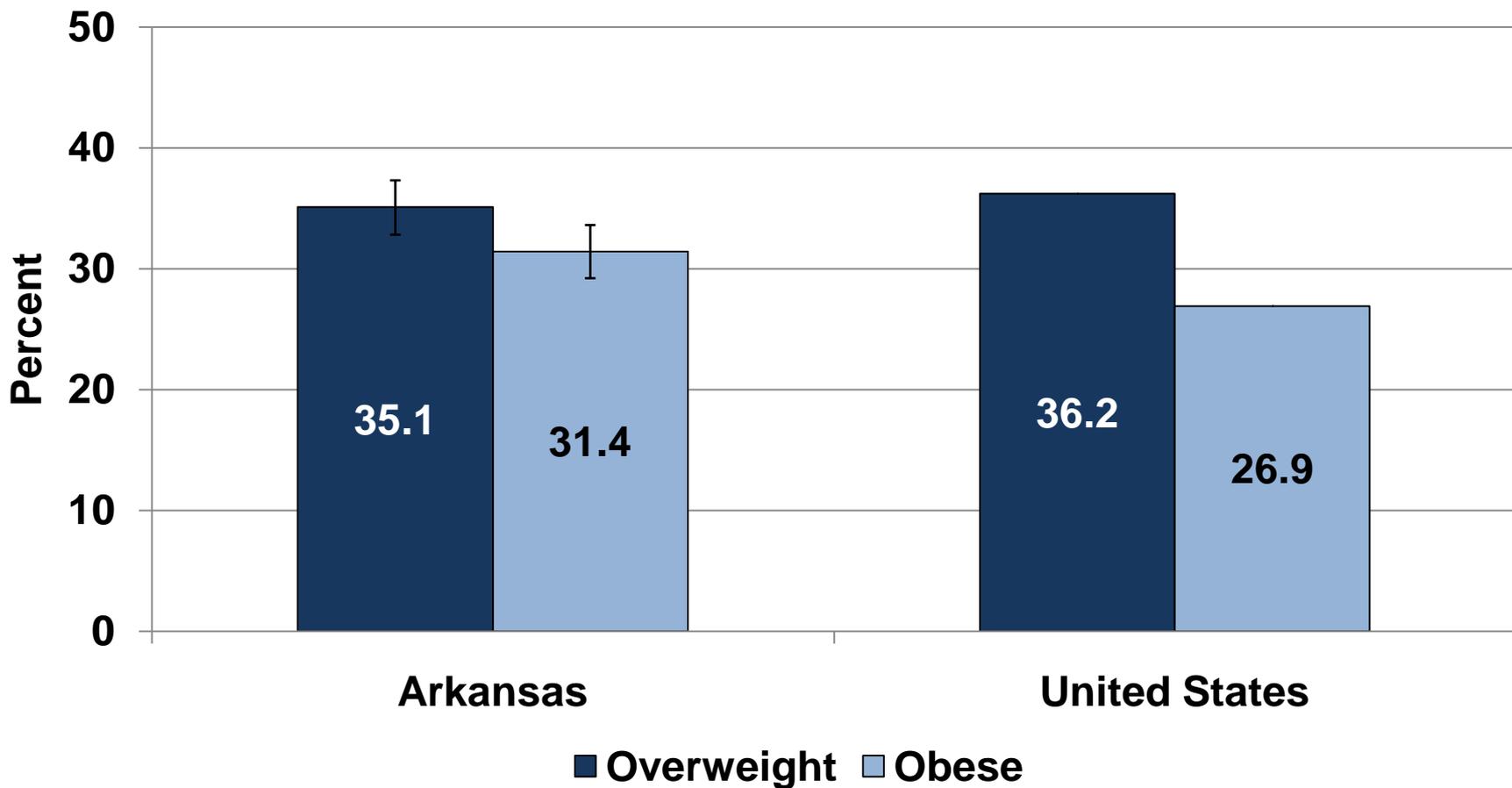
* ICD-10 Code for SIDS: 'R95'.

SECTION V

Impact of Tobacco Use: Overweight and Obese



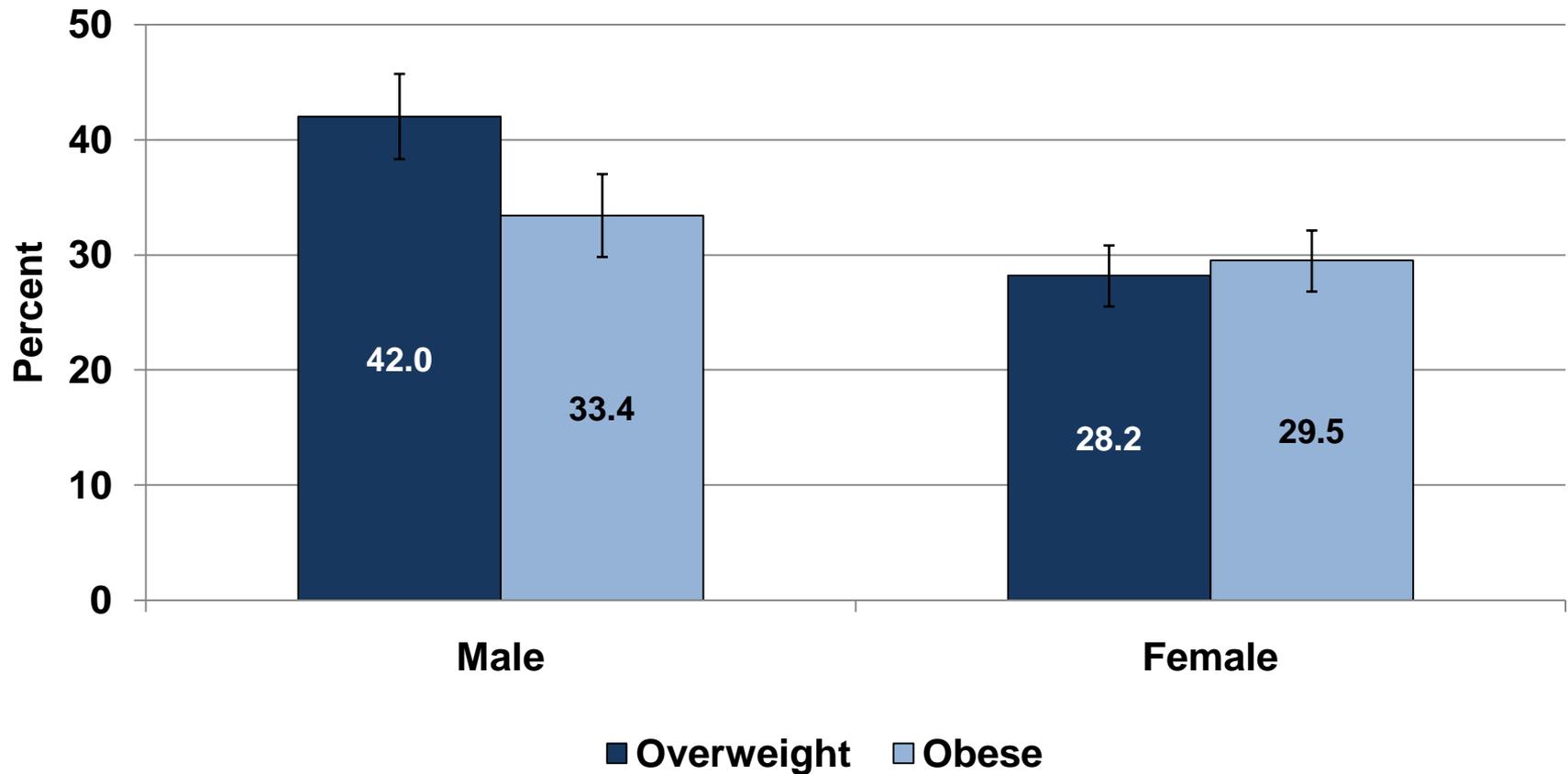
Adult Weight Classification by BMI, Arkansas vs. US, 2009



Data Source: BRFSS

BMI Categories: Underweight = <18.5; Overweight = 25-29.9; Obese = BMI \geq 30 ; Neither Overweight nor Obese = 18.5-24.9

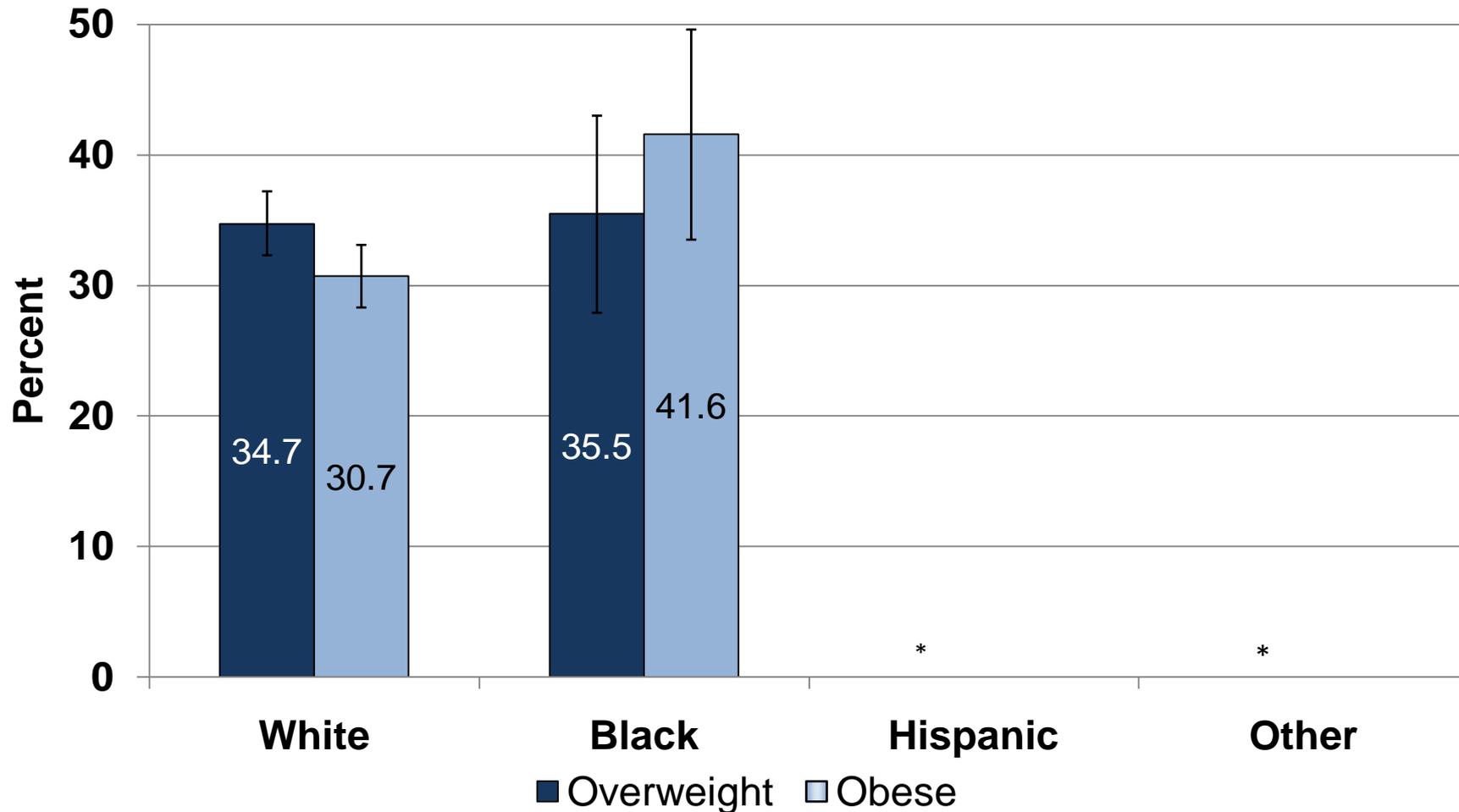
Adult Weight Classification by BMI in Arkansas, by Gender, 2009



Data Source: BRFSS

BMI Categories: Underweight = <18.5; Overweight = 25-29.9; Obese = BMI \geq 30 ; Neither Overweight nor Obese = 18.5-24.9

Adult Weight Classification by BMI in Arkansas, by Race, 2009

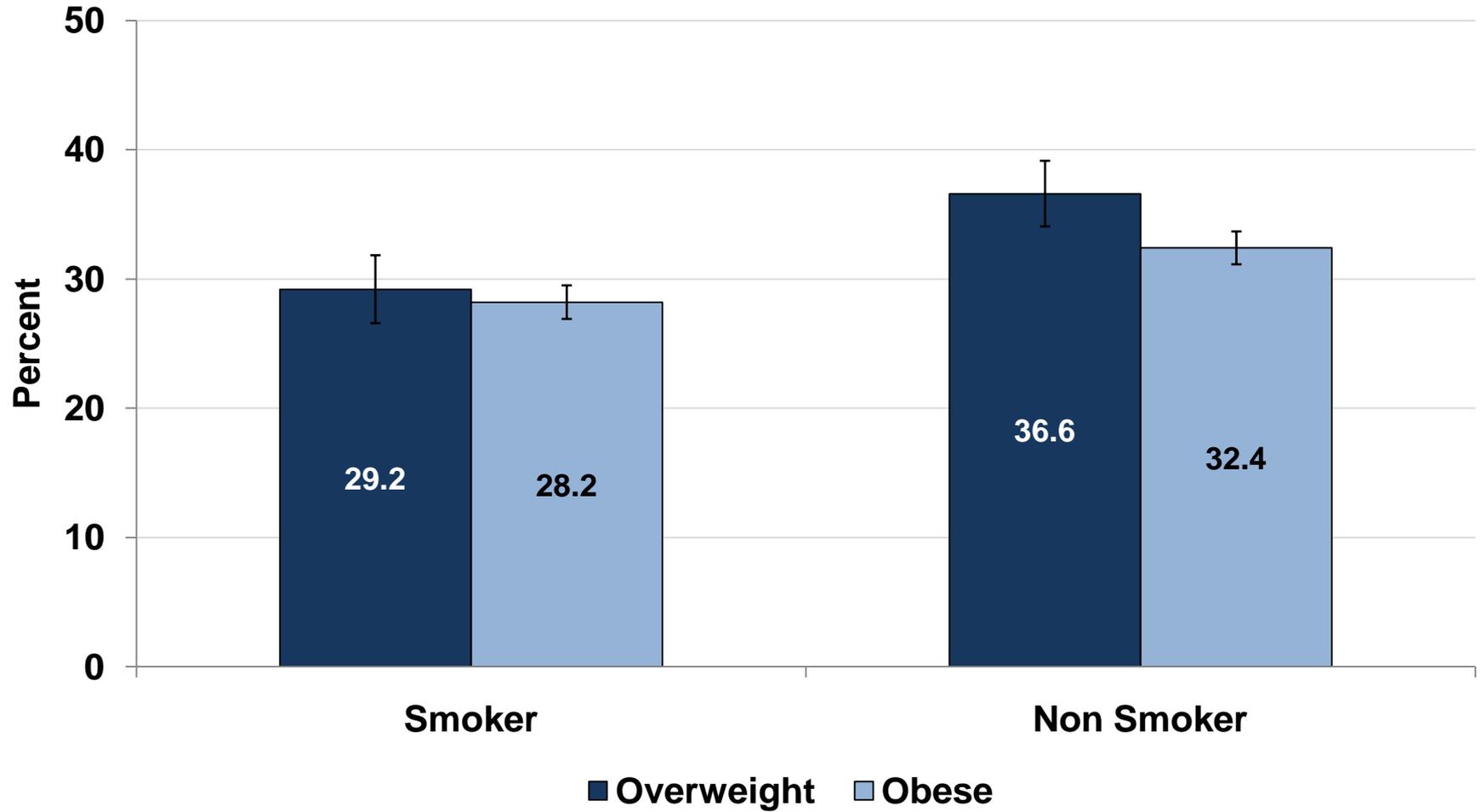


Data Source: BRFSS

BMI Categories: Underweight = <18.5; Overweight = 25-29.9; Obese = BMI ≥30 ; Neither Overweight nor Obese = 18.5-24.9

*No data available for Hispanic or Other

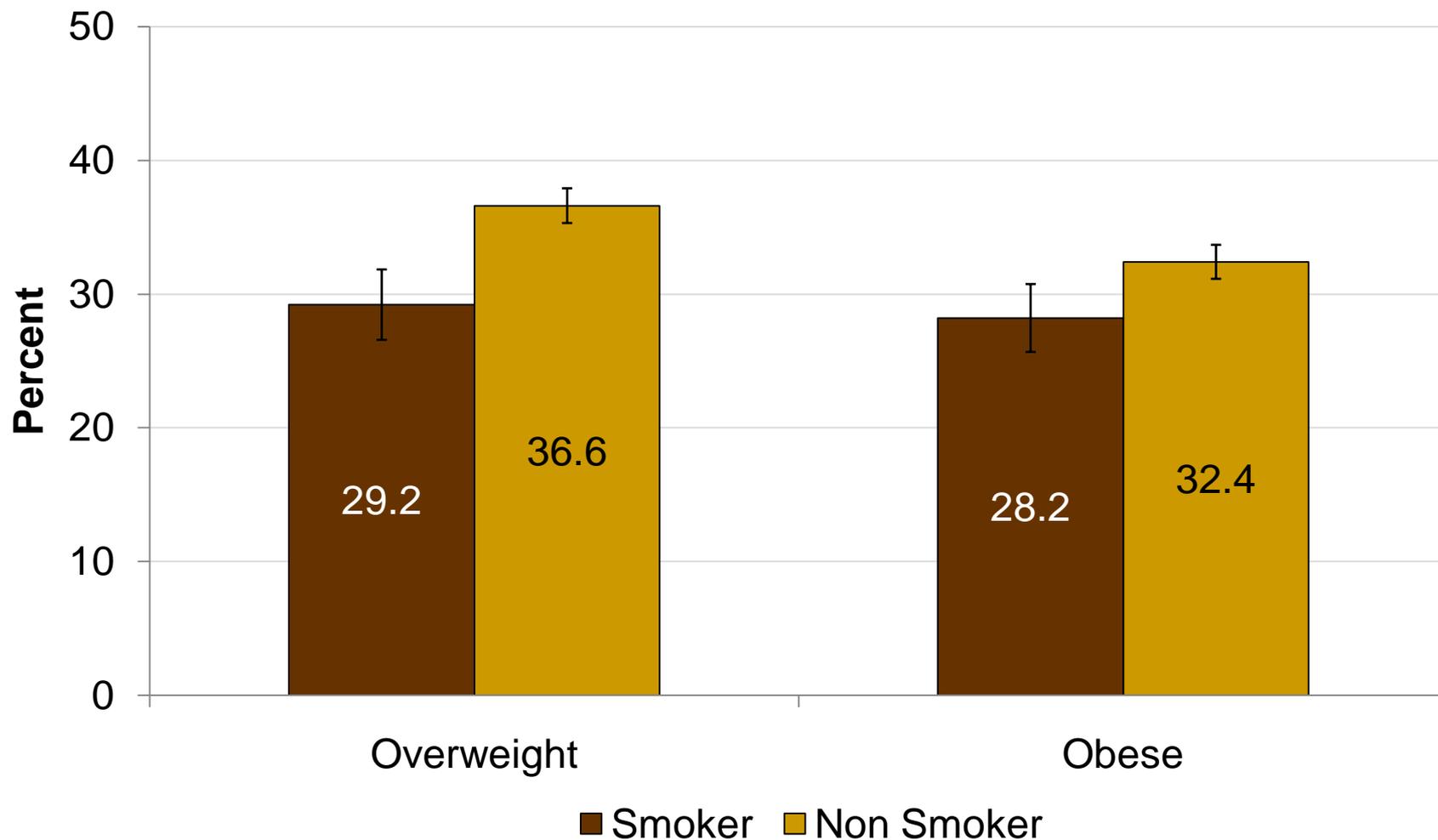
Adult Weight Classification by BMI in Arkansas, by Smoking Status, 2009



Data Source: BRFSS

BMI Categories: Underweight = <18.5; Overweight = 25-29.9; Obese = BMI \geq 30 ; Neither Overweight nor Obese = 18.5-24.9

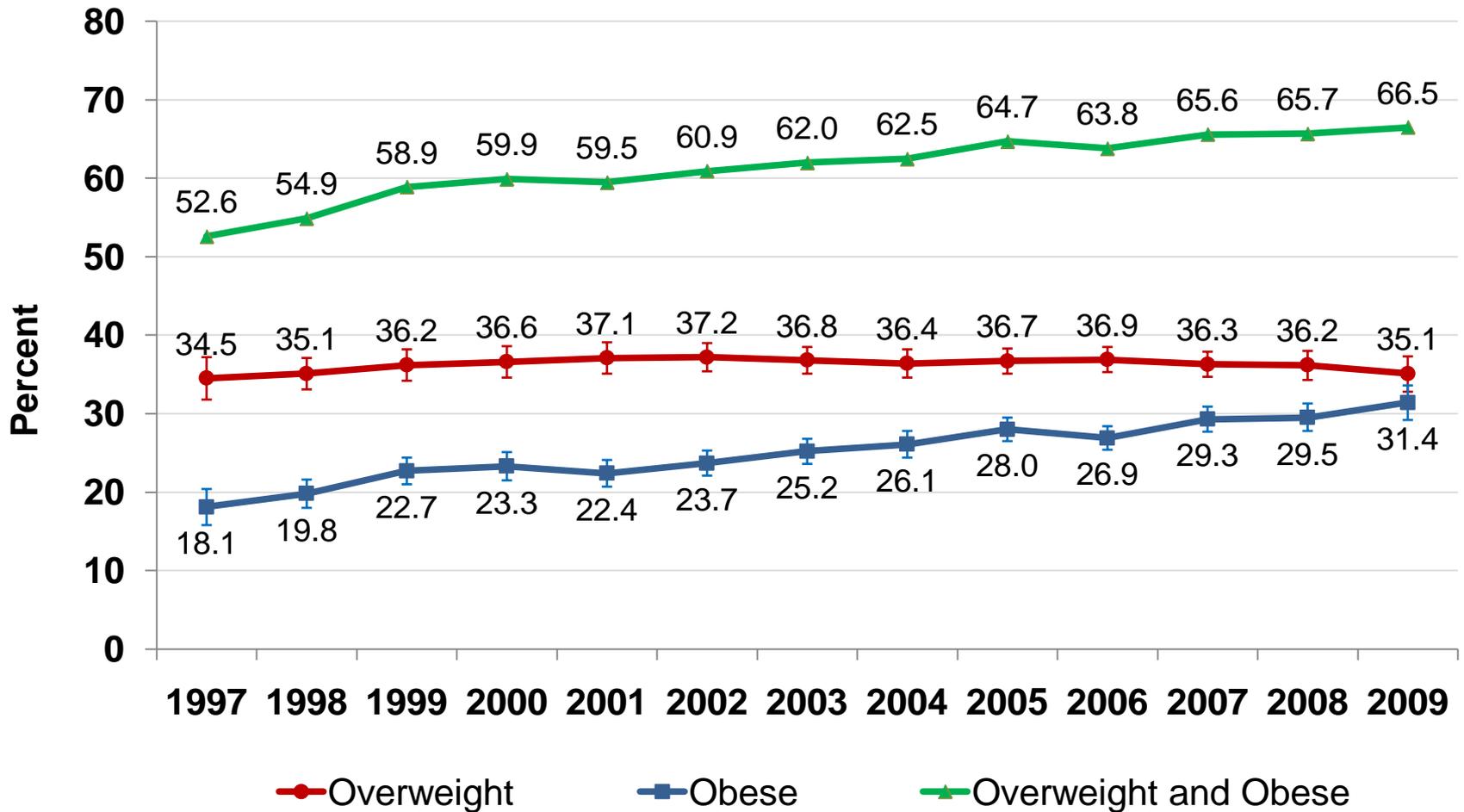
Current Smoking Prevalence by Adult Weight Classification (BMI) in AR, 2009



Data Source: BRFSS

BMI Categories: Underweight = <18.5; Overweight = 25-29.9; Obese = BMI ≥30 ; Neither Overweight nor Obese = 18.5-24.9

Trends for Adult Arkansans Overweight or Obese by Year 1997-2009



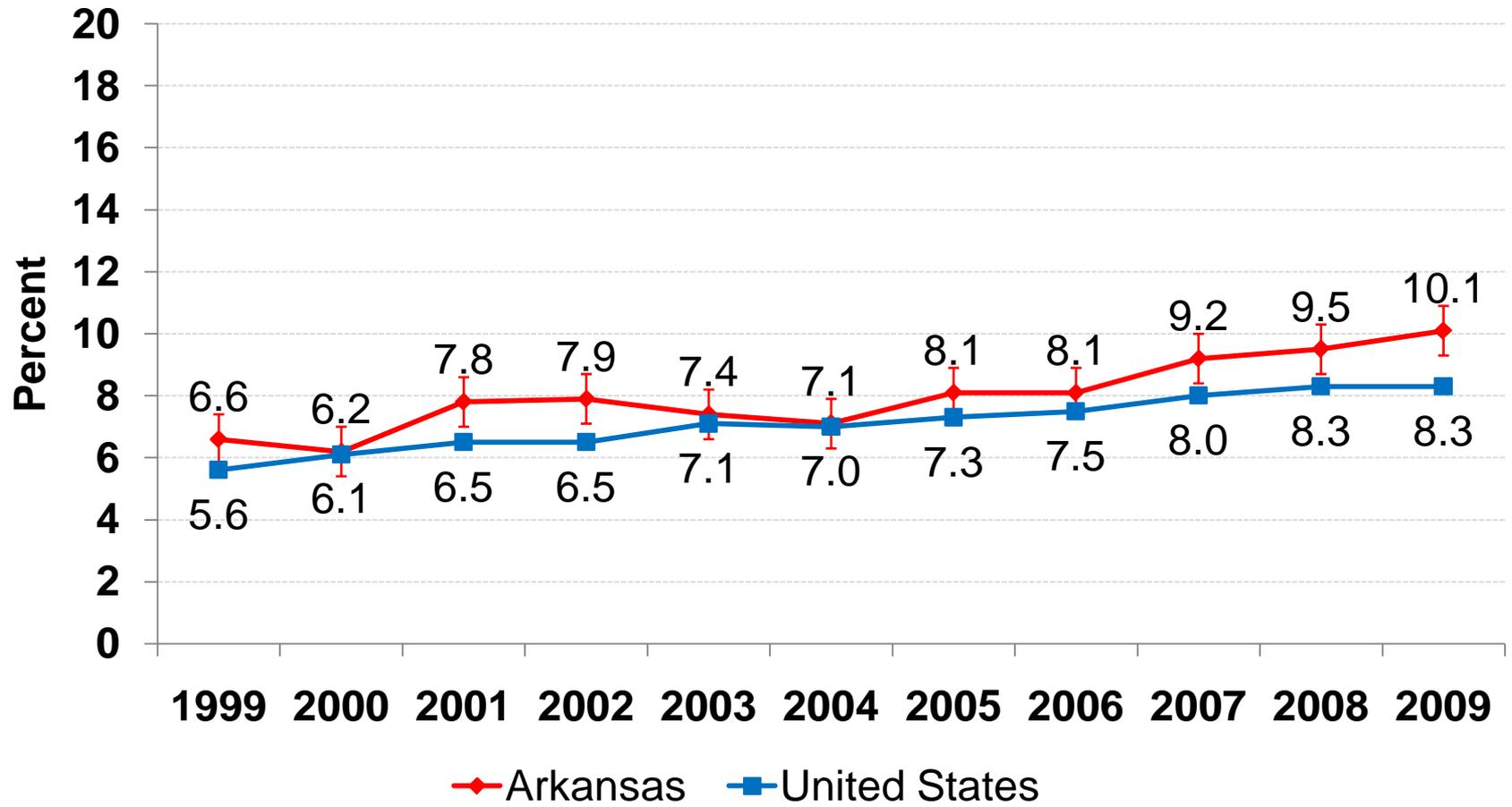
Data Source: BRFSS

BMI Categories: Underweight = <18.5; Overweight = 25-29.9; Obese = BMI ≥30 ; Neither Overweight nor Obese = 18.5-24.9

SECTION VI

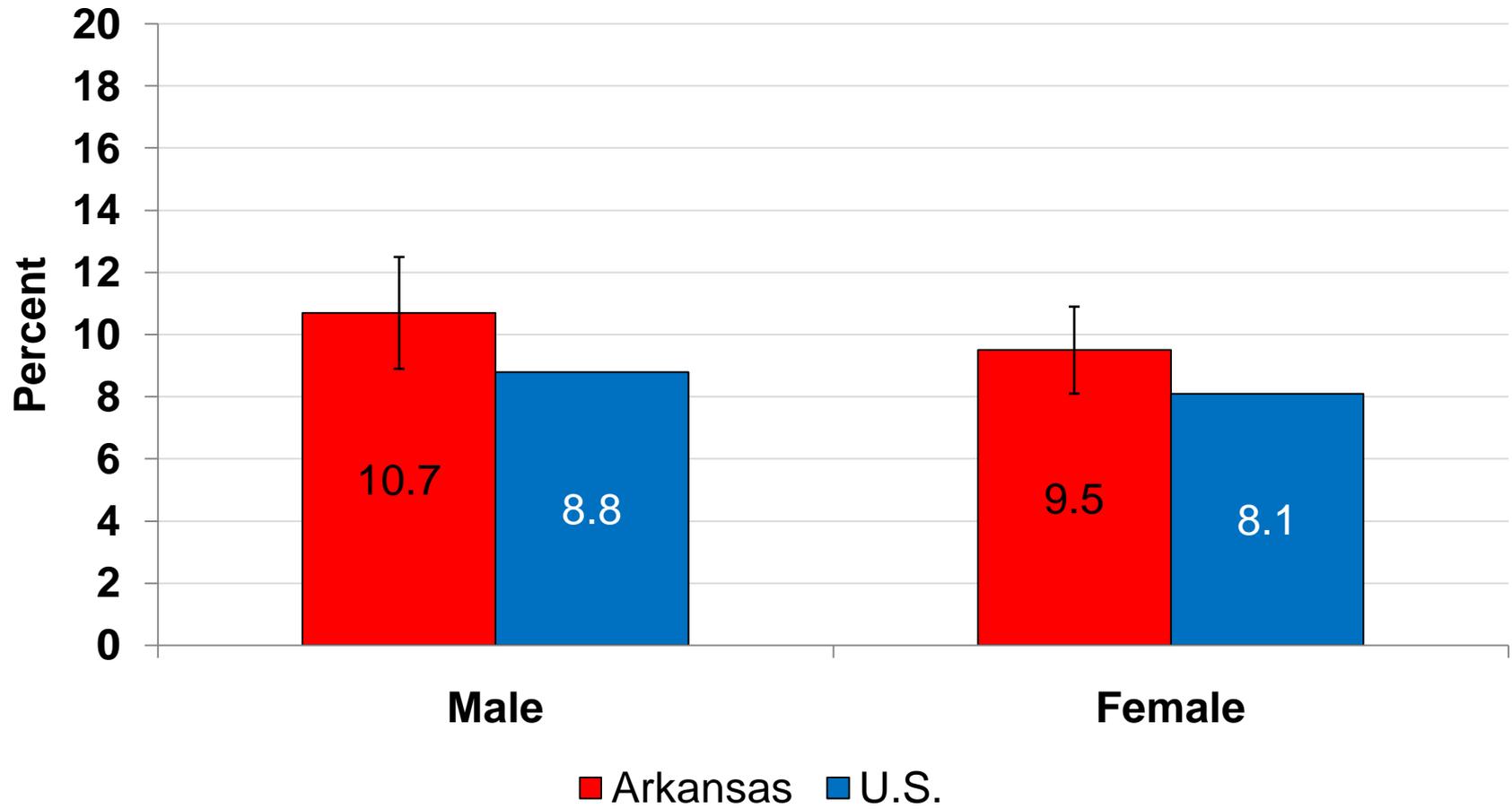
Impact of Tobacco Use: Diabetes

Diabetes* Prevalence in Arkansas and United States, 1999-2009



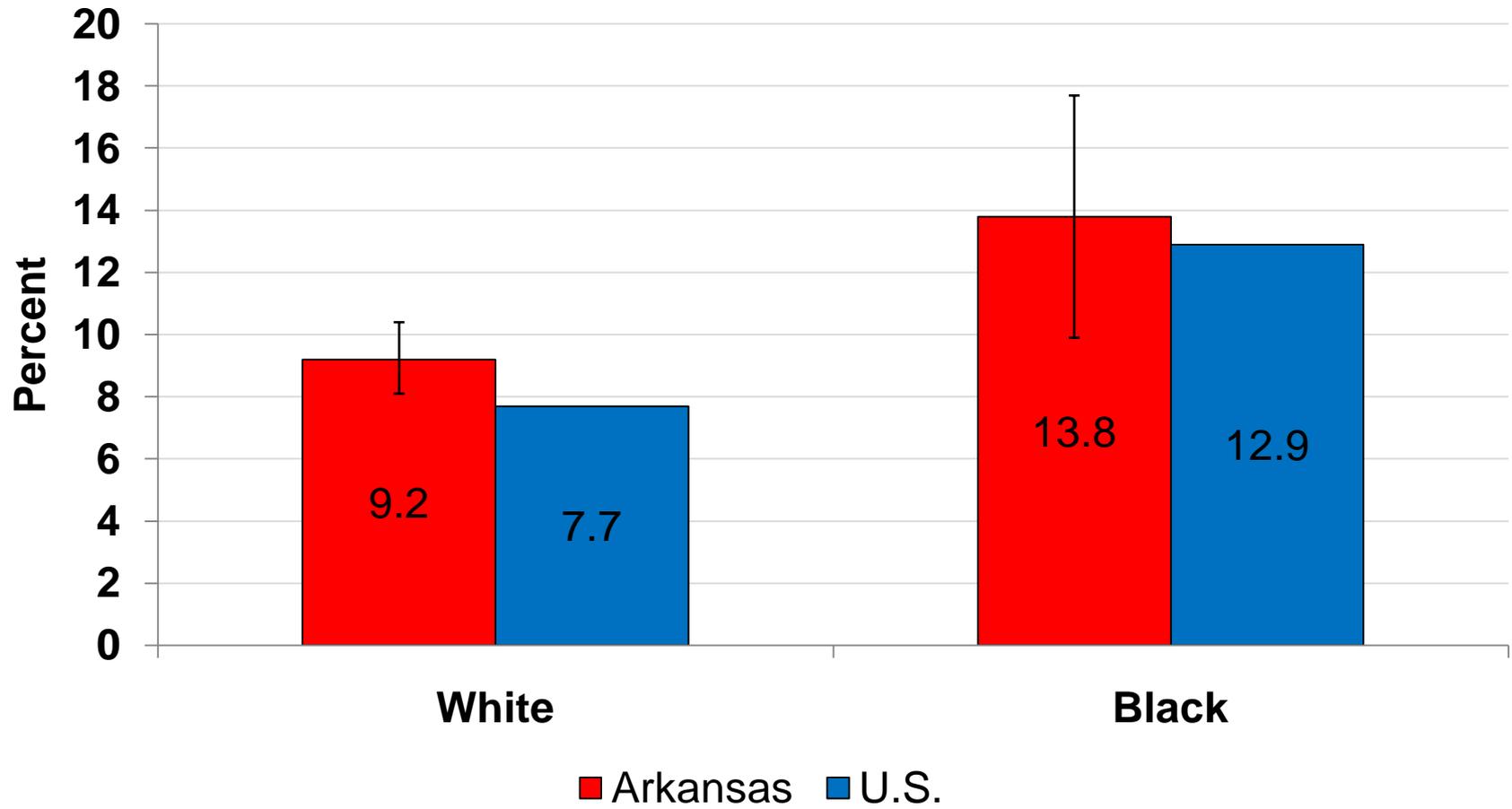
*Question: Have you ever been told by a doctor that you have diabetes?
 Source: CDC Behavioral Risk Factor Surveillance System

Diabetes* Prevalence in Arkansas and U.S. by Gender, 2009



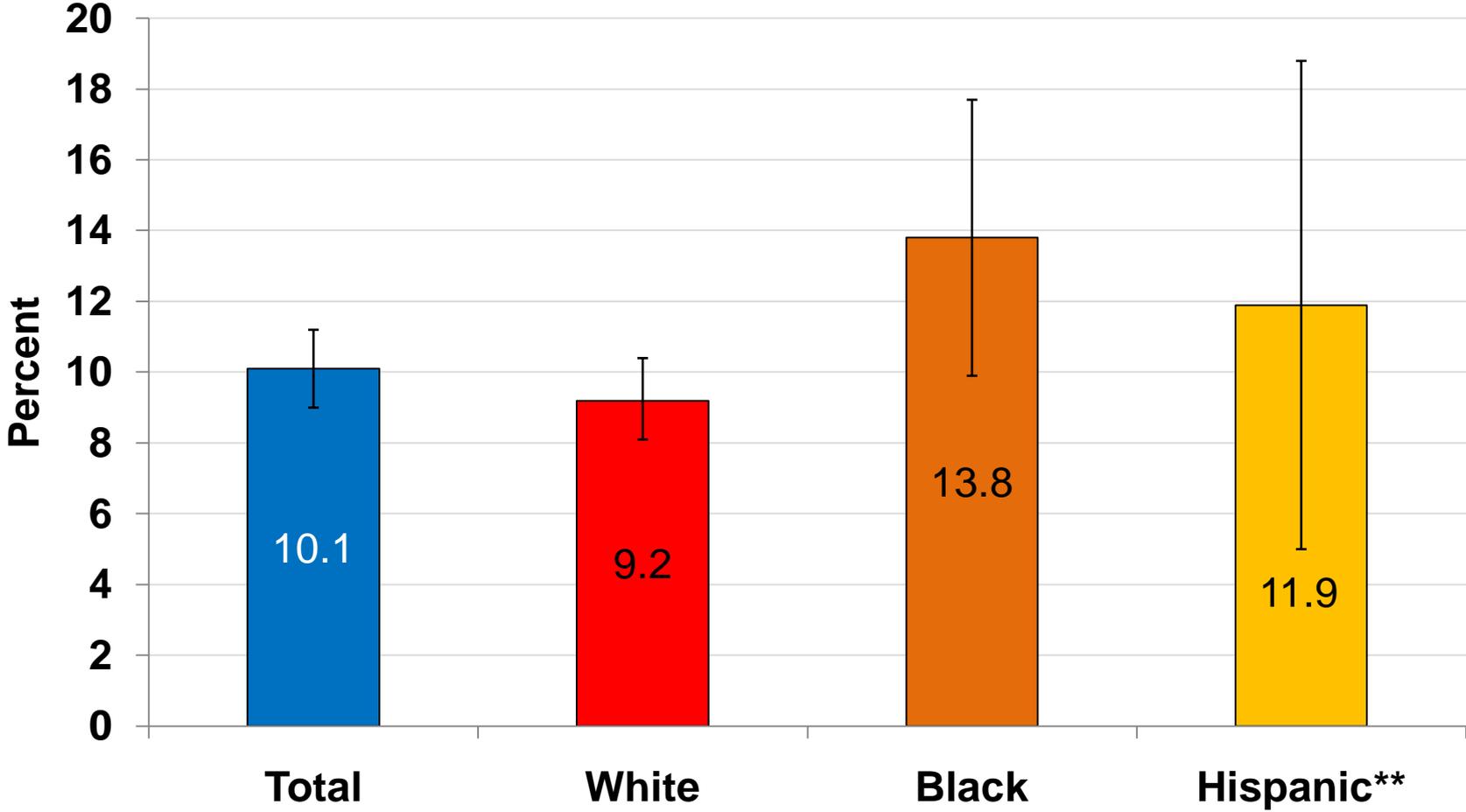
*Question: Have you ever been told by a doctor that you have diabetes?
Source: CDC Behavioral Risk Factor Surveillance System

Diabetes* Prevalence in Arkansas and U.S. by Race/Ethnicity, 2009



*Question: Have you ever been told by a doctor that you have diabetes?
Source: CDC Behavioral Risk Factor Surveillance System

Diabetes* Prevalence by Race/Ethnicity Arkansas, 2009

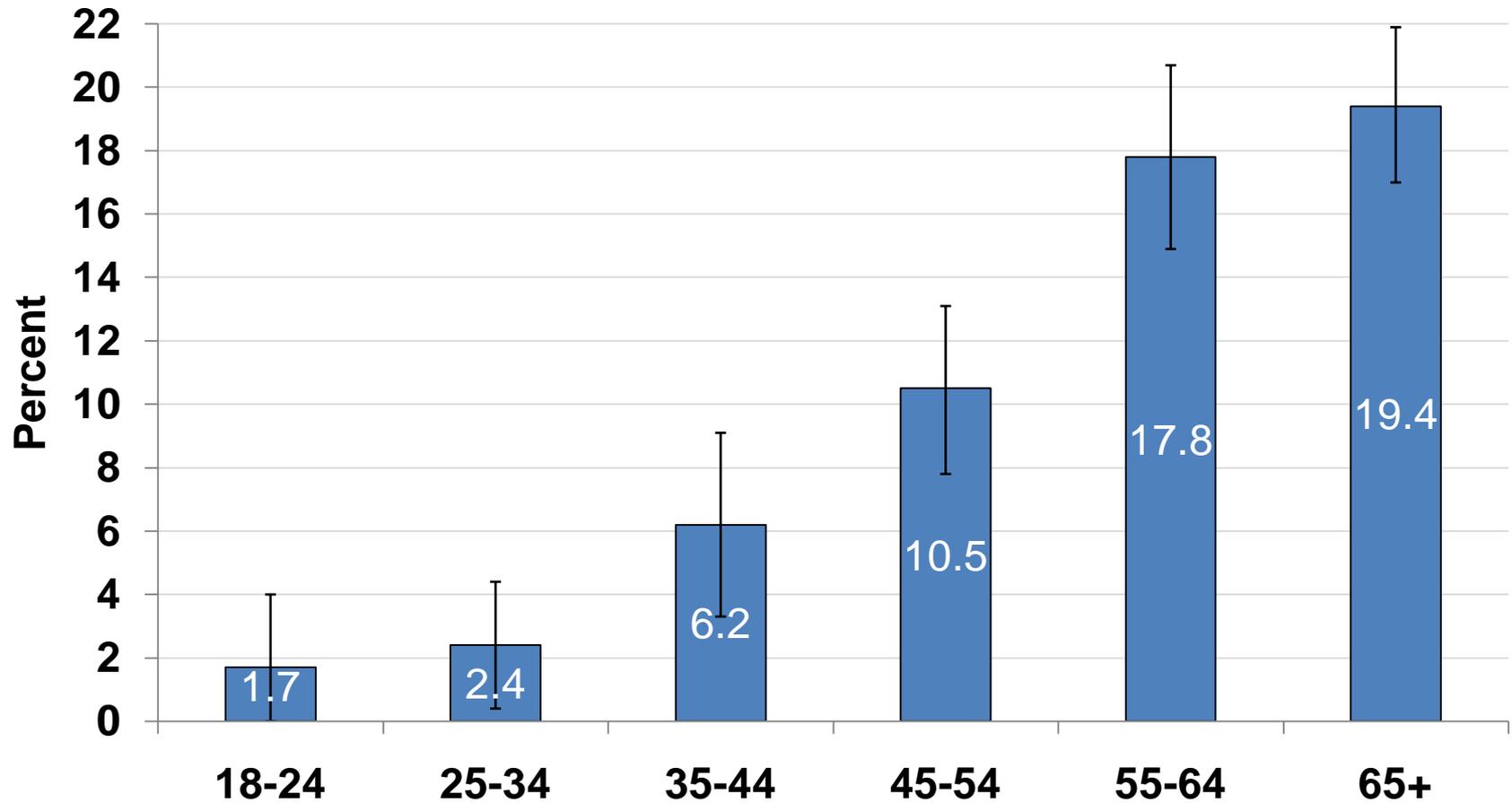


*Question: Have you ever been told by a doctor that you have diabetes?

**Use cause in interpreting data on Hispanics due to small numbers.

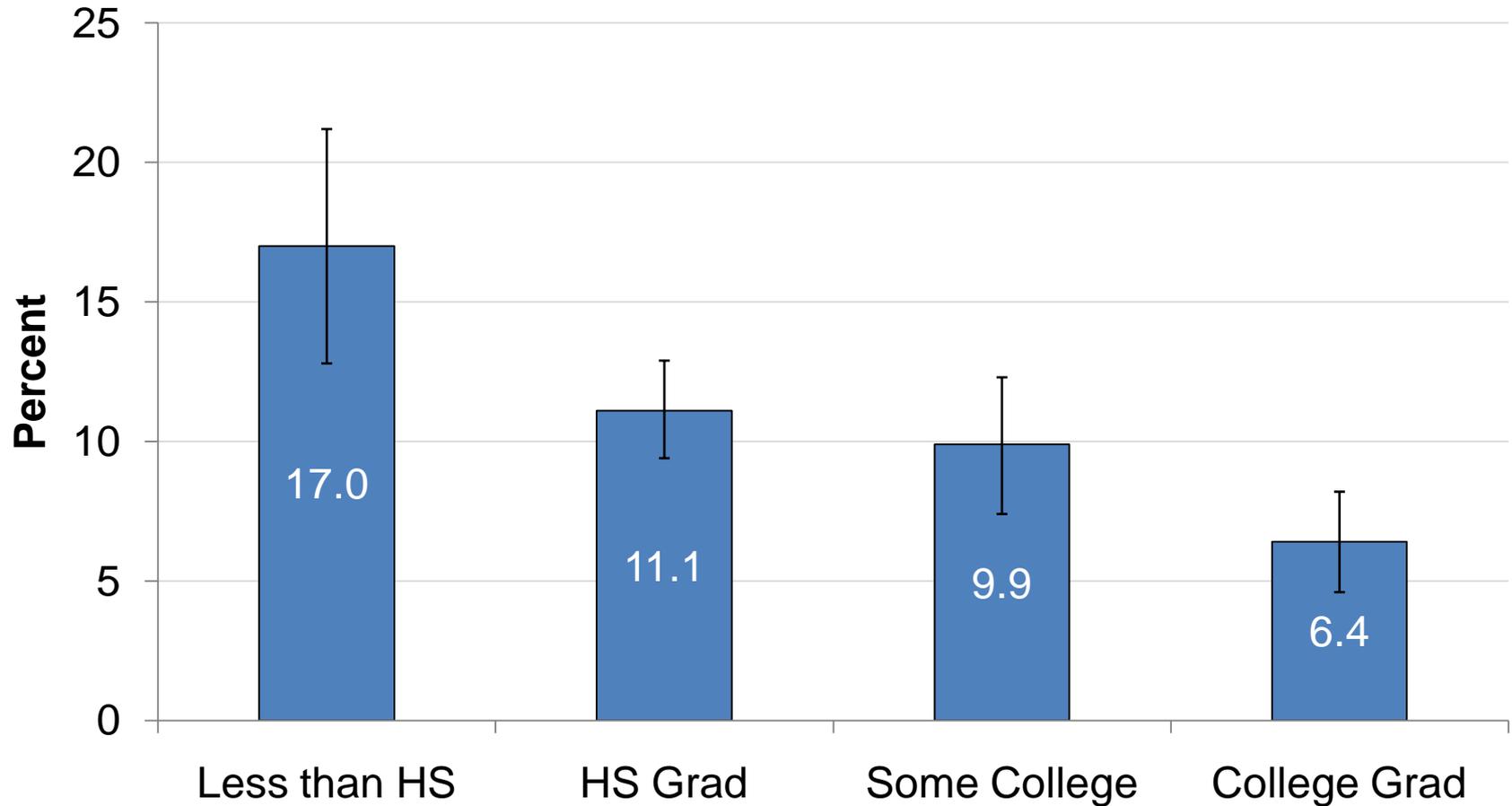
Source: CDC Behavioral Risk Factor Surveillance System

Diabetes* Prevalence by Age Group Arkansas, 2009



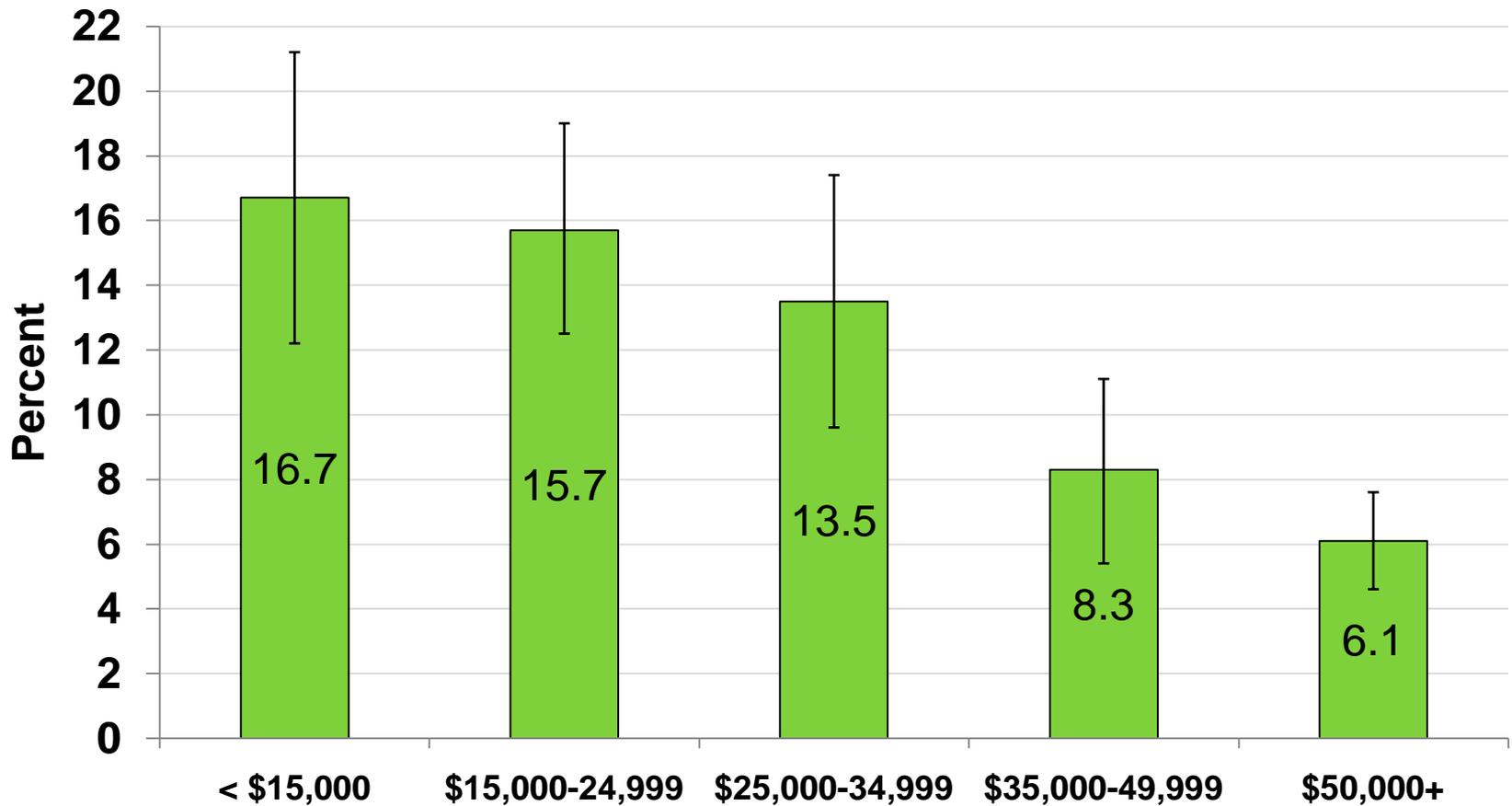
*Question: Have you ever been told by a doctor that you have diabetes?
Source: CDC Behavioral Risk Factor Surveillance System

Diabetes* Prevalence by Education Arkansas, 2009



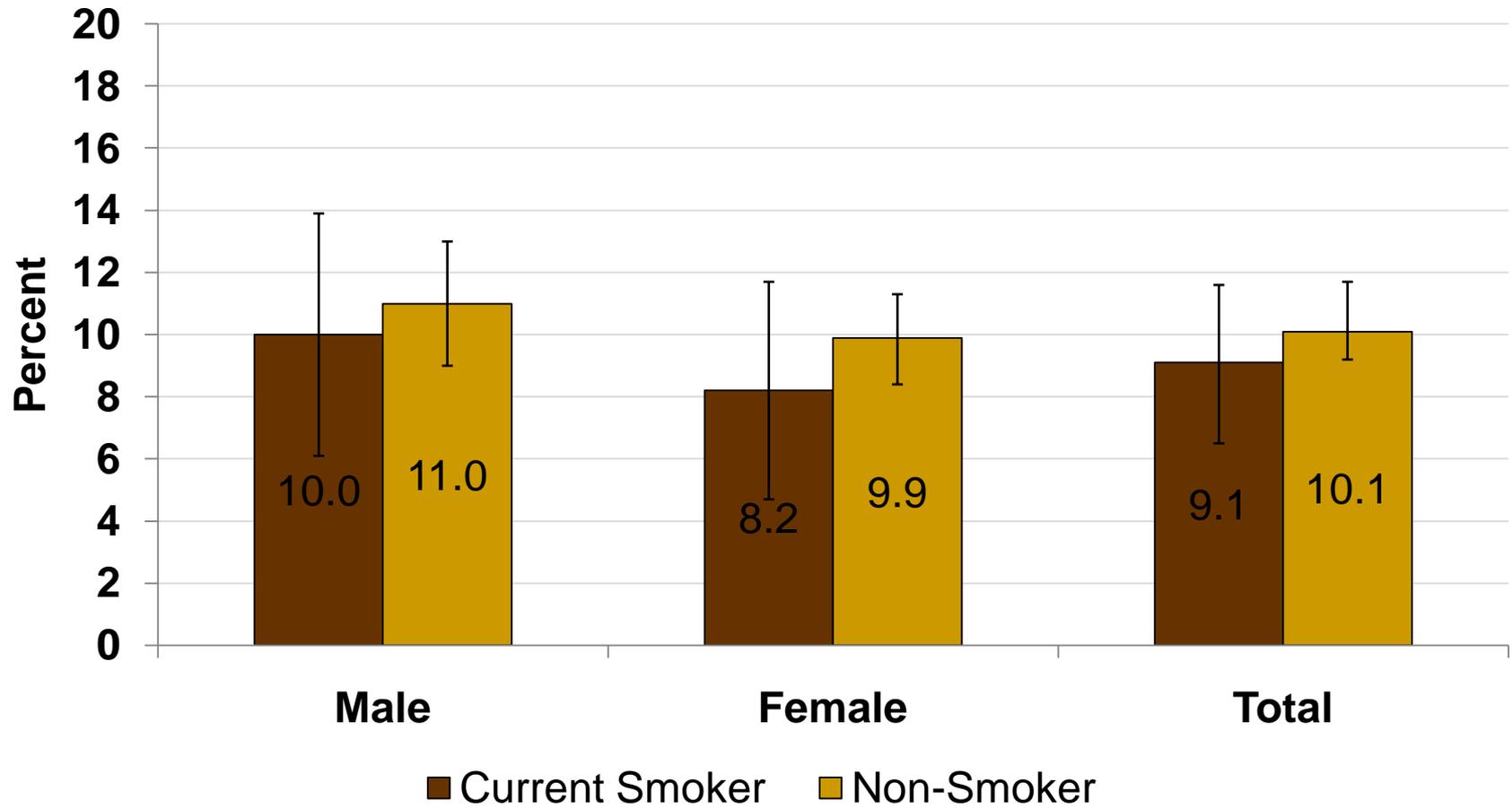
*Question: Have you ever been told by a doctor that you have diabetes?
Source: CDC Behavioral Risk Factor Surveillance System

Diabetes* Prevalence by Income Level Arkansas, 2009



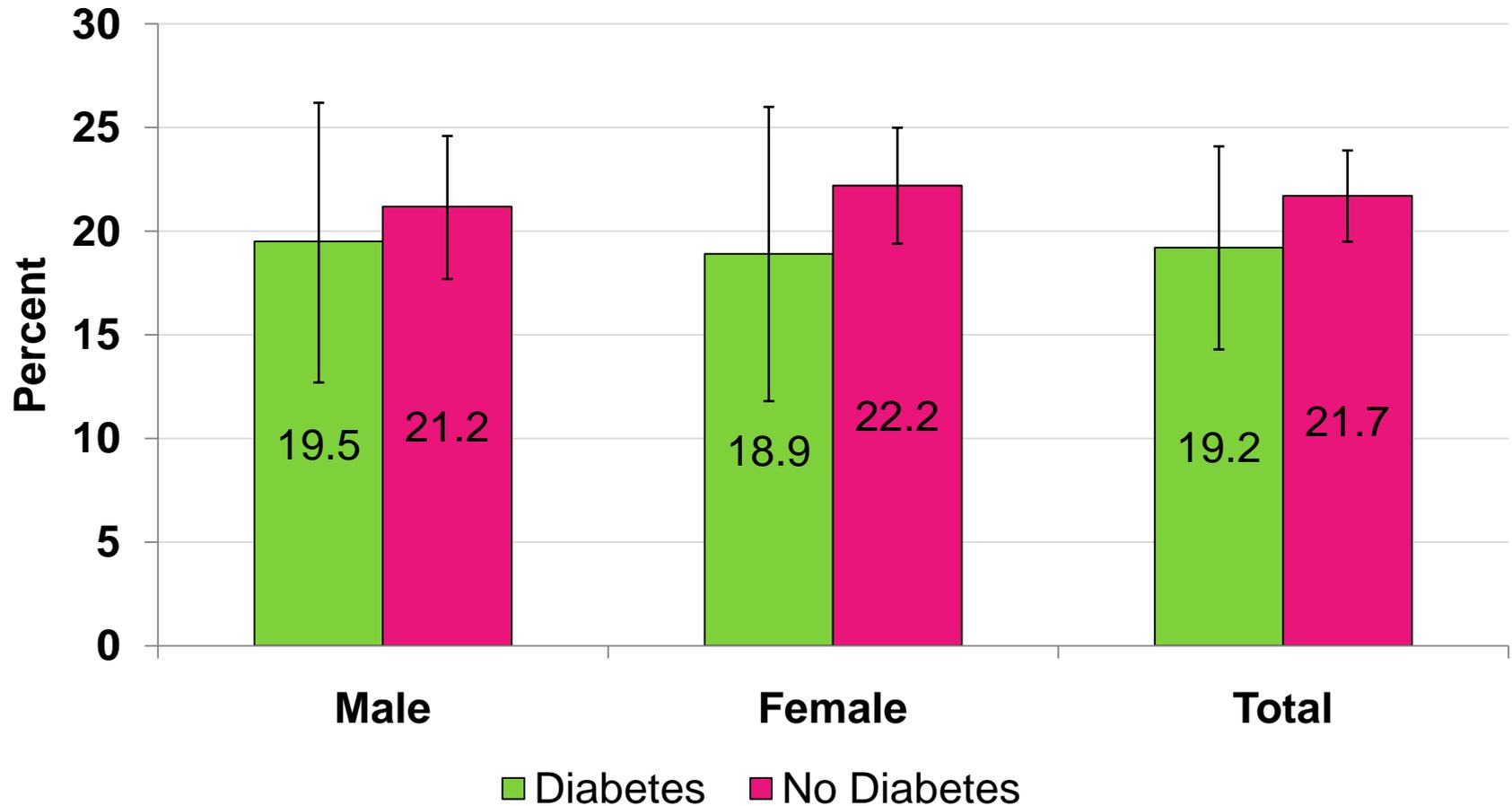
*Question: Have you ever been told by a doctor that you have diabetes?
Source: CDC Behavioral Risk Factor Surveillance System

Diabetes* Prevalence by Smoking Status by Gender, Arkansas 2009



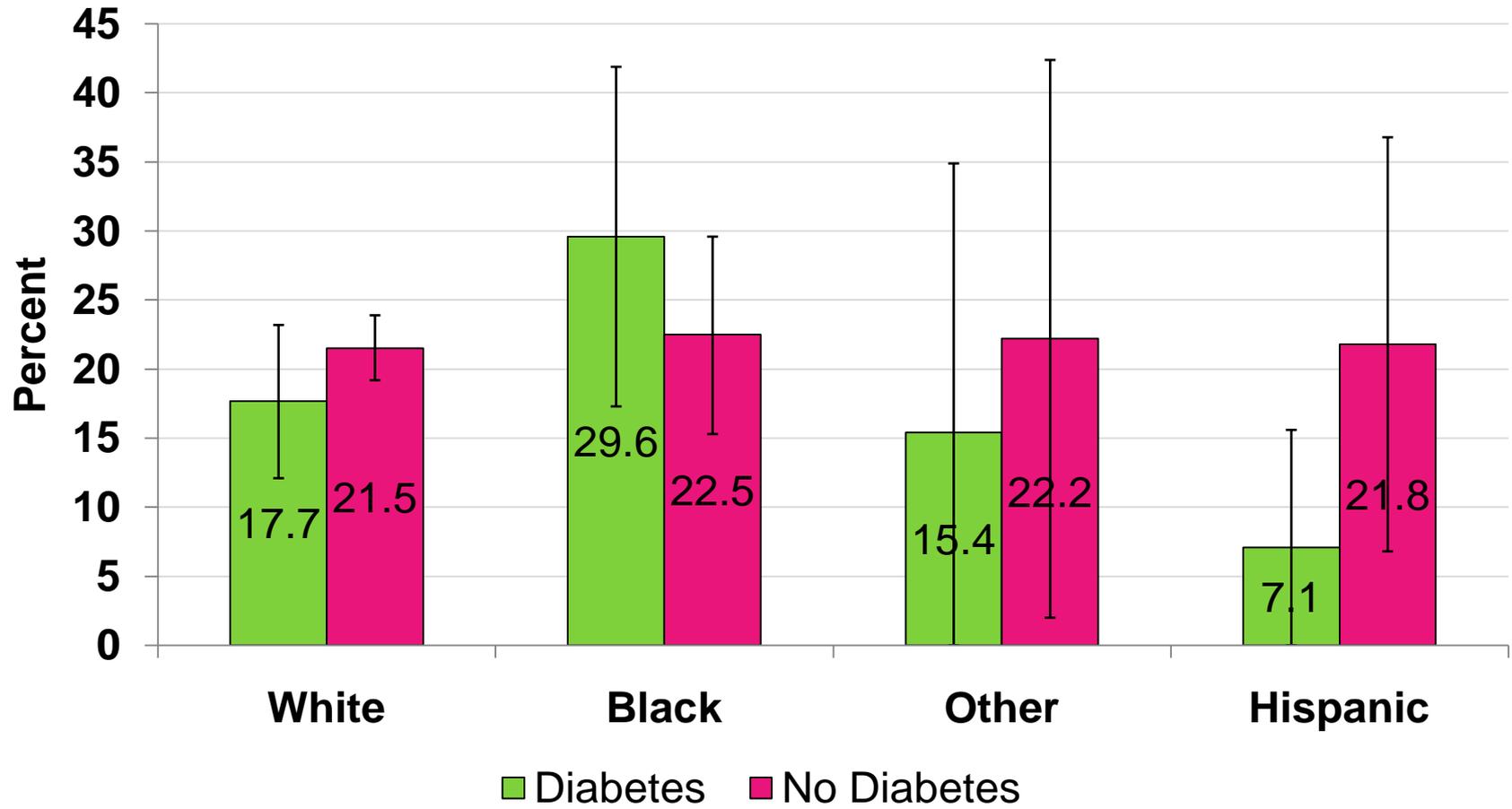
*Question: Have you ever been told by a doctor that you have diabetes?
Source: CDC Behavioral Risk Factor Surveillance System

Current Smoking Prevalence by Diabetes* Status by Gender, Arkansas 2009



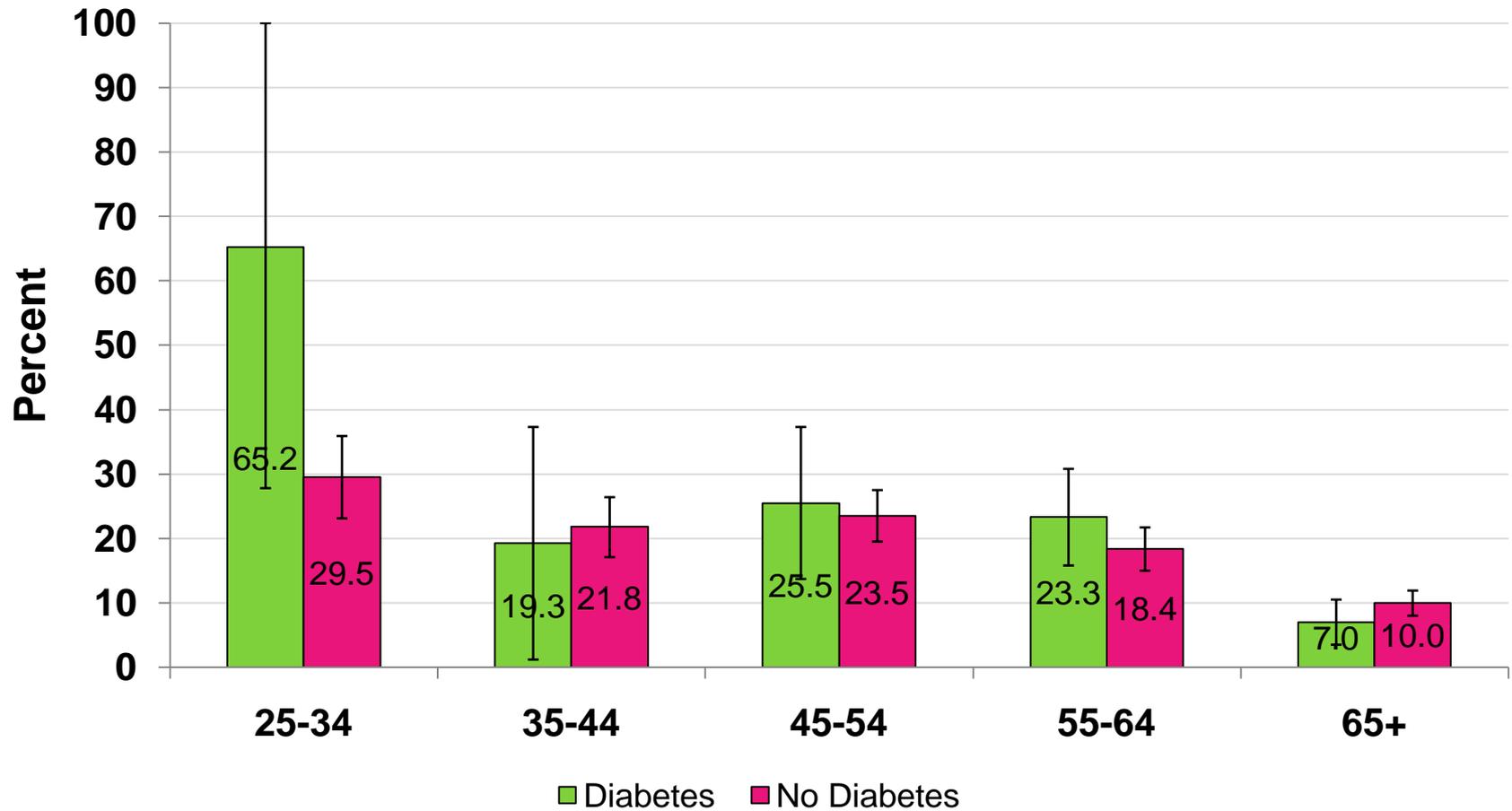
*Question: Have you ever been told by a doctor that you have diabetes?
Source: CDC Behavioral Risk Factor Surveillance System

Current Smoking Prevalence by Diabetes* Status by Race, Arkansas 2009



*Question: Have you ever been told by a doctor that you have diabetes?
Source: CDC Behavioral Risk Factor Surveillance System

Current Smoking Prevalence by Diabetes* Status by Age, Arkansas 2009

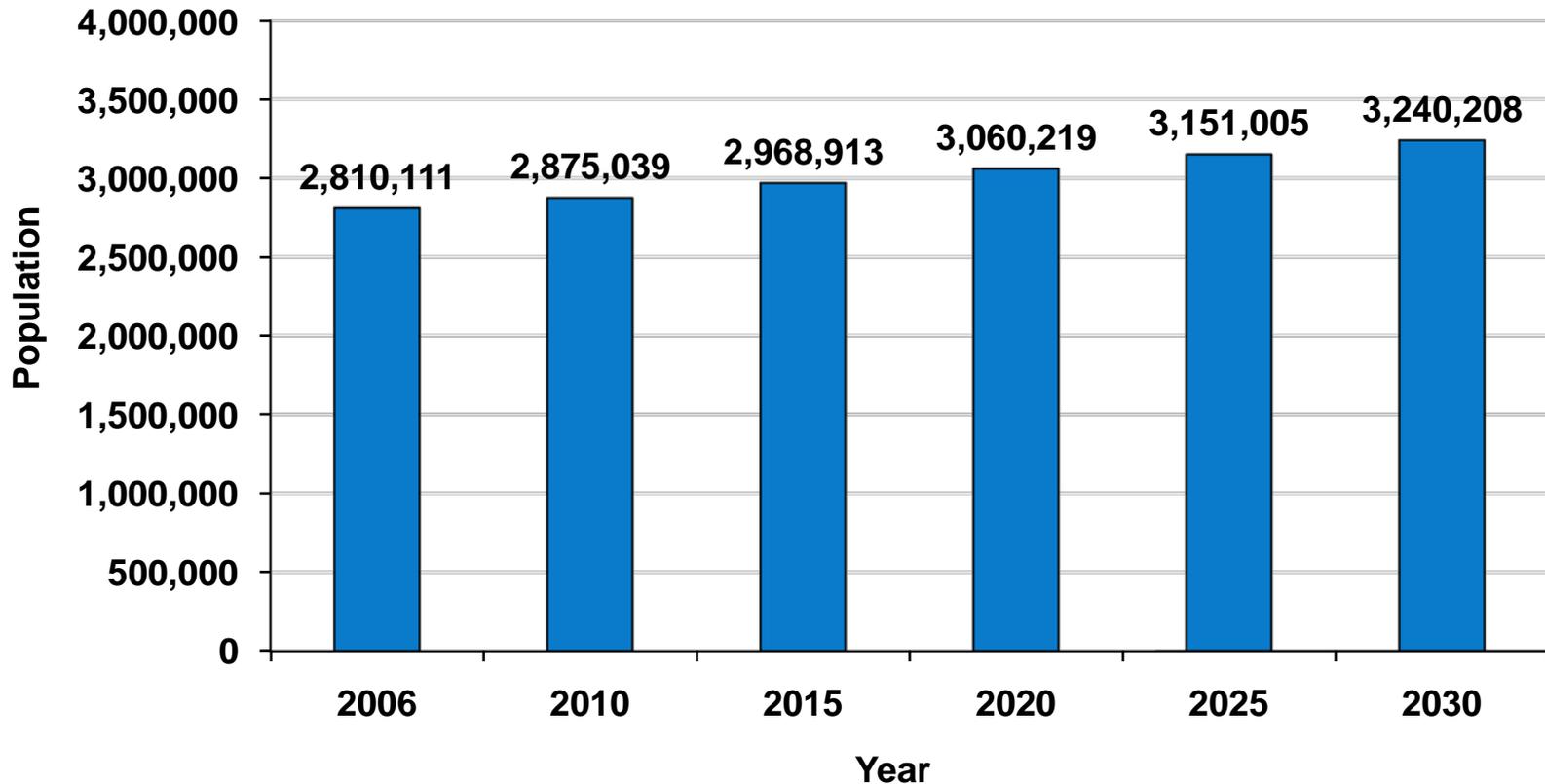


*Question: Have you ever been told by a doctor that you have diabetes?
Source: CDC Behavioral Risk Factor Surveillance System

SECTION VII

Demographics

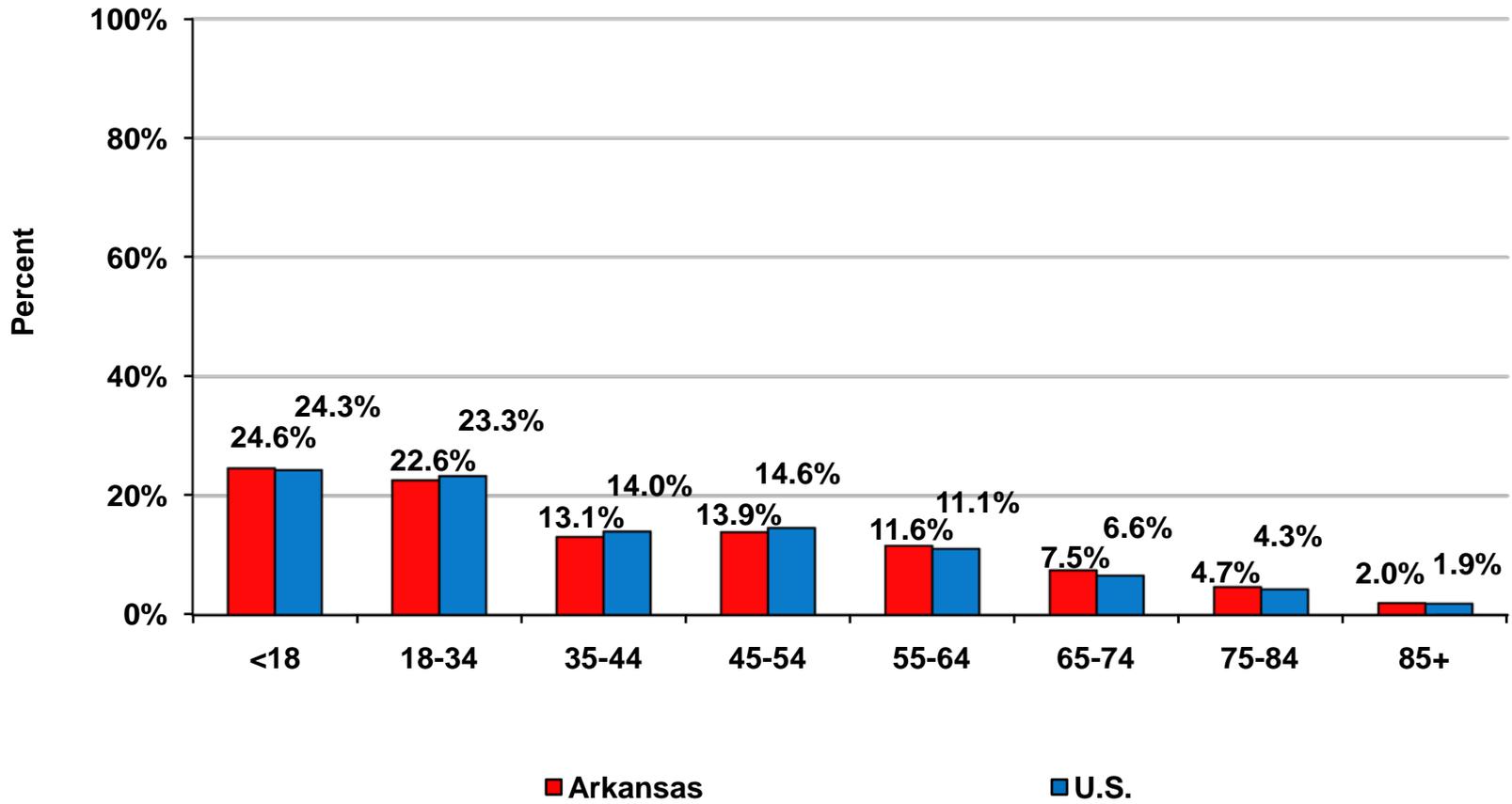
Current Population and Future Projections, Arkansas, 2006-2030



Source: 2006 Population Estimates Program, U.S. Census Bureau, Release Date: May 17, 2007.

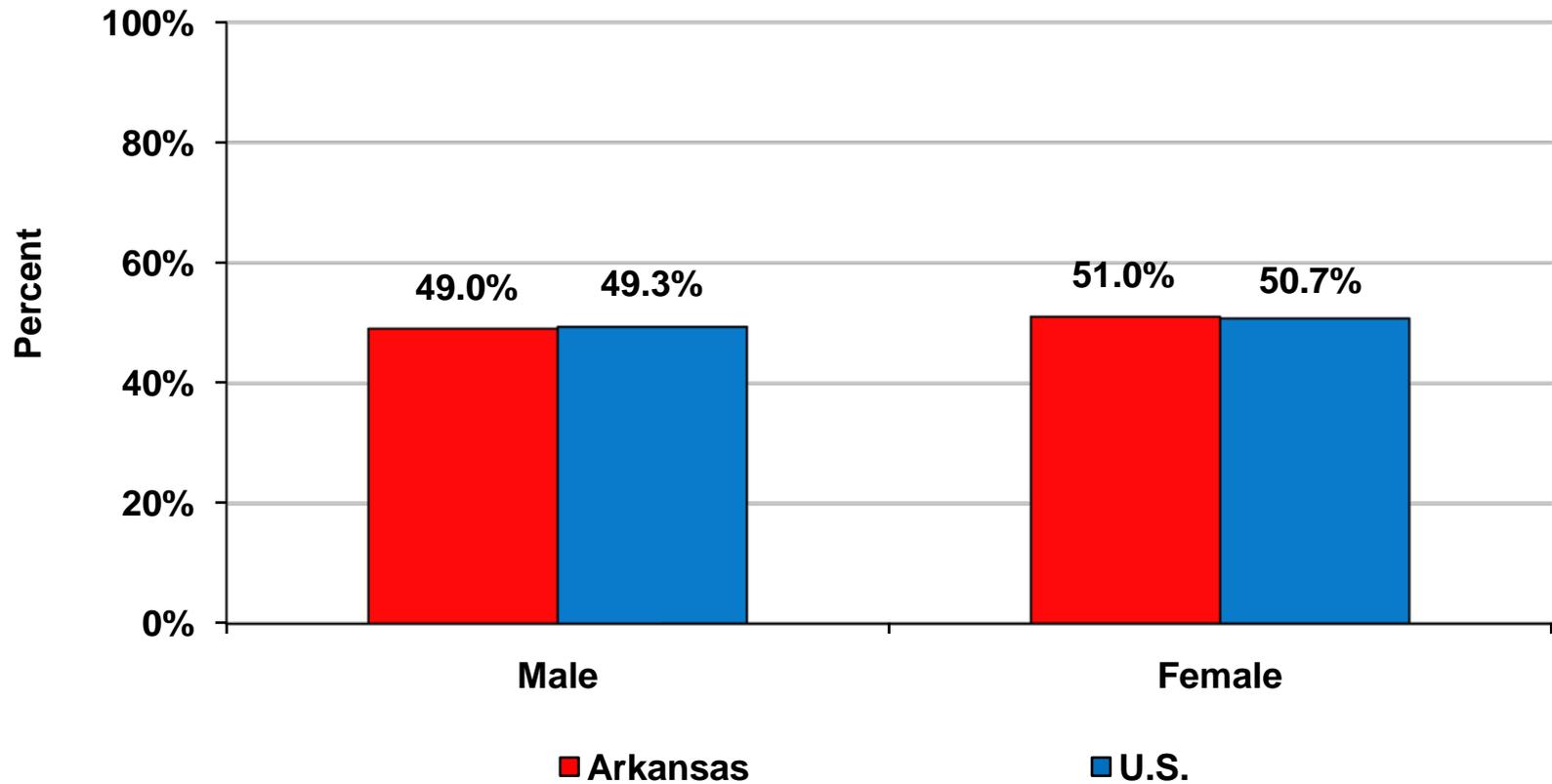
2005 U.S. Census Bureau, Population Division, Interim State Population Projections, 2005. Release Date: April 21, 2005.

Population Estimates by Age Group, Arkansas and U.S., 2008



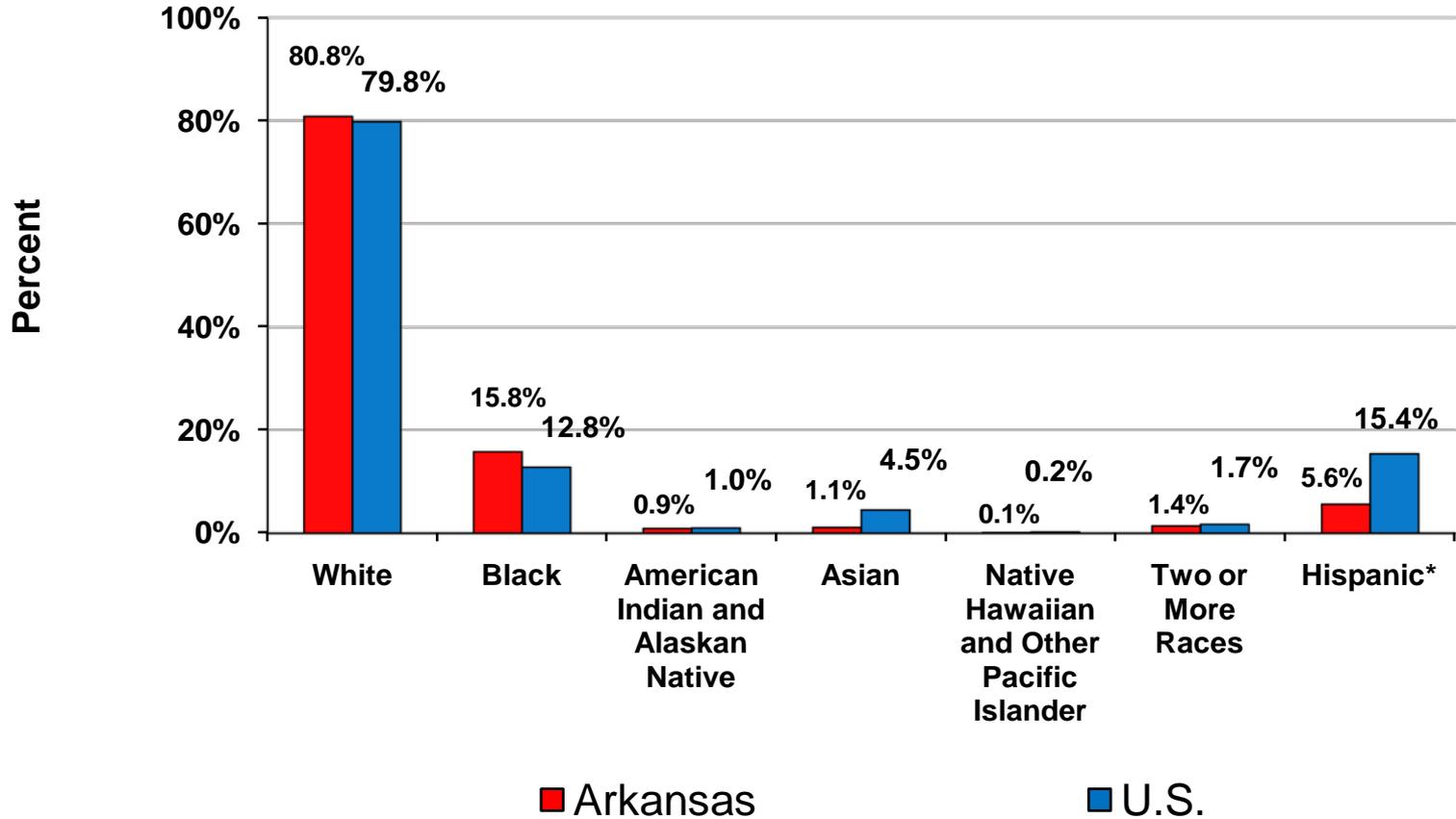
Source: Population Estimates Program, U.S. Census Bureau, Release Date: May 14, 2009.

Population Estimates by Gender, Arkansas and U.S., 2008



Source: Population Estimates Program, U.S. Census Bureau, Release Date: May 14, 2009.

Population Estimates by Race, Arkansas and U.S., 2008

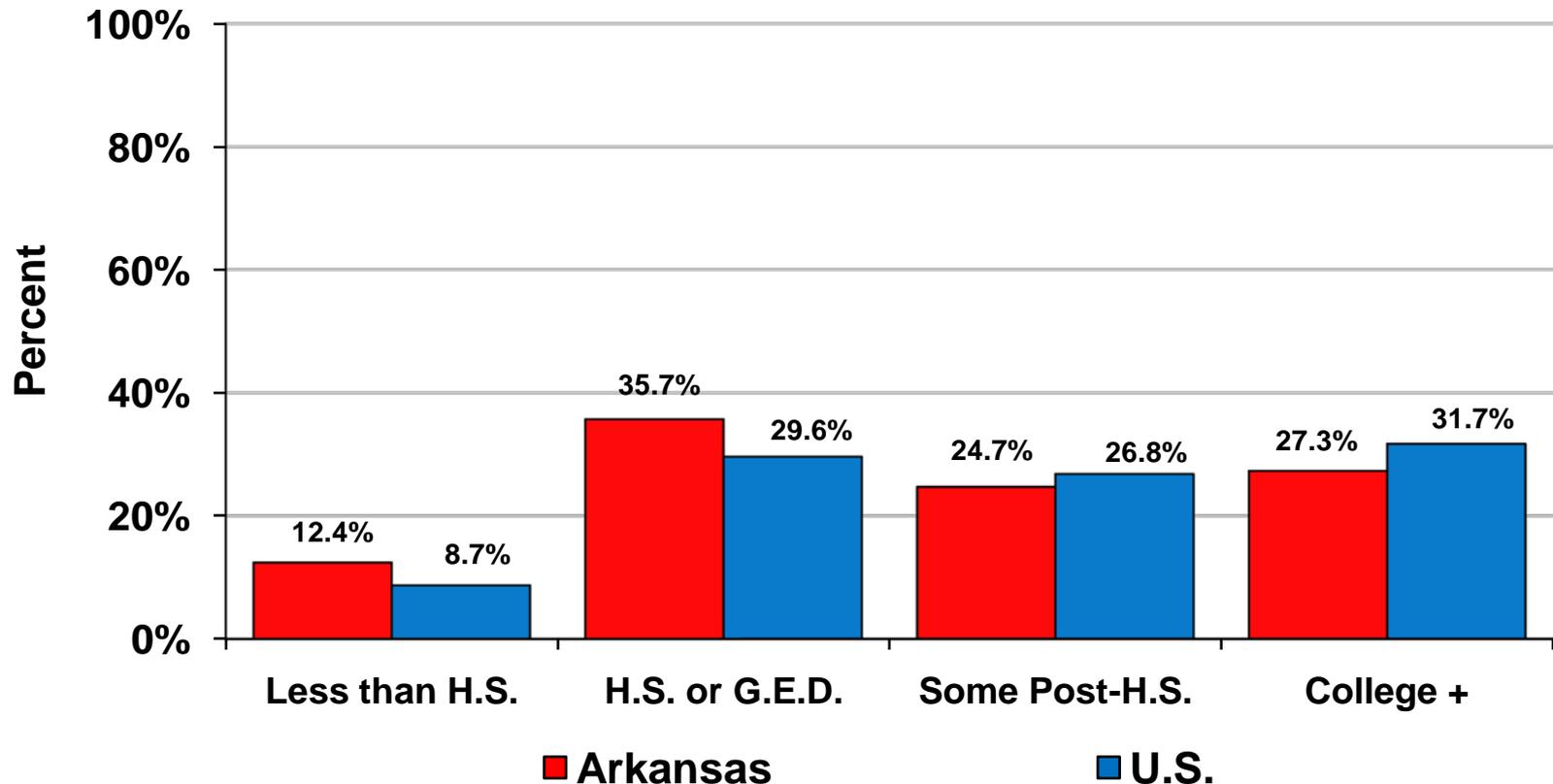


* Hispanic includes all races

Source: Population Estimates Program, U.S. Census Bureau, Release Date: May 14, 2009.

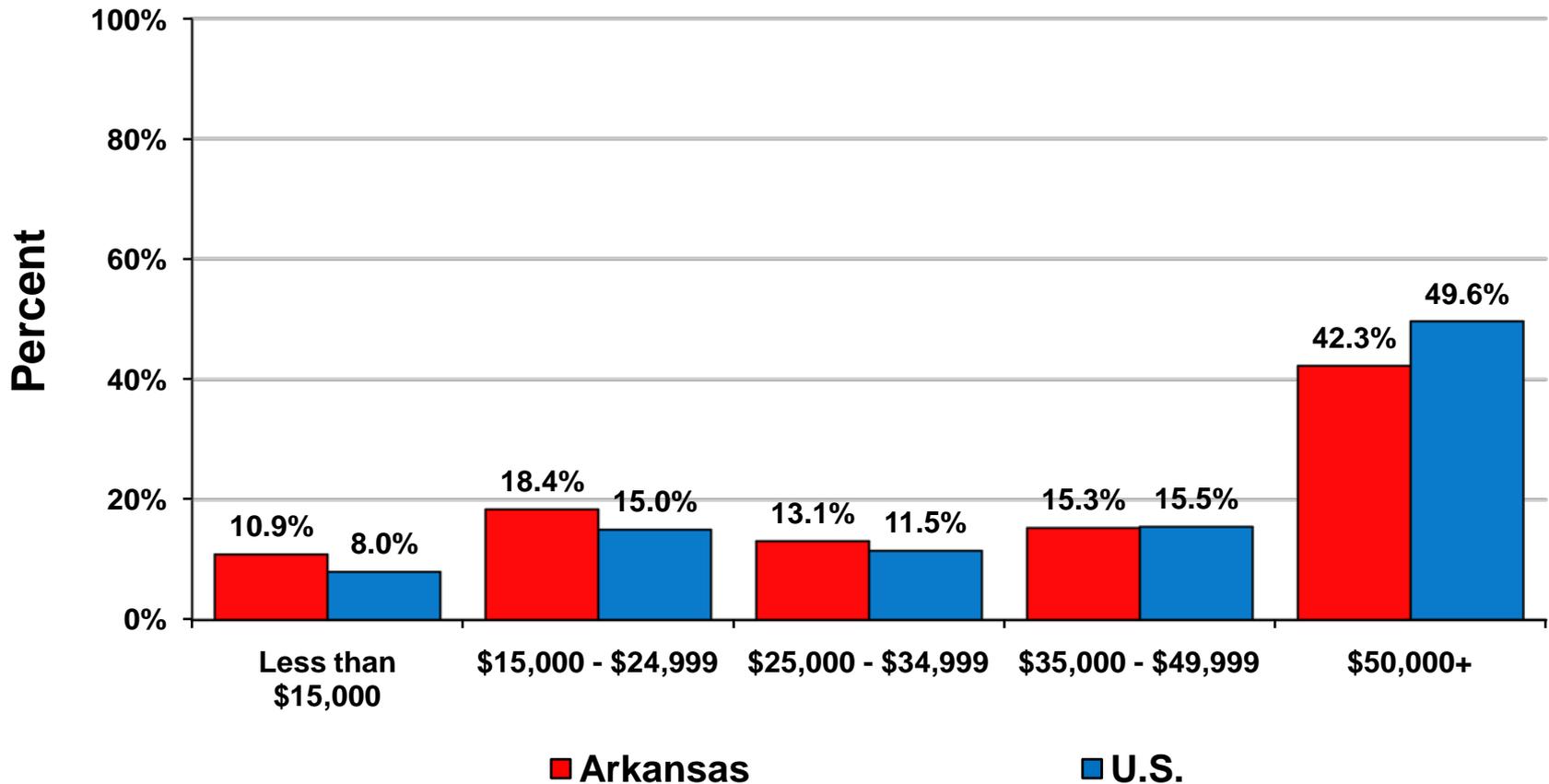


Population Estimates by Education, Arkansas and U.S., 2008



Source: Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention.

Population Estimates by Income, Arkansas and U.S., 2008



Source: Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention.

The end

