

Community Health Assessment for Mobilizing for Action Through Planning and Partnerships (MAPP)

1

SPONSORED BY

THE ORANGE COUNTY HEALTH DEPARTMENT

TO THE EXTENT THAT IT IS POSSIBLE, WOULD IT BE POSSIBLE TO INCLUDE THE STATE OR NATIONAL TARGETS FOR EACH OF THE CHARTS. I KNOW ALL THE SLIDES THAT ARE BASED ON FLORIDA CHARTS ALSO HAVE TARGETS.

ON THE REMAINING SLIDES LOOK FOR THIS COLOR TO SEE COMMENTS. SOMETIMES I CHANGED THE COLOR OF A WORD BECAUSE IT WAS MISSPELLED AND SOMETIMES I PUT COMMENTS IN THIS COLOR AT THE BOTTOM OF THE SLIDES.

I MADE NO CHANGES AS I THOUGHT IT IMPORTANT THAT YOU SEE THEM ALL AND AGREE OR DISAGREE TO MAKE THE CHANGE YOURSELF.

Demographics

Characteristics
about a
population of
people



Demographic Summary

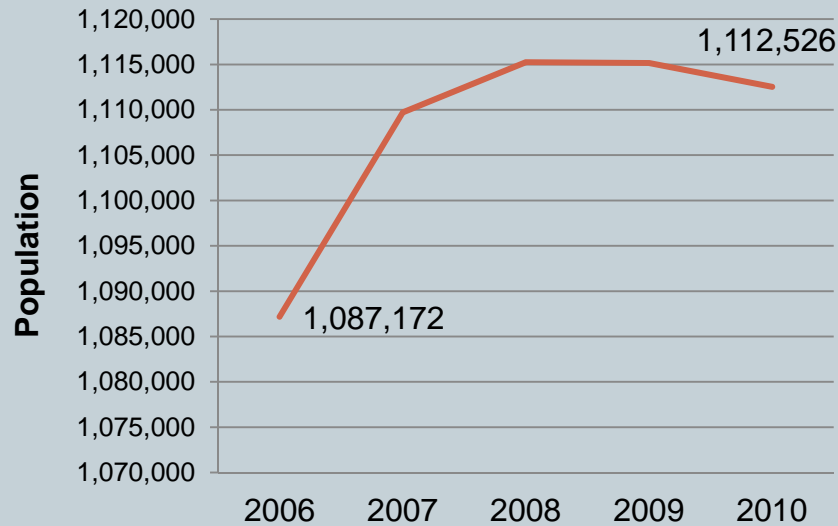
3

- ↓ Population
- ↑ Population diversity
- ↑ Aging Population
- ↓ Decreasing birth rates for all populations

Demographics-Population

4

Orange County Population



The population in Orange County decreased by 79 residents in 2008-2009 and decreased again in 2009-2010 by 2,643 residents.



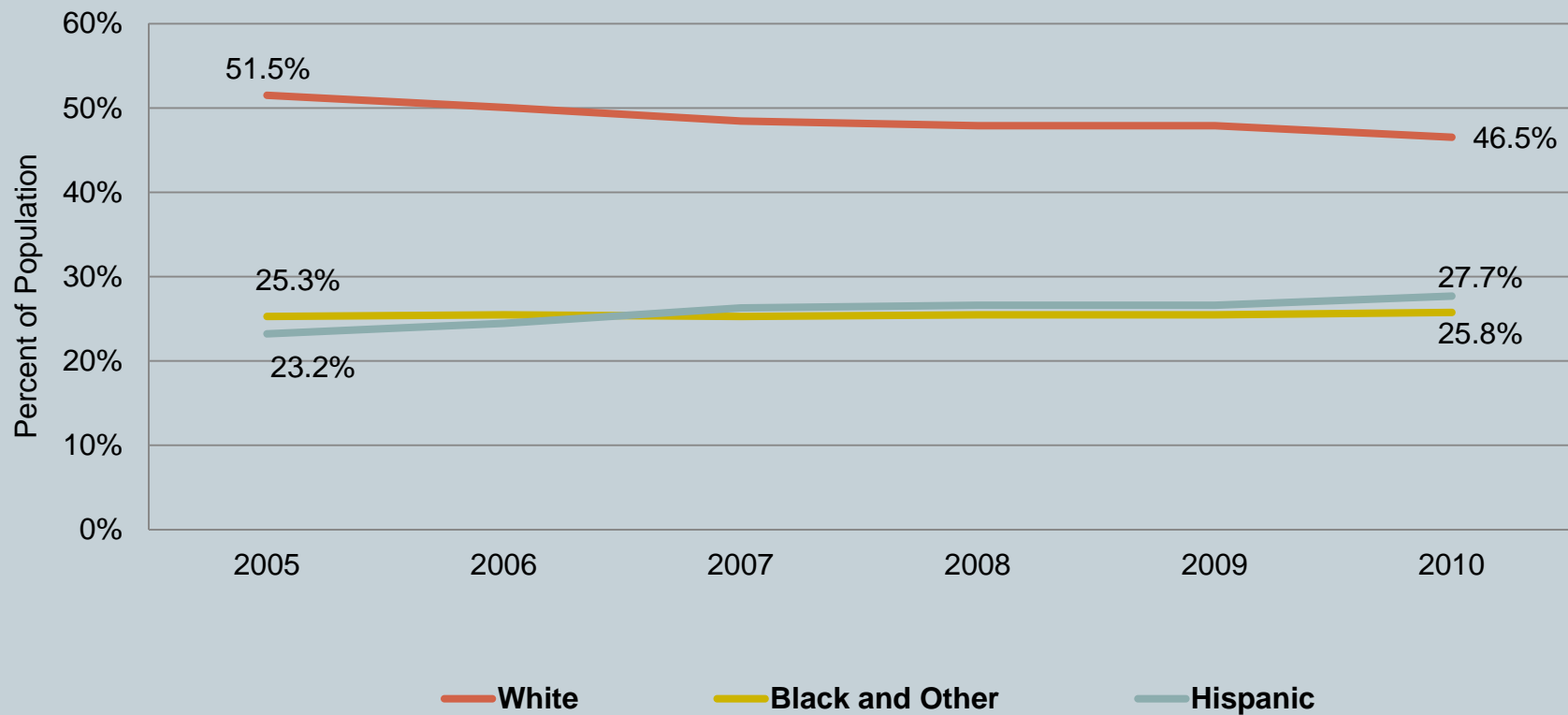
Orange County Population Growth



Demographics-Race/Ethnicity

5

Orange County Race/Ethnicity

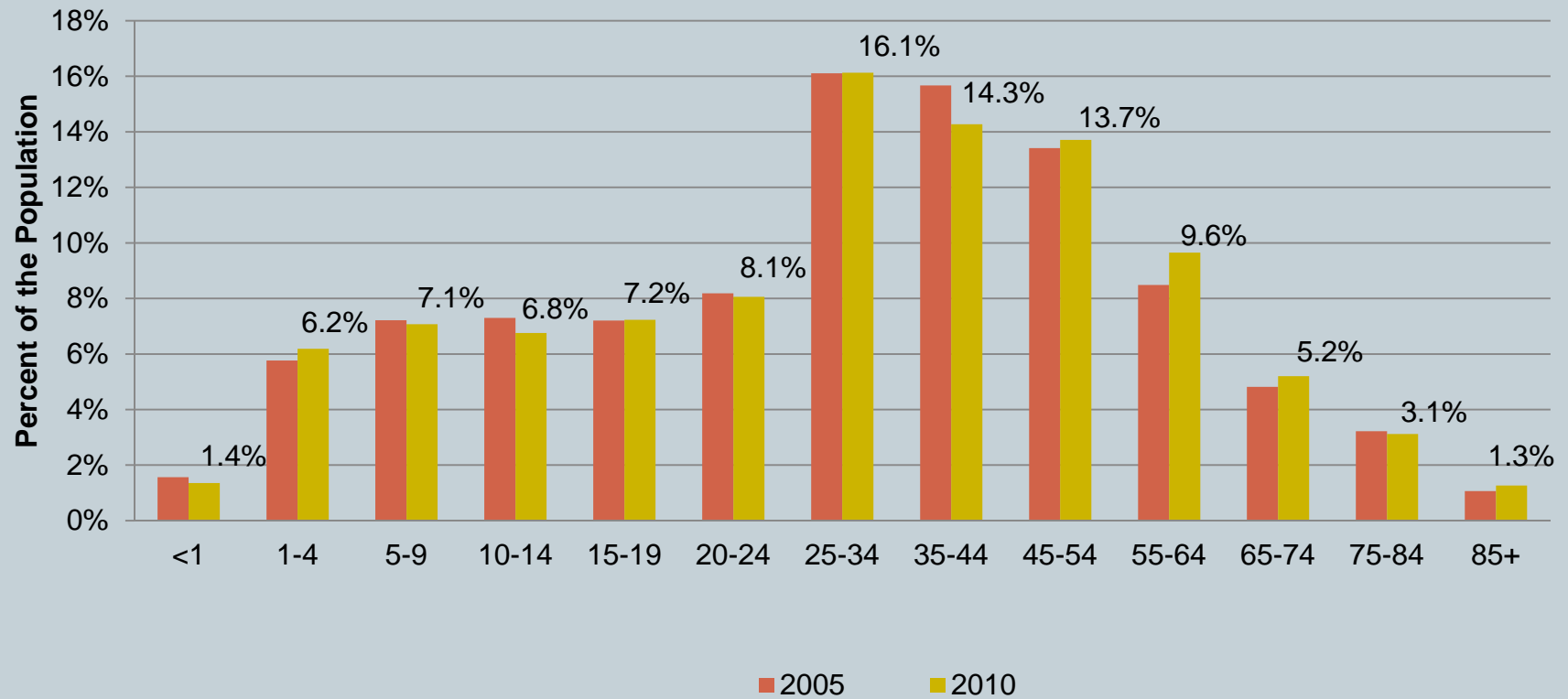


Source: Florida CHARTS

Demographics-Age

6

Orange County Age Distribution

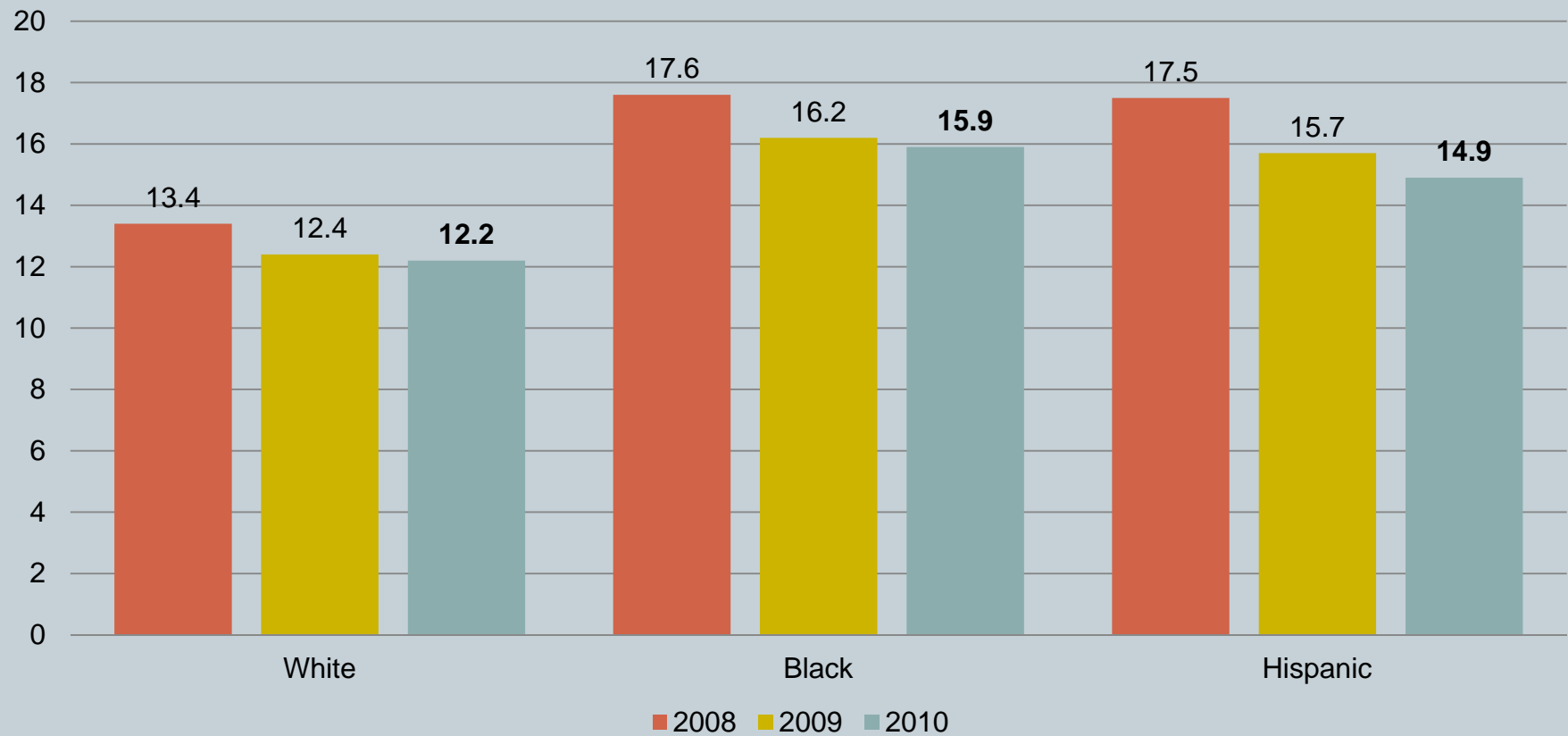


Birth Rate

7

Birth Rate

Per 1,000 Live Births



Source: Florida CHARTS

Top 10 Leading Causes of Death

According to **Healthy People 2020**, measuring the causes of death is one component used to assess the multi-dimensional concept of health-related quality of life.



Leading Causes of Death Summary

9

Cancer, Heart, Stroke and Diabetes remain Top Causes of Death

87.2% of respondents were in good - excellent health

91% of respondents were in good - excellent mental health

↑ Deaths from Influenza & Pneumonia (slightly)

93.7% immunization level at Kindergarten

Top Causes of Death

10

| Cause of Death | AADR* Per 100,000 |
|-----------------------------------|-------------------|
| Cancer | 170.2 |
| Heart Disease | 162.5 |
| Chronic Lower Respiratory Disease | 42.0 |
| Unintentional Injuries | 36.1 |
| Stroke | 32.1 |
| Diabetes Mellitus | 24.7 |
| Alzheimer's Disease | 20.5 |
| Kidney Disease | 15.0 |
| Septicemia | 11.9 |
| Pneumonia/Influenza | 11.4 |

* AADR- Age Adjusted Death Rate

2010 Ranked Causes of Death

11

| Cause of Death | White | Black | Hispanic* |
|-----------------------------------|-------|-------|-----------|
| Cancer | 1 | 1 | 2 |
| Heart Disease | 2 | 2 | 1 |
| Stroke | 5 | 3 | 3 |
| Diabetes Mellitus | 6 | 4 | 4 |
| Unintentional Injuries | 4 | 5 | 5 |
| Kidney Disease | 8 | 6 | 8 |
| Chronic Lower Respiratory Disease | 3 | 7 | 7 |
| HIV/AIDS | 13 | 8 | 13 |
| Alzheimer's Disease | 7 | 9 | 6 |
| Septicemia | 9 | 10 | 9 |
| Pneumonia/Influenza | 10 | 11 | 10 |

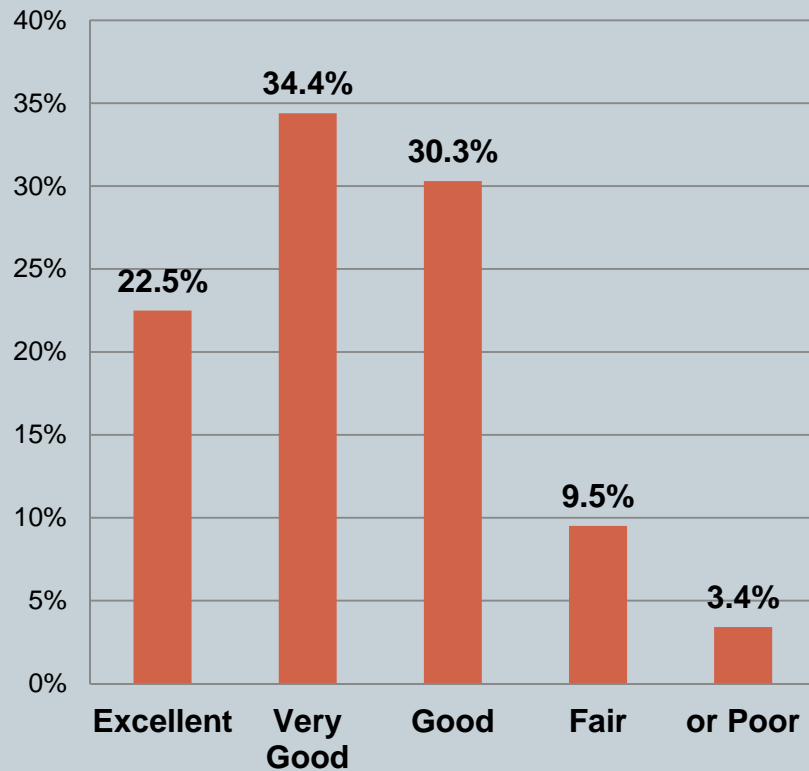
Source: Florida CHARTS

* Hispanic causes of death 2009

Health Status

12

Overall Health Status



Mental Health Status

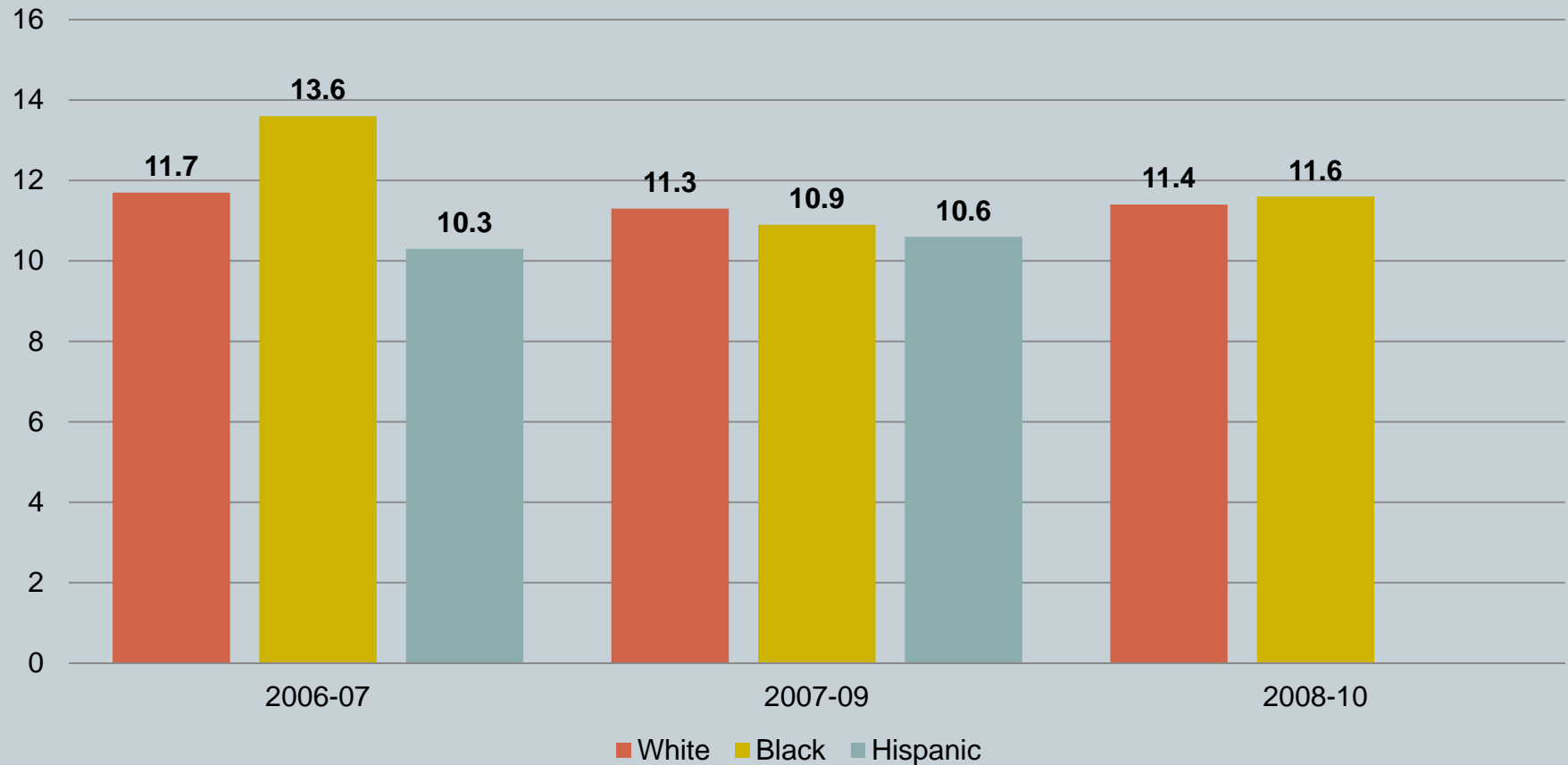


Source: 2009 PRC Community Health Assessment

AADR Influenza & Pneumonia

13

Deaths From Influenza & Pneumonia



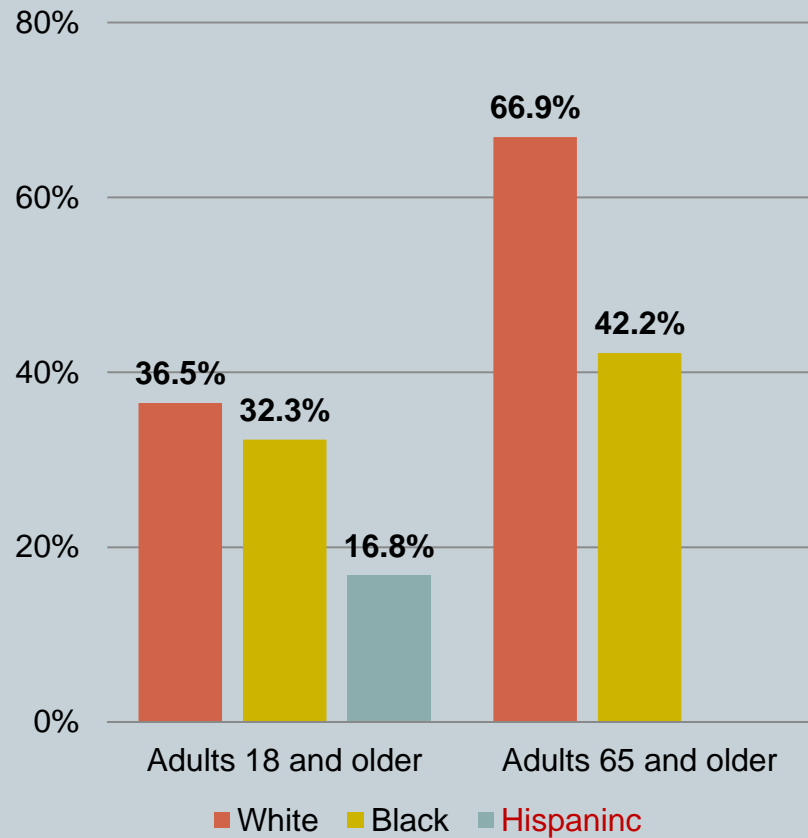
AADR- Age Adjusted Death Rate per 100,000 population

Source: Florida CHARTS, Hispanic data not available for 2008-10

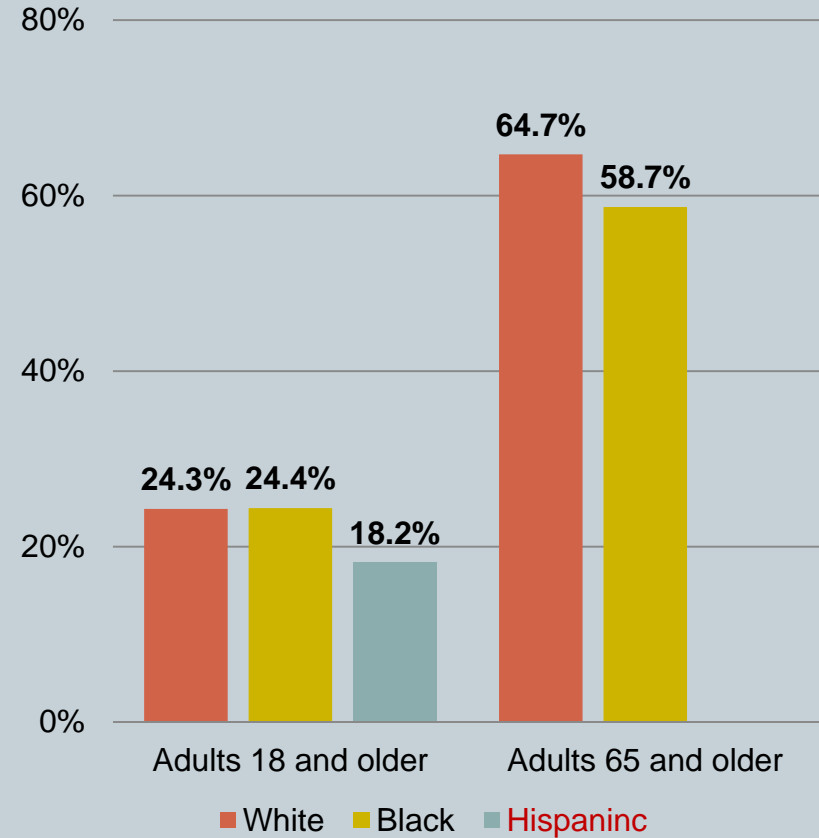
2010 Immunization- Adults

14

**Received Flu Shot
in the Past Year**



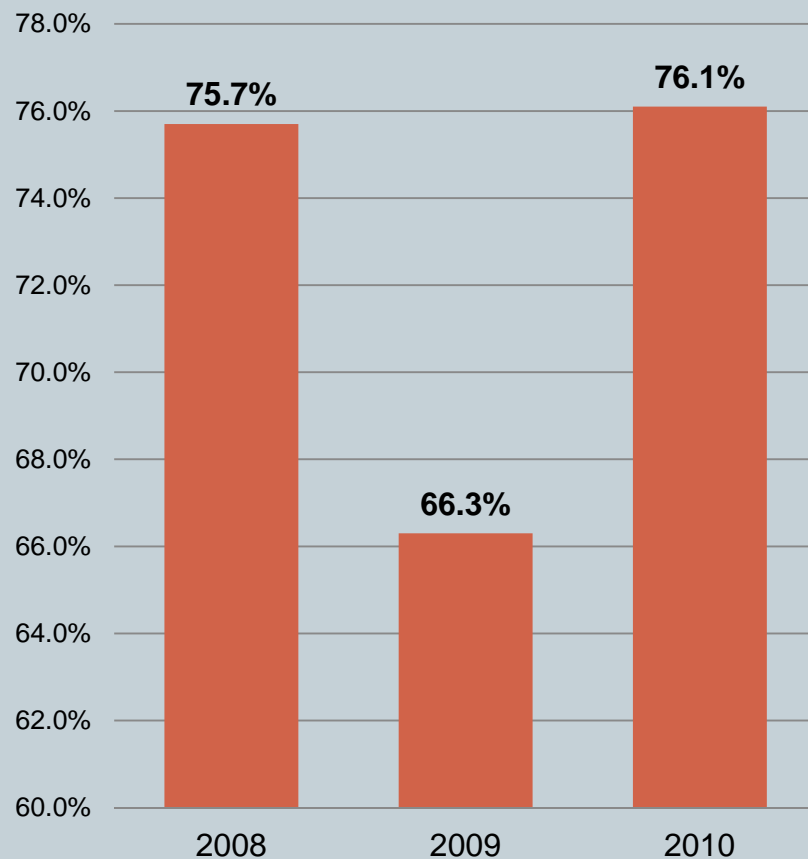
**Received Pneumonia Shot
in the Past Year**



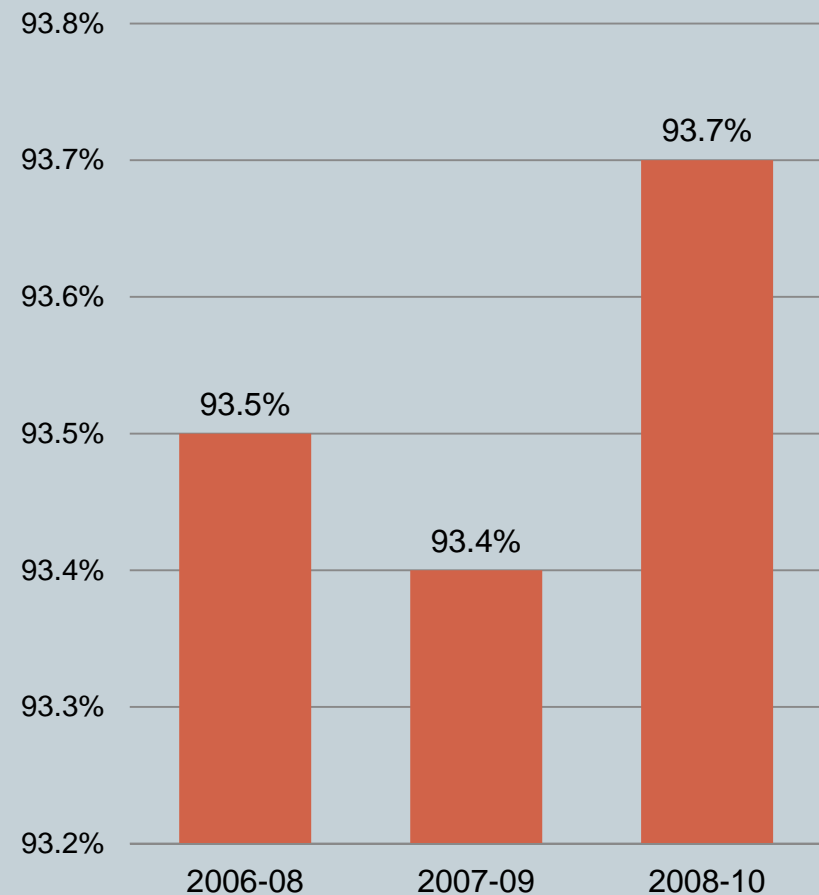
2010 Immunization - Children

15

Percent of Fully Immunized Children
2 years of age



Immunization Levels in Kindergarten



Source: Florida CHARTS

According to **Healthy People 2020**, STD prevention is an essential primary care strategy for improving reproductive health.

Although largely **preventable**, STDs remain a significant public health problem in the United States. STDs cause many harmful, often irreversible, and costly clinical complications.

Why Is Sexually Transmitted Disease Prevention Important?

The Centers for Disease Control and Prevention (CDC) estimates that there are approximately 19 million new STD infections each year—almost half of them among young people ages 15 to 24. Because many cases of STDs go undiagnosed—and some common viral infections, such as human papillomavirus (HPV) and genital herpes, are not reported to CDC at all—the reported cases of chlamydia, gonorrhea, and syphilis represent only a fraction of the true burden of STDs in the United States.

Untreated STDs can lead to serious long-term health consequences, especially for adolescent girls and young women.



Infectious/Communicable Diseases

Sexually Transmitted Diseases Summary

17

↑ Chlamydia, HIV/AIDS

Black population disproportionately affected for all STD's

75% of Orlando HIV/AIDS cases are in Orange County **huh?**

Males are disproportionately affected by HIV/AIDS

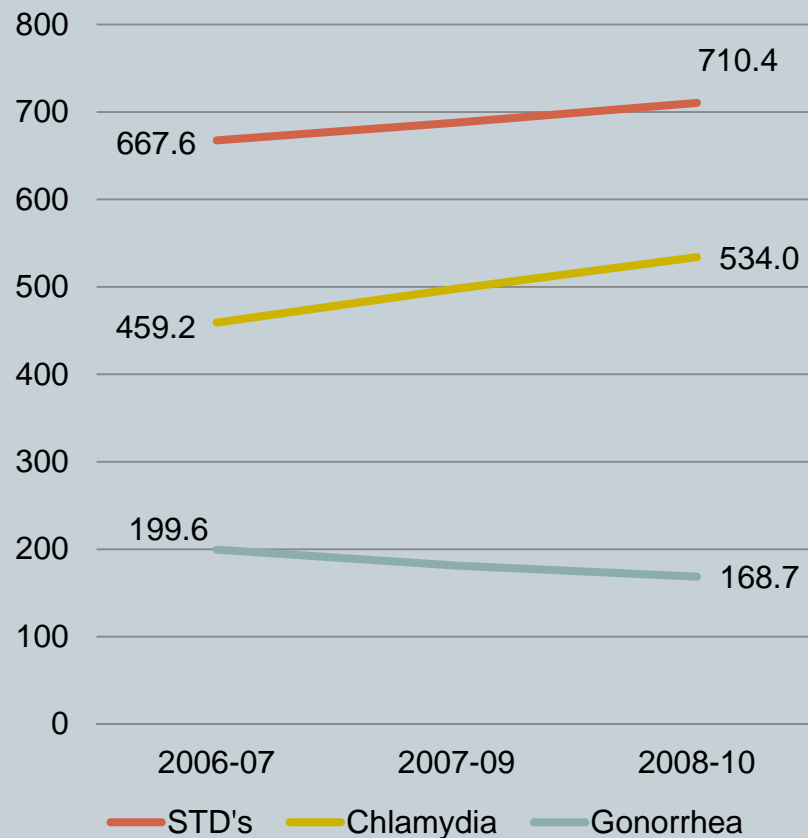
73% of Pediatric HIV/AIDS cases are in the Black population

↓ TB Cases and rates are decreasing (Leading cause of death for those with HIV/AIDS) **Is this true?**

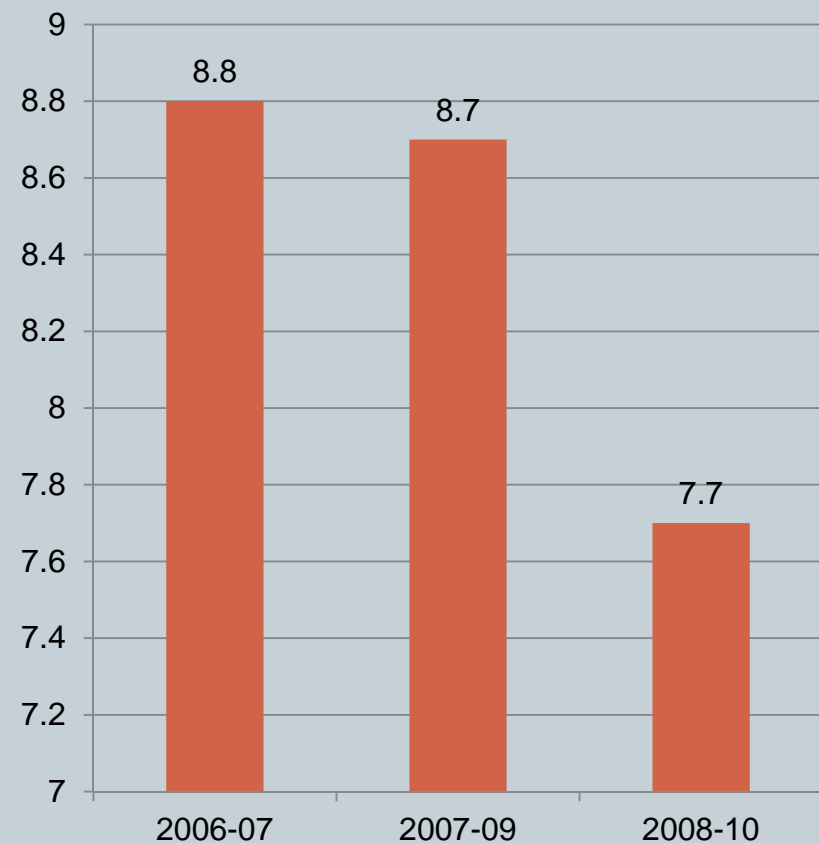
Sexually Transmitted Disease Trends

18

**Sexually Transmitted Disease Rates
Per 100,000 population**



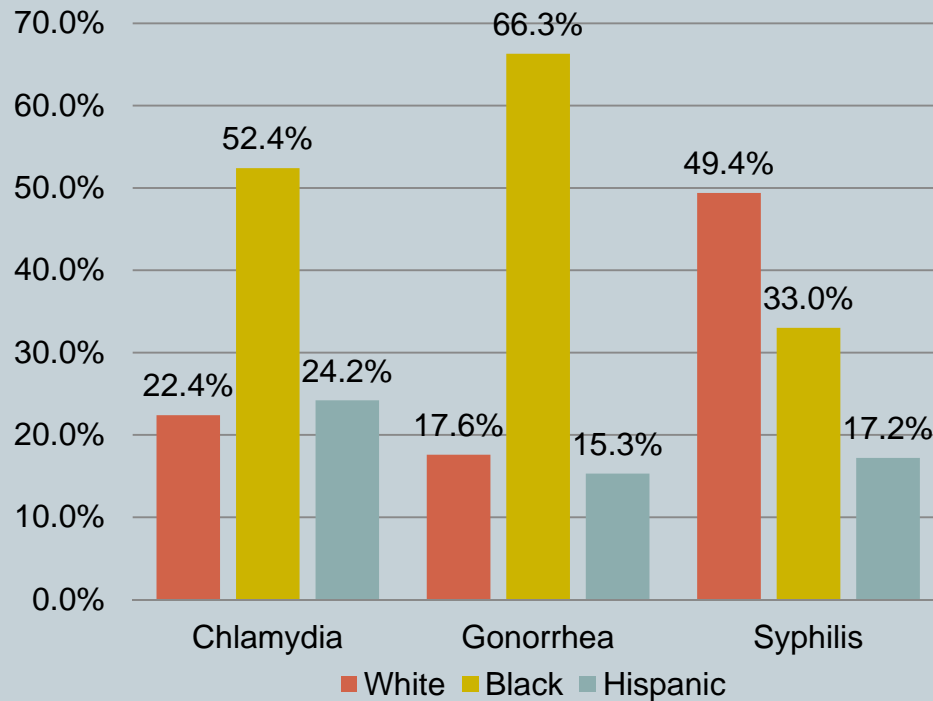
**Syphilis Rates
Per 100,000 population**



Sexually Transmitted Diseases

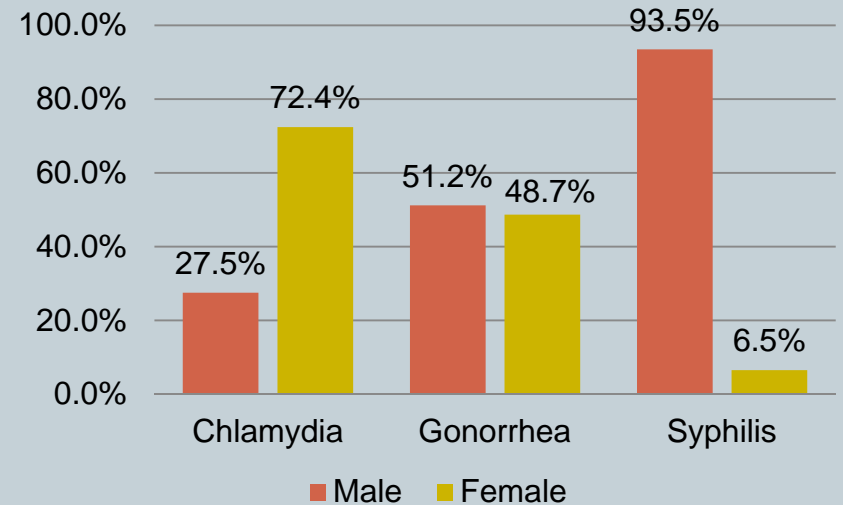
19

Percent of Cases by Race/Ethnicity



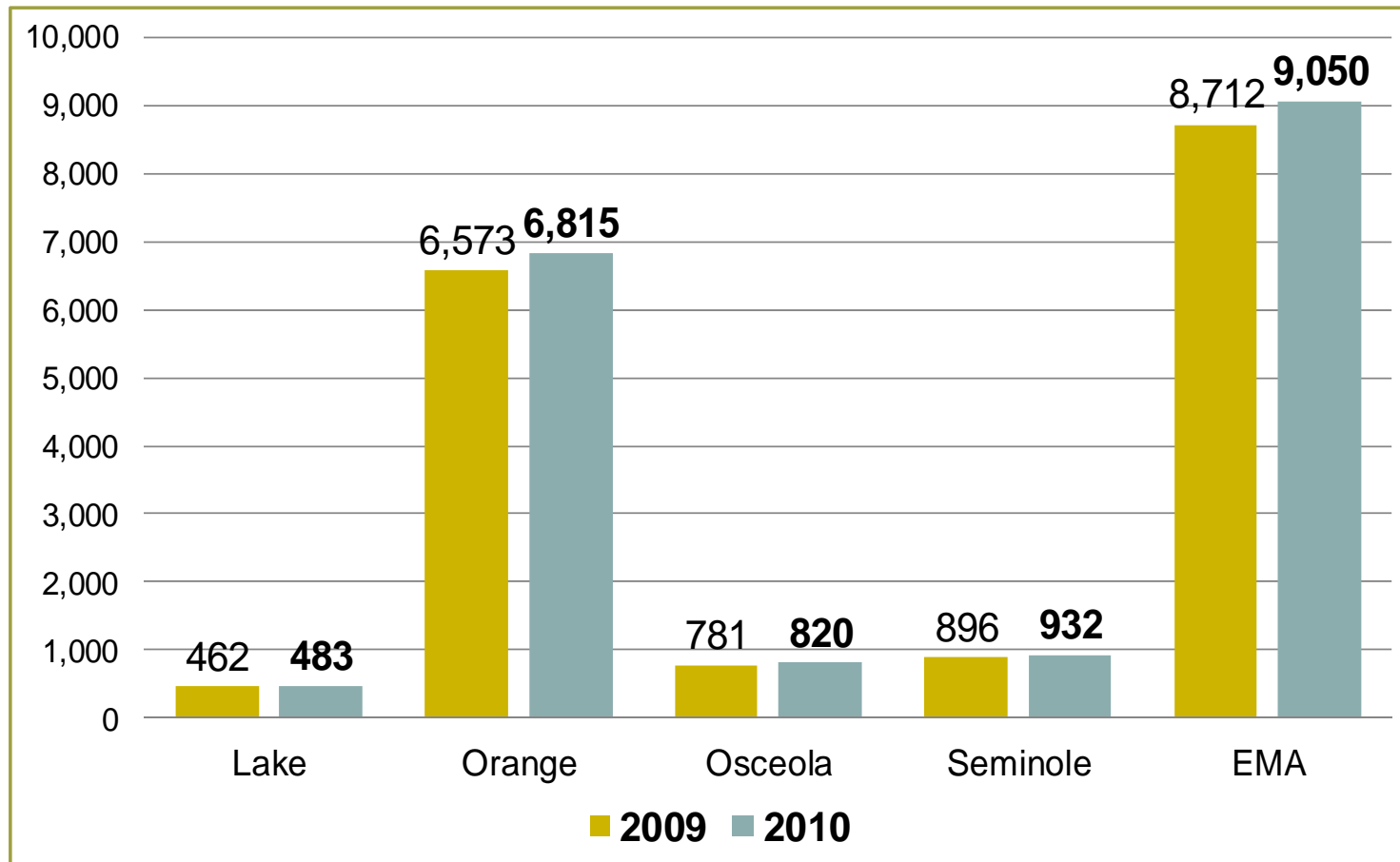
The Black population is disproportionately affected by chlamydia, gonorrhea and syphilis.

Percent of Cases by Gender



HIV/AIDS Case Prevalence by County

20



Source: Florida Department of Health, Bureau of HIV/AIDS

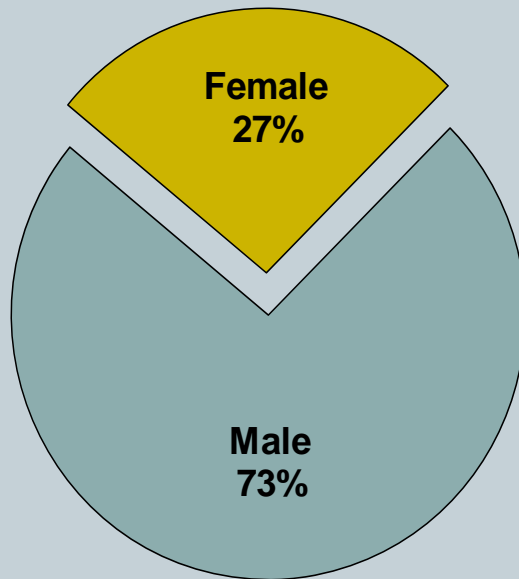
Can you define EMA?

HIV/AIDS Case Prevalence by Gender

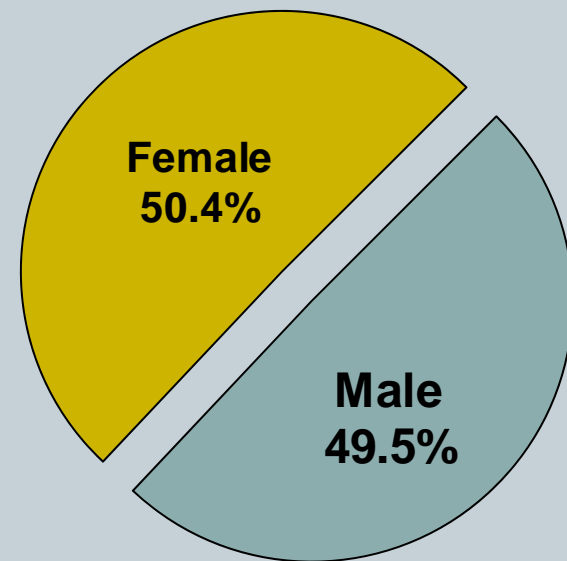
Orlando EMA

21

PLWHA by Gender, 2010



General Population, 2010

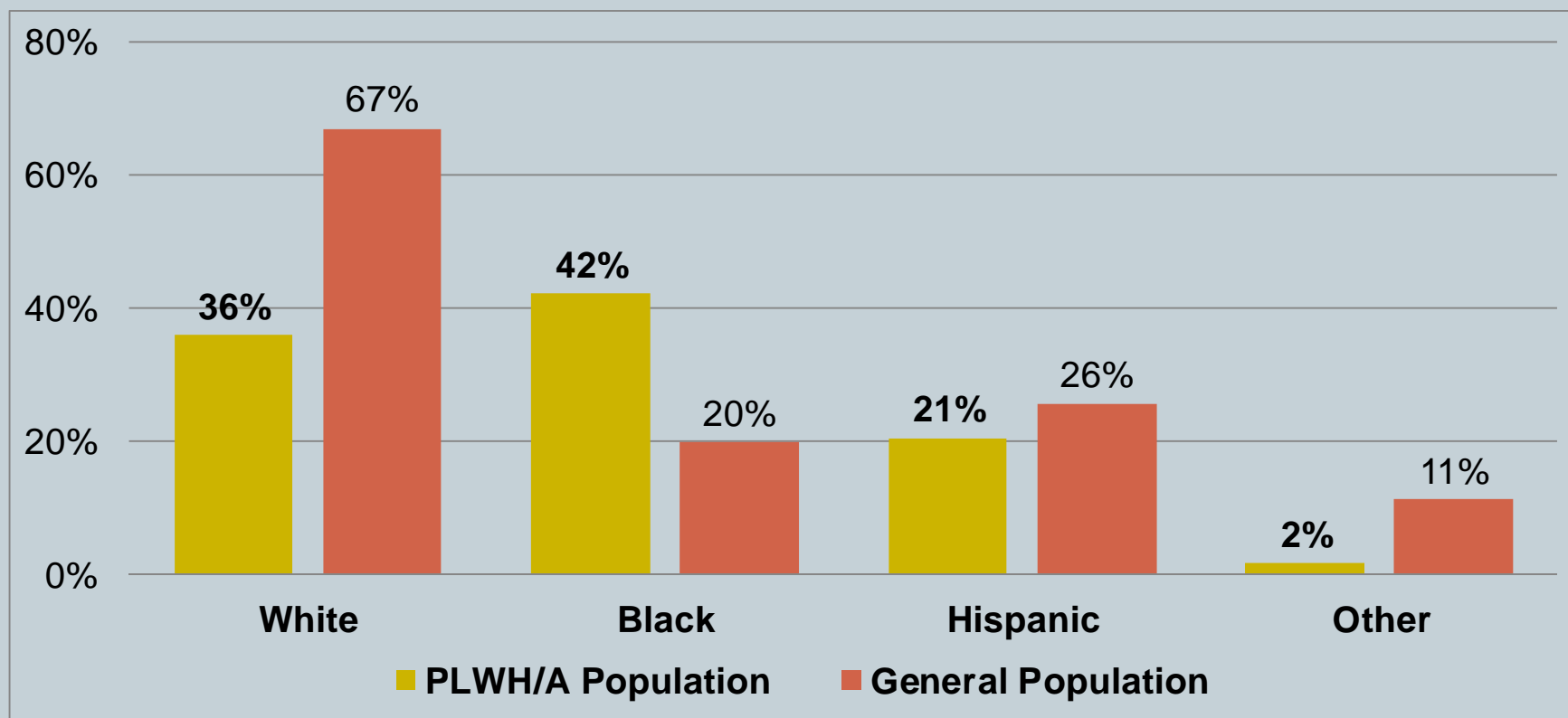


Source: Florida Department of Health, Bureau of HIV/AIDS

Orlando EMA- Lake, Orange, Osceola and Seminole counties

HIV/AIDS Case Prevalence by Race/Ethnicity

22

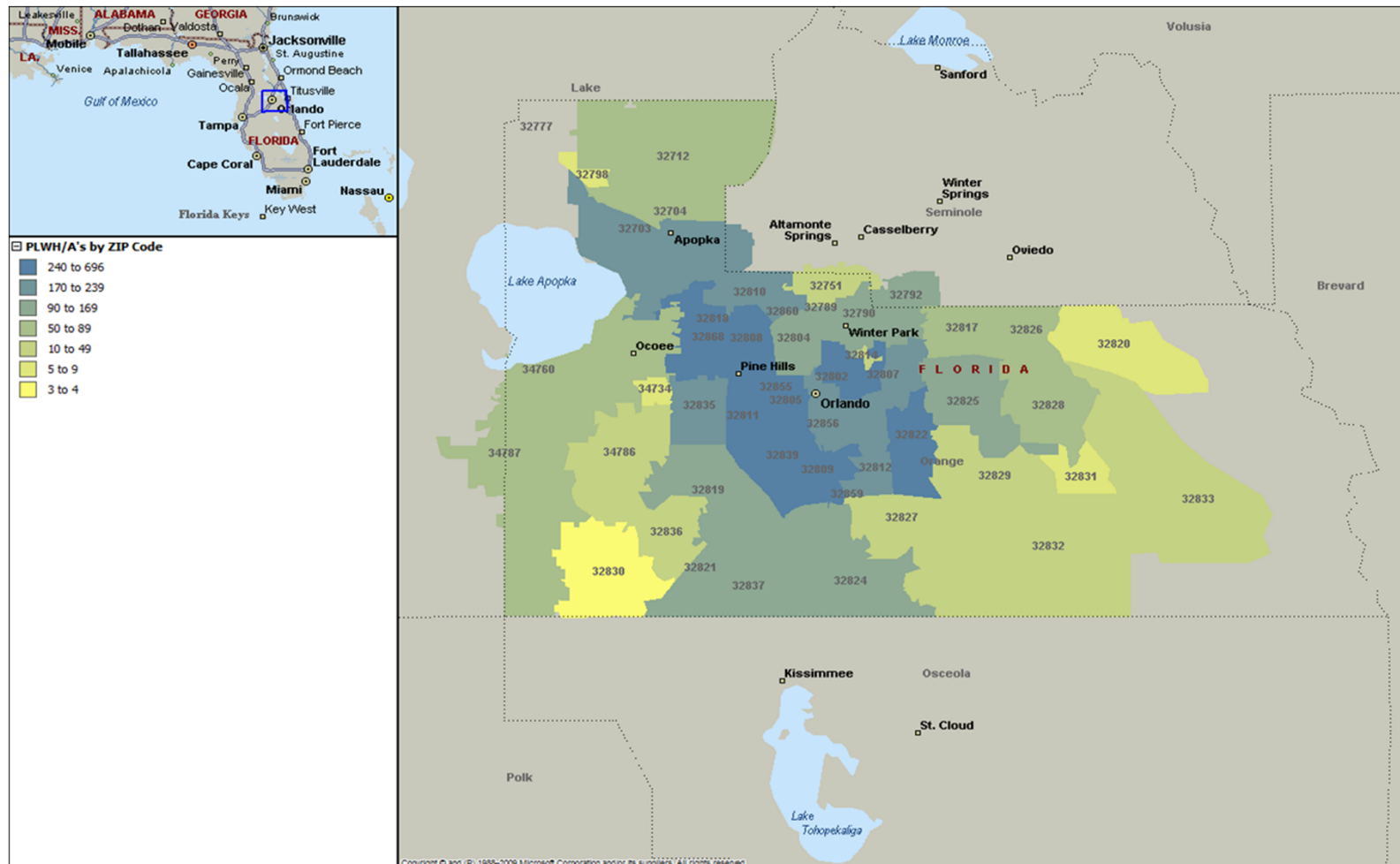


Source: Florida Department of Health, Bureau of HIV/AIDS

#'s don't add to 100% is that because some chose more than 1?

PLWHA by Zip Code - Orange County

23

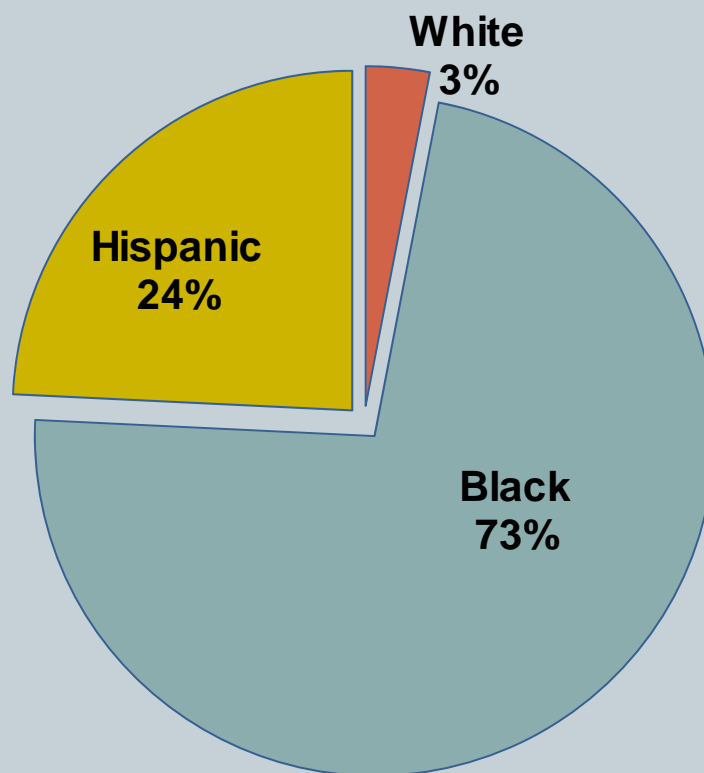


Source: Florida Department of Health, Bureau of HIV/AIDS Very difficult to read this chart

Pediatric HIV/AIDS Case Prevalence

Orlando EMA

24



Source: Florida Department of Health, Bureau of HIV/AIDS

Can you include the raw numbers as well?

Tuberculosis

25

Both the number of TB cases and the disease rate are decreasing. According to the CDC, tuberculosis is a leading cause of death for persons diagnosed with HIV. **This statement is different than the summary slide.**

Tuberculosis Rates
Per 100,000 population



According to **Healthy People 2020**, individual behavior also plays a role in health outcomes. Examples of individual determinants of health include:

- Diet
- Physical Activity
- Alcohol, cigarette and other drug use



Modifiable Risk Behaviors

Modifiable Risk Factor Summary

27

- ↑ Cigarette smoking in the Black population
(decreasing in White and Hispanic populations)
- ↑ Binge drinking in the Black population (same as above)
- ↓ Alcohol consumption among middle school students
- ↑ Marijuana use among high school students
- ↓ Percentage of Hispanic adults who are overweight
(increasing in White and Black populations)
- ↑ Percentage of adults who are obese
- ↓ Obesity among middle and high school students

Modifiable Risk Factor Summary

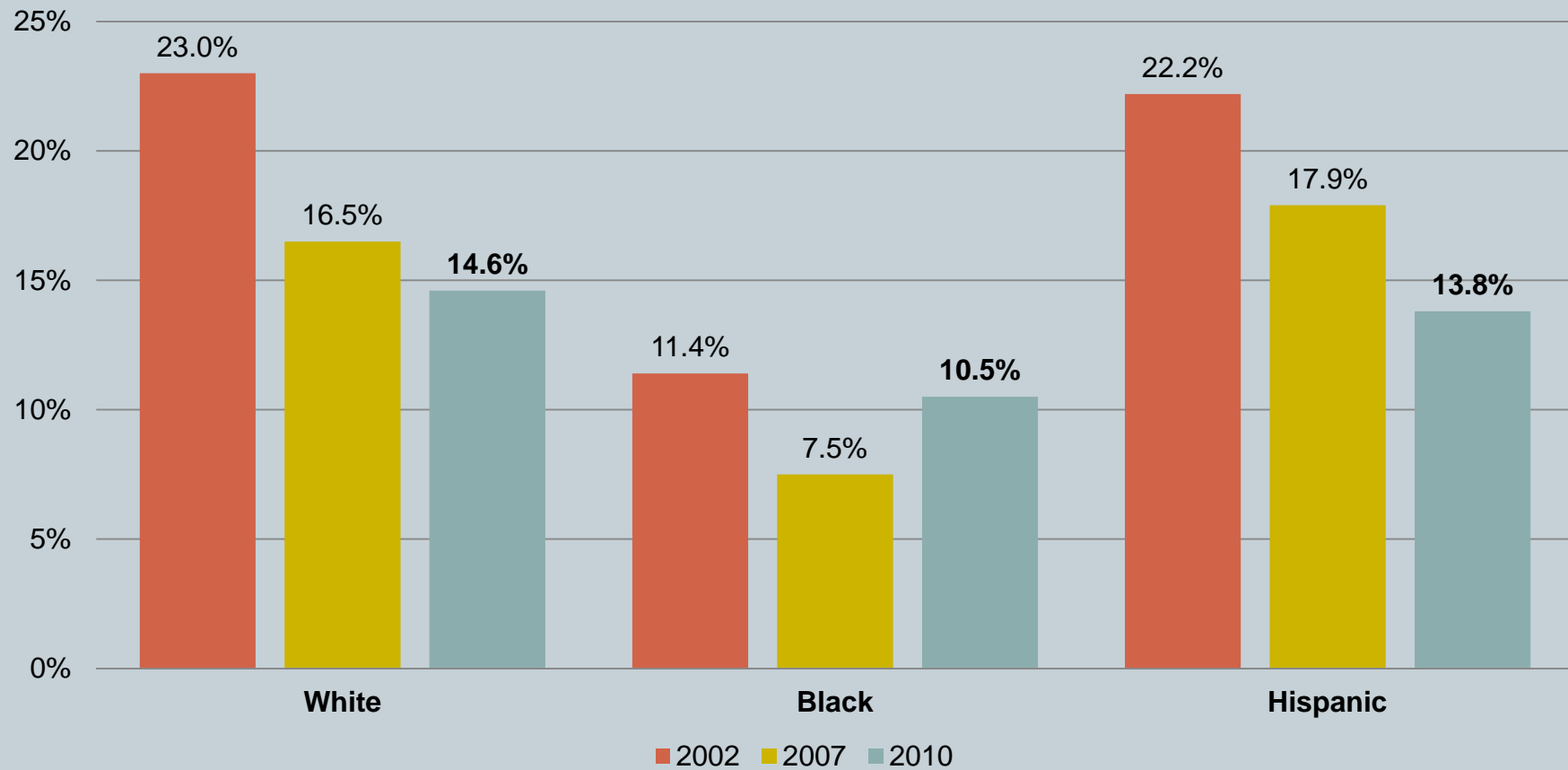
28

- ↑ Percentage of Hispanic adults engaged in moderate PA
(decreased in 2007 for White and Black populations)
- ↑ Consumption of daily fruits and vegetables for all
- ↓ Mammogram and PAP screening tests
- ↑ PSA and Colonoscopy screening tests
- ↑ Hypertension and Blood Cholesterol levels

Cigarette Smoking

29

Adults Who are Current Smokers

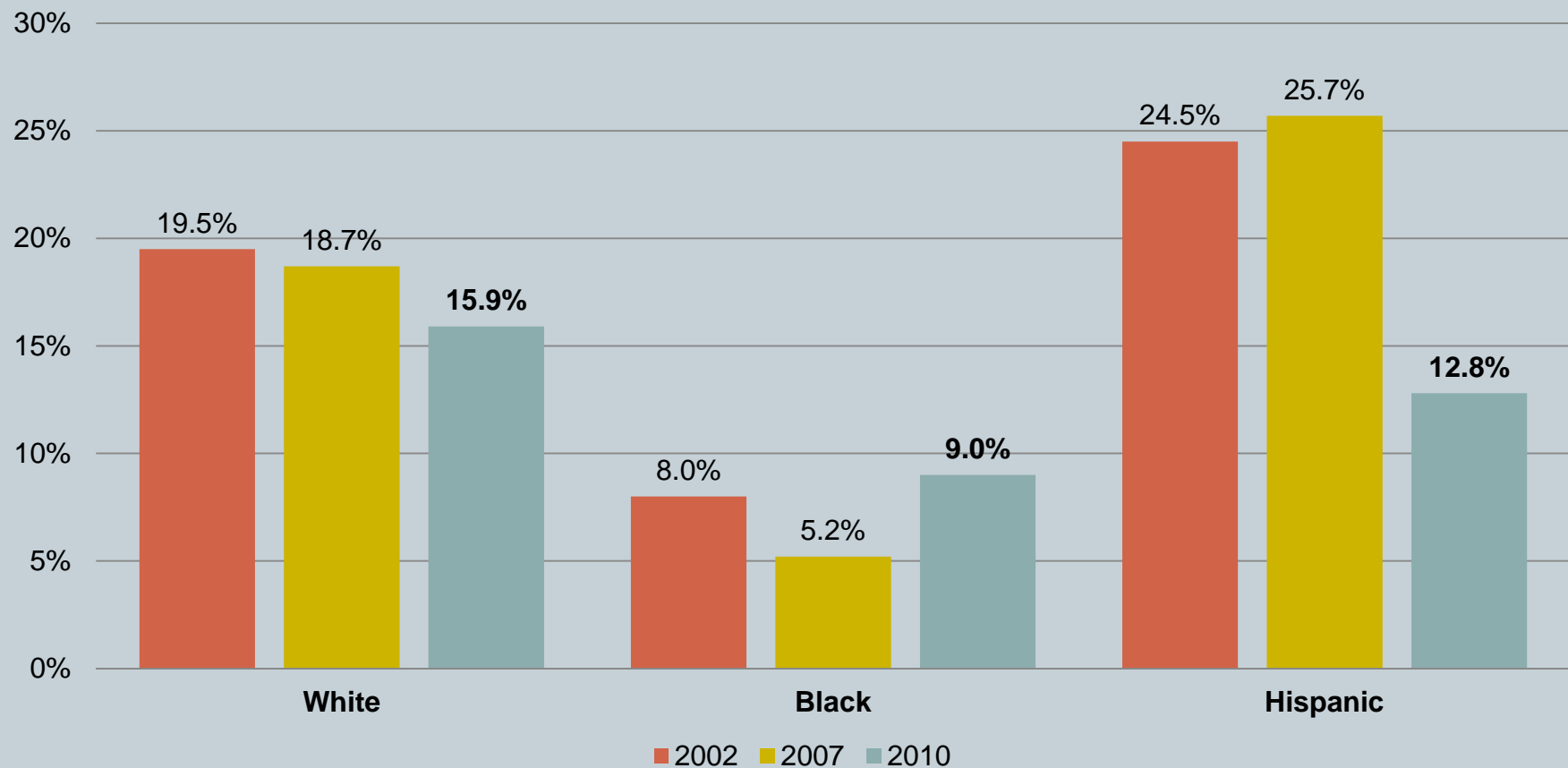


Source: Behavioral Risk Factor Surveillance Study (BRFSS)

Alcohol Consumption

30

Percentage of Adults Who Engage in Heavy or Binge Drinking

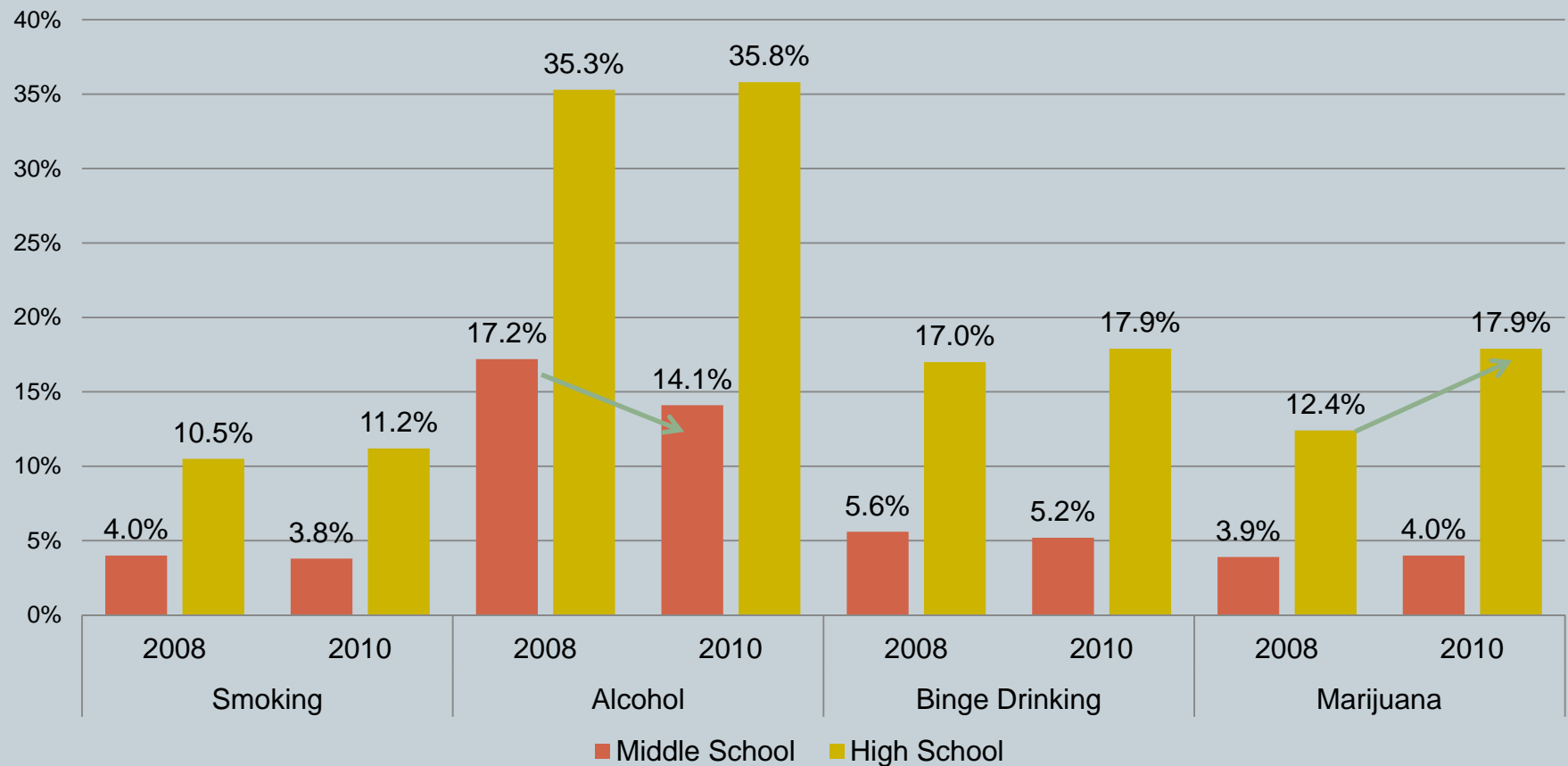


Source: Behavioral Risk Factor Surveillance Study (BRFSS)

Child and Adolescent Health

31

Modifiable Risk Behaviors

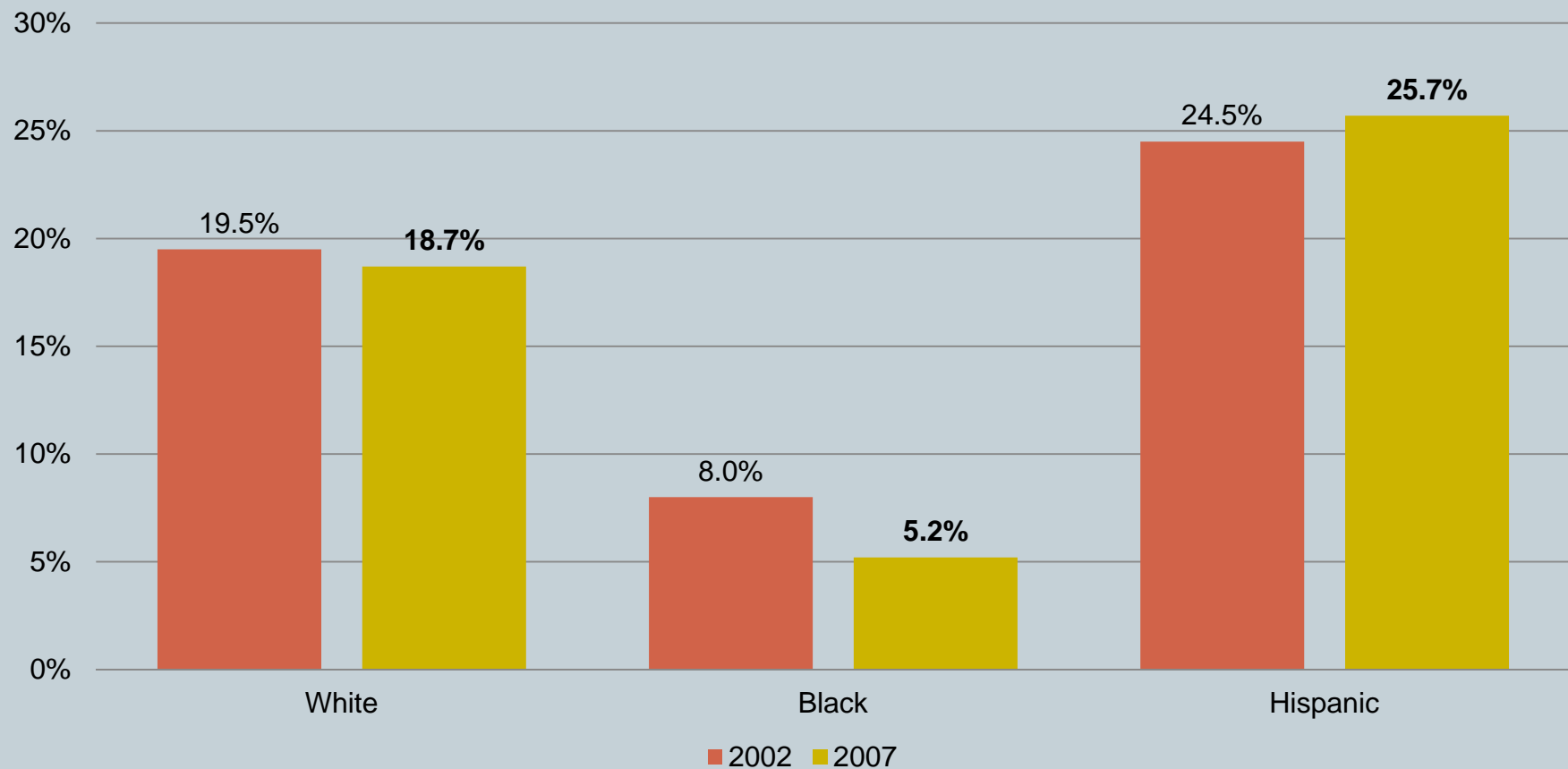


Source: 2006 PRC Child and Adolescent Health Survey

Physical Activity

32

Percentage of Adults Who Meet Moderate Physical Activity Recommendations

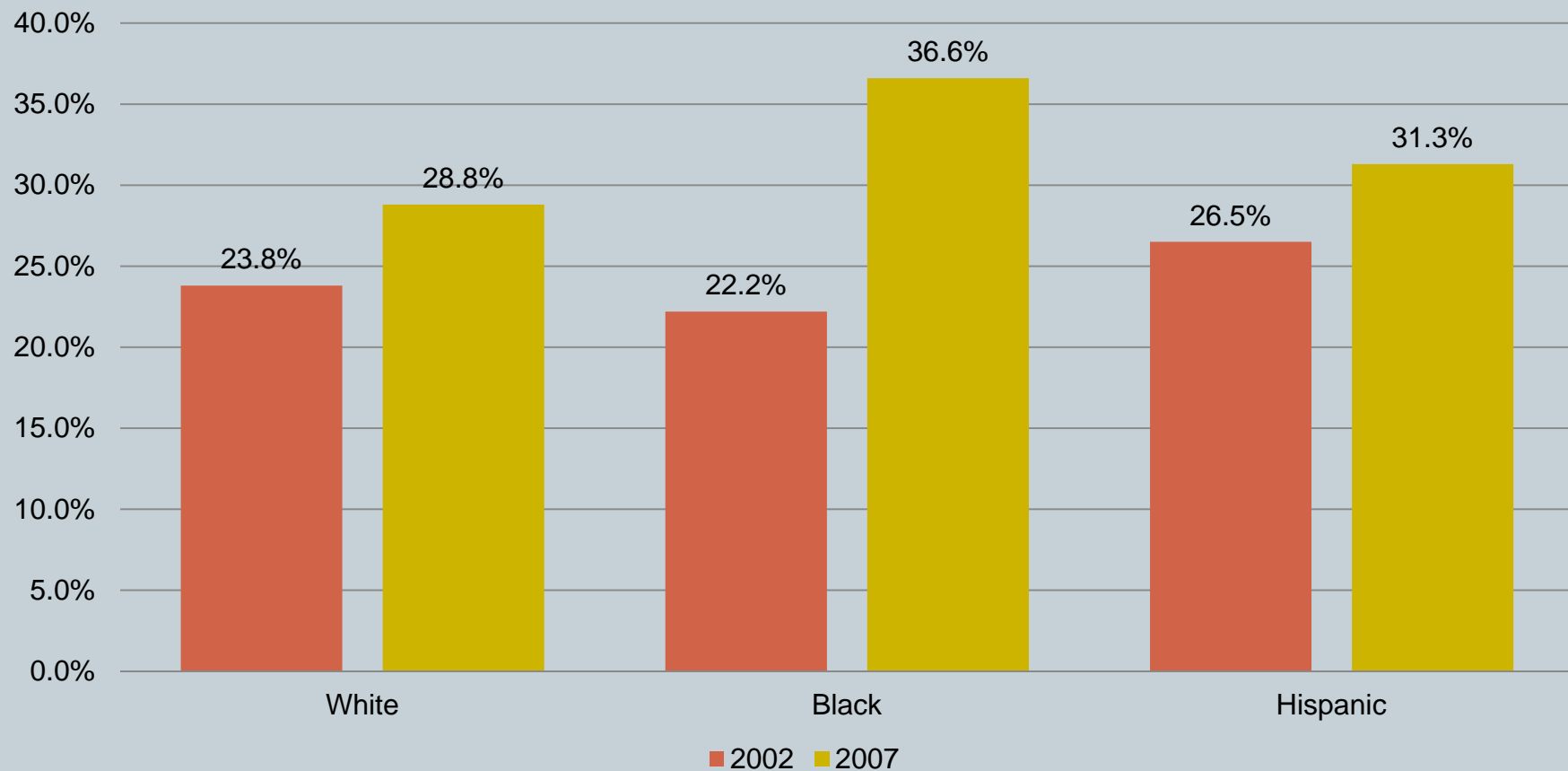


Source: Behavioral Risk Factor Surveillance Study (BRFSS)

Healthy Eating

33

Adults Who Consume Five Fruits and Vegetables a Day

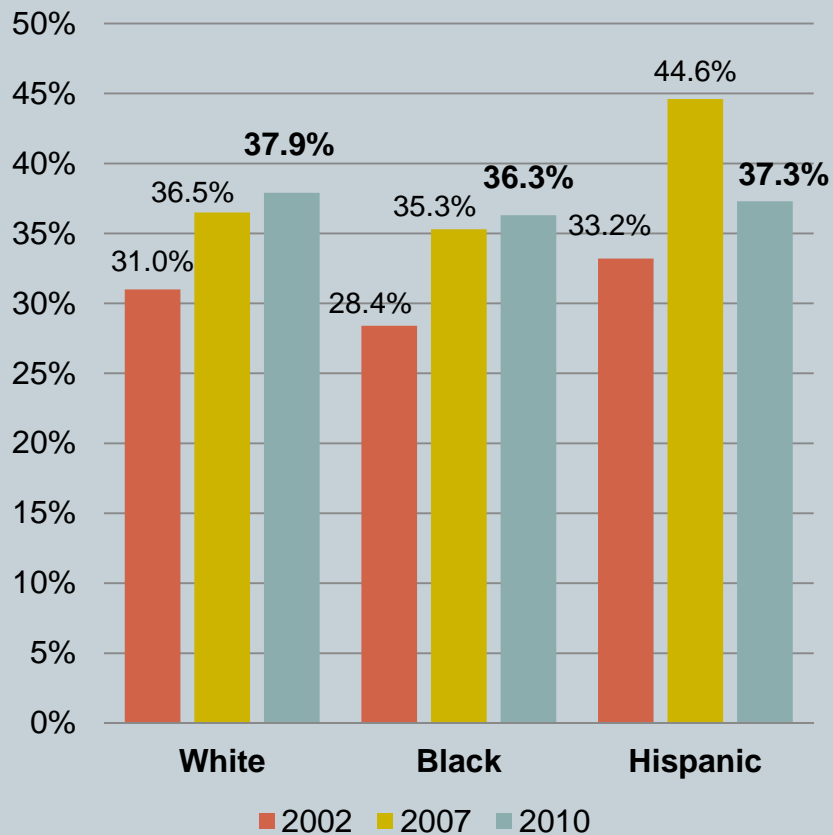


Source: Behavioral Risk Factor Surveillance Study (BRFSS)

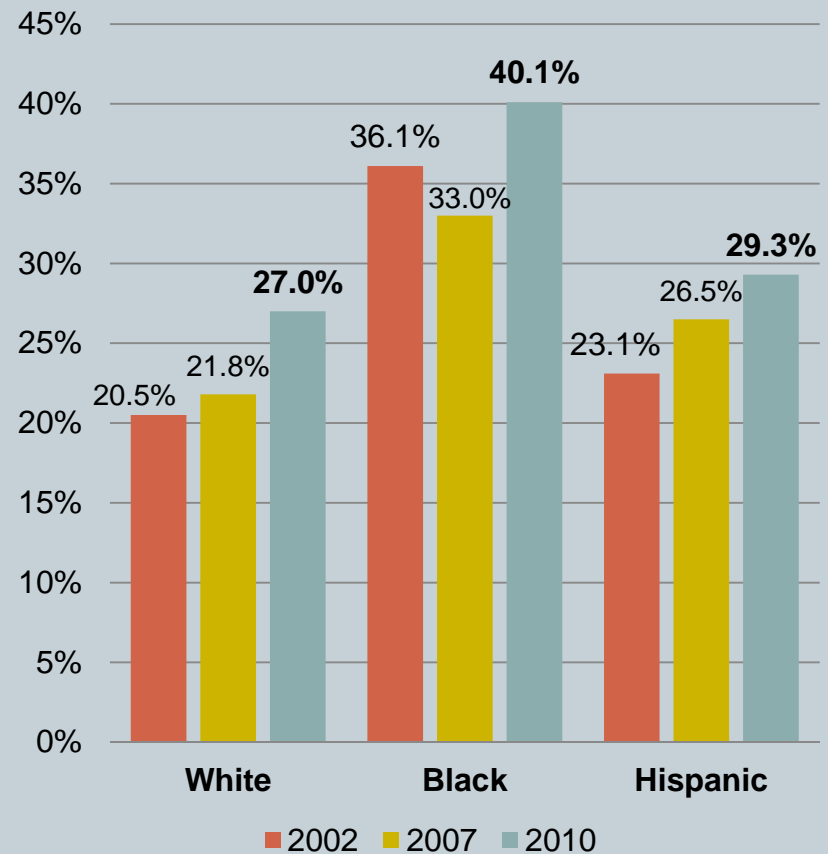
Weight Status

34

Percentage of Adults Who are Overweight



Percentage of Adults Who are Obese



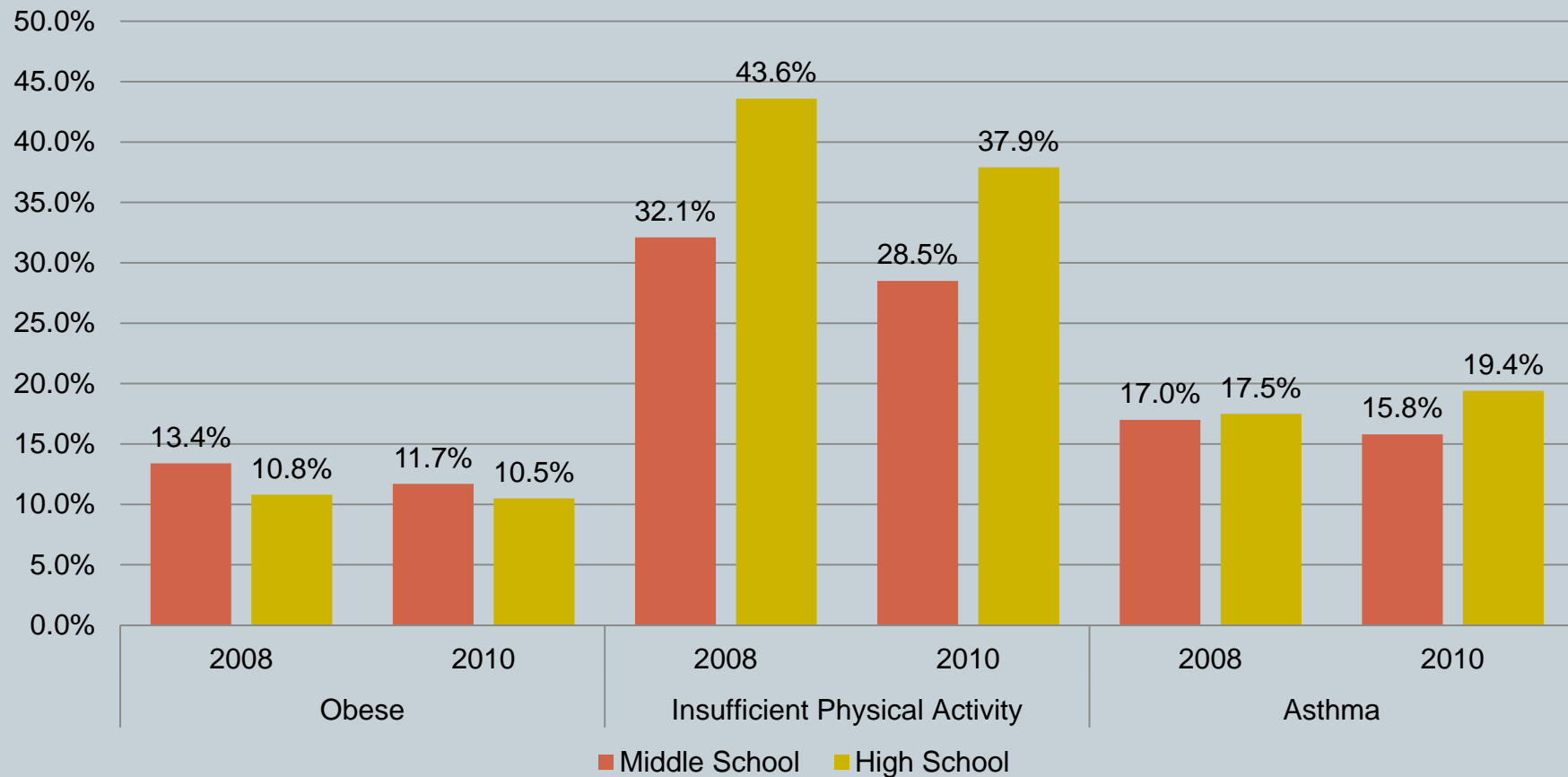
Source: Behavioral Risk Factor Surveillance Study (BRFSS)

Define difference between overweight and obese.

Child and Adolescent Health Status

35

Child and Adolescent Health Status

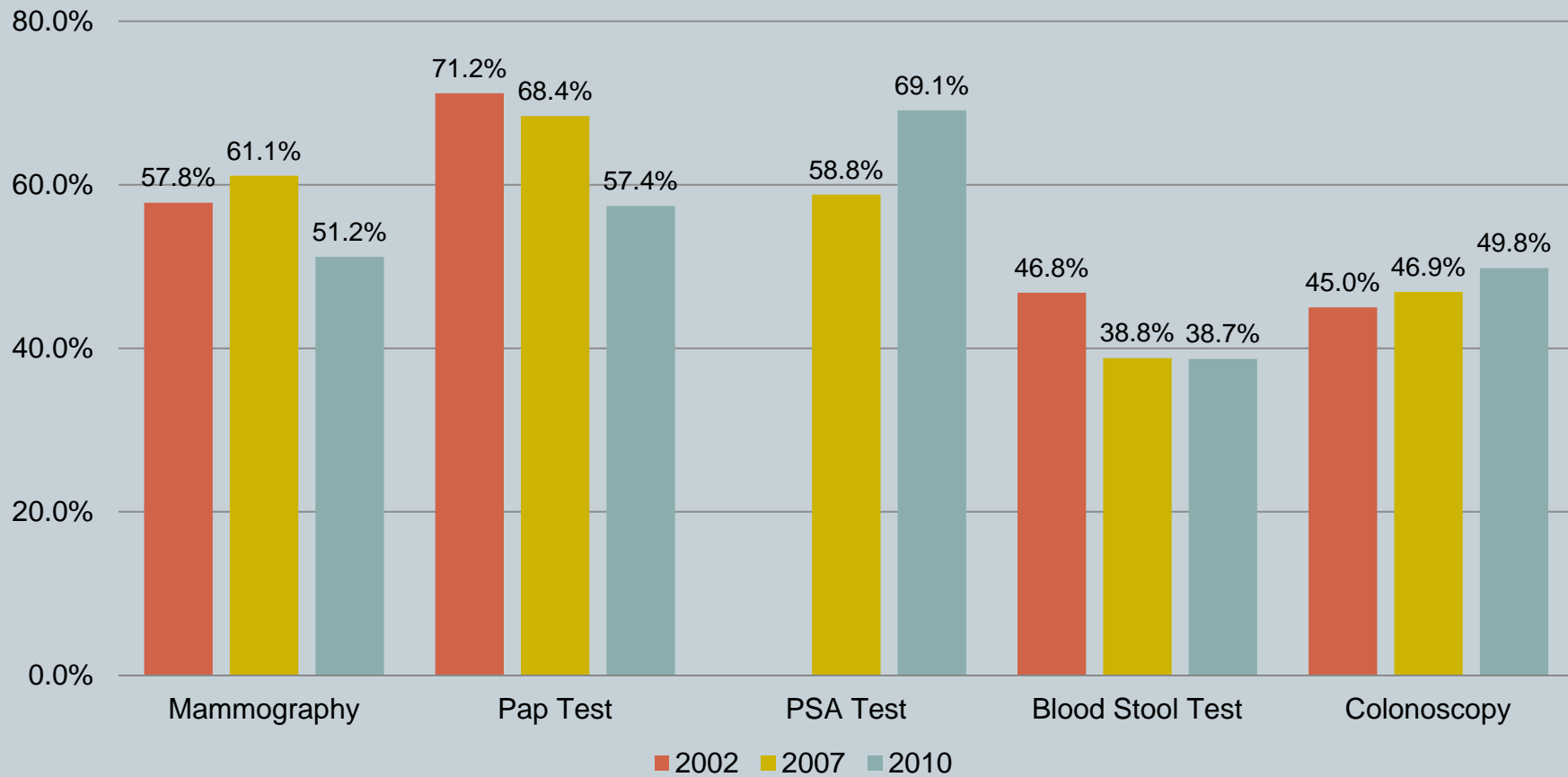


Source: Florida CHARTS (Florida Youth Tobacco Survey (FYTS)).

Health Screening Trends

36

Adult Health Screening Trends

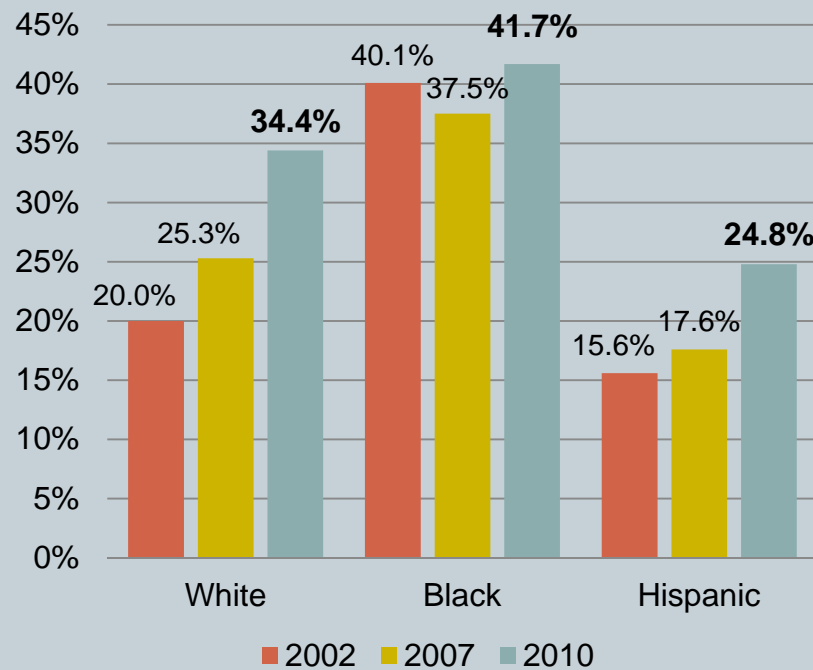


Source: Behavioral Risk Factor Surveillance Study (BRFSS)

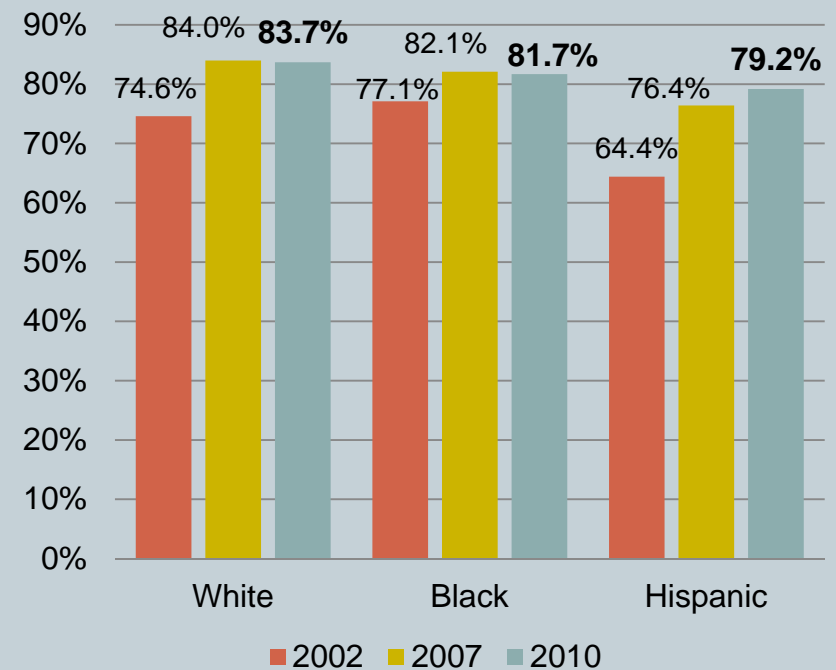
Risk Factors

37

Percentage of Adults with Diagnosed Hypertension



Adults with Hypertension Who Currently Take High Blood Pressure Medicine

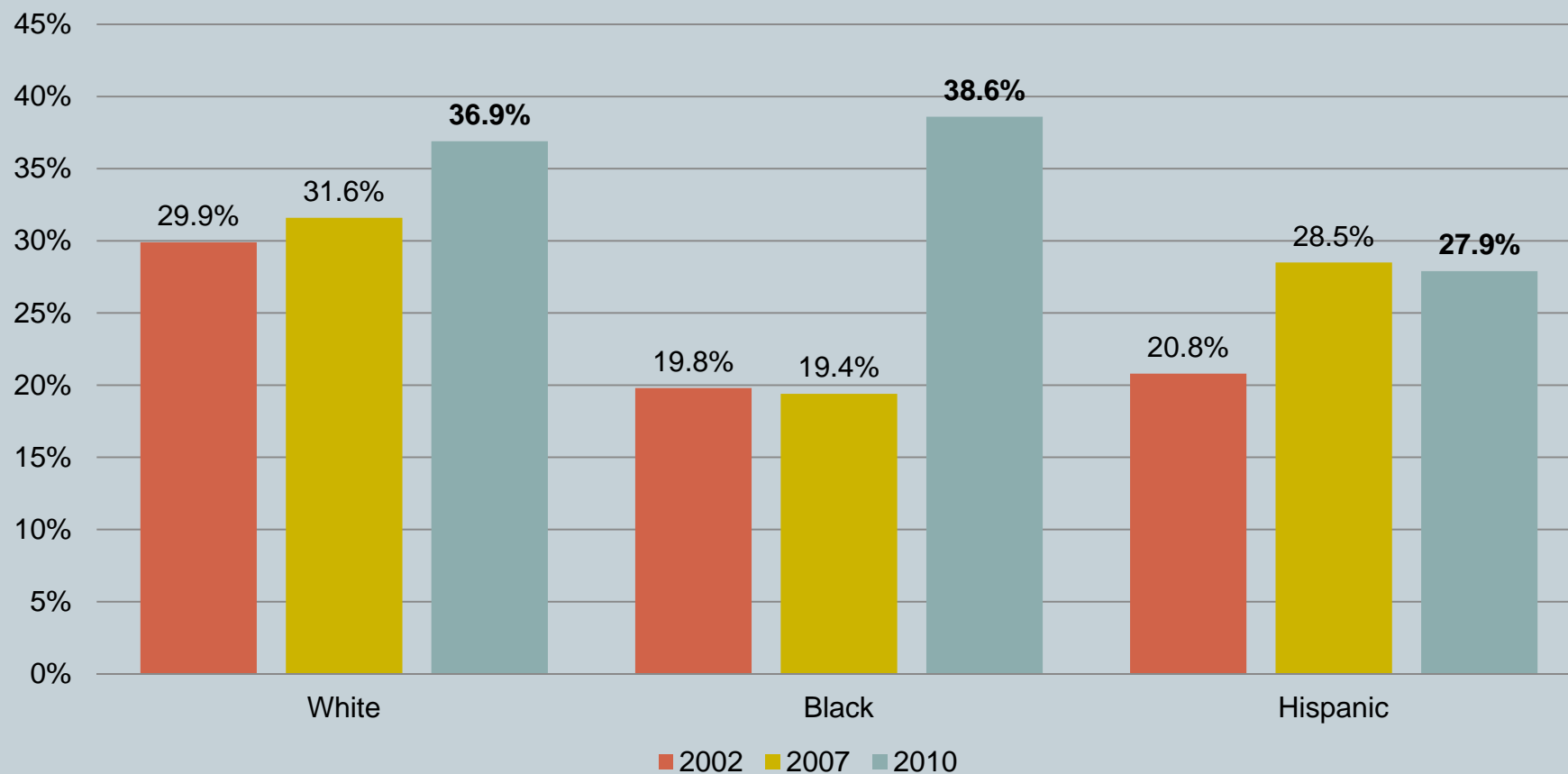


Source: Behavioral Risk Factor Surveillance Study (BRFSS)

Risk Factor

38

Percentage of Adults with Diagnosed High Blood Cholesterol



Source: Behavioral Risk Factor Surveillance Study (BRFSS)

Healthy People 2020 states, “Improving the well-being of mothers, infants, and children is an important public health goal for the United States. Their well-being determines the health of the next generation and can help predict future public health challenges for families, communities, and the health care system. Pregnancy can provide an opportunity to identify existing health risks in women and to prevent future health problems for women and their children.”



Maternal and Child Health

Maternal Child Health Summary

40

↑ Low birth weight among Black babies

↑ Infant mortality

↑ Neonatal mortality

No increase in 1st trimester prenatal care rates

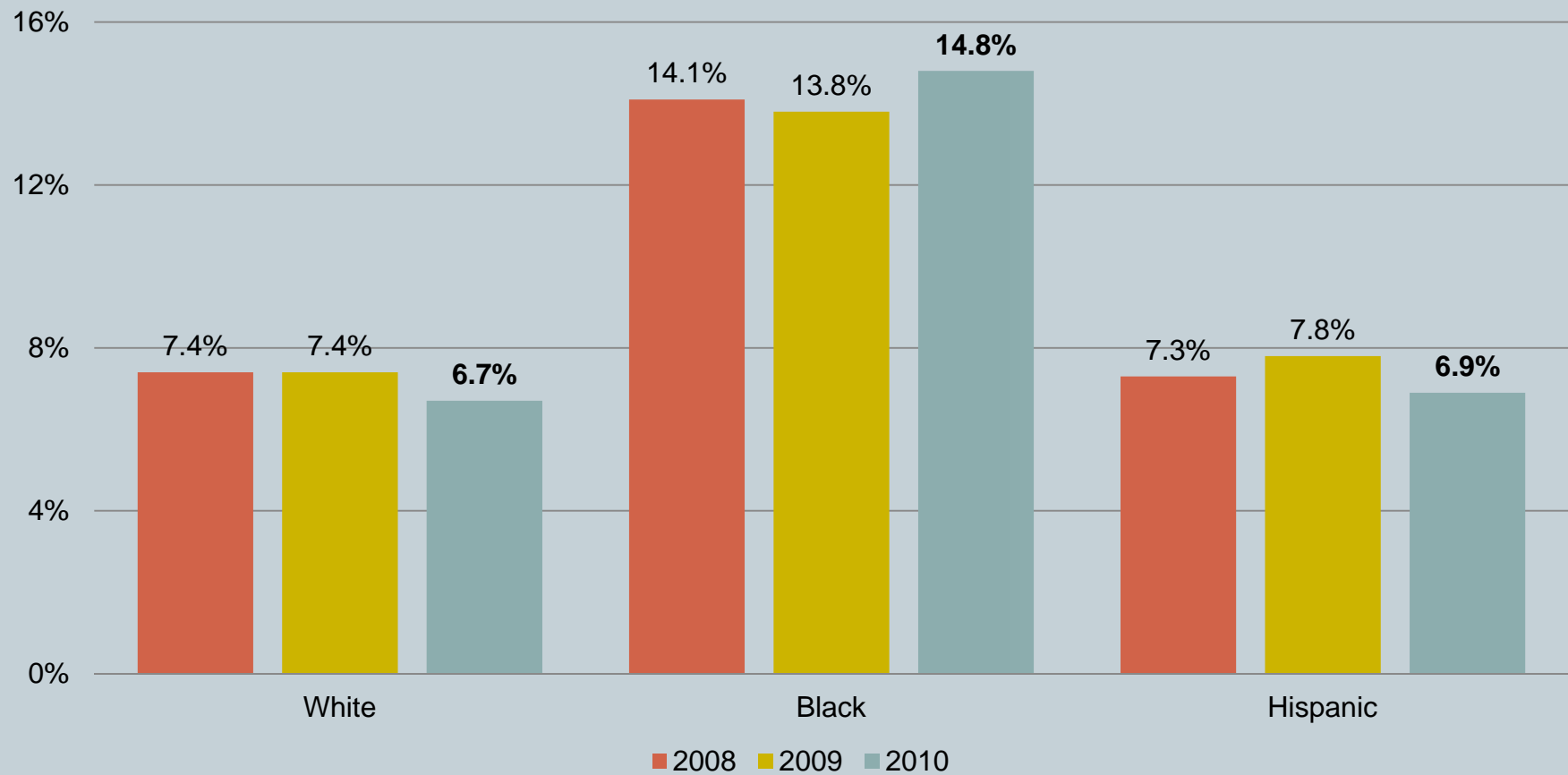
↓ Teen births for all populations

↑ Breastfeeding initiation

Low Birth Weight

41

Percentage of Low Birth Weight

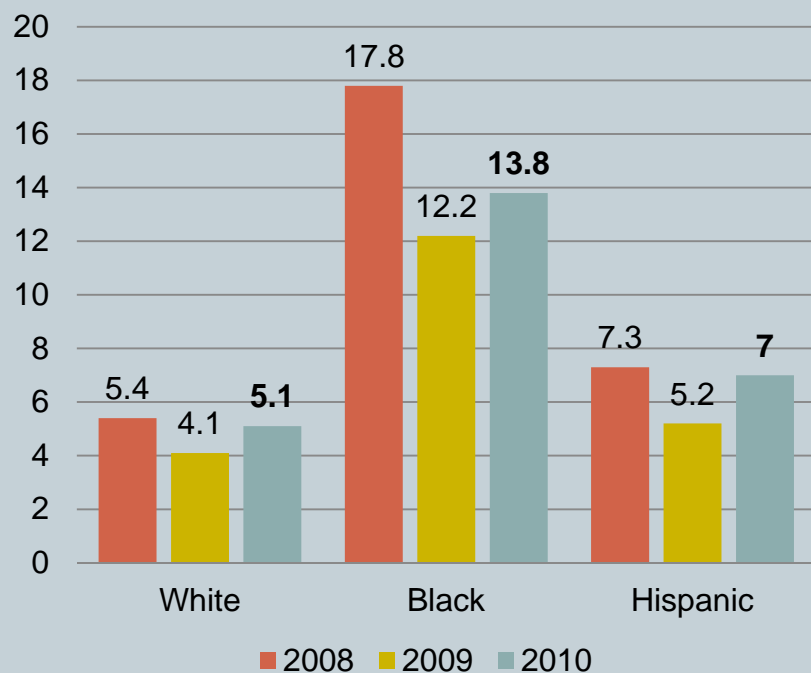


Source: Florida CHARTS

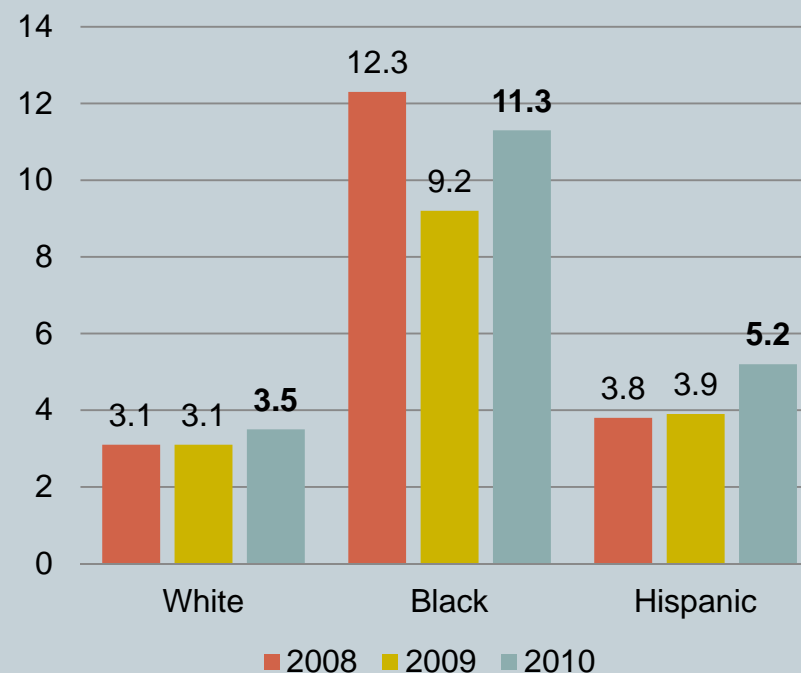
Mortality Rates

42

Infant Mortality Rate
Rate per 1,000 Live Births



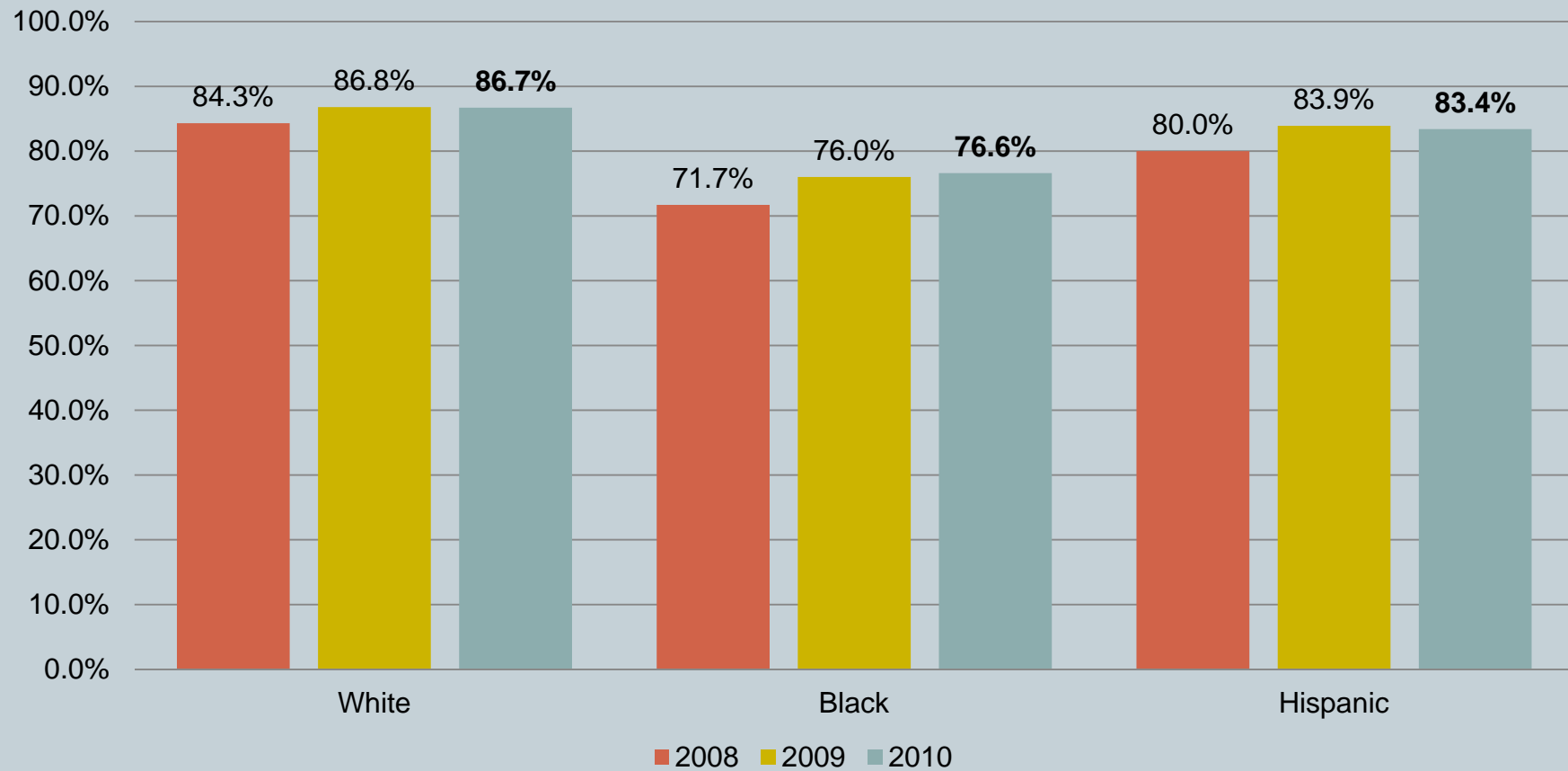
Neonatal Mortality Rates
Rate per 1,000 Live Births



Prenatal Care

43

Percentage of Births to Mothers with 1st Trimester Prenatal Care

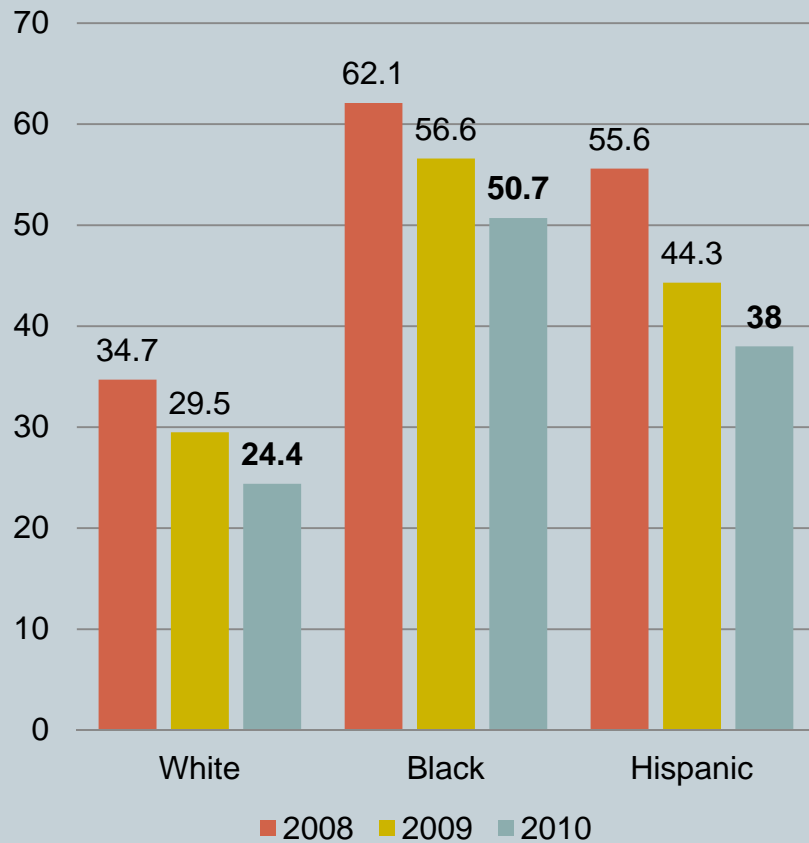


Source: Florida CHARTS

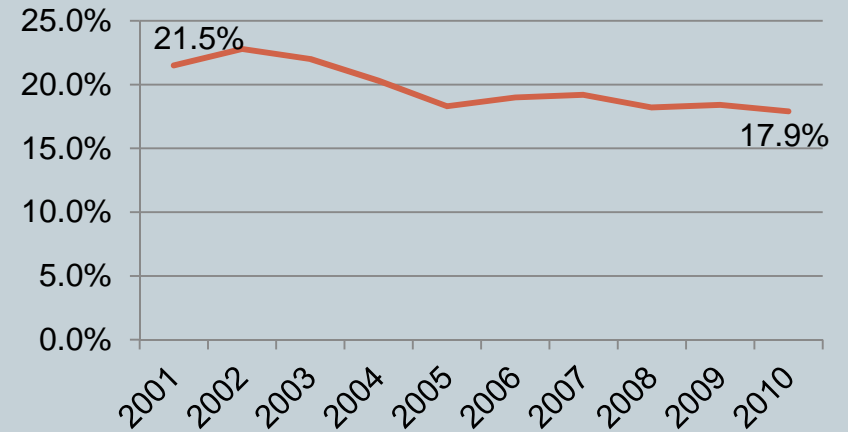
Teen Births

44

Teen Birth Rates
Rate per 1,000 Live Births



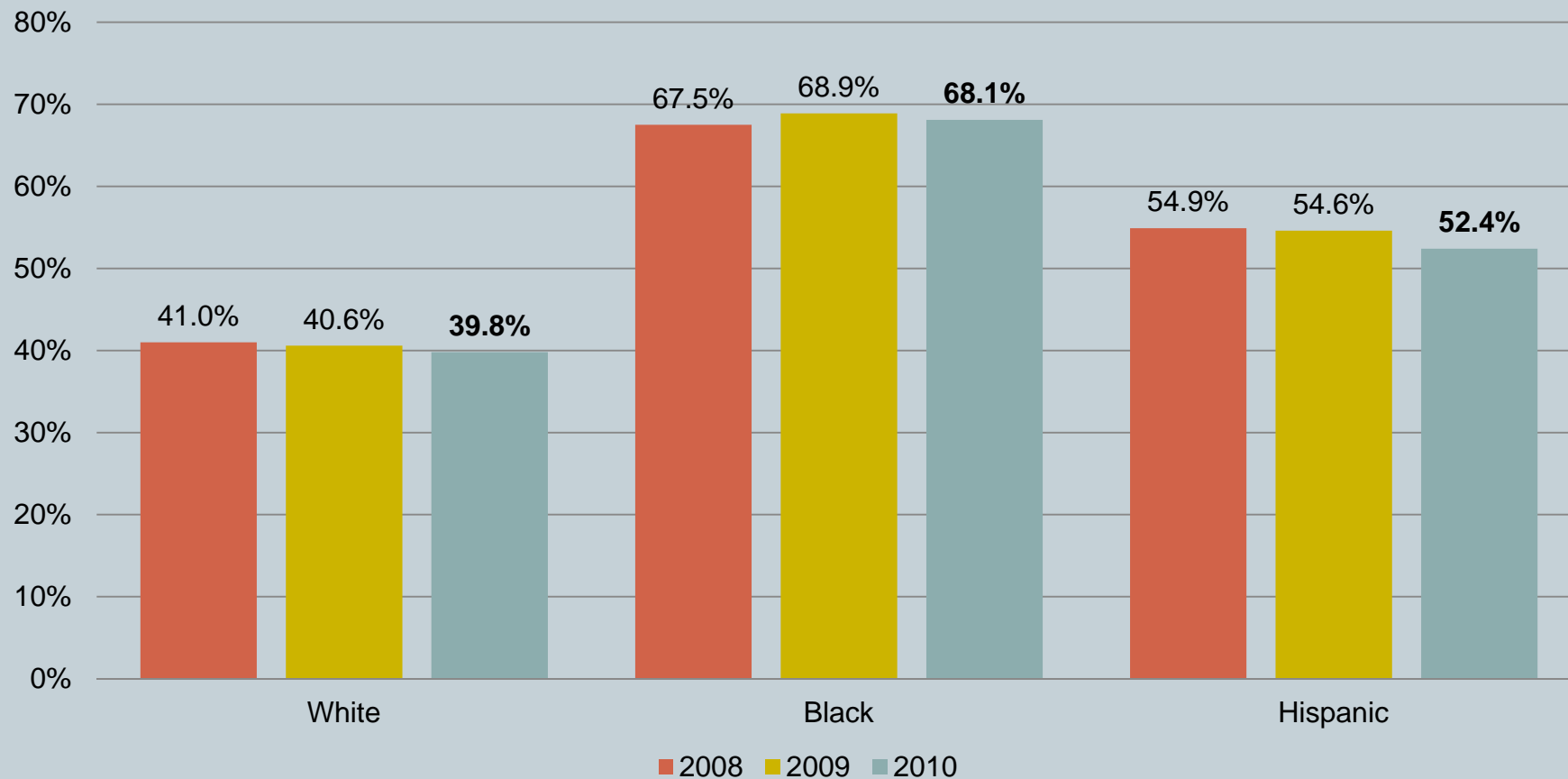
**Percentage of Repeat Births to Mothers
Ages 15-19**



Births to Unwed Mothers

45

Percentages of Births to Unwed Mothers



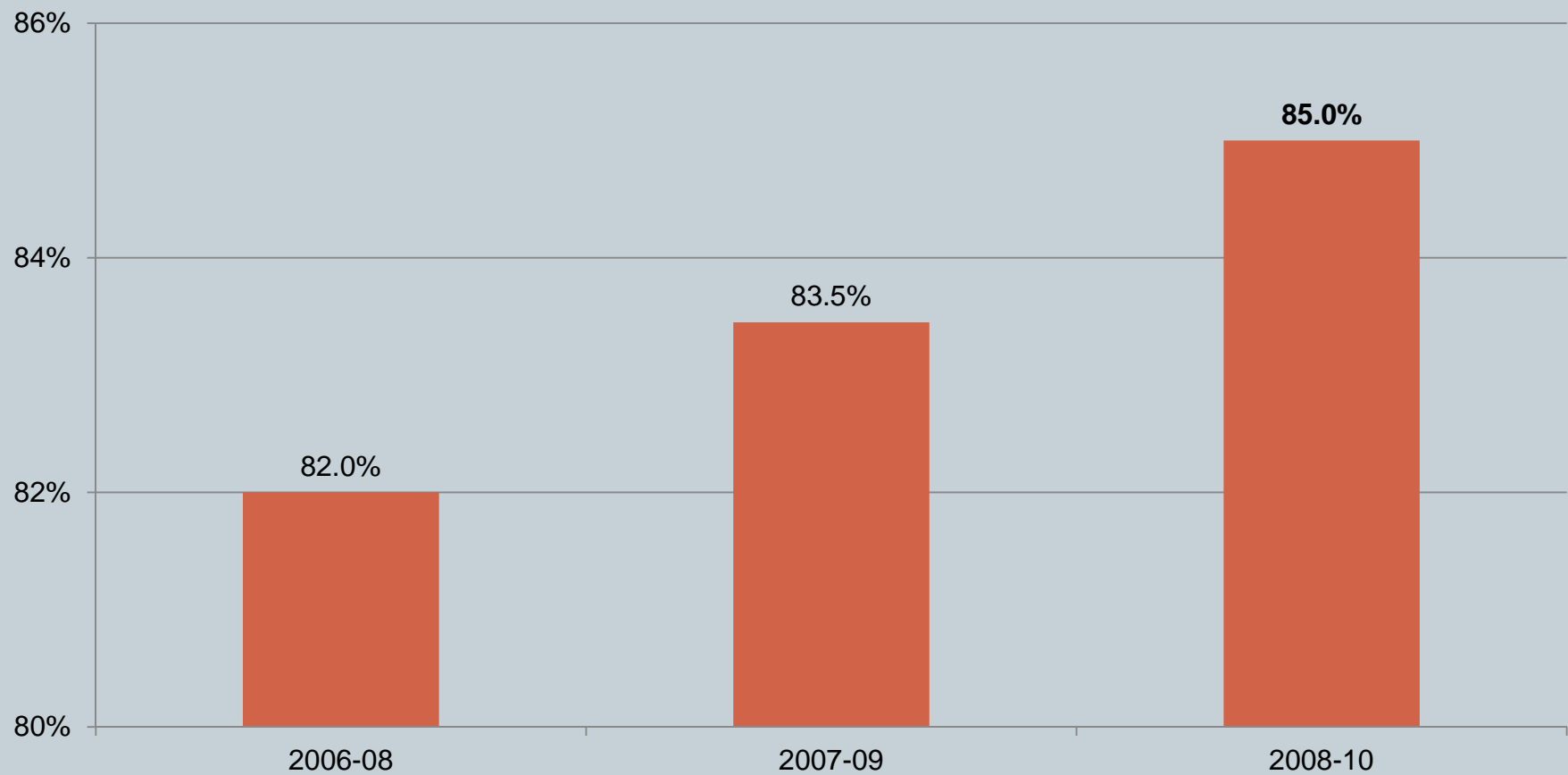
Source: Florida CHARTS

Is this for all age ranges?

Breastfeeding

46

Percent of Mothers Who Initiated Breastfeeding



Source: Florida CHARTS

Healthy People 2020 states, “Our health is also determined in part by access to social and economic opportunities. The conditions in which we live explain in part why some Americans are healthier than others and why Americans more generally are not as healthy as they could be.”



Social Determinants of Health

Social Determinants of Health Summary

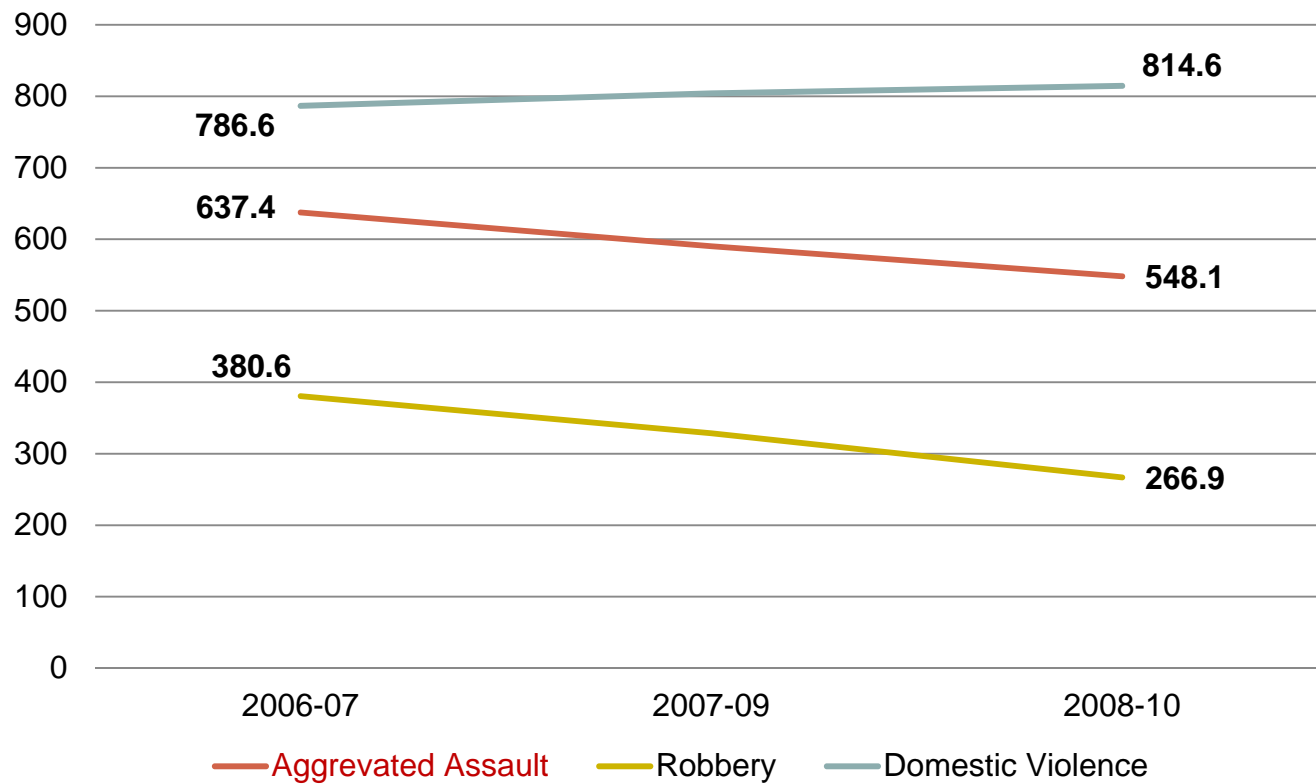
48

- ↑ Domestic violence and child abuse
 - ↑ Poverty and unemployment
 - ↓ Median household income and per capita income
 - ↑ Percentage of foreclosed units in Orange County
(higher in Orange than state and nation)
- 67.2% residents **live** reporting living in safe neighborhoods
- 87.8% residents reported having street lights and sidewalks

Violent Crimes

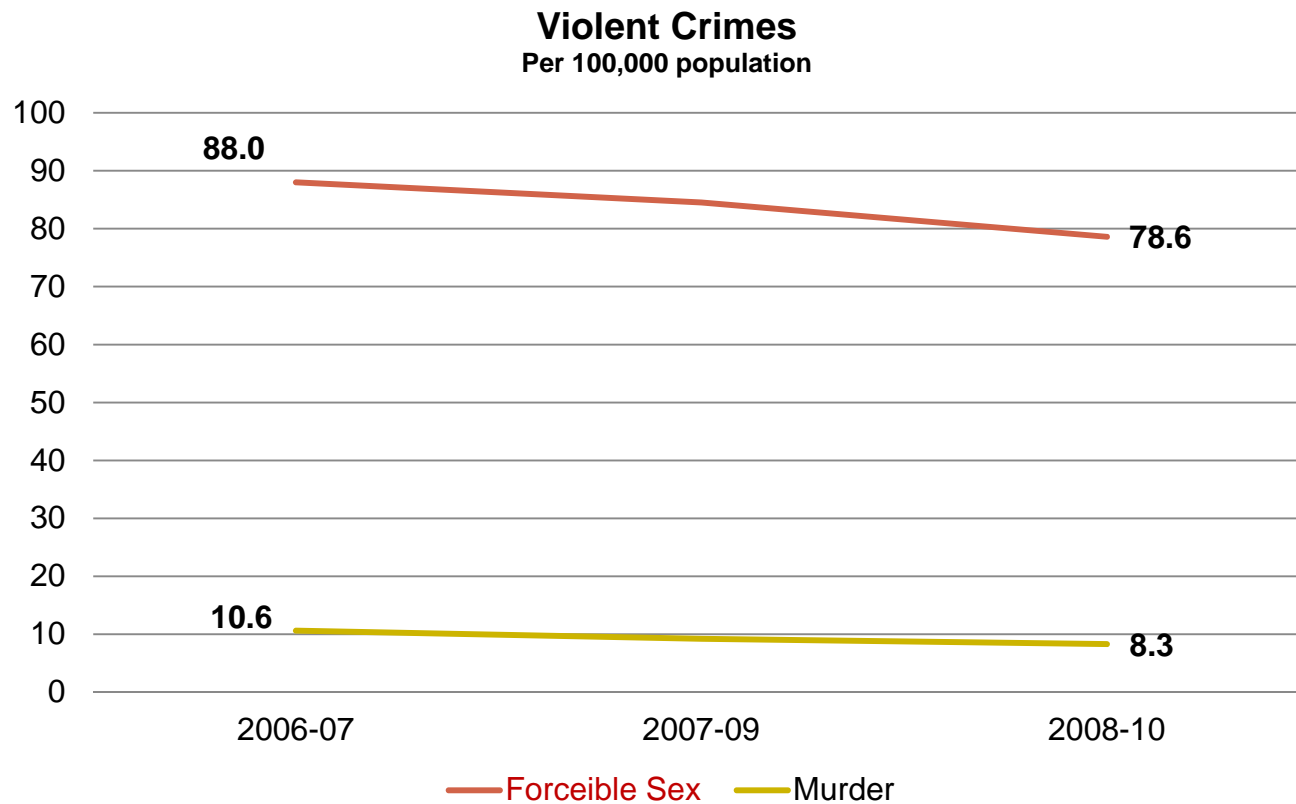
49

Violent Crimes
Per 100,000 population



Violent Crimes

50

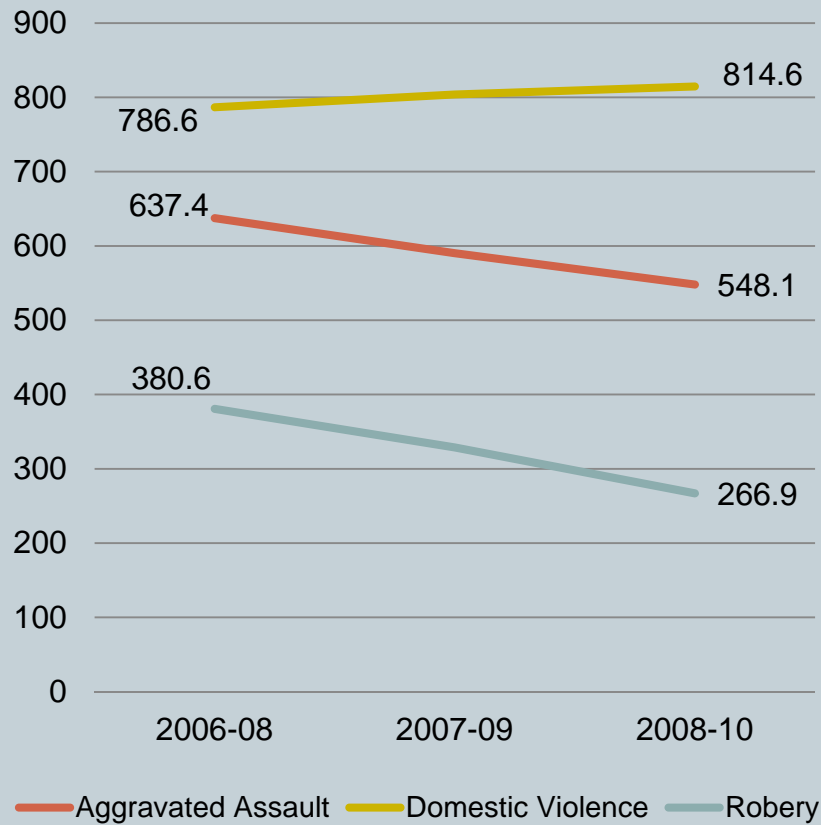


Crime

51

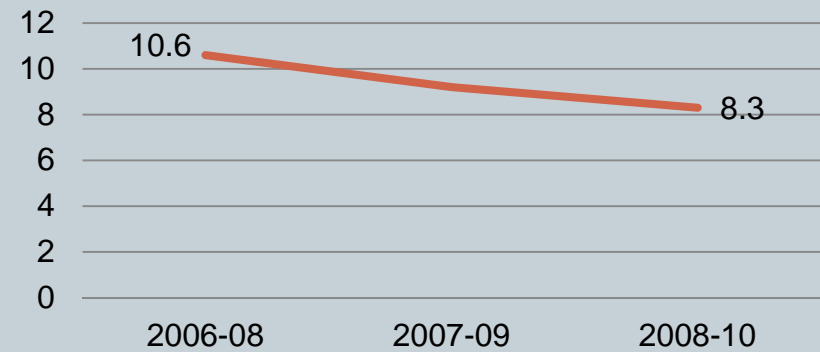
Violent Crime

Per 100,000 population



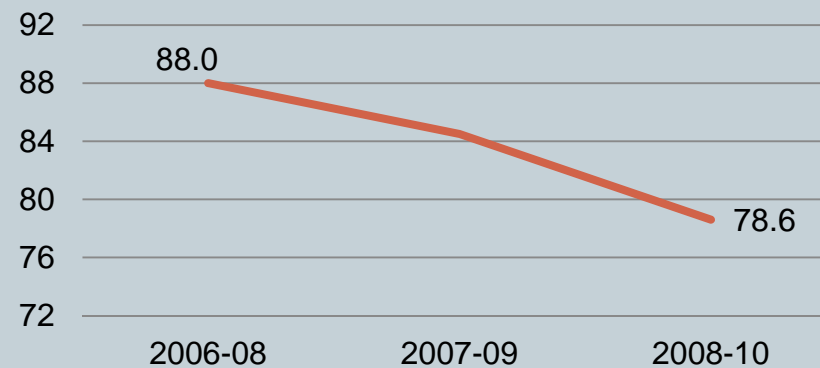
Murder

Per 100,000 population



Forcible Sex

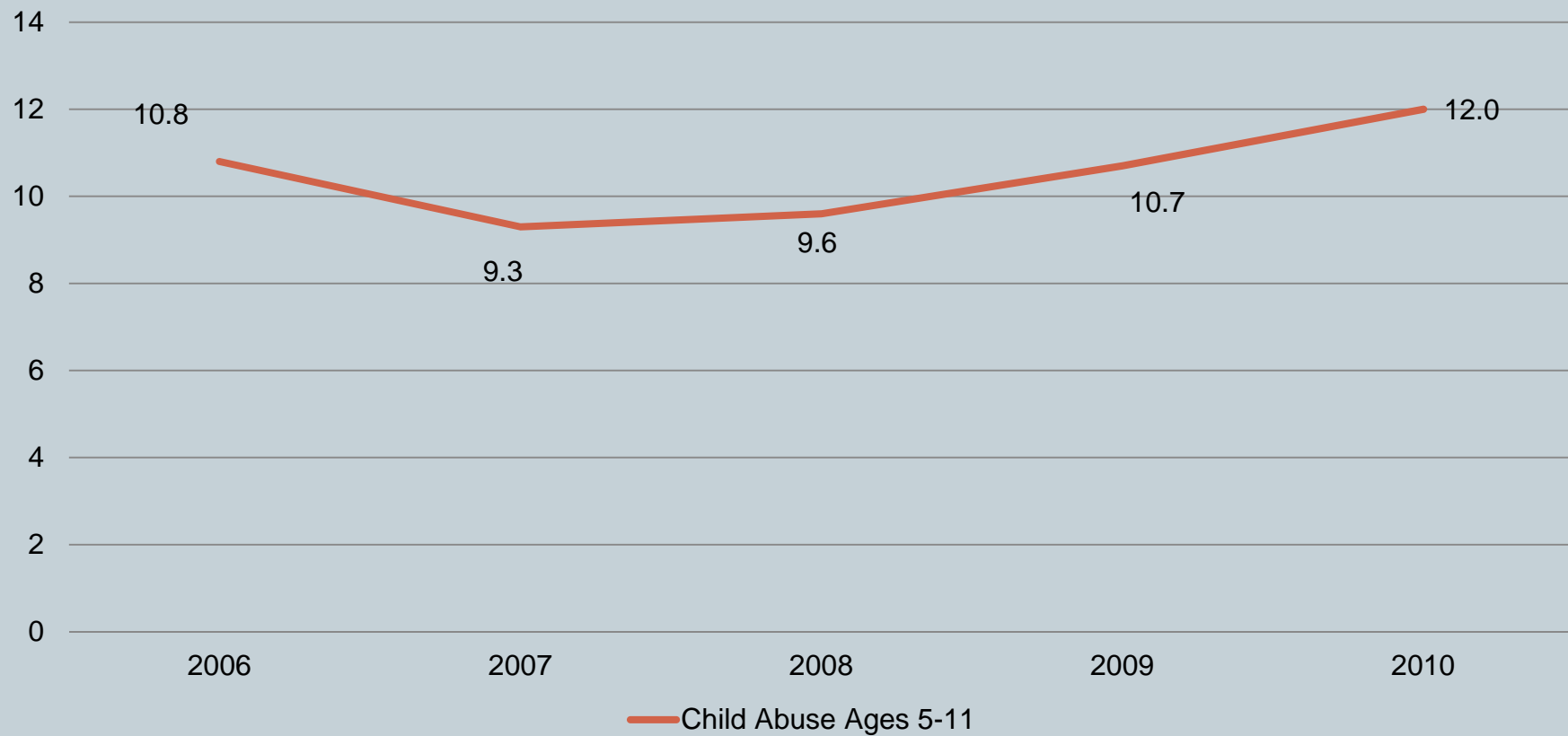
Per 100,000 population



Child Abuse

52

Children Experiencing Child Abuse Per 1,000 population

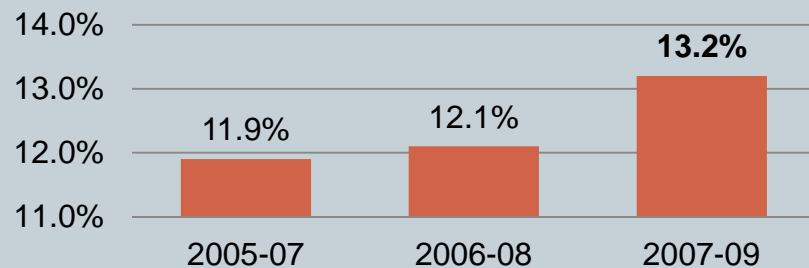


Source: Florida CHARTS

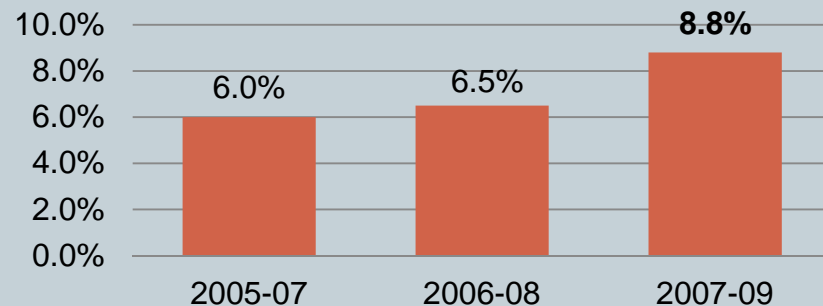
Income and Employment

53

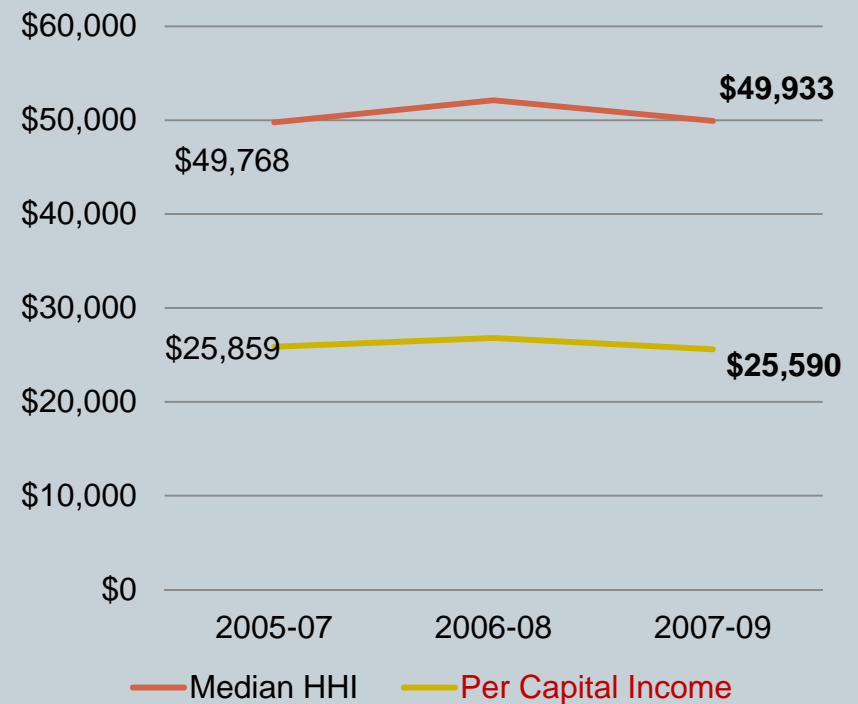
Percentage of People Whose Income in the Past 12 Months is Below the Poverty Level



**Civilian Labor Force
Percent Unemployment**



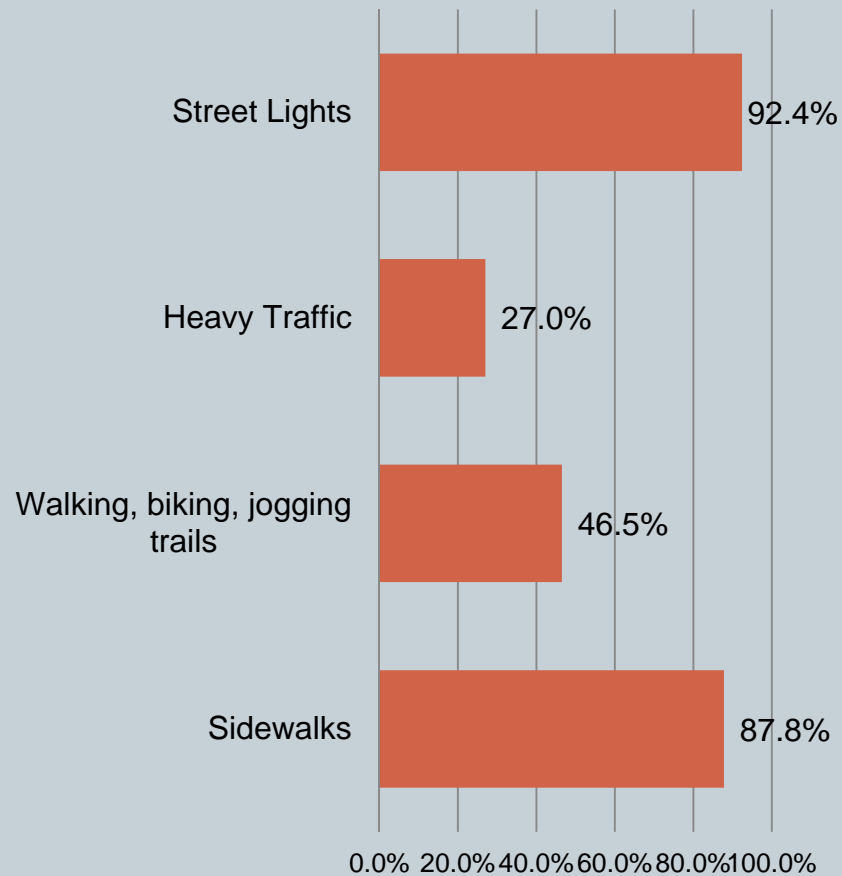
Income Trends



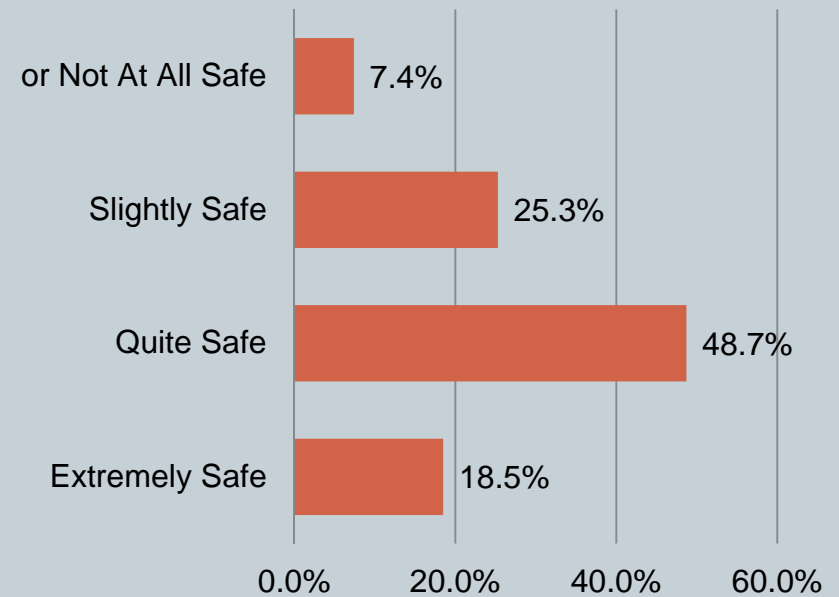
Built Environment

54

Built Environment



Neighborhood Safety



The four top MAIN reasons respondents gave for not being more active in their communities:

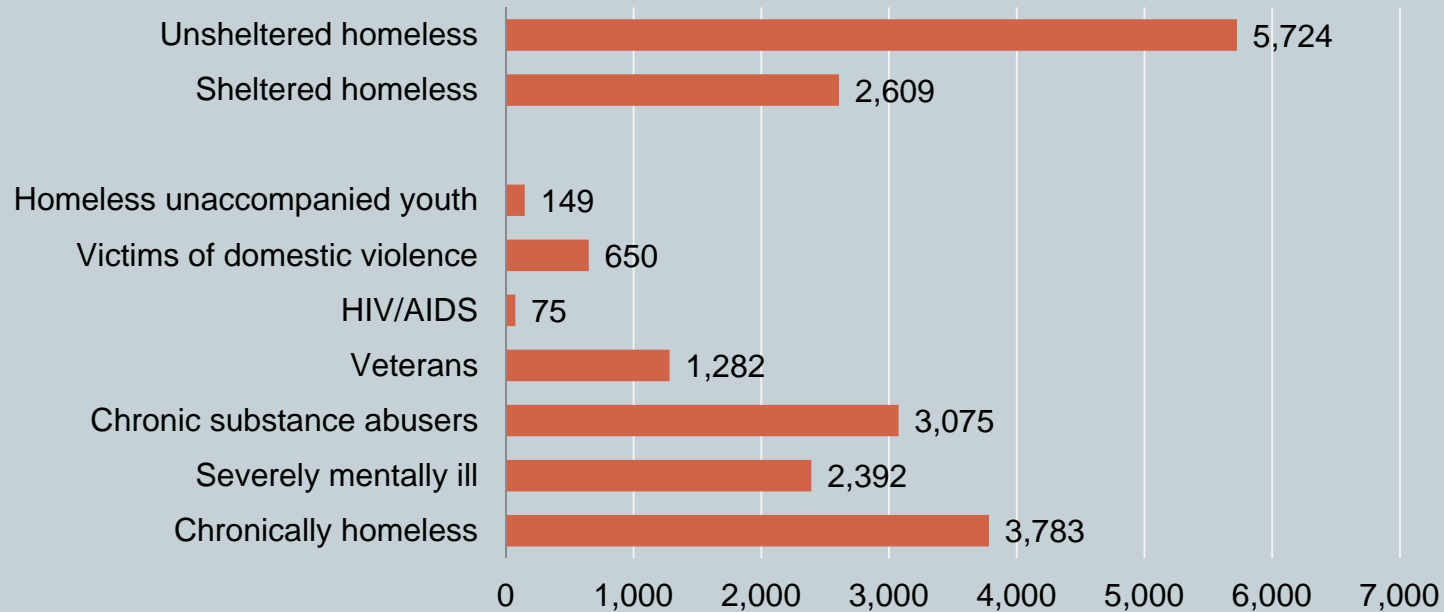
- No time
- Not interested
- Nothing available
- Don't know

Homelessness

55

The January 2009 “Point-in-time counted 8,333 homeless individuals in Orange County, including 6,596 individuals and 1,377 persons in homeless families with children.

Homelessness in Orange County

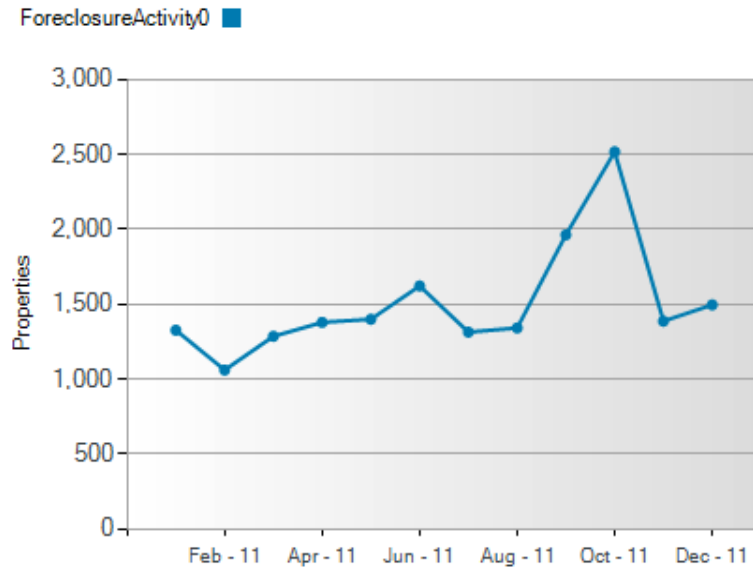


Chronically homeless is defined as unaccompanied homeless individuals with a disabling condition who have either been continuously homeless for a year or more or have had at least four episodes of homelessness in the past three years.

Source: Orange County Government Five-Year Strategic Plan 2010-2015

Housing Unit Foreclosures

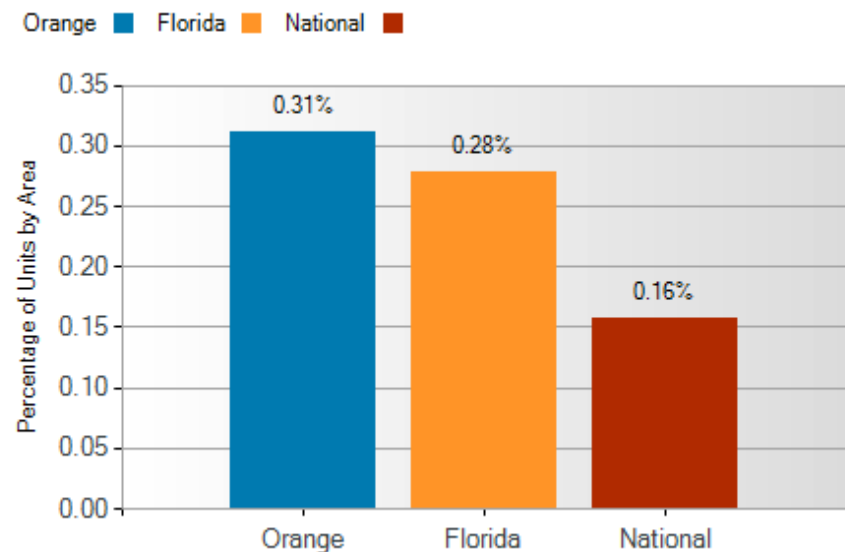
56



Housing unit foreclosures decreased substantially from 2,517 in October 2011 to 1,387 in November.

Foreclosures were on the rise again in December 2011.

The percentage of housing units in foreclosure are higher in Orange County when compared to the state and nation.



Disparities in access to health services affect individuals and society. Barriers to accessing health services lead to:

- Unmet health needs
- Delays in receiving appropriate care
- Inability to get preventive services
- Hospitalizations that could have been prevented



Health Care Access

Health Care Access Summary

58

↑ Percentage of adults with any type of health insurance

↑ Percentage of uninsured adults

↑ Percentage of adults who have a personal doctor

↑ Median monthly Medicaid enrollment

↑ Dental care access for the Black population

↑ Percentage of Black adults who had their teeth cleaned in past year

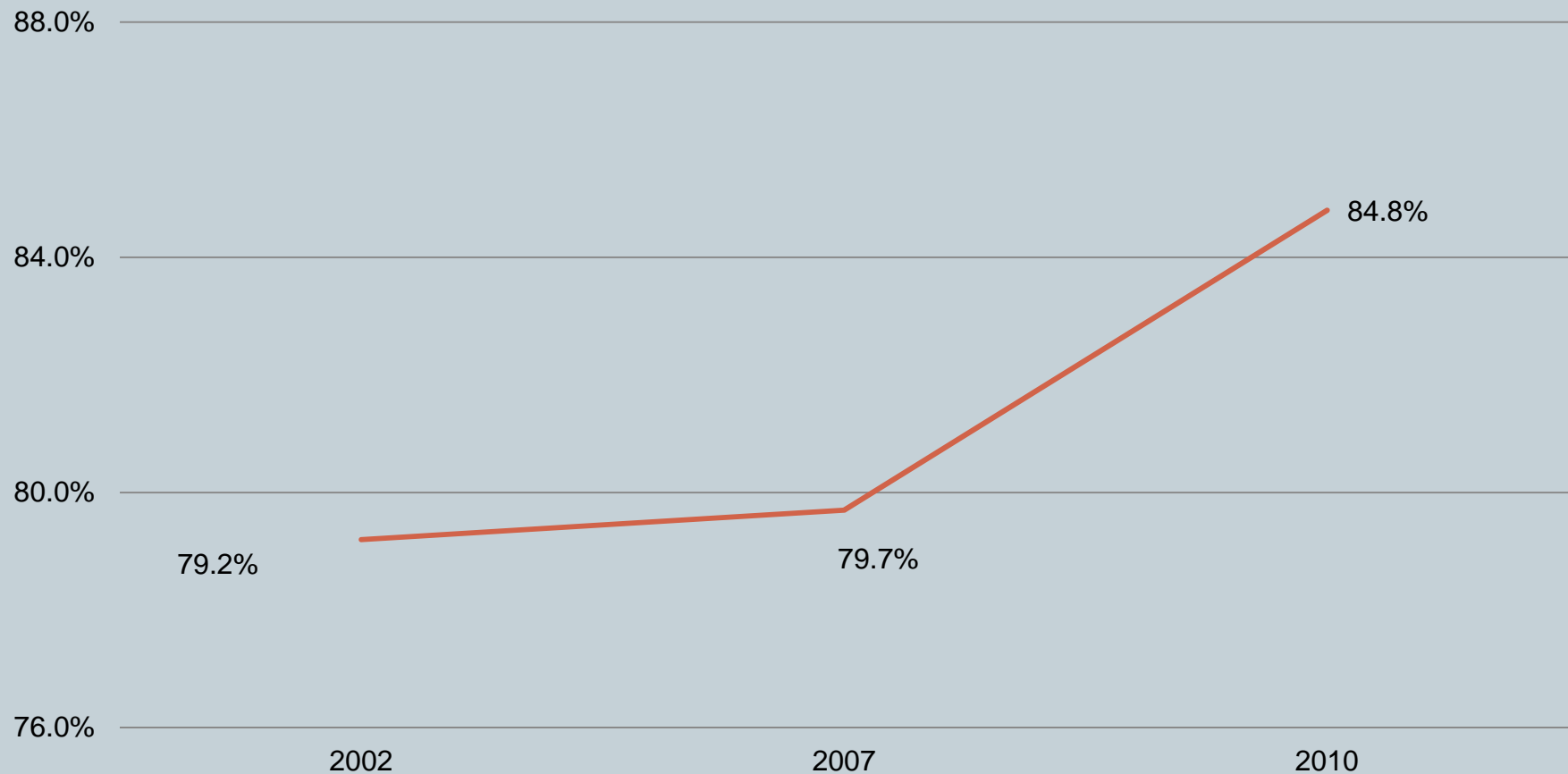
92.2% of children have a particular health care source (2006)

72.3% of children had been to a dentist in the past year (2006)

Health Care Access

59

Percentage of Adults With Any Type of Health Care Insurance Coverage

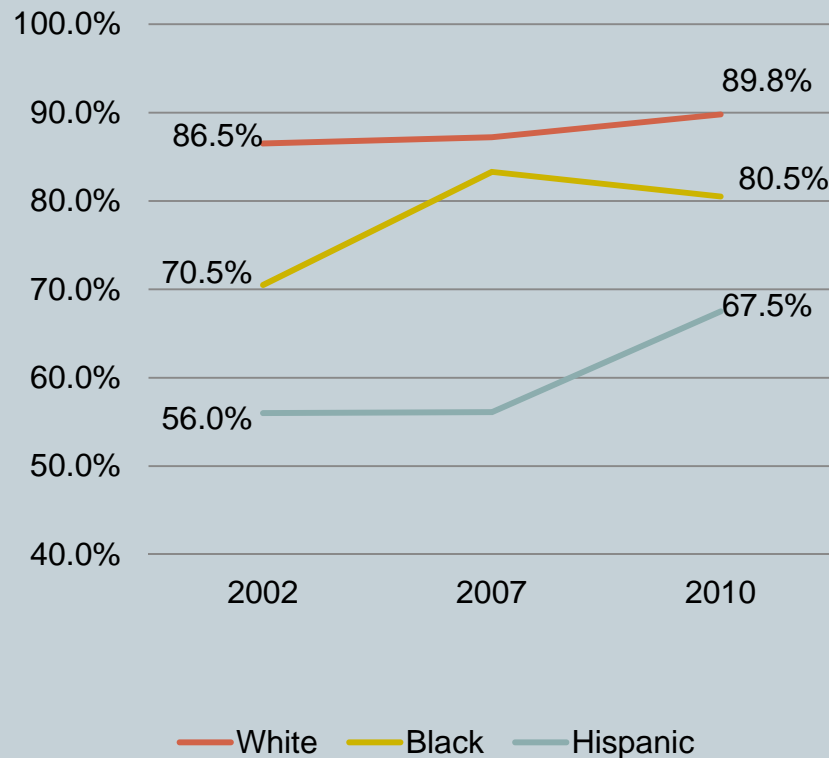


Source: BRFSS

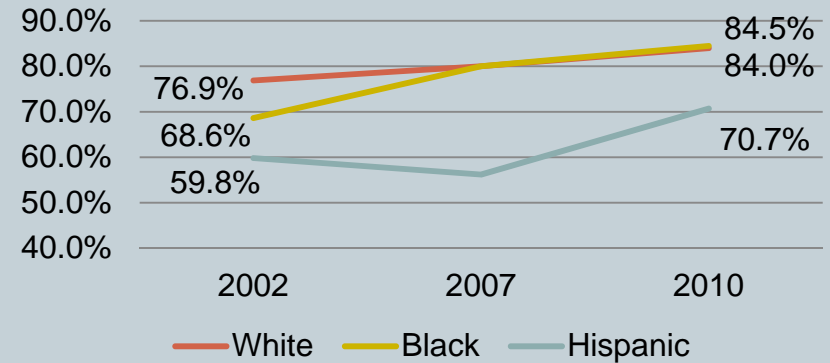
Health Care Access

60

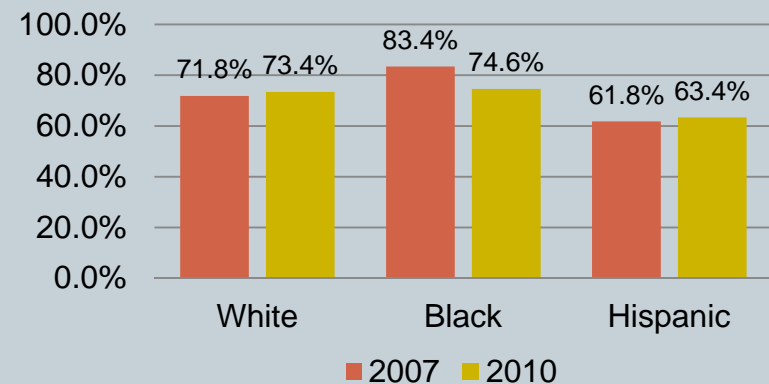
Percentage of Adults With Any Type of Health Care Insurance Coverage
By Race



Percentage of Adults who have a Personal Doctor



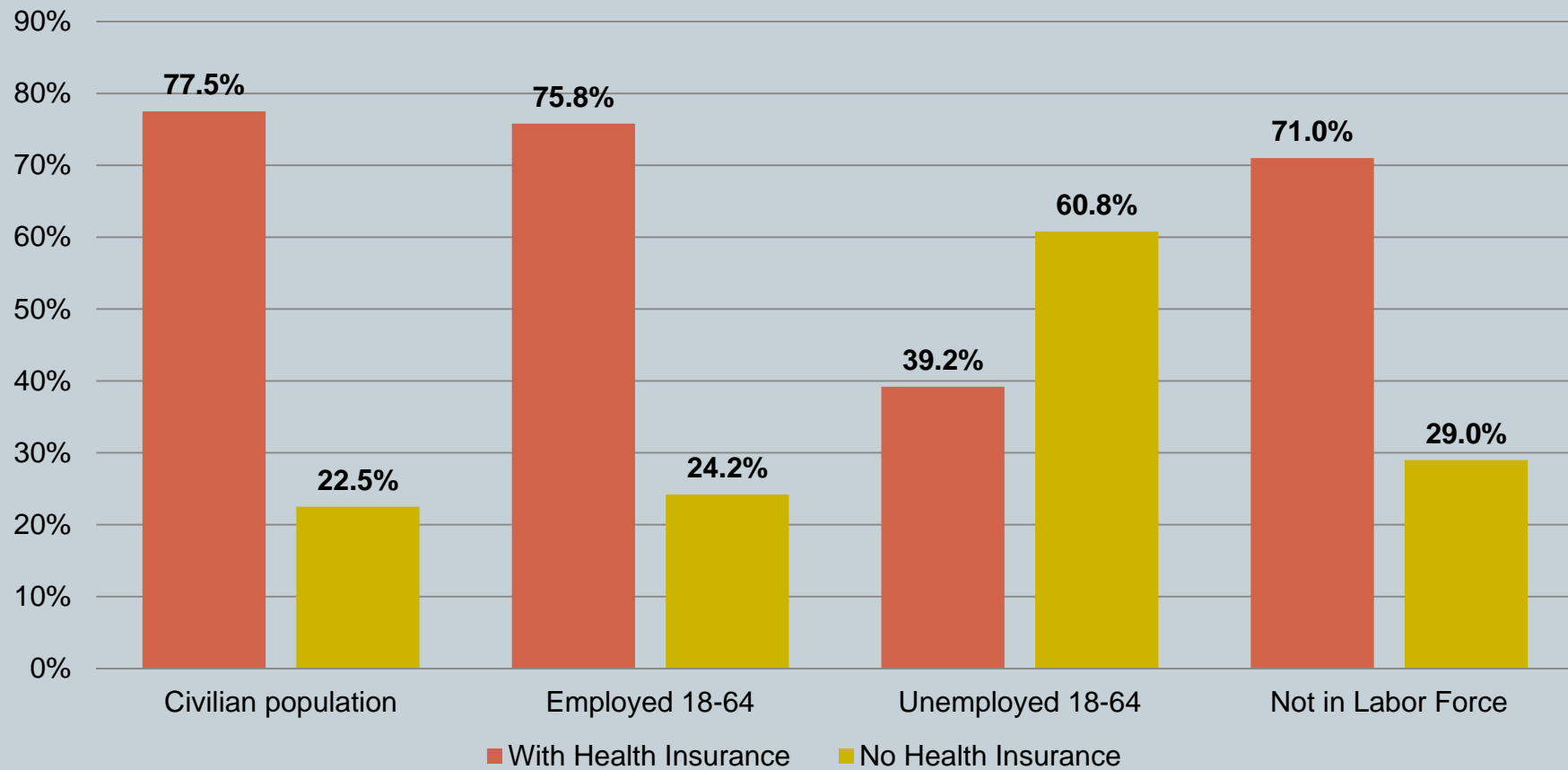
Percentage of Adults who have had a medical check-up in the past year



Health Insurance Coverage

61

Health Insurance Coverage

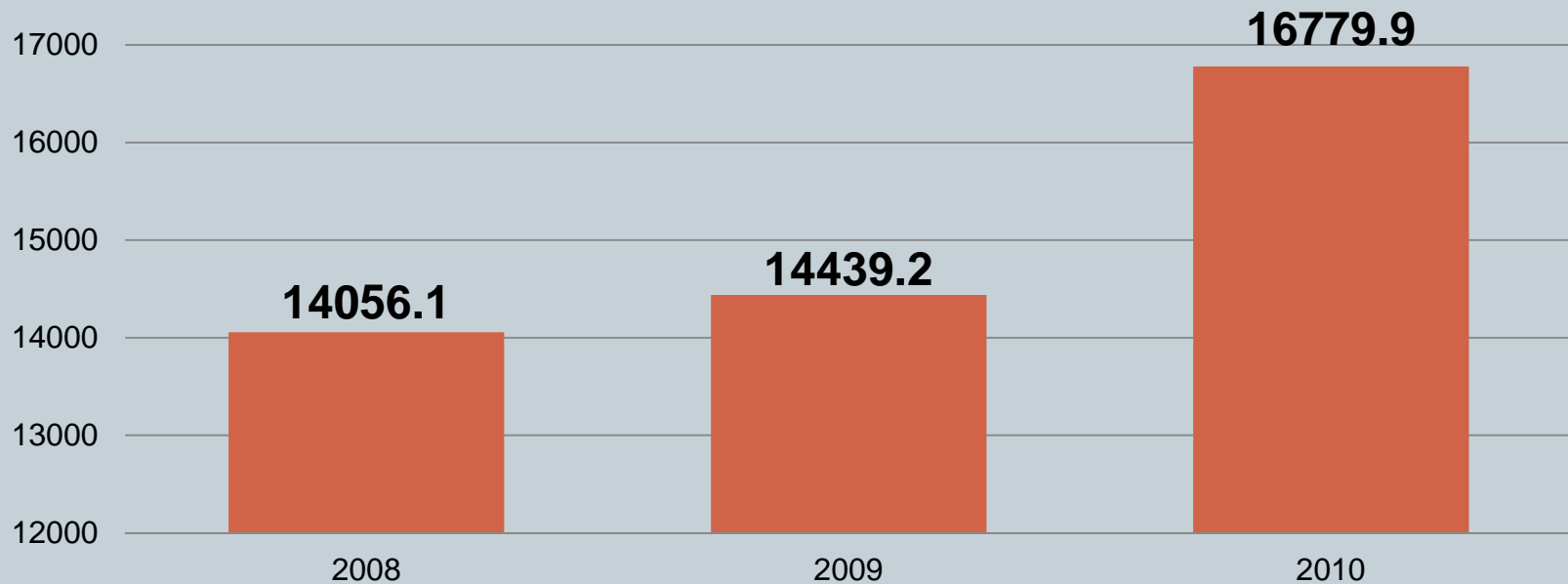


Source: U.S. Census, American Community Survey 2010

Medicaid

62

Median Monthly Medicaid Enrollment
Rate per 100,000 population

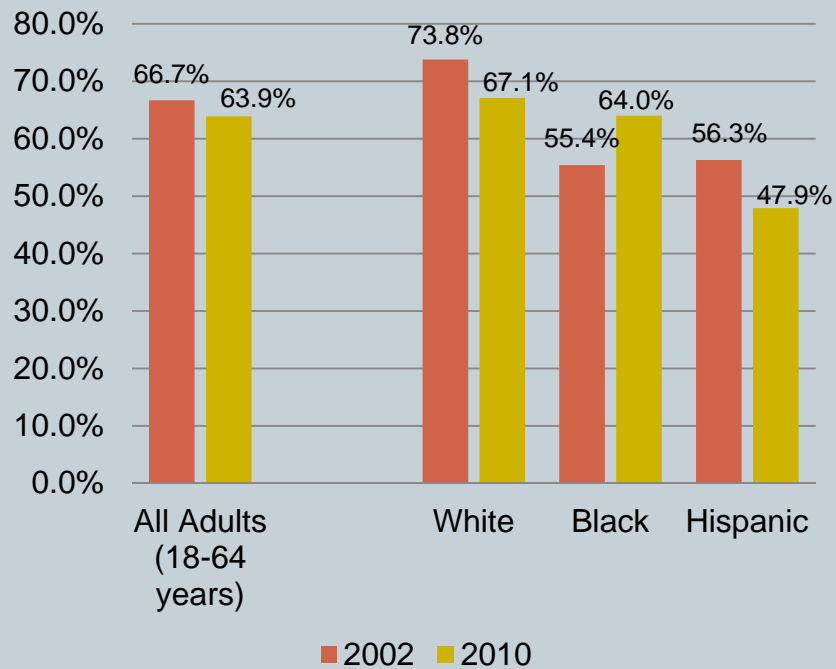


Source: Florida CHARTS

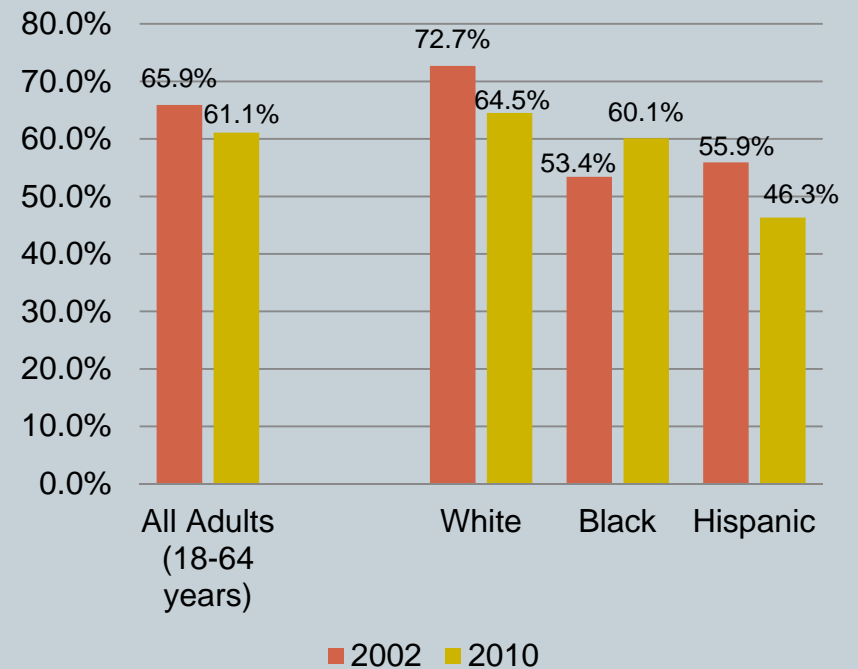
Dental Care Access

63

Percentage of Adults who have visited the dentist within the past year



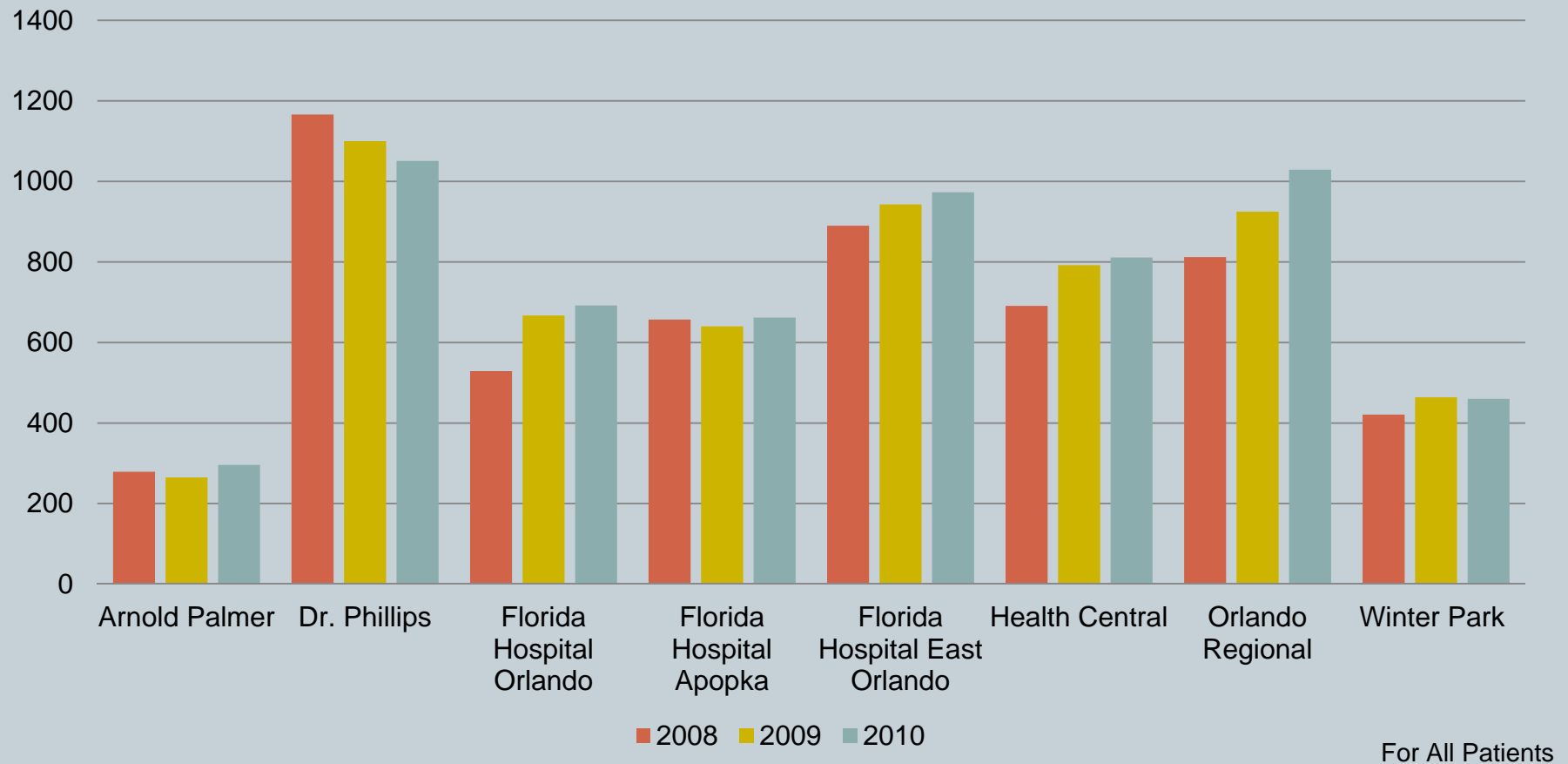
Percentage of Adults who have had their teeth cleaned within the the past year



ER Visits for Dental Health

64

Dental Health Emergency Room Visits



Source: Florida Public Health Institute

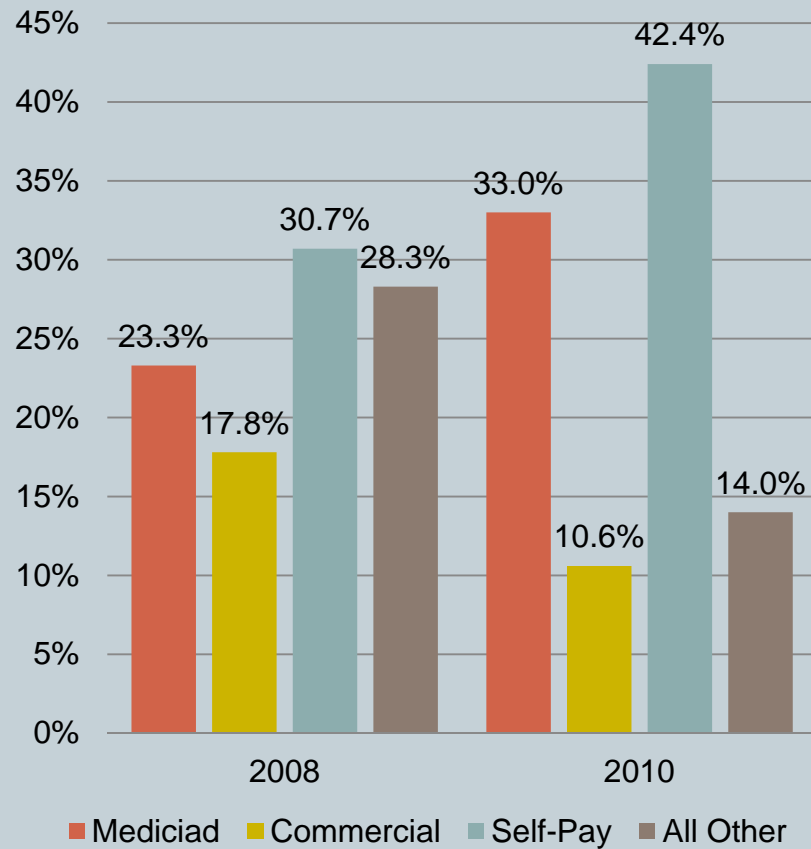
Seems odd that Dr Phillips would be higher than all others.

ER Dental Visits

65

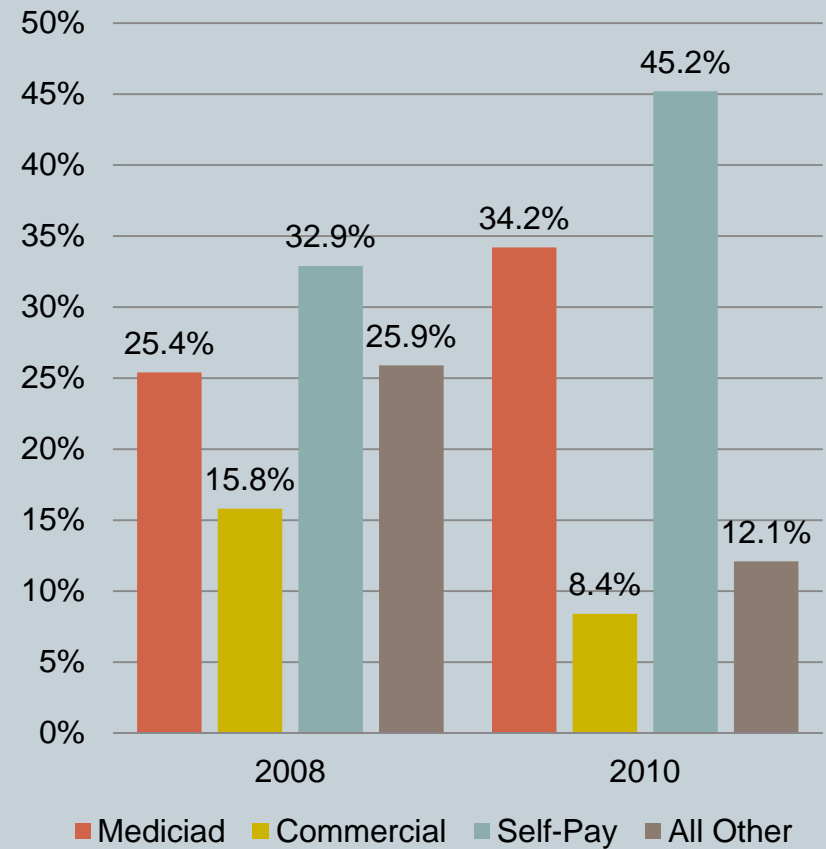
ER Dental Charges by Payor

As a percentage of the total costs



ER Dental Visits by Payor

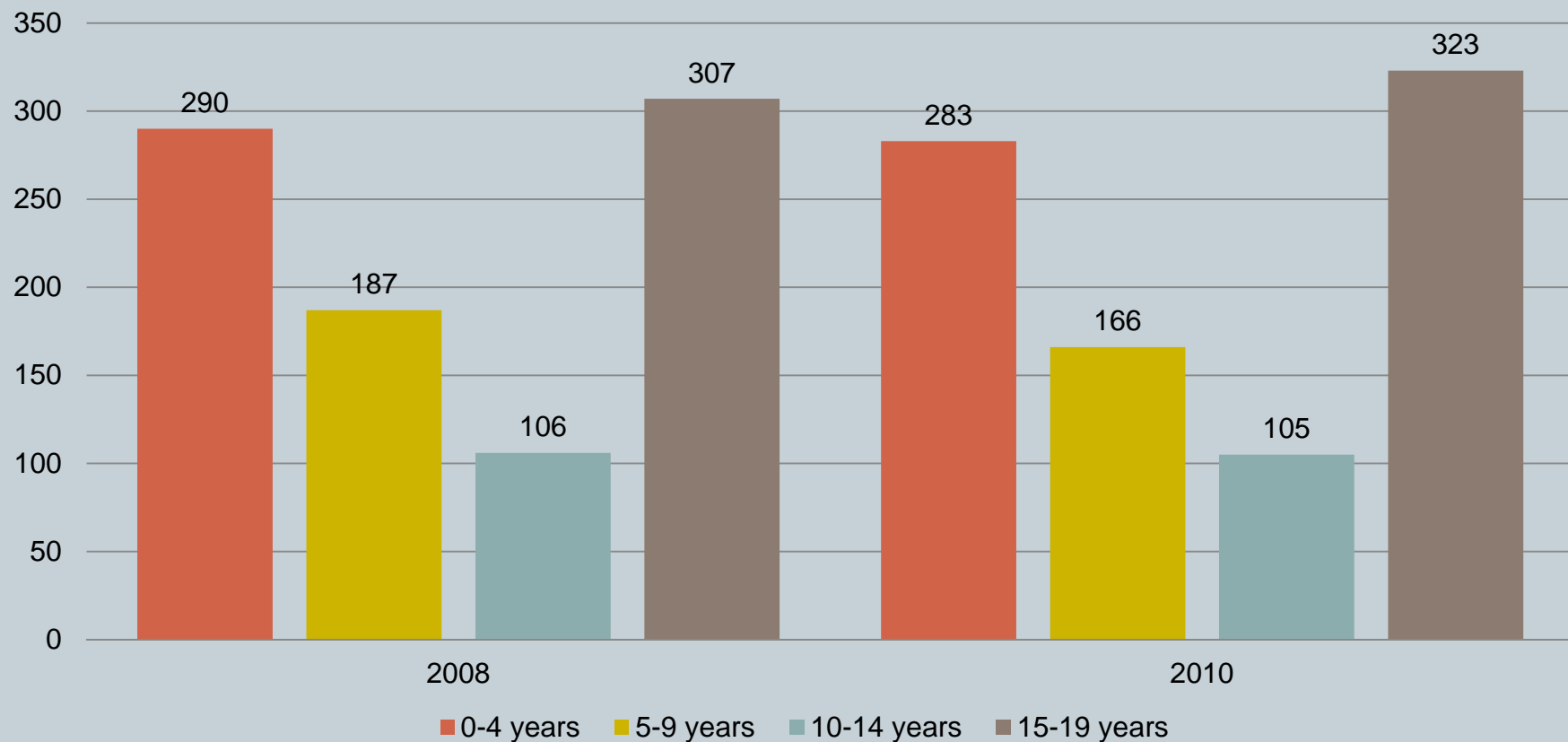
As a percentage of total visits



ER Oral Health Visits

66

Number of ER Visits for Oral Health
By Age Group

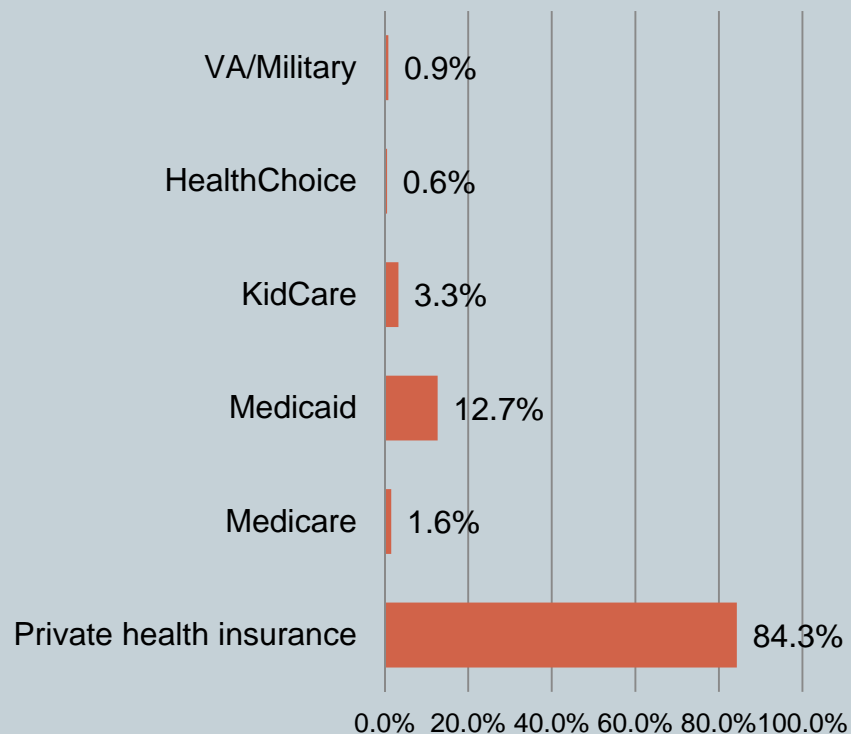


Source: Florida Public Health Institute

Health Care Insurance Coverage for Children

67

**Children's Health Care Insurance Coverage
by Type**



92.2% of respondents reported that they have a particular place to take the child when he/she is sick or need advice regarding the child's health.

Dental Coverage for Children

68

- **63.3%** of respondents reported that their child had private dental insurance
- **75.8%** of respondents reported that they had a particular place where their child receives dental care
- **95.2%** of respondents reported that their child receives dental care services in a dental office
- **72.3%** of respondents reported their child had been to a dentist within the past year

Health Rankings

69

| Determinants | Orange County | Florida | No.1 State | Health People 2020 Target |
|-------------------------------------|----------------|---------|------------|---------------------------|
| Smoking | 13.3% | 17.1% | 9.1% | 12.0% |
| Binge Drinking | 14.2% | 13.6% | 6.7% | 24.3% |
| Obesity | 27.8% | 27.2% | 21.4% | 30.6% |
| Lack of Health Insurance | 15.6% | 21.3% | 5.0% | 0% |
| Child Immunization | 76.1%*/93.7%** | 94.7% | 96% | 80% |
| Early Prenatal Care | 84.1% | 69.7% | N/A | 77.9% |
| Diabetes Diagnosis | 9.9% | 10.4% | 5.3% | 7.2% |
| Infant Mortality (per 1,000) | 6.5 | 7.1 | 4.7 | 6.0 |
| Cardiovascular Deaths (per 100,000) | 162.5 | 231.4 | 197.2 | 100.8 |
| Cancer Deaths (per 100,000) | 170.2 | 182.3 | 137.4 | 160.6 |

Source: Florida CHARTS, America's Health Rankings, Healthy People 2020 *rate at 2yrs, **rate at Kindergarten

Sources

70

- Florida CHARTS, www.floridacharts.com
- Behavioral Risk Factor Surveillance Study, http://www.doh.state.fl.us/Disease_ctrl/epi/brfss/index.htm
- Professional Research Consultants, Inc. www.prceasyview.com
- America's Health Rankings, www.americashealthranking.org
- Florida Public Health Institute, www.flphi.org
- Healthy People 2020, www.healthypeople.gov