



VDH Population Health Surveys

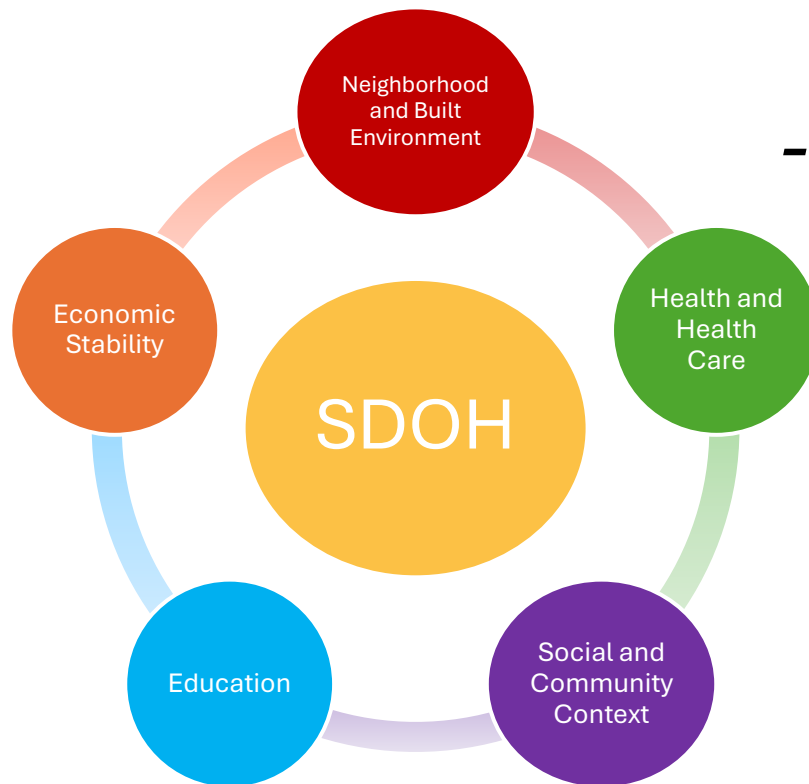


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Determinants of Health

“The range of personal, social, economic, and environmental factors that influence health status.”

- Healthy People 2020



Virginia Youth Survey (VYS)

- Virginia Youth Survey (VYS) monitors priority health risk behaviors that contribute to the leading causes of death, disability, and social problems among youth.
- VYS is conducted every odd year/s (2019, 2021, 2023, 2025) in the fall (September-December) among randomly selected public middle and high schools.
- Virginia Foundation for Healthy Youth (VFHY), our continued partner for VYS.
- Market Decisions is the contractor for electronic administration.
- Passive consent (parents can opt their child/children out of taking the survey)
- A small number (4-6) of classes within the selected school are randomly selected to participate.

Health Disparities

“A particular type of health difference that is closely linked with social, economic, and/or environmental disadvantage; adversely affecting groups of people who have systematically experienced greater obstacles to health based on characteristics that historically link them to discrimination or exclusion.”

- Healthy People 2020

Why are Youth Survey Results Important?

- The results help in understanding the factors that contribute to the leading causes of illness, death, and disability among youth and young adults.
- These data are used to inform school and community programs, communications campaigns, and other efforts.
- These efforts ultimately help improve youth health both in the short term (reducing screen time and receiving mental health support) and in the future (reducing the risk of cancer, addiction, or sexually transmitted diseases). Healthy students are better learners and more likely to become healthy adults.
- Websites
 - [VYS Data Tables](#)
 - [CDC YRBSS](#)
 - [YRBSS Explorer](#)

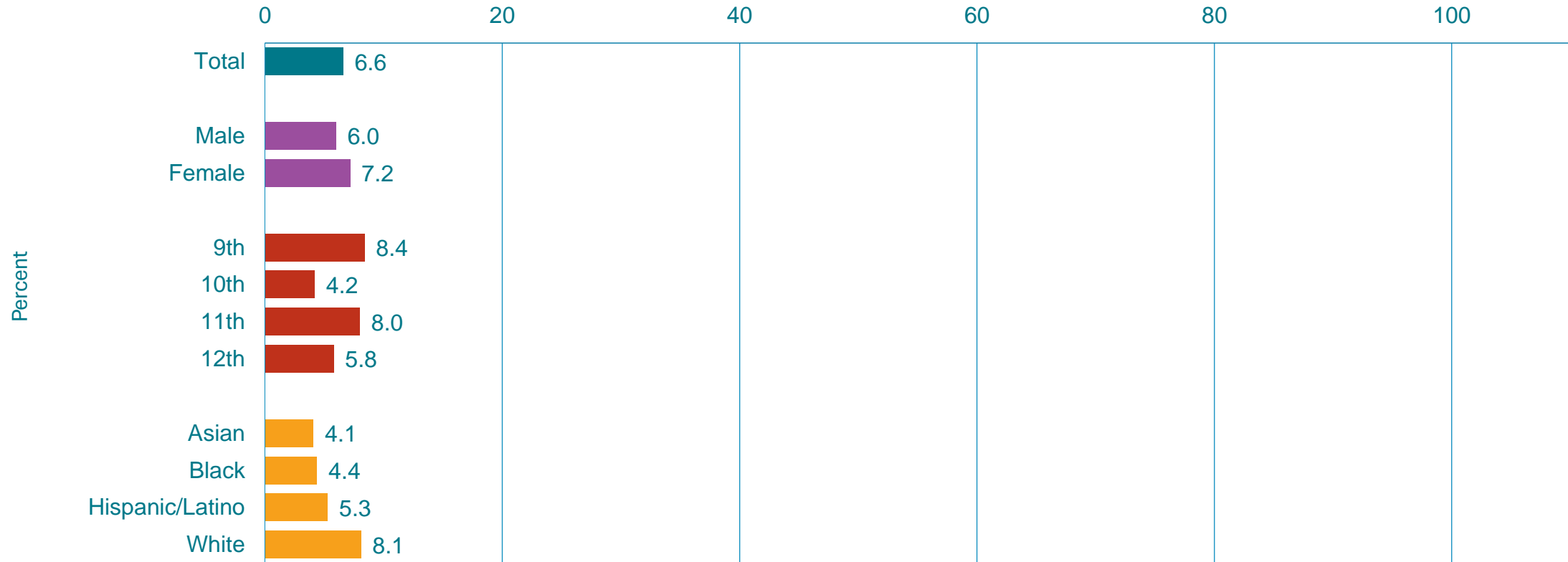


2023 Virginia Youth Survey (VYS) Results

High School Results



Percentage of High School Students Who Ever Took Prescription Drugs Without a Doctor's Prescription,* by Sex, Grade,[†] and Race/Ethnicity,[†] 2023



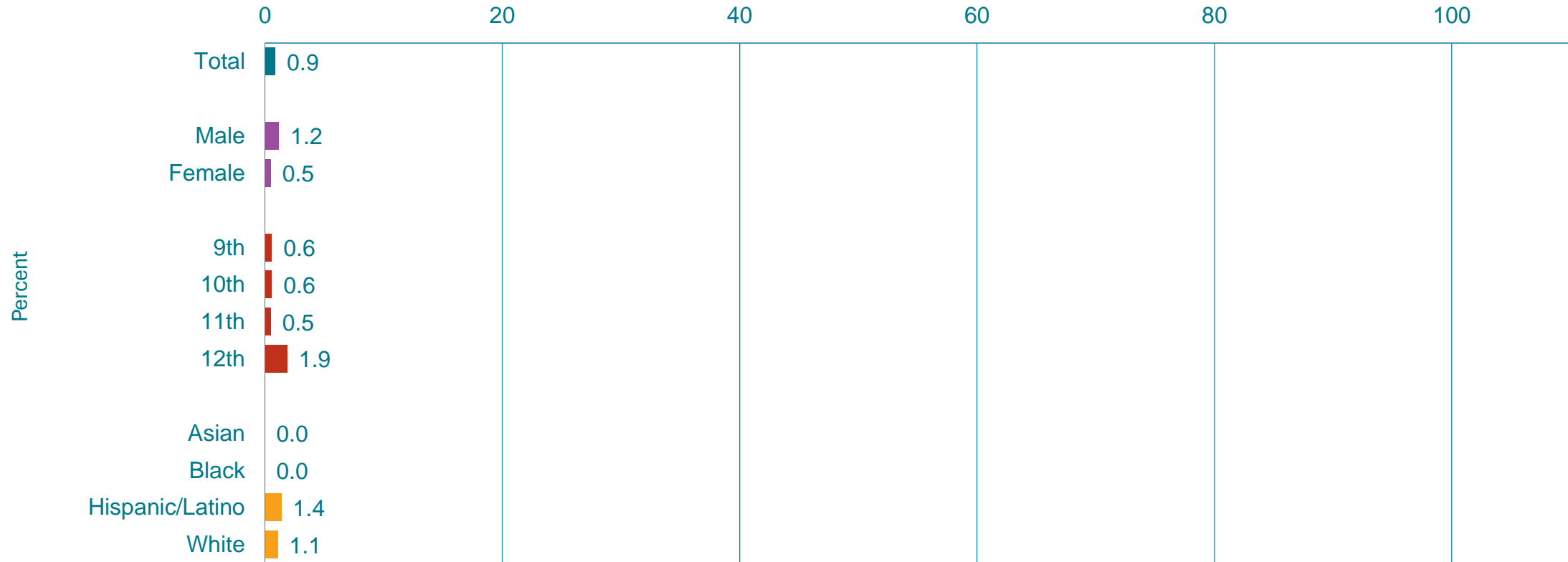
*Such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax, one or more times during their life

[†]9th > 10th, 11th > 10th; W > A, W > B (Based on t-test analysis, p < 0.05.)

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

This graph contains weighted results.

Percentage of High School Students Who Have Used Fentanyl,* by Sex,† Grade,† and Race/Ethnicity,† 2023



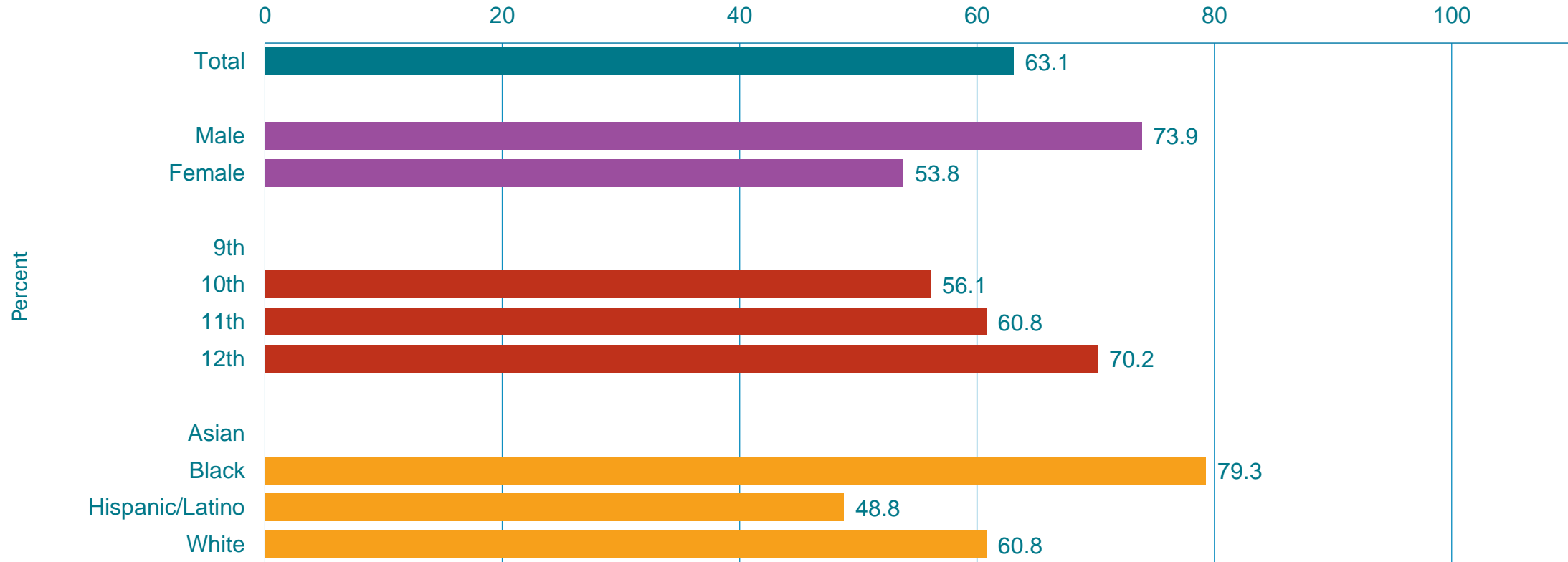
*Also called Apache, dance fever, goodfellas, jackpot, murder 8, Tango & Cash, and TNT, one or more times during their life

†M > F; 12th > 9th, 12th > 10th, 12th > 11th; H > A, H > B, W > A, W > B (Based on t-test analysis, $p < 0.05$.)

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

This graph contains weighted results.

Percentage of High School Students Who Usually Used Marijuana by Smoking It in a Joint, Bong, Pipe, or Blunt,* by Sex,[†] Grade, and Race/Ethnicity, 2023



*During the 30 days before the survey, among students who used marijuana

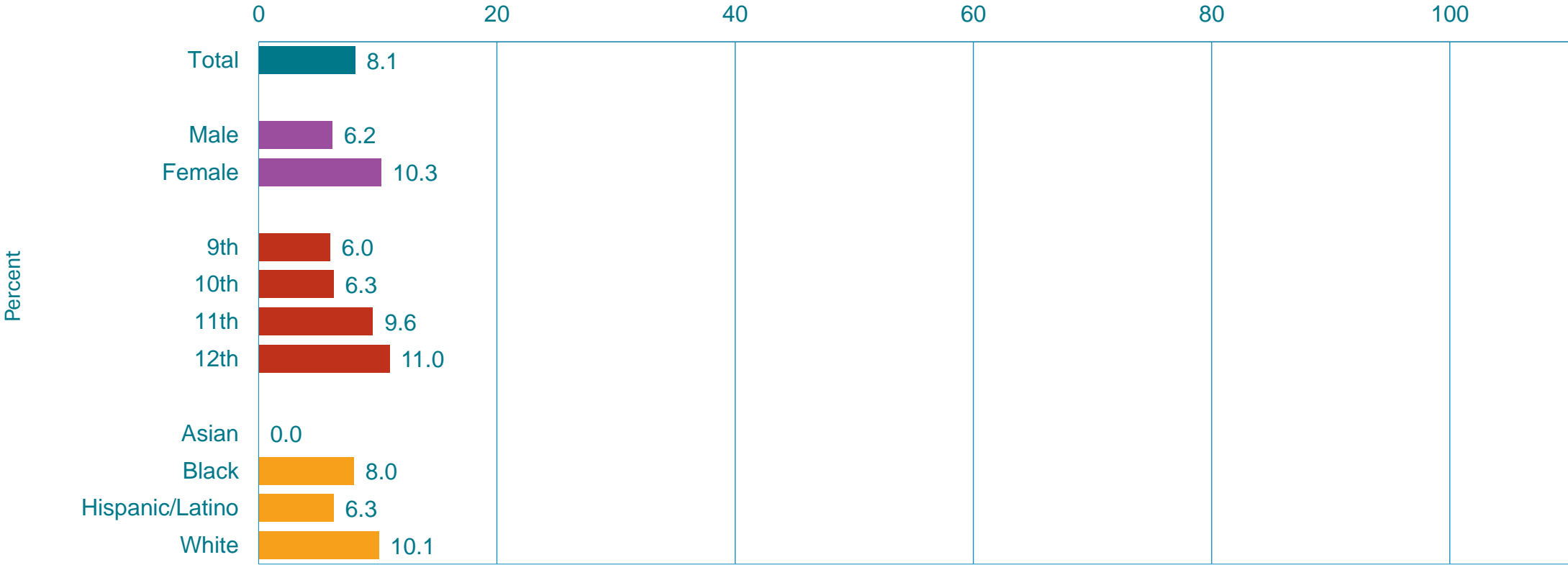
[†]M > F (Based on t-test analysis, $p < 0.05$.)

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

Missing bar indicates fewer than 30 students in the subgroup.

This graph contains weighted results.

Percentage of High School Students Who Currently Used an Electronic Vapor Product,* by Sex,† Grade,† and Race/Ethnicity,† 2023



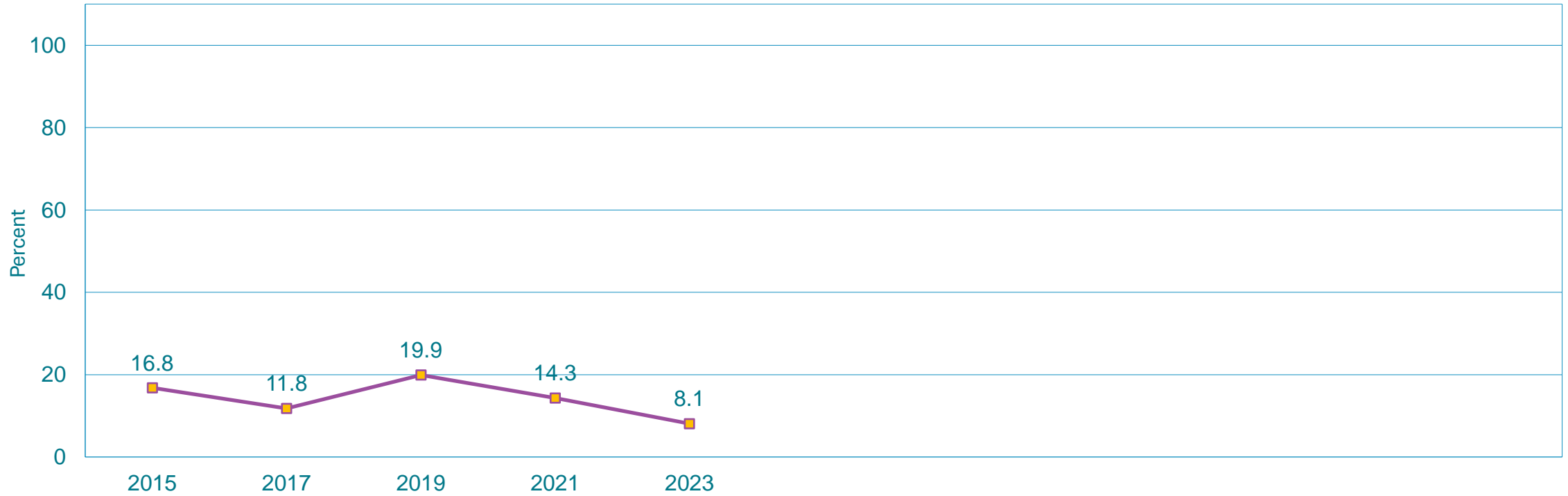
*Including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey

†F > M; 11th > 9th, 12th > 9th, 12th > 10th; B > A, H > A, W > A (Based on t-test analysis, p < 0.05.)

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

This graph contains weighted results.

Percentage of High School Students Who Currently Used an Electronic Vapor Product,* 2015-2023[†]

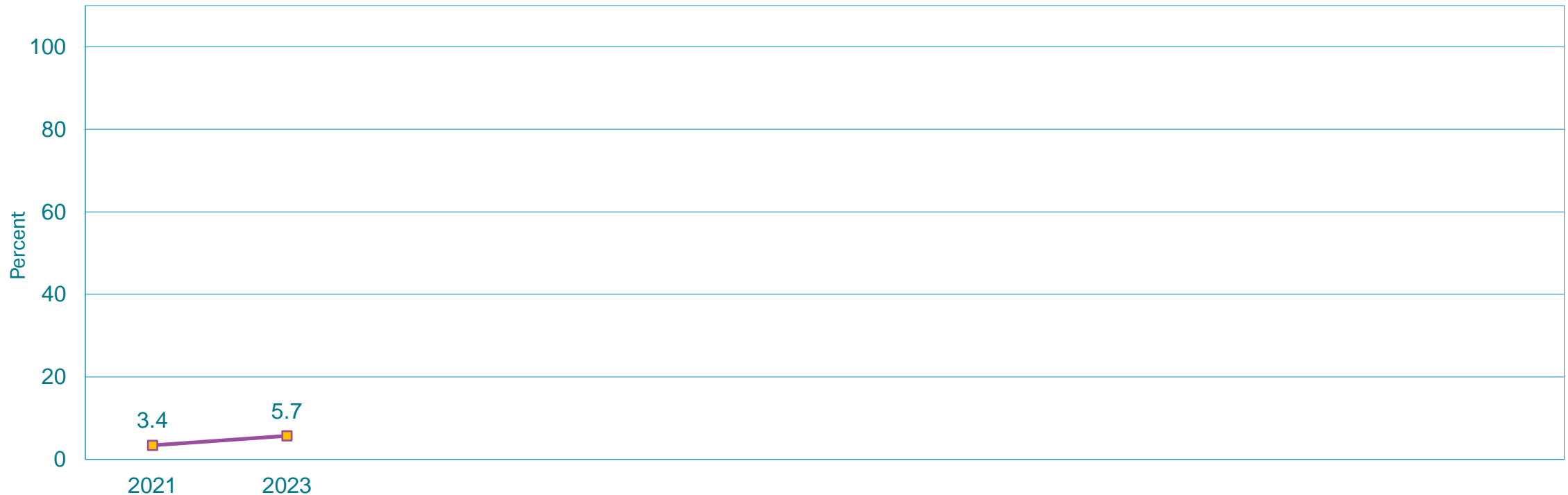


*Including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey

[†]Decreased 2015-2023 [Based on linear trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade ($p < 0.05$).]

This graph contains weighted results.

Percentage of High School Students Who Usually Got Their Electronic Vapor Products by Buying Them Themselves in a Convenience Store, Supermarket, Discount Store, or Gas Station,* 2021-2023[†]

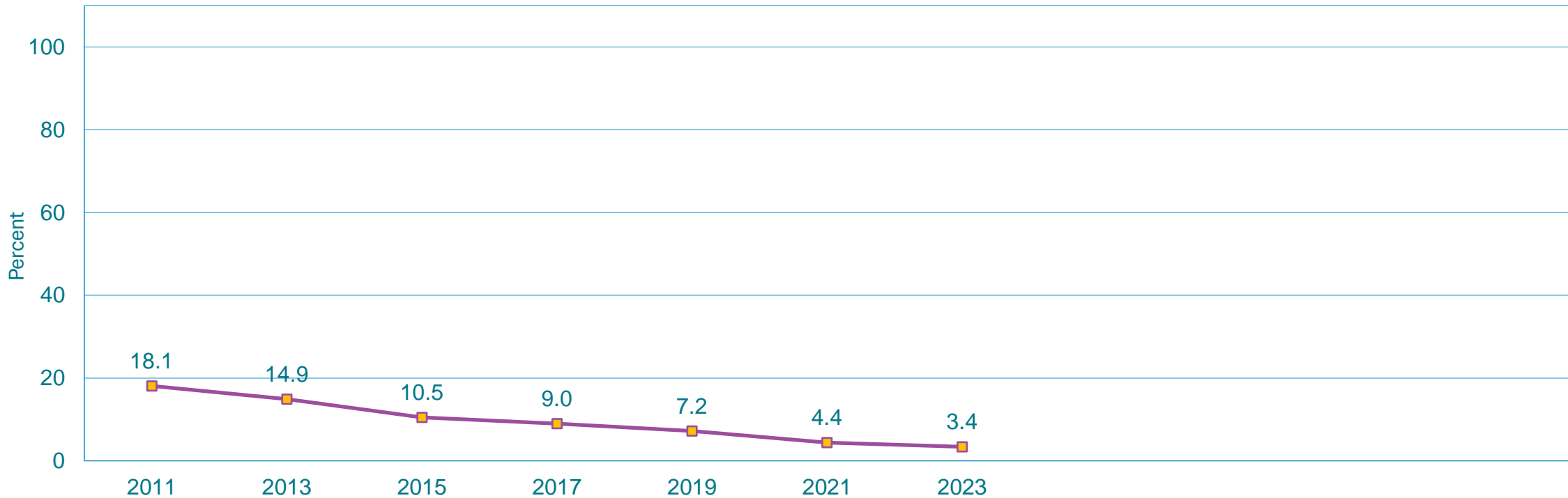


*Including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], during the 30 days before the survey, among students who currently used electronic vapor products

[†]No change 2021-2023 [Based on linear trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade ($p < 0.05$).]

This graph contains weighted results.

Percentage of High School Students Who Currently Smoked Cigarettes or Cigars,* 2011-2023†



*On at least 1 day during the 30 days before the survey

†Decreased 2011-2023 [Based on linear and quadratic trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade ($p < 0.05$). Significant linear trends (if present) across all available years are described first followed by linear changes in each segment of significant quadratic trends (if present).]

This graph contains weighted results.



Middle School Results

Percentage of Middle School Students Who Ever Used an Electronic Vapor Product, by Sex, Grade,* and Race/Ethnicity,* 2023

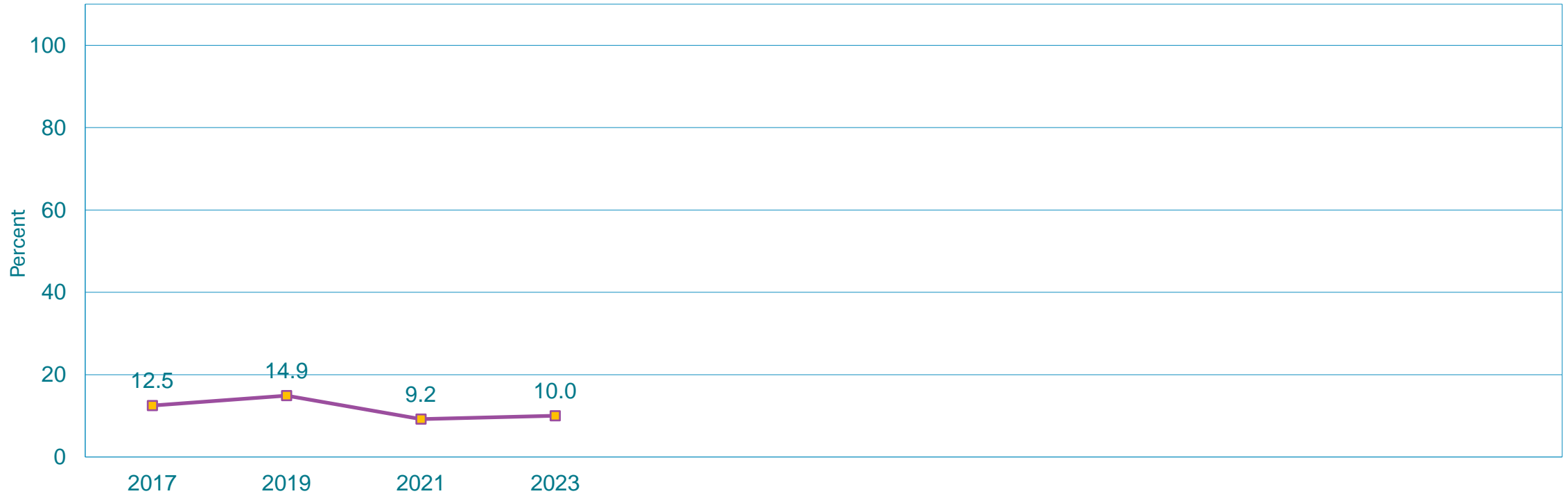


*7th > 6th, 8th > 6th; B > A, B > W, H > A (Based on t-test analysis, $p < 0.05$.)

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

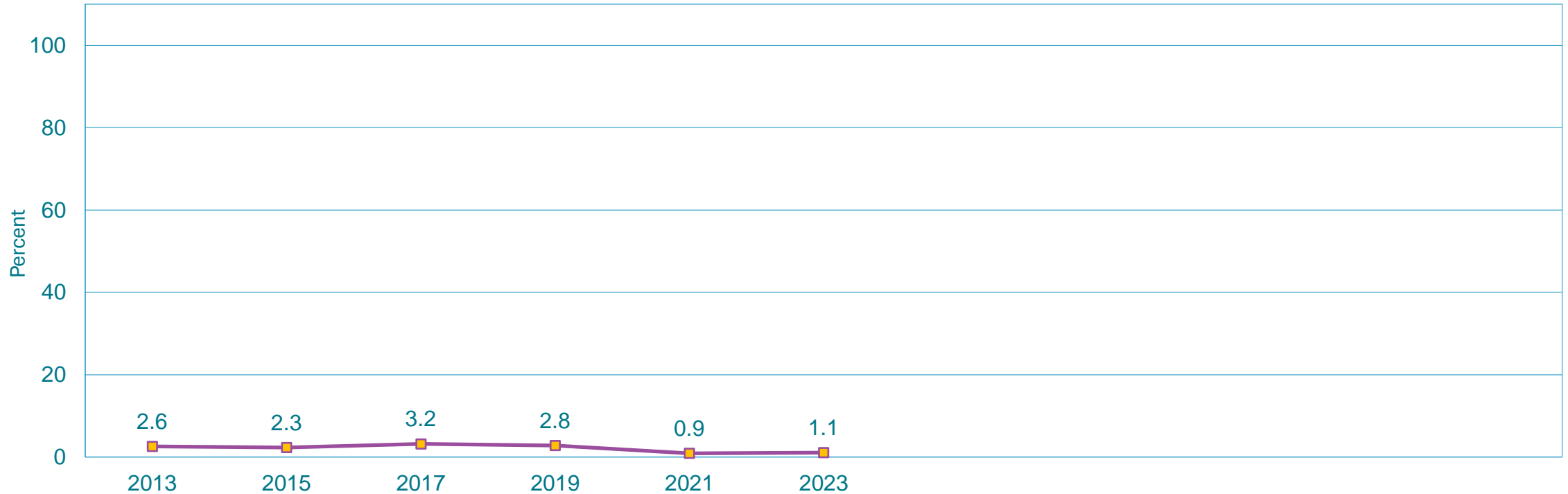
This graph contains weighted results.

Percentage of Middle School Students Who Ever Used an Electronic Vapor Product, 2017-2023*



*Decreased 2017-2023 [Based on linear trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade ($p < 0.05$).]
This graph contains weighted results.

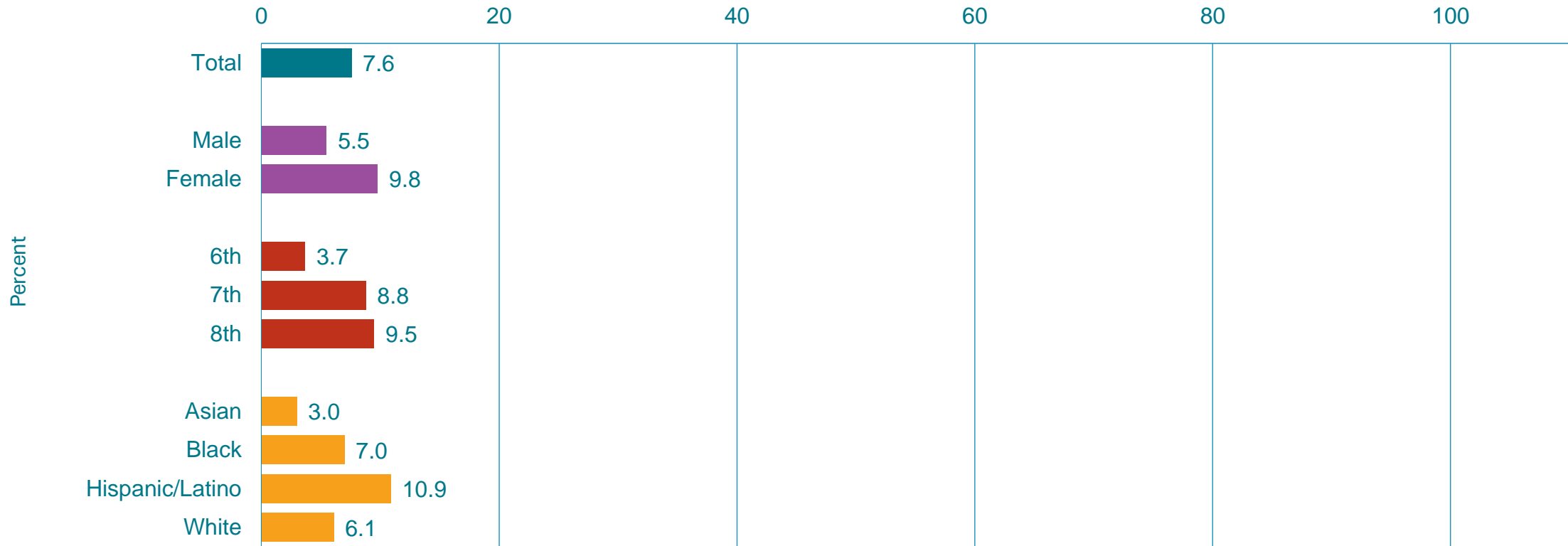
Percentage of Middle School Students Who Tried Marijuana for the First Time Before Age 11 Years, 2013-2023*



*Decreased 2013-2023, no change 2013-2019, decreased 2019-2023 [Based on linear and quadratic trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade ($p < 0.05$). Significant linear trends (if present) across all available years are described first followed by linear changes in each segment of significant quadratic trends (if present).]

This graph contains weighted results.

Percentage of Middle School Students Who Ever Took Prescription Pain Medicine Without a Doctor's Prescription or Differently Than How a Doctor Told Them to Use It,* by Sex,† Grade,† and Race/Ethnicity,† 2023



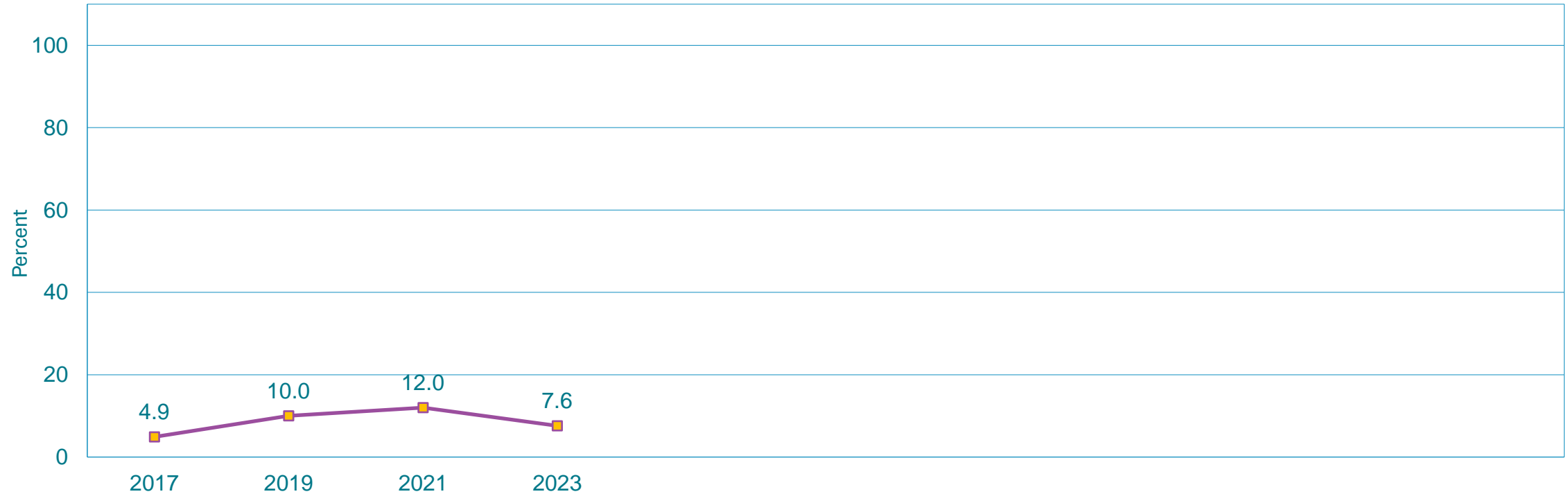
*Counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet

†F > M; 7th > 6th, 8th > 6th; H > A, H > W (Based on t-test analysis, p < 0.05.)

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

This graph contains weighted results.

Percentage of Middle School Students Who Ever Took Prescription Pain Medicine Without a Doctor's Prescription or Differently Than How a Doctor Told Them to Use It,* 2017-2023[†]

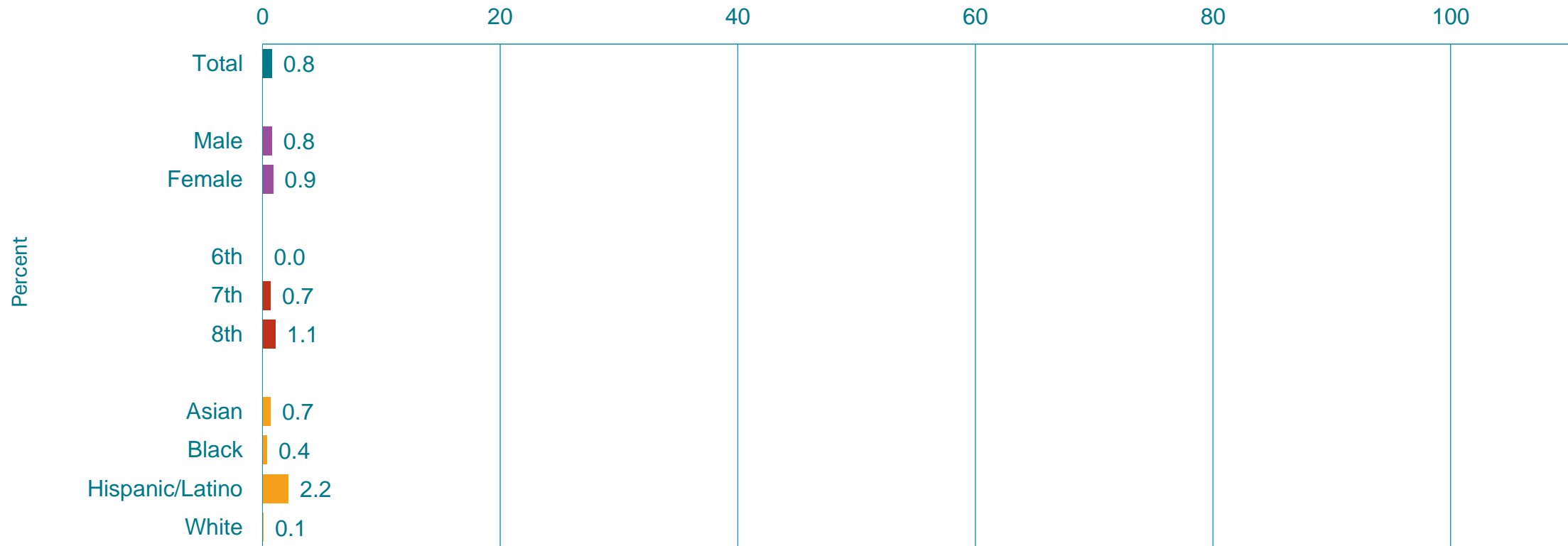


*Counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet

[†]Increased 2017-2023 [Based on linear trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade ($p < 0.05$).]

This graph contains weighted results.

Percentage of Middle School Students Who Ever Used Cocaine,* by Sex, Grade,† and Race/Ethnicity,† 2023



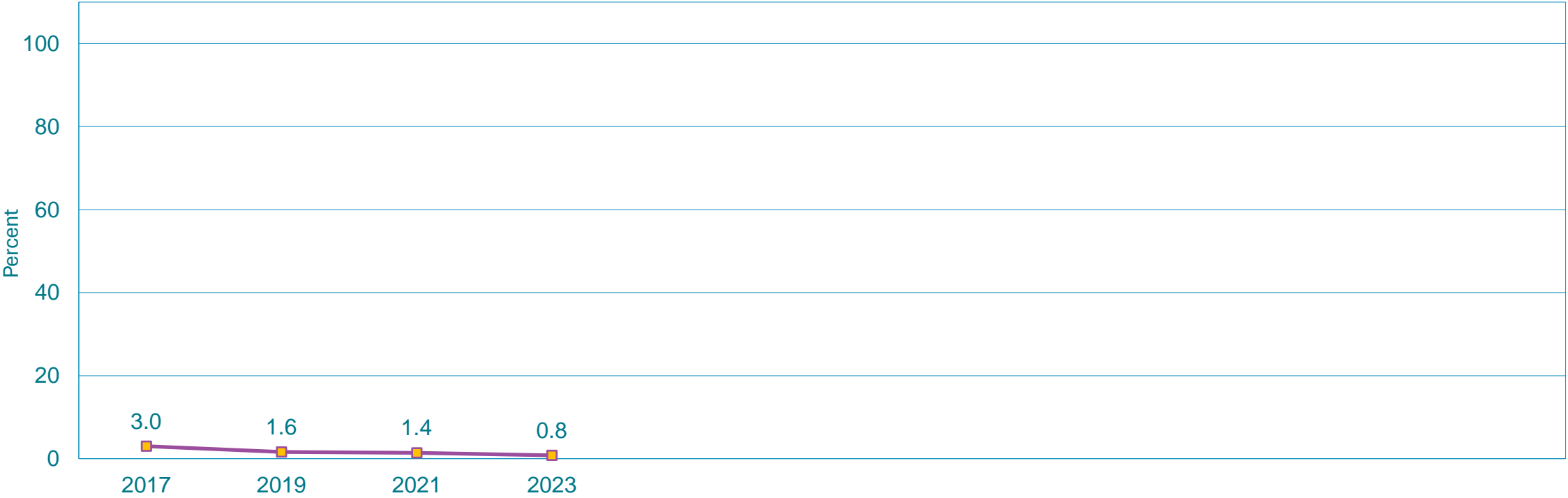
*Any form of cocaine, including powder, crack, or freebase

†8th > 6th; H > W (Based on t-test analysis, $p < 0.05$.)

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

This graph contains weighted results.

Percentage of Middle School Students Who Ever Used Cocaine,* 2017-2023†

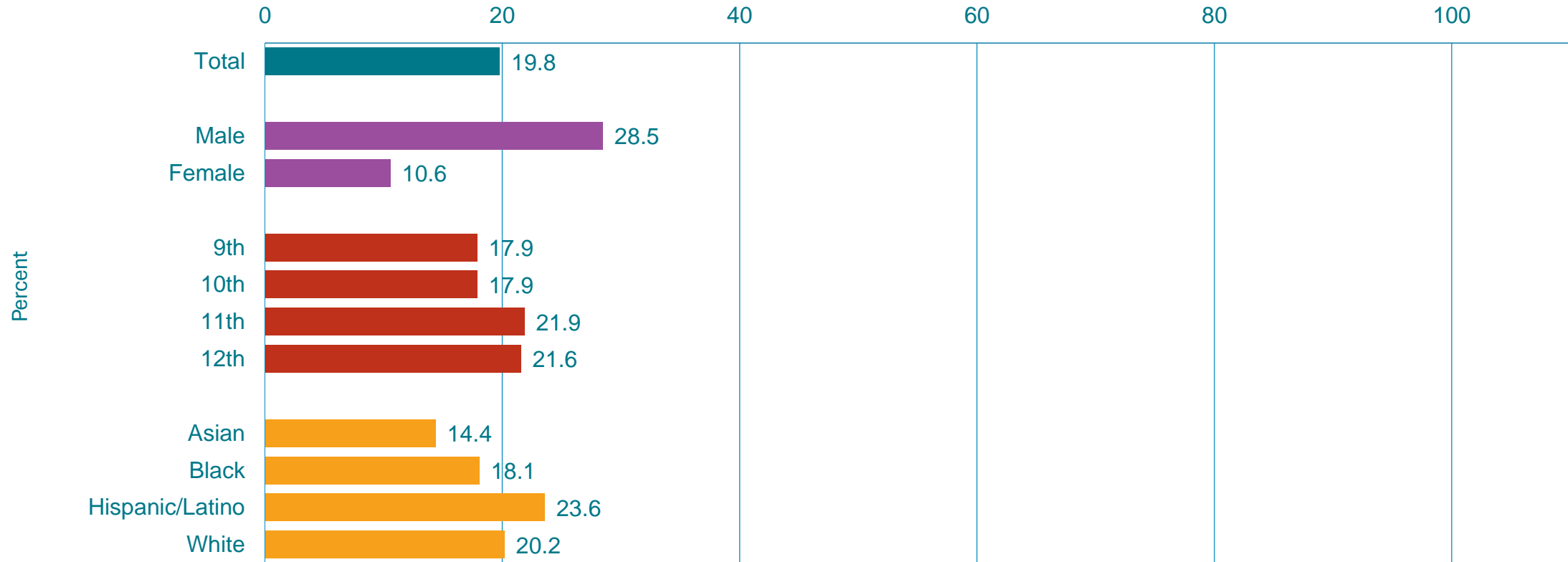


*Any form of cocaine, including powder, crack, or freebase

†Decreased 2017-2023 [Based on linear trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade (p < 0.05).]

This graph contains weighted results.

Percentage of High School Students Who Gambled on a Sports Team, Gambled When Playing Cards or a Dice Game, Played One of Their State's Lottery Games, Gambled on the Internet, or Bet on a Game of Personal Skill Such As Pool or a Video Game,* by Sex,[†] Grade, and Race/Ethnicity,[†] 2023



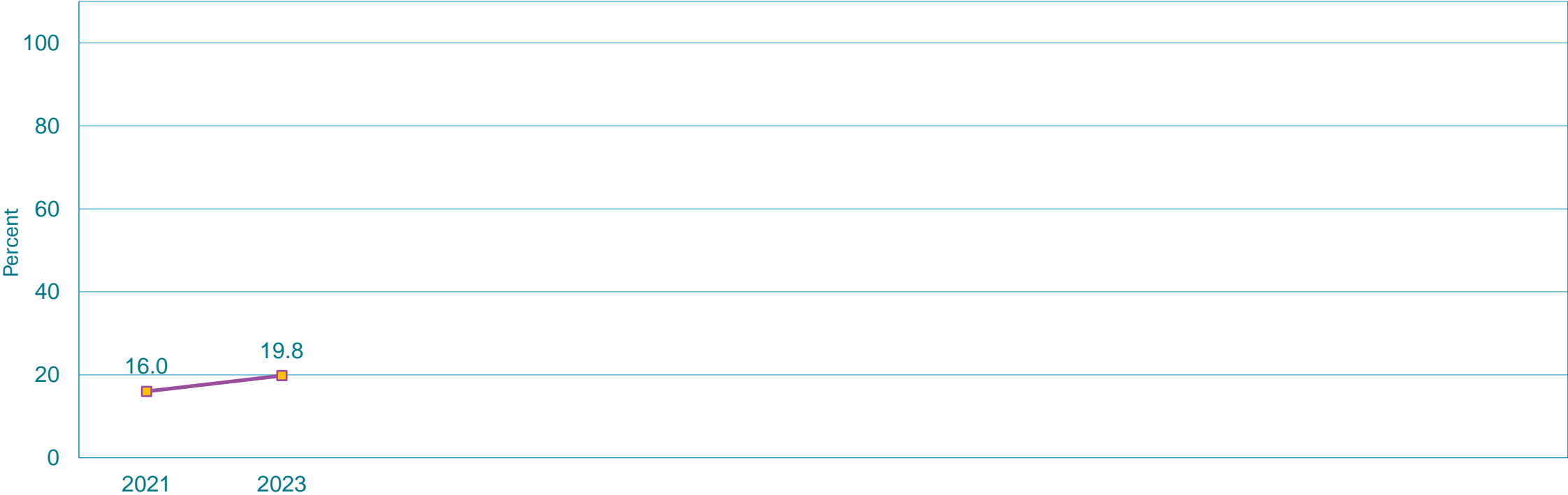
*One or more times during the 12 months before the survey

[†]M > F; H > A, H > B (Based on t-test analysis, $p < 0.05$.)

All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.

This graph contains weighted results.

Percentage of High School Students Who Gambled on a Sports Team, Gambled When Playing Cards or a Dice Game, Played One of Their State's Lottery Games, Gambled on the Internet, or Bet on a Game of Personal Skill Such As Pool or a Video Game,* 2021-2023†



*One or more times during the 12 months before the survey

†Increased 2021-2023 [Based on linear trend analyses using logistic regression models controlling for sex, race/ethnicity, and grade ($p < 0.05$).]

Questions

