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*Governor*



**Richard Whitley**  
*Director*

**State of Nevada**  
**Department of Health and Human Services**  
*Division of Public and Behavioral Health*

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*Minority Health Data*

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Division of Public and Behavioral Health

November 2, 2017



# Nevada, a Minority-Majority State

- Based on the most recent Census data, Nevada (49.9% White, non-Hispanic) has joined four other states, California, Hawaii, New Mexico, and Texas, that are considered minority-majority states.



# How will this impact health?

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- Socioeconomic factors:
  - African American, American Indian/Alaskan Native and Hispanic students have the lowest graduation rates among various racial and ethnic groups.
  - African American, American Indian/Alaskan Native and Hispanic household income is lower than Asian or White households.
  - African American, American Indian/Alaskan Native and Hispanic families experience higher rates of poverty
  - Minority groups utilize social services at higher rates.
  - Minority groups are disproportionately affected by many morbidity and mortality causing ailments.
- Need to focus on an upstream approach to address root cause and prevent the morbidity, which is where the data comes in...

[http://dpbh.nv.gov/uploadedFiles/dpbhnavgov/content/Programs/OPHIE/Docs/Part%20I\\_FV\\_final%20Nov%202015.pdf](http://dpbh.nv.gov/uploadedFiles/dpbhnavgov/content/Programs/OPHIE/Docs/Part%20I_FV_final%20Nov%202015.pdf)

# Lifespan Approach Analytics

Prenatal and Preventive Care (dental, prenatal/postnatal care; immunizations, well child checks) Adverse Childhood Events/Experience (ACEs); (infants and youth)

Educational Attainment; Interaction with Juvenile Justice; Employment; Family Planning; Preventive Care; Substance Use; Sexual Activity; ACEs (older youth)

Employment; Family Planning/Sexual Health; Preventive Care; Interaction with Criminal Justice; Utilization of Healthcare and Social Service Programs (adulthood)

Employment; Preventive Care; Chronic Disease; Interaction with Criminal Justice; Utilization of Healthcare and Social Service Programs; Mortality (older adulthood)



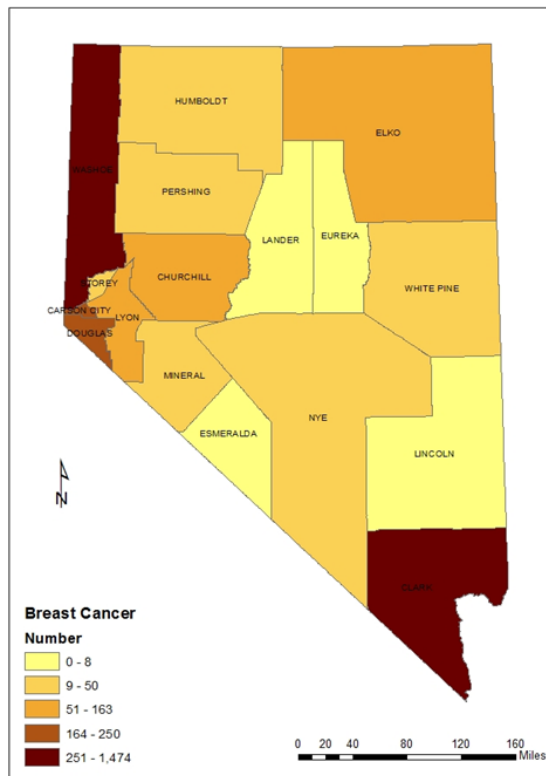
“\*Data are preliminary and subject to changes.”

Data Source?

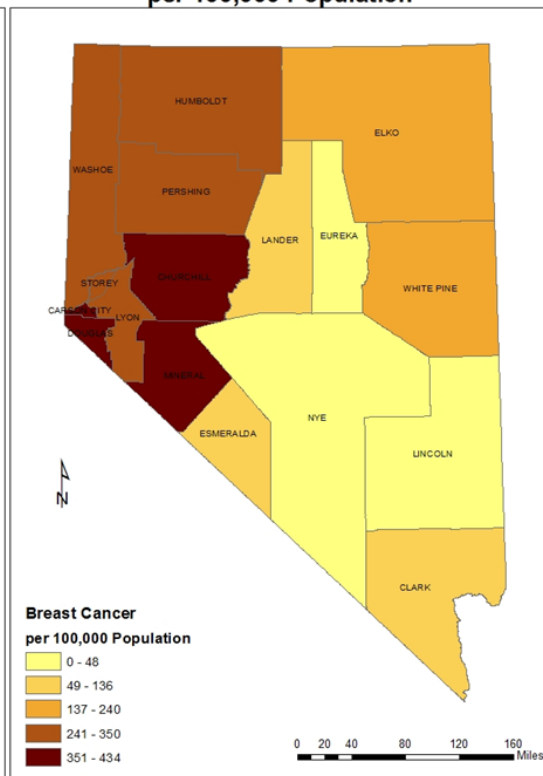
Methodology?

Timing?

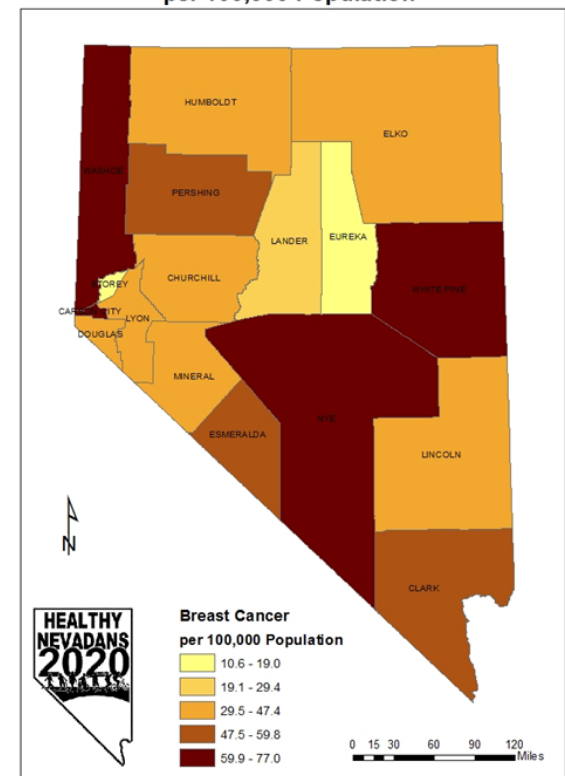
Breast Cancer in Nevada: 2006-2010



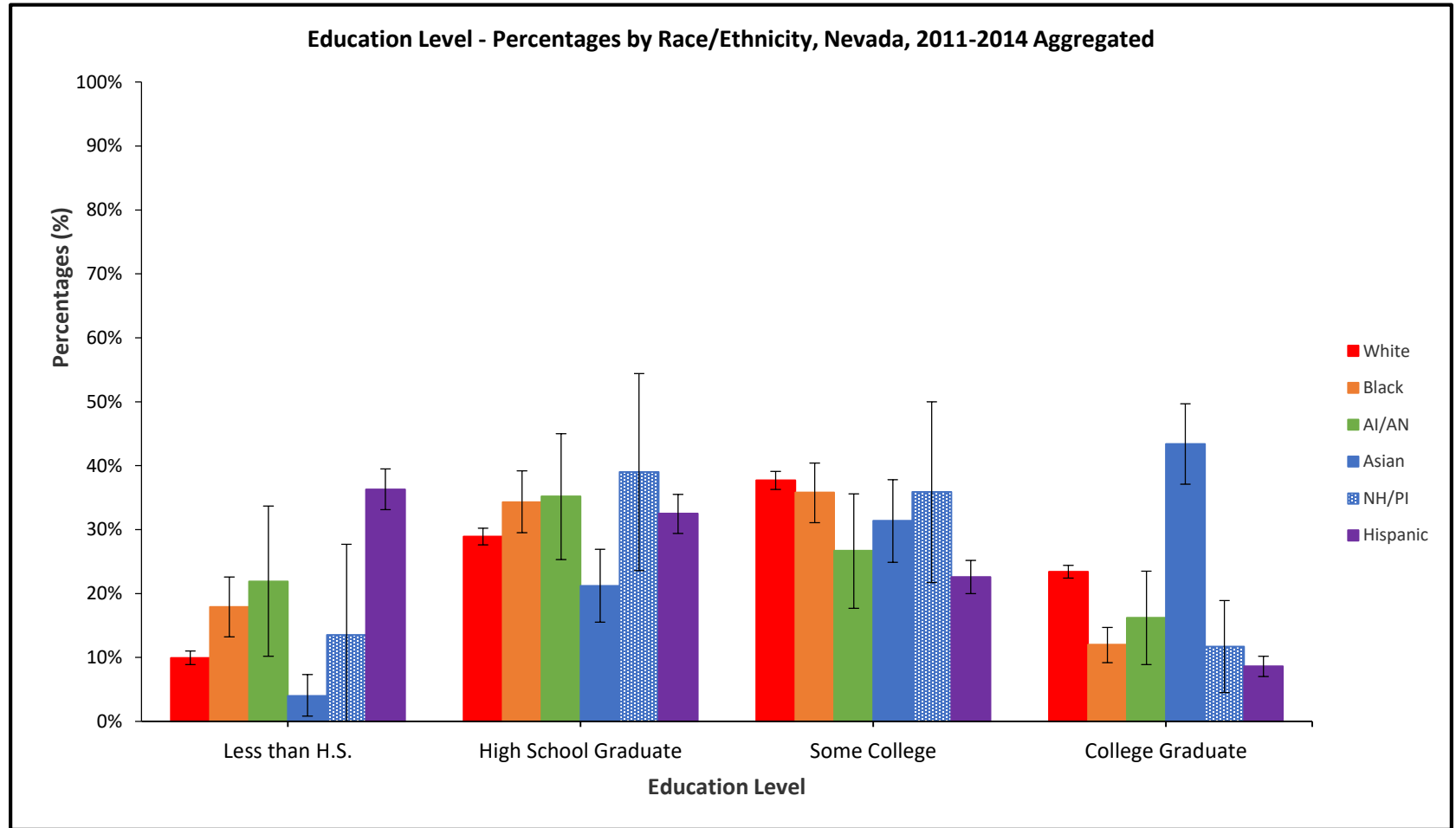
Breast Cancer in Nevada: 2006-2010 per 100,000 Population



Age-Adjusted Breast Cancer Rate in Nevada: 2006-2010 per 100,000 Population

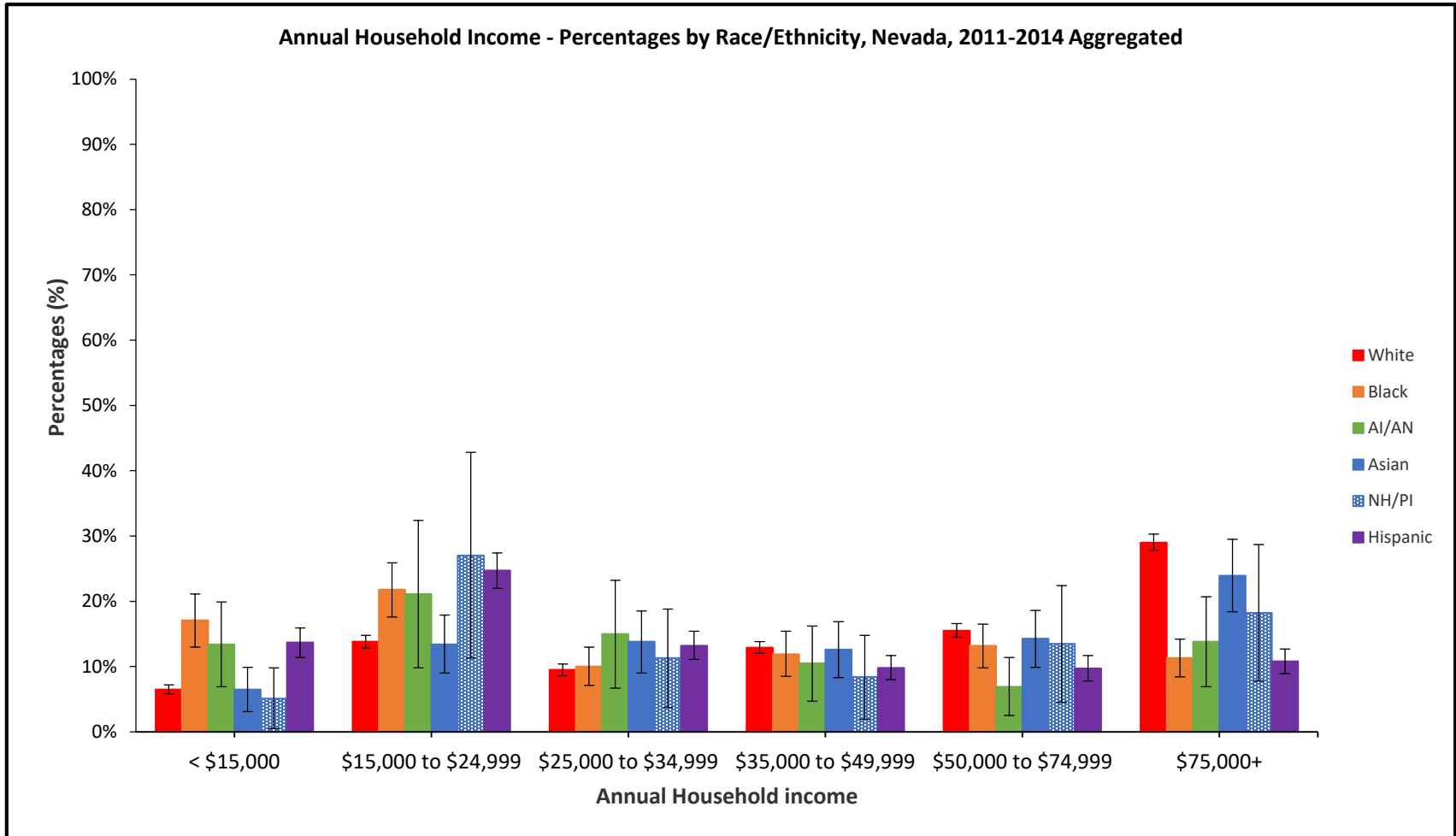


# Education Level



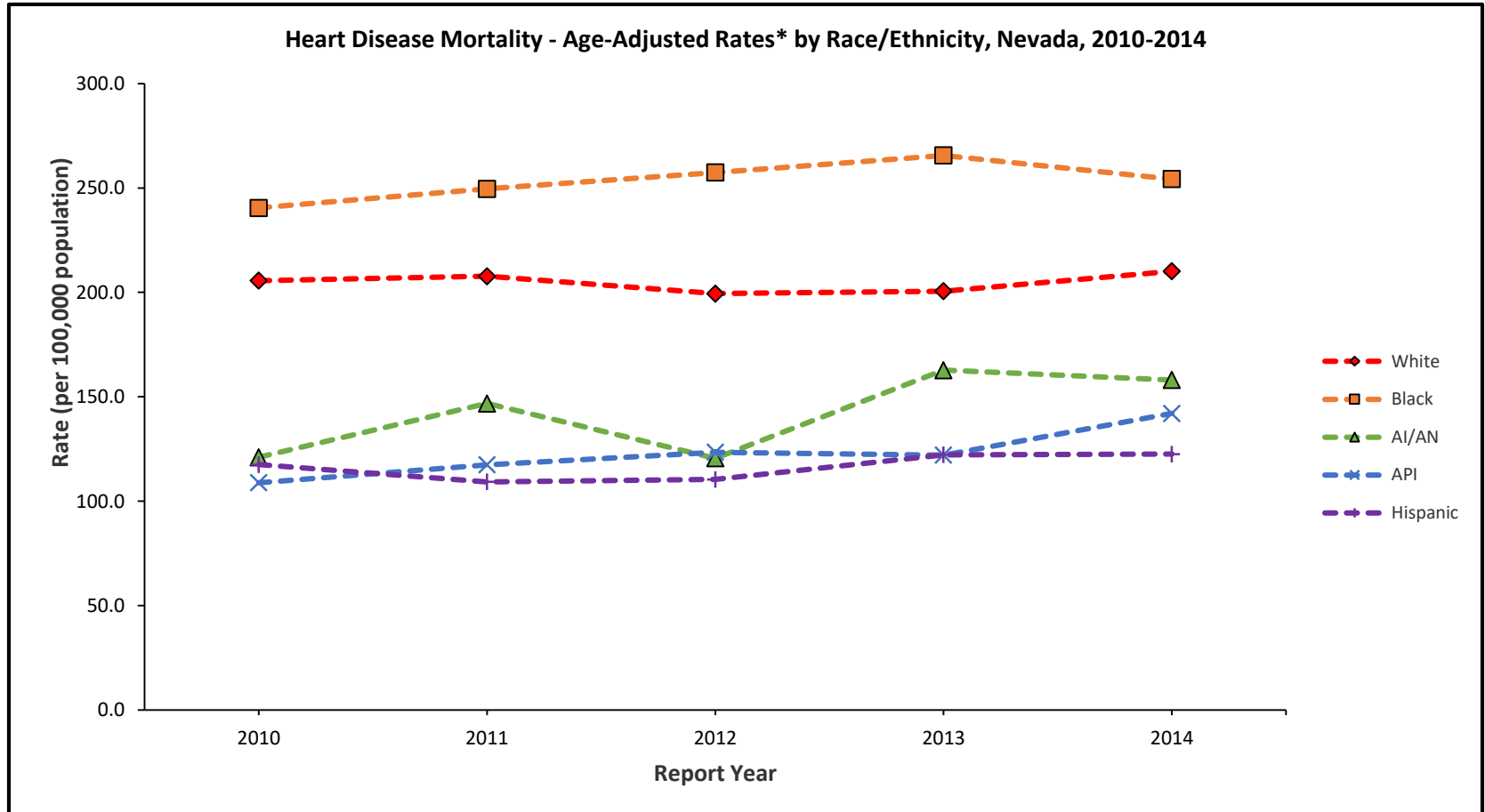
Source: Division of Public and Behavioral Health, Behavioral Risk Factor Surveillance System (BRFSS), data as of September 2015

# Annual Household Income



Source: Division of Public and Behavioral Health, Behavioral Risk Factor Surveillance System (BRFSS), data as of September 2015

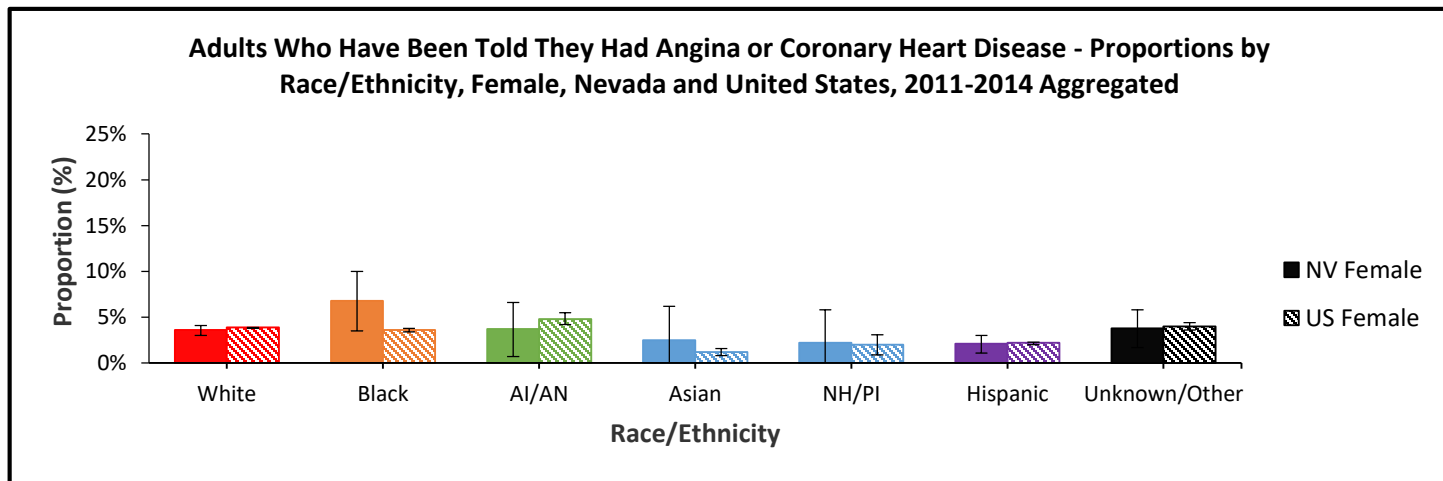
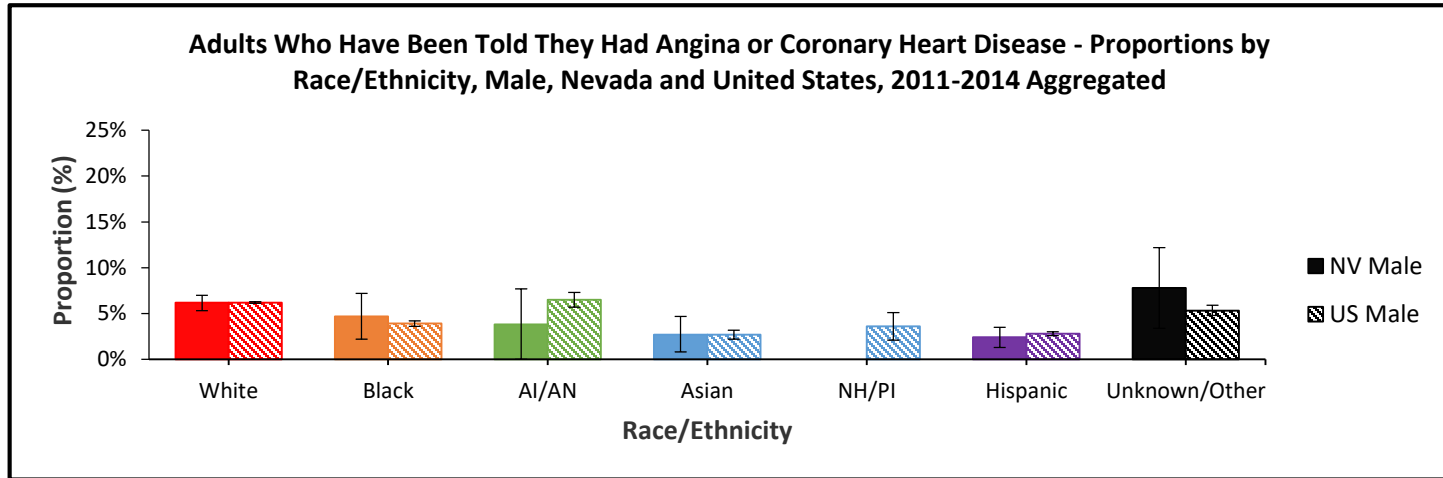
# Heart Disease Mortality



Source: Division of Public and Behavioral Health, WEVRRS, data as of September 2015.

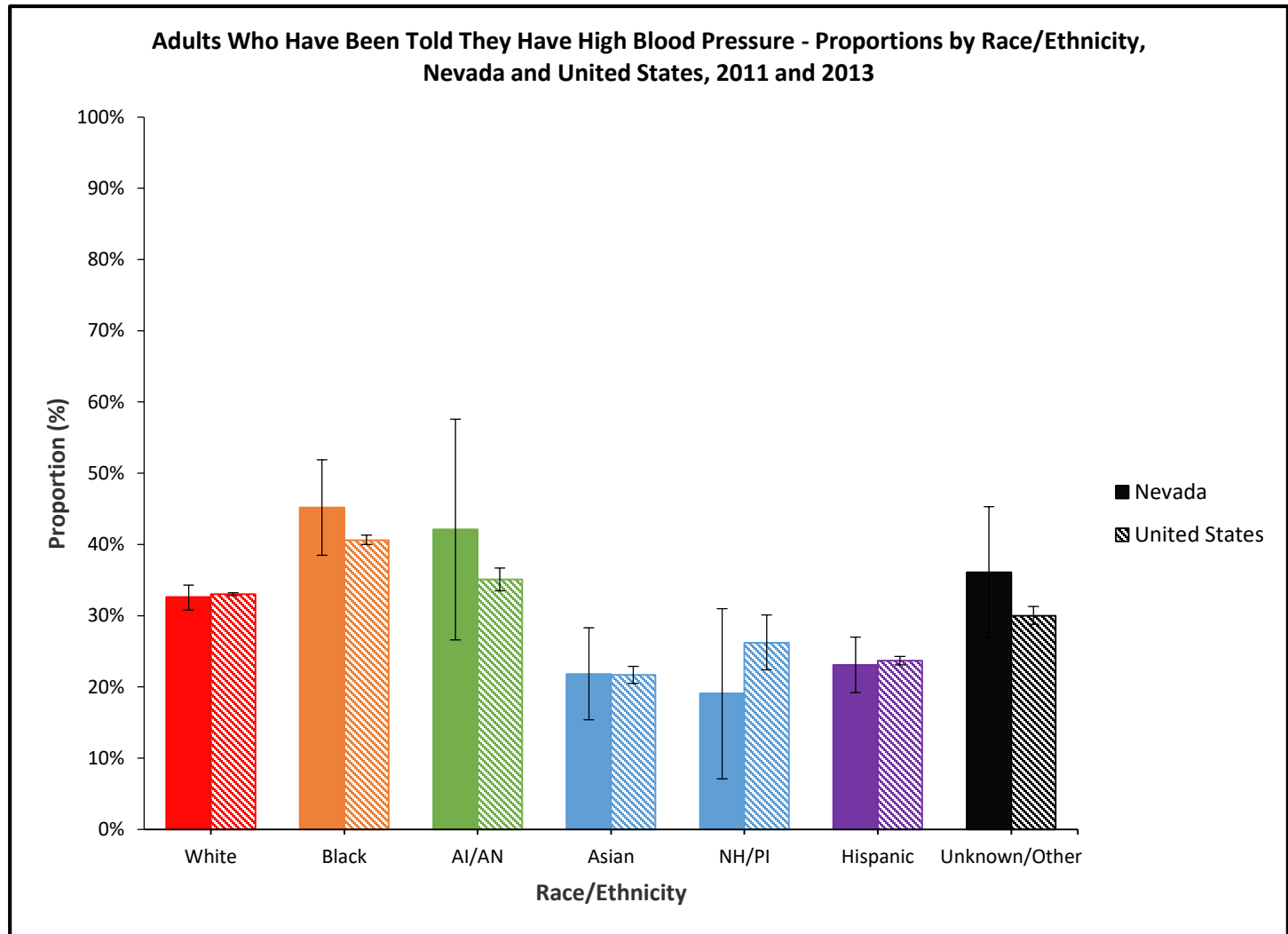


# Angina or Coronary Heart Disease



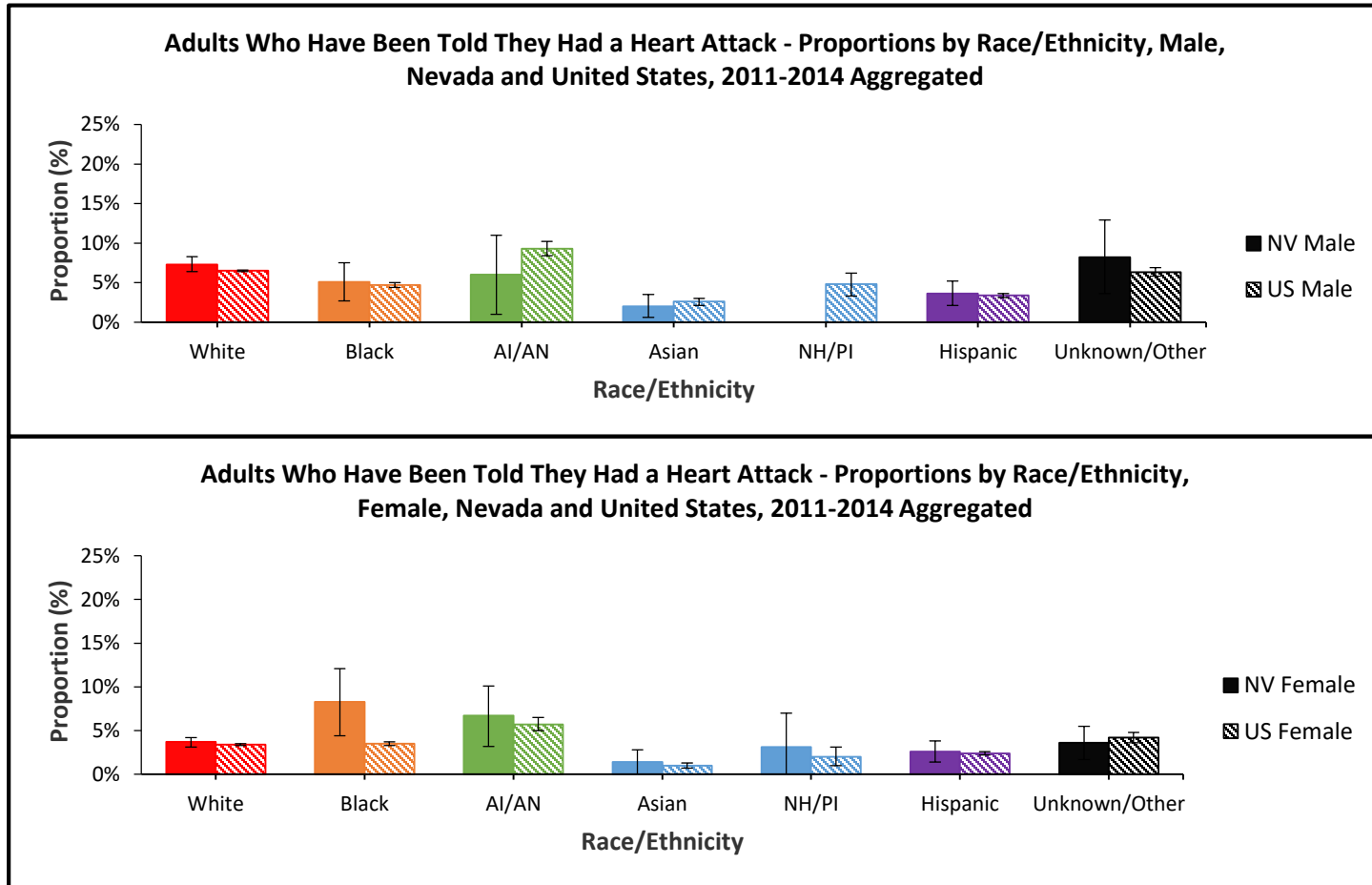
Source: Division of Public and Behavioral Health, Behavioral Risk Factor Surveillance System (BRFSS), data as of September 2015

# High Blood Pressure



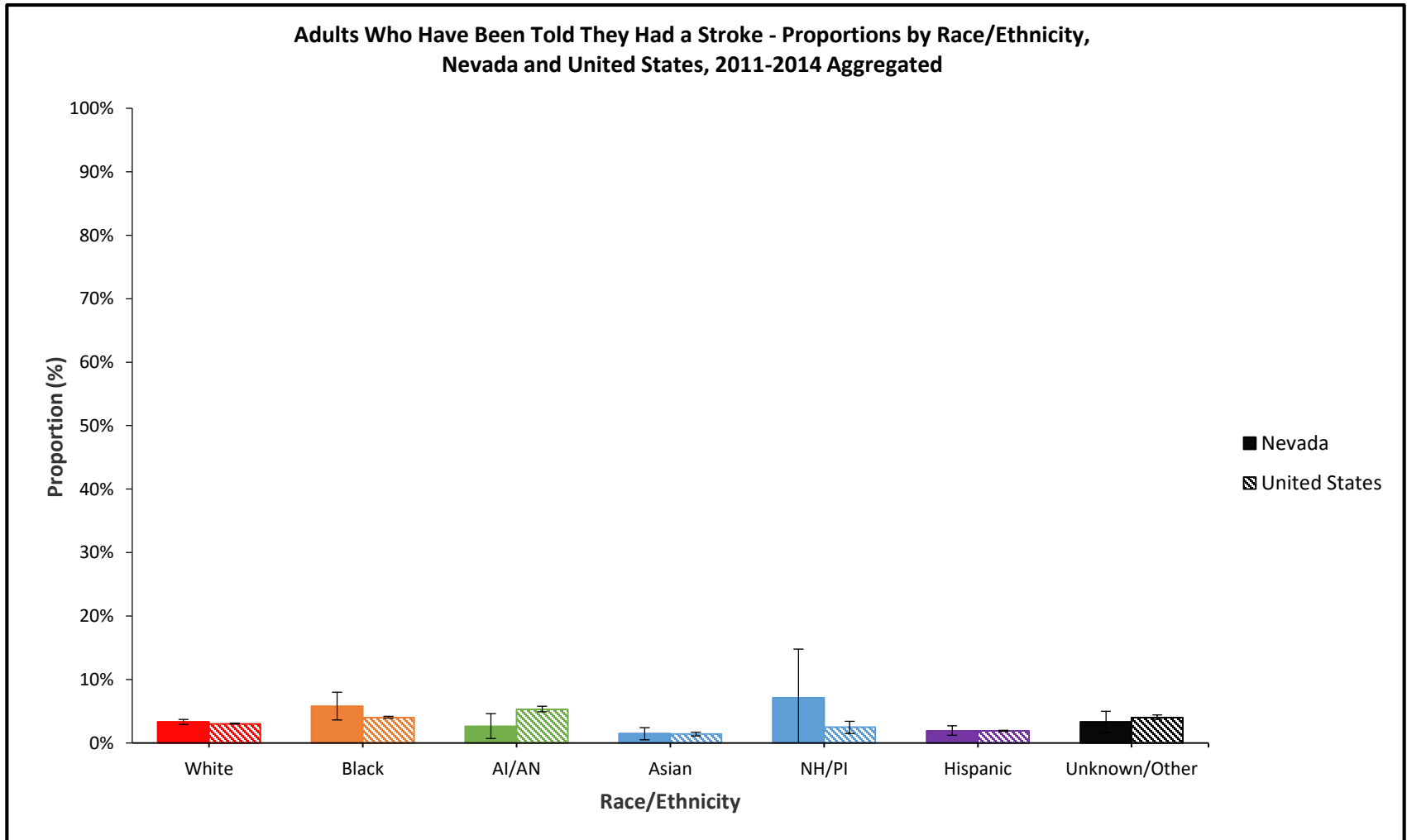
Source: Division of Public and Behavioral Health, Behavioral Risk Factor Surveillance System (BRFSS), data as of September 2015

# Heart Attack



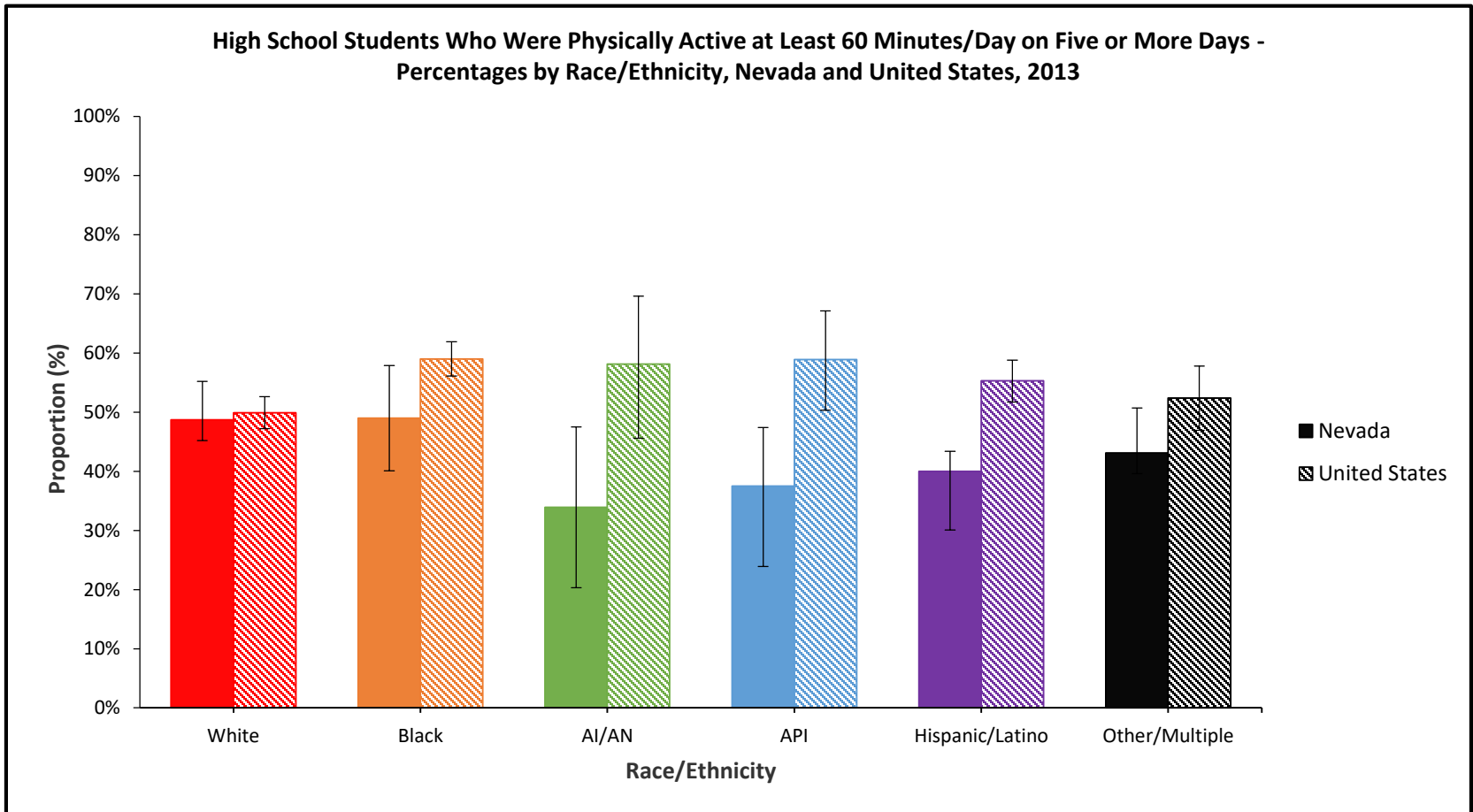
Source: Division of Public and Behavioral Health, Behavioral Risk Factor Surveillance System (BRFSS), data as of September 2015

# Stroke



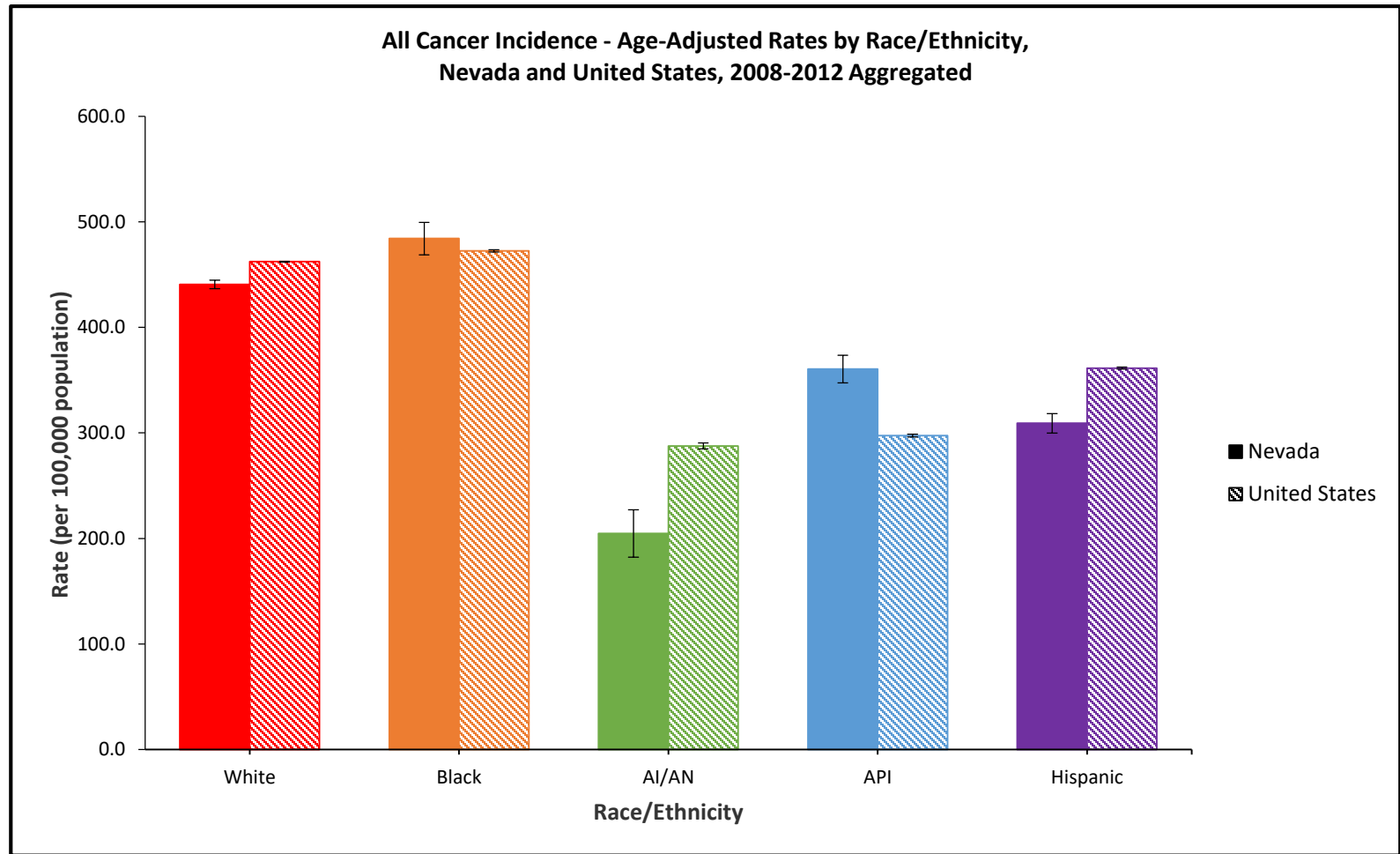
Source: Division of Public and Behavioral Health, Behavioral Risk Factor Surveillance System (BRFSS), data as of September 2015

# Regular Exercise



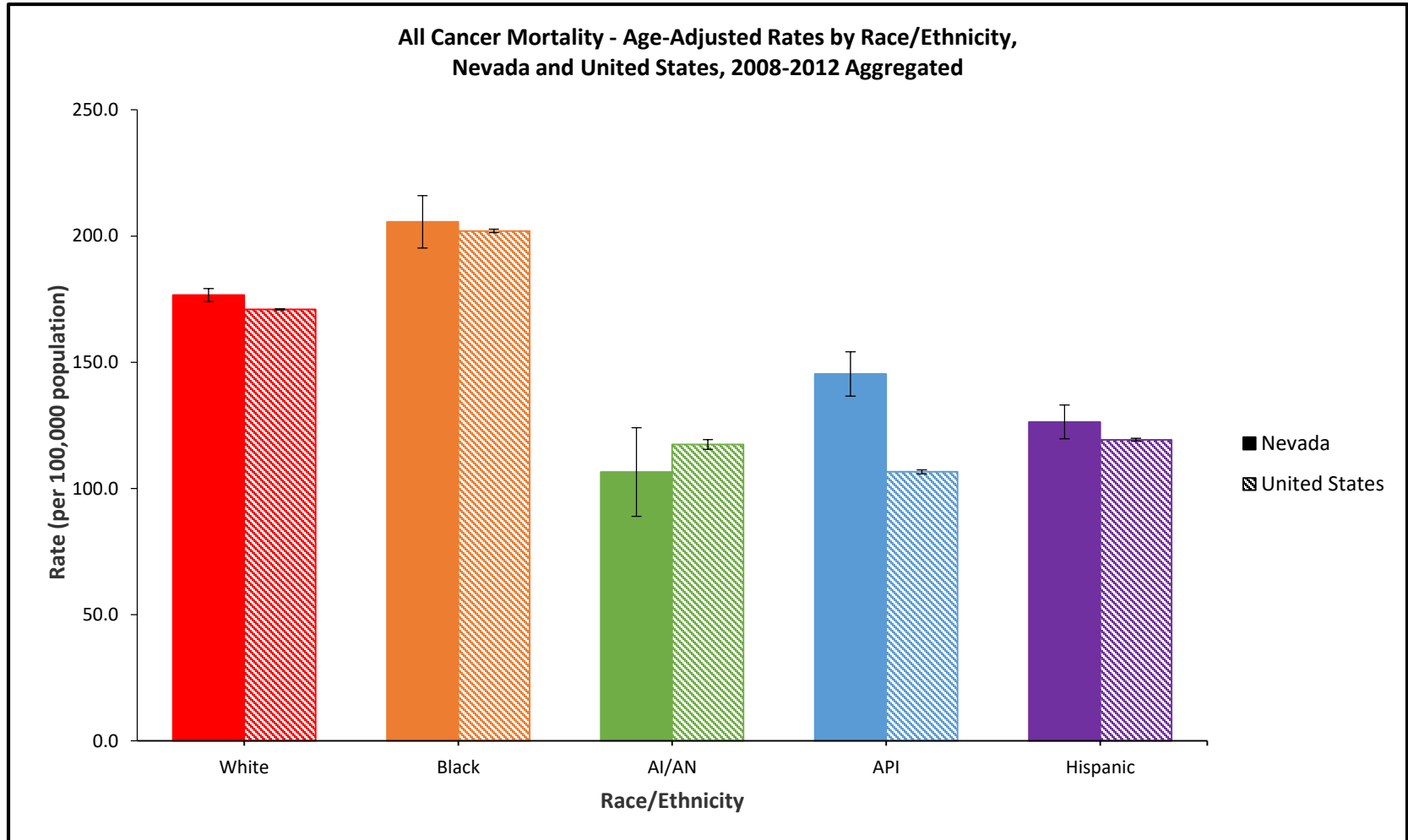
Source: Division of Public and Behavioral Health, Nevada Youth Risk Behavior Survey (YRBS) 2013 Report and Centers for Disease Control and Prevention (CDC) Youth Risk Behavior Surveillance System (YRBSS), data as of September 2015.

# Cancer Morbidity



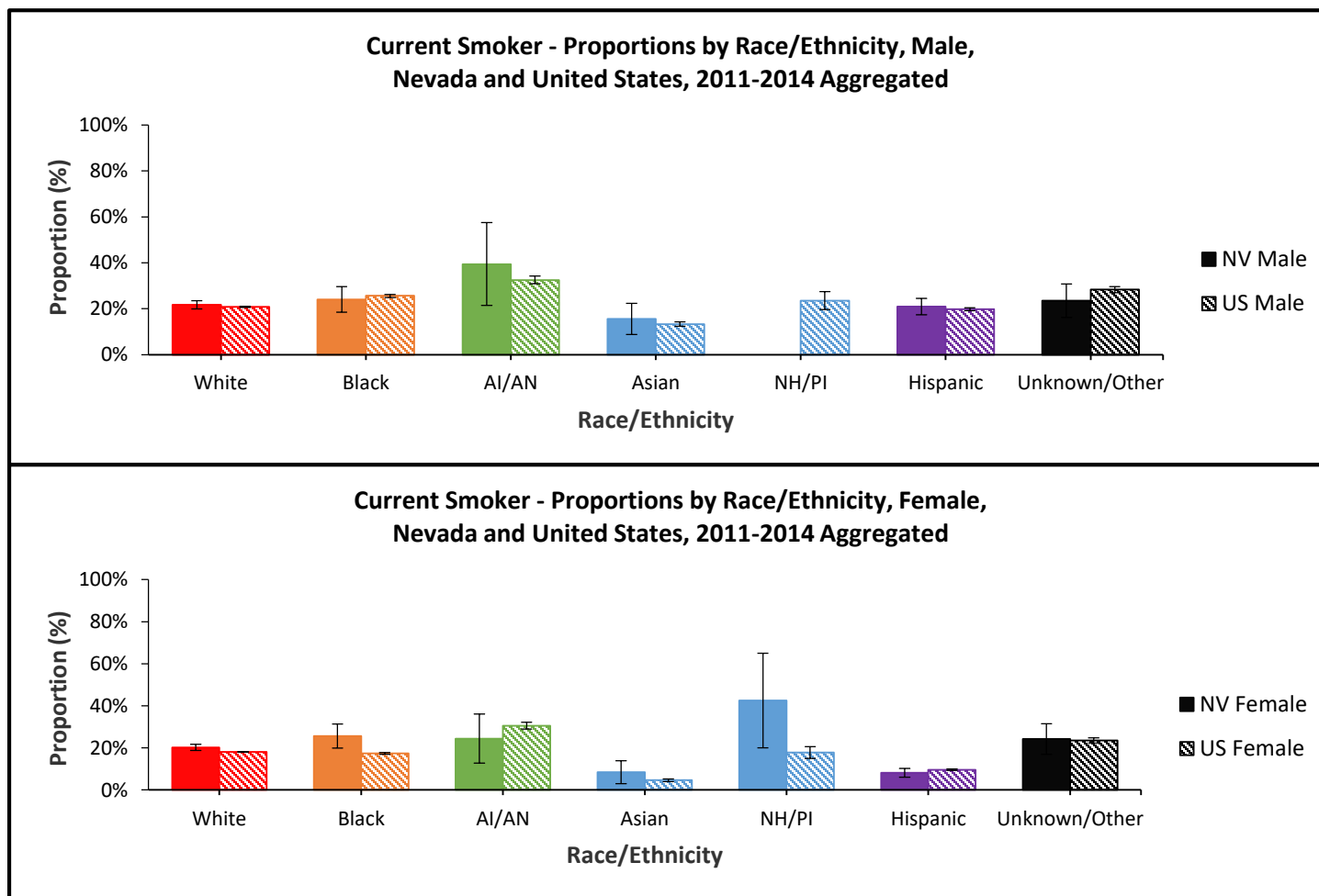
Source: Division of Public and Behavioral Health, Nevada Central Cancer Registry (NCCR), data as of December 2014.

# Cancer Mortality



Source: Division of Public and Behavioral Health, Nevada Central Cancer Registry (NCCR), data as of December 2014.

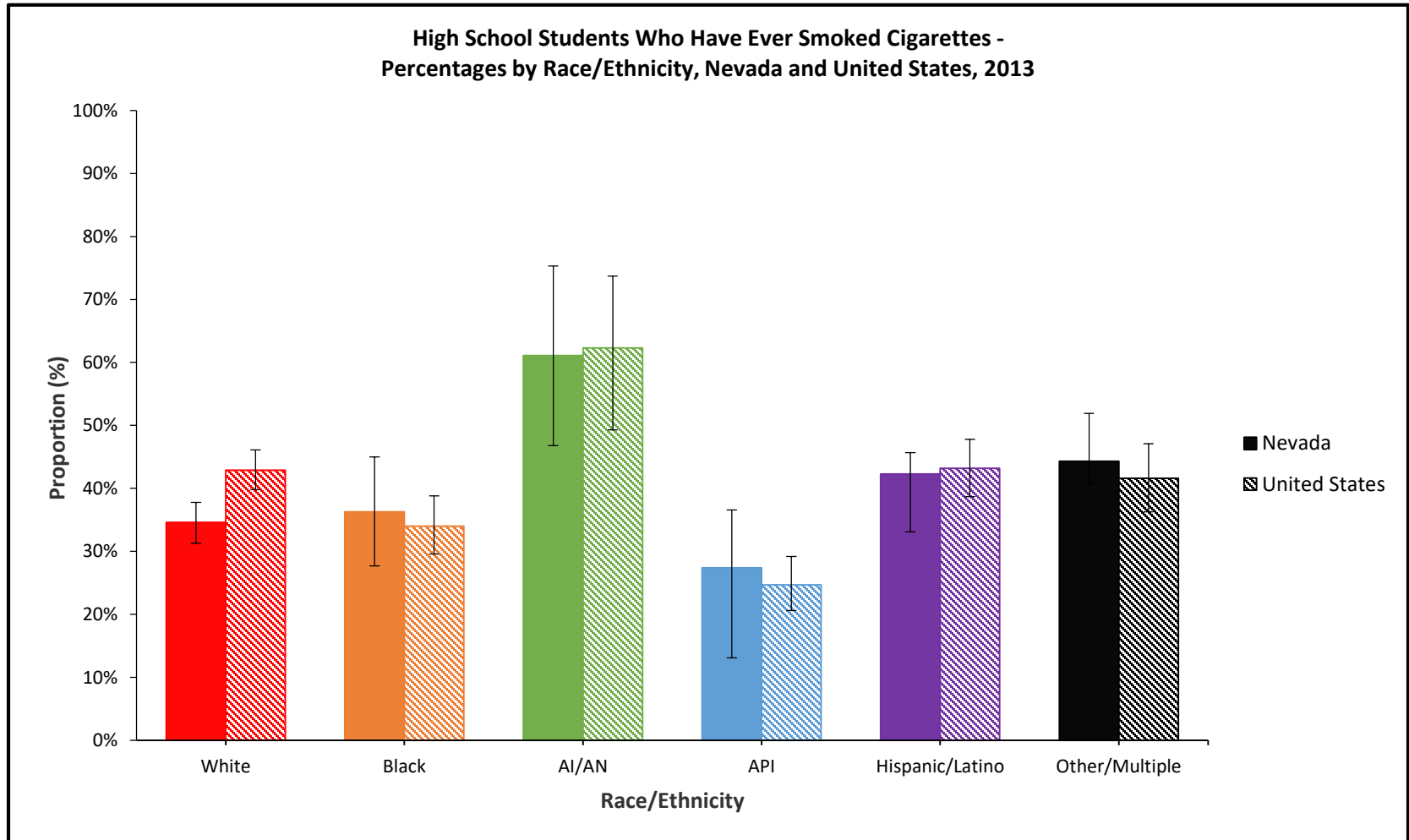
# Current Adult Smokers



Source: Division of Public and Behavioral Health, Nevada Central Cancer Registry (NCCR), data as of December 2014.

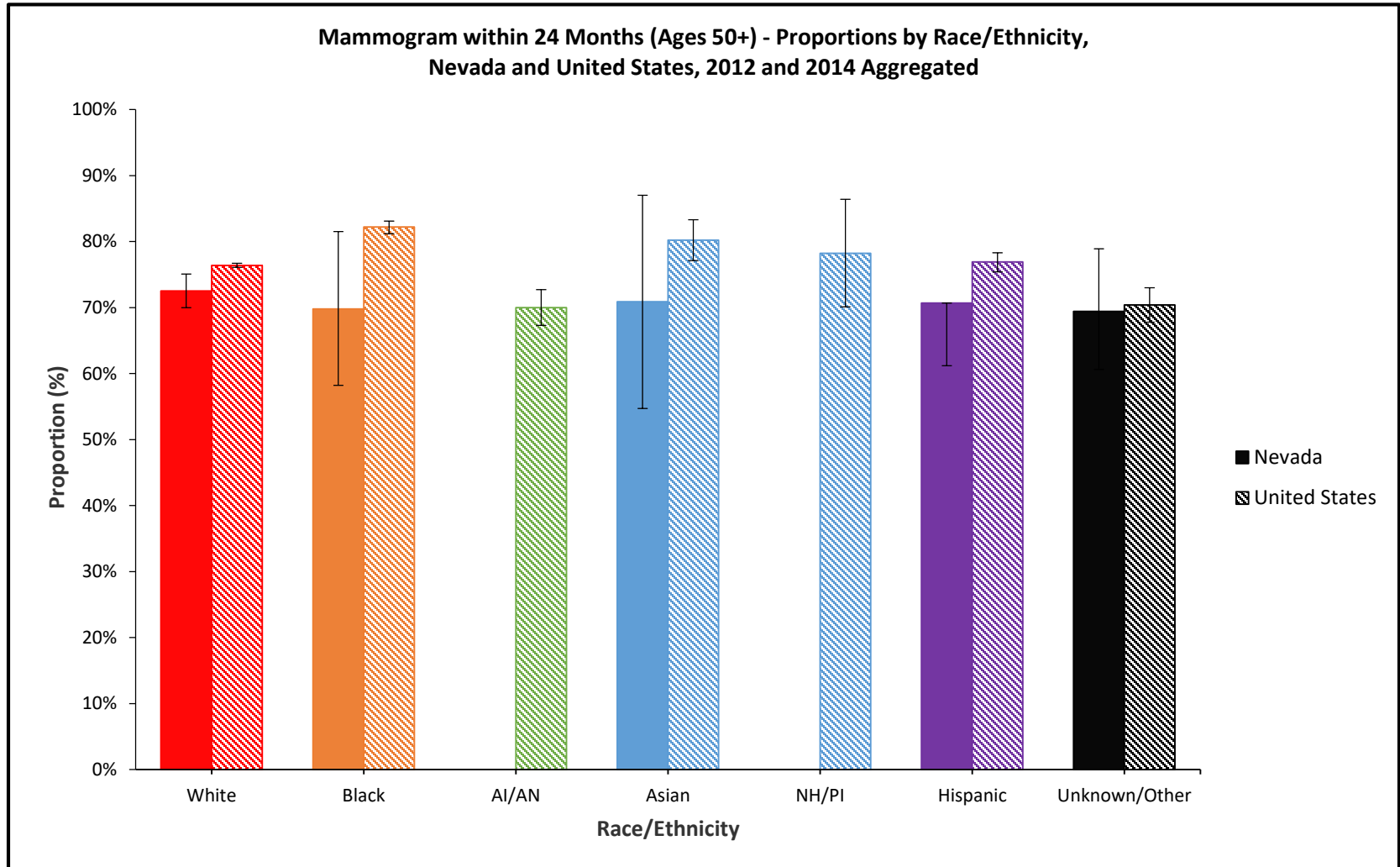


# Current High School Smokers



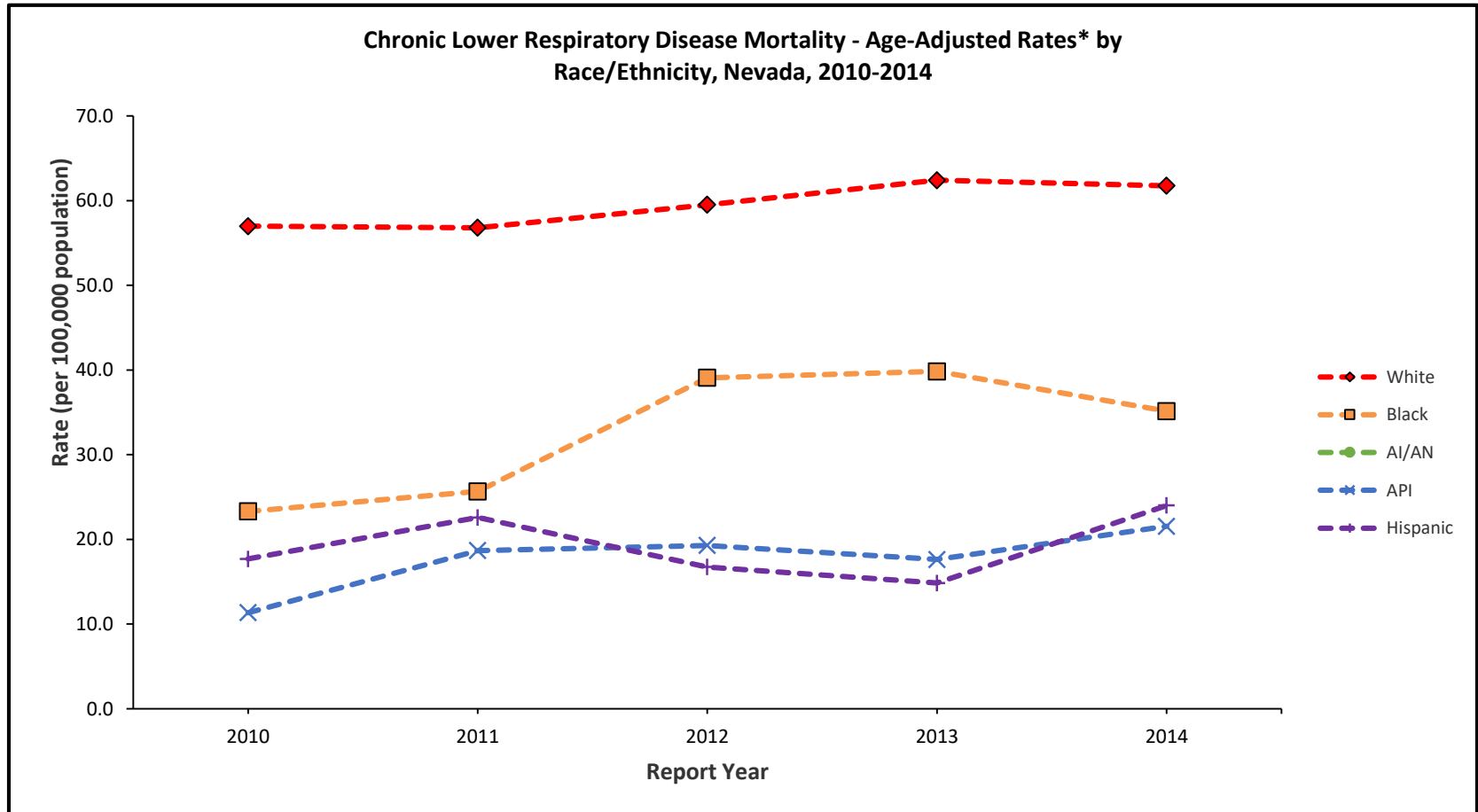
Source: Division of Public and Behavioral Health, Nevada Youth Risk Behavior Survey (YRBS) 2013 Report and Centers for Disease Control and Prevention (CDC) Youth Risk Behavior Surveillance System (YRBSS), data as of September 2015.

# Mammogram



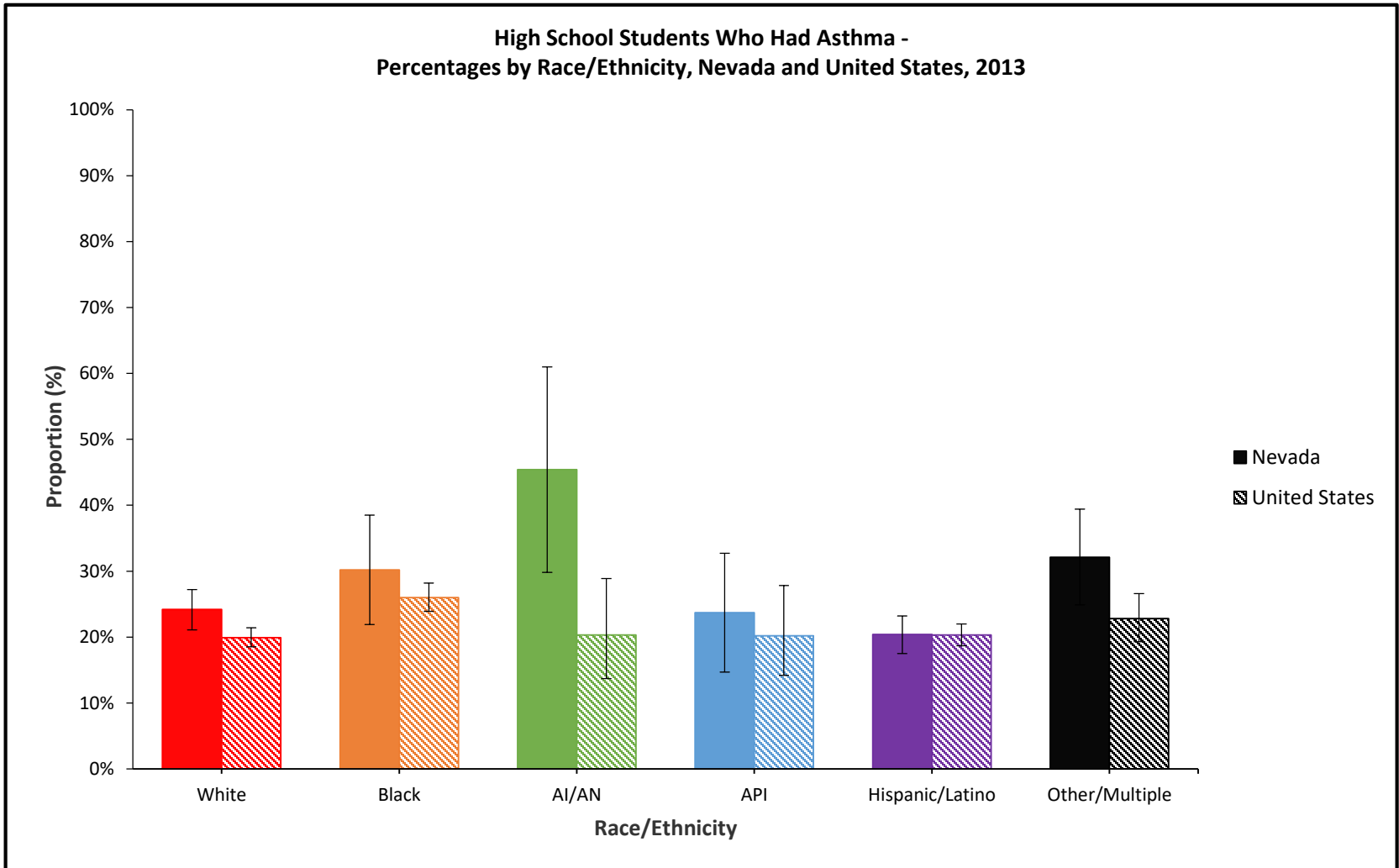
Source: Division of Public and Behavioral Health, Behavioral Risk Factor Surveillance System (BRFSS), data as of September 2015

# Chronic Lower Respiratory Disease



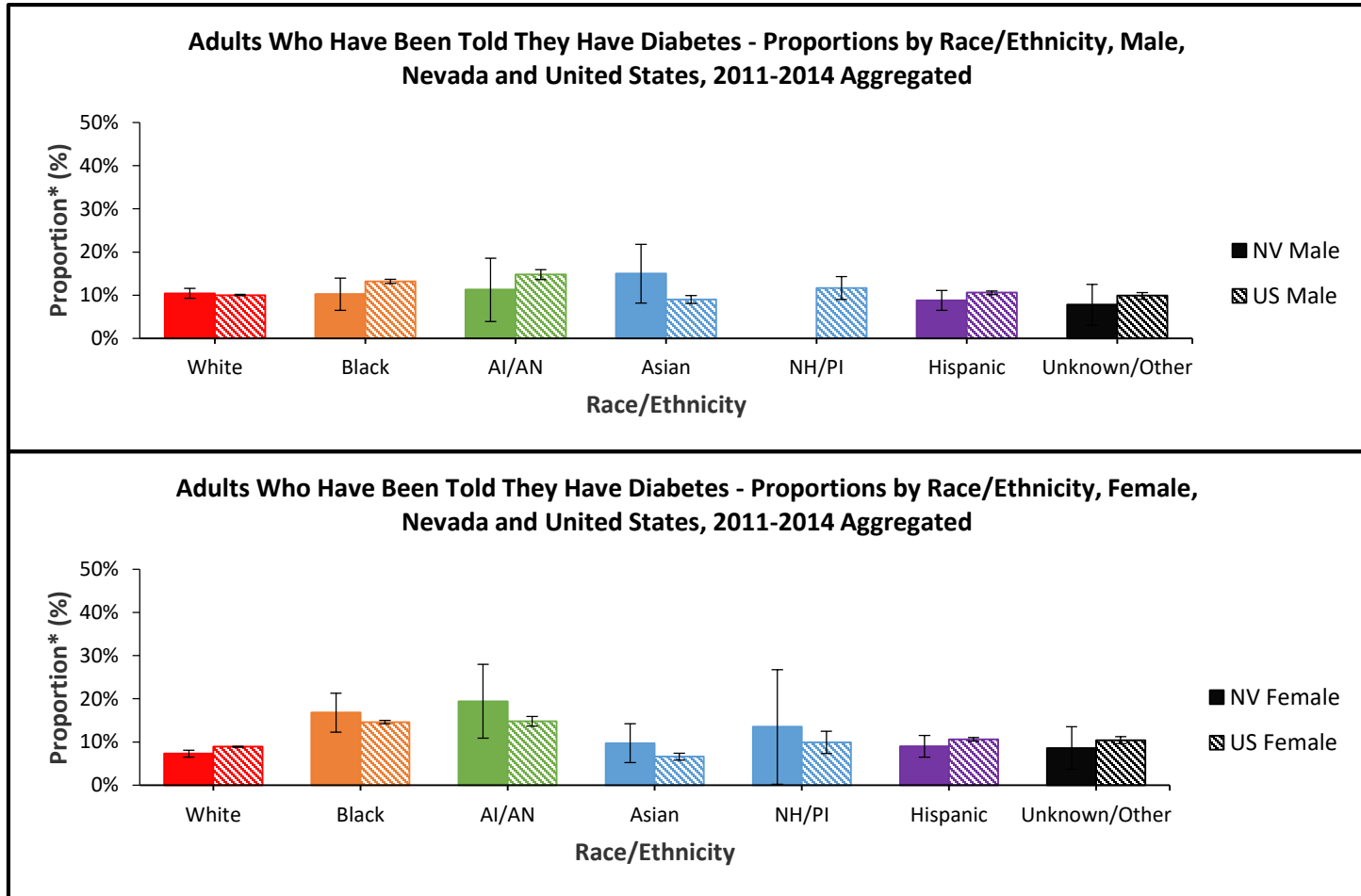
Division of Public and Behavioral Health, WEVRRS, data as of September 2015.

# Asthma



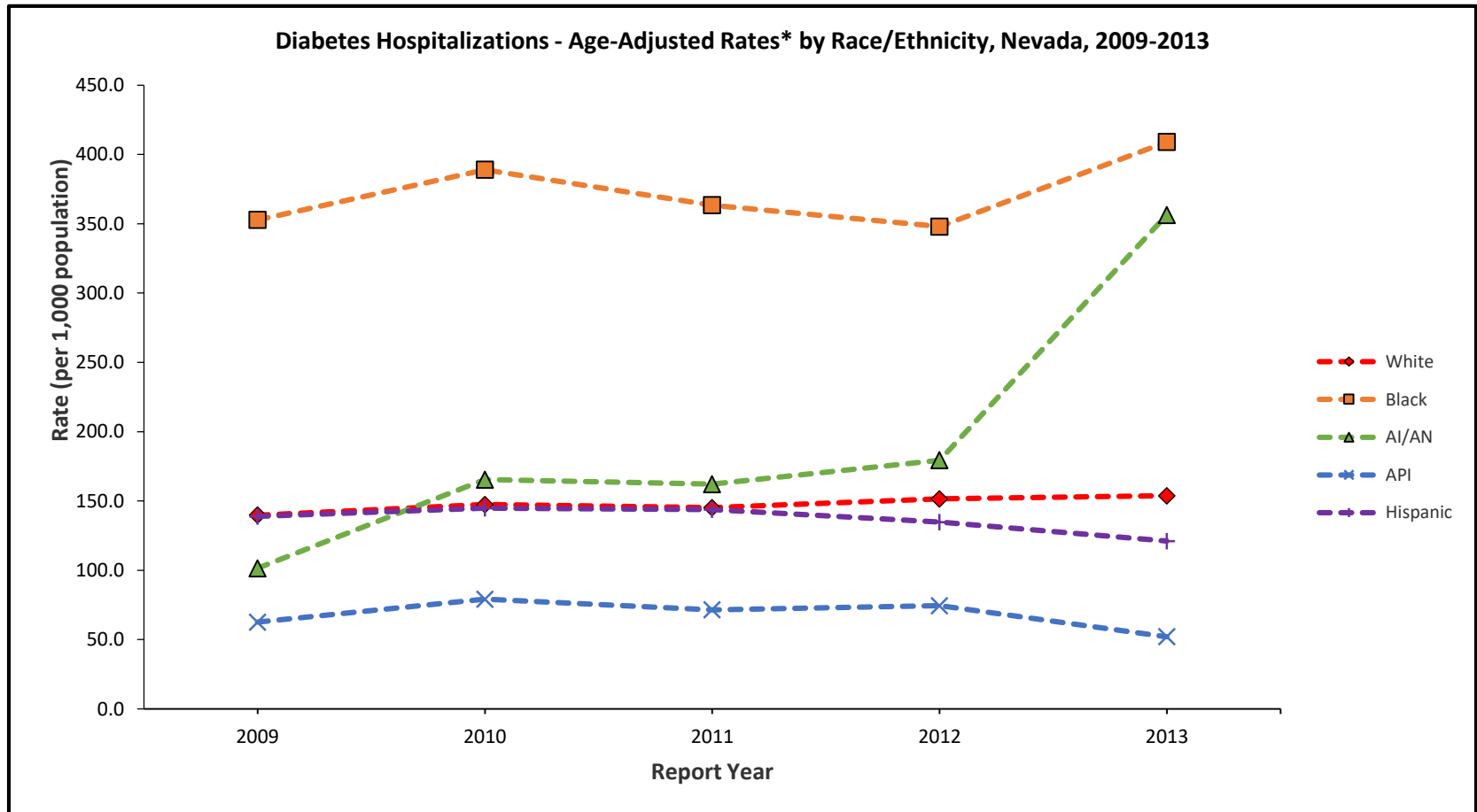
Source: Division of Public and Behavioral Health, Nevada Youth Risk Behavior Survey (YRBS) 2013 Report and Centers for Disease Control and Prevention (CDC) Youth Risk Behavior Surveillance System (YRBSS), data as of September 2015.

# Diabetes - Morbidity



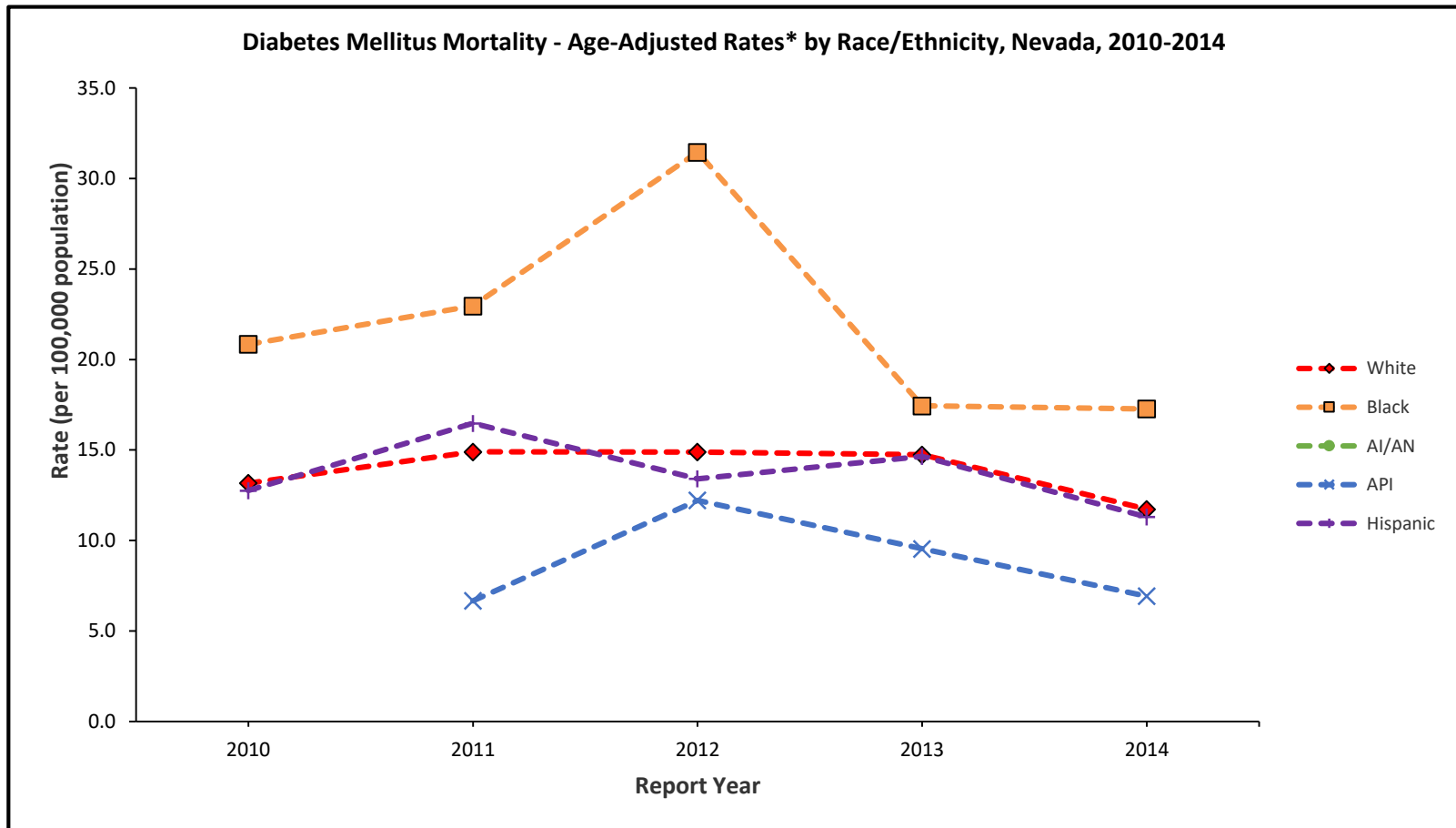
Source: Division of Public and Behavioral Health, Behavioral Risk Factor Surveillance System (BRFSS), data as of September 2015

# Diabetes-related Hospitalizations



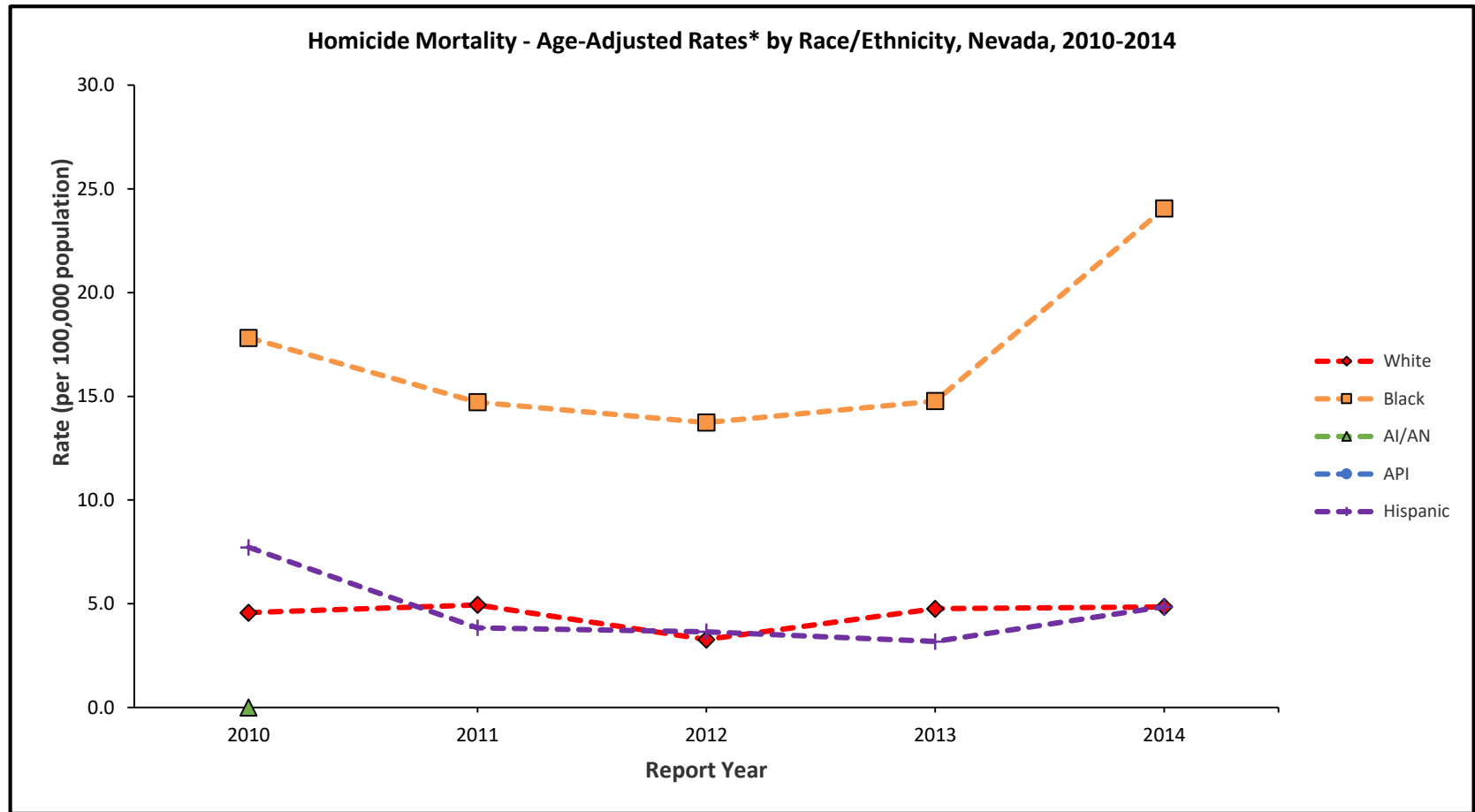
Source: Division of Public and Behavioral Health, Hospital Inpatient Billing (HIB) 2013 data as of September 2014; 2012, 2011, 2009 data as of June 2013; 2010 data as of November 2013.

# Diabetes - Mortality



Division of Public and Behavioral Health, WEVRRS, data as of September 2015

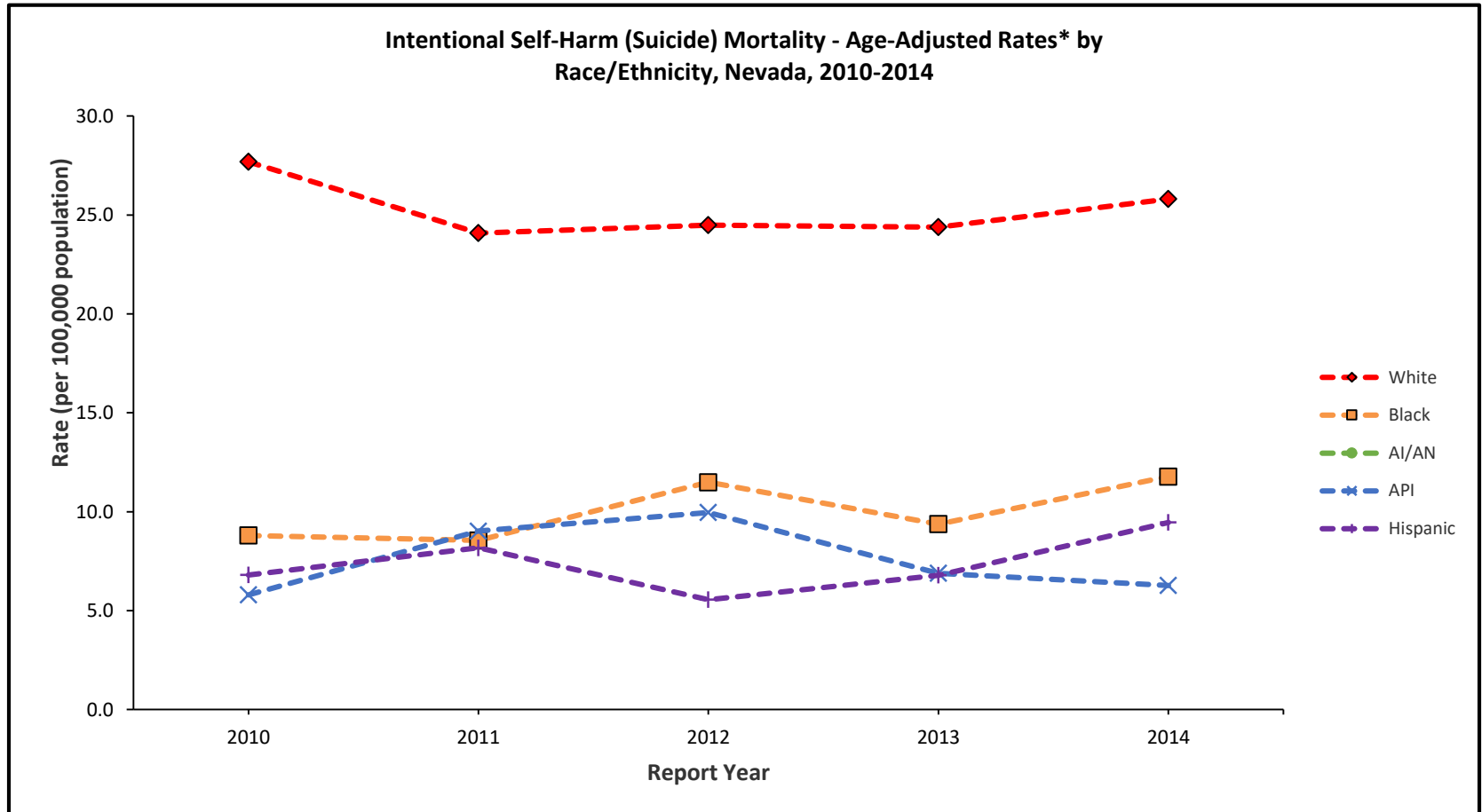
# Homicide



Division of Public and Behavioral Health, WEVRRS, data as of September 2015

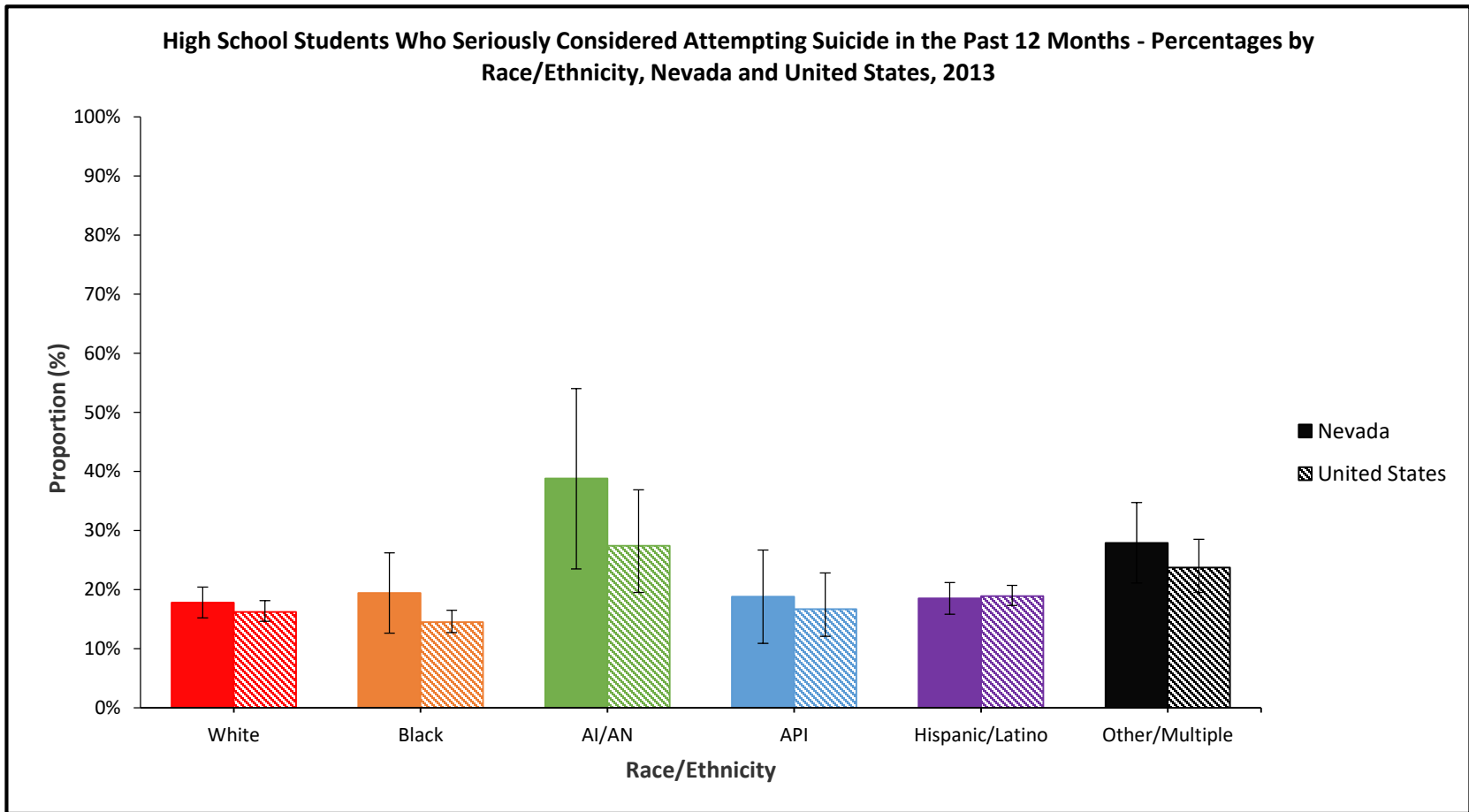


# Suicide



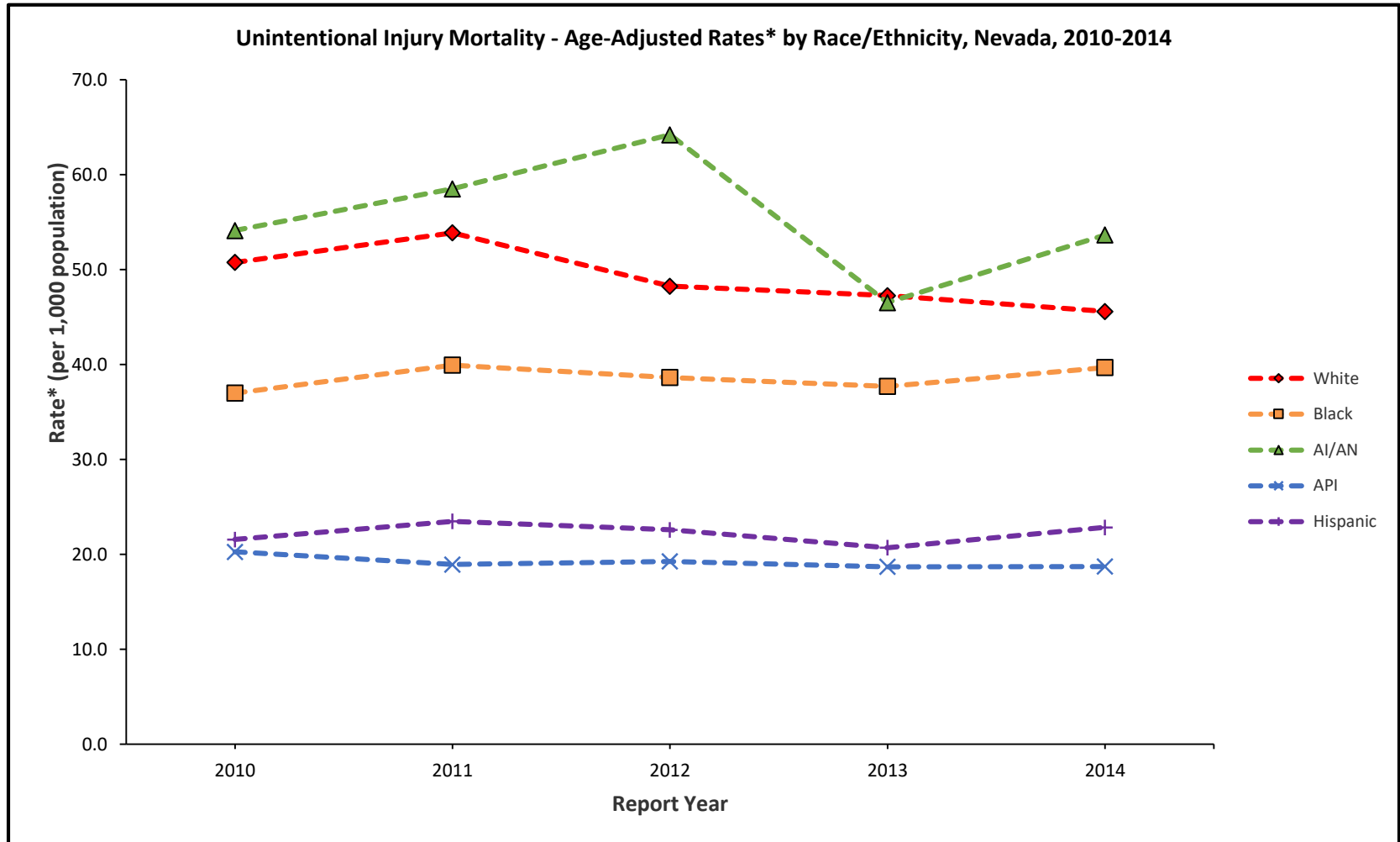
Division of Public and Behavioral Health, WEVRRS, data as of September 2015

# Suicide Ideation



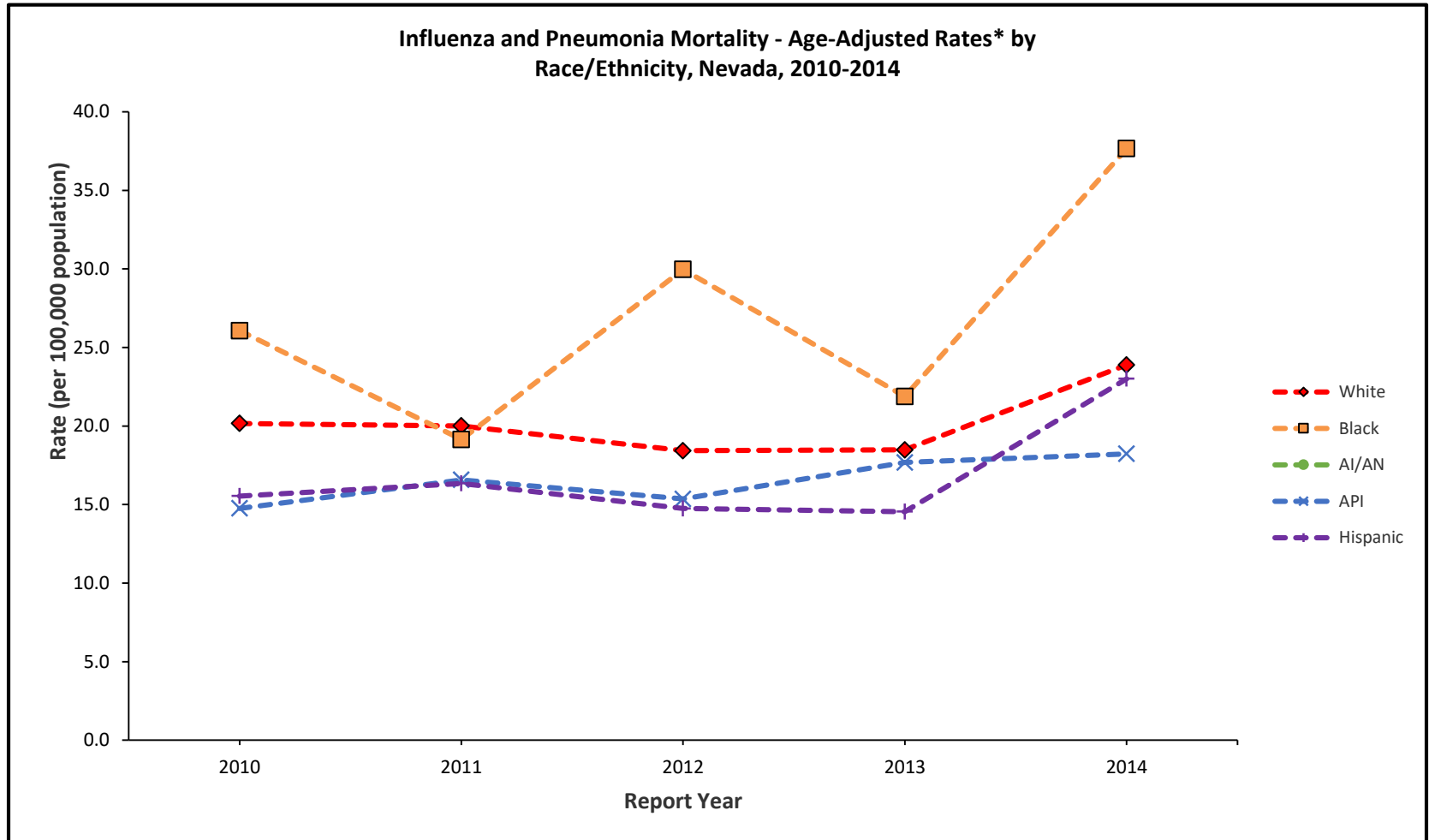
Source: Division of Public and Behavioral Health, Nevada Youth Risk Behavior Survey (YRBS) 2013 Report and Centers for Disease Control and Prevention (CDC) Youth Risk Behavior Surveillance System (YRBSS), data as of September 2015.

# Unintentional Injury



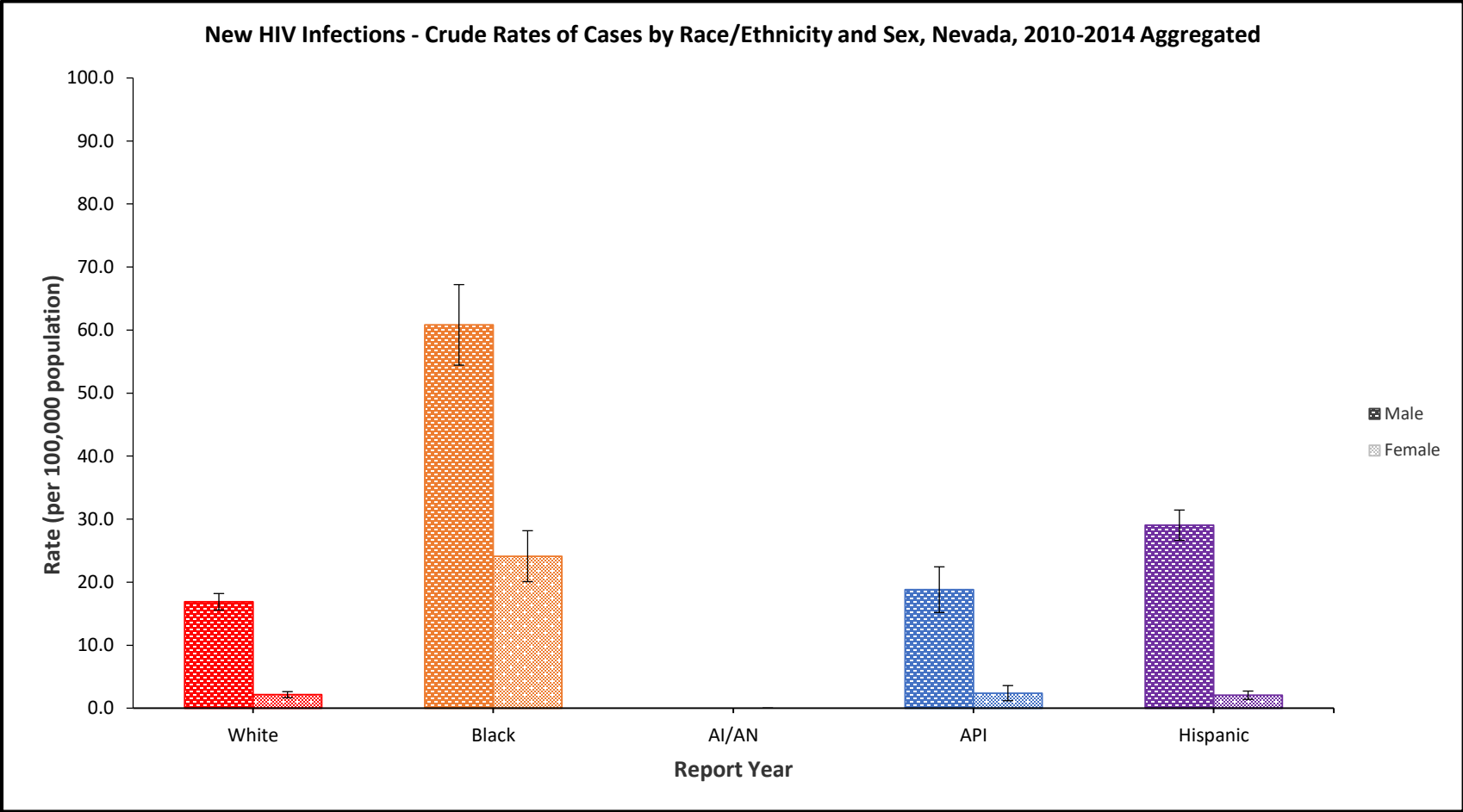
Division of Public and Behavioral Health, WEVRRS, data as of September 2015.

# Influenza/Pneumonia Mortality



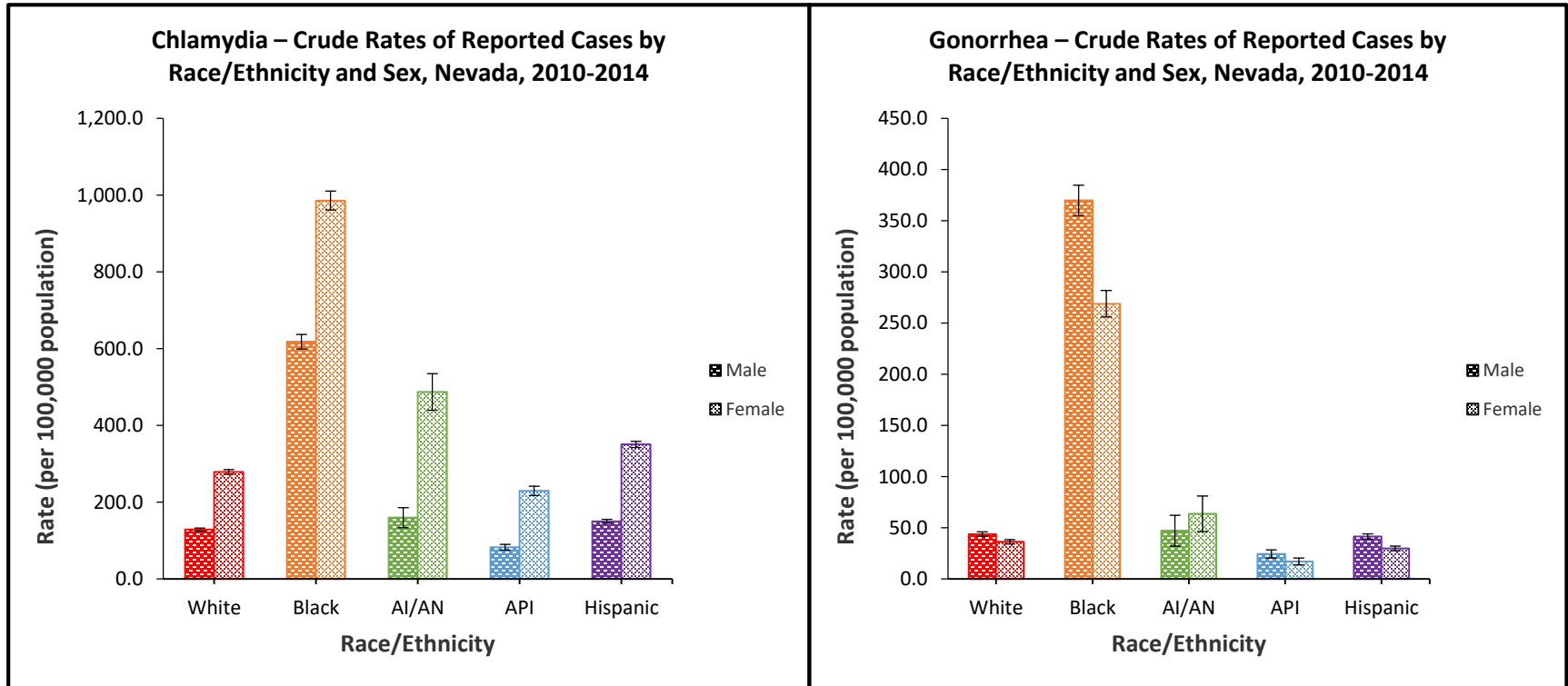
*Division of Public and Behavioral Health, WEVRRS, data as of September 2015*

# HIV Infections



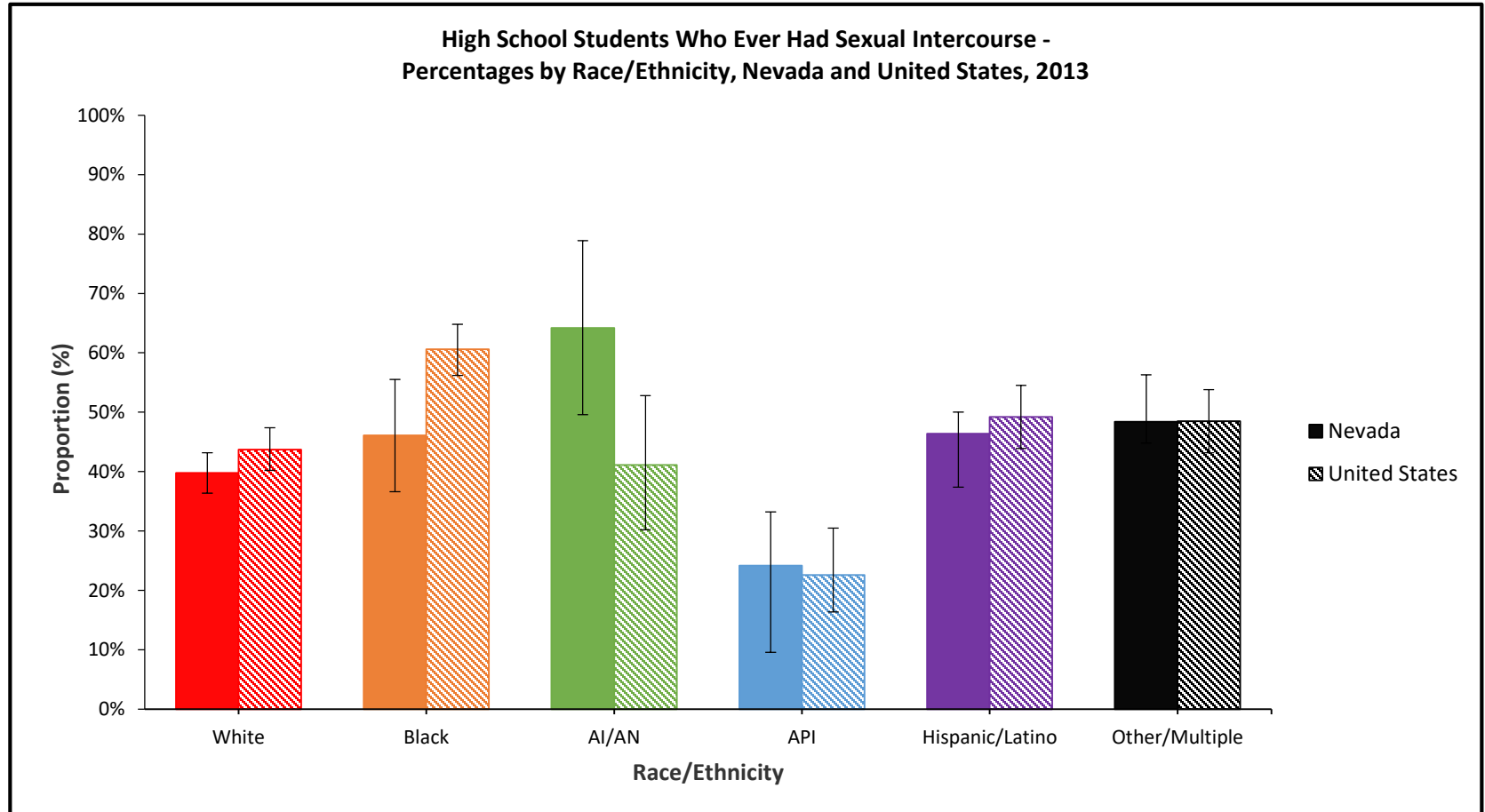
Source: Division of Public and Behavioral Health, HIV/AIDS Reporting System (eHARS), data as of July 2015.

# Sexually Transmitted Infections



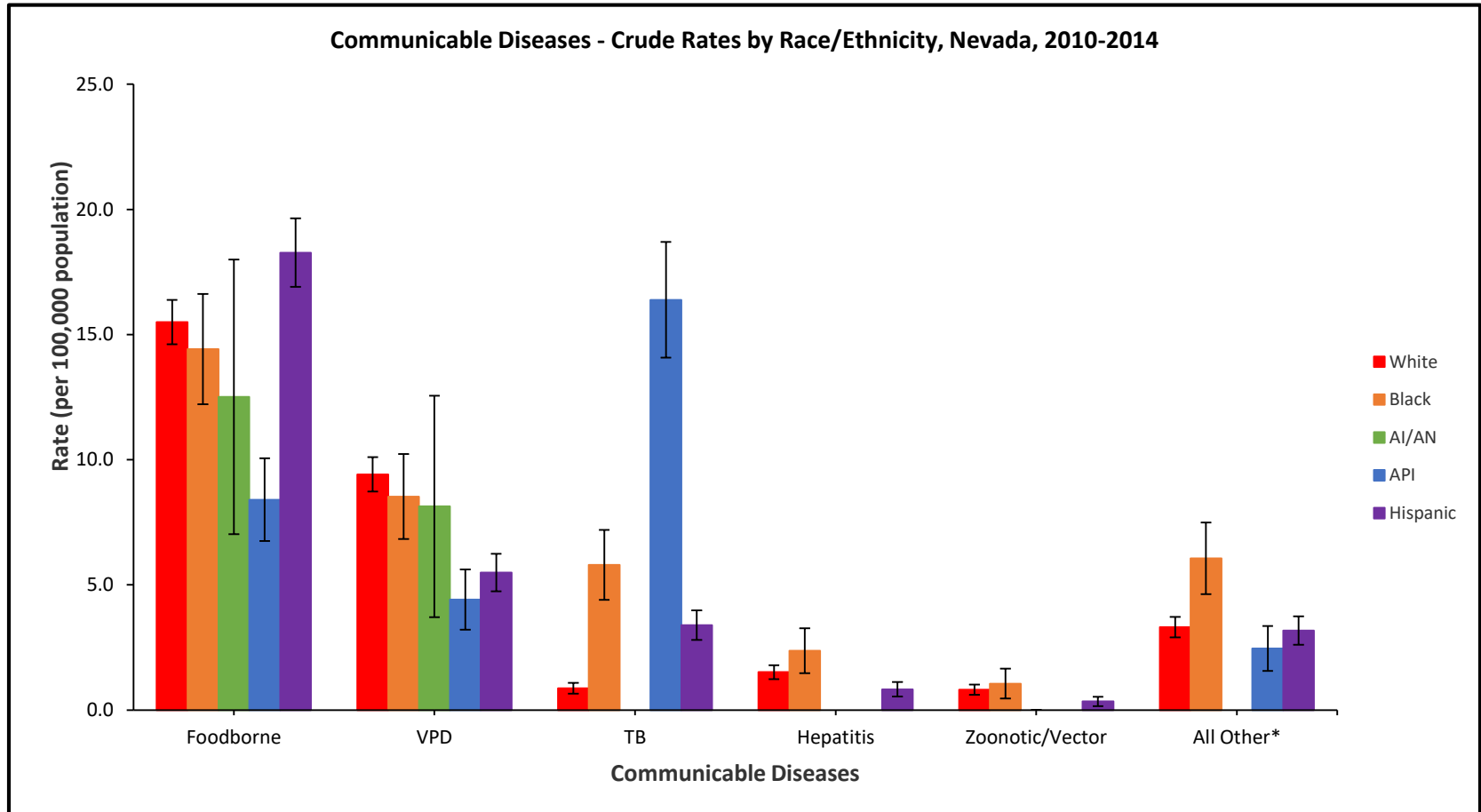
Source: Division of Public and Behavioral Health, Sexually Transmitted Disease Management Information Systems (STD\*MIS), data as of July 2015.

# Sexual Intercourse



Source: Division of Public and Behavioral Health, Nevada Youth Risk Behavior Survey (YRBS) 2013 Report and Centers for Disease Control and Prevention (CDC) Youth Risk Behavior Surveillance System (YRBSS), data as of September 2015.

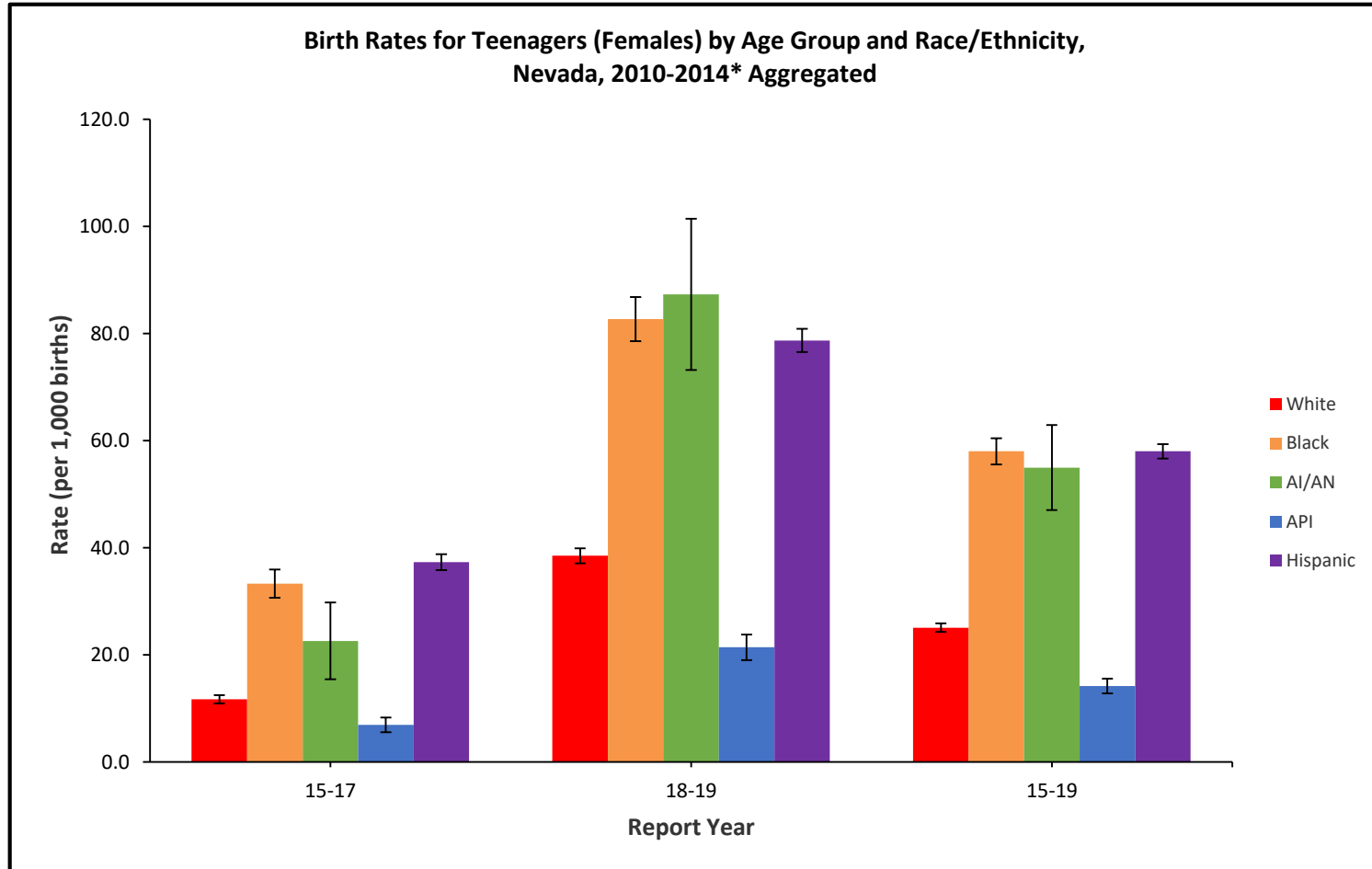
# Communicable Diseases



Source: Division of Public and Behavioral Health, National Electronic Disease Surveillance System (NEDSS) Base System (NBS), data as of September 2015.

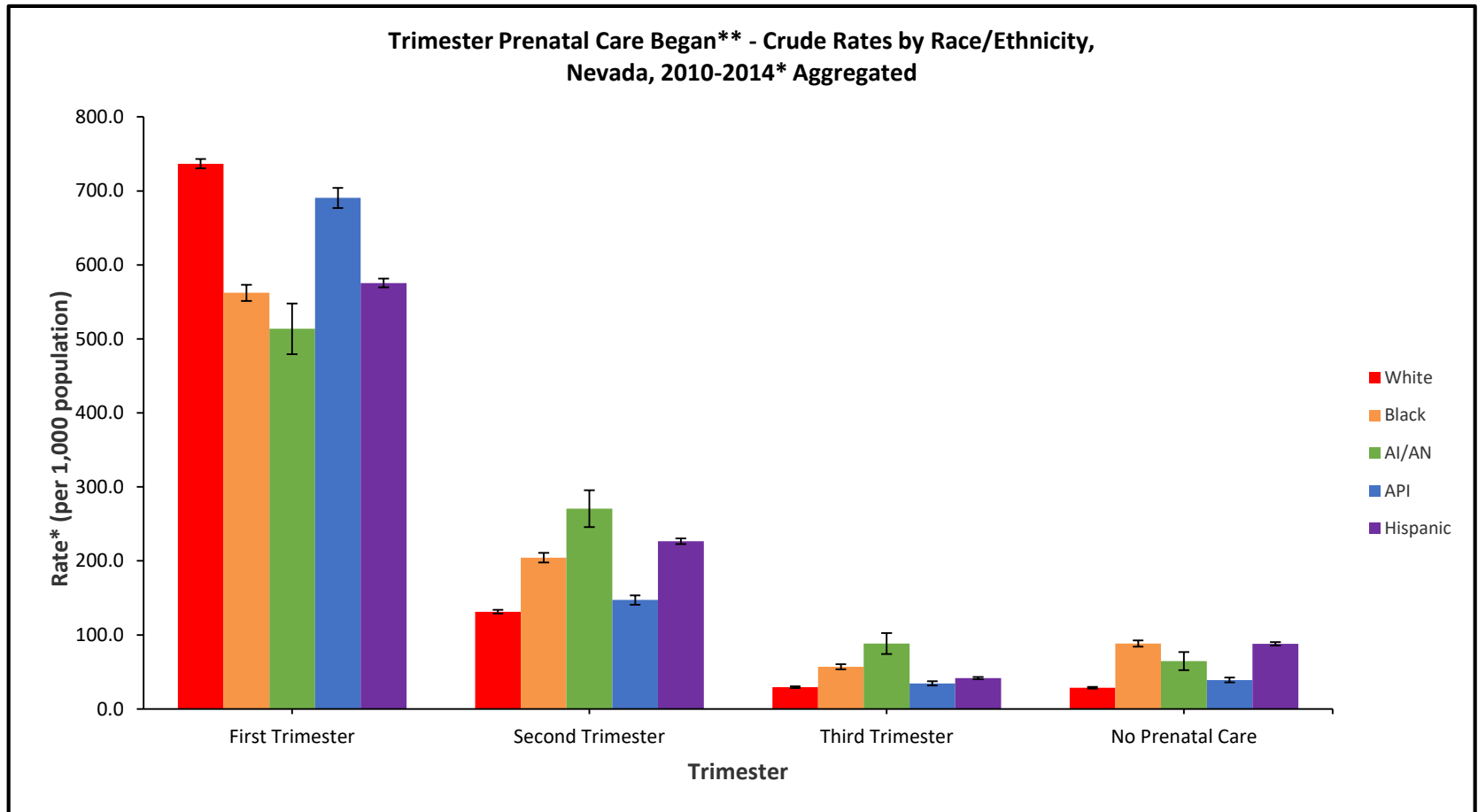


# Teen Birth Rates



Source: Division of Public and Behavioral Health, WEVRRS, data as of September 2015.

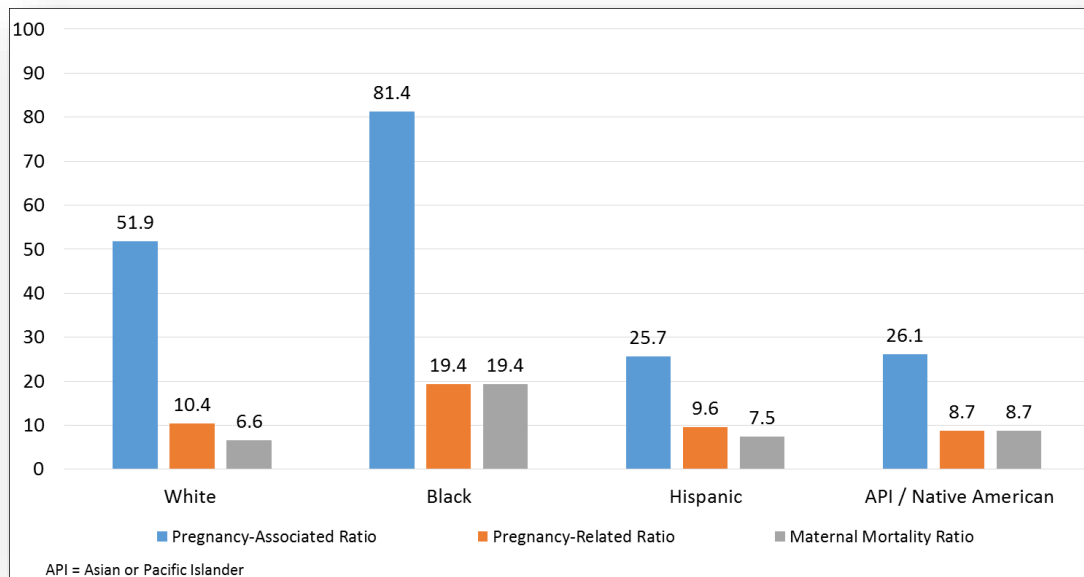
# Prenatal Care



Source: Division of Public and Behavioral Health, WEVRRS, data as of September 2015.

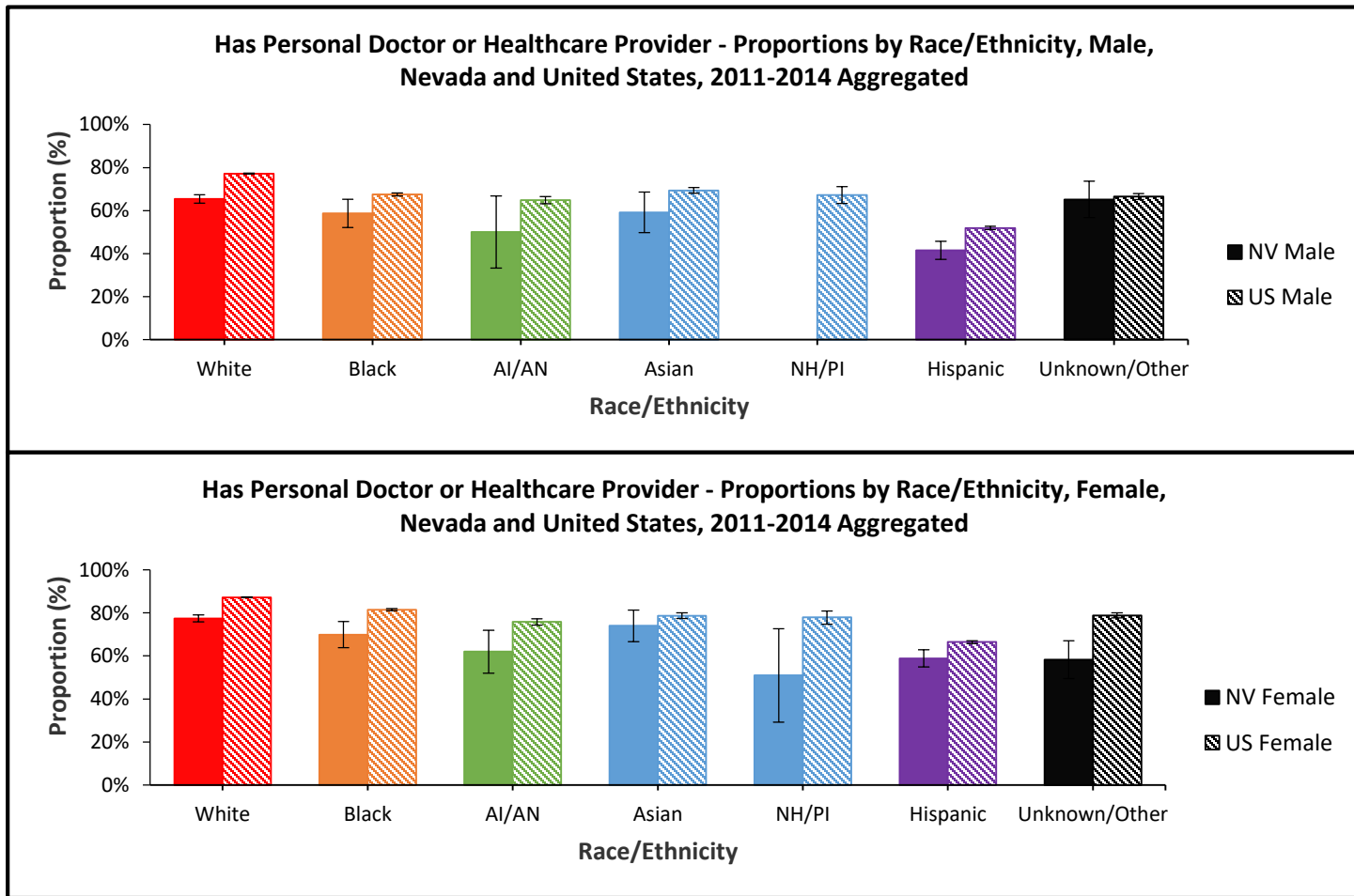
# Death Ratio per 100,000 Live Births by Race/Ethnicity, Nevada 2008-2014

- From 2008 to 2014, Black women had the highest ratio of pregnancy deaths by race/ethnicity
- The ratio of Black women's pregnancy-associated deaths was more than 3 times the ratio of Hispanic women's pregnancy-associated deaths.
- All of the race/ethnic groups in Nevada except for Black women met the Healthy People 2020 target of less than 11.4 maternal deaths per 100,000 live births.



<http://dpbh.nv.gov/uploadedFiles/dpbhngov/content/Programs/OPHIE/dta/Publications/Maternal%20Mortality%202003%20to%202014%20Final.pdf>

# Personal Doctor



Source: Division of Public and Behavioral Health, Behavioral Risk Factor Surveillance System (BRFSS), data as of September 2015

# Data Sources

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- Nevada Minority Health Report -  
[http://dpbh.nv.gov/Programs/OPHIE/dta/Publications/OPHIE\\_-\\_Special\\_Publications/](http://dpbh.nv.gov/Programs/OPHIE/dta/Publications/OPHIE_-_Special_Publications/)
- Maternal Mortality -  
<http://dpbh.nv.gov/uploadedFiles/dpbhnavgov/content/Programs/OPHIE/dta/Publications/Maternal%20Mortality%202003%20to%202014%20Final.pdf>
- Needs Assessment -  
[http://dpbh.nv.gov/uploadedFiles/dpbhnavgov/content/Programs/OPHIE/Docs/Part%20I\\_FV\\_final%20Nov%202015.pdf](http://dpbh.nv.gov/uploadedFiles/dpbhnavgov/content/Programs/OPHIE/Docs/Part%20I_FV_final%20Nov%202015.pdf)

# Contact Information

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