

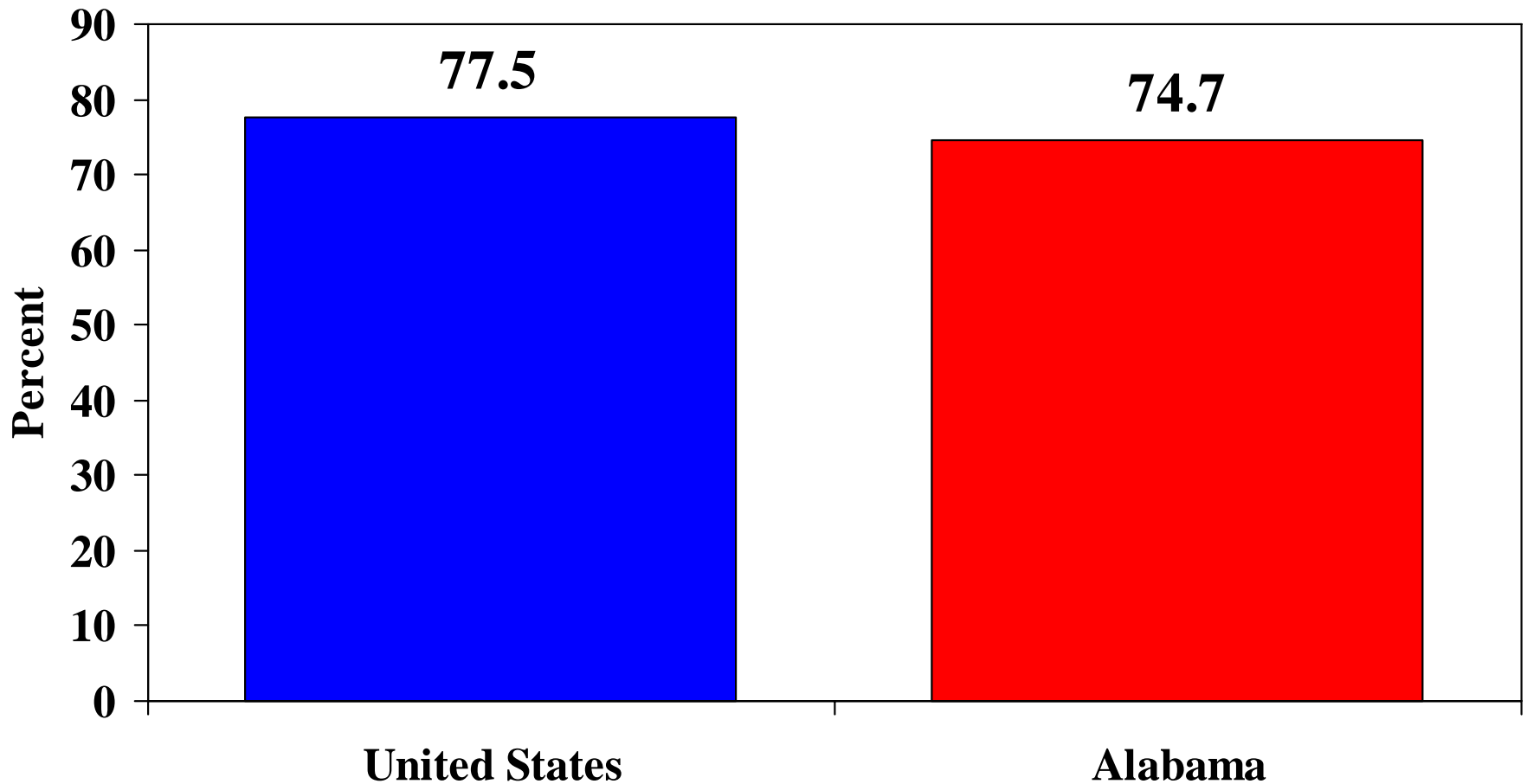
# Health Disparities Through the Lifespan

Gwendolyn Lipscomb, Director  
Office of Minority Health  
Alabama Department of Public Health

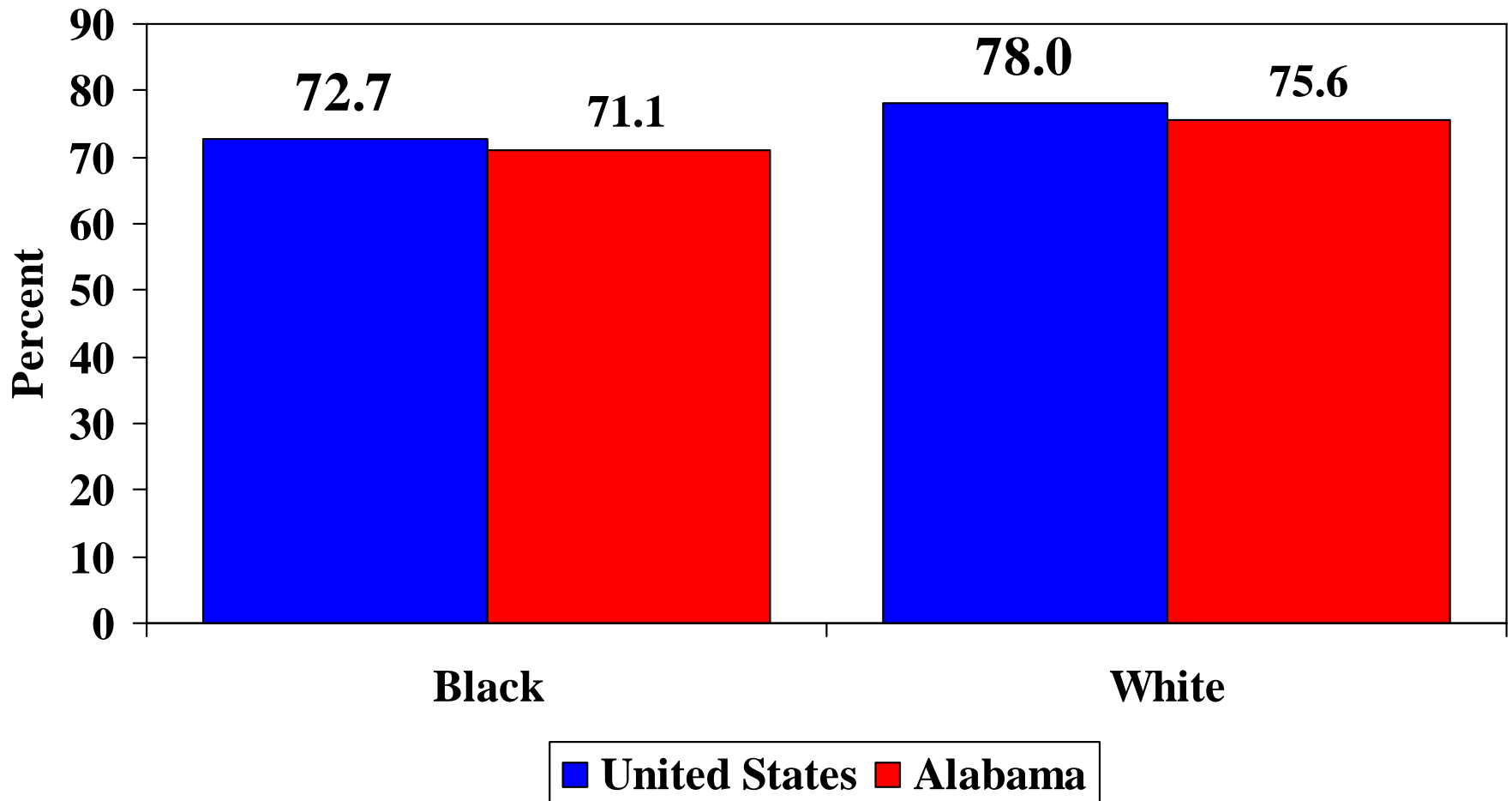
**July 31, 2006**

# Life Expectancy

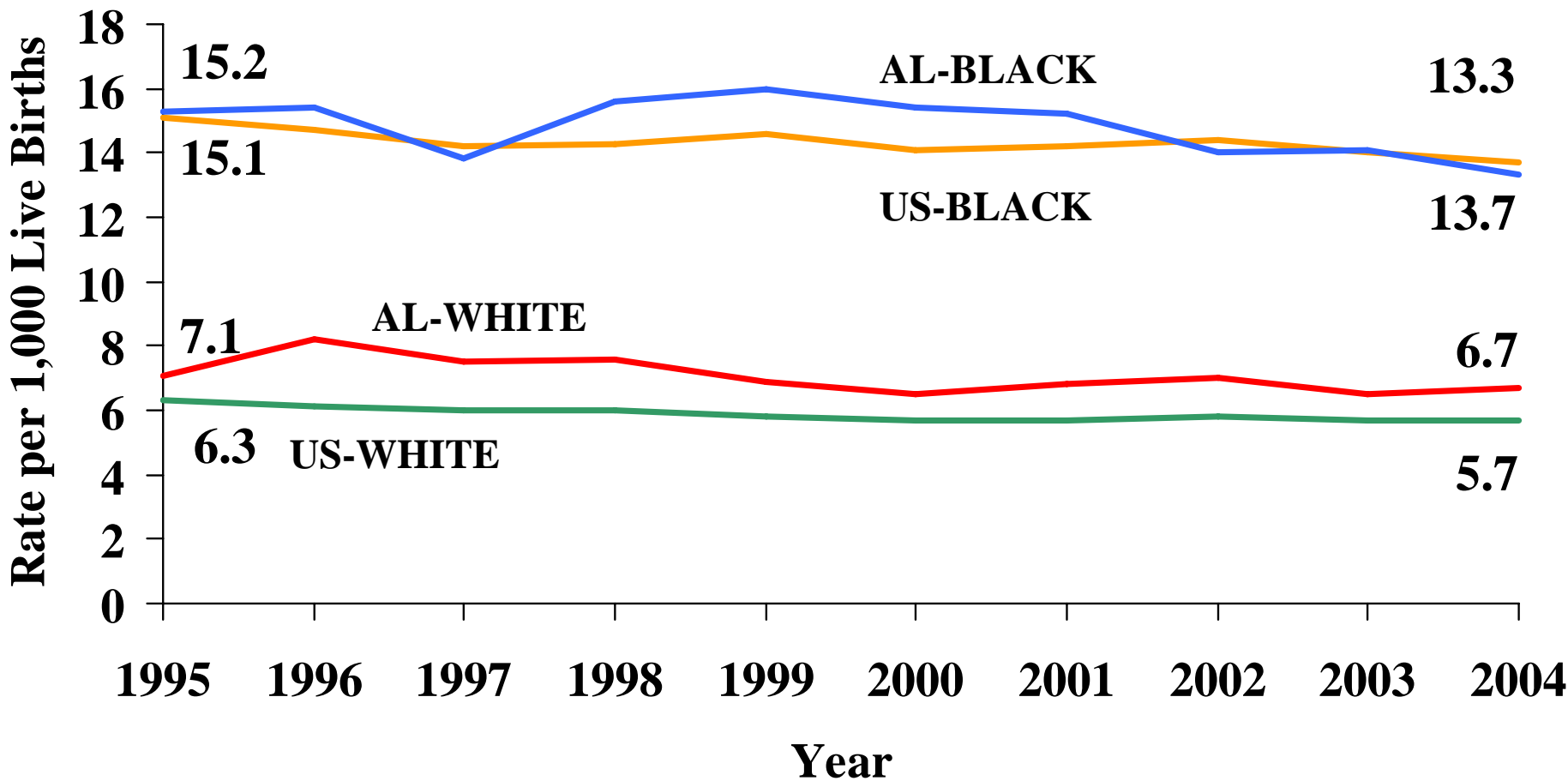
## United States and Alabama, 2003



# Life Expectancy United States And Alabama By Race, 2003

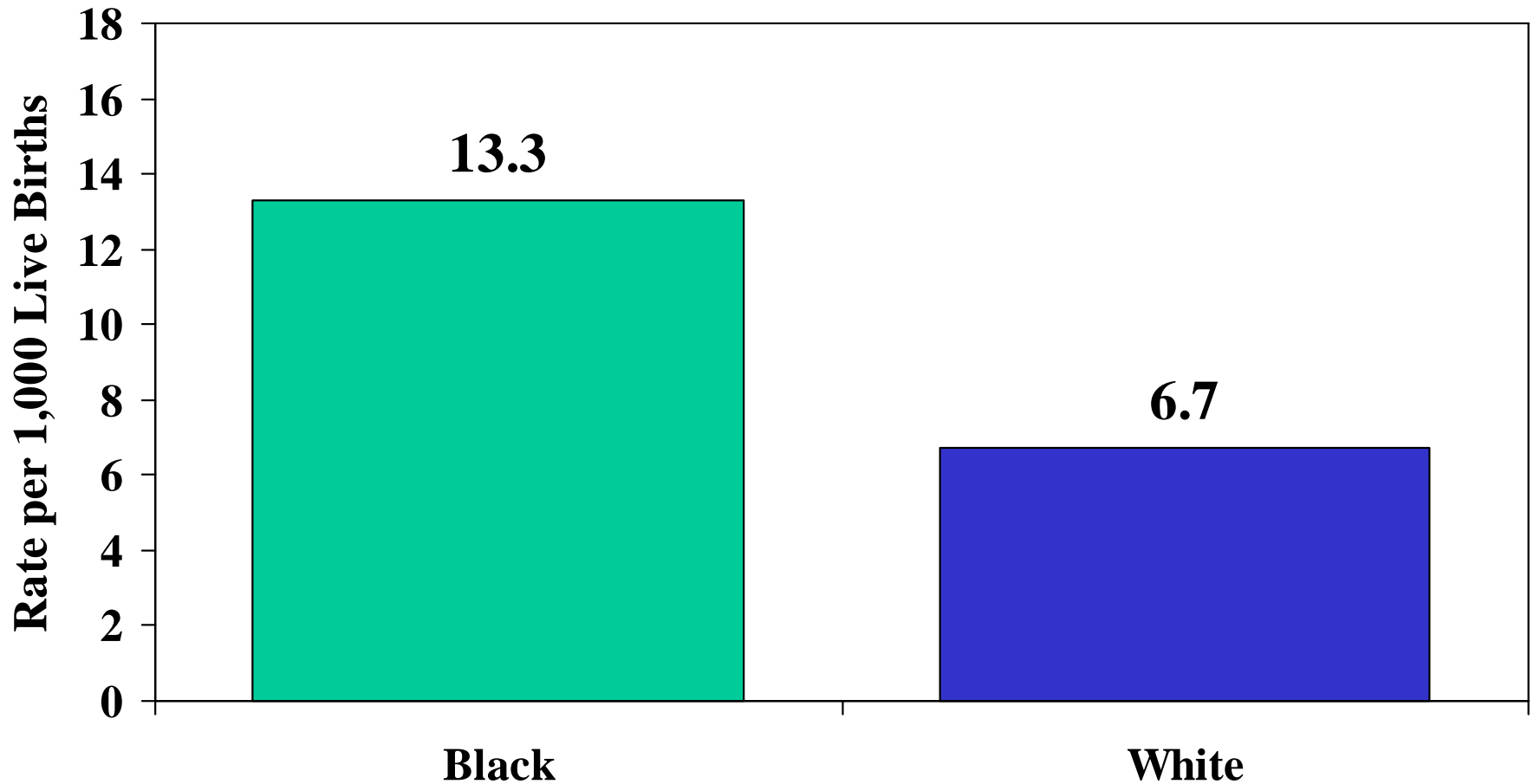


# INFANT MORTALITY RATES ALABAMA AND UNITED STATES<sup>1</sup> BY RACE, 1995-2004

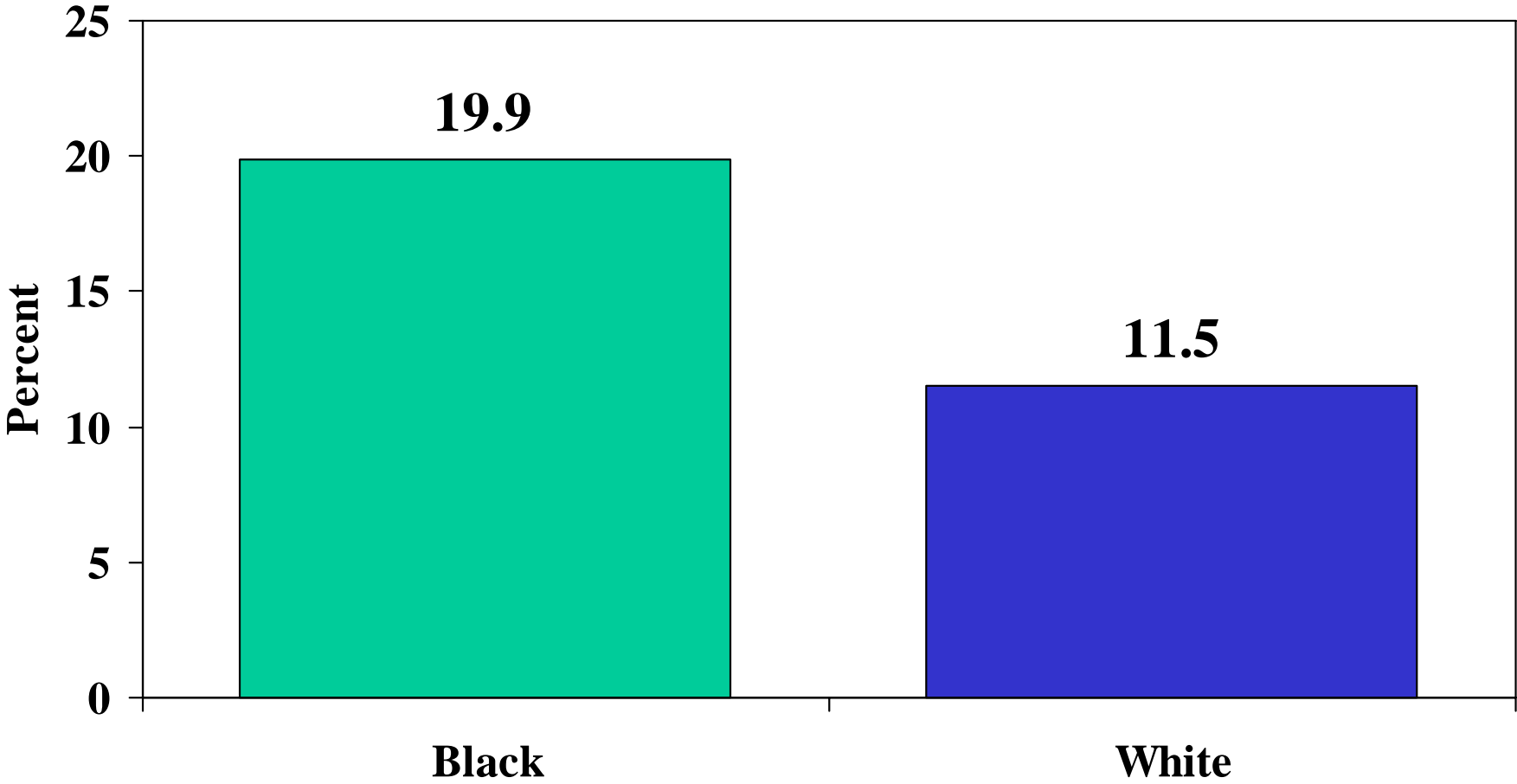


<sup>1</sup> 2004 US rate is preliminary.

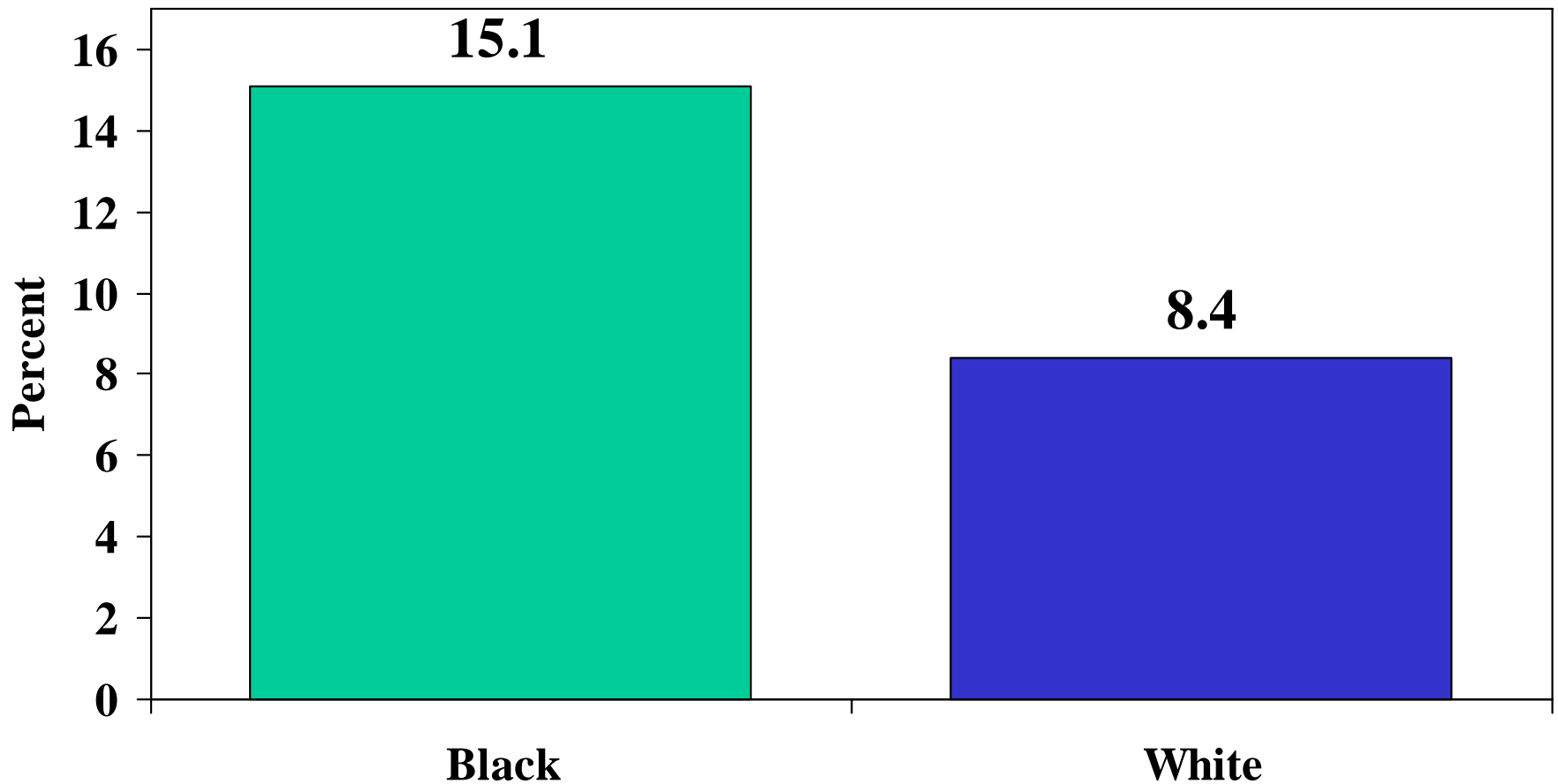
# Infant Mortality Rates By Race, 2004



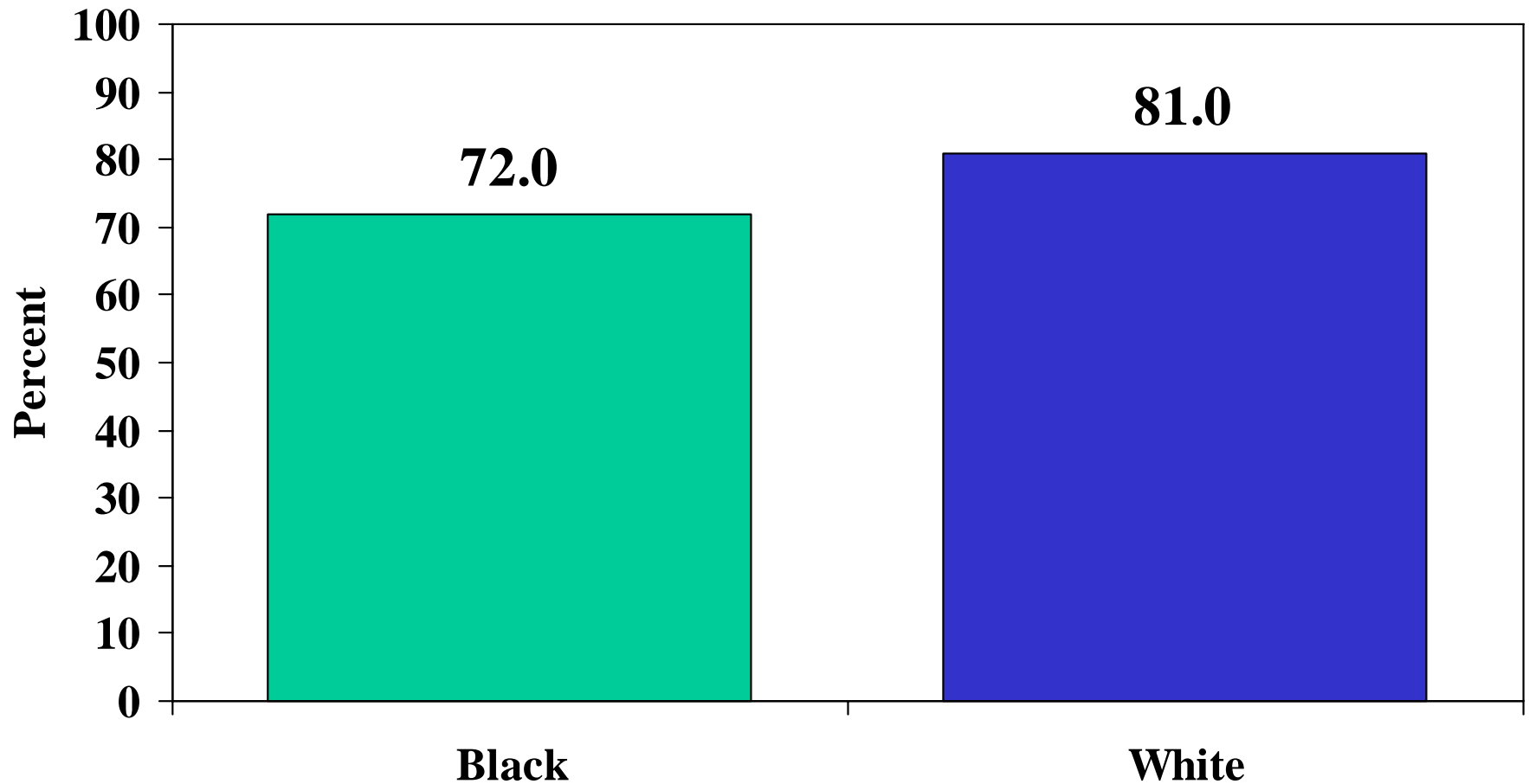
# Percent Of Births To Teenagers By Race, 2004



# Percent Low Birth Weight By Race, 2004

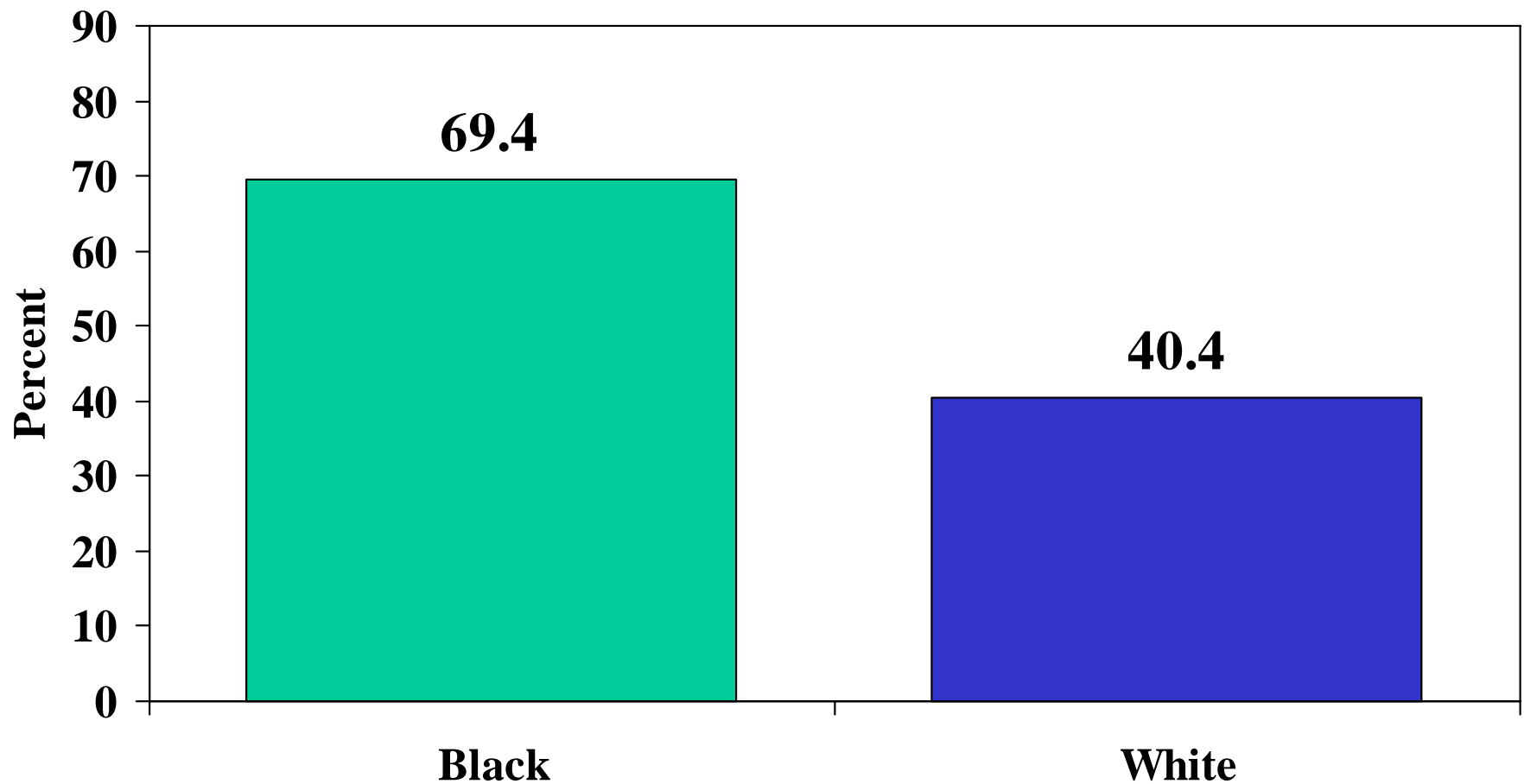


# Percent Of Births With Adequate Prenatal Care By Race, 2004





# Percent Unintended Births By Race, 2003



# Strategies for Reducing Infant Mortality

- WIC
- Plan First
- Teen Pregnancy Prevention Program
- Alabama Unwed Pregnancy Prevention Program
- Back to sleep program
- Folic Acid Campaign

# Strategies for Reducing Infant Mortality

- Child Death Review
- Fetal and Infant Mortality Review
- Smoking cessation interventions
- Breastfeeding promotion
- Newborn screening
- Other Services

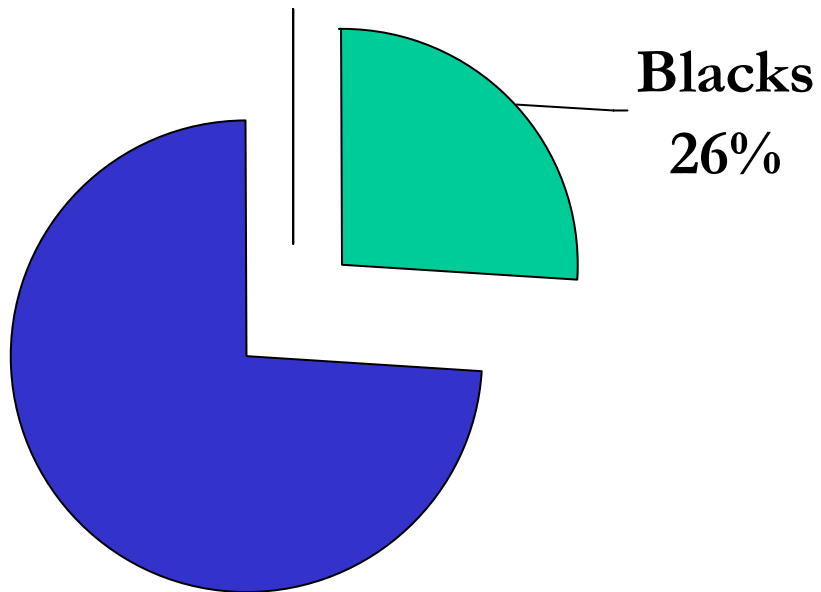


# In Alabama . . .

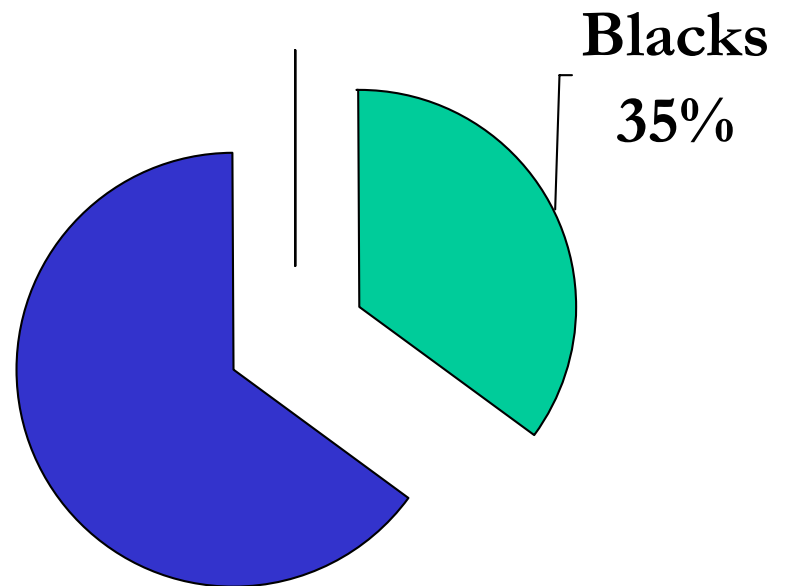
- Based on the 2005 census and BRFSS data, more than 333,500 people in Alabama are aware they have diabetes.
- In addition, as many as 200,000 more may have diabetes and not know that they have it.

# Diabetes in Alabama

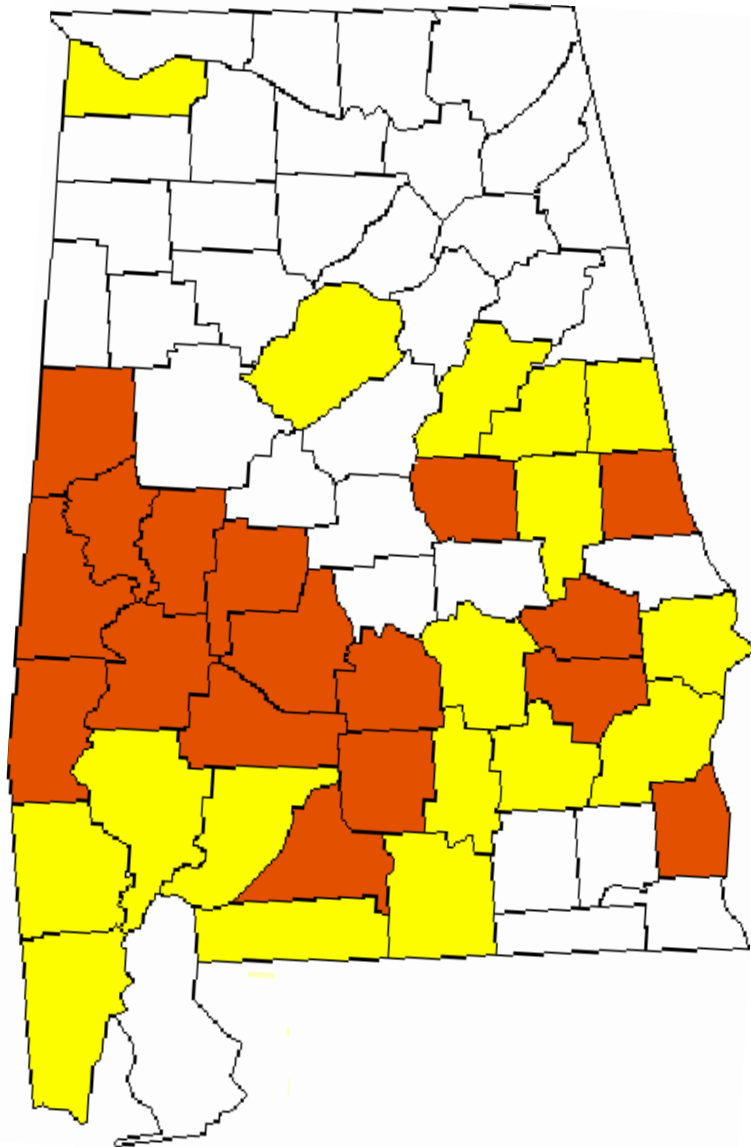
Population of Alabama



Alabamians living with Diabetes

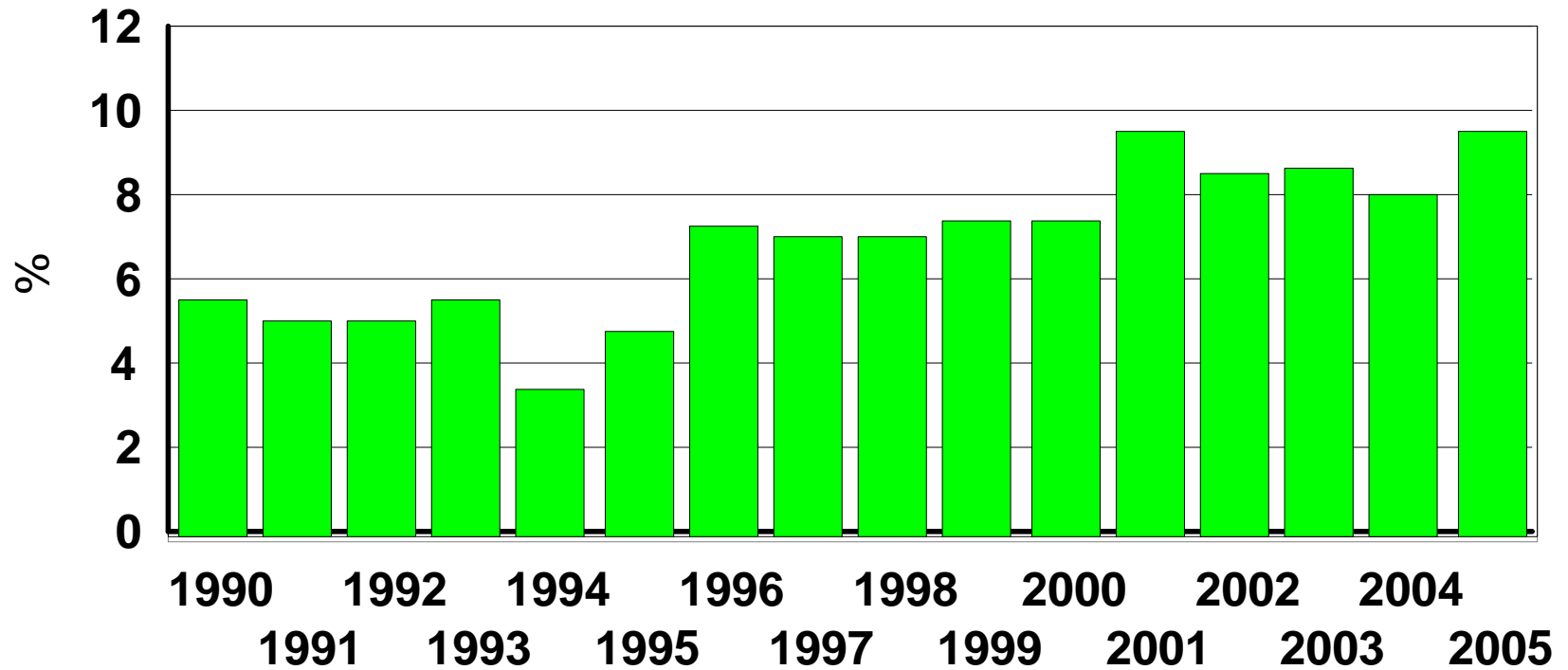


# Premature Diabetes Deaths by Race in Alabama 1999



- **< 45 Years**
  - **White 4%**
  - **Black 7%**
  
- **< 65 Years**
  - **White 7%**
  - **Black 17%**

# Diabetes Prevalence Alabama Adults 1995-2005

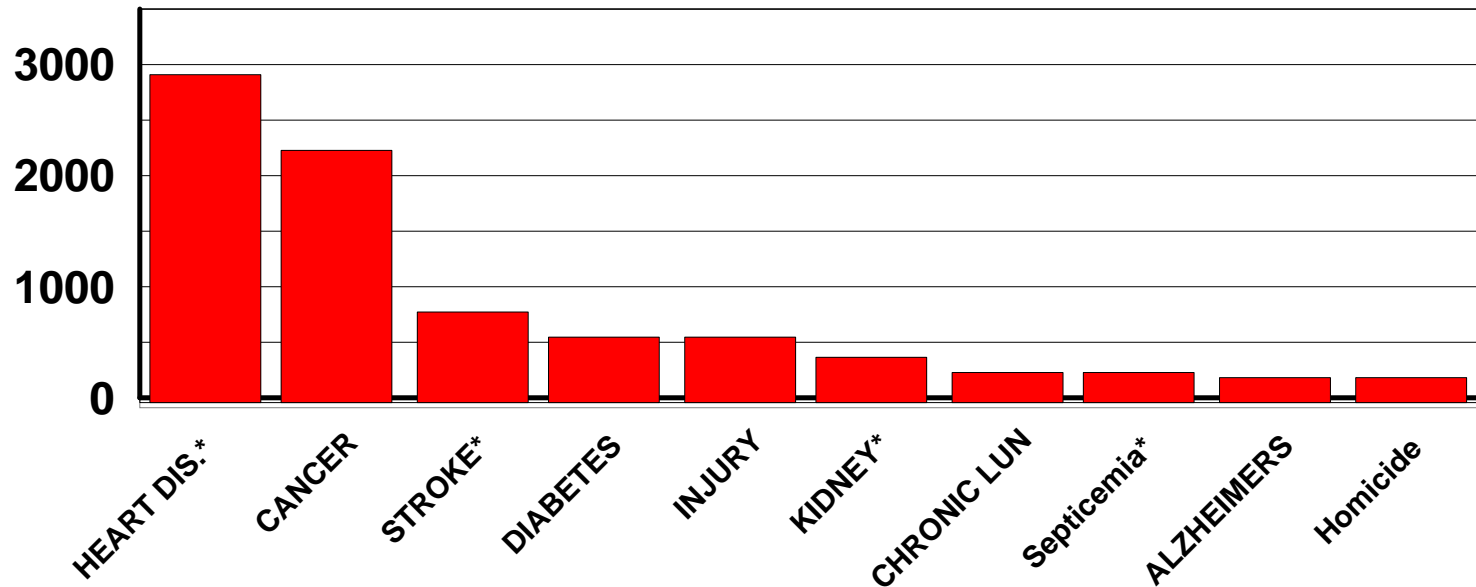


Source: AL BRFSS



# Leading Causes of Deaths in Blacks, In Alabama 2004

## Top 10 Leading Causes of Death Alabama, 2004 Blacks and Other



\*Diabetes related

# Alabama BRFSS Findings

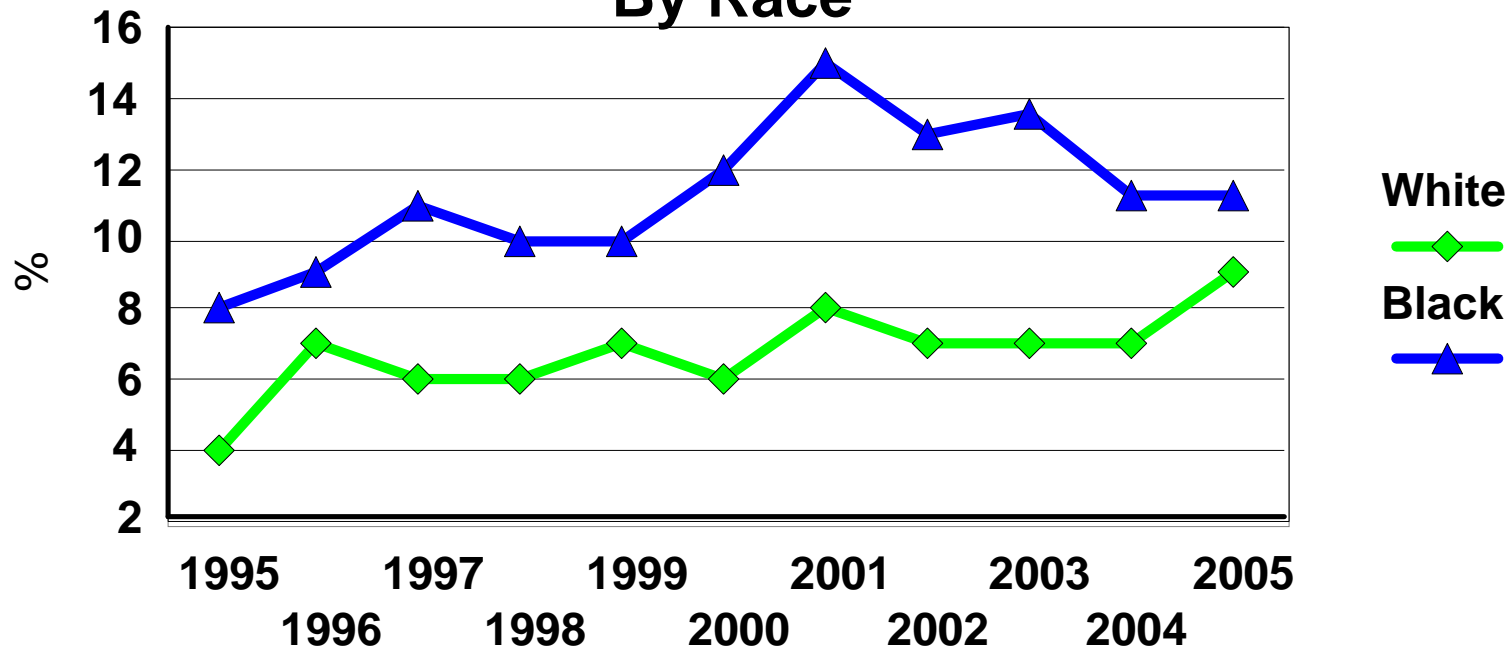
- **In 2005, 9.7% of the Adults Surveyed indicated a doctor had told them they had diabetes**
  - 10.2% of the Males had diabetes
  - 9.3% of the Females had diabetes
- **Diabetes prevalence was 1.3 times greater in blacks than whites.**
  - 11.3% of blacks had diabetes
  - 9.1% of whites had diabetes

# Diabetes Awareness in Alabama by Race 1995 – 2004

(Having been told by a health care professional)

## Diabetes Awareness Alabama 1995-2005

### By Race



BRFSS 2005

# Racial Disparities:

## Complications of Diabetes

- Heart Disease
- Stroke
- High Blood Pressure
- Kidney Disease
- Amputations
- Blindness

# Risk Factors for Diabetes

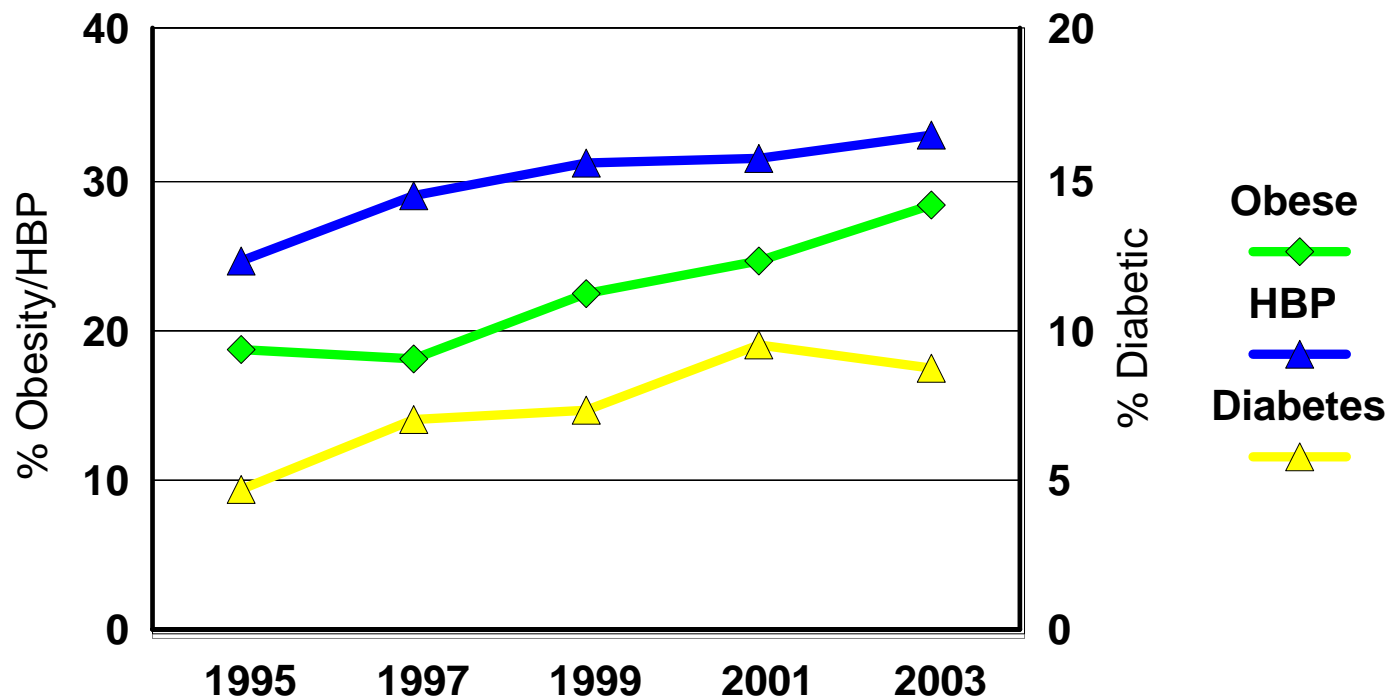
- Age 40 years or older
- African American, Hispanic, Native American, or Asian
- Having one or more parents with diabetes
- Having had gestational diabetes
- Hypertension
- Overweight

# Strategies to Prevent or Delay Diabetes

- Achieve and maintain a healthy weight
- Be more physically active
- Maintain a healthy blood pressure
- Eat a healthy diet
- Have cholesterol checked and keep it low
- Stop Smoking

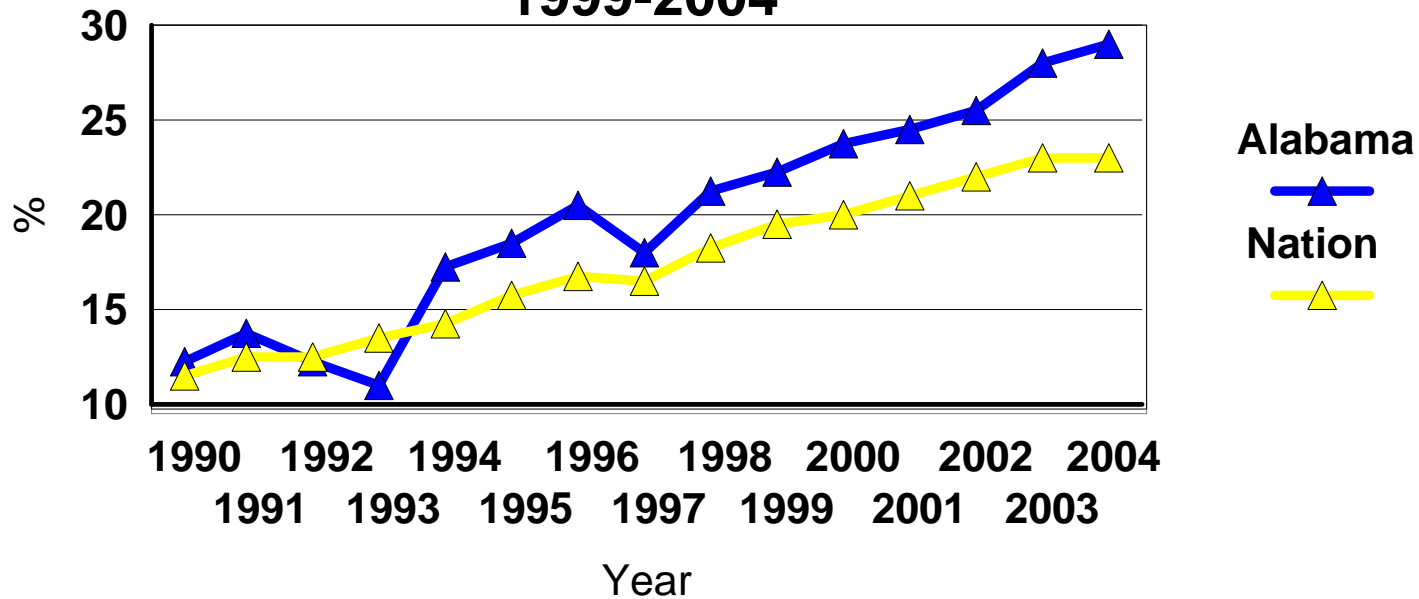


# Obesity, Hypertension and Diabetes Alabama 1995-2003





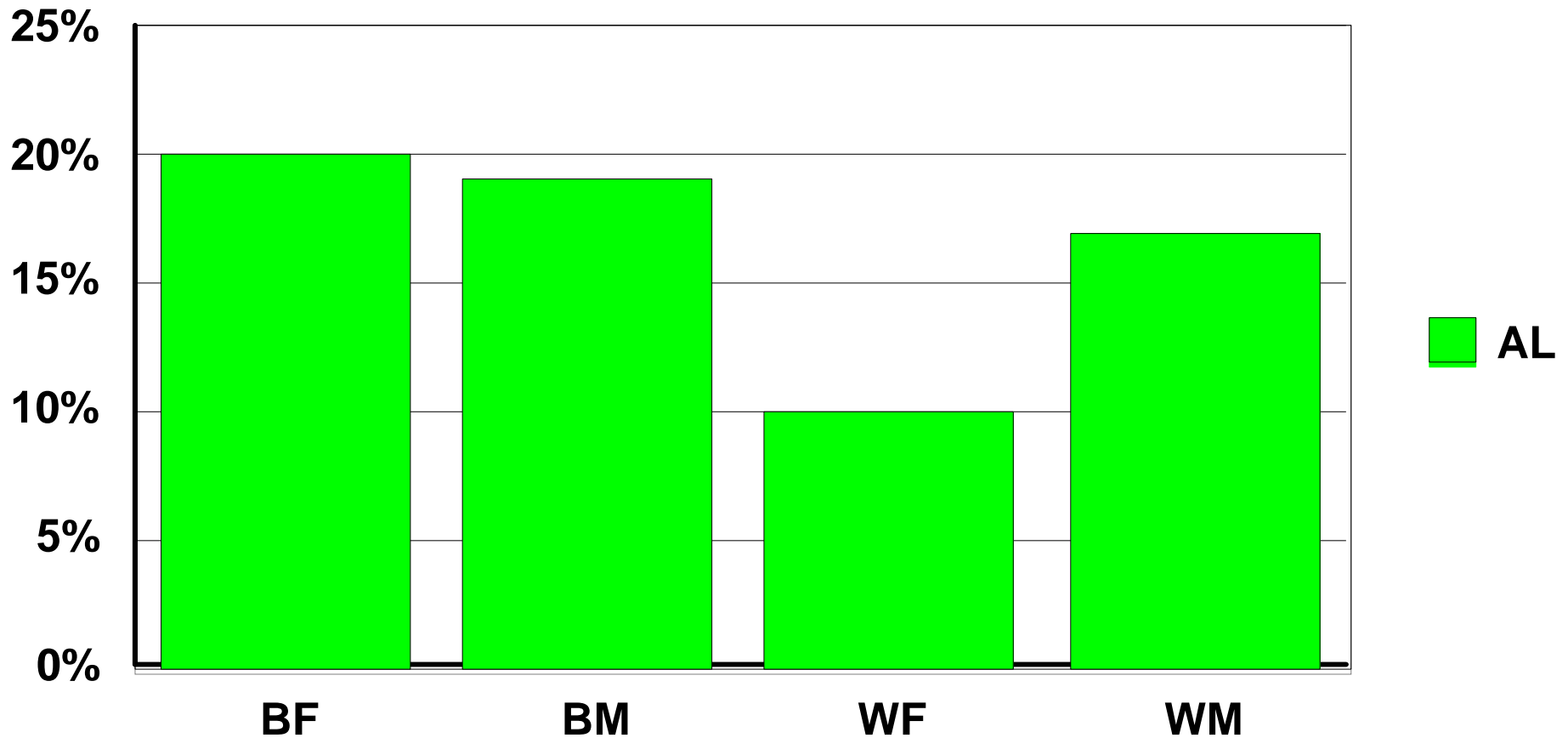
# Obesity Rates Alabama and the Nation 1999-2004



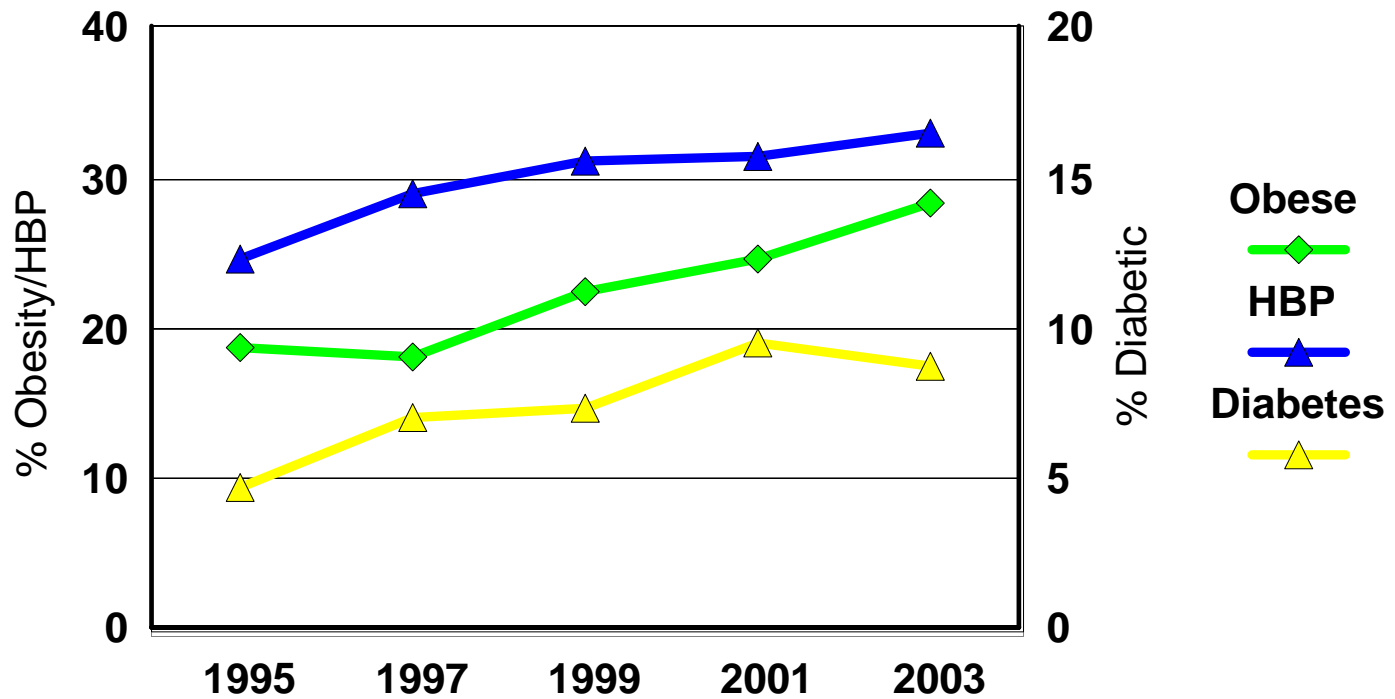
Source: BRFSS

# Overweight by Race and Sex

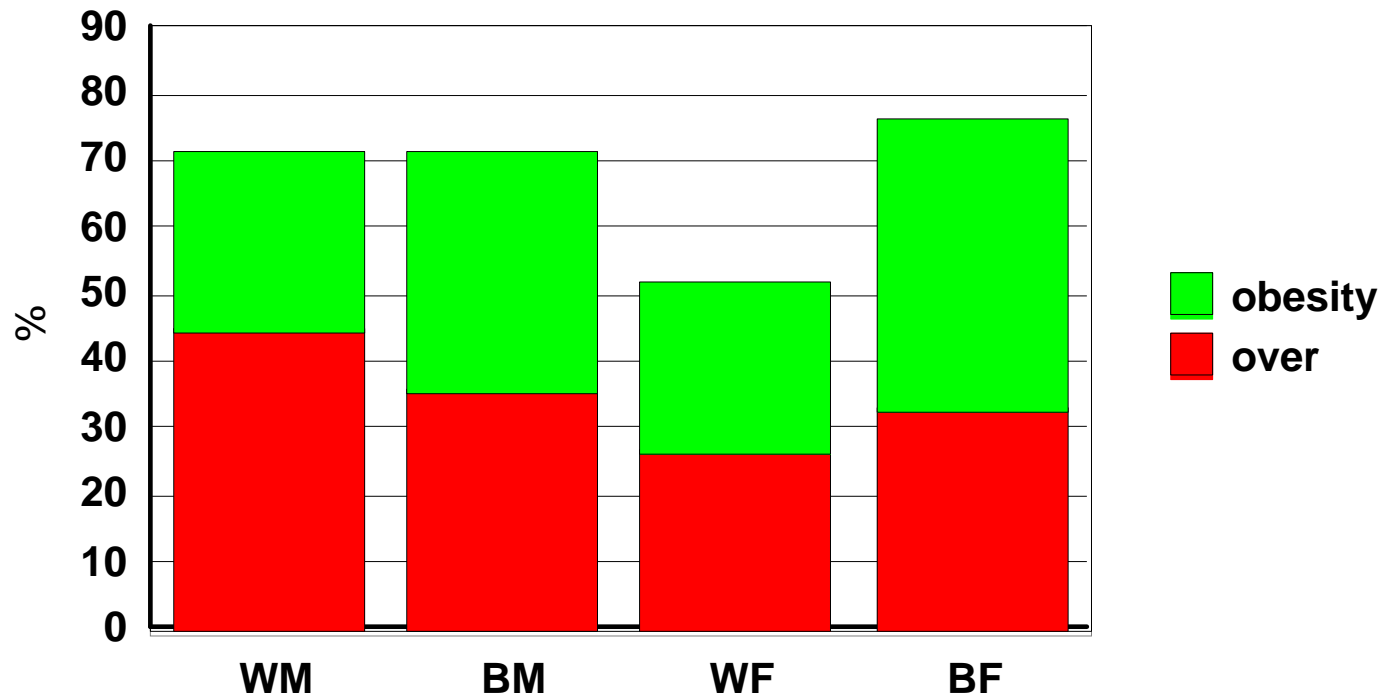
## BMI 95th + Percentile



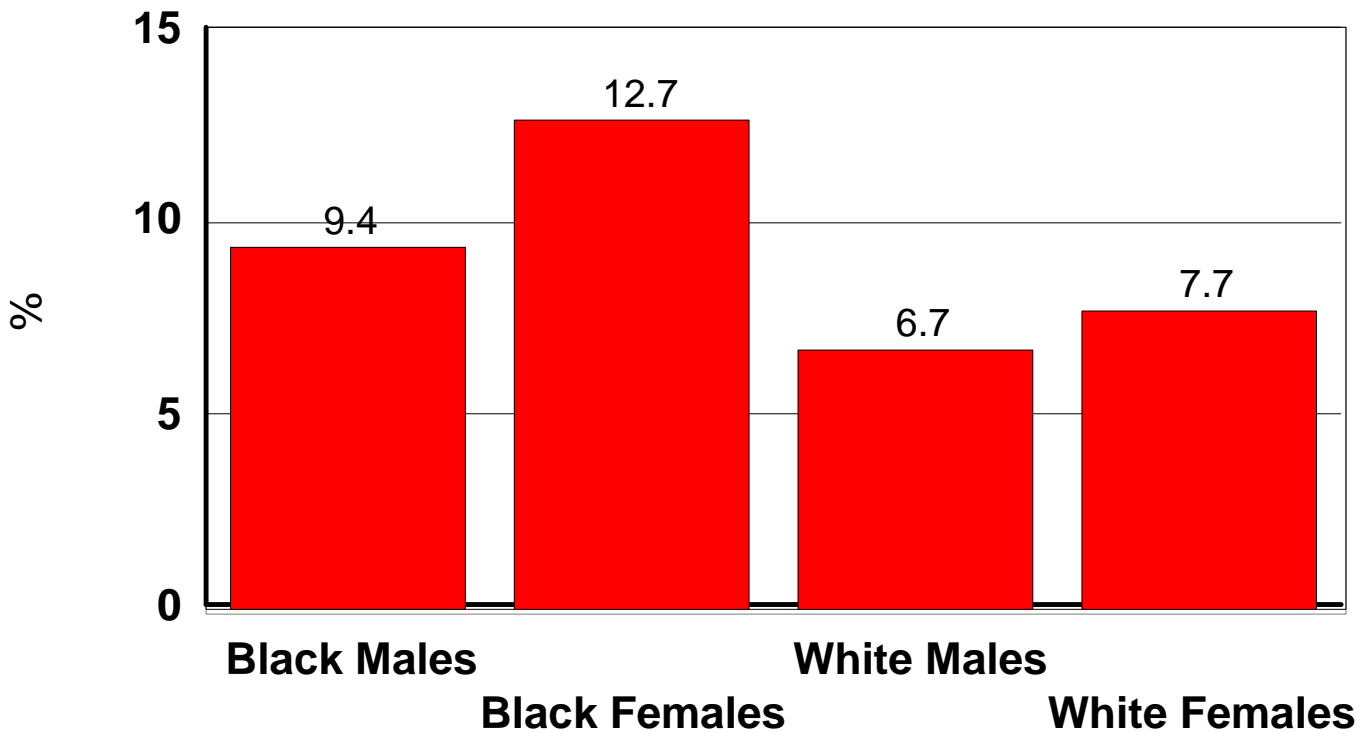
# Obesity, Hypertension and Diabetes Alabama 1995-2003



## Overweight/Obese by Race and Sex Alabama 2004

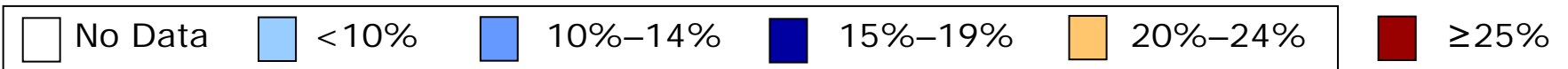
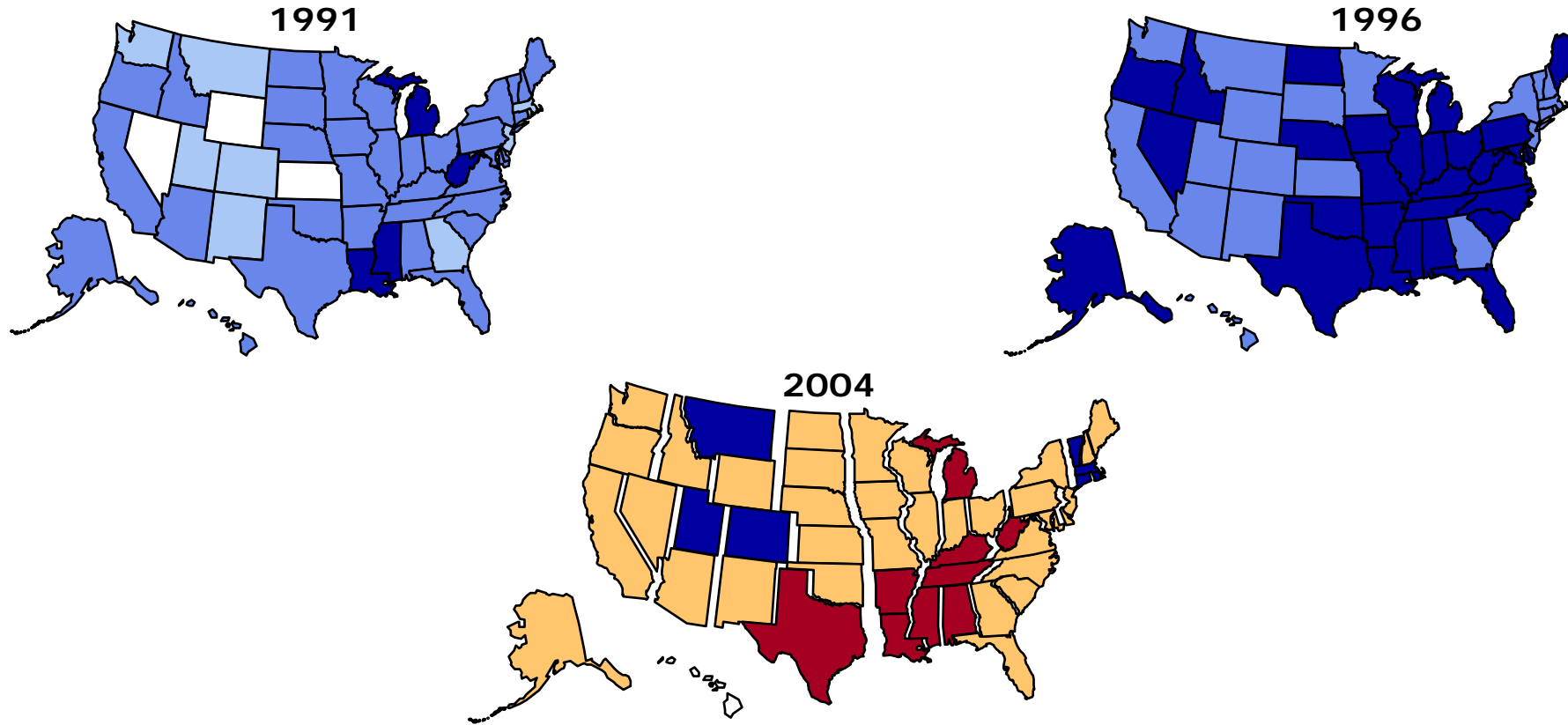


# Diabetes Alabama 2004



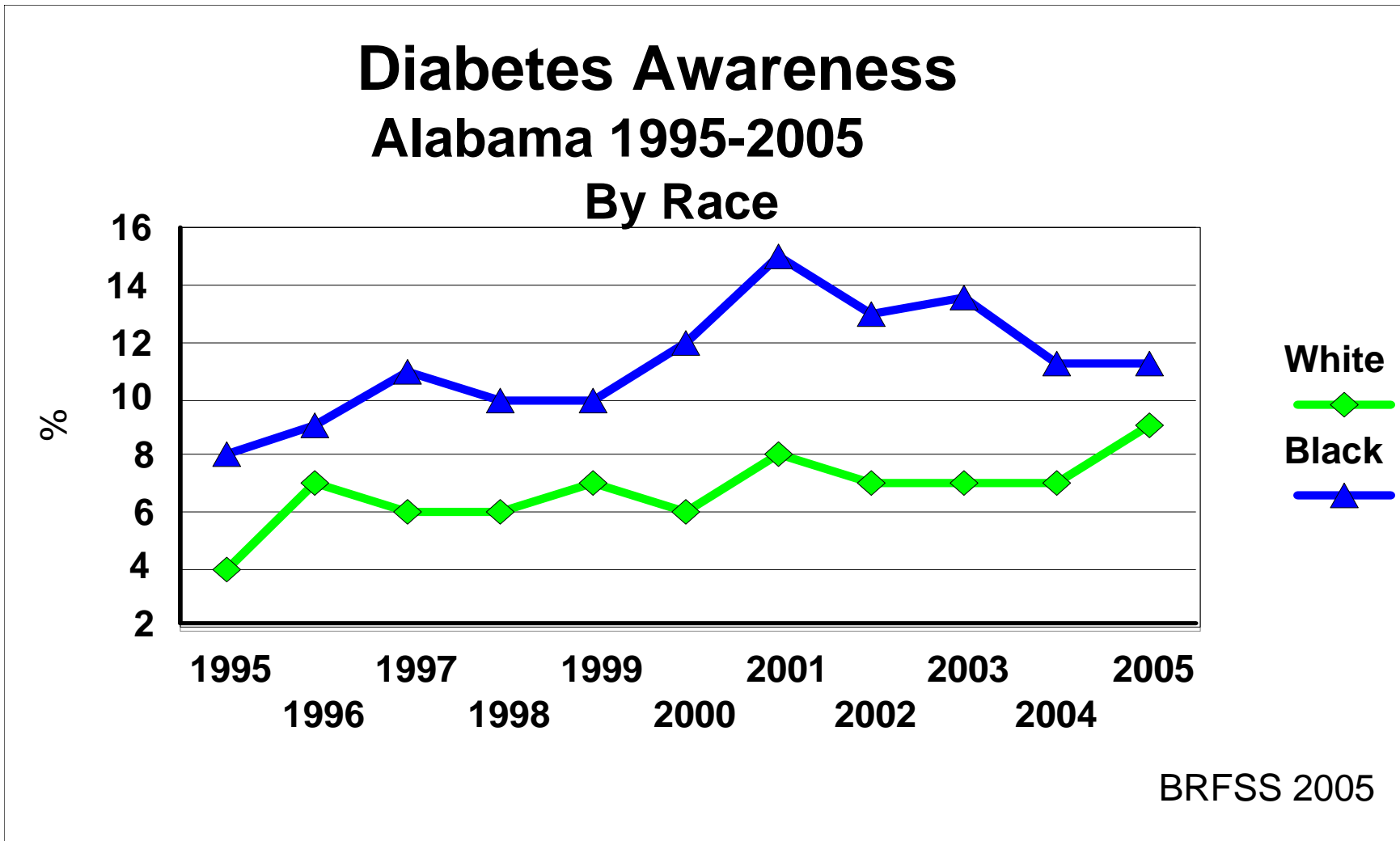
# Obesity Trends\* Among U.S. Adults

## BRFSS, 1991, 1996, 2004

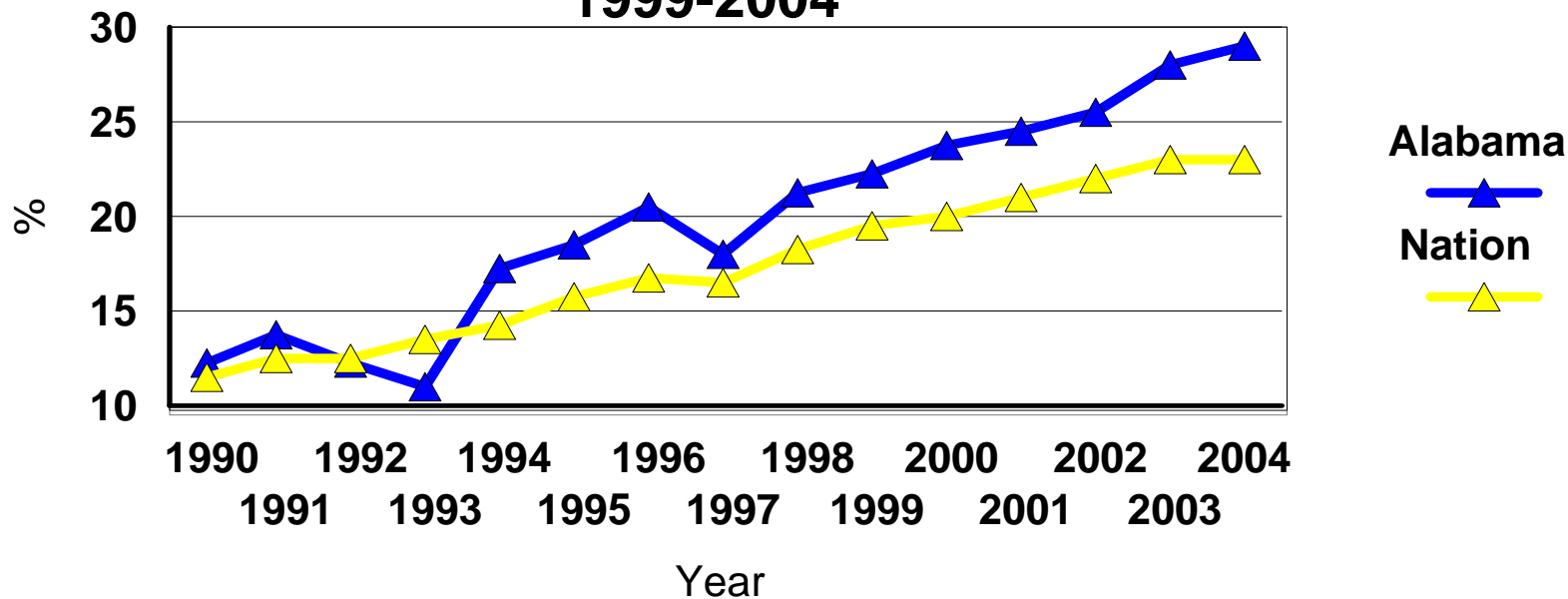


# Diabetes Awareness in Alabama by Race 1995 – 2004

(Having been told by a health care professional)



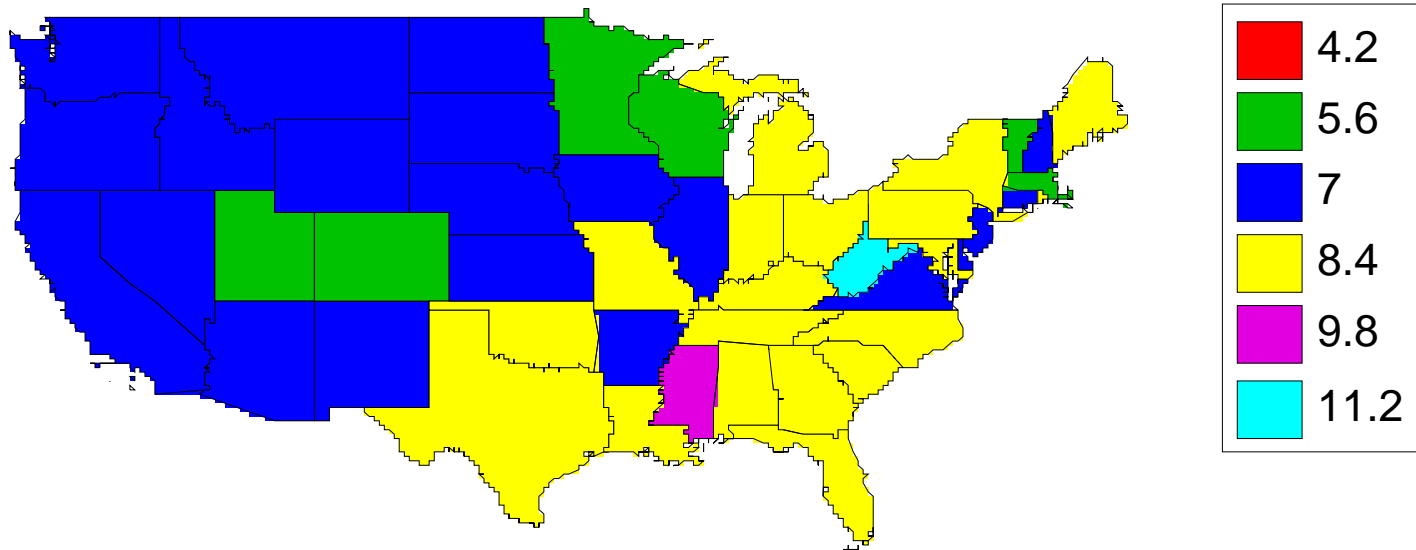
# Obesity Rates Alabama and the Nation 1999-2004



Source: BRFSS

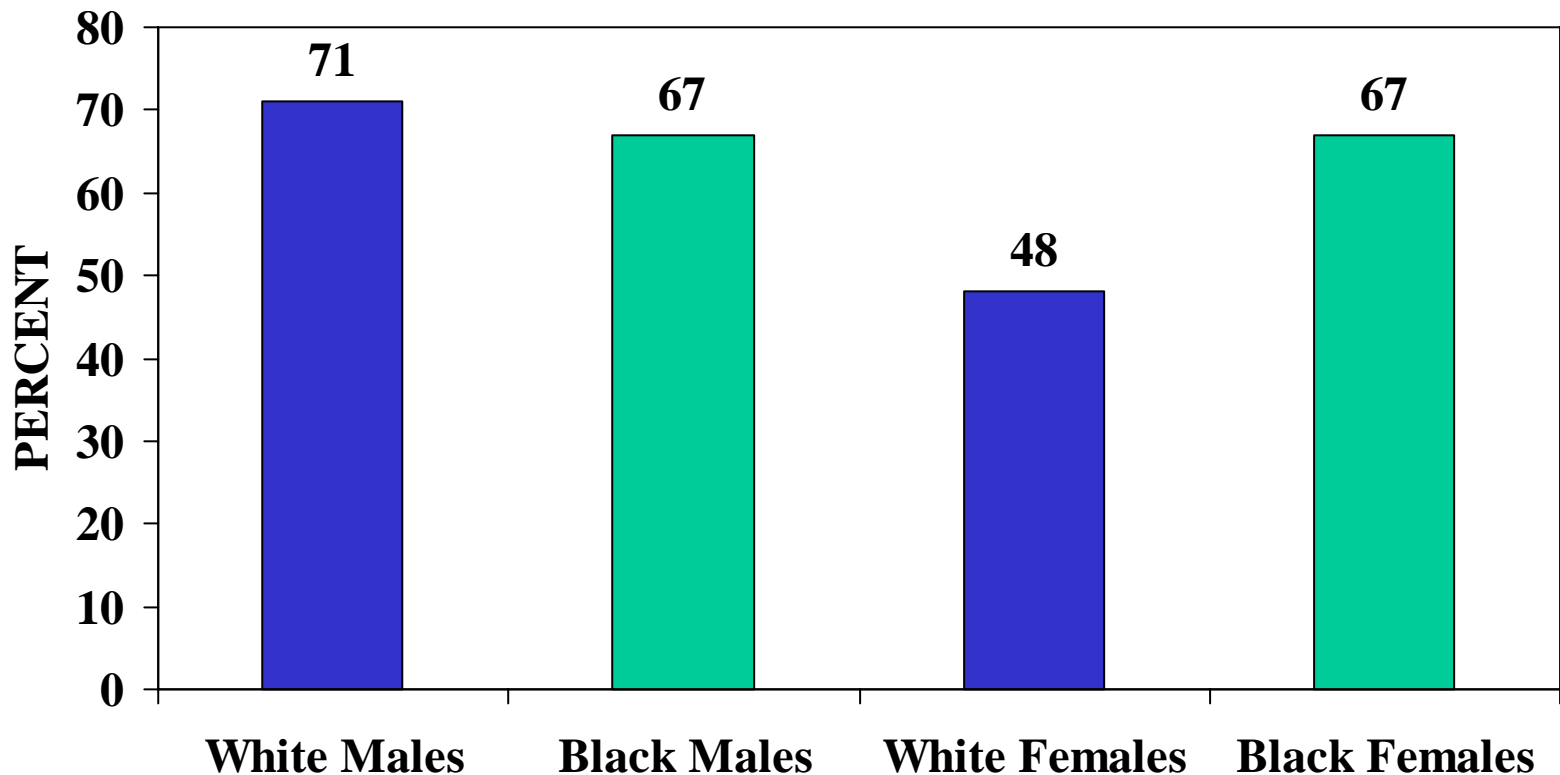


## Diabetes Prevalence 2004

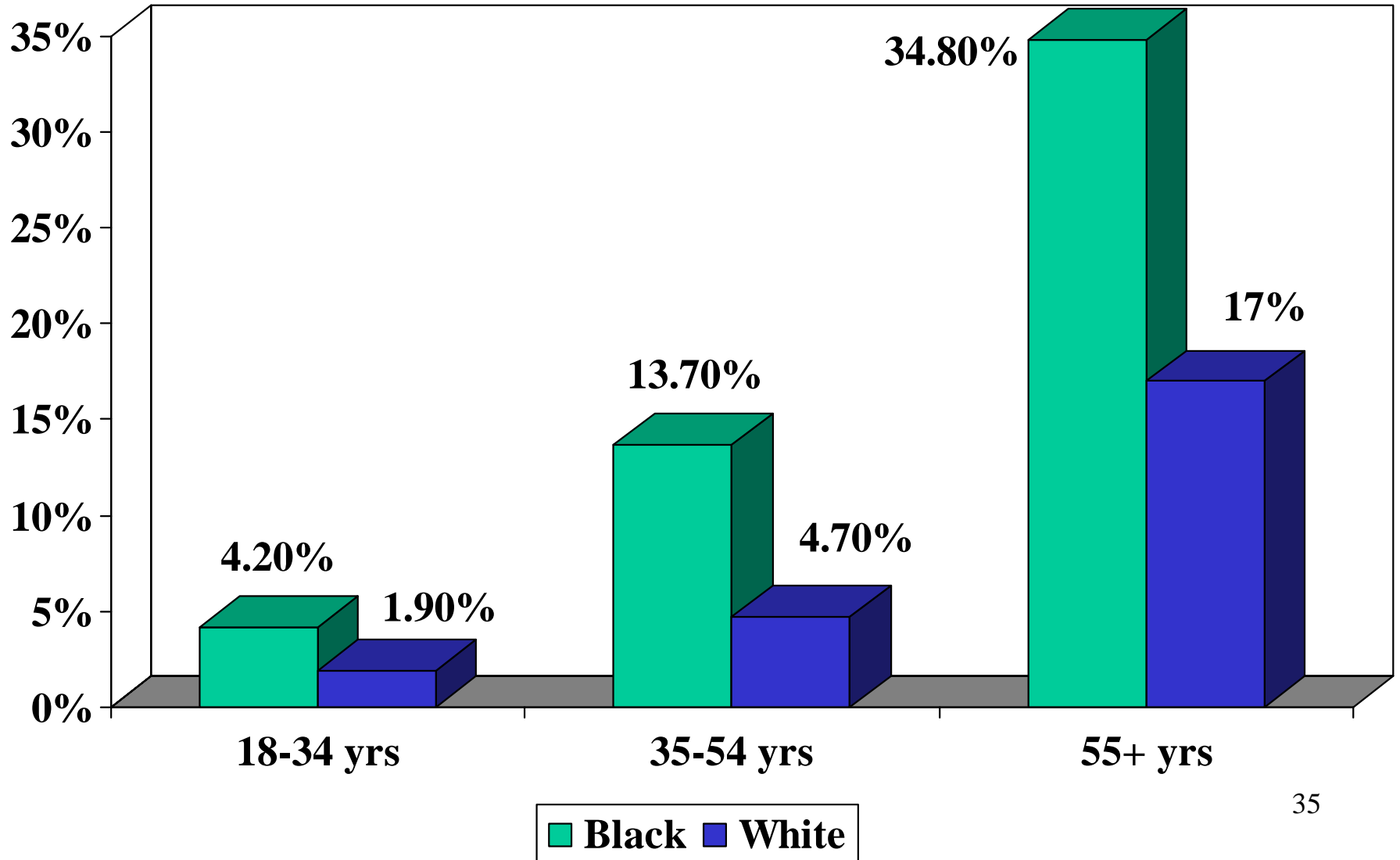


# Overweight

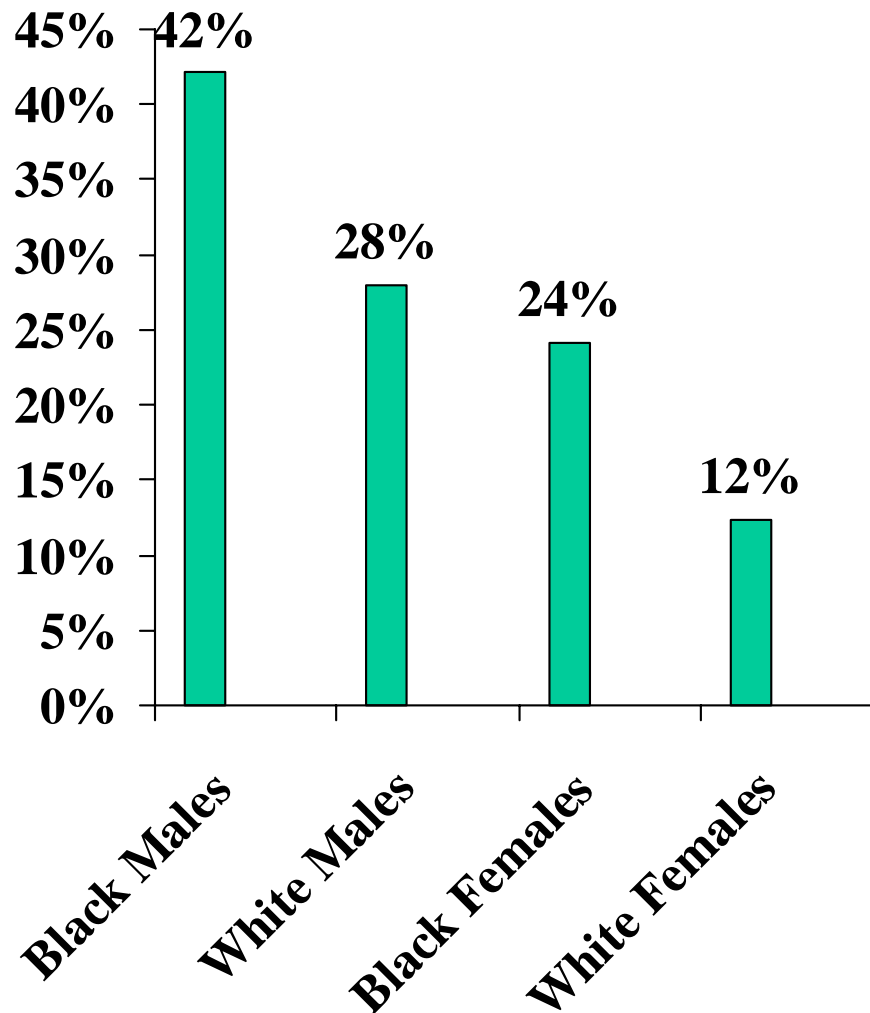
## By Race and Gender, Year 2001



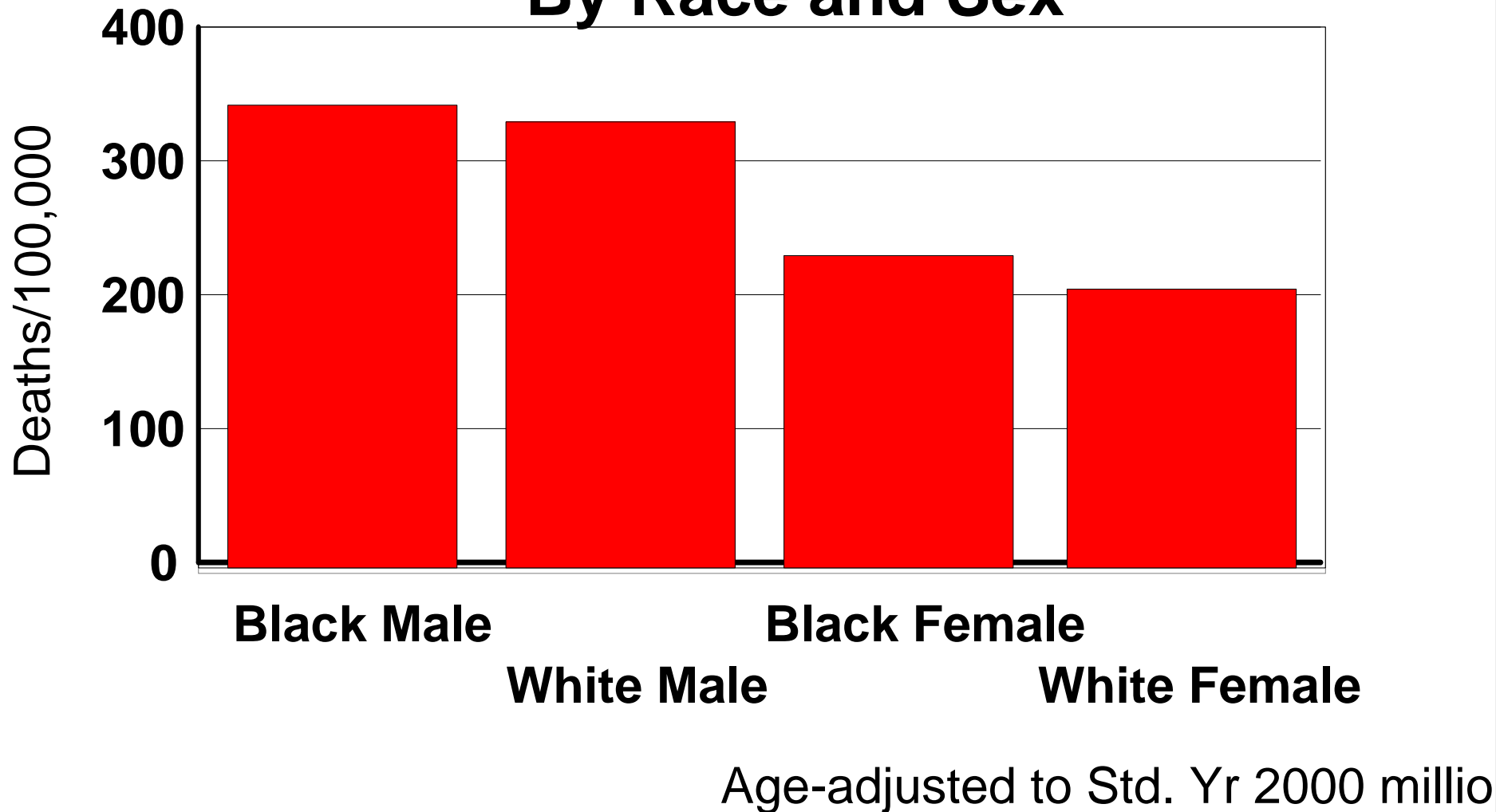
# Rates of Diabetes by Ethnicity within Age Groups, 2001



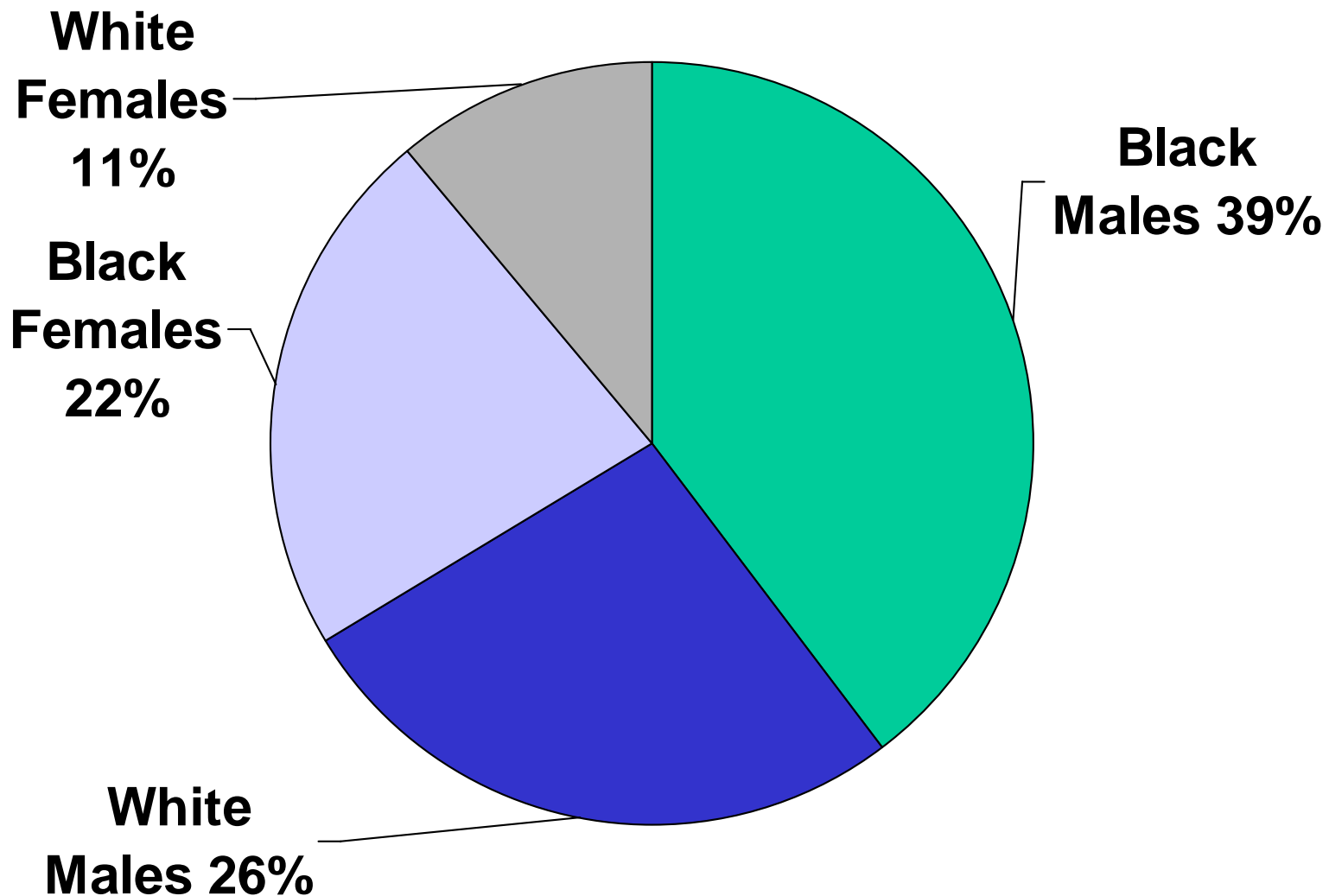
# Premature Cardiovascular Deaths by Race and Sex, 2004



# Heart Disease Alabama 2004 By Race and Sex



# Premature Cardiovascular Deaths by Race and Sex, 1998

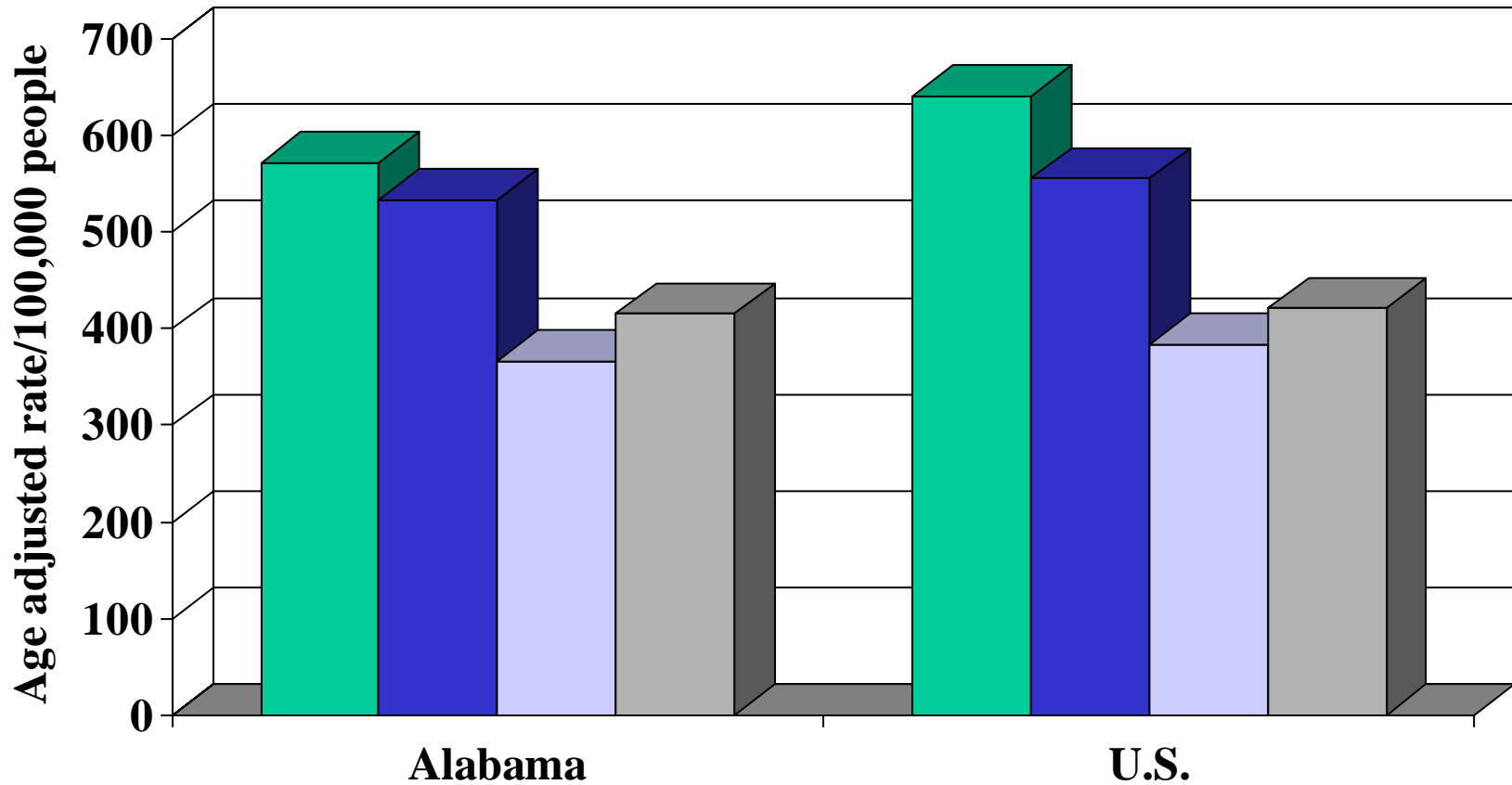


# Cancer

Alabama data provided by Alabama Statewide Cancer Registry. U.S. incidence data provided by NAACCR, and U.S. mortality data provided by CDC Wonder.

# Cancer Incidence 1999-2003

## All Sites

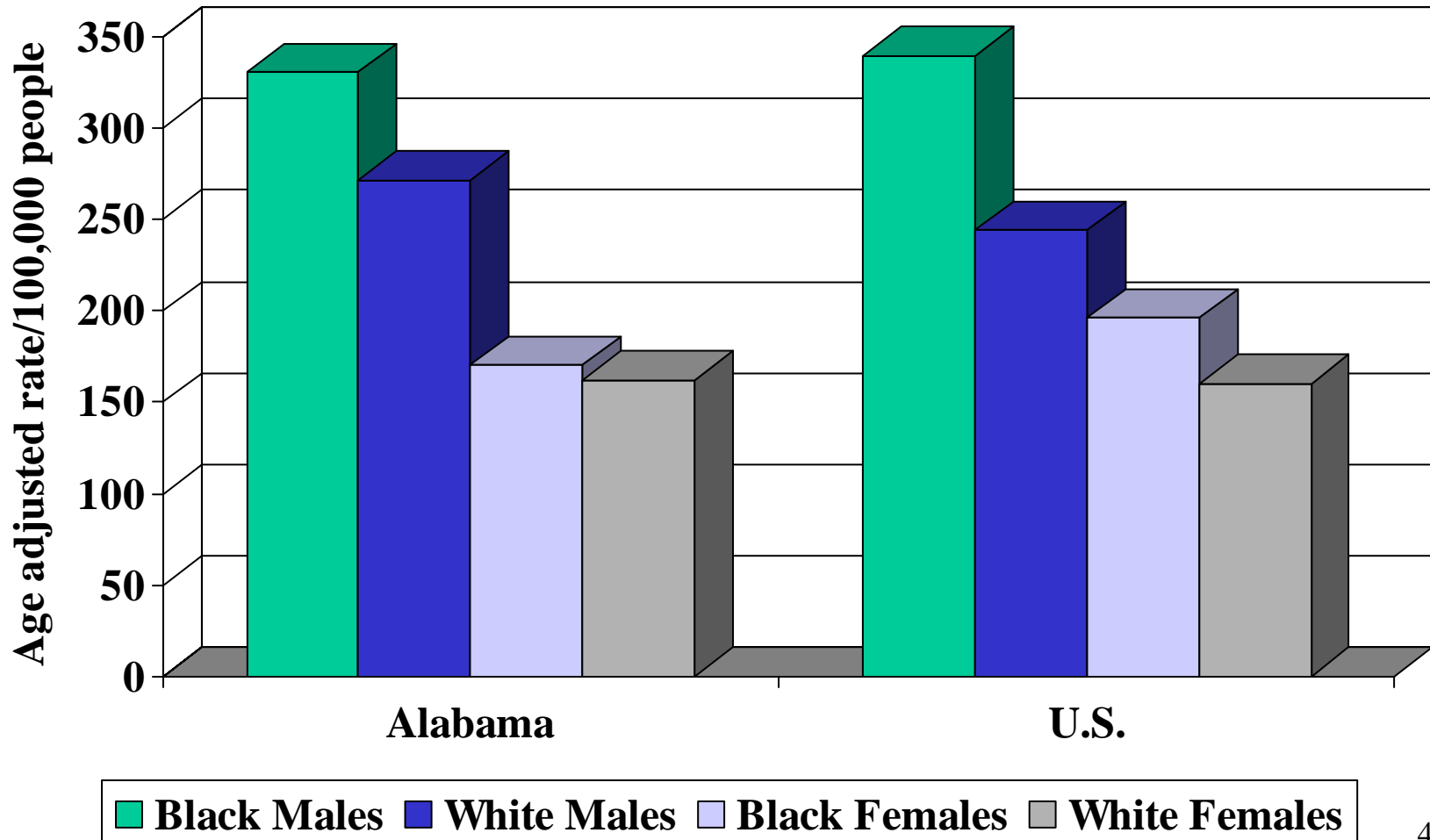


■ Black Males ■ White Males ■ Black Females ■ White Females



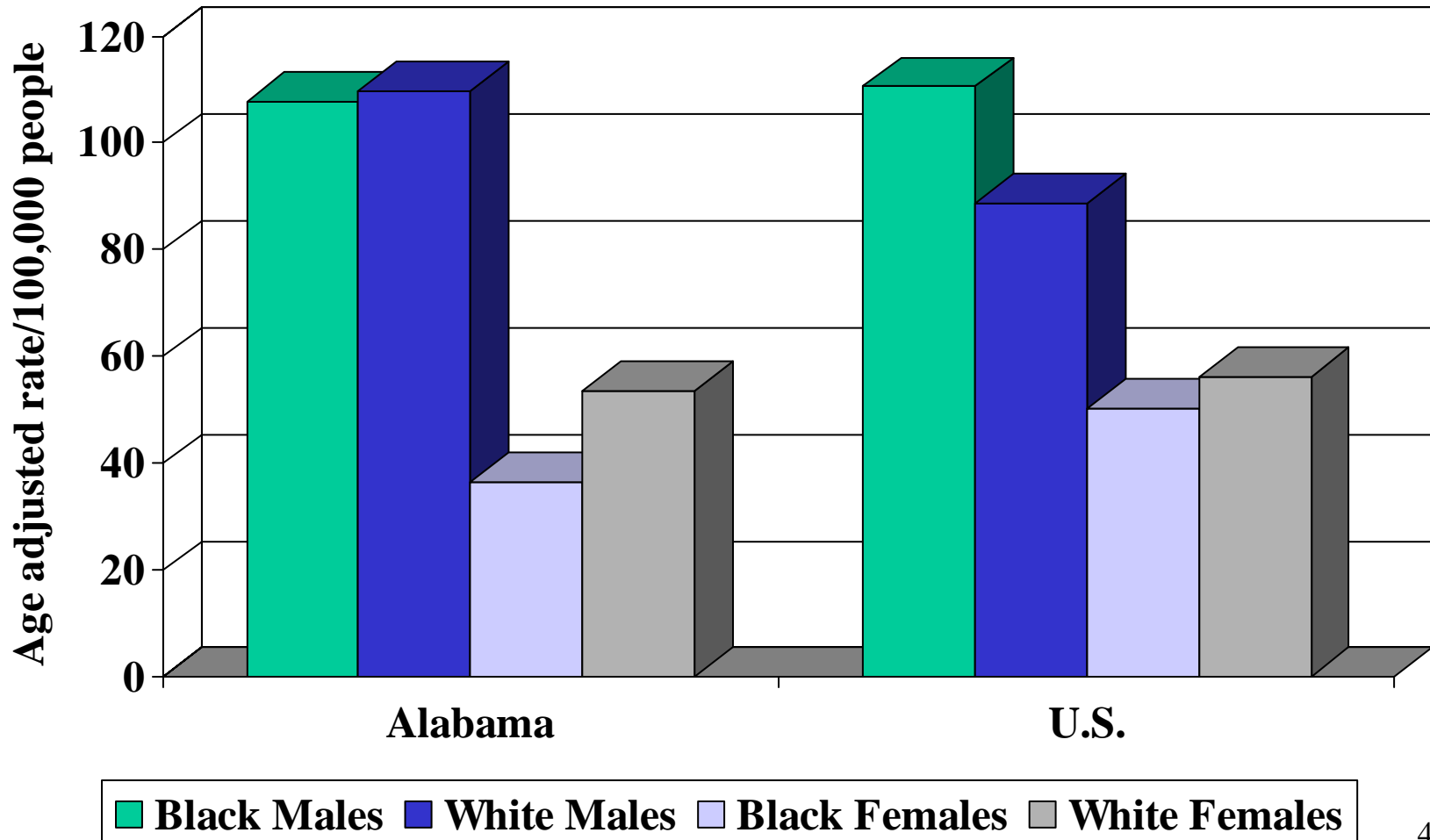
# Cancer Mortality 1999-2002

## All Sites



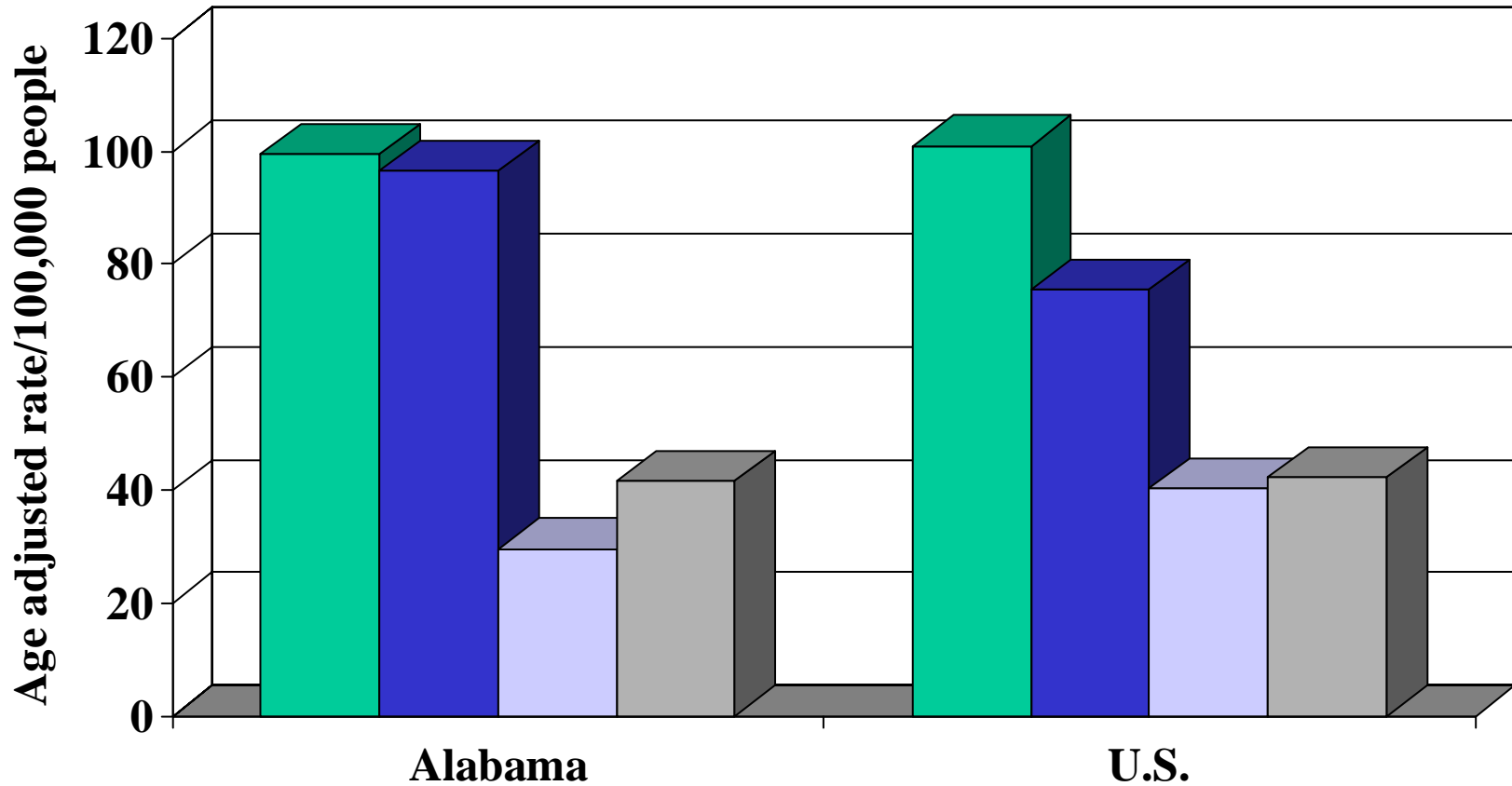
# Cancer Incidence 1999-2003

## Lung Cancer



# Cancer Mortality 1999-2002

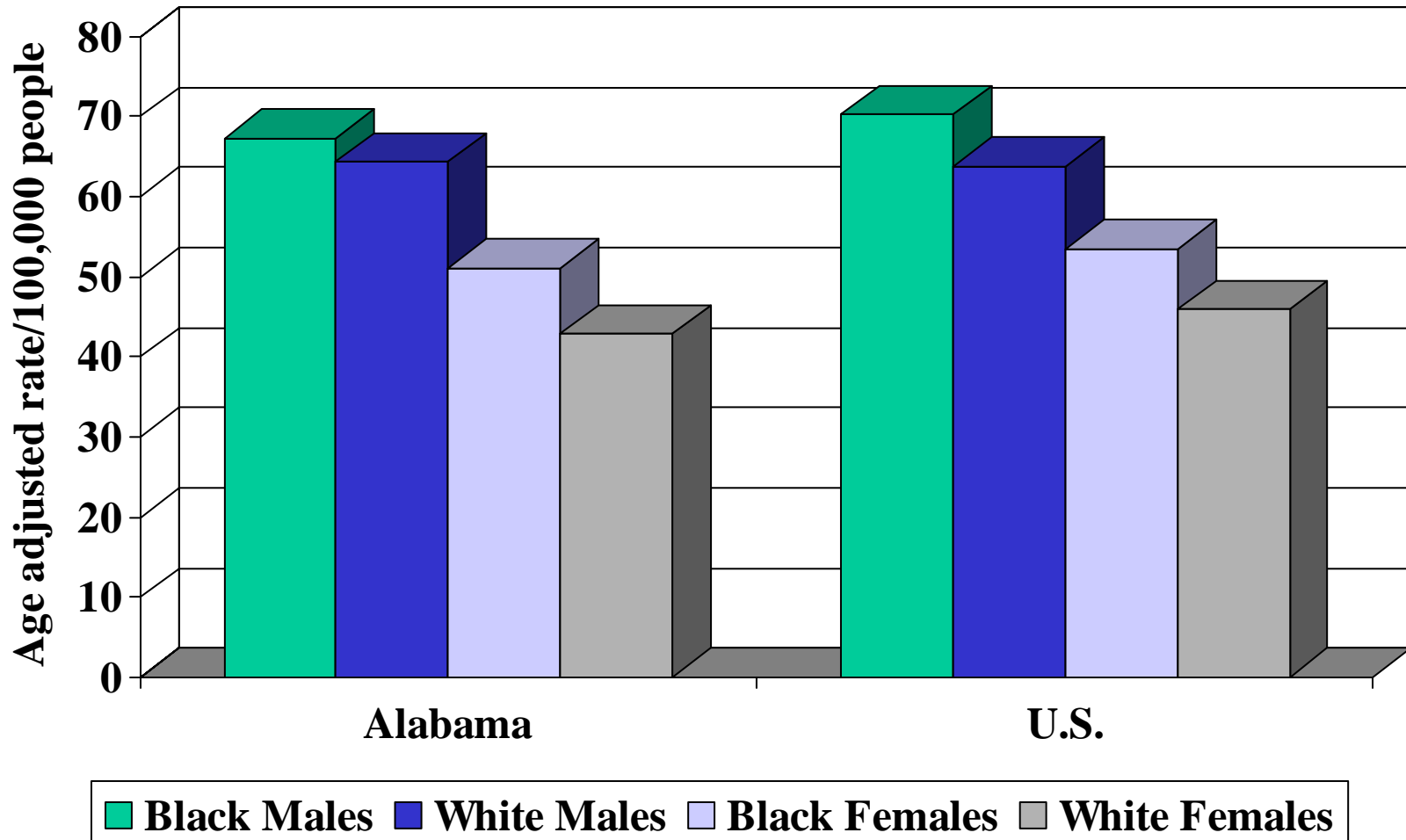
## Lung Cancer



**■ Black Males ■ White Males ■ Black Females ■ White Females**

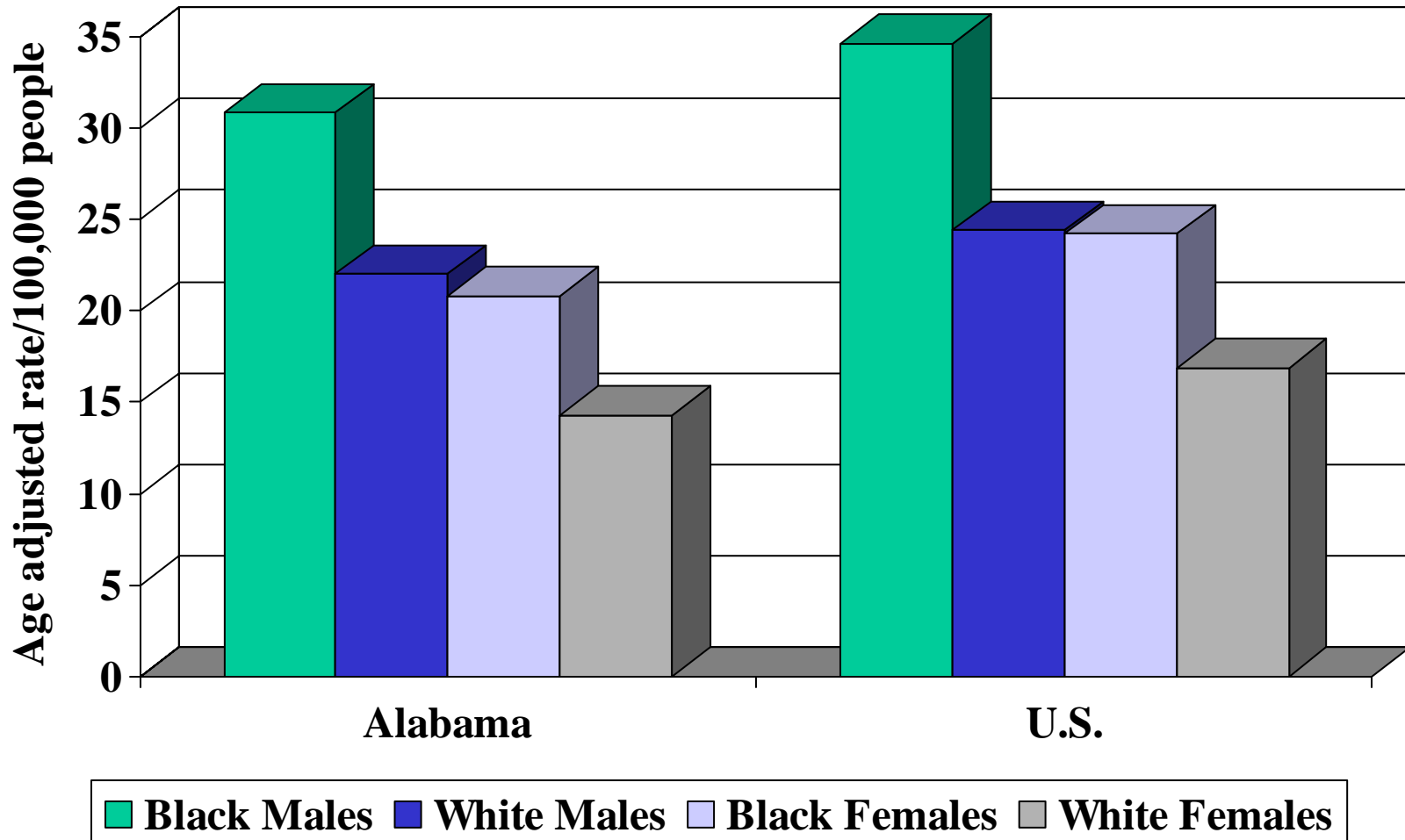
# Cancer Incidence 1999-2003

## Colorectal Cancer

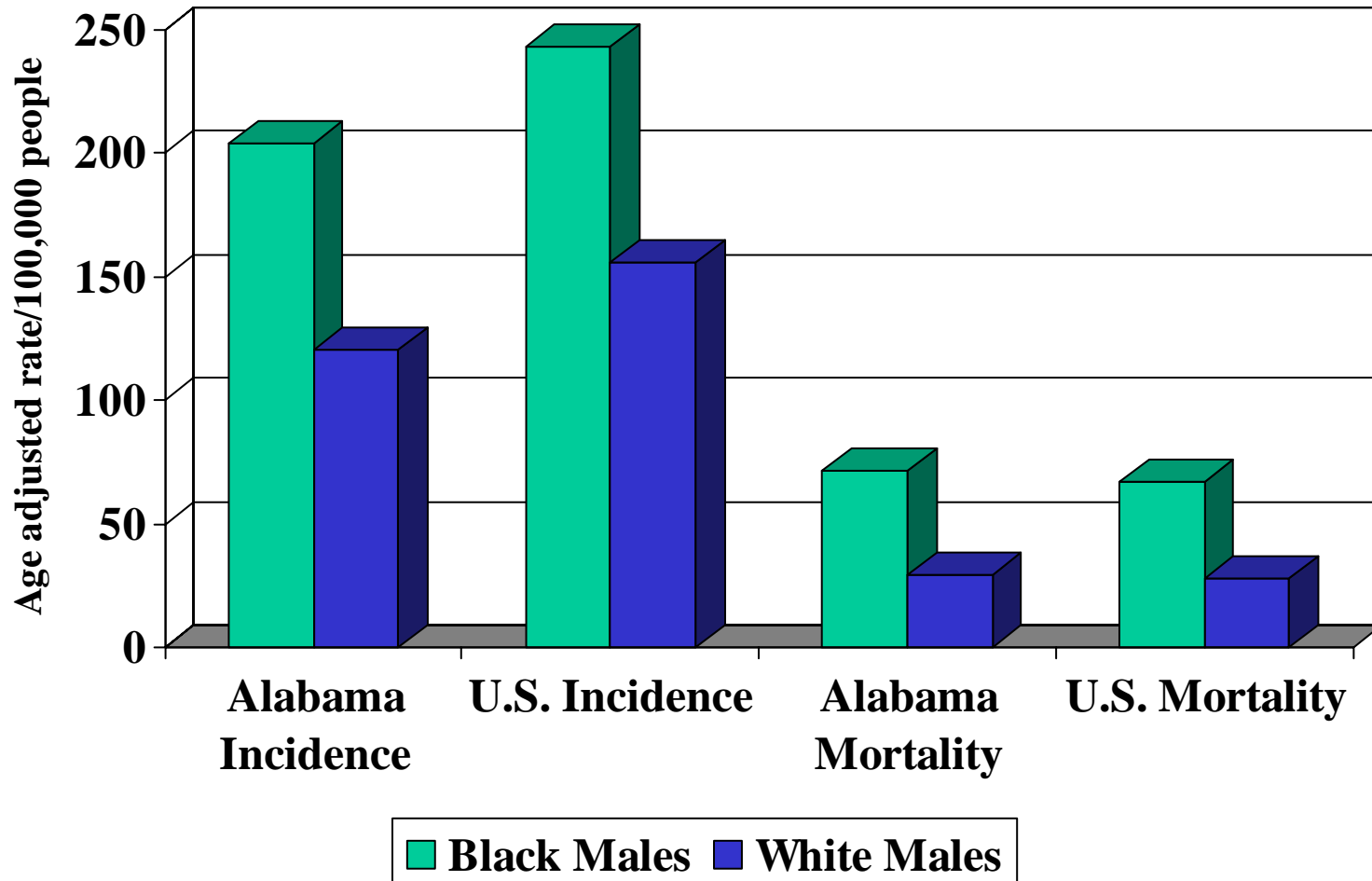


# Cancer Mortality 1999-2002

## Colorectal Cancer

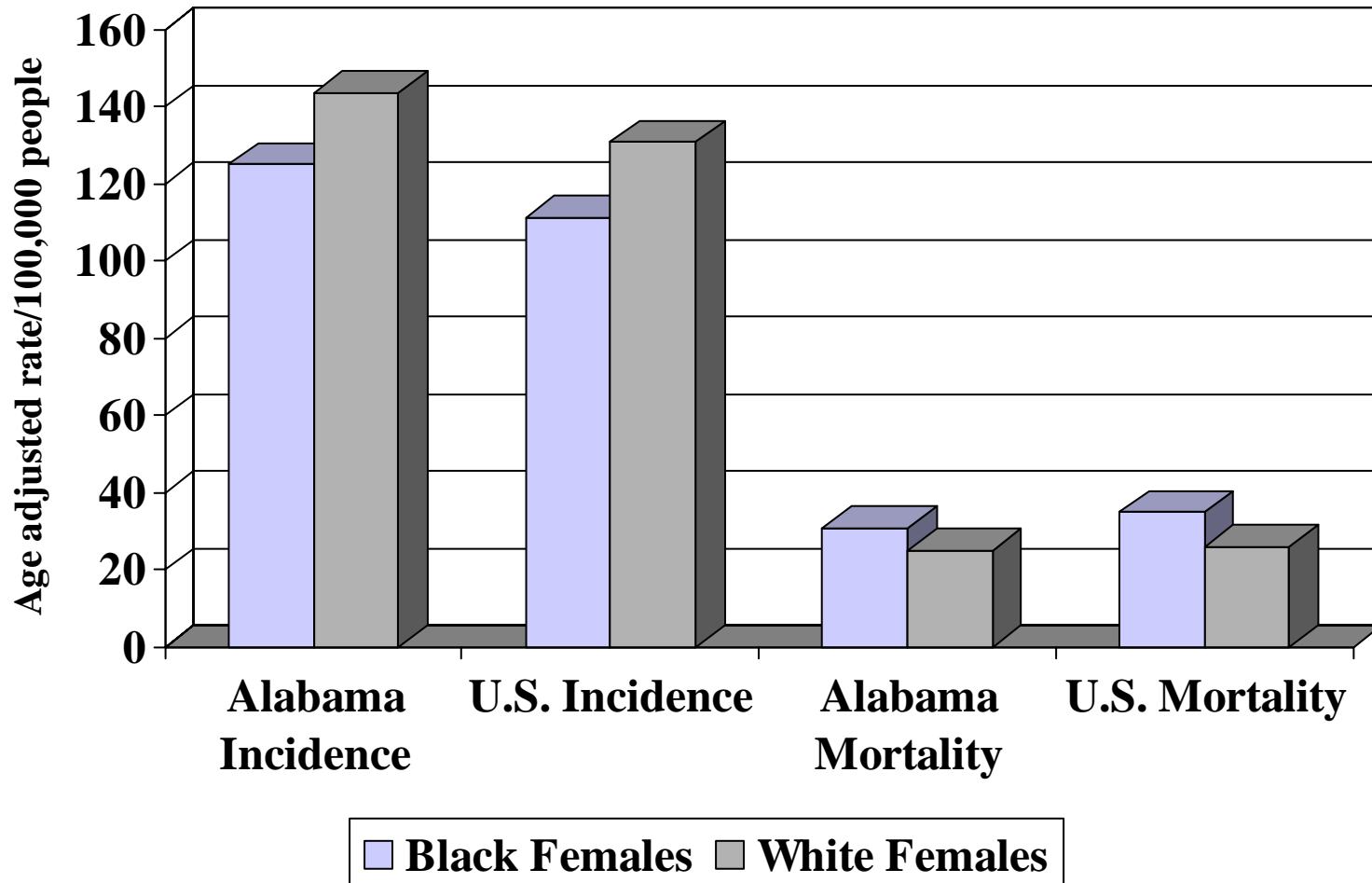


# Cancer Incidence and Mortality 1999-2003\* Prostate Cancer



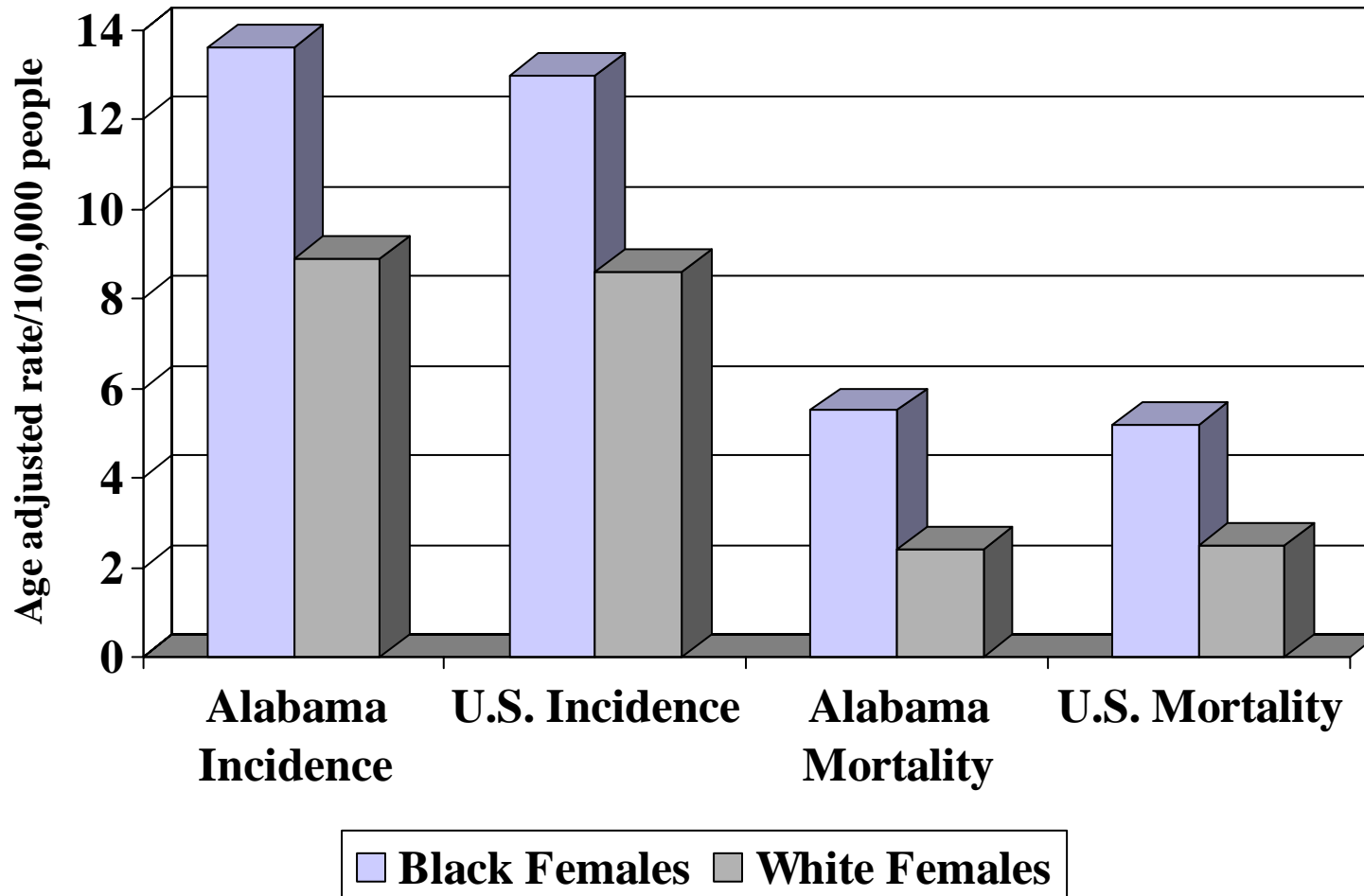
\* Mortality rates only include the years 1999-2002.

# Cancer Incidence and Mortality 1999-2003\* Breast Cancer



\* Mortality rates only include the years 1999-2002.

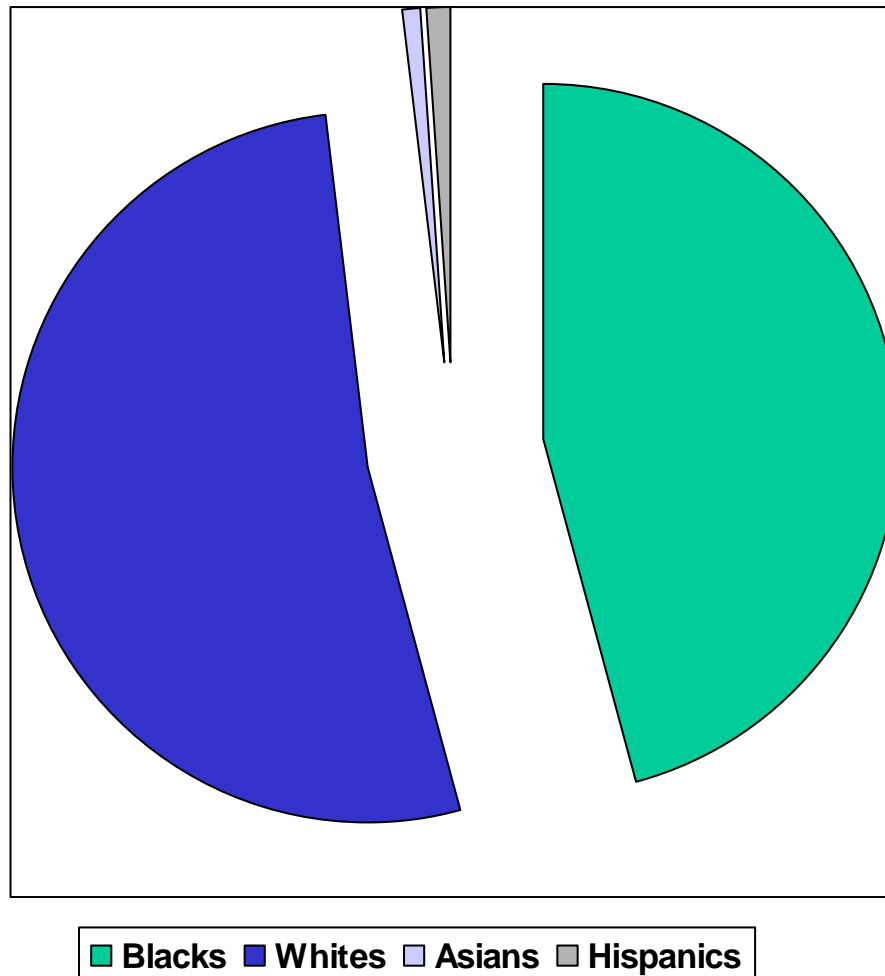
# Cancer Incidence and Mortality 1999-2003\* Cervical Cancer



\* Mortality rates only include the years 1999-2002.



# Race Distribution of Women Screened



# What is the Office of Minority Health Doing to Eliminate Health Disparities

- Promote minority presence and participation in health planning and policy formation
- Enhance and promote public awareness of health disparities in Alabama

# Promote Minority Presence

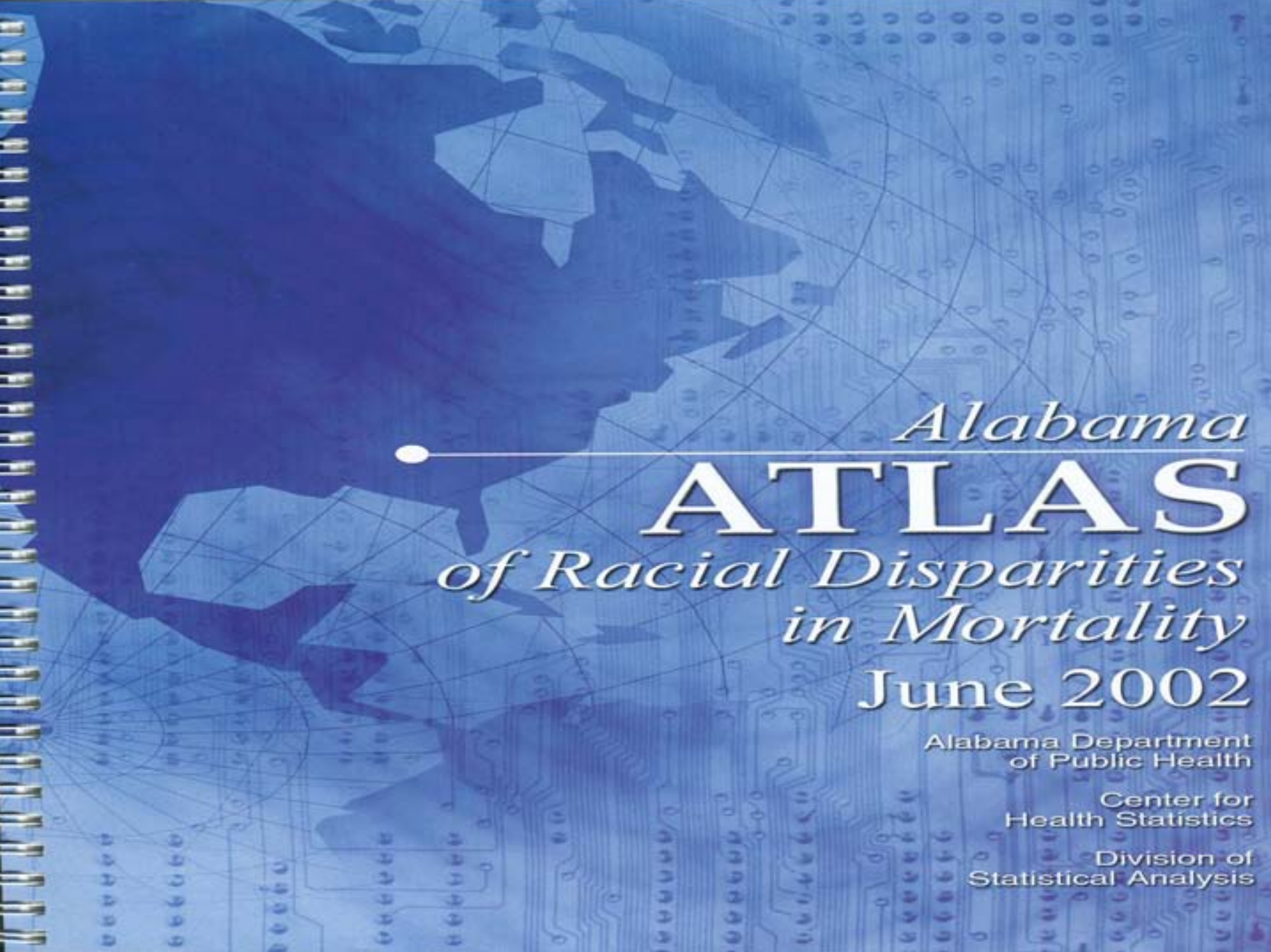
- State Level Initiatives: collect health data for all people of color, publish data, develop a state wide plan to eliminate health disparities
- Community Level Initiatives: participate in health councils and coalitions, develop public-private partnerships

# Thank You

## Questions & Answers

**For more information about health issues in the state, visit the Alabama Department of Public Health's website:**

**<http://www.adph.org/minorityhealth>**

The background of the cover features a stylized map of Alabama in a dark blue color, overlaid on a lighter blue background with a circuit board pattern. A white dot is positioned to the left of a horizontal line that extends across the page, intersecting the word 'ATLAS'.

*Alabama*

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**ATLAS**

*of Racial Disparities  
in Mortality*

**June 2002**

Alabama Department  
of Public Health

Center for  
Health Statistics

Division of  
Statistical Analysis



*Alabama*

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**CHART  
BOOK**

*of Regional  
Disparities in Mortality*

**July 2003**

Alabama Department  
of Public Health

Center for  
Health Statistics

Division of  
Statistical Analysis



# Hispanic Health Profile Alabama 2003

Alabama Department of  
Public Health

Center for  
Health Statistics

Statistical  
Analysis Division







**minority**  
**HEALTH**

*in Alabama*

*Together  
we can close  
the gap.*



# CHRONIC DISEASE **IN ALABAMA**

*Past, Present, and Future Trends*