

10/5/2017

# YOUTH MARIJUANA IN KING COUNTY: DO WE SEE INEQUITIES?

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# Goals

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- Do we see inequities by place/race/gender/sexual orientation?
- Do the data resonate with your experience/hypotheses?
- Why are the data showing what it is showing?



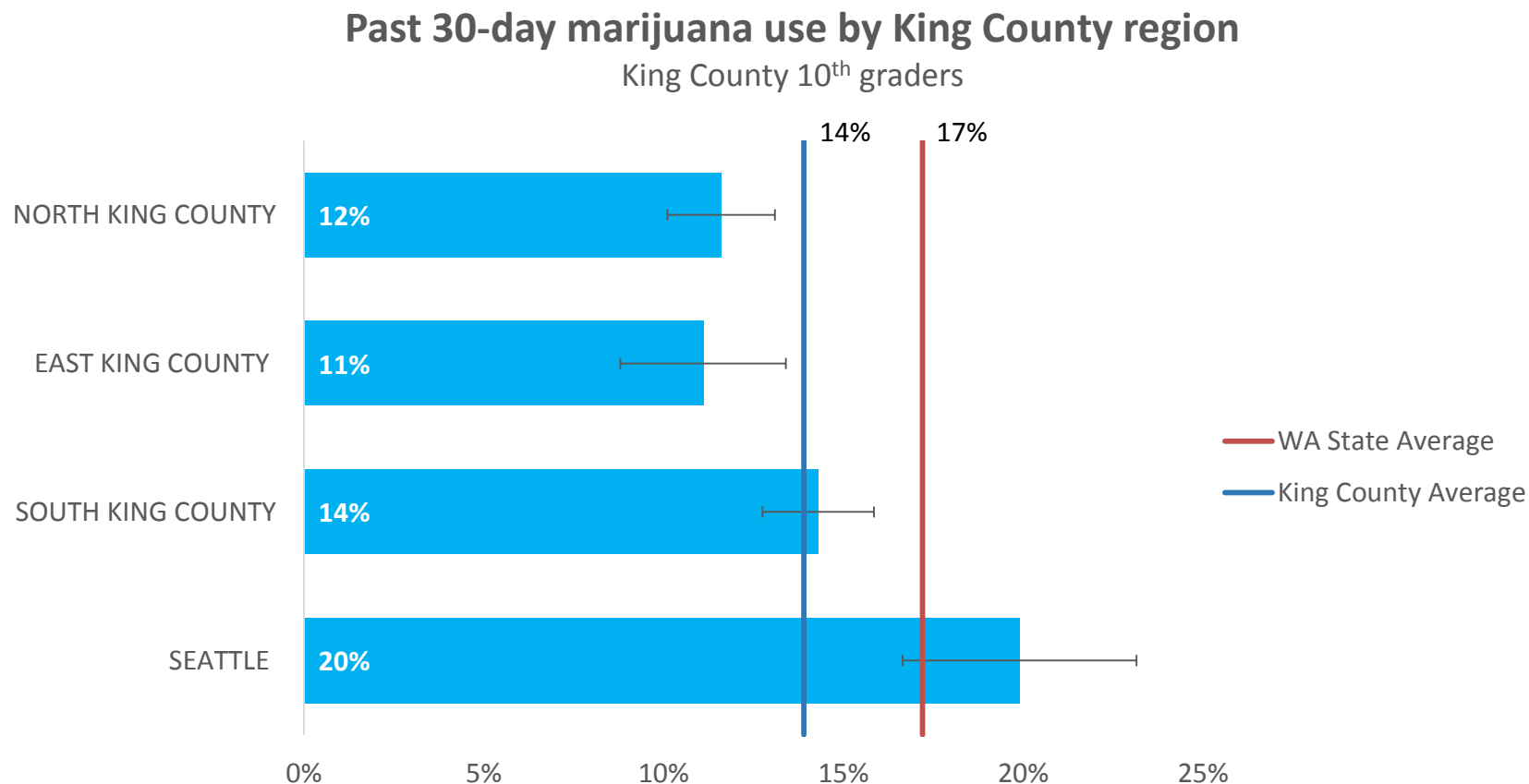
# Youth marijuana use by place, race, gender, and sexual orientation

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# What differences do you see in youth marijuana use by place?



Source: Washington State Healthy Youth Survey, 2016

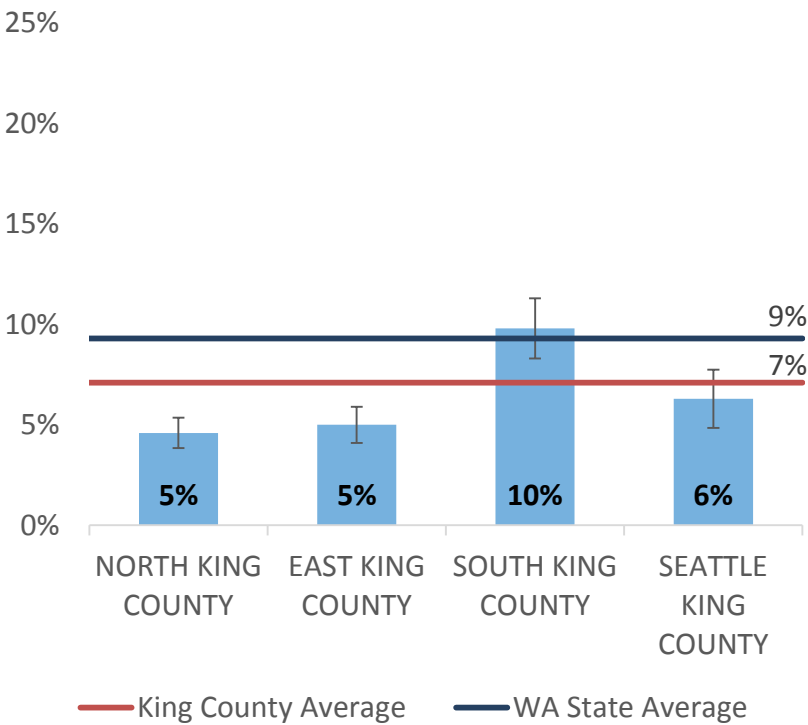
 : Confidence interval shows range that includes true value 95% of the time



# How does the percentage of youth reporting marijuana use and driving/riding compared across King County areas?

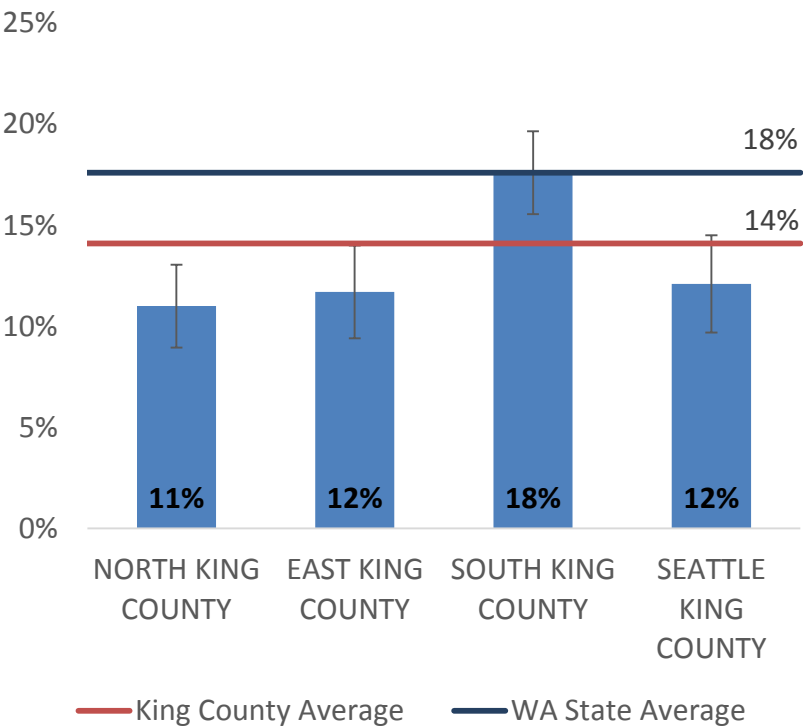
## Drove after using marijuana by sub-county region

As reported by King County 10<sup>th</sup> grade students



## Rode with a using driver by sub-county region

As reported by King County 10<sup>th</sup> grade students

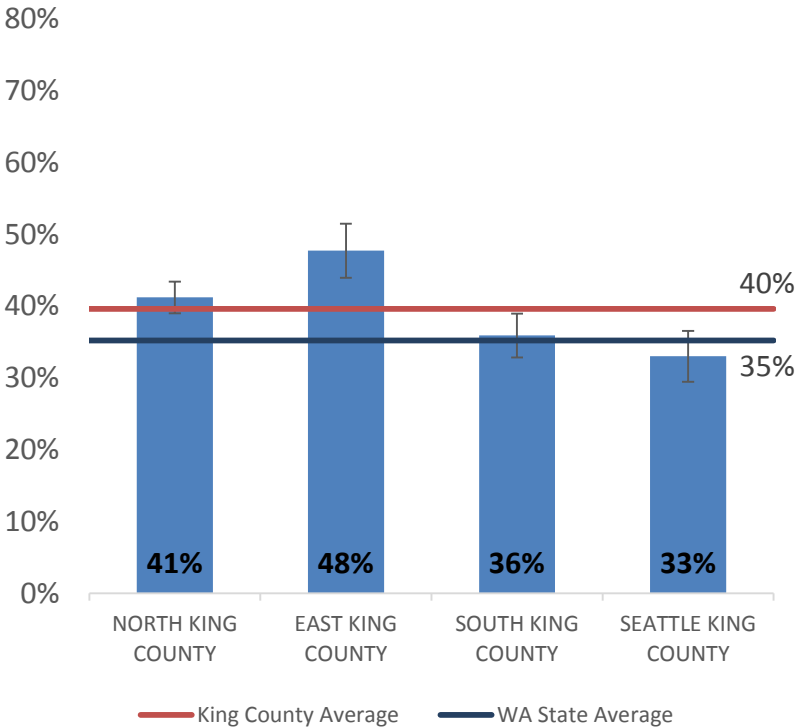


Source: Washington State Healthy Youth Survey, 2016  
: Confidence interval shows range that includes true value 95% of the time

# What does the data show about youth perceptions of harm and access to marijuana by place?

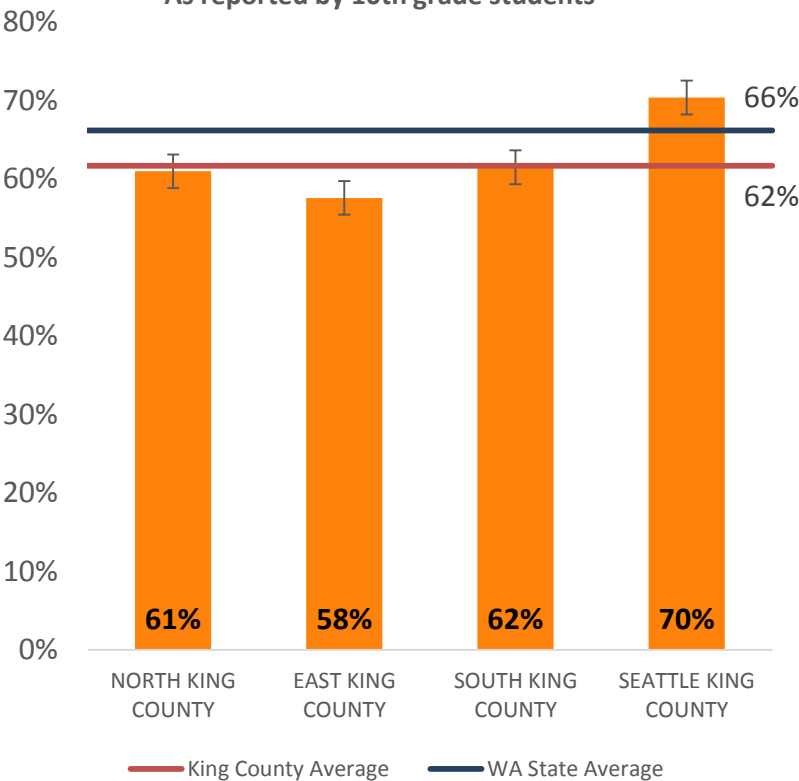
## Great risk of harm from regular use by sub-county region

As reported by King County 10th grade students



## Easy access to marijuana by sub-county region

As reported by 10th grade students

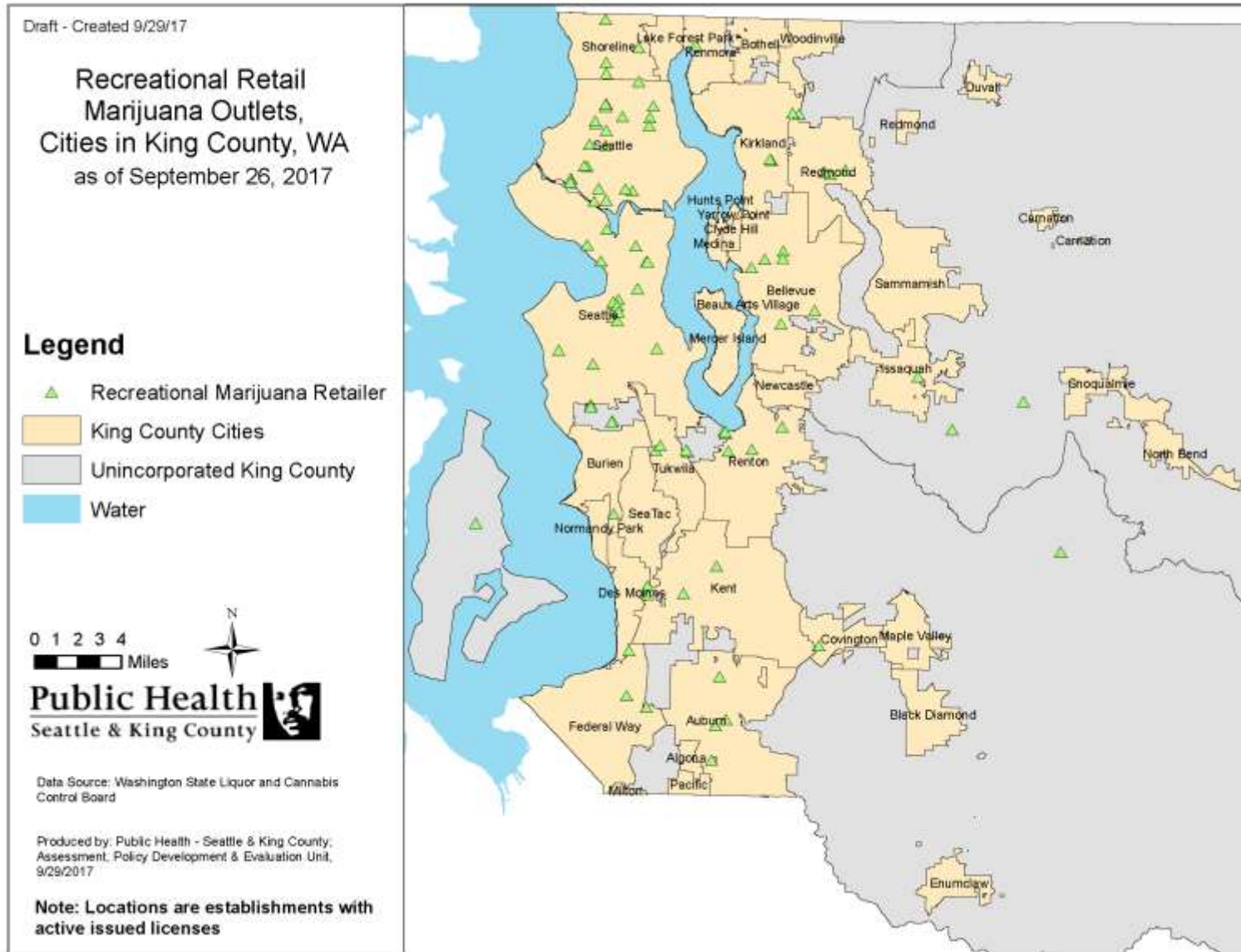


Source: Washington State Healthy Youth Survey, 2016

Confidence interval shows range that includes true value 95% of the time



# What other information would be helpful to include in the map?



## Does youth marijuana use differ by person characteristics?

Race

Gender

Sexual orientation

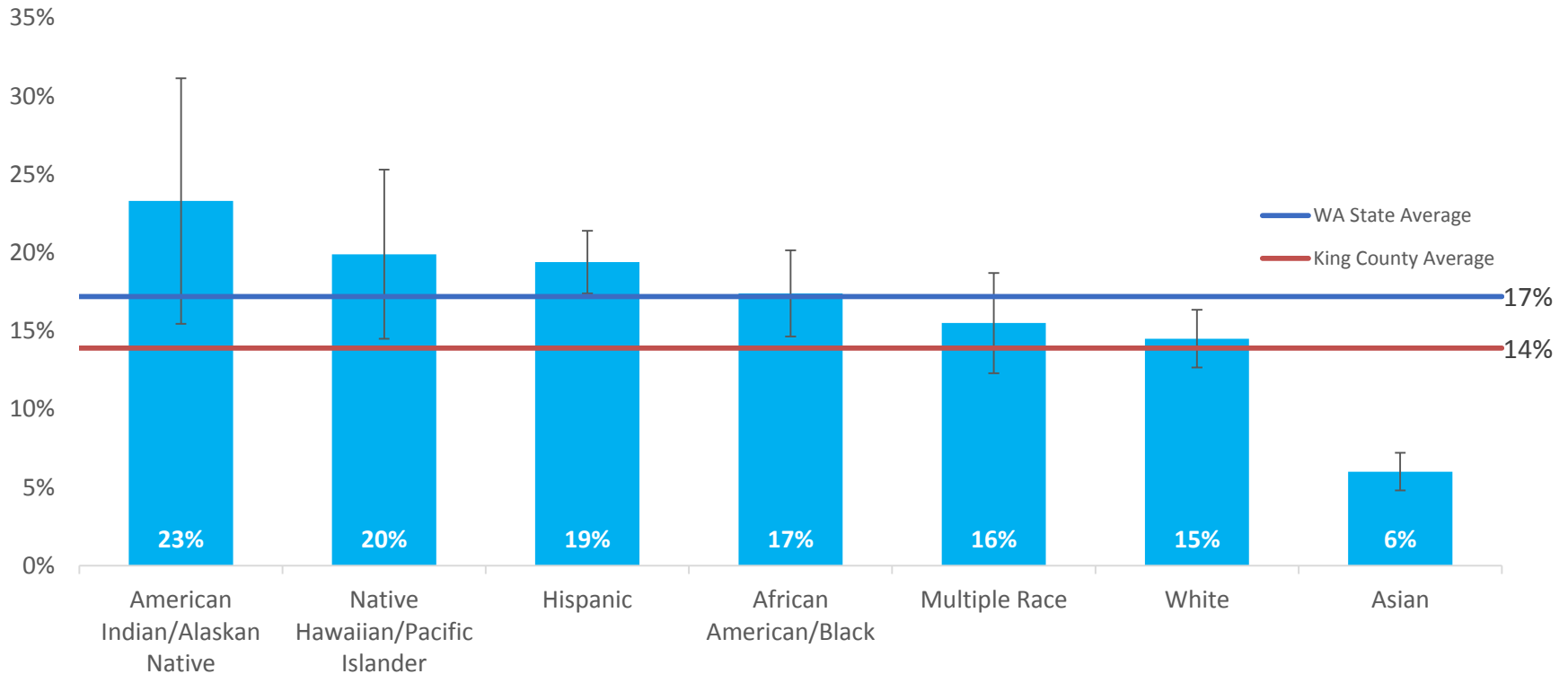




# What do you see when we look at youth marijuana use by race?

## Past 30-day marijuana use by race / ethnicity

King County 10<sup>th</sup> graders



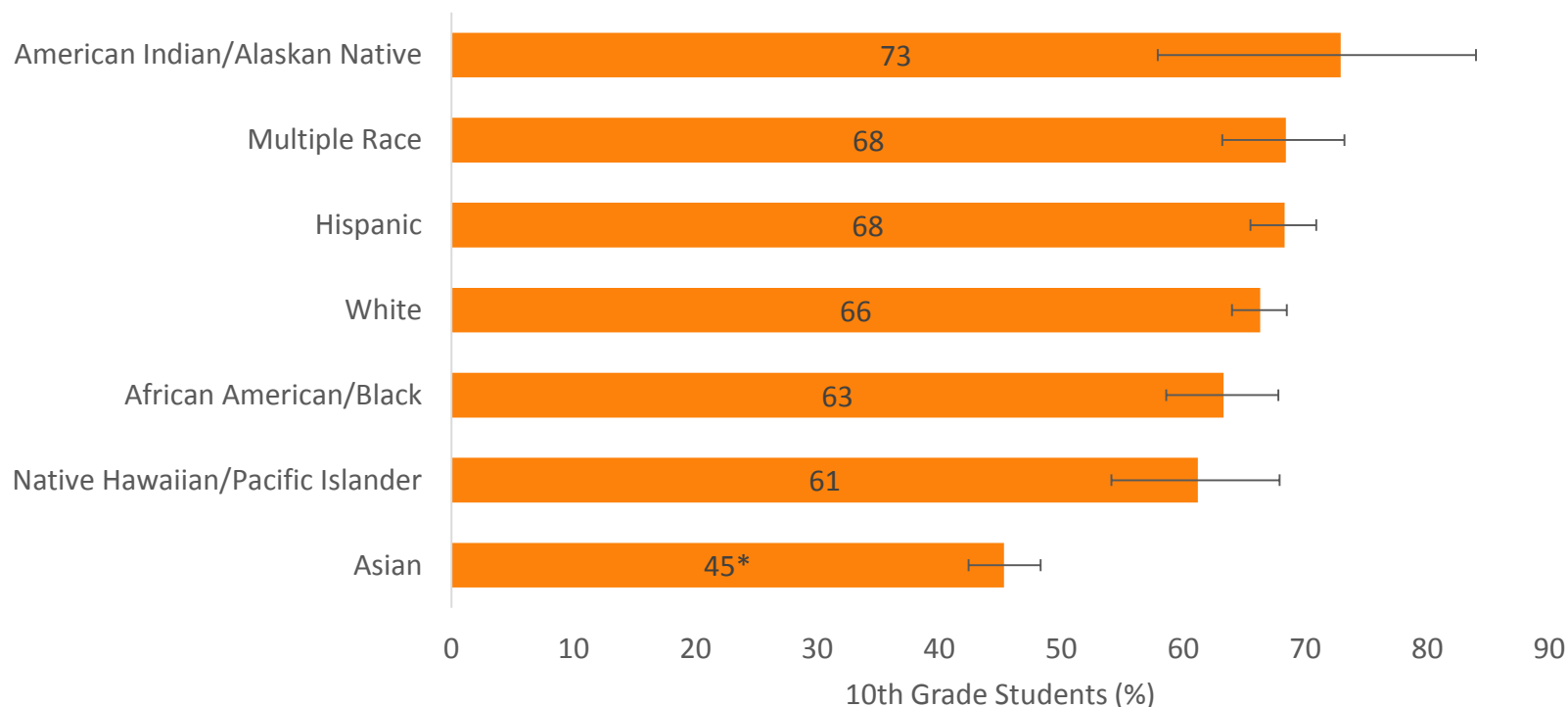
Source: Washington State Healthy Youth Survey, 2016

— : Confidence interval shows range that includes true value 95% of the time



# How does youth reported ease of access to marijuana differ by race?

Easy access to marijuana by race/ethnicity - Grade 10, King County, WA



\*Statistically different from white, NH students

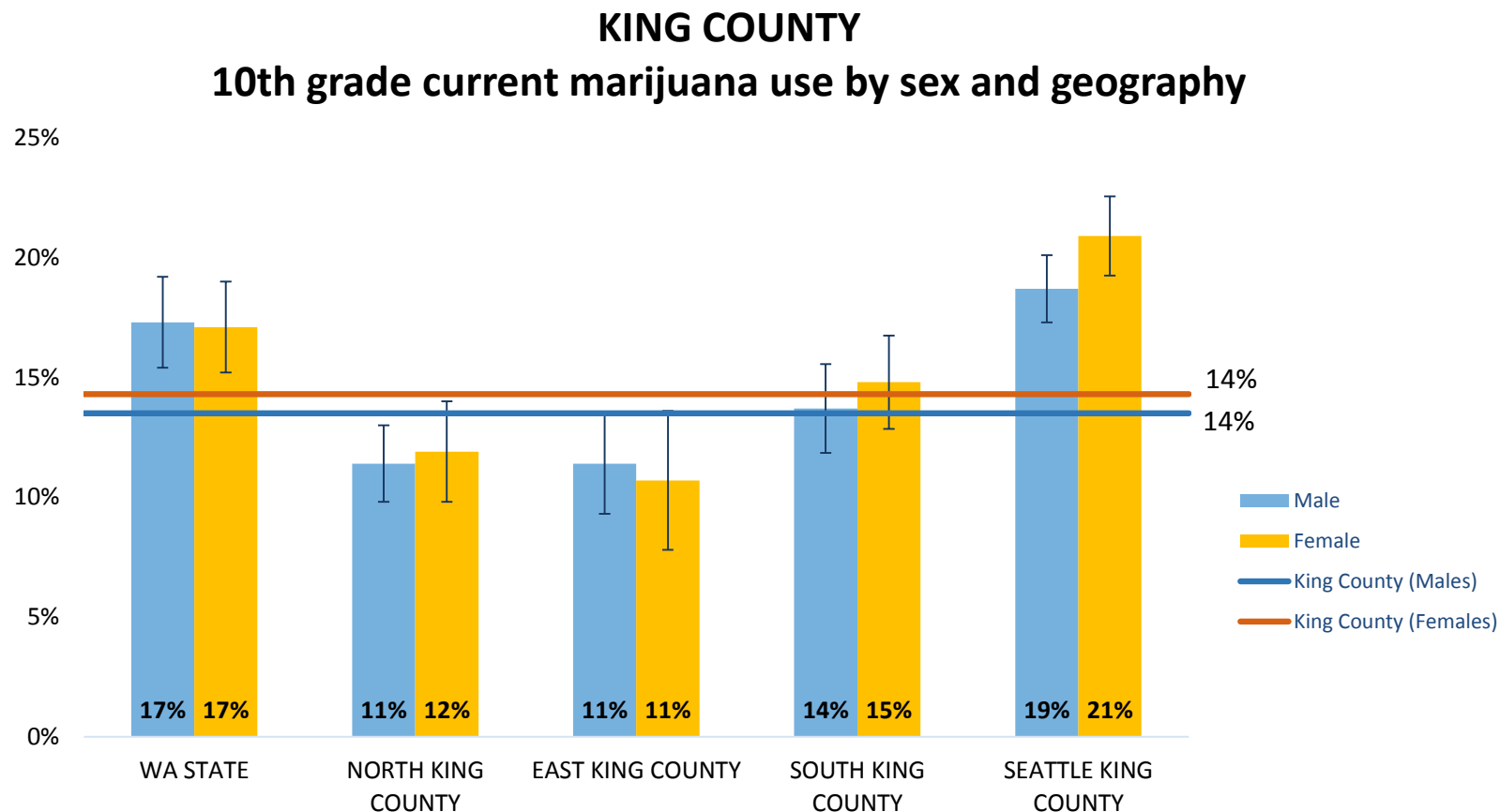
— confidence interval shows range that includes true value 95% of time

Source: Washington State Healthy Youth Survey, 2016

Produced by: Public Health - Seattle & King County, APDE, 10/3/2017



# Are there differences in youth marijuana use by gender across King County regions?



Source: Washington State Healthy Youth Survey, 2016

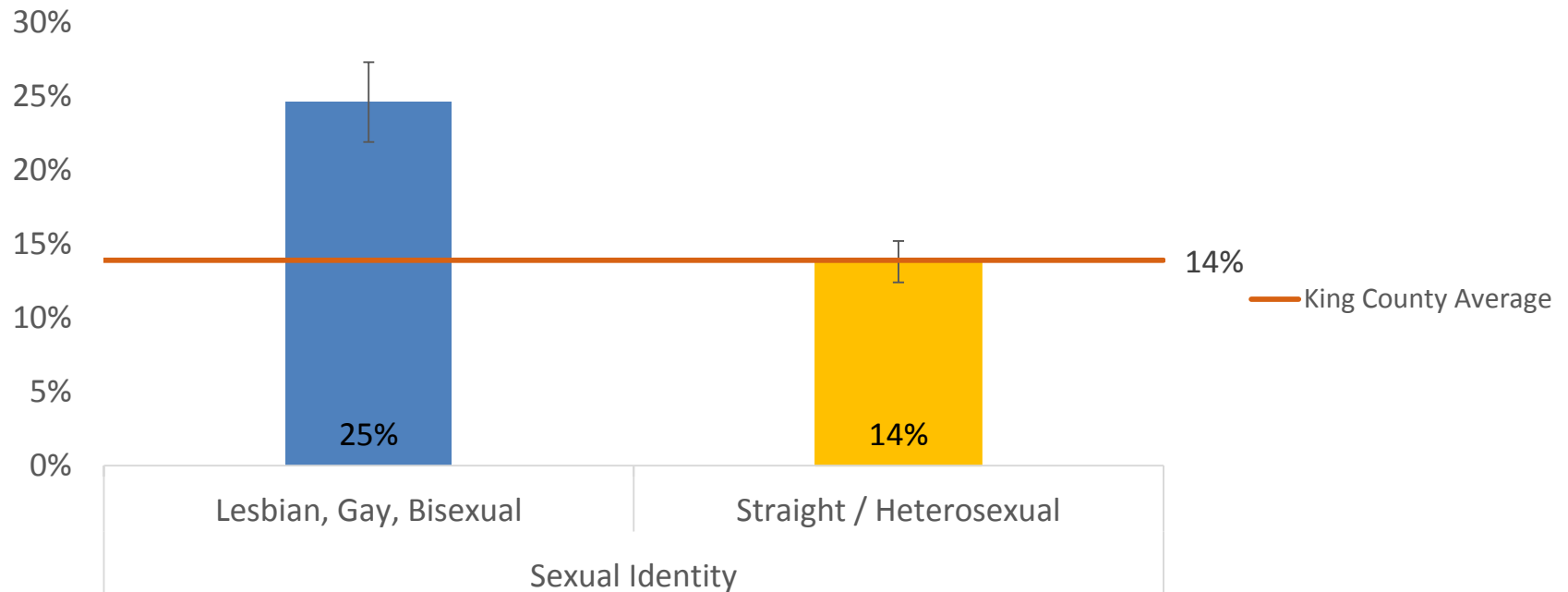
— : Confidence interval shows range that includes true value 95% of the time



# What does the data tell us about marijuana use among youth identifying as lesbian, gay or bisexual?

## Past 30-day marijuana use by sexual orientation

King County 10<sup>th</sup> graders



Source: Washington State Healthy Youth Survey, 2016

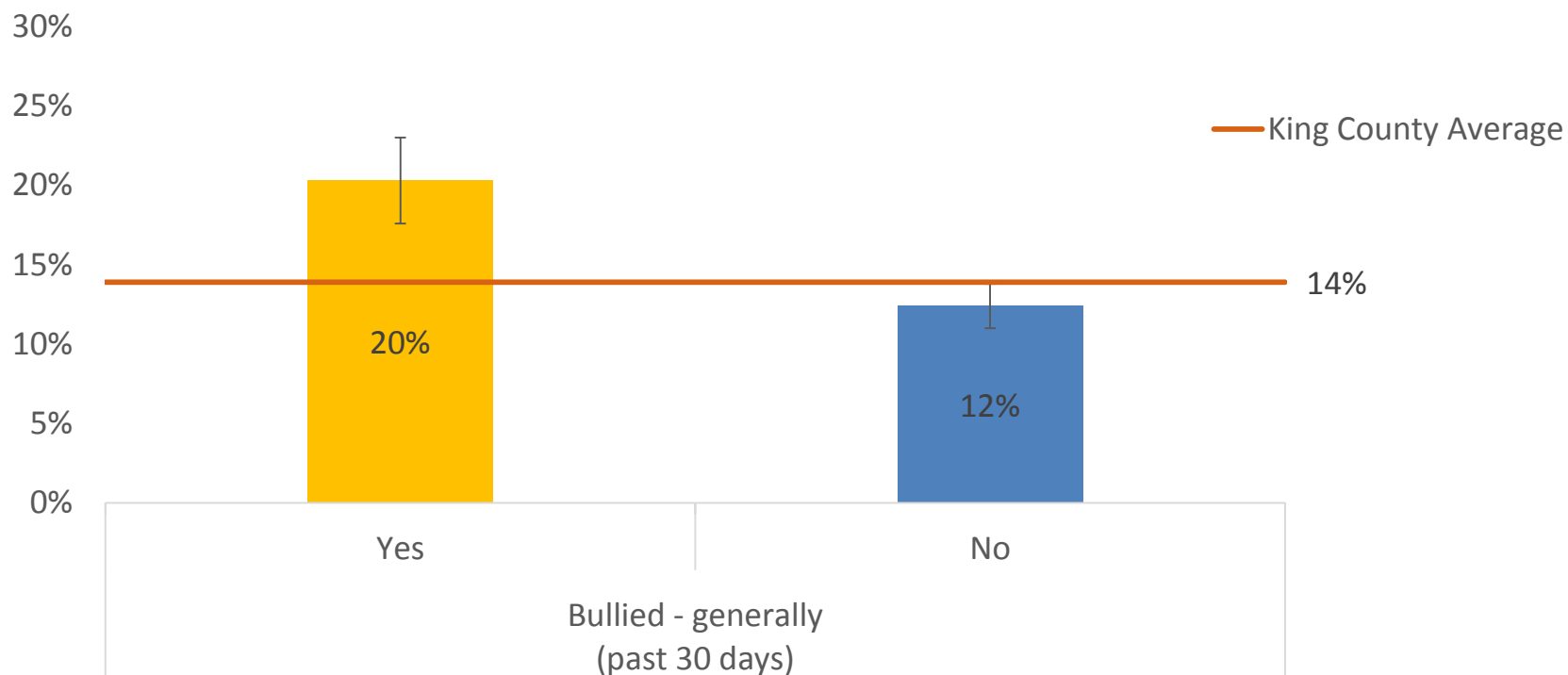
 : Confidence interval shows range that includes true value 95% of the time



# Are there differences in marijuana use among youth who experience bullying?

## Past 30-day marijuana use among bullied and non bullied

King County 10th Graders



Source: Washington State Healthy Youth Survey, 2016

 : Confidence interval shows range that includes true value 95% of the time



# Youth marijuana use and policy implications

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# Topics

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- **Access and exposure to retail**
- **Marijuana related school discipline**



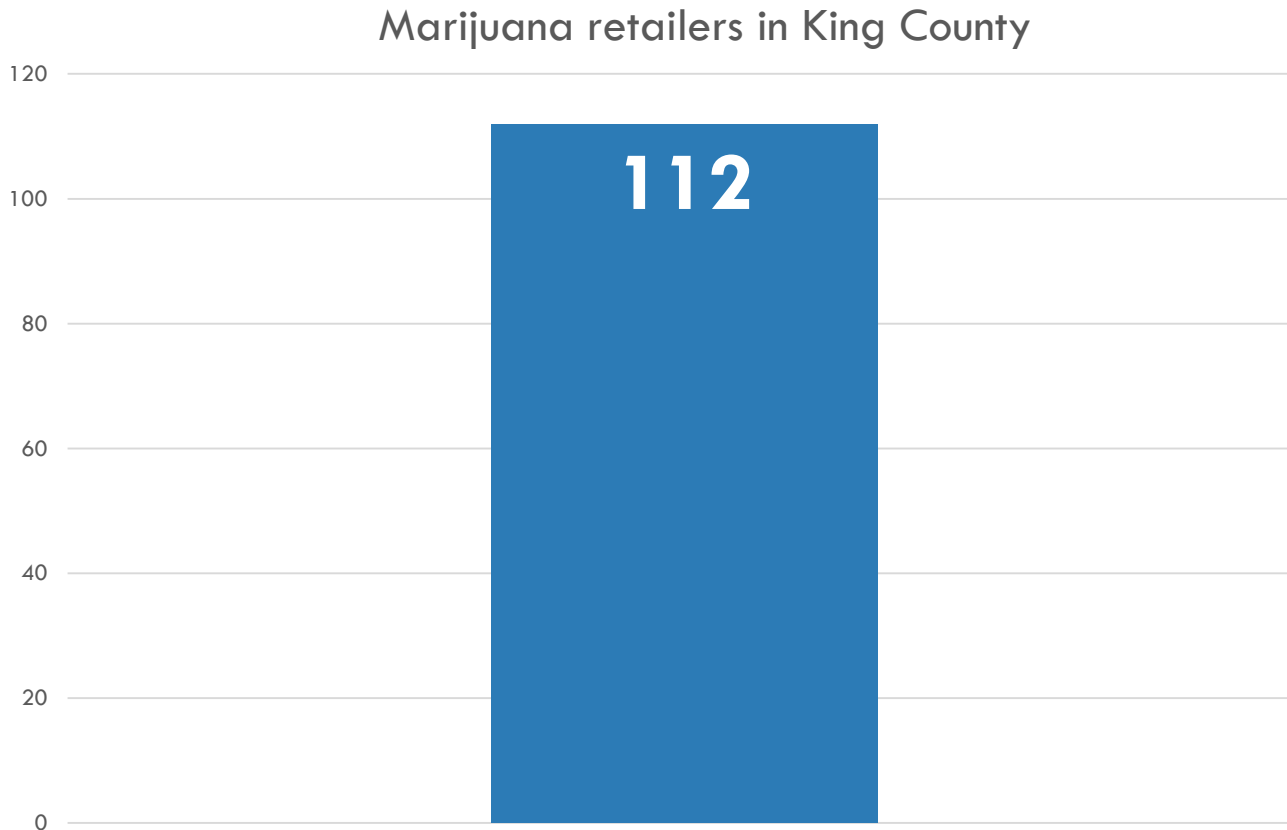
# Topics

- **Access and exposure to retail** 
- Marijuana related school discipline





# Exposure to marijuana retail stores

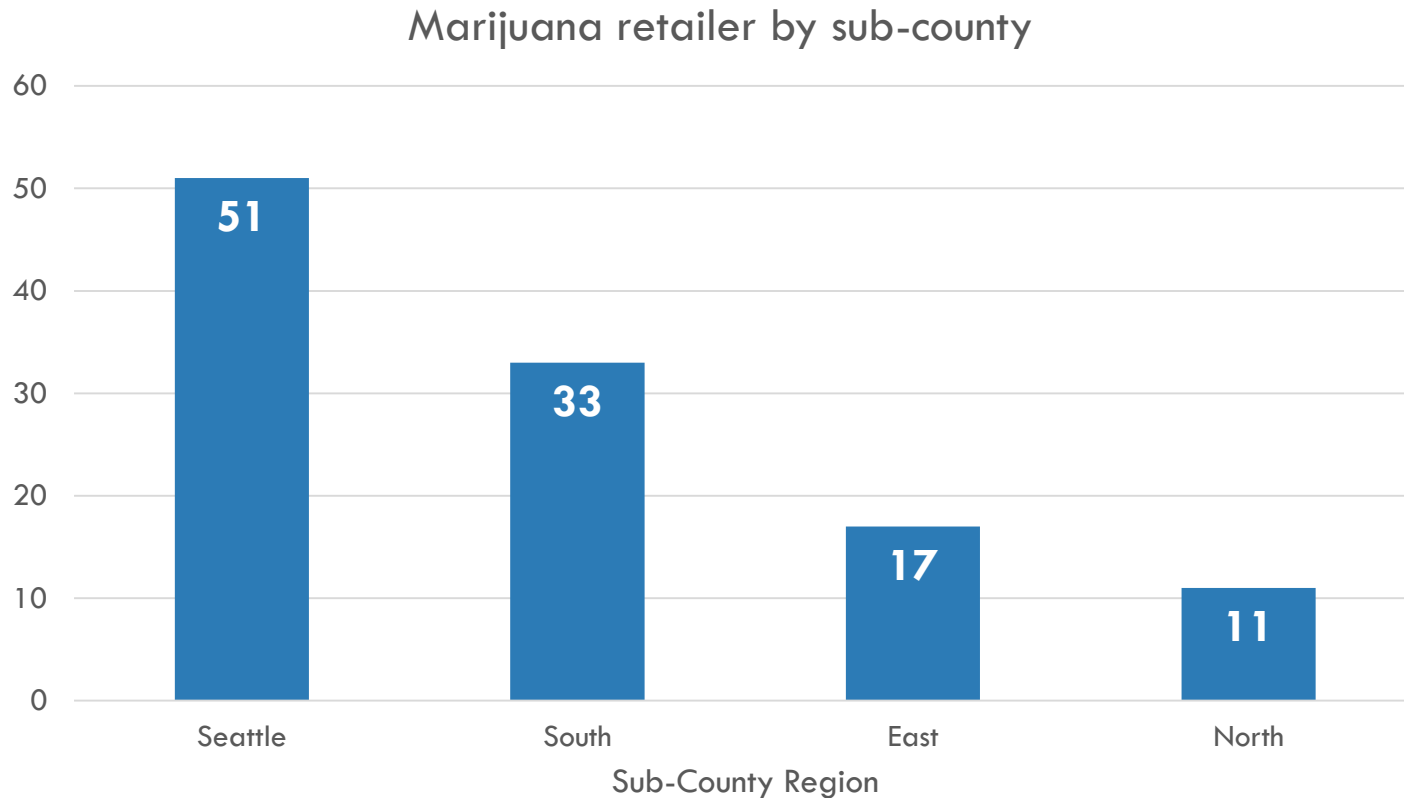


Source: WA Liquor and Cannabis Board Marijuana License Applicants:

[https://lcb.wa.gov/sites/default/files/publications/Public\\_Records/2017/MarijuanaApplicants.xls](https://lcb.wa.gov/sites/default/files/publications/Public_Records/2017/MarijuanaApplicants.xls)



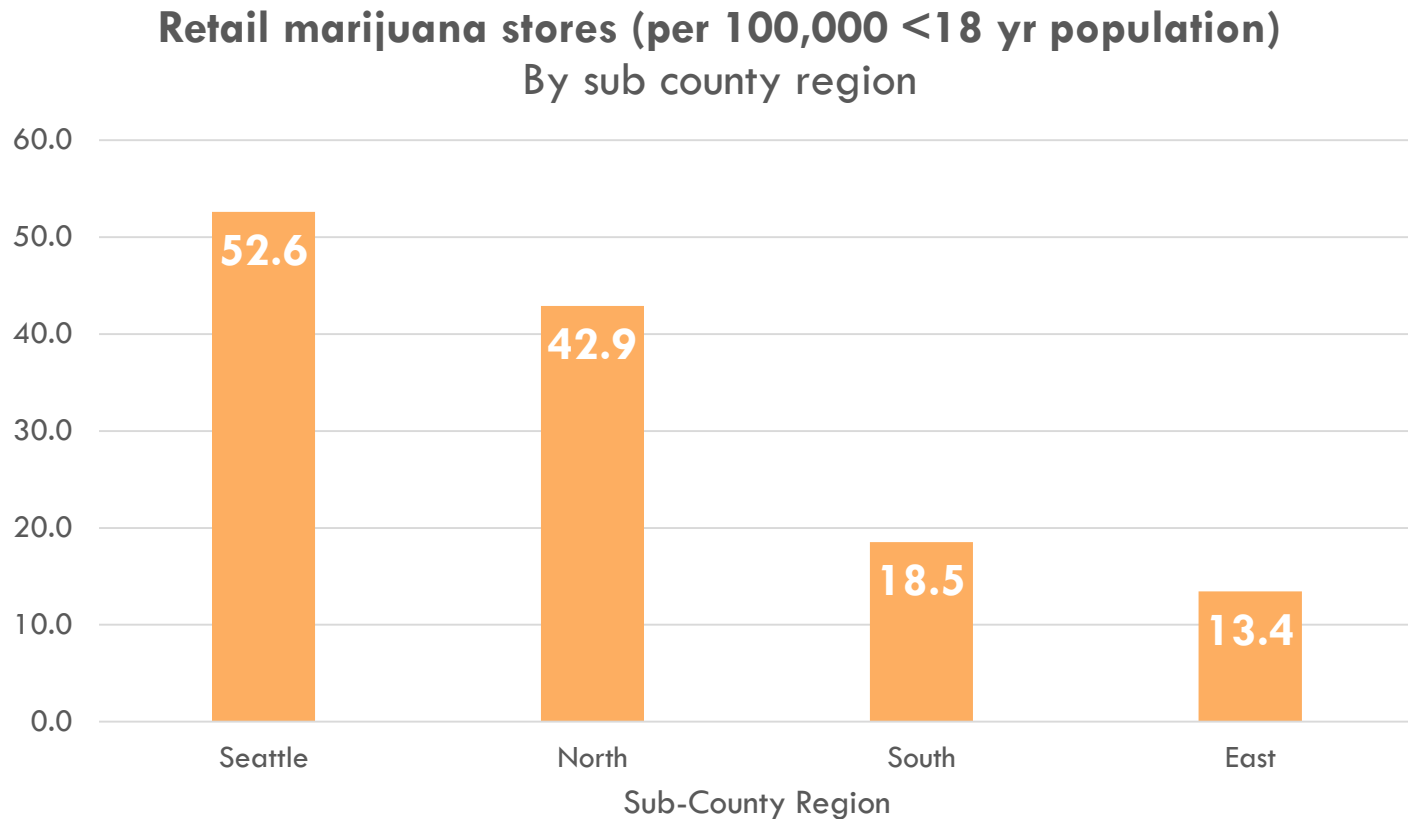
# Location of marijuana retail stores



Source: WA Liquor and Cannabis Board Marijuana License Applicants:  
[https://lcb.wa.gov/sites/default/files/publications/Public\\_Records/2017/MarijuanaApplicants.xls](https://lcb.wa.gov/sites/default/files/publications/Public_Records/2017/MarijuanaApplicants.xls)



# Youth exposure to marijuana retail stores (under 18)



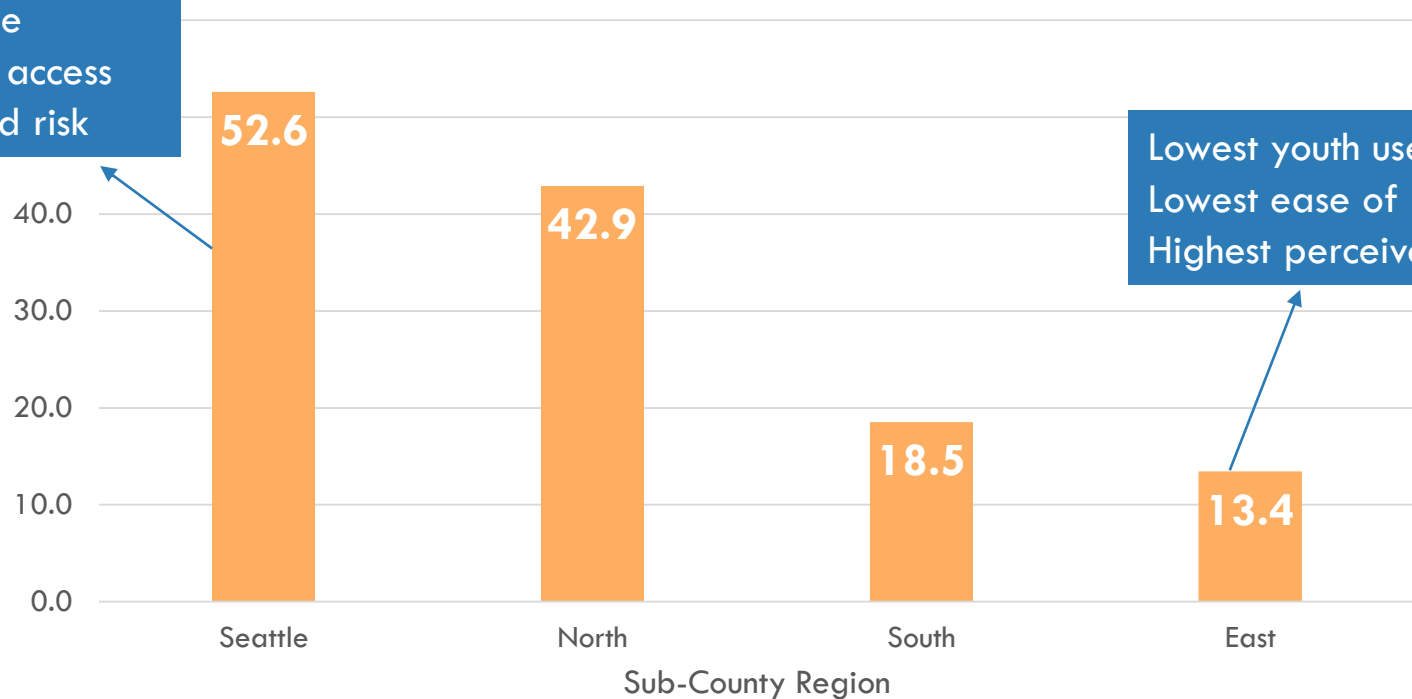
Source: WA Liquor and Cannabis Board Marijuana License Applicants  
Community Health Indicators: Demographics 2014 Population 18 and over  
<http://www.kingcounty.gov/depts/health/data/~media/depts/health/data/documents/demographics/description-of-the-community.ashx>



# Youth exposure to marijuana retail stores (under 18)

## Retail marijuana stores (per 100,000 <18 yr population)

By sub county region



Highest youth use  
Highest ease of access  
Lowest perceived risk

Lowest youth use  
Lowest ease of access  
Highest perceived risk

Source: WA Liquor and Cannabis Board Marijuana License Applicants  
Community Health Indicators: Demographics 2014 Population 18 and over

<http://www.kingcounty.gov/depts/health/data/~media/depts/health/data/documents/demographics/description-of-the-community.ashx>



# Topics

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- Access and exposure to retail

- **Marijuana related school discipline**



## Differences between data sources

### Youth use data

- Healthy Youth Survey
- 2016
- 6<sup>th</sup>, 8<sup>th</sup>, 10<sup>th</sup>, and 12<sup>th</sup> graders
- Public schools (no charter schools)
- Sampling:
  - ▣ Total student sample = 54,966
  - ▣ Total SR marijuana users = 4,962
- Self-reported by students
- Marijuana use data

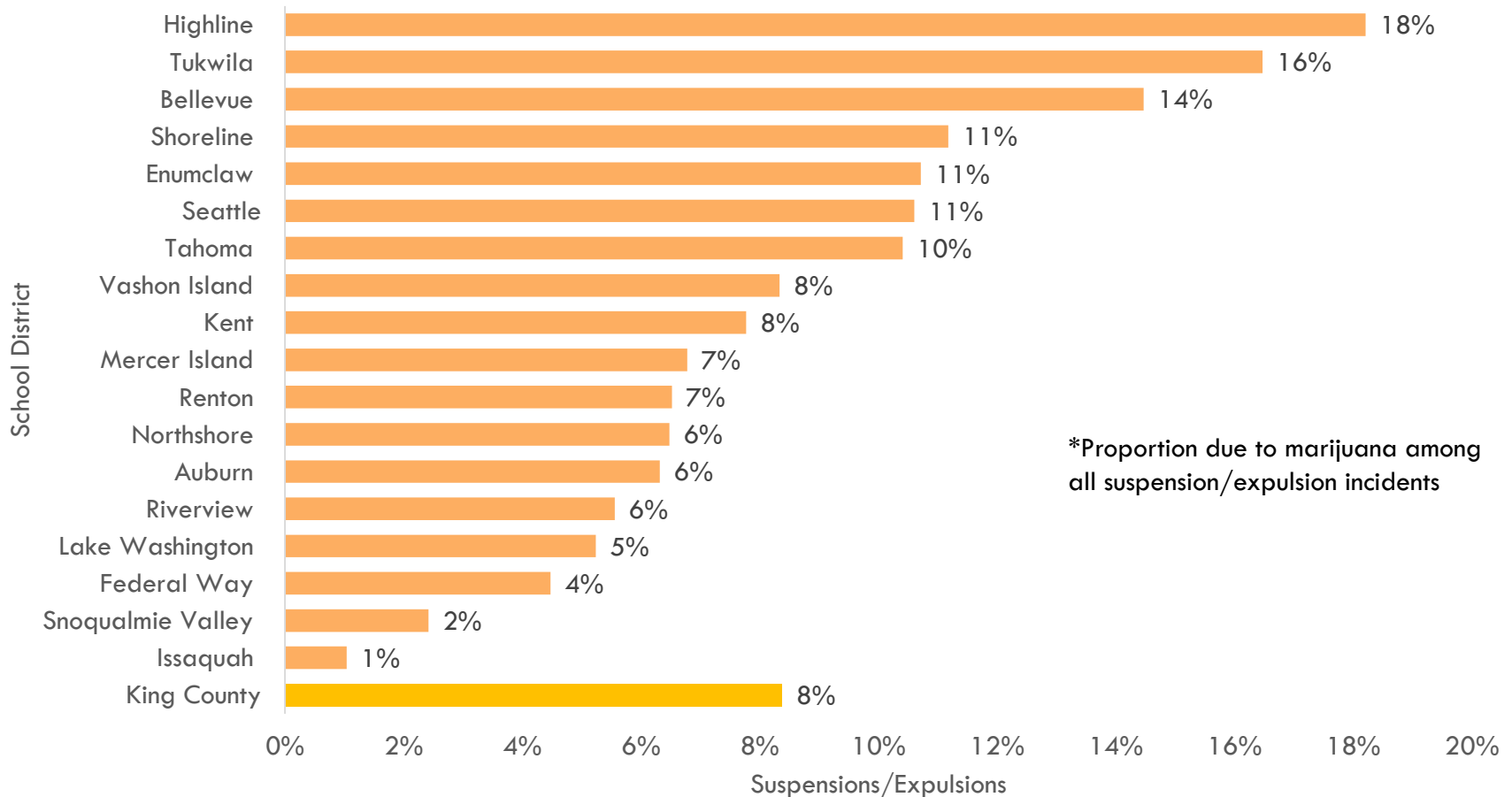
### Youth discipline data

- OSPI (Office of Superintendent of Public Instruction)
- 2015
- All grades (K-12)
- All public schools (includes charter schools)
- Sampling:
  - ▣ Total district enrollment: 308,432
  - ▣ Total students disciplined for MJ: 970
- Reported by school administrators
- Suspension and expulsion data

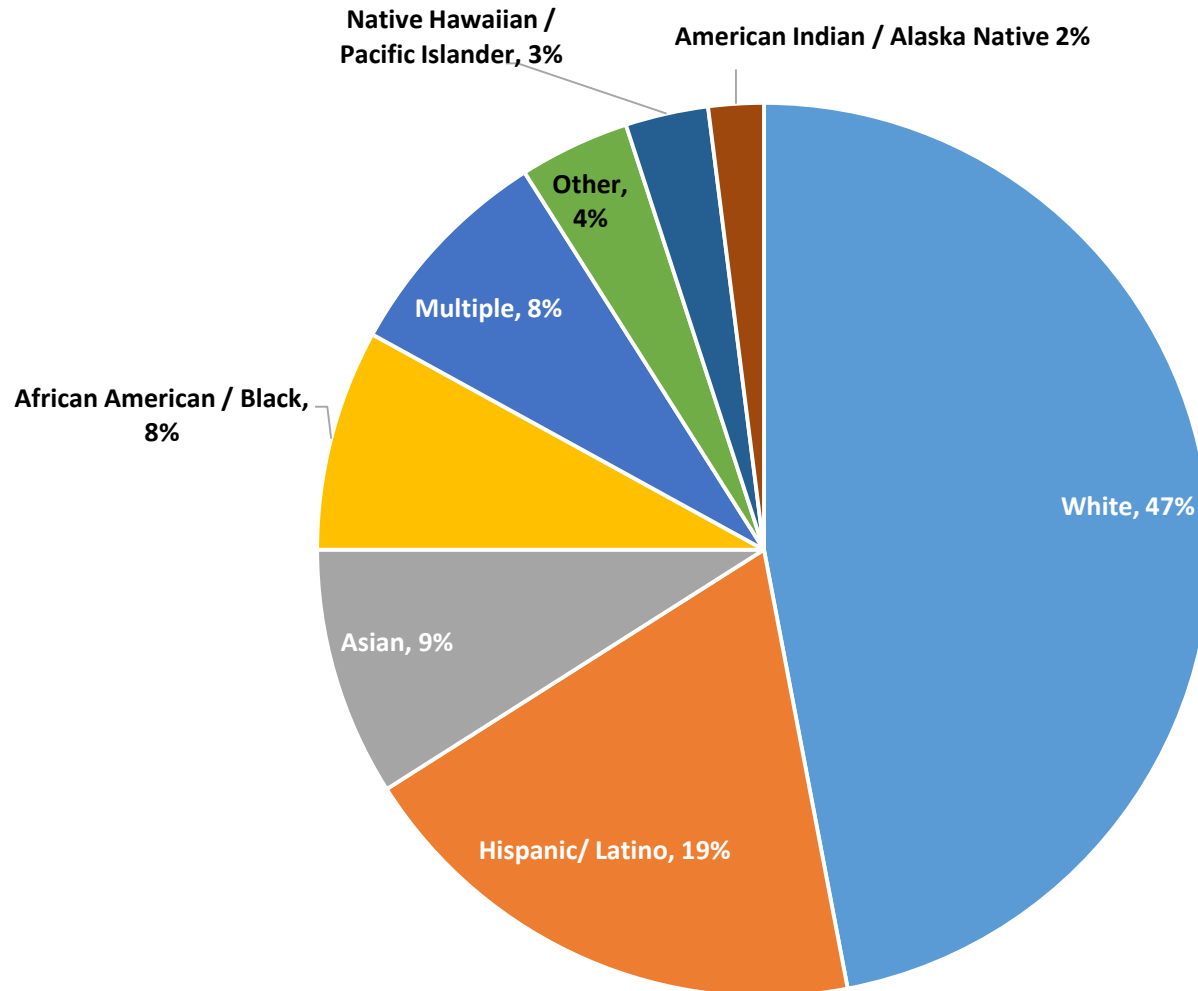


# Marijuana-related school expulsions and suspensions

Disciplinary Incidents Involving Marijuana\* by School District - King County, WA, 2015

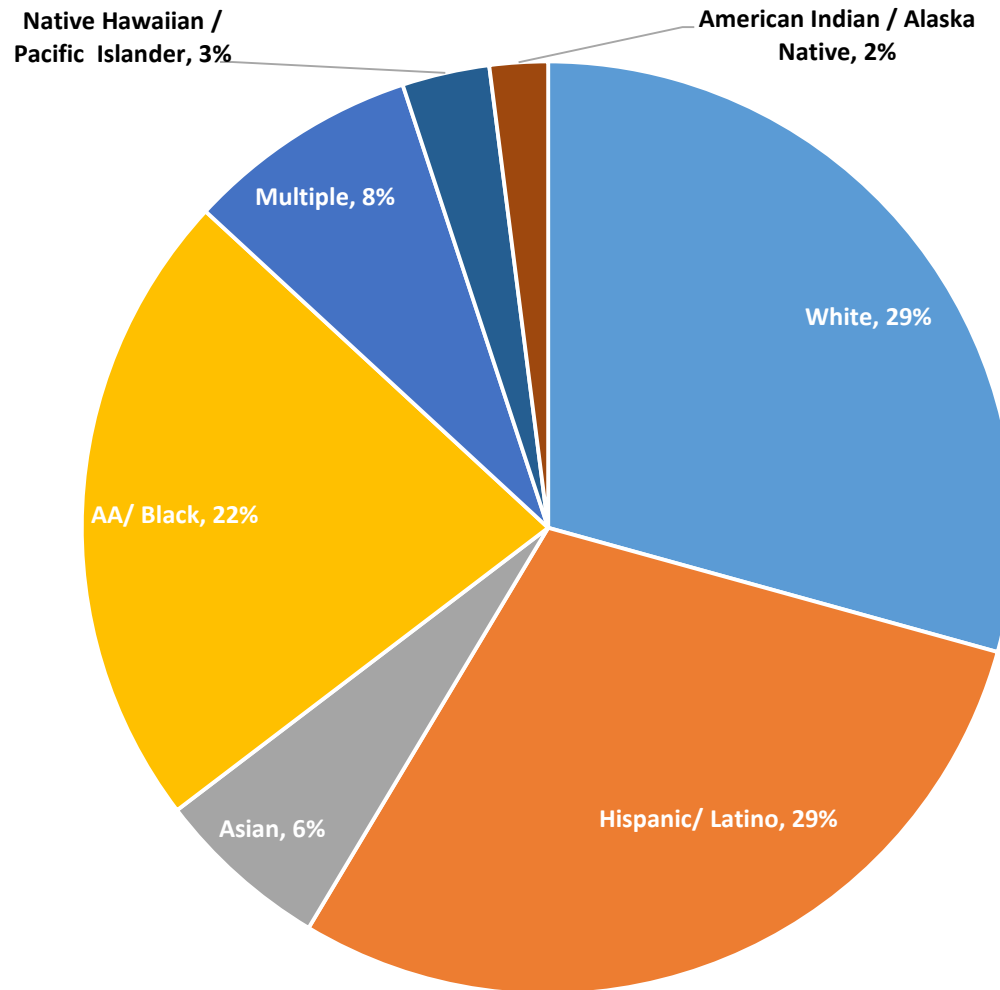


# Youth marijuana use in King County by race



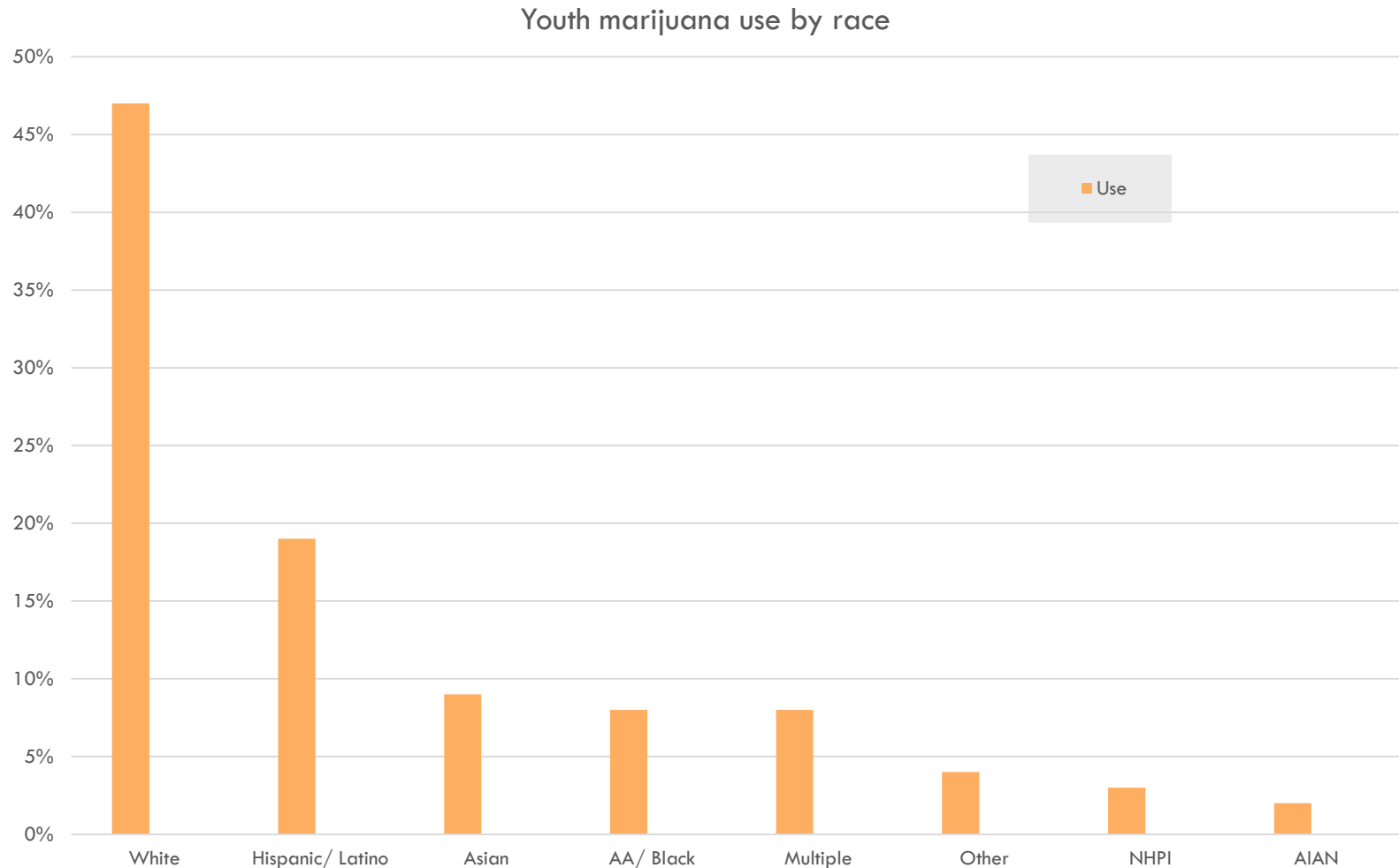


# Discipline for marijuana in King County by race

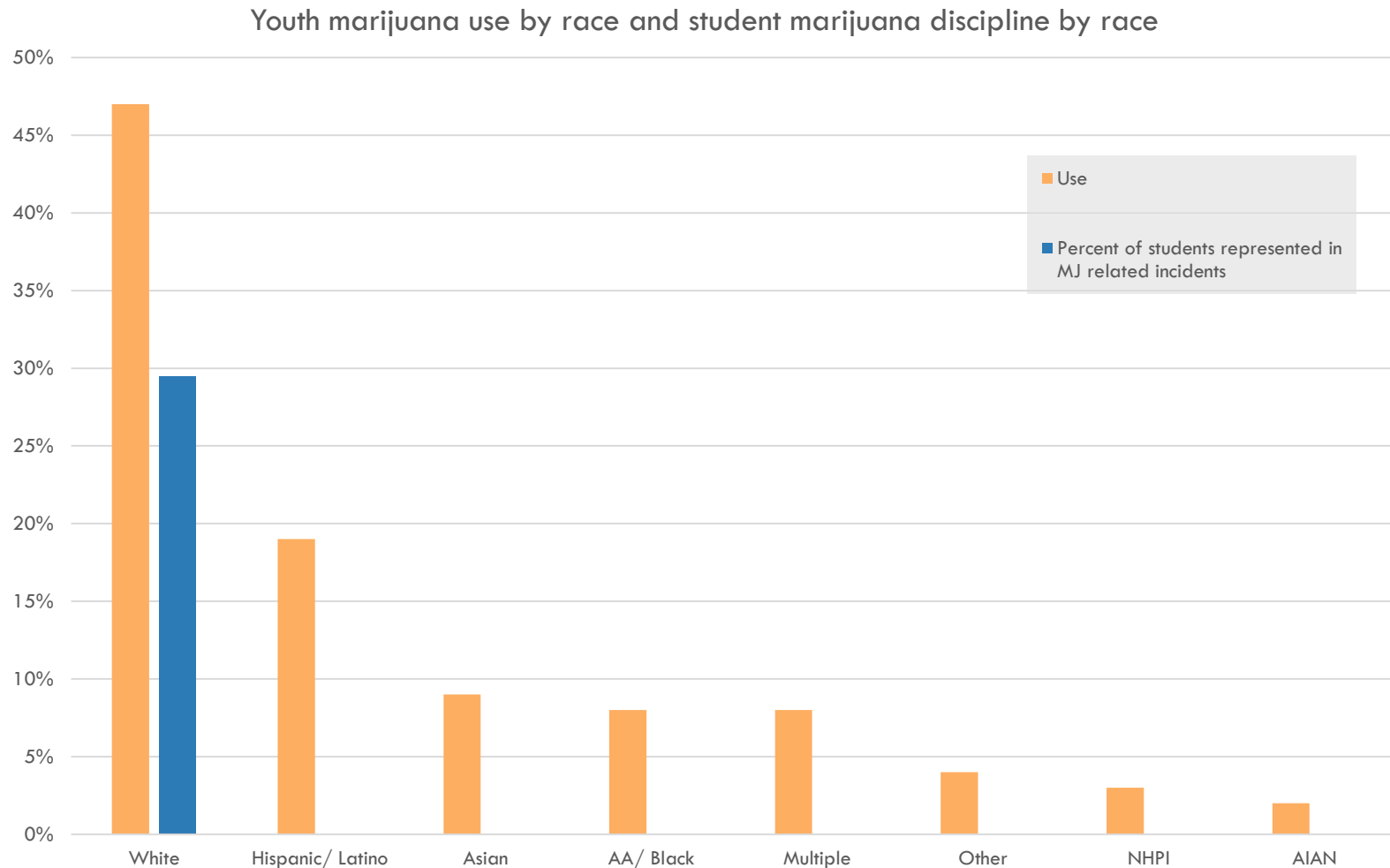


# Youth marijuana use by race

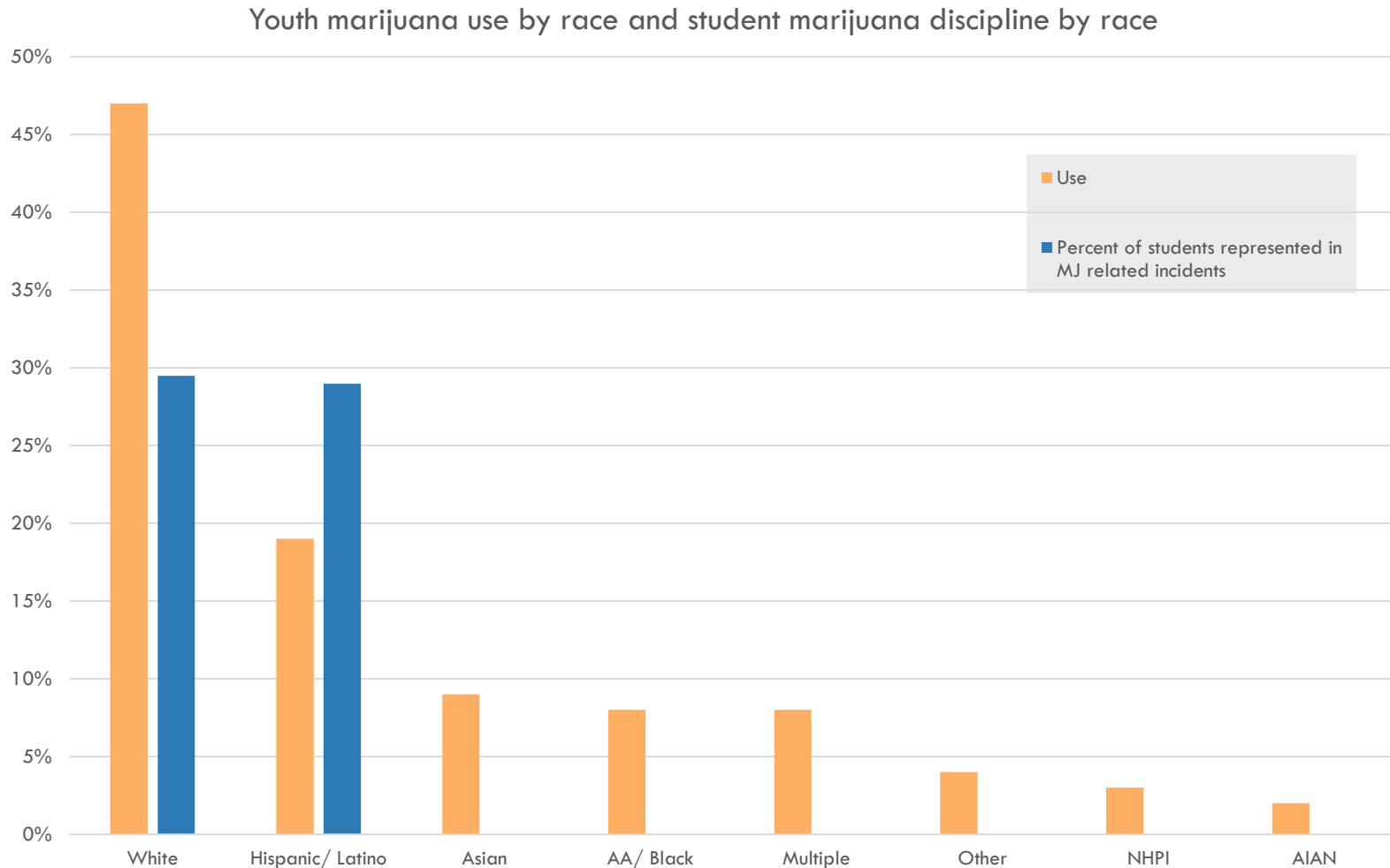
King County (6<sup>th</sup>, 8<sup>th</sup>, 10<sup>th</sup>, 12<sup>th</sup> graders)



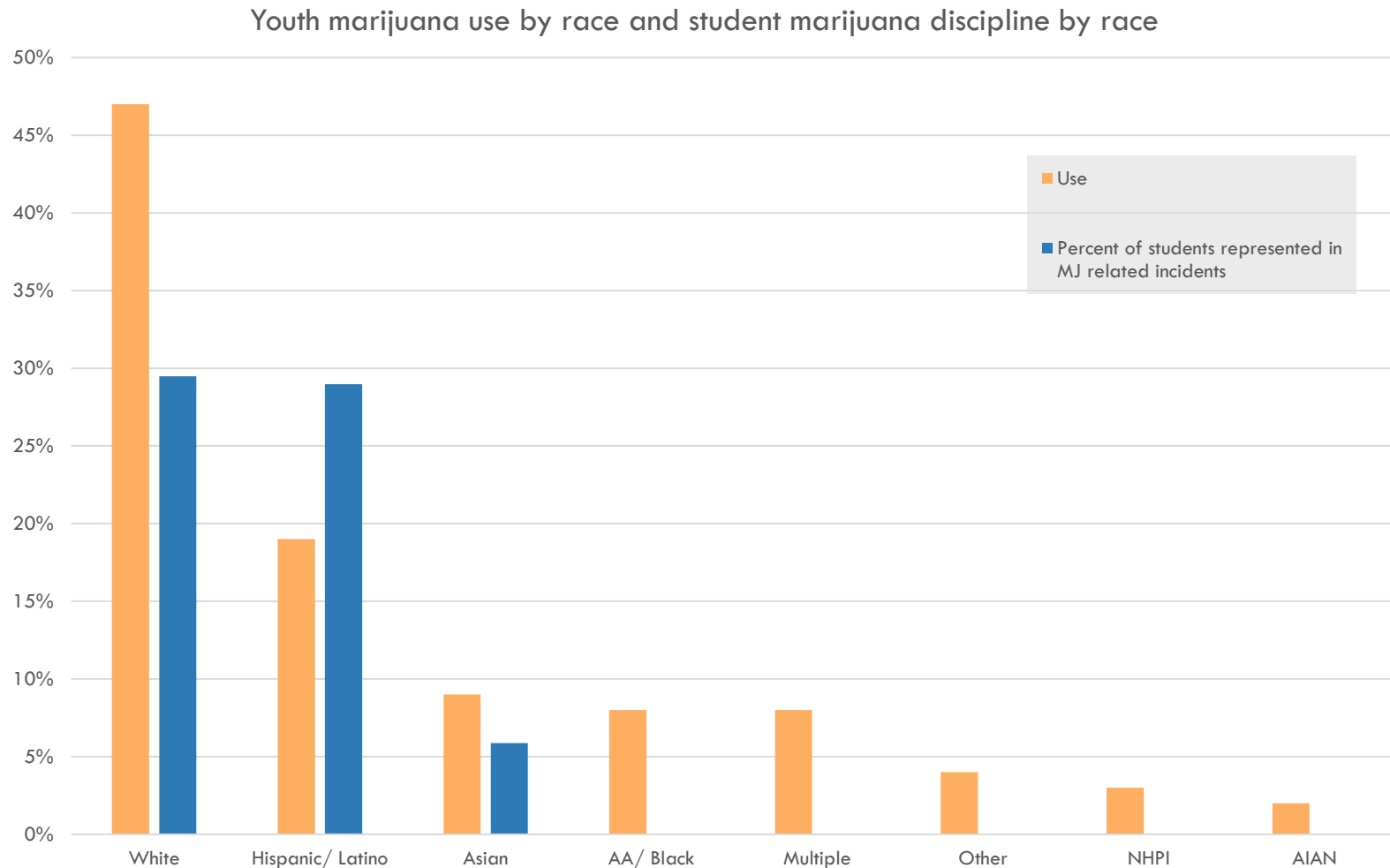
# Youth marijuana use & marijuana discipline by race



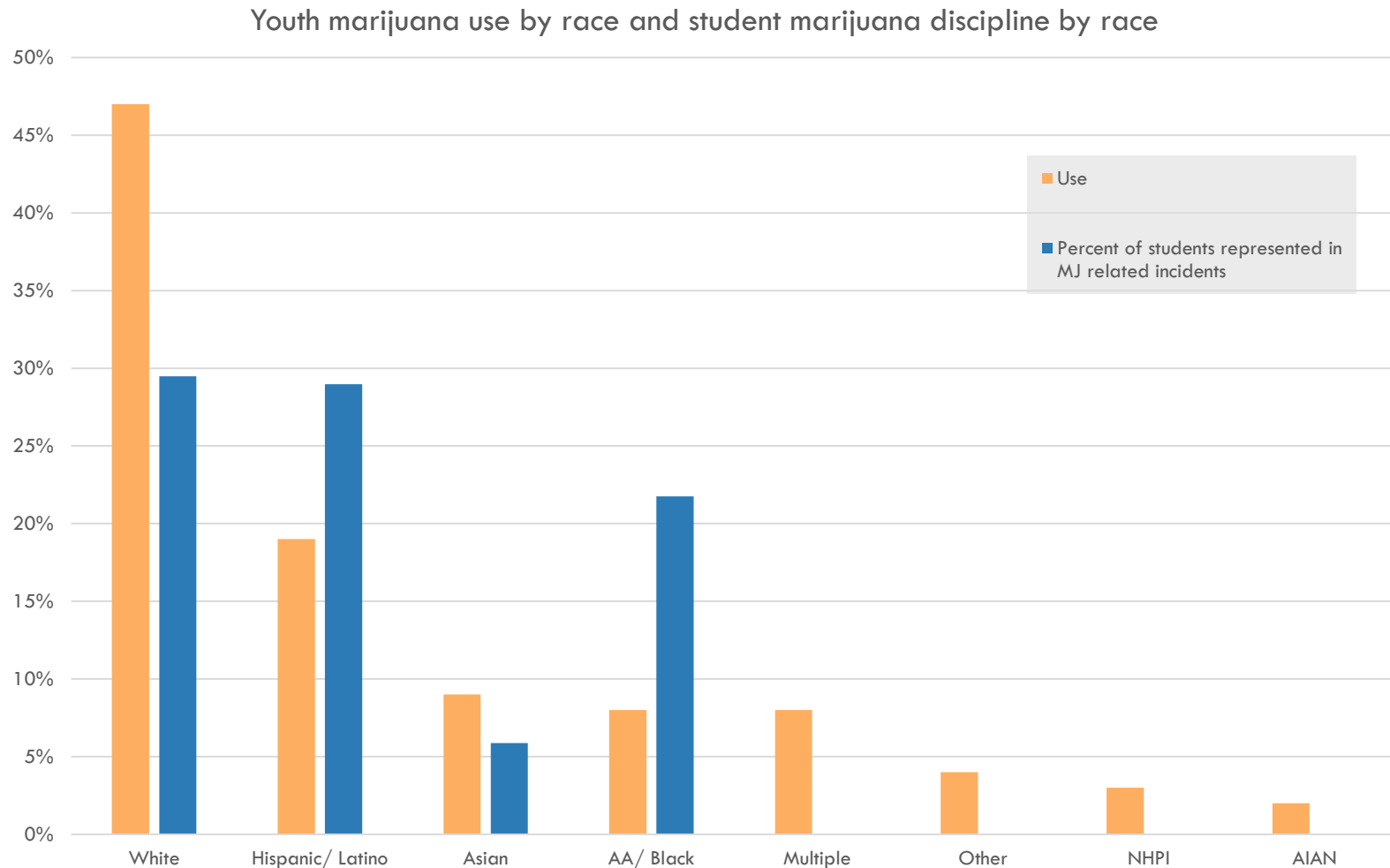
# Youth marijuana use & marijuana discipline by race



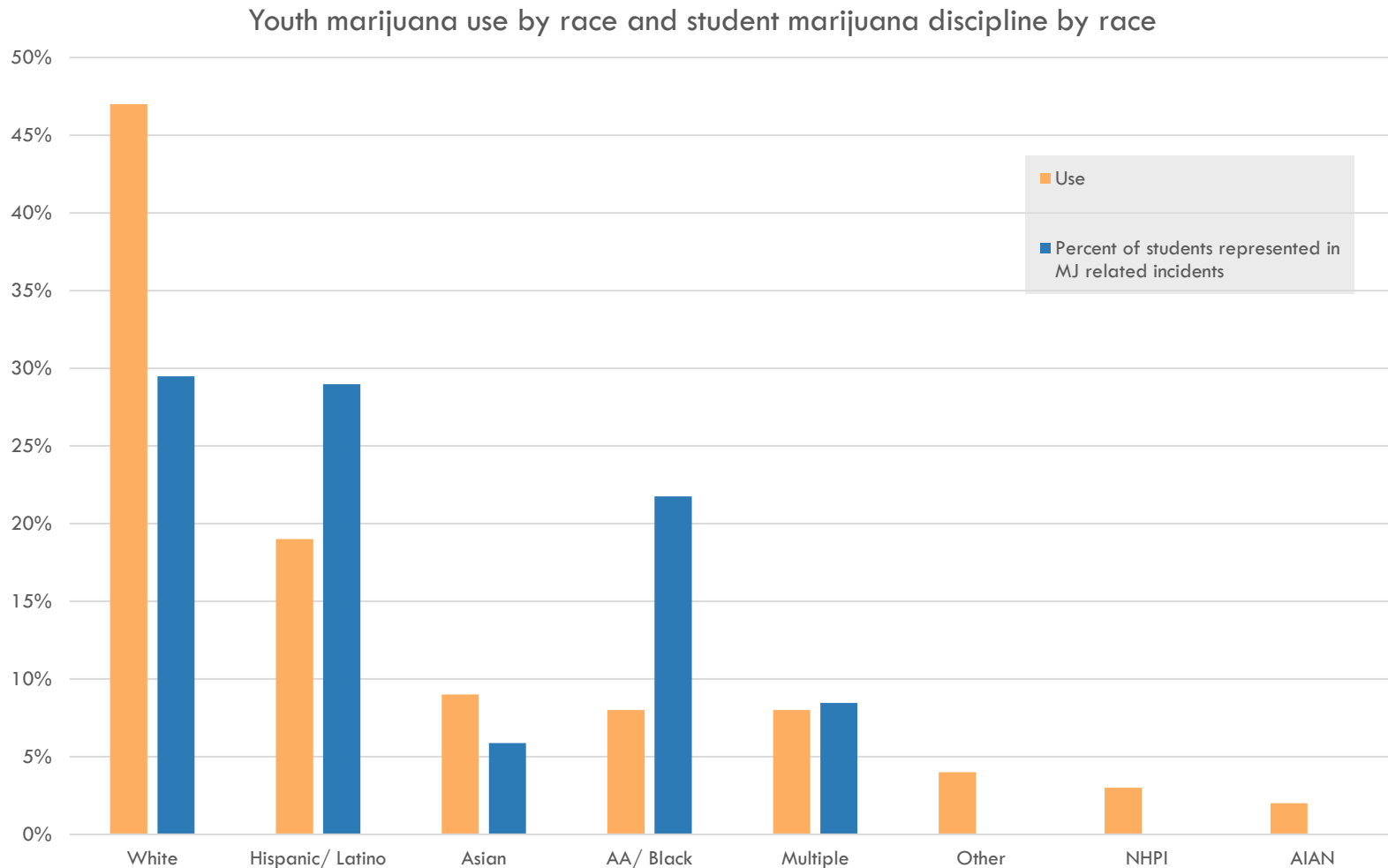
# Youth marijuana use & marijuana discipline by race



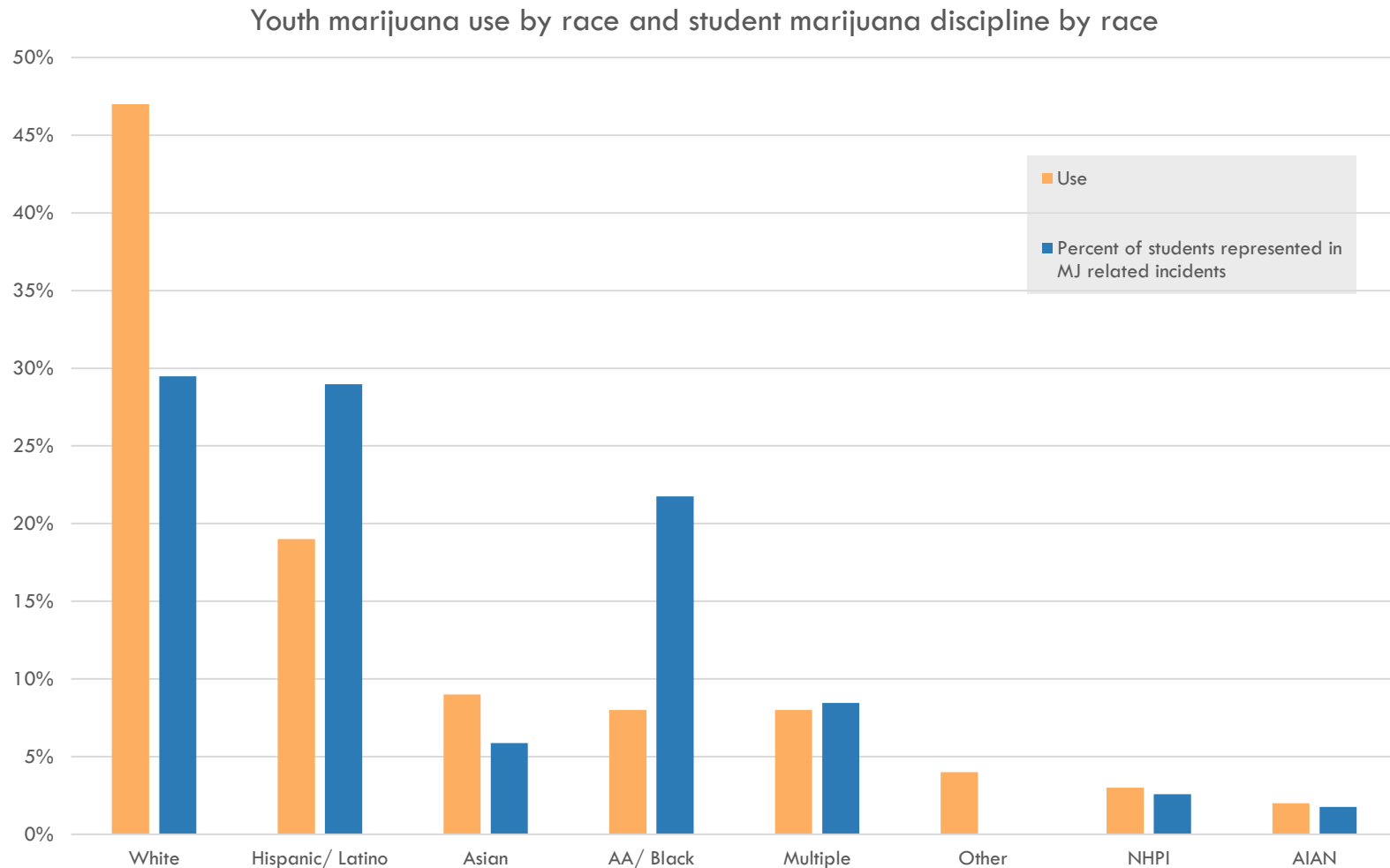
# Youth marijuana use & marijuana discipline by race



# Youth marijuana use & marijuana discipline by race



# Youth marijuana use & marijuana discipline by race





## Additional Data

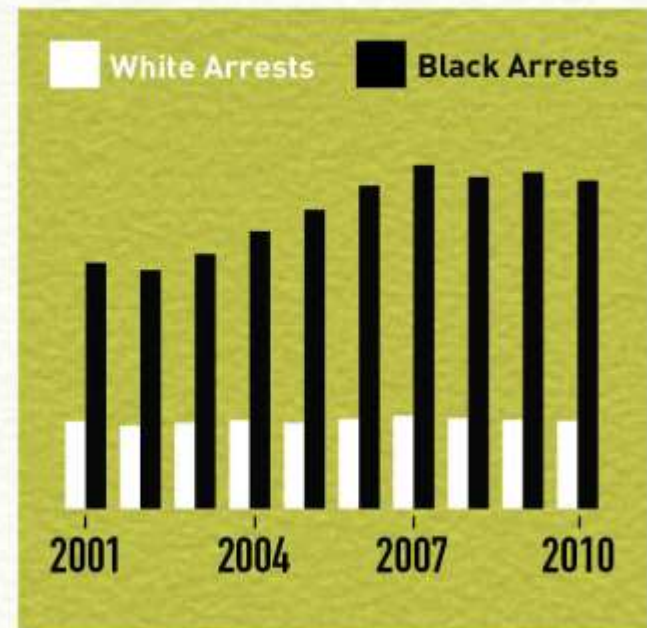


## National Arrest data

### ► TARGETING COMMUNITIES OF COLOR

ACLU

BLACKS HAVE BEEN NEARLY  
**FOUR TIMES**  
MORE LIKELY THAN WHITES  
TO BE ARRESTED FOR  
MARIJUANA POSSESSION



## National Arrest data

ACLU

### ► WORST DISPARITIES IN 2010

**IN IOWA, D.C., MINNESOTA,  
& ILLINOIS — BLACKS WERE  
7.5 TO 8.5 TIMES  
MORE LIKELY THAN WHITES TO  
BE ARRESTED FOR HAVING WEED.**



# Washington State Arrest data

- In states where legalization occurred, arrests have decreased
  - ▣ In Washington, they decreased by 90% between 2008-2014
- Yet, Black residents were twice as likely to be arrested in 2008 **and** 2014.

Source: (FBI Uniform Crime 2016 Reports, Center on Juvenile and Criminal Justice)



# Washington State Arrest data

## Marijuana arrest rates per 100,000 population



Source: FBI Uniform Crime Reports analyzed by Mike Males

[WAPO.ST/WONKBLOG](http://WAPO.ST/WONKBLOG)



# Impact of arrest

- Access to public benefits
- Employment
- School admittance
- Time
- Disruption of life and family
- Stigma

