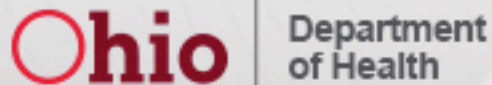


2019 Youth Risk Behavior Survey/ Youth Tobacco Survey (2019 YRBS/YTS)

Sara Haig, MSW, LSW
Youth Survey Coordinator
Ohio Department of Health



Youth Risk Behavior Survey (YRBS) History

- YRBS is a CDC-supported surveillance system, administered in almost every state and in various tribes, territories, and large, urban school districts across the US
- Ohio has administered a high school survey every other year since 1993
 - Due to survey design (weighted sample), must have 60% participation rate to report data for each survey administration

Youth Tobacco Survey (YTS) History

- CDC supported survey, survey design and protocol very similar to YRBS
- Administered in middle and high schools
- Tobacco focused
- Administered in Ohio every other year since 2010
- Prior to 2019, administered during the same school year as YRBS

2019 YRBS/YTS

- ODH combined YRBS and YTS to reduce survey burden on schools and increase participation
- 99 questions; one-third tobacco questions
- Separate middle and high school surveys
 - 1st time Ohio has administered a middle school YRBS

Survey Methodology

- 2-step, random sampling
 - 44 middle schools and 44 high schools were randomly selected by CDC/Westat
 - In each participating school, 1-4 classrooms were randomly selected
- Paper and pencil survey administered during one class period in the Spring 2019

Survey Tool

- **Demographics** (including race/ethnicity, gender, sexual orientation and disability status)
- **Injury/ violence** (driving behaviors, physical fighting, weapon carrying, bullying, dating violence, suicide behaviors)
- **Tobacco/ EVP** (27 questions total)
- **Substance use** (alcohol and drug use)
- **Sexual behaviors** (HS survey only)

Survey Tool

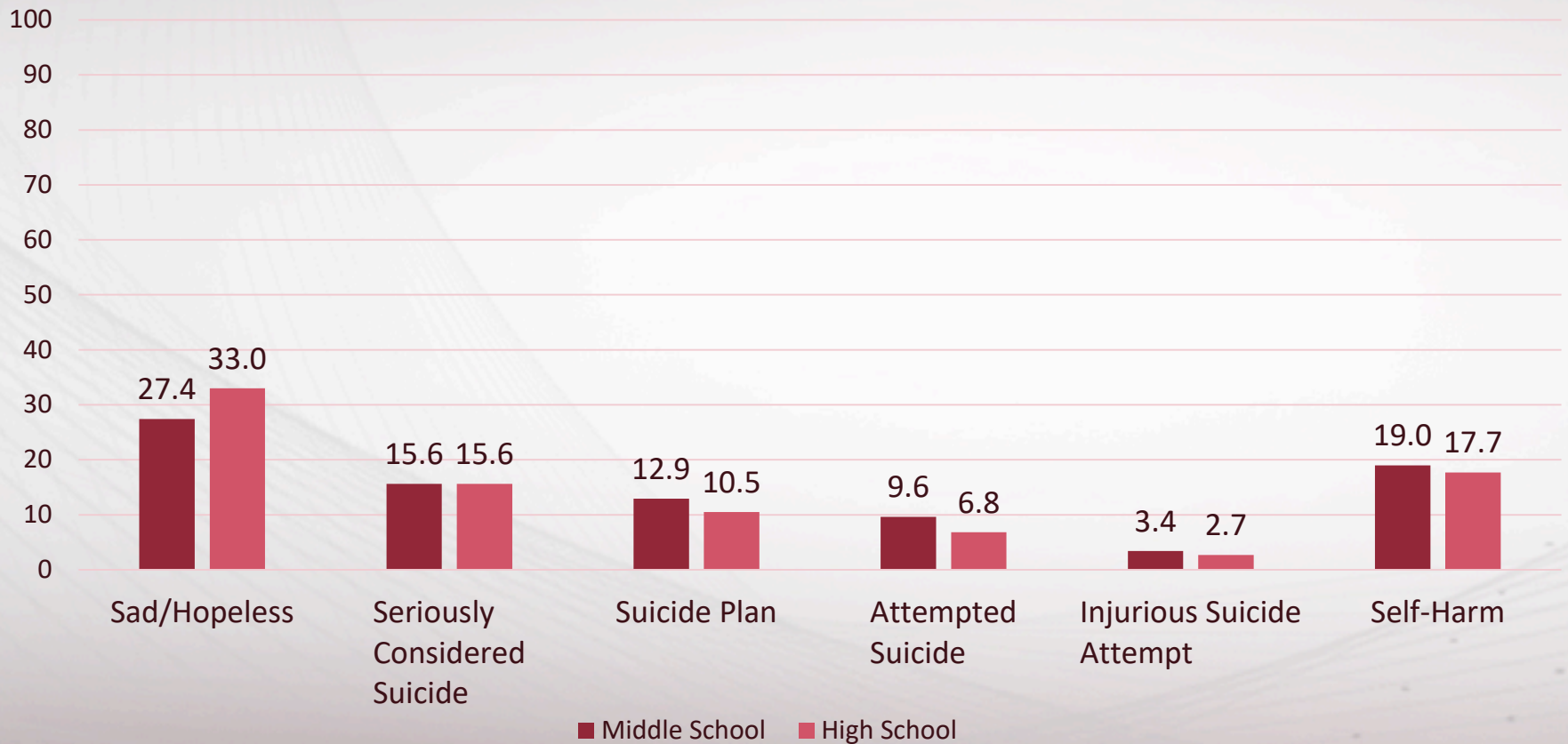
- Nutrition/ dietary behaviors (including BMI for High School)
- Physical activity/ sports involvement
- Other health-related topics
 - Resiliency questions (connection to adult, meals with families)
 - Health services (doctor/dentist visits, asthma)
 - Extracurricular activities
 - Gambling
 - Academic achievement

2019 Survey Participation

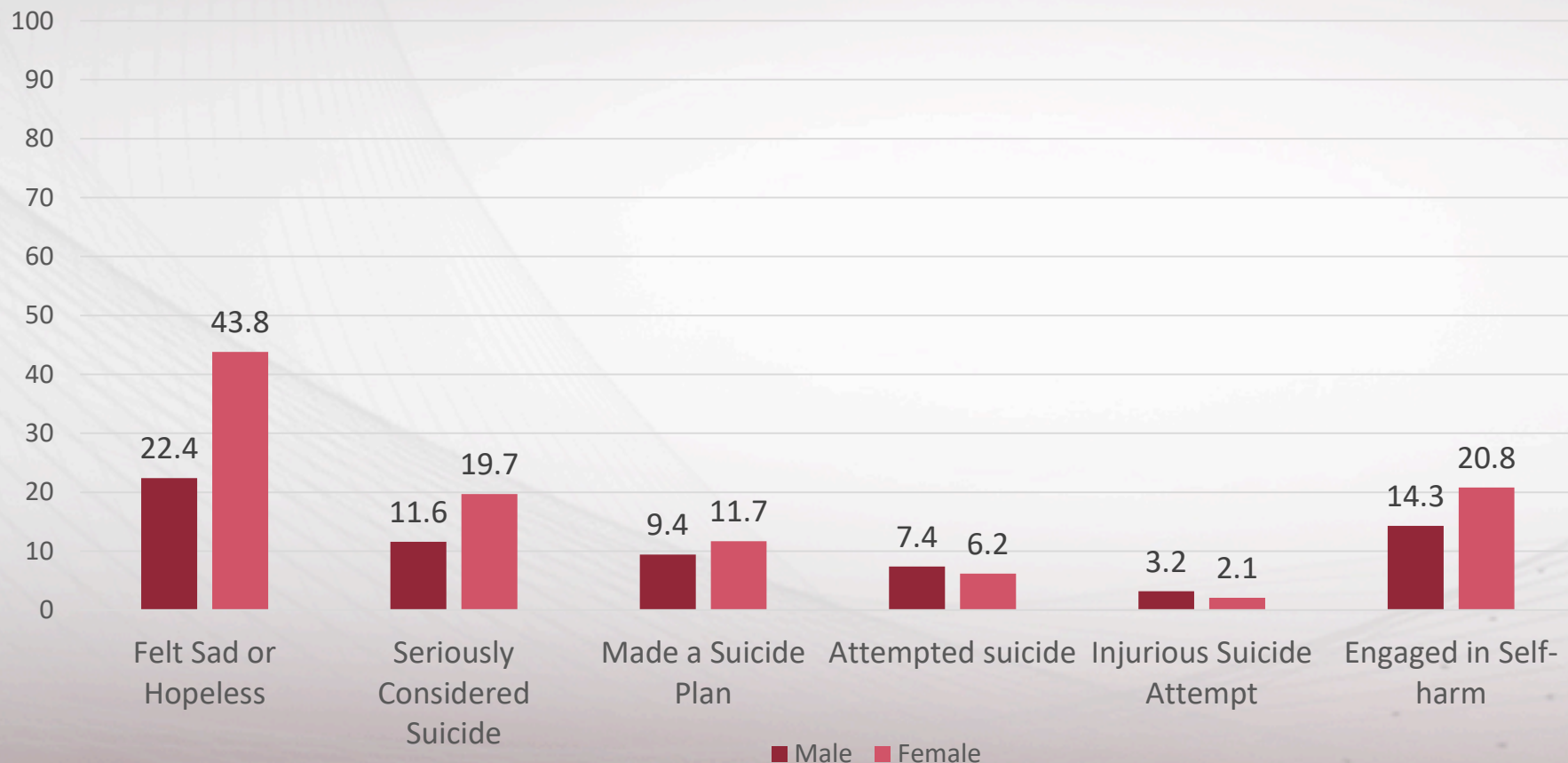
- High School (grades 9-12)
 - 36 public high schools: 82%
 - 1,263 students: 75%
 - Overall rate: 60%
- Middle School (grades 6-8)
 - 35 public middle schools: 80%
 - 1,718 students: 78%
 - Overall rate: 62%

OAHP Area 1: Mental Health and Substance Use

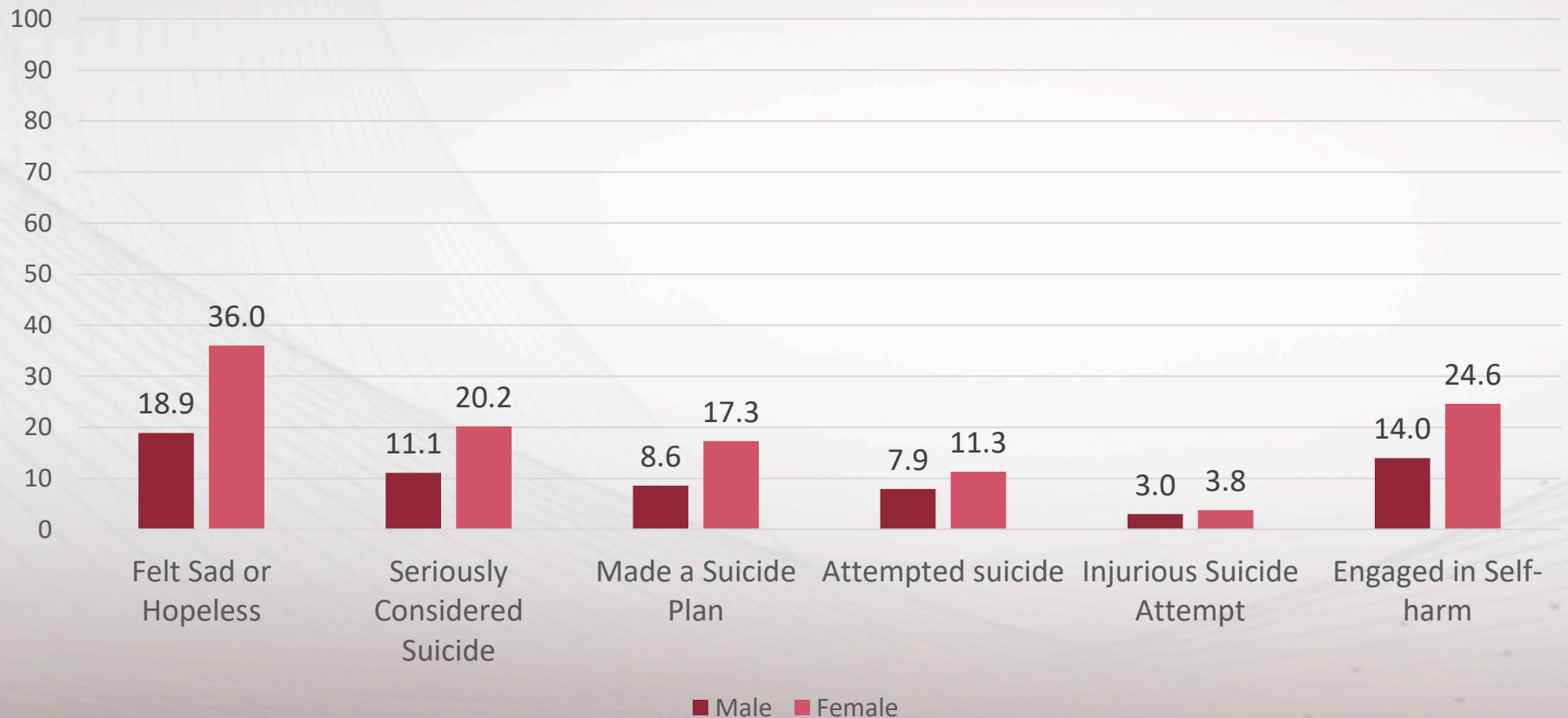
Suicide Behaviors- HS/MS Comparisons



High School Mental Health, Suicide and Self Harm Behaviors, by Sex



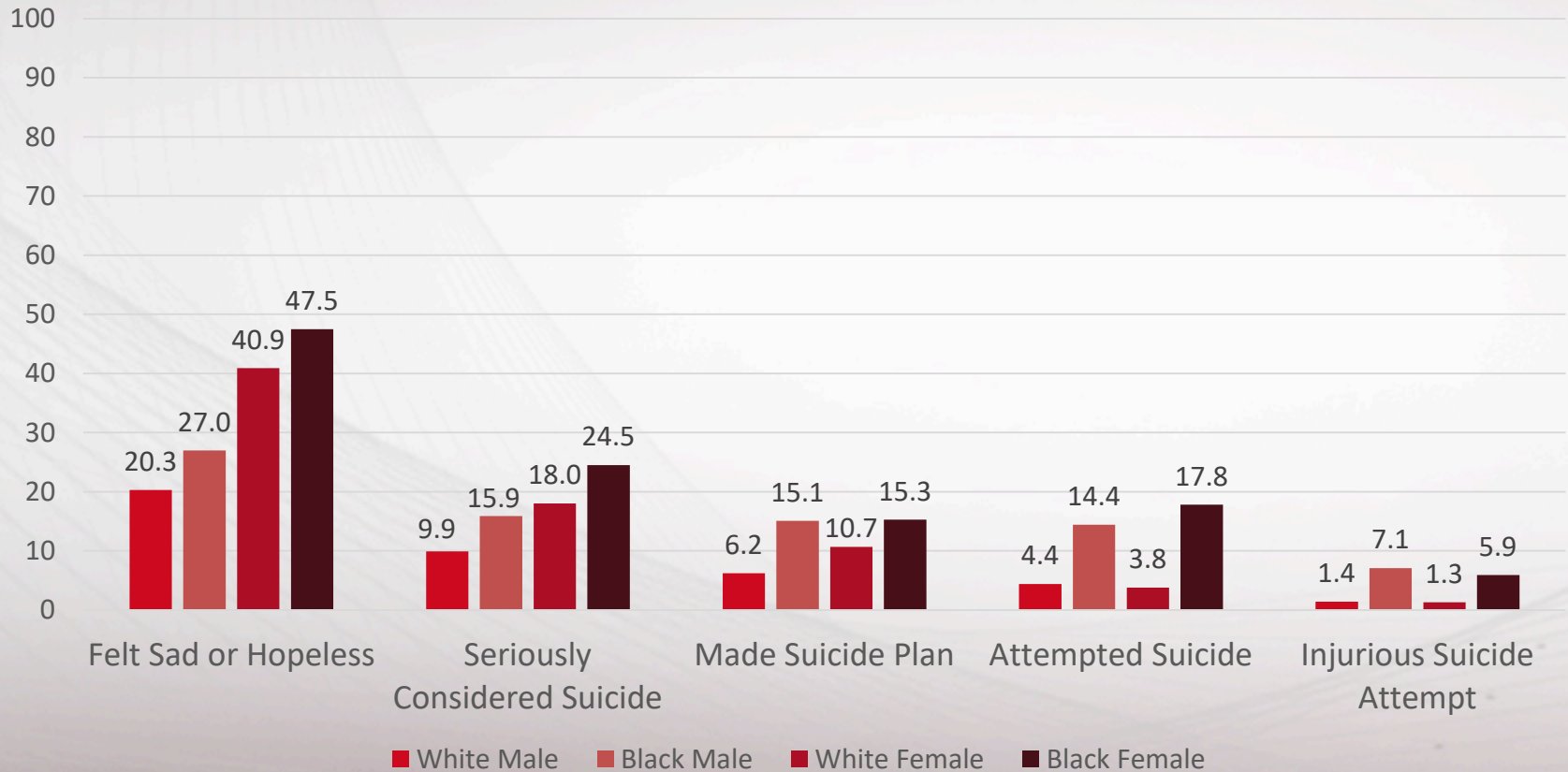
Middle School Mental Health, Suicide and Self Harm Behaviors, by Sex



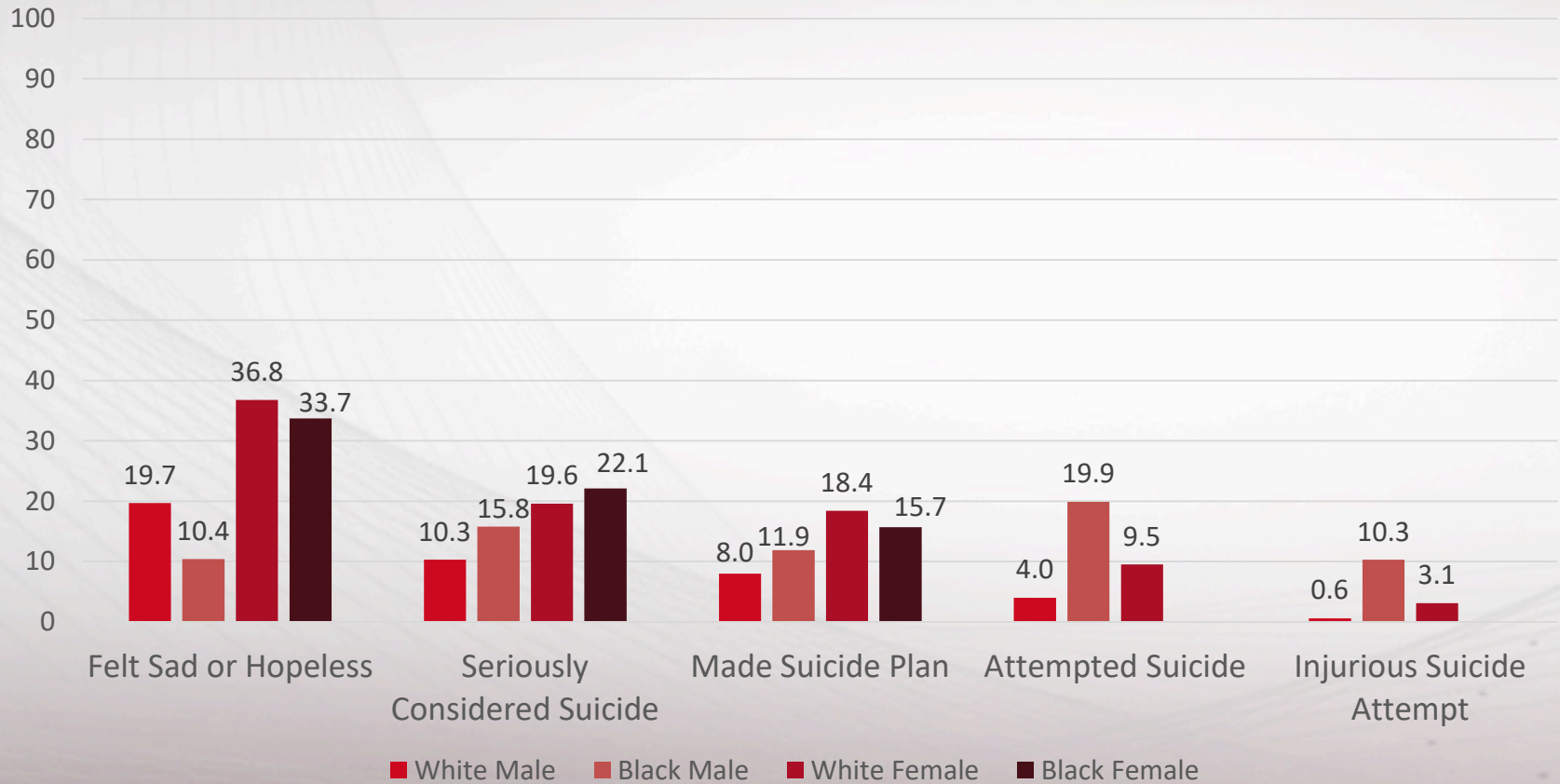
Mental Health and Suicide

- Hispanic students have higher rates of:
 - Feeling sad and hopeless
 - Seriously considering suicide
 - Attempting suicide
 - Injurious suicide attempt
 - Self-harm (high school only)

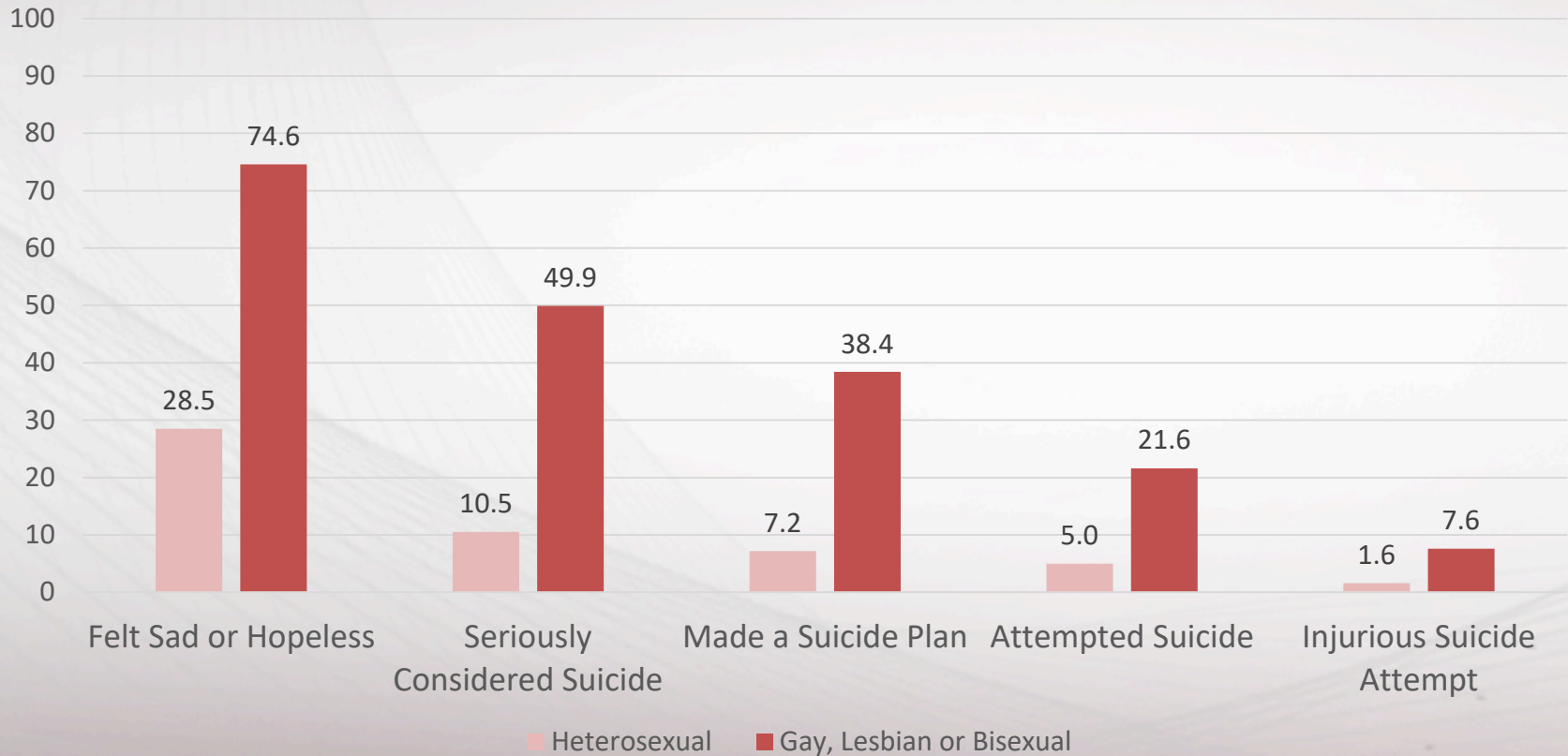
High School Mental Health and Suicide, by Race and Sex



Middle School Mental Health and Suicide, by Race and Sex

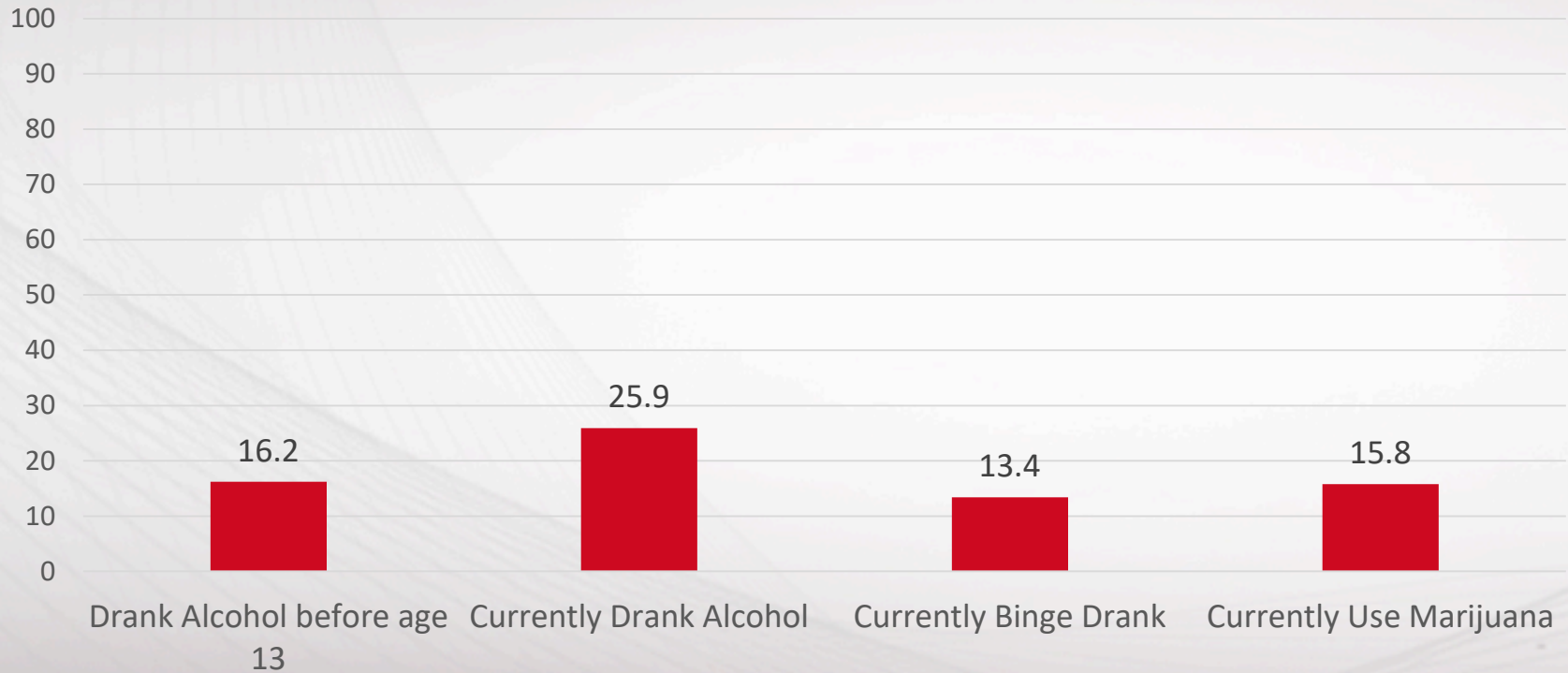


High School Mental Health and Suicide, By Sexual Identity

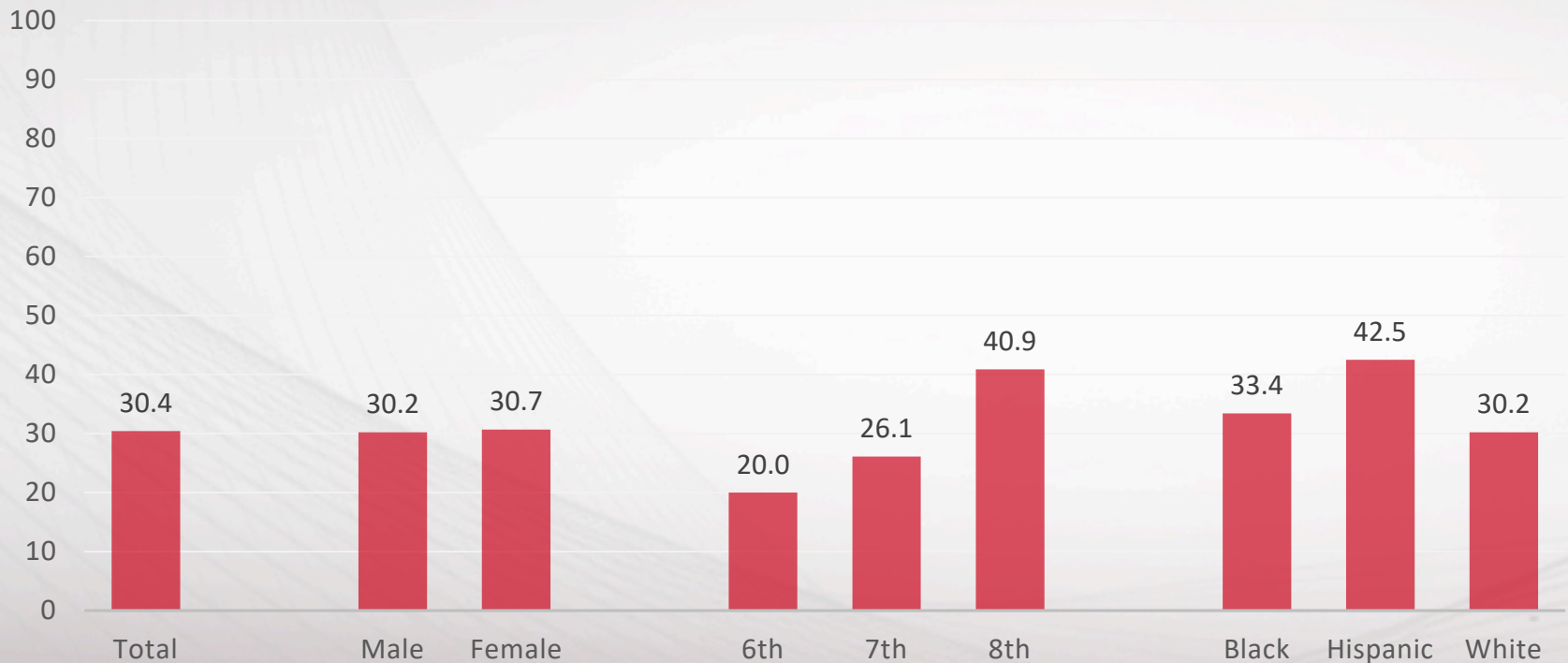


Substance Use

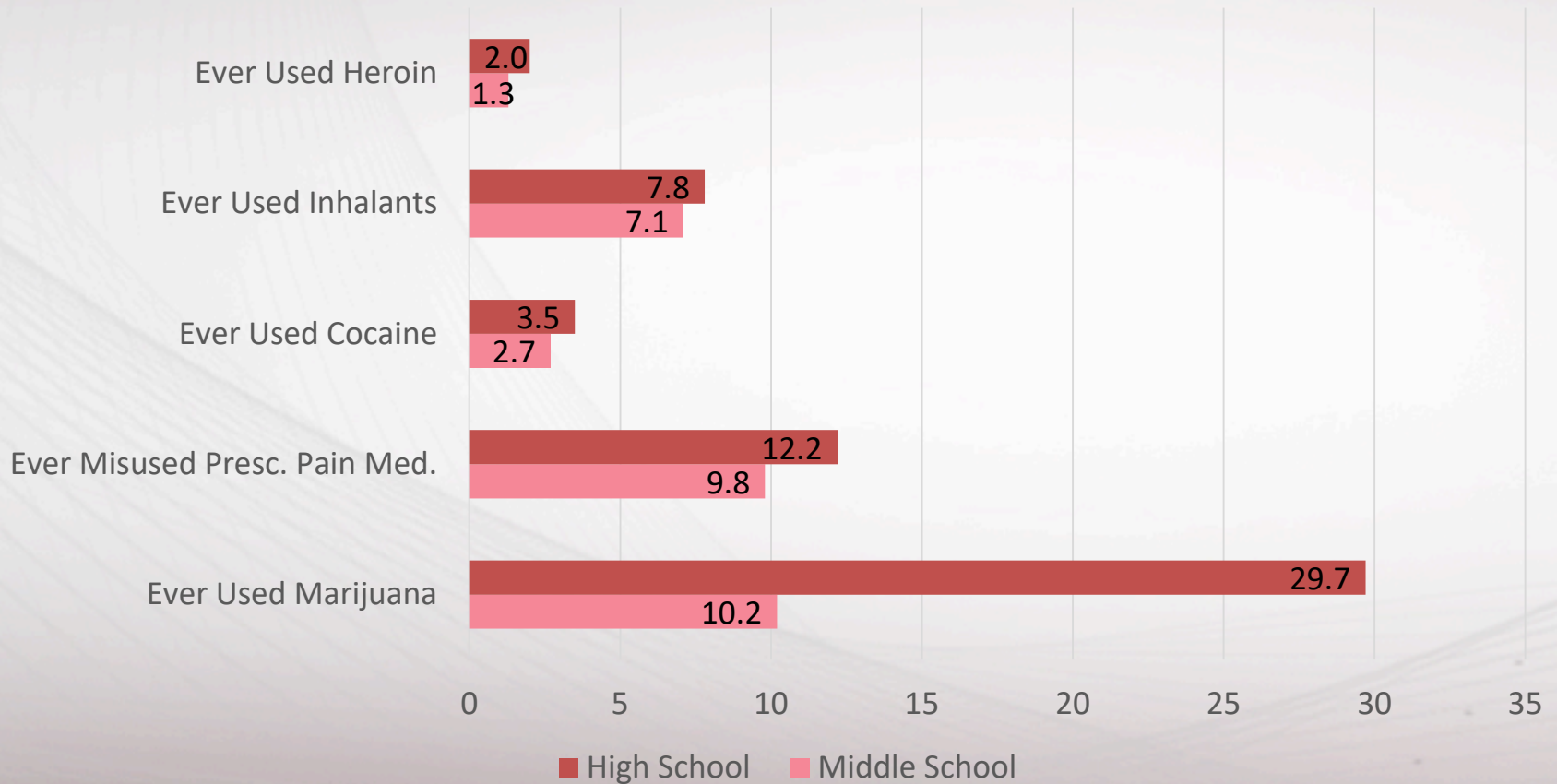
High School Substance Use



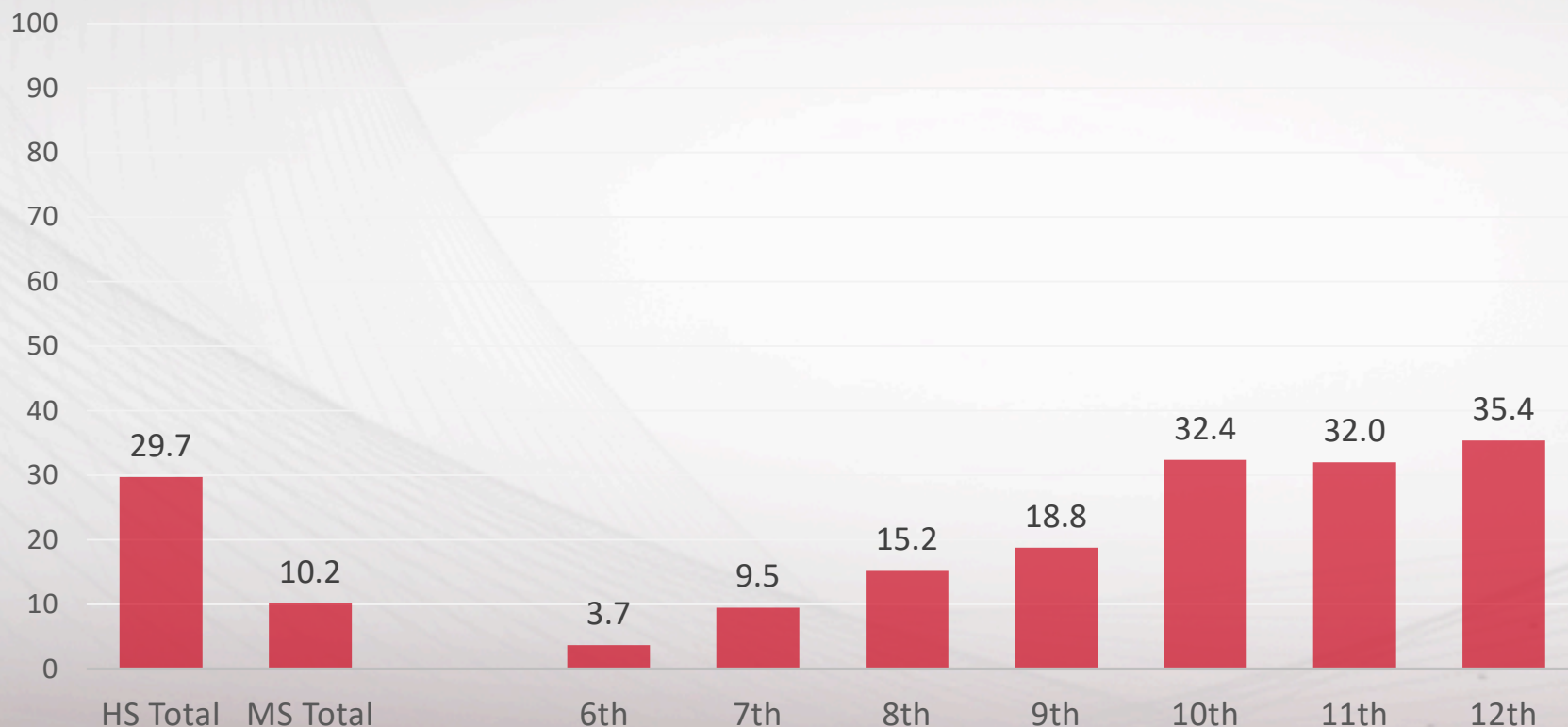
Percentage of Middle School Students Who Ever Drank Alcohol



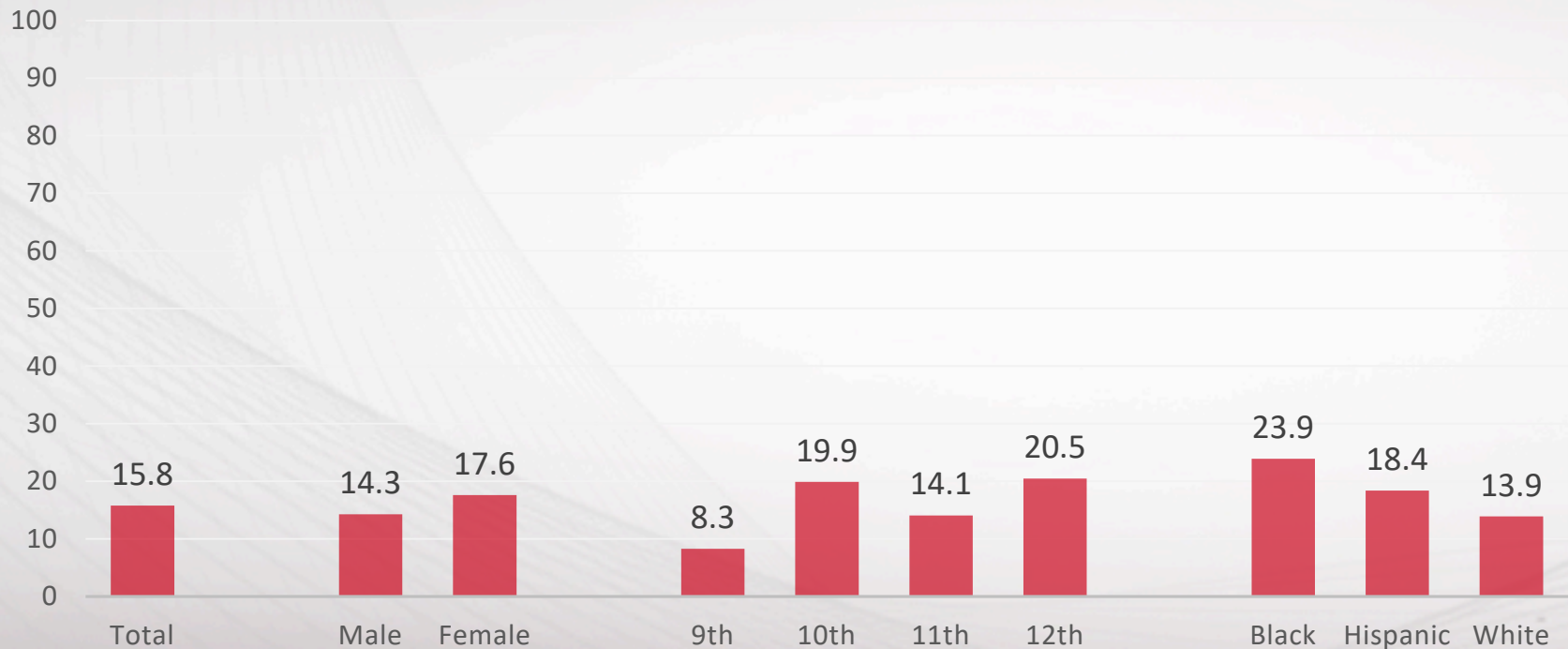
Substance Use, HS/MS Comparisons



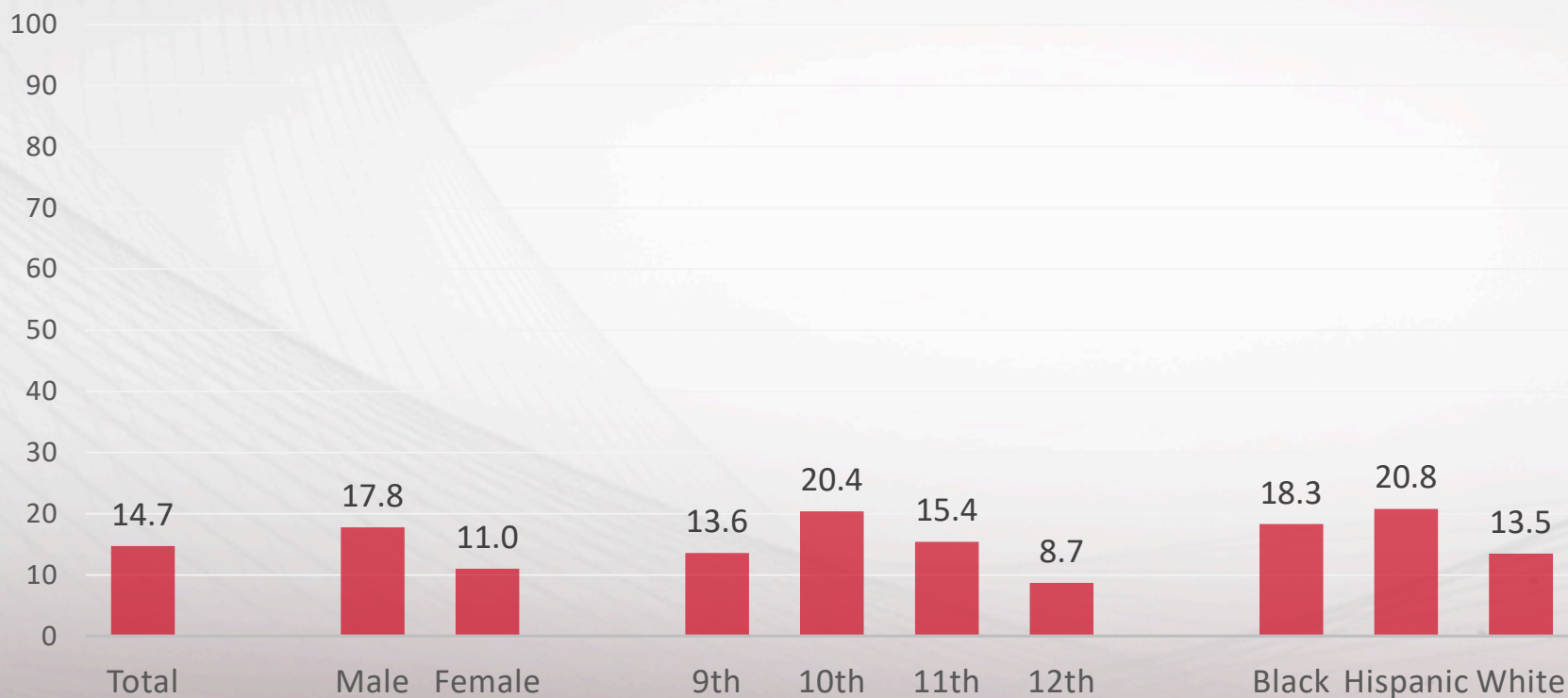
Percentage of Middle and High School Students Who Ever Used Marijuana, by Grade



Percentage of High School Students Who Currently Used Marijuana

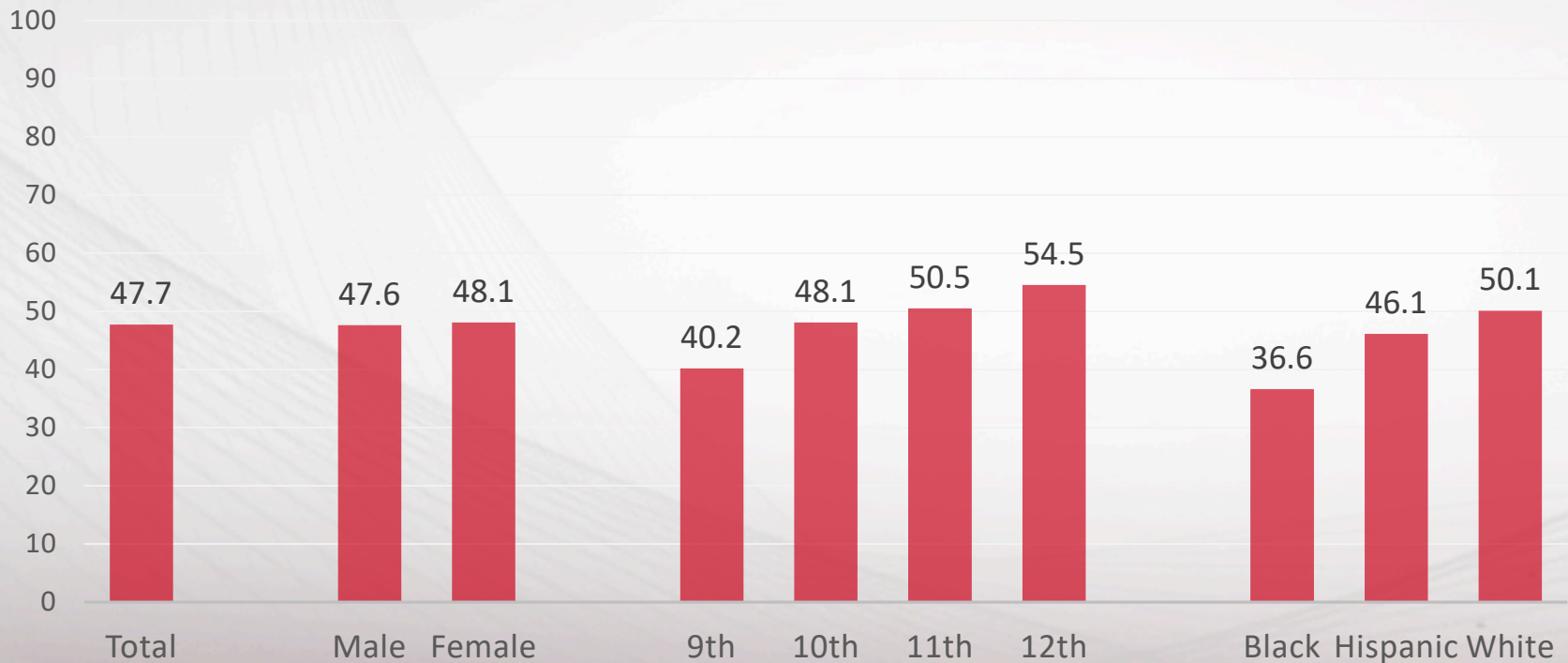


Percentage of High School Students Who Were Offered, Sold, or Given an Illegal Drug on School Property, During the 12 Months Before the Survey

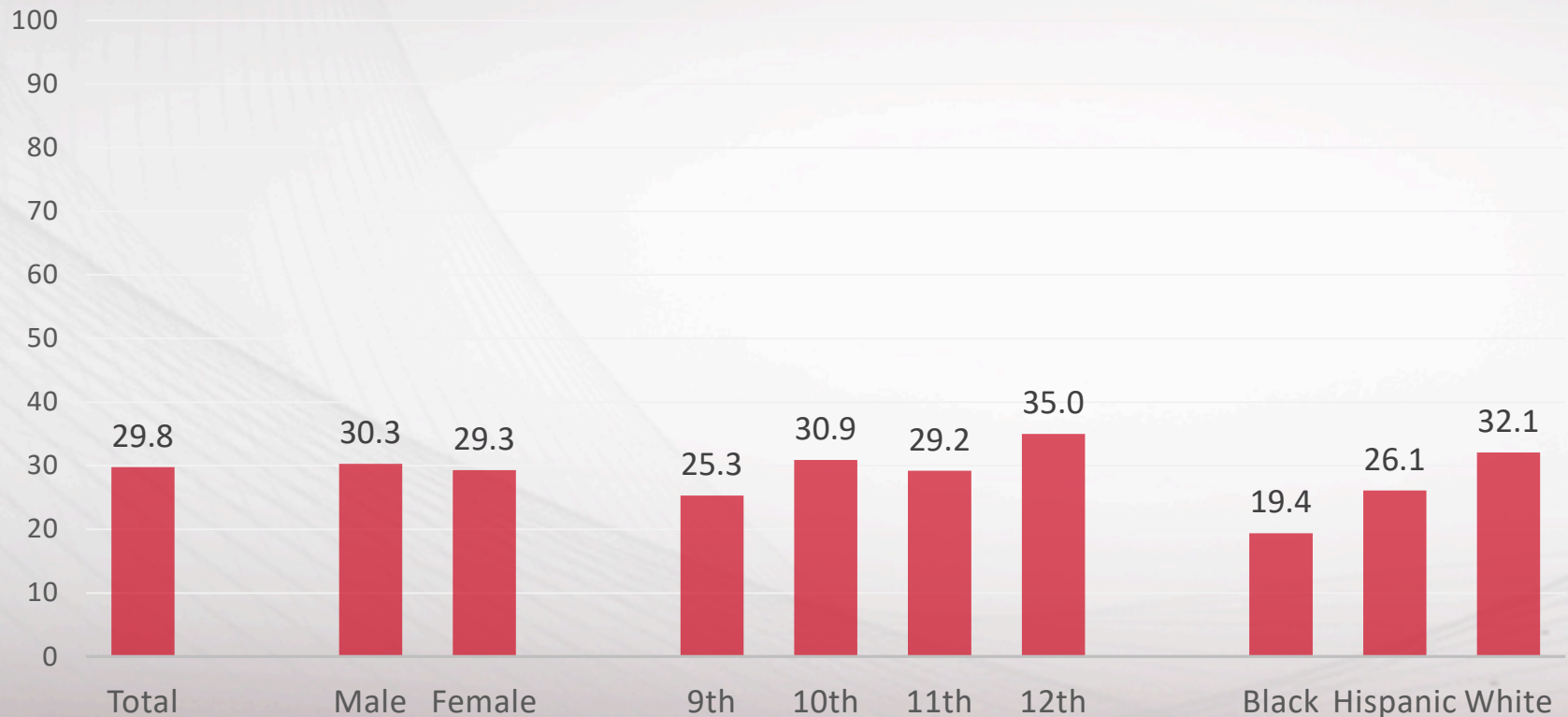


Tobacco Use/ Vaping

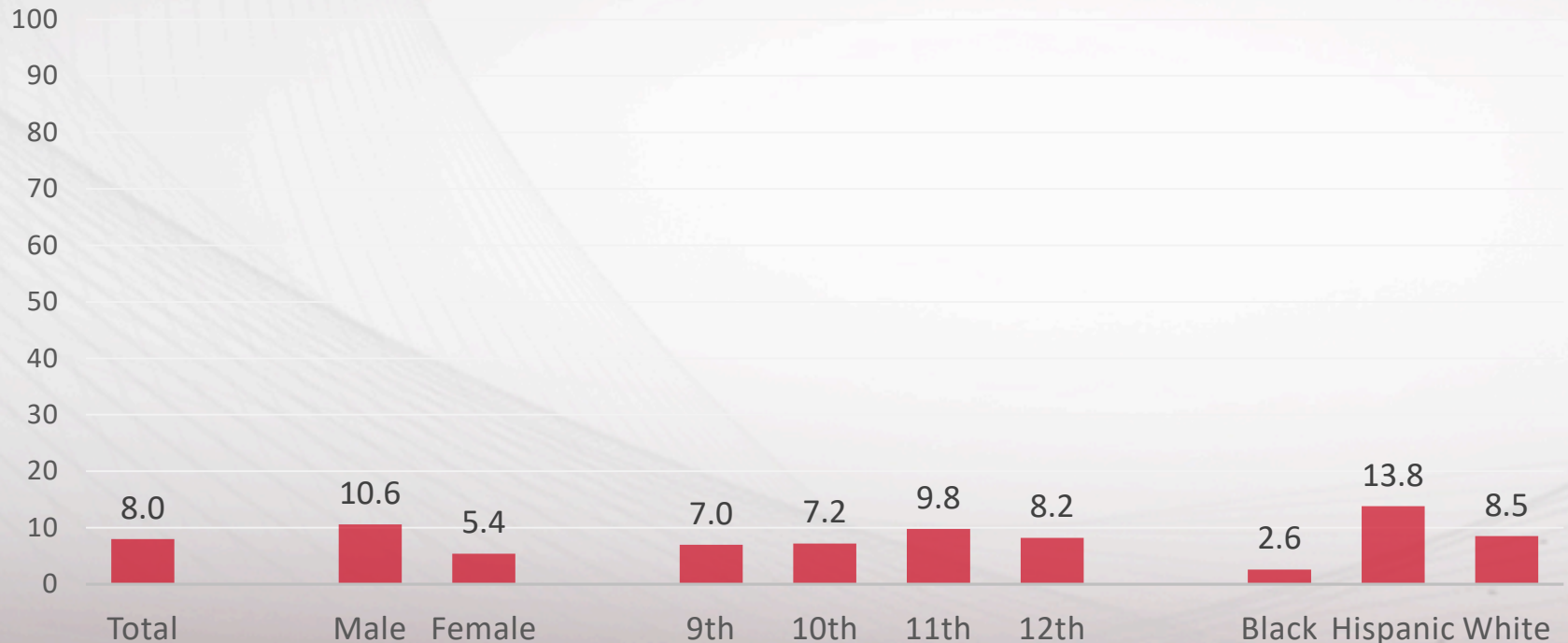
Percentage of High School Students Who Have Ever Used an Electronic Vapor Product



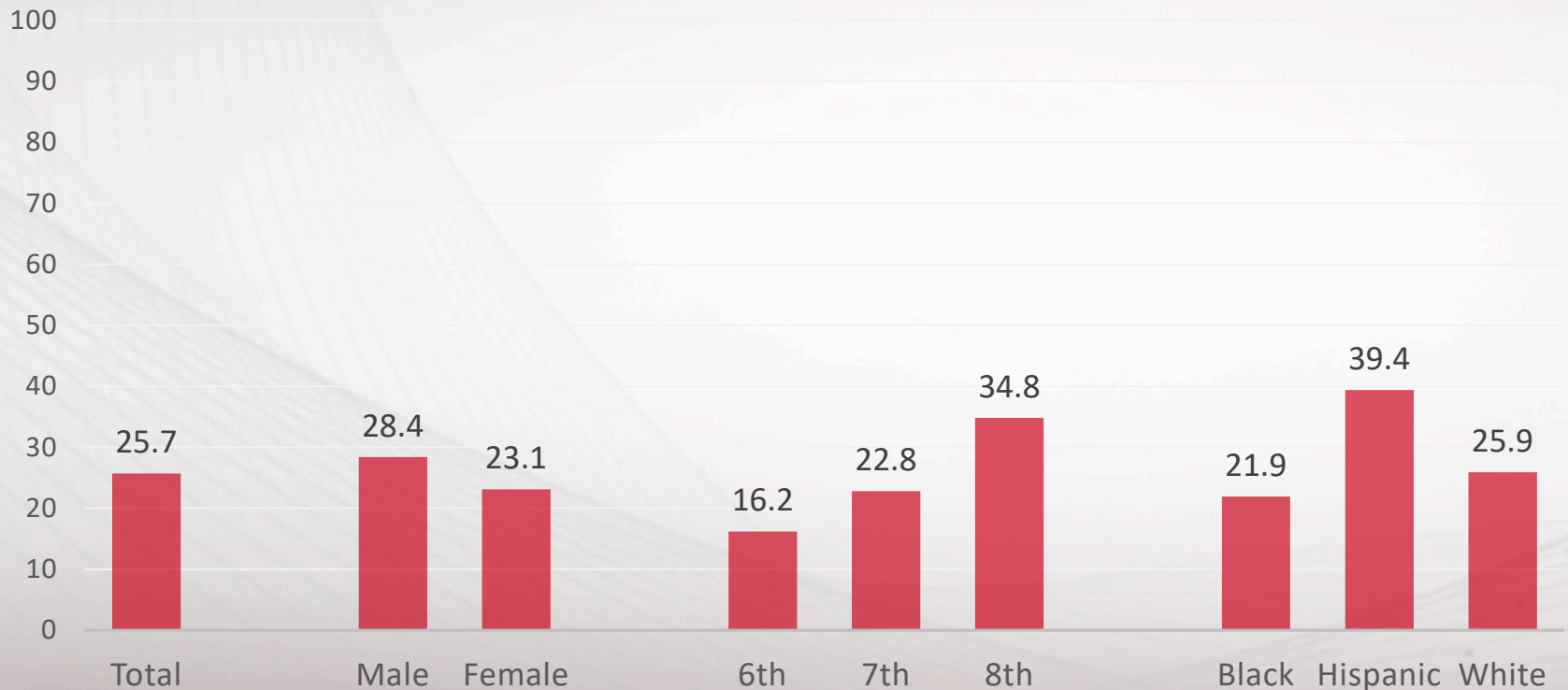
Percentage of High School Students Who Currently Used an Electronic Vapor Product



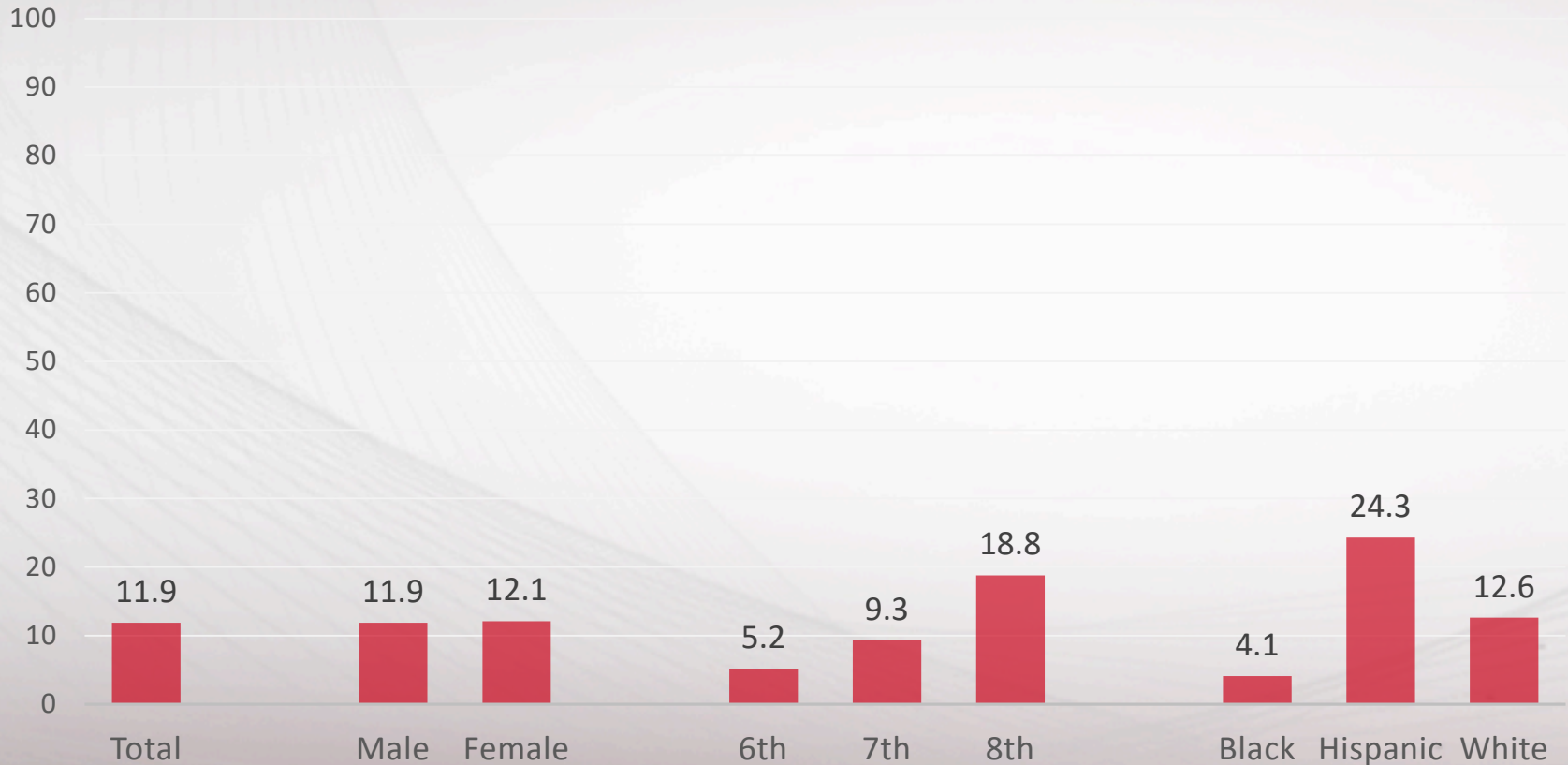
Percentage of High School Students Who Currently Use an Electronic Vapor Product Frequently



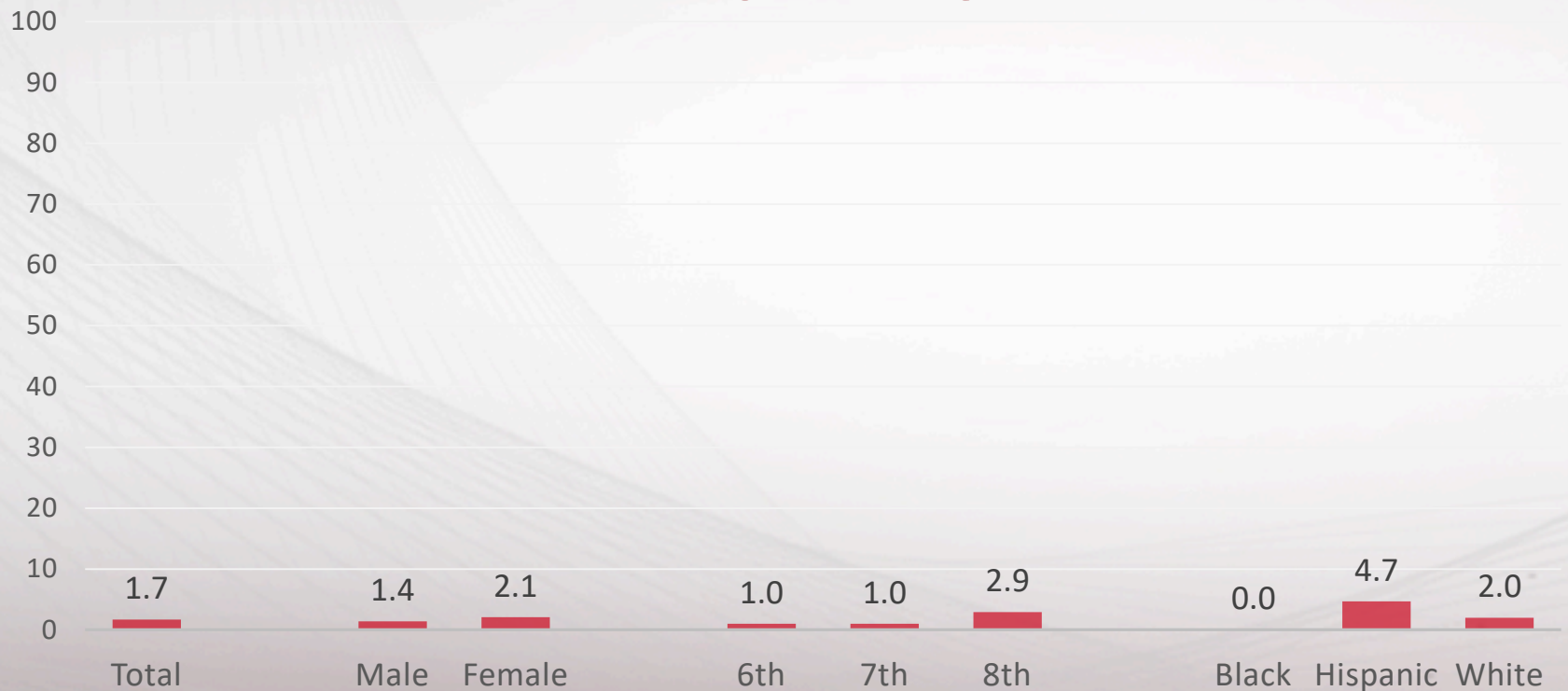
Percentage of Middle School Students Who Ever Used an Electronic Vapor Product



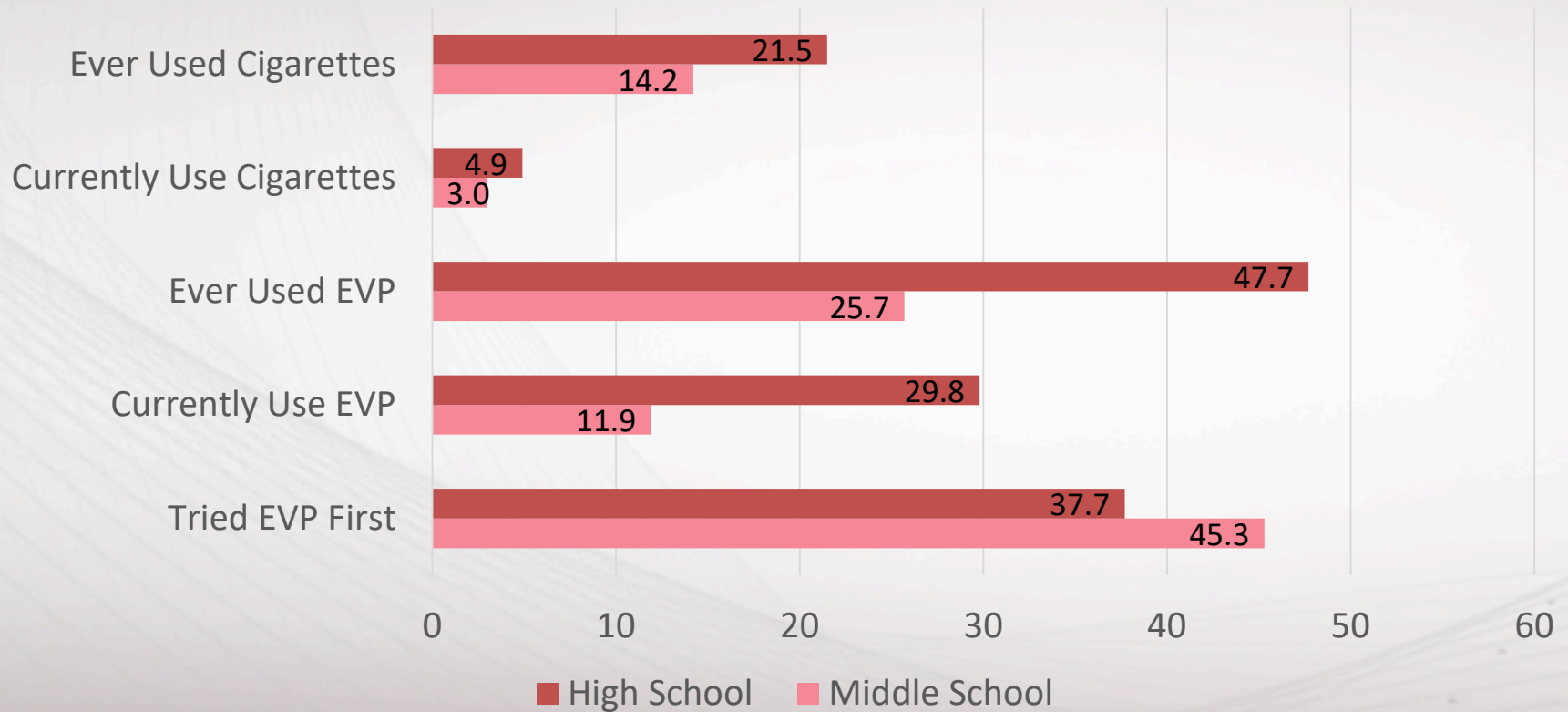
Percentage of Middle School Students Who Currently Used an Electronic Vapor Product



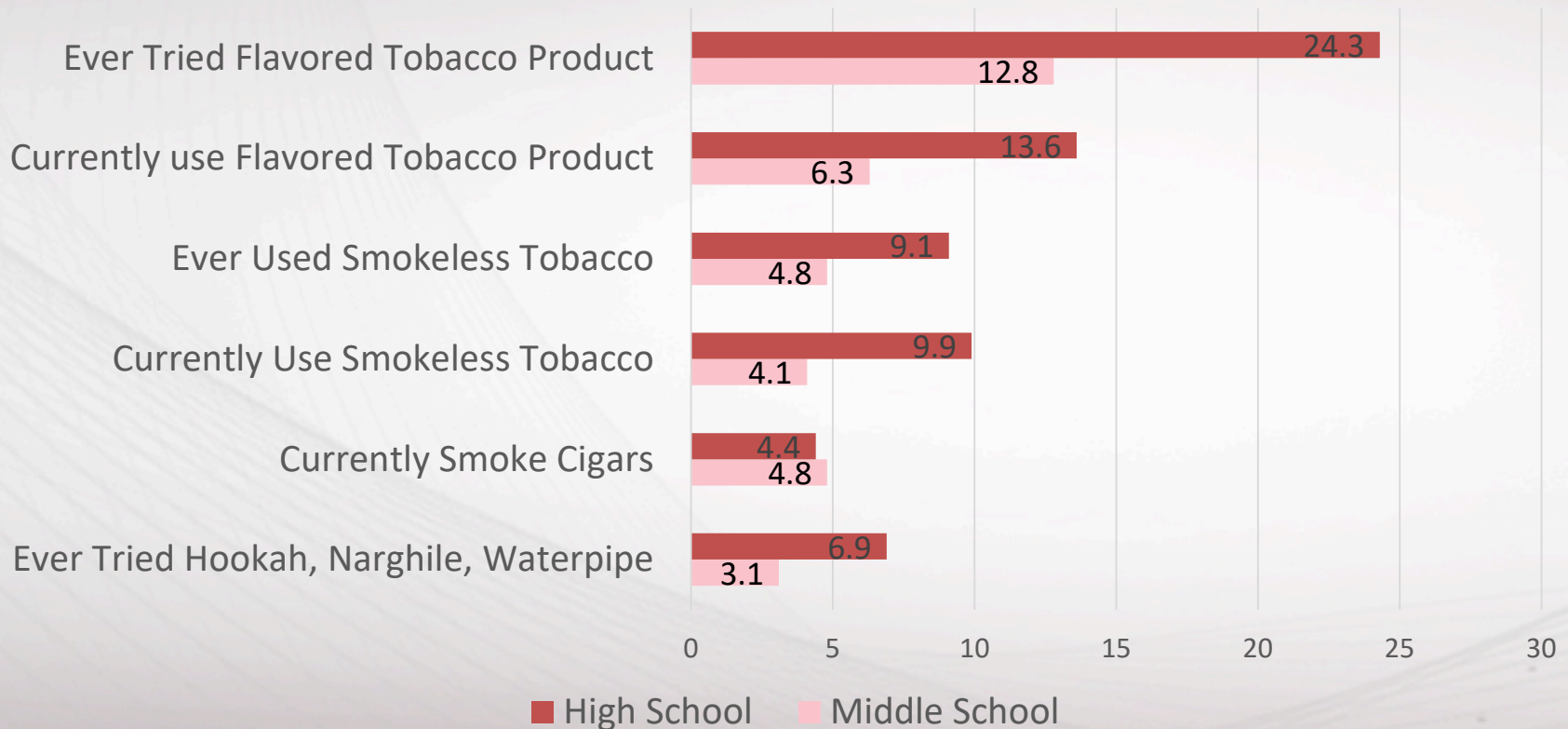
Percentage of Middle School Students Who Currently Used Electronic Vapor Products Frequently



Tobacco and Vaping MS/HS Comparisons

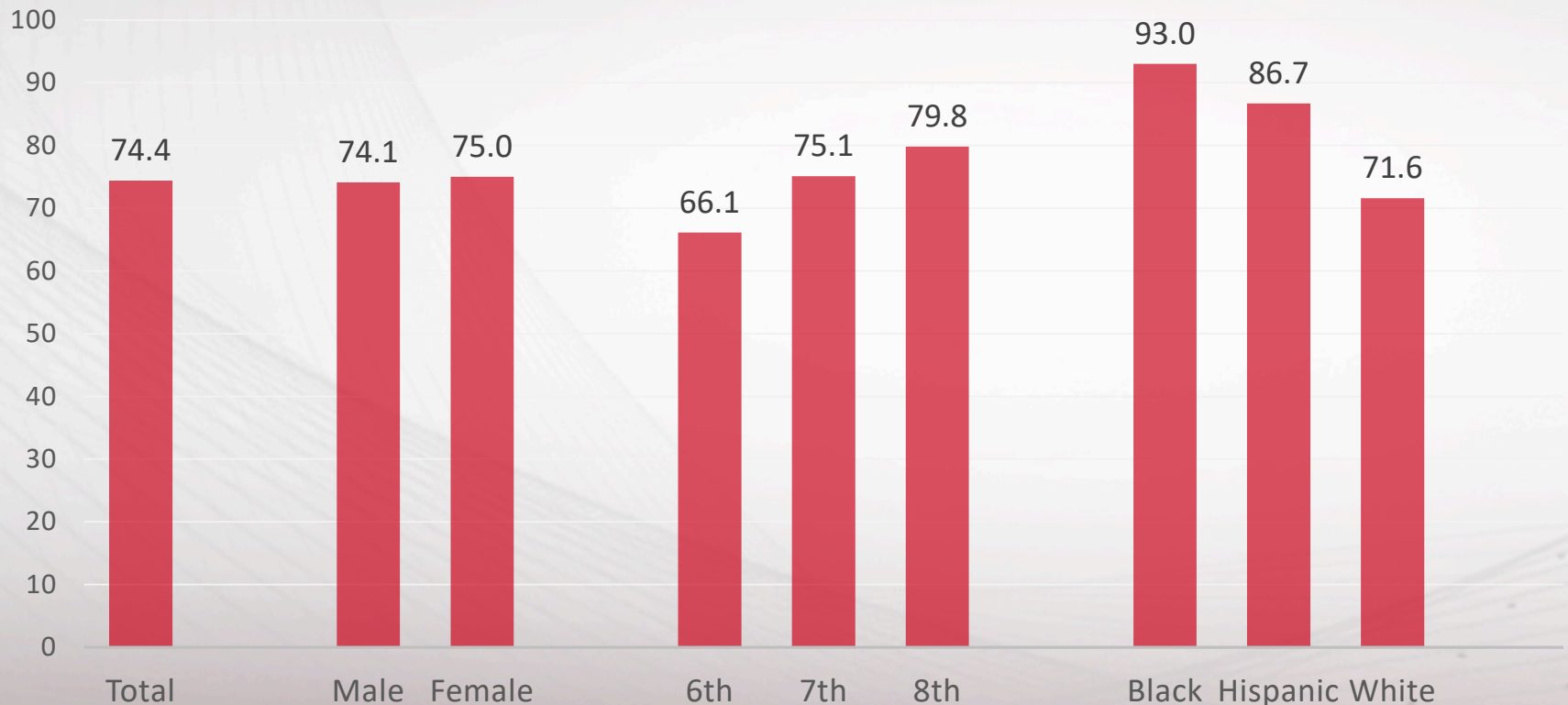


Tobacco and Vaping MS/HS Comparisons

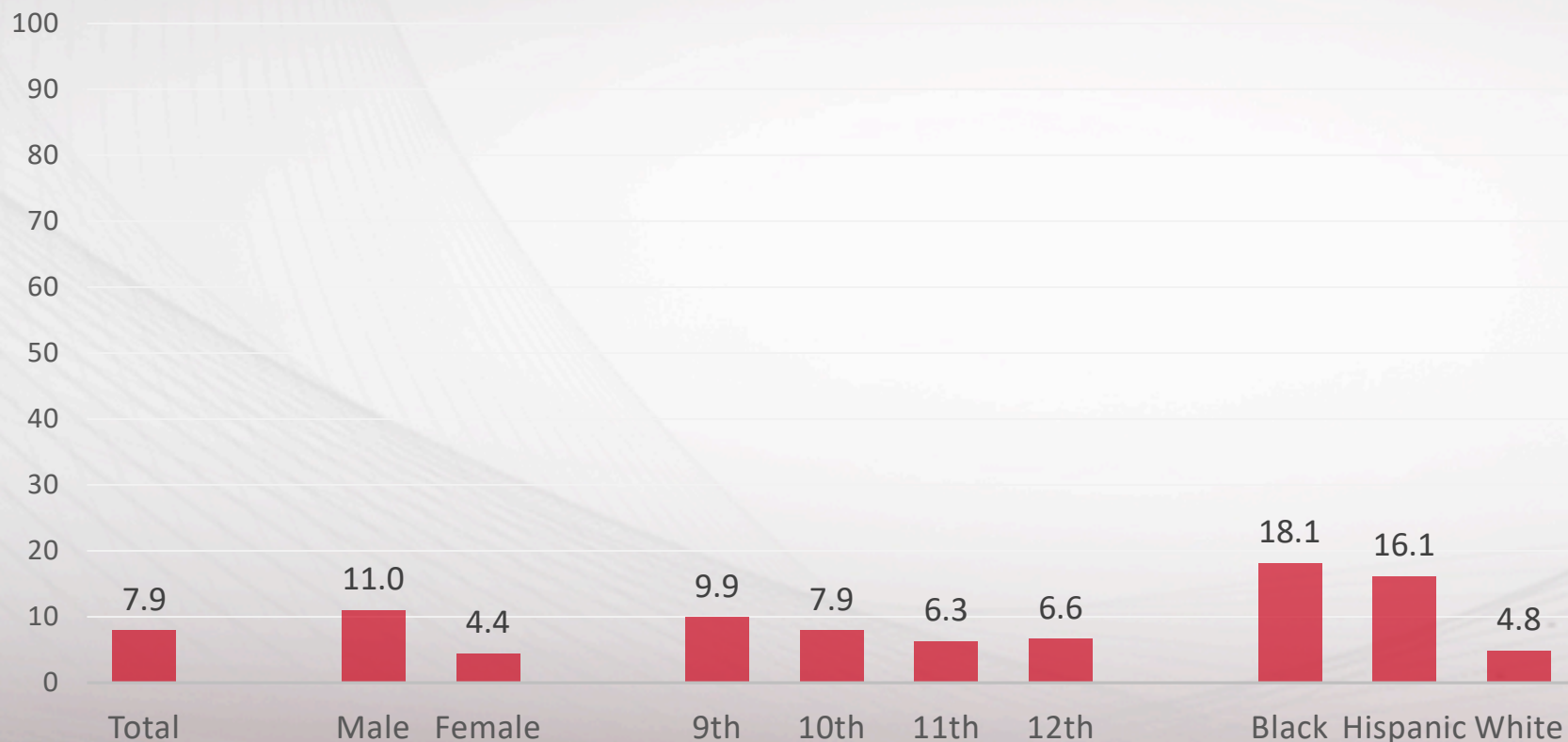


OAHP Topic Area 2: Injury, Violence, and Safety

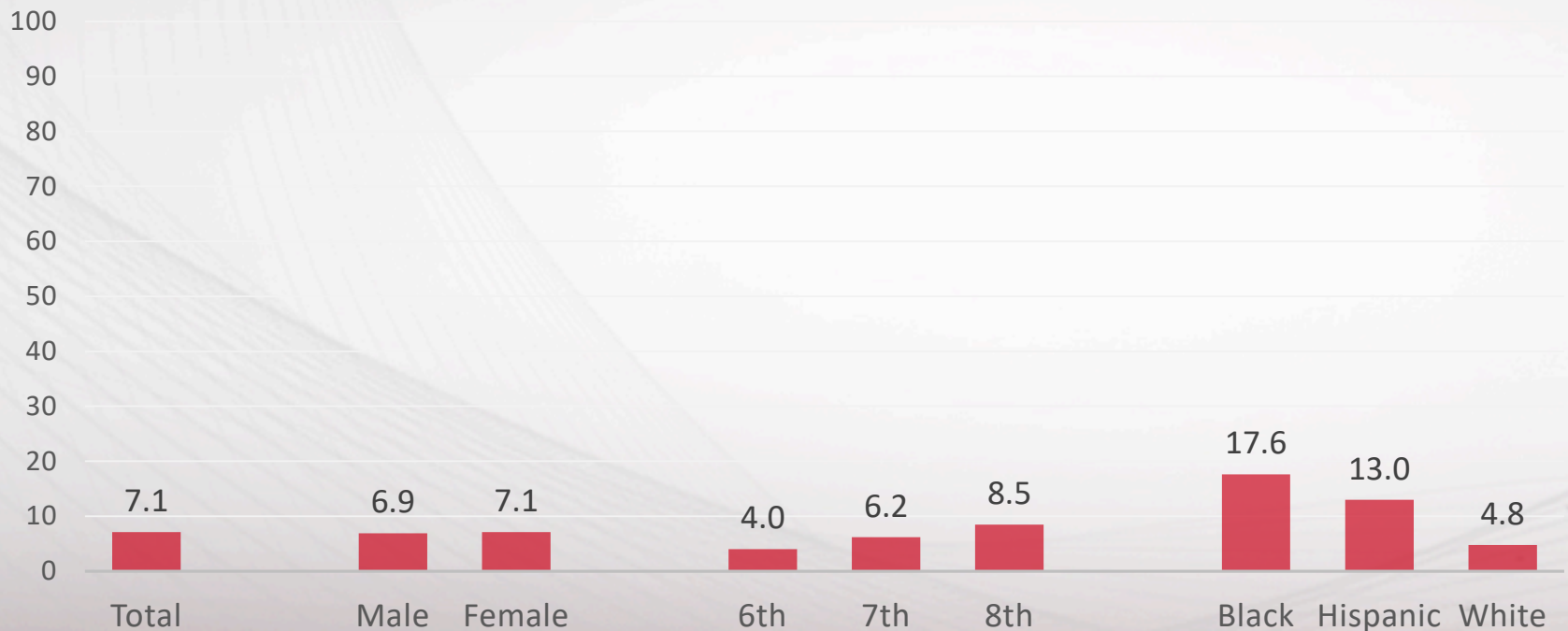
Percentage of Middle School Students Who Rarely or Never Wore a Bicycle Helmet



Percentage of High School Students Who Rarely or Never Wore a Seat Belt When Riding in a Car



Percentage of Middle School Students Who Rarely or Never Wore a Seat Belt When Riding in a Car

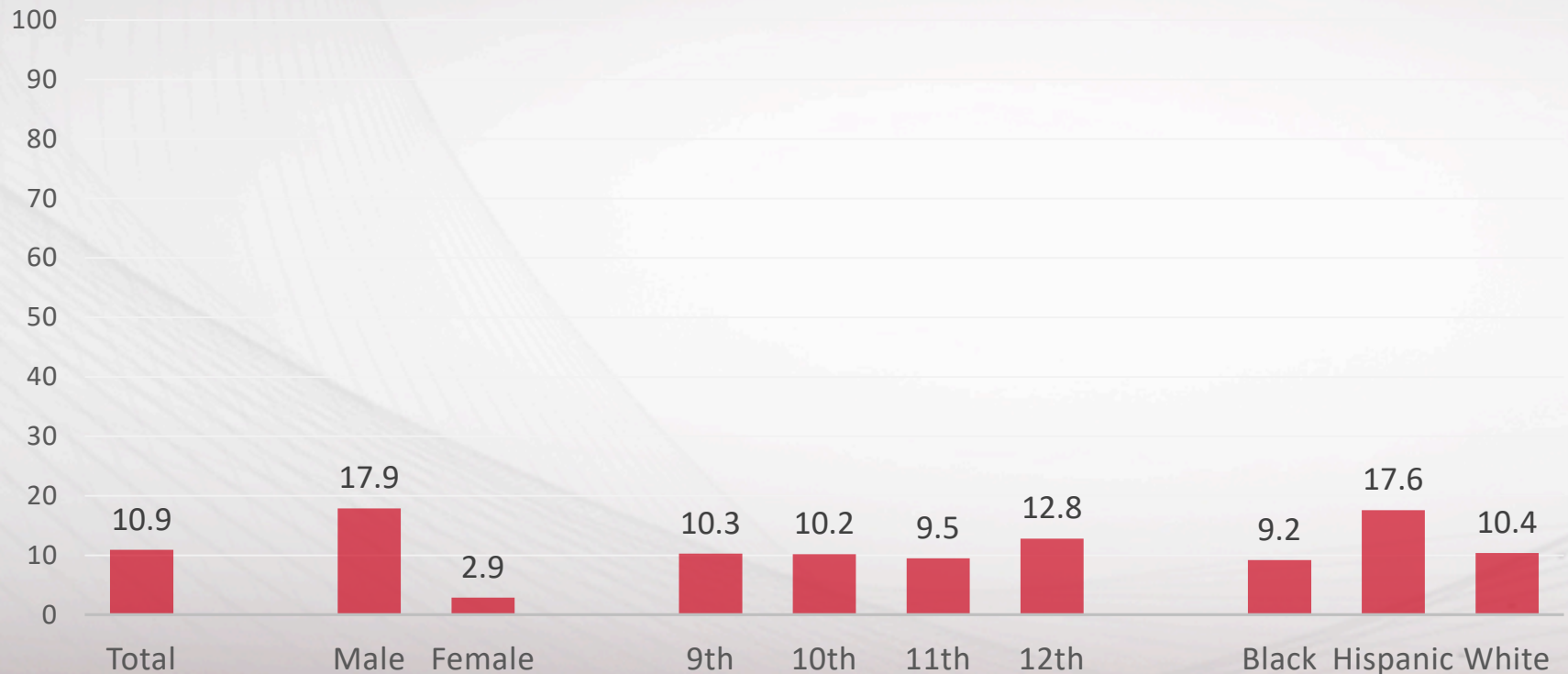


Percentage of High School Students Who Texted or Emailed While Driving a Car, Past 30 Days

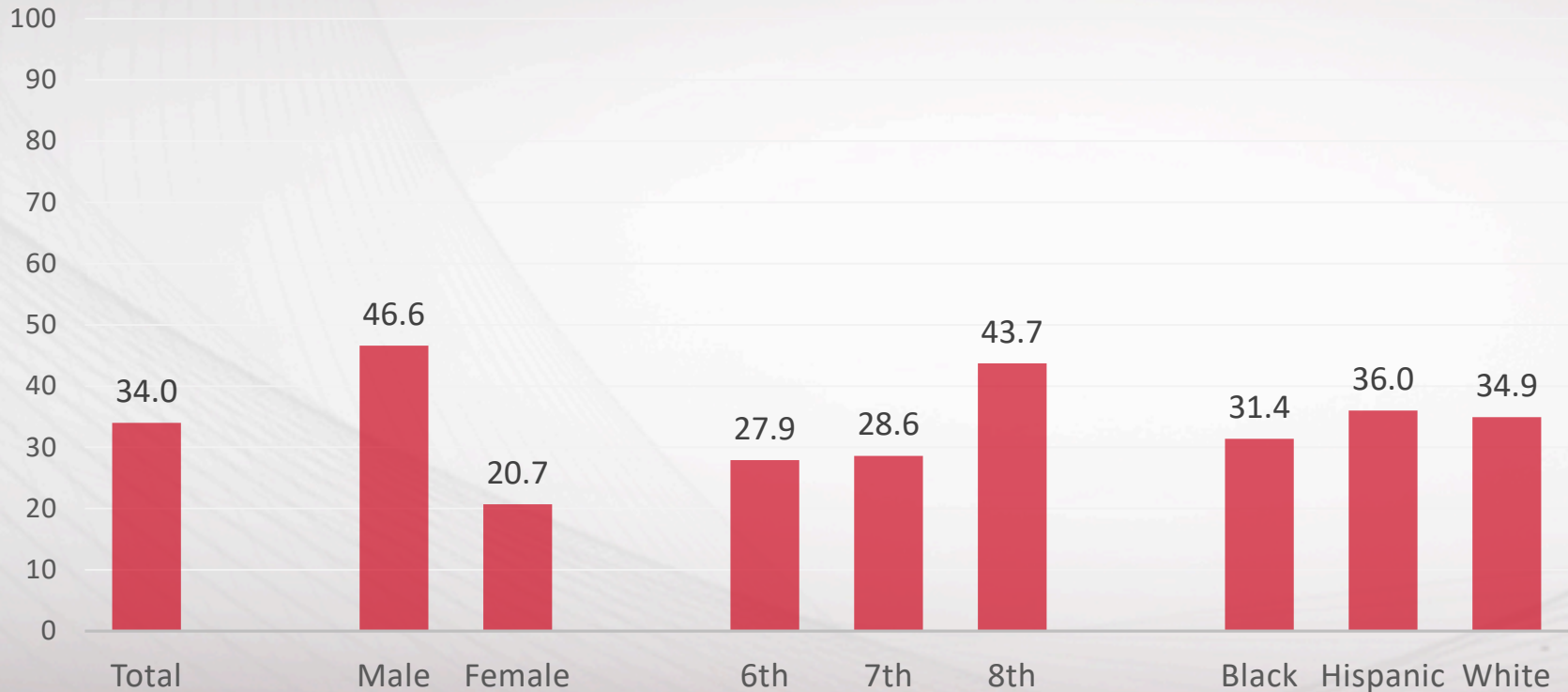


Missing bar indicates fewer than 100 students in the subgroup.

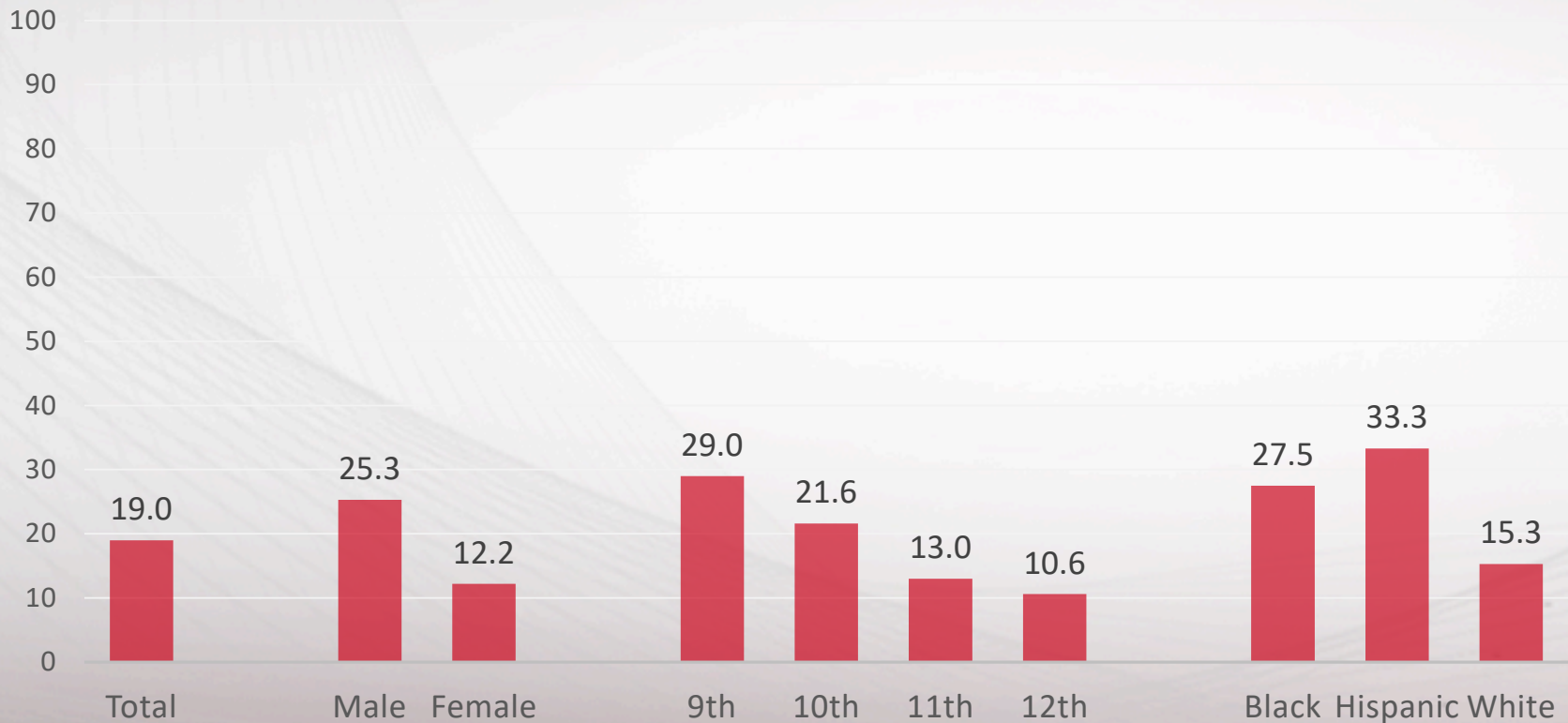
Percentage of High School Students Who Carried a Weapon, During Past 30 Days



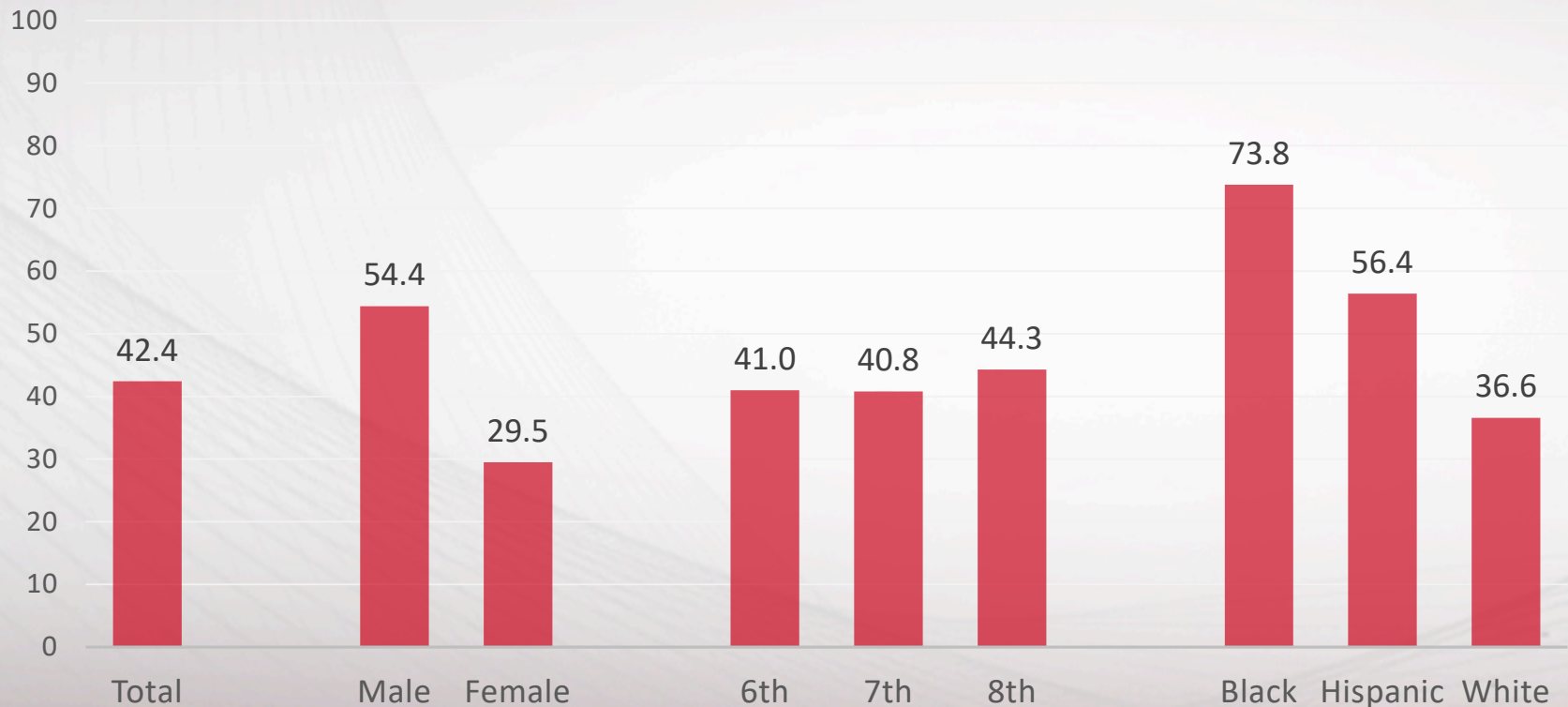
Percentage of Middle School Students Who Ever Carried a Weapon



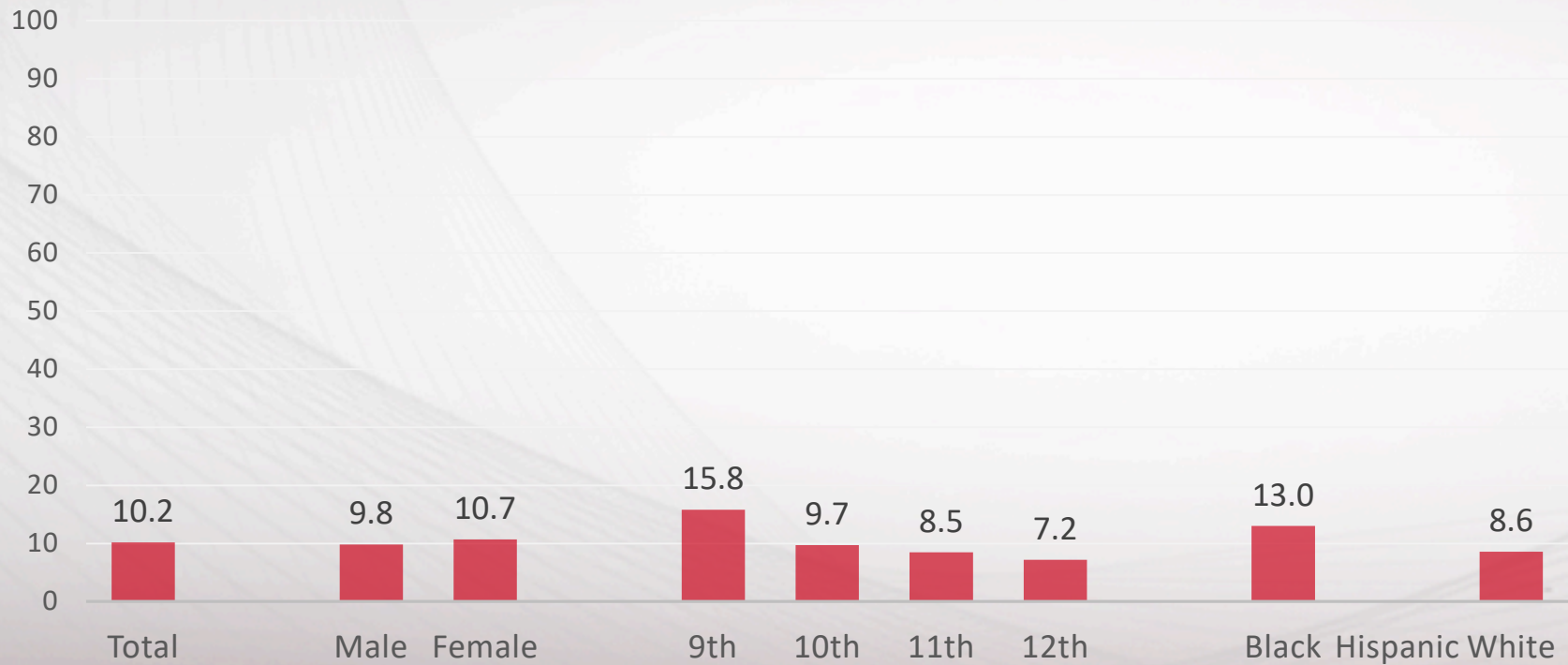
Percentage of High School Students Who Were in A Physical Fight, Past 12 Months



Percentage of Middle School Students Who Were Ever In a Physical Fight

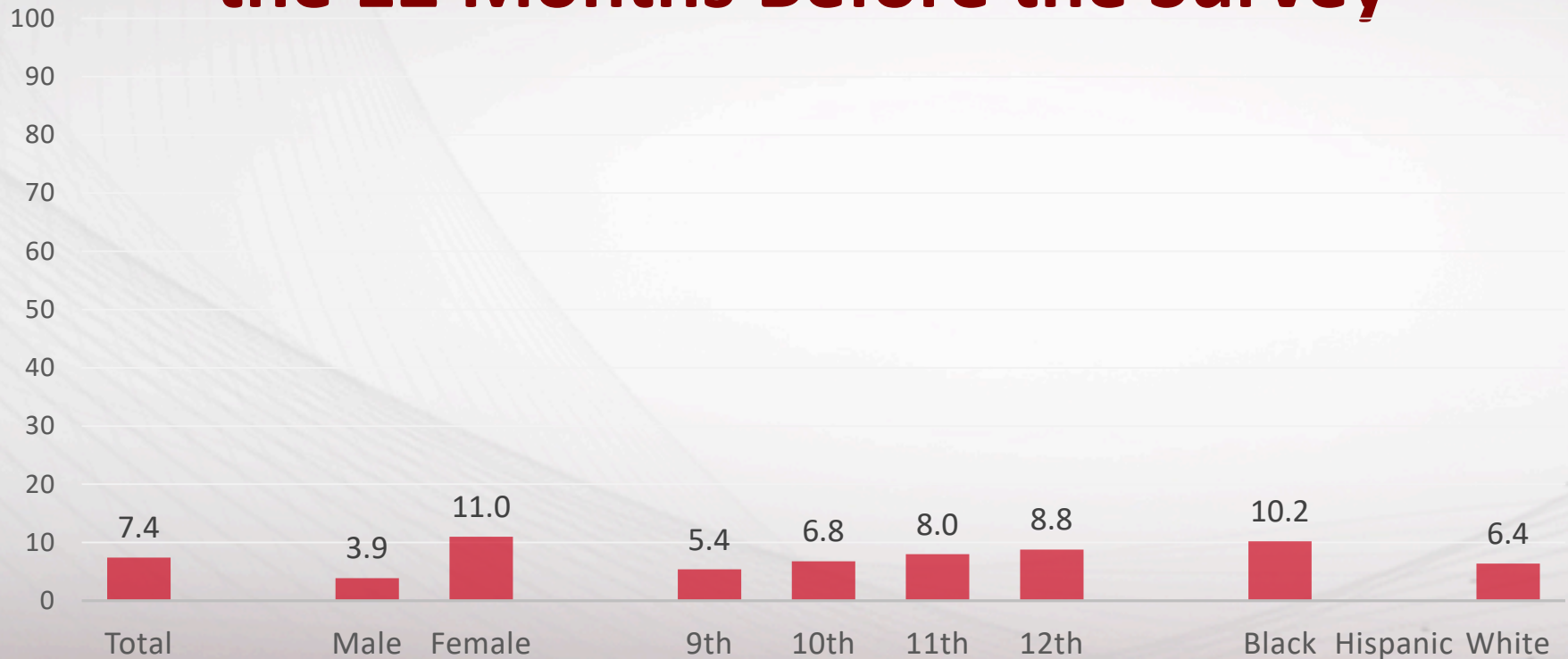


Percentage of High School Students Who Experienced Physical Dating Violence During the 12 Months Before the Survey



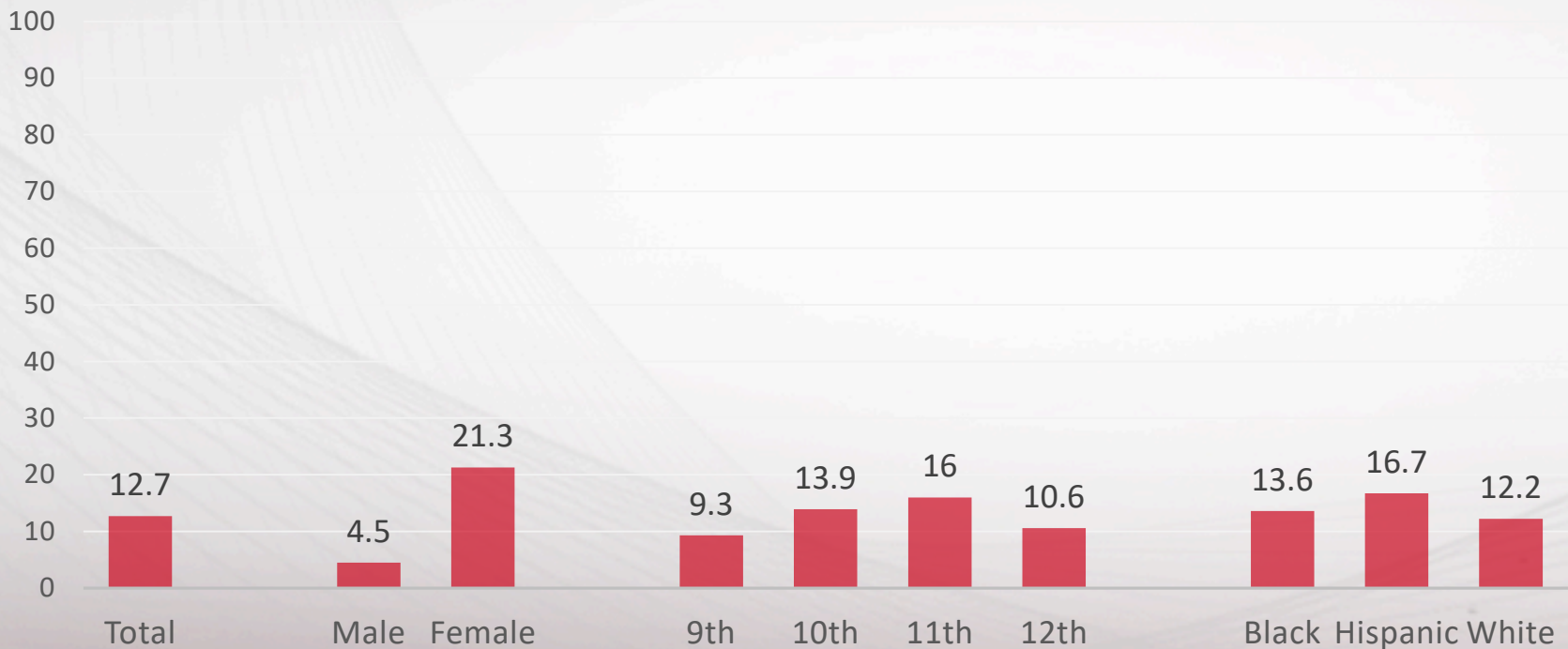
Missing bar indicates fewer than 100 students in the subgroup.

Percentage of High School Students Who Experienced Sexual Dating Violence During the 12 Months Before the Survey

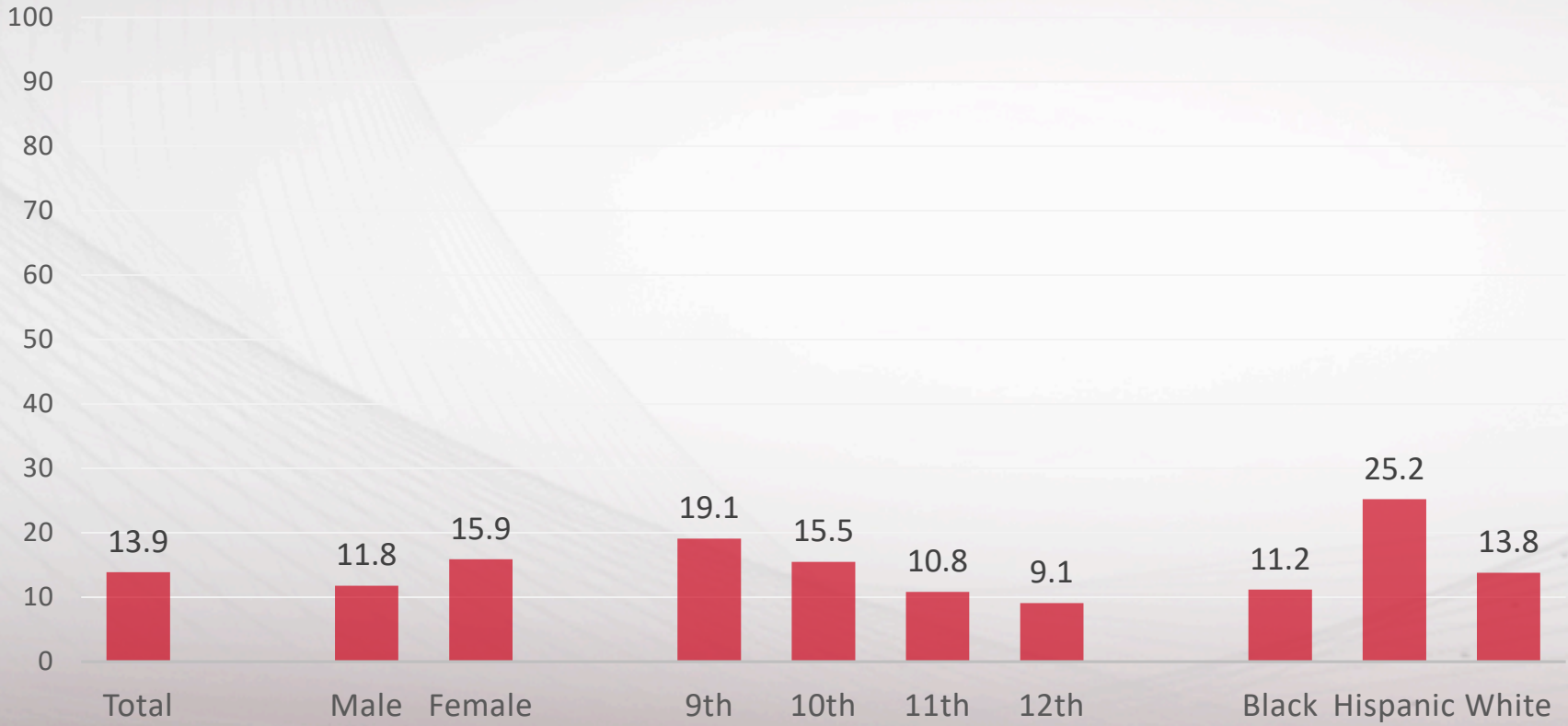


Missing bar indicates fewer than 100 students in the subgroup.

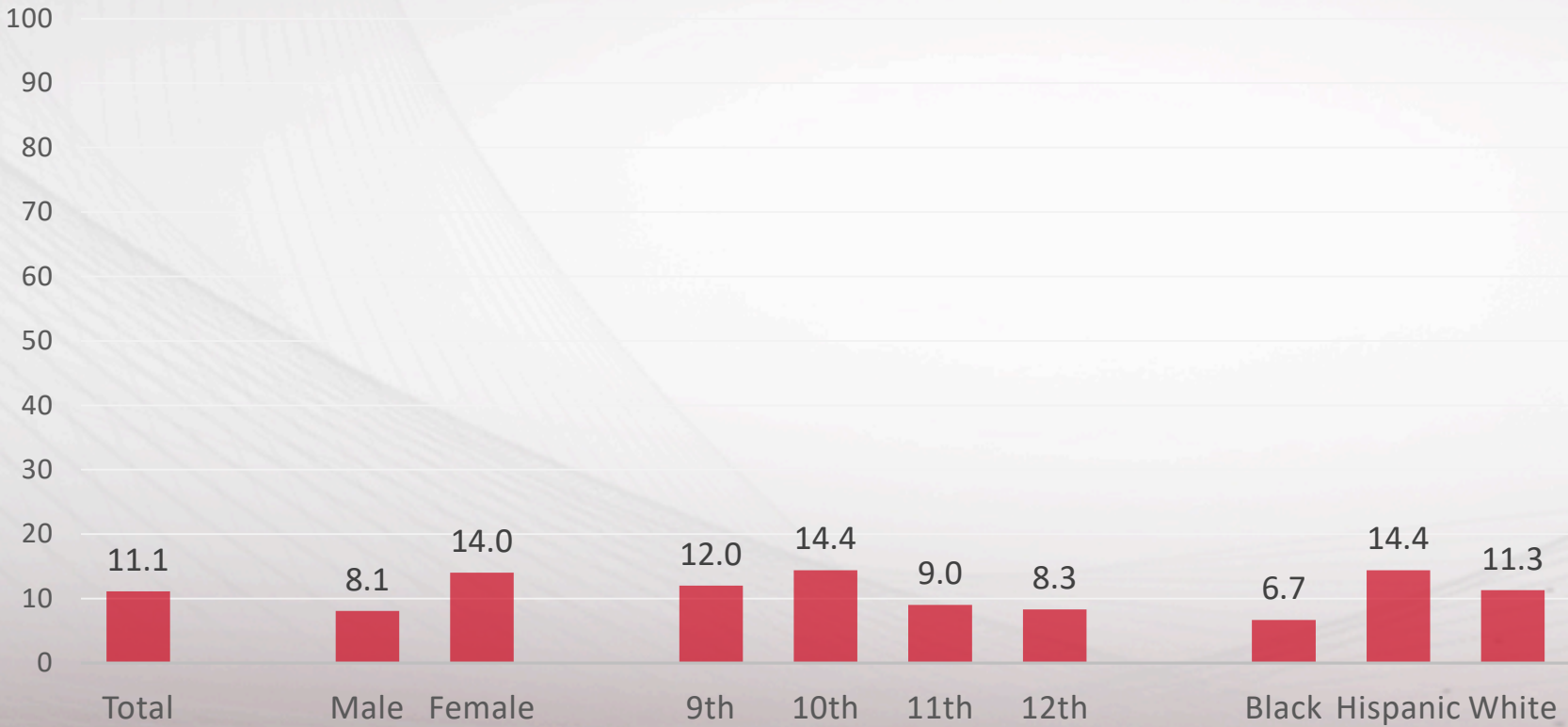
Percentage of High School Students Who Have Ever Been Forced to Do Sexual Things That They Did Not Want To Do



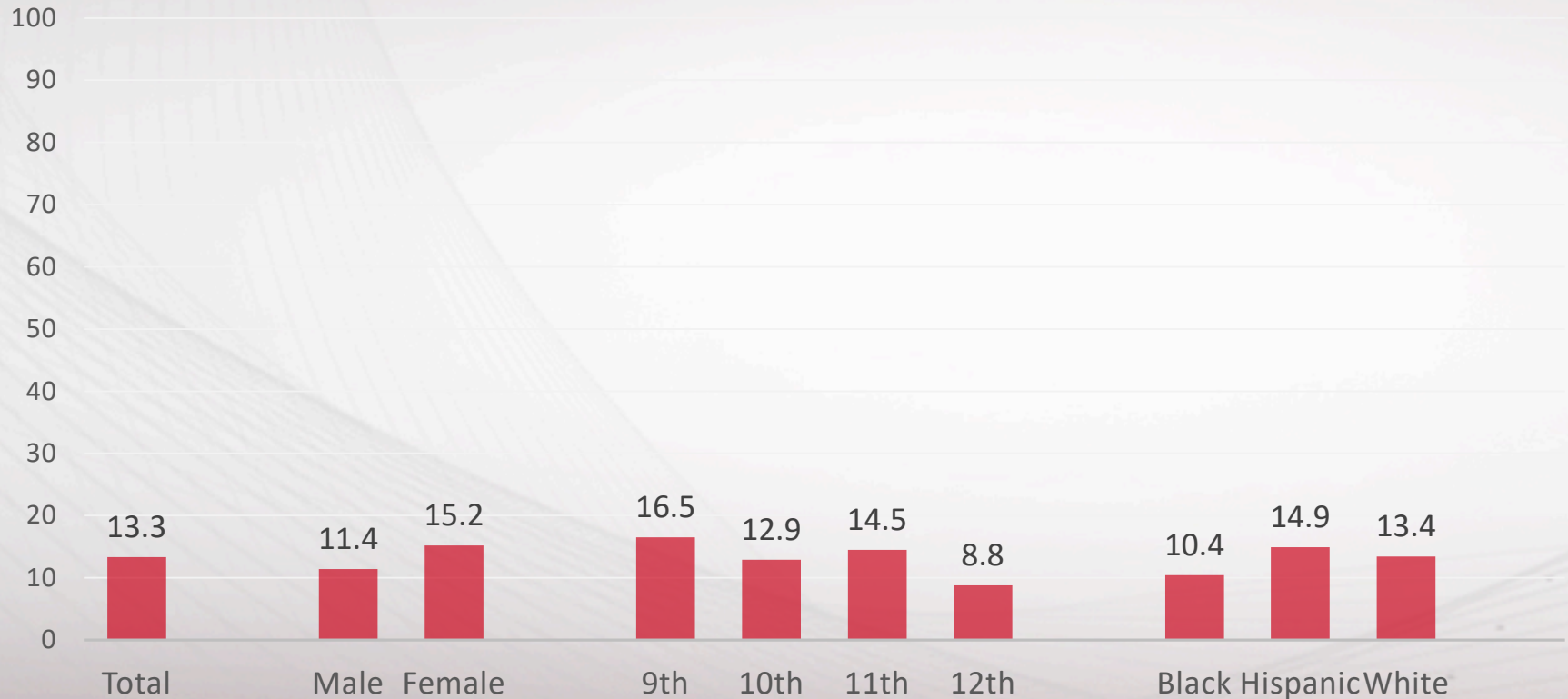
Percentage of High School Students Who Were Bullied on School Property, Past 12 Months



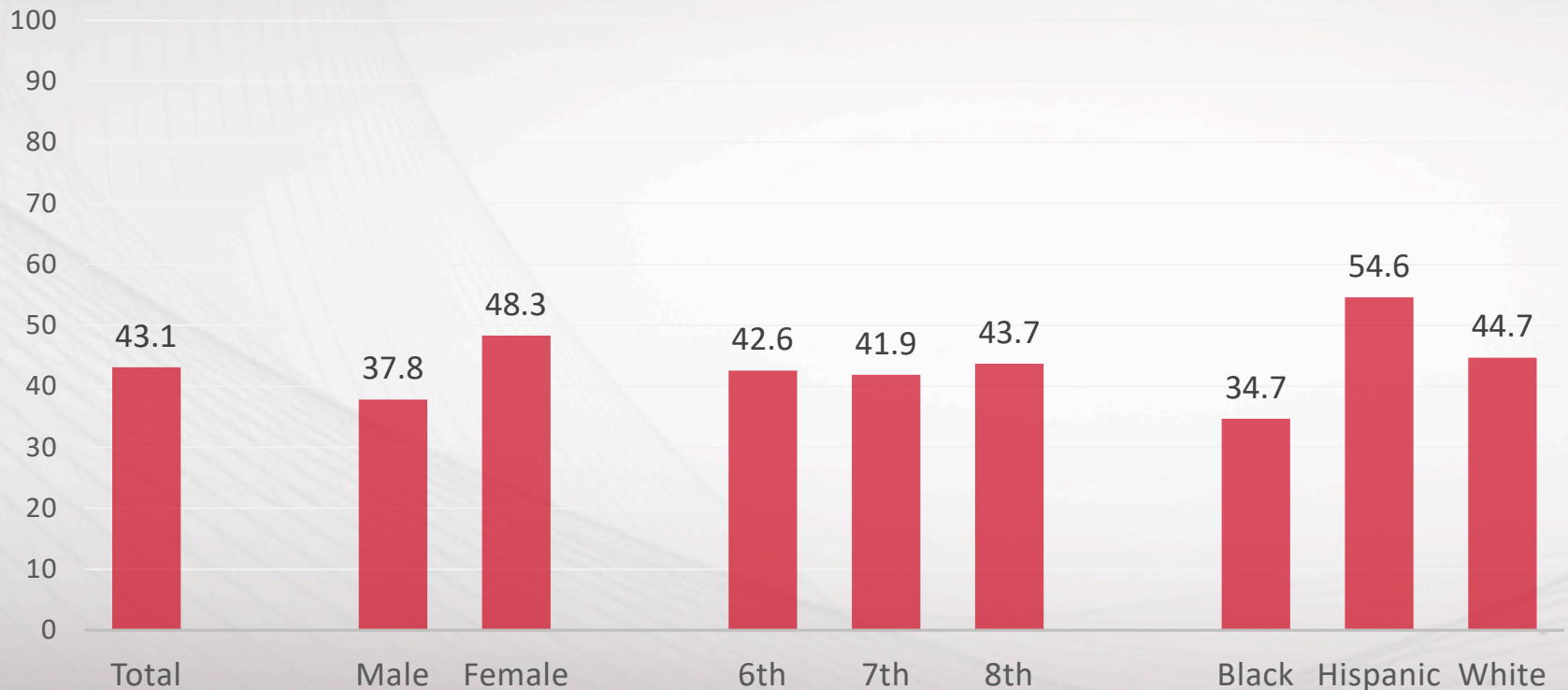
Percentage of High School Students Who Have Ever Been Bullied Away from School Property, Past 12 Months



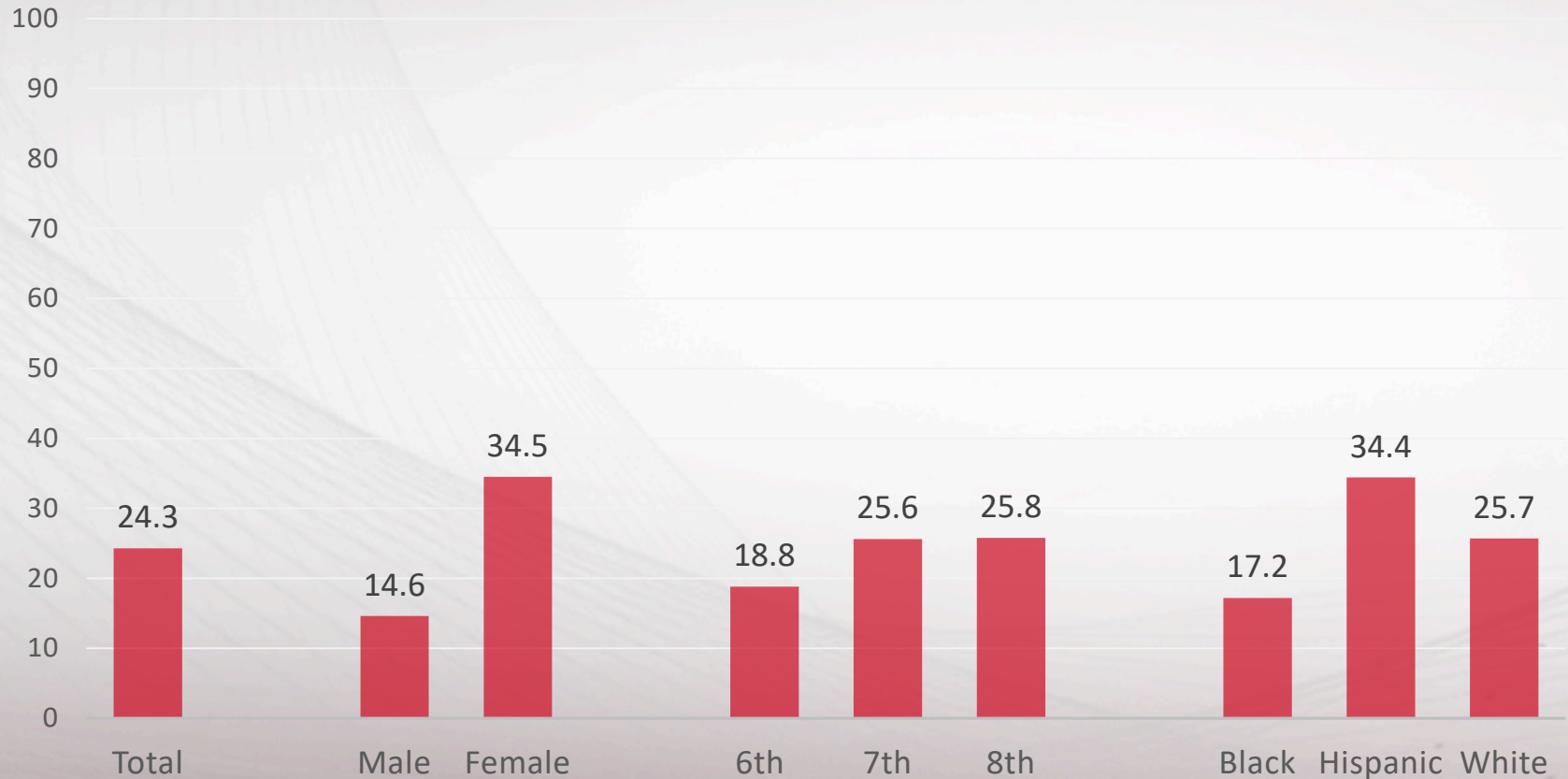
Percentage of High School Students Who Were Electronically Bullied, Past 12 Months



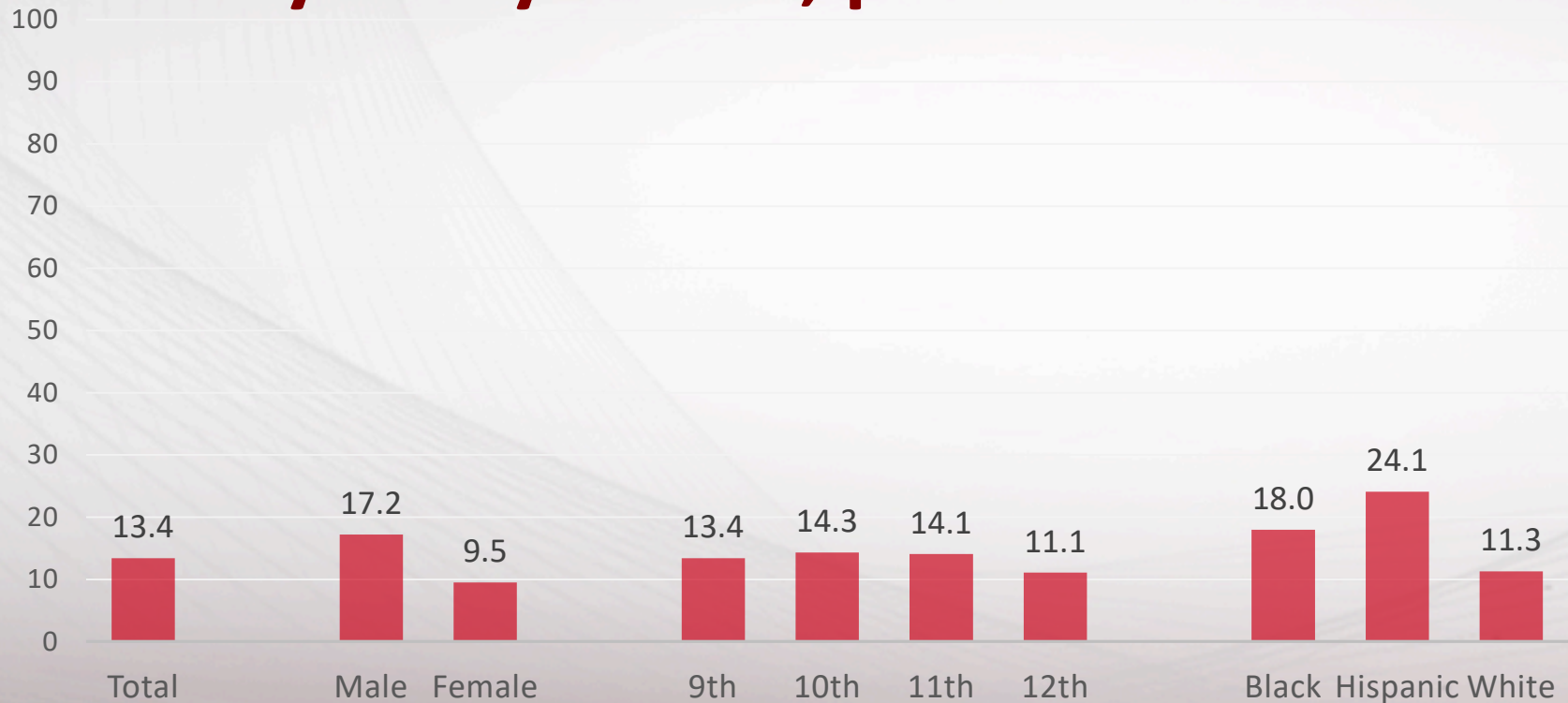
Percentage of Middle School Students Who Were Ever Bullied on School Property



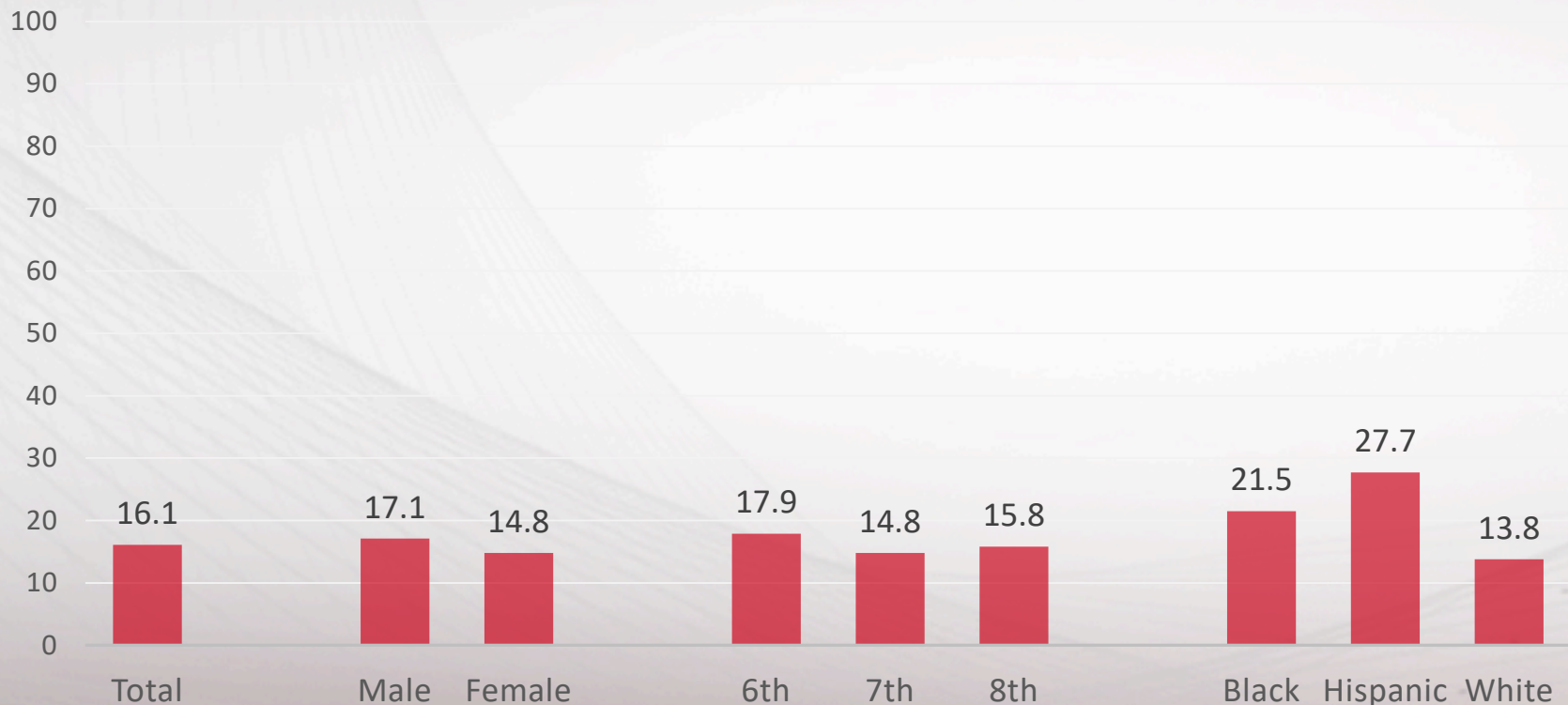
Percentage of Middle School Students Who Were Ever Electronically Bullied



Percentage of High School Students Who Had a Concussion from Playing a Sport or Being Physically Active, past 12 Months

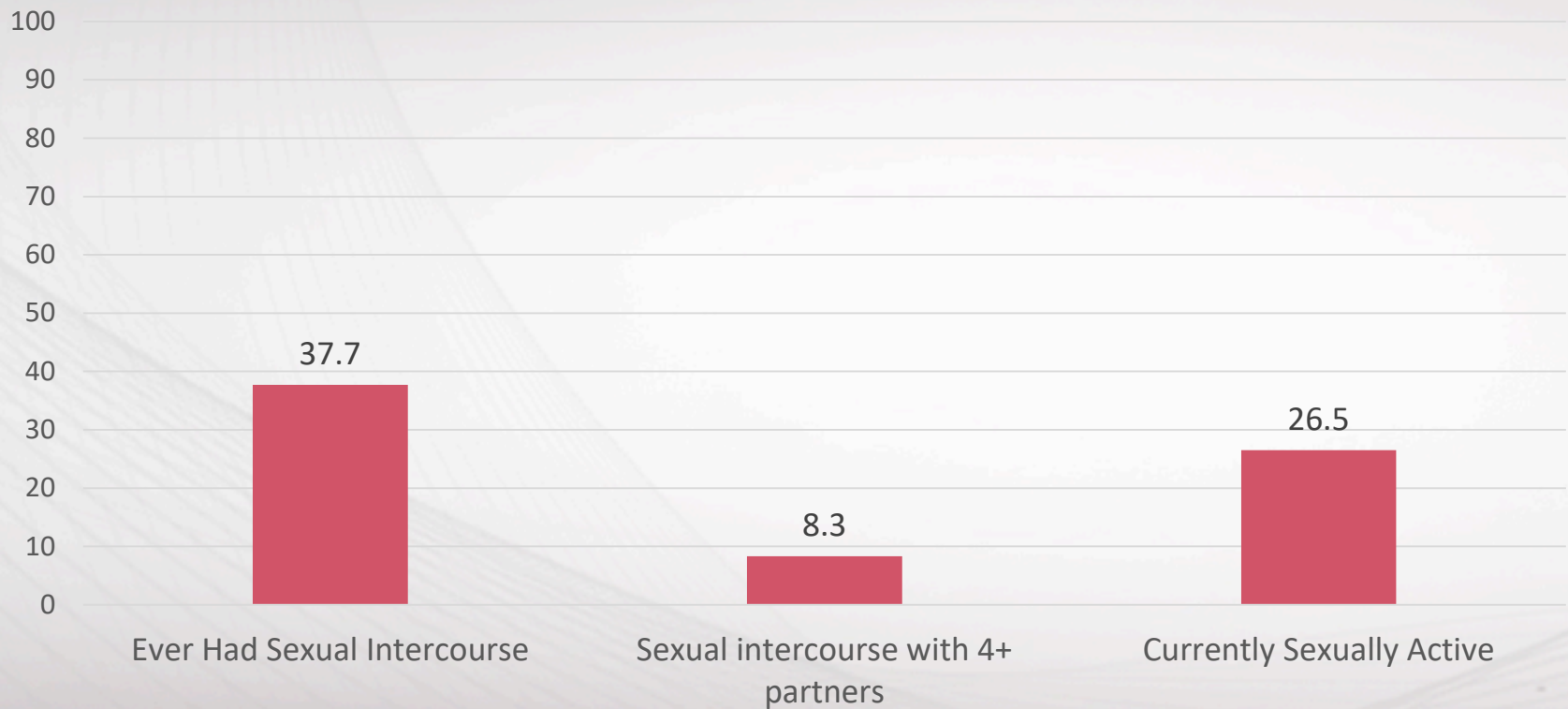


Percentage of Middle School Students Who Had a Concussion from Playing a Sport or Being Physically Active, Past 12 Months

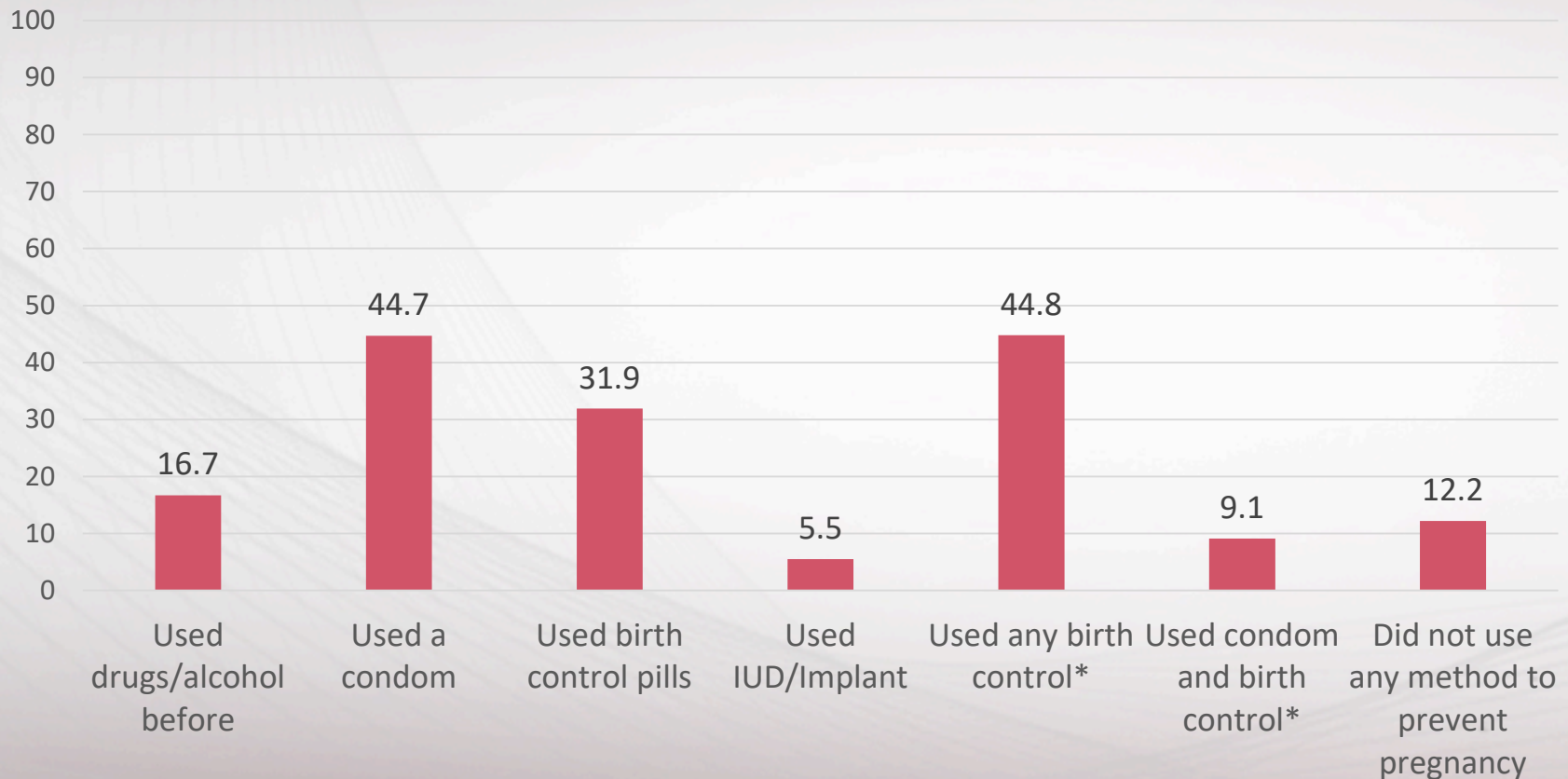


OAHP Area 3: Reproductive Health

High School Sexual Behaviors

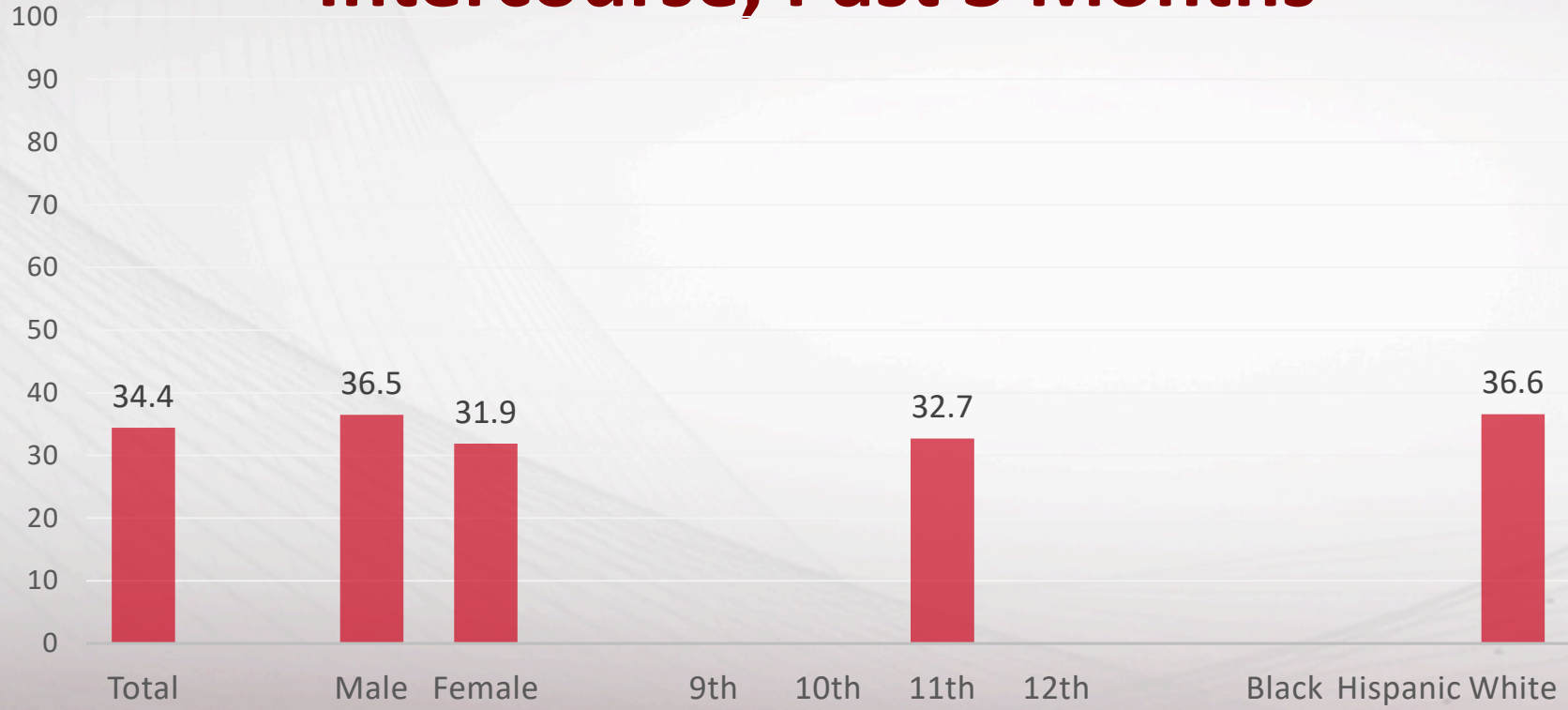


Of Students Who are Currently Sexually Active, During Last Sexual Intercourse...



*Birth control pills; an IUD or implant; or a shot, patch or birth control ring

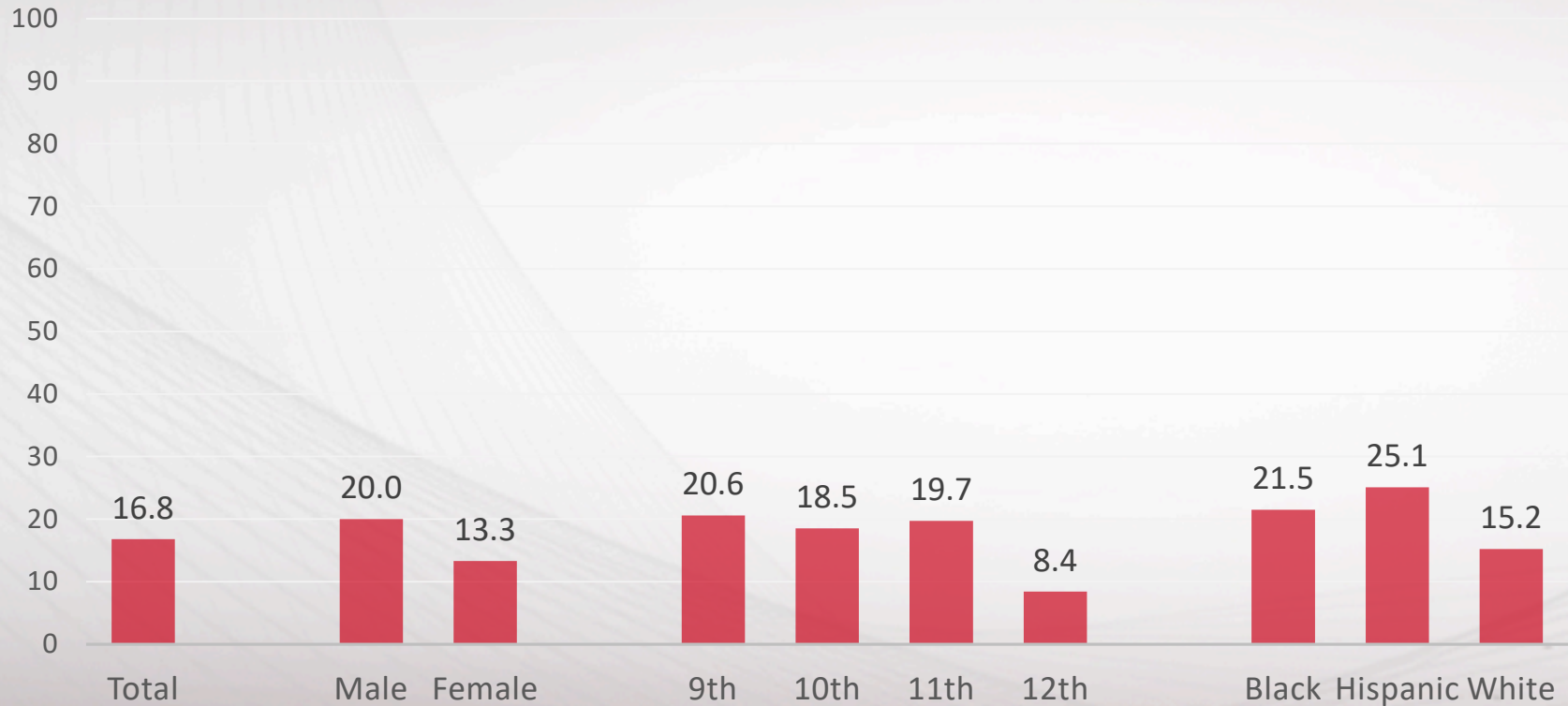
Percentage of High School Students Who Always Used a Condom When They Had Sexual Intercourse, Past 3 Months



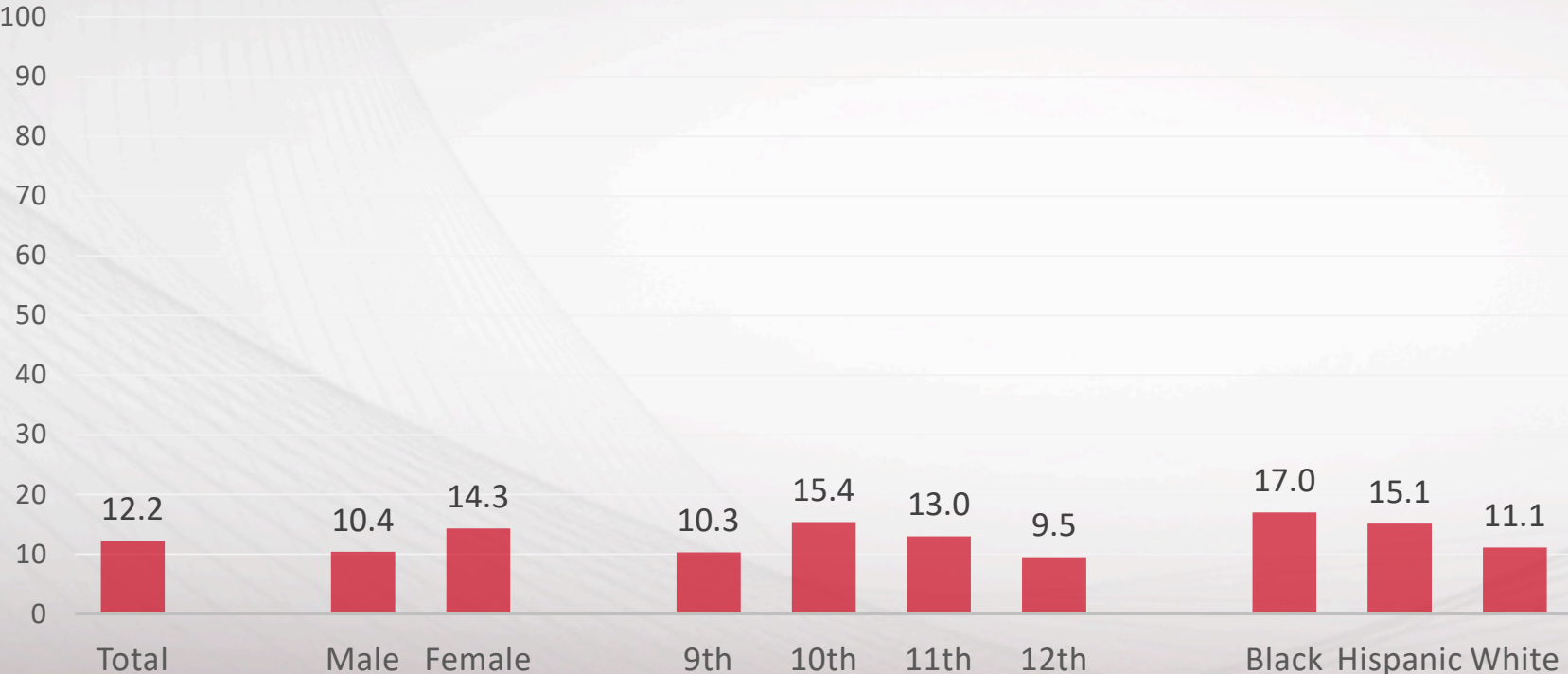
Missing bar indicates fewer than 100 students in the subgroup.

Area 4: Nutrition and Physical Activity

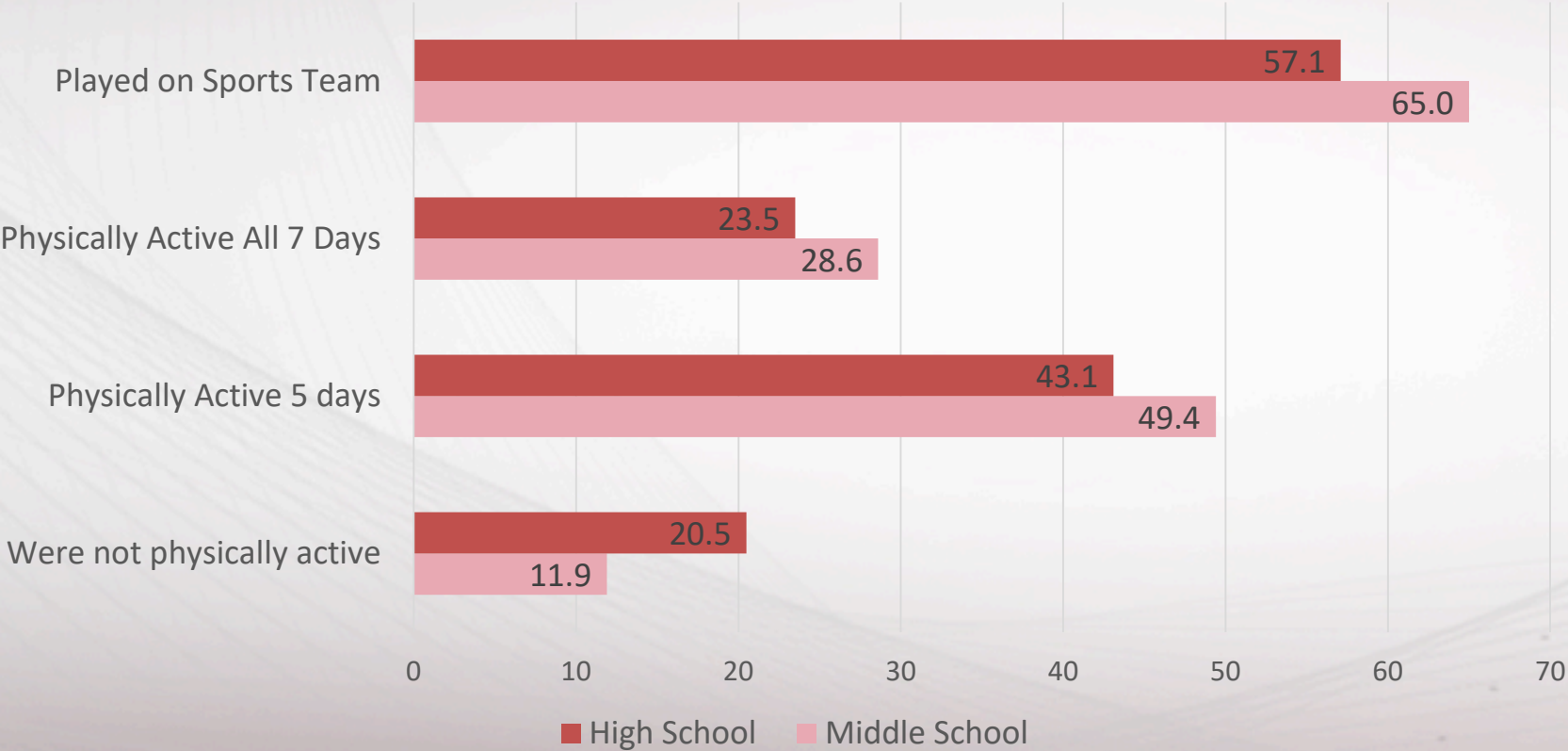
Percentage of High School Students Who Had Obesity



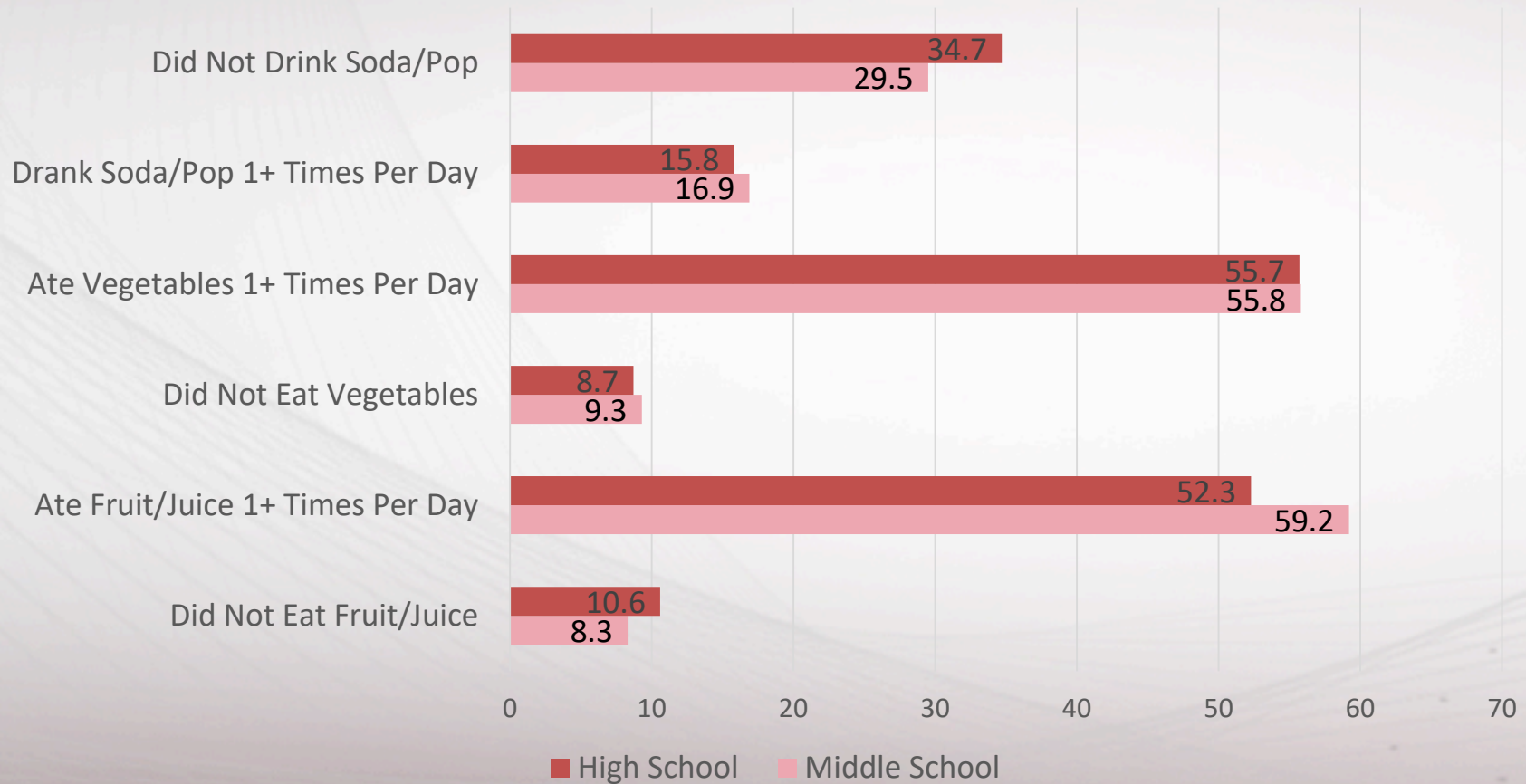
Percentage of High School Students Who Were Overweight



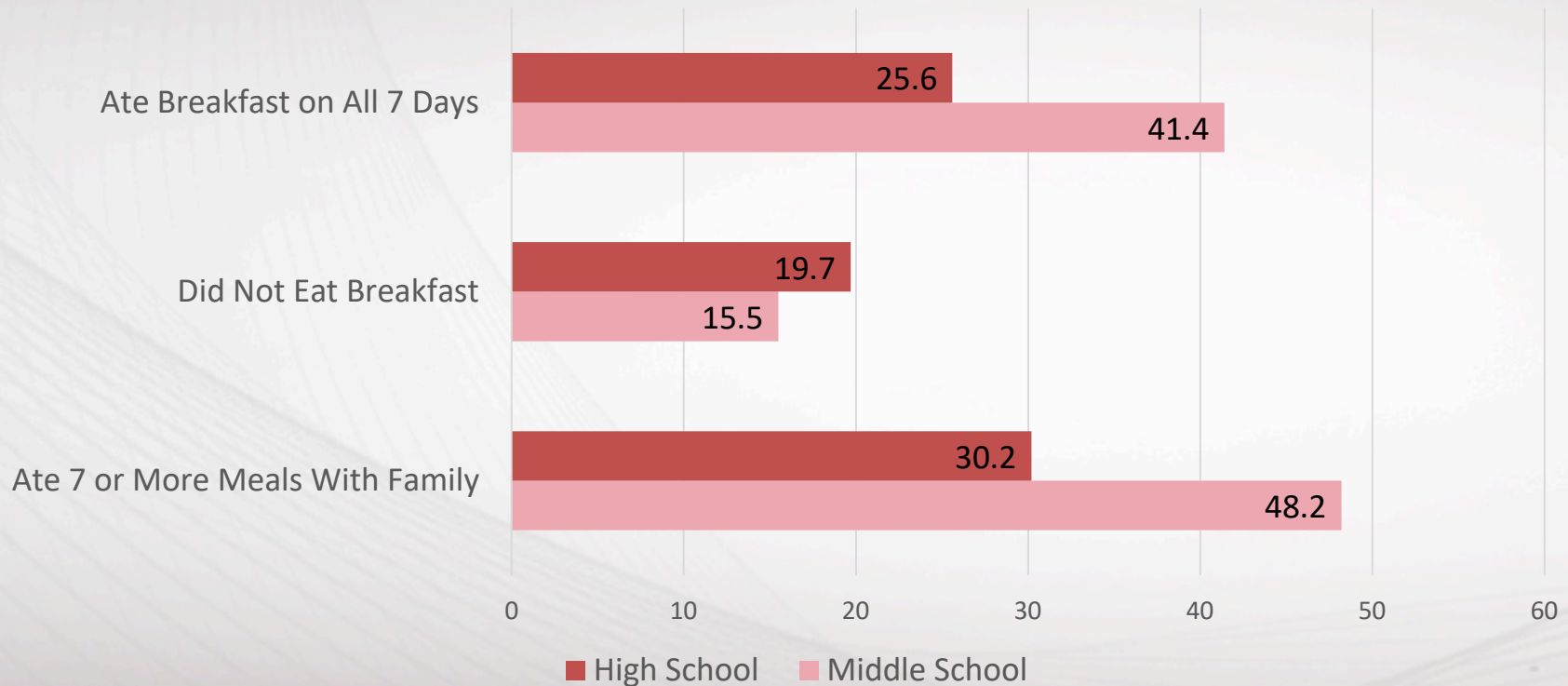
Physical Activity, Past 7 Days- MS/HS Comparisons



Nutrition, Past 7 Days- HS/MS Comparisons

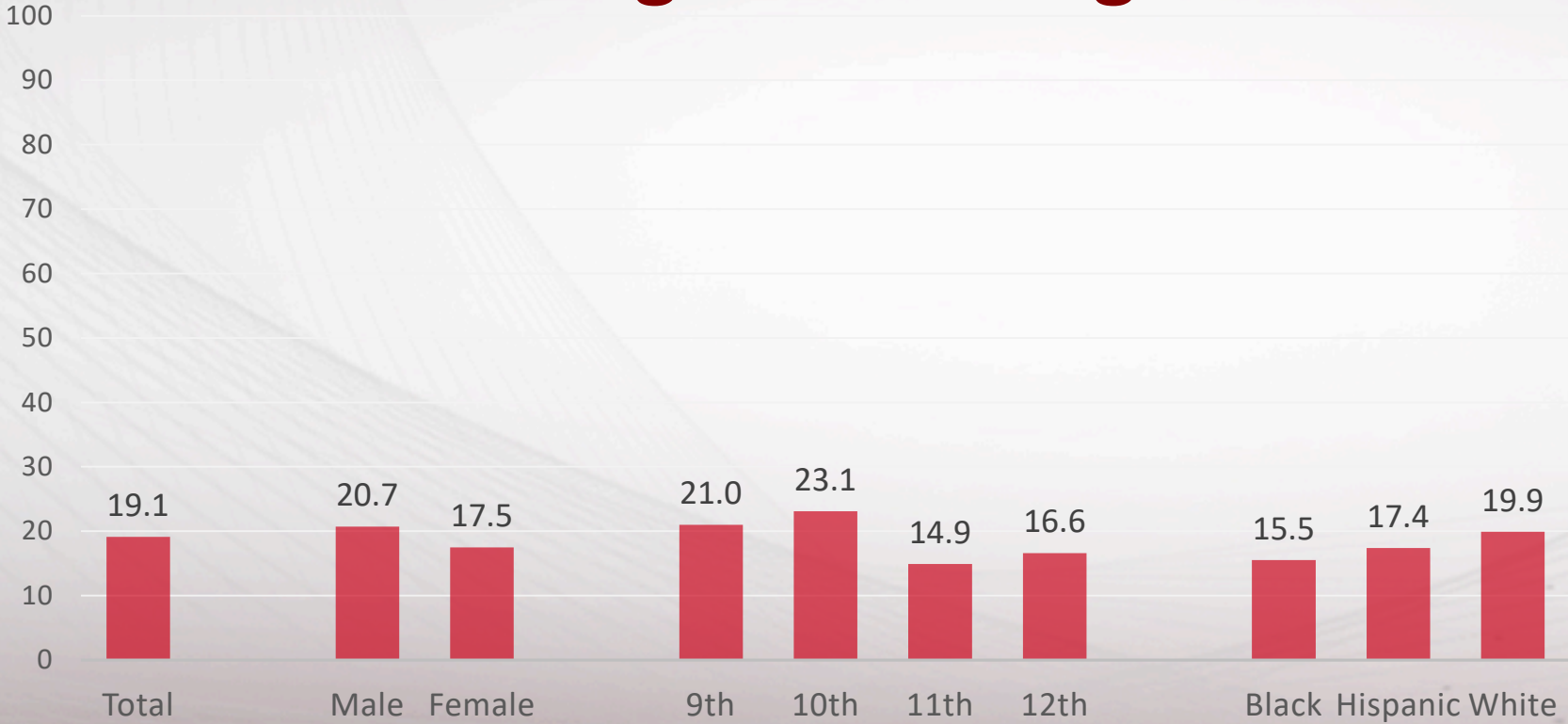


Nutrition, Past 7 Days- HS/MS Comparisons

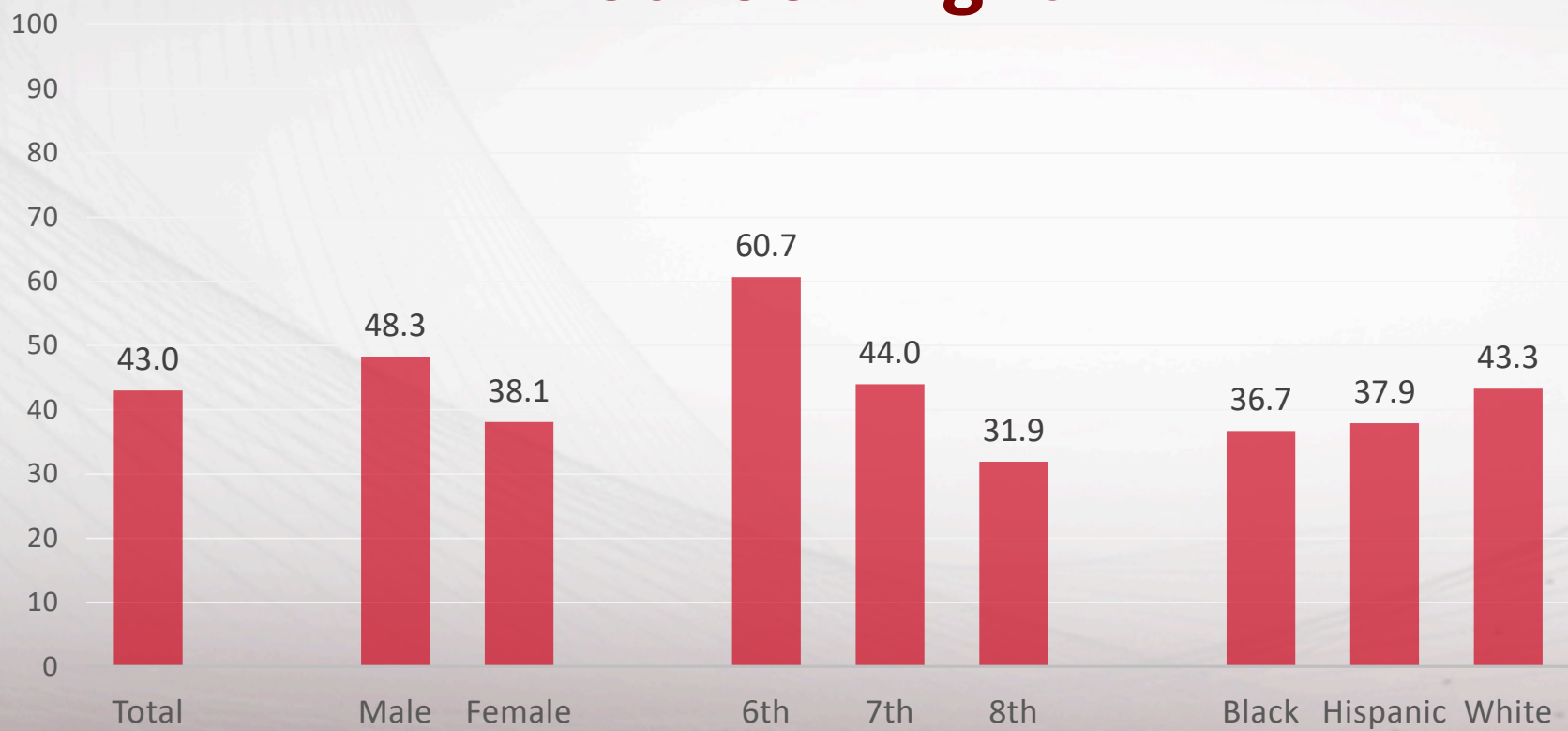


Area 5: Sleep

Percentage of High School Students Who Got 8 or More Hours of Sleep On An Average School Night



Percentage of Middle School Students Who Got 8 or More Hours of Sleep, On an Average School Night



Sleep by Sexual Identity and Academic Achievement

- Gay, Lesbian and Bisexual students- 93.2% did NOT get 8 or more hours of sleep per night (compared to 78.6% of heterosexual students)- **high school only**
- Middle school students:
 - A's: 51.6% got 8 or more hours of sleep per night
 - B's: 37.6% got 8 or more hours of sleep per night
 - C's: 29.8% got 8 or more hours of sleep per night
 - D's/F's: 20.6% got 8 or more hours of sleep per night

Resiliency

- 40% of high school students and 41% of middle school students talked to their parents or other adult in their family about the dangers of alcohol, tobacco or other drug use during the 12 months before the survey
- 76% of high school students and 80% of middle school students would feel comfortable seeking help from one or more adults besides their parents if they had an important question
- 69% of high school students and 67% of middle school students reported there is at least one teacher or other adult in their school they can talk to if they have a problem

Resiliency

- 68% of high school students and 71% of middle school students most of the time or always feel safe at school
- 51% of high school students and 50% of middle school students participated in an organized after-school, evening, or weekend activity (other than sports teams)

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