



CONNECTICUT DEPARTMENT OF PUBLIC HEALTH



Connecticut Youth Tobacco Data

2021 Youth Risk Behavior Survey Results and Trends

January 2023

Connecticut Department of Public Health
Youth Risk Behavior Survey

Last updated: January 4, 2023

Connecticut High School Bar Charts - Tobacco

Each chart graphically describes Youth Risk Behavior Survey (YRBS) results for selected variables:

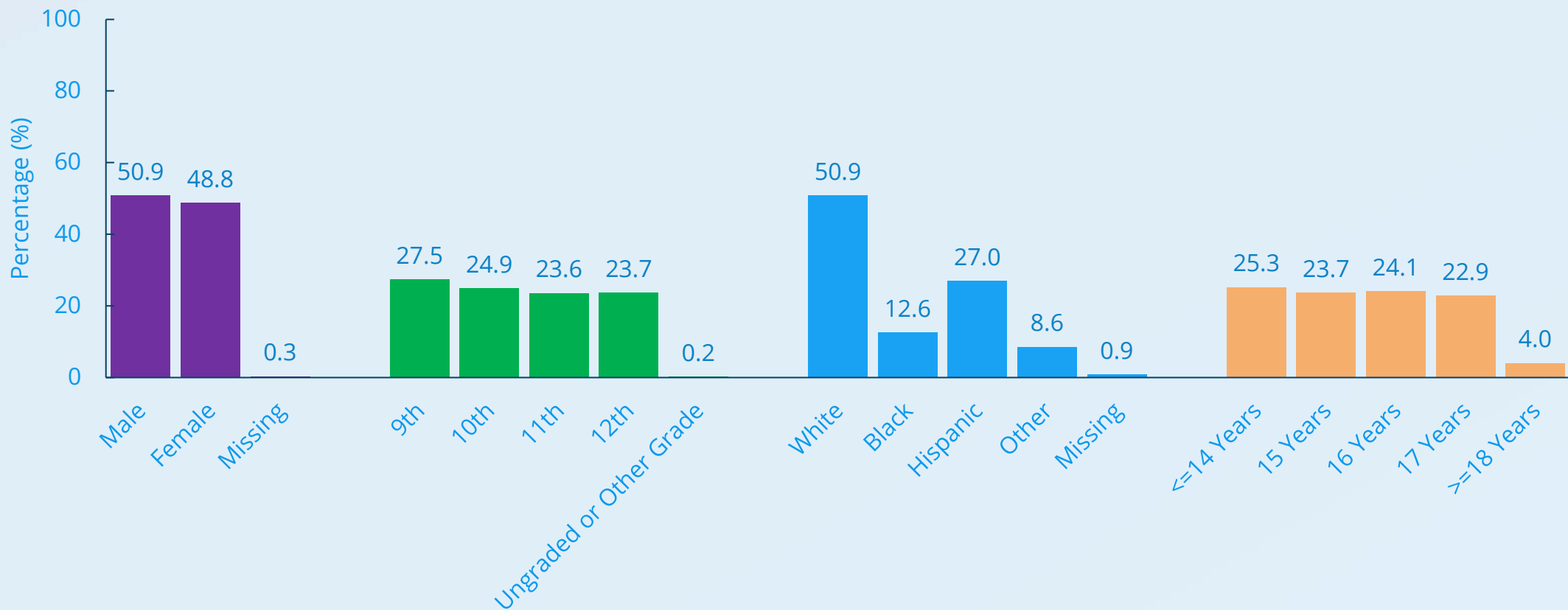
- The weighted percentage of students who reported each behavior overall and by sex, grade and race/ethnicity.
- Results for subgroups with fewer than our minimal threshold of students are not shown (<30 students) or a coefficient of variation (CV) greater than 30%.
- Due to this rule, many results from 2021 could not be shown.
- Statistically significant differences by sex, grade and race/ethnicity, if they exist.
- All Hispanic students are included in the Hispanic category. All other races are non-Hispanic.
- SAS was used to calculate statistical differences.

Connecticut High School Tobacco Trend Graphs

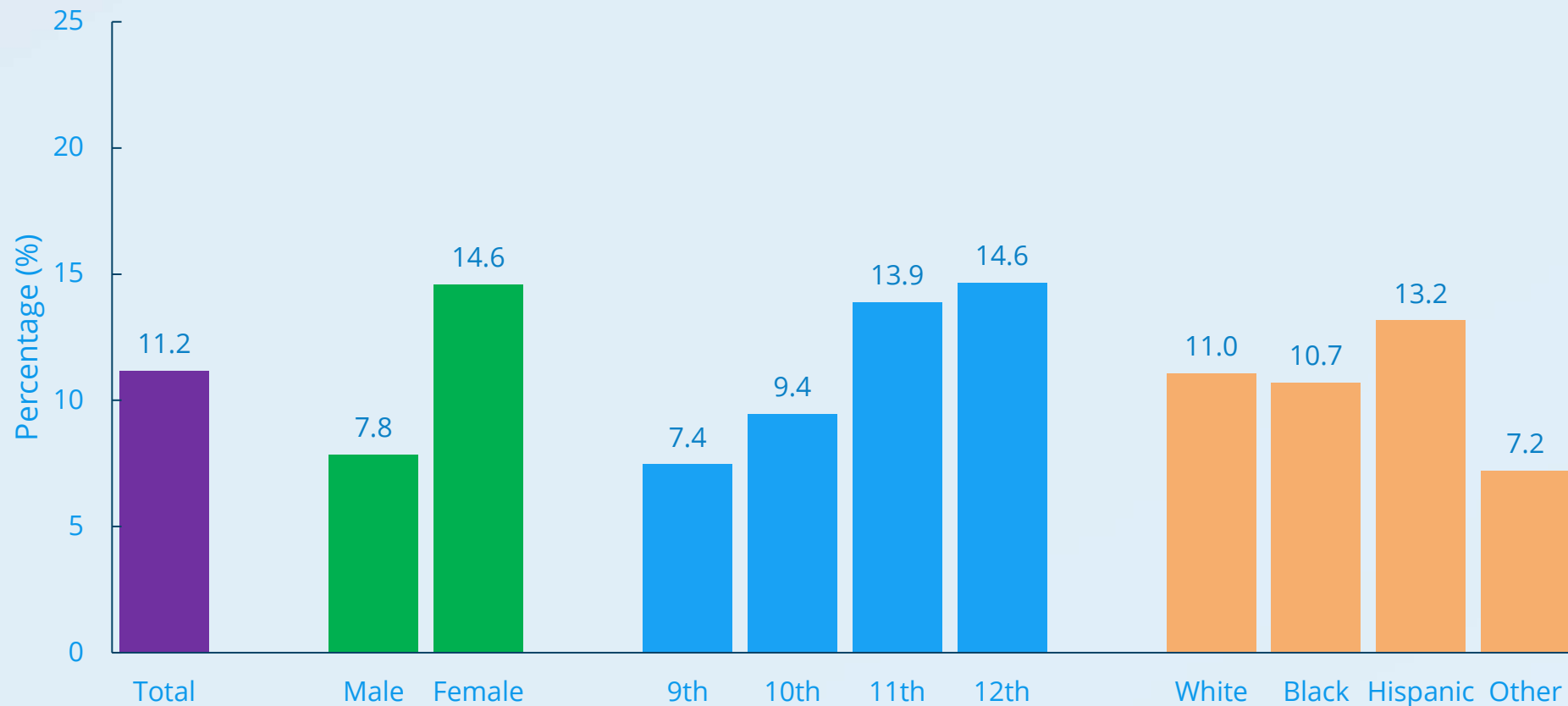
Each trend graph graphically describes whether the prevalence of a behavior has increased, decreased or stayed the same over time:

- The weighted percentage of students who reported each behavior by year.
- Estimates prior to 2019 were collected from the Youth Tobacco Survey (YTS); the questions used on the 2019 and 2021 YRBS were adapted from the YTS to obtain the best comparable trend data as possible; however, it is advised to use caution when interpreting these comparisons, since the estimates were collected using different survey instruments.
- Due to changes in methodology, including differences in survey administration, such as the time of year the survey was administered (i.e., fall vs. spring), and data collection procedures in recent years due to the COVID-19 pandemic, the ability to compare estimates from 2021 with those from prior YRBS/YTS waves is limited. Data from the 2023 YRBS will be necessary to better understand the behavioral trends.

Demographics of the Connecticut Youth Risk Behavior Survey Participants, by Sex, Grade, Race/Ethnicity, and Age, 2021



Percentage of High School Students Who Currently Used Tobacco,* by Sex,† Grade,† and Race/Ethnicity,† 2021

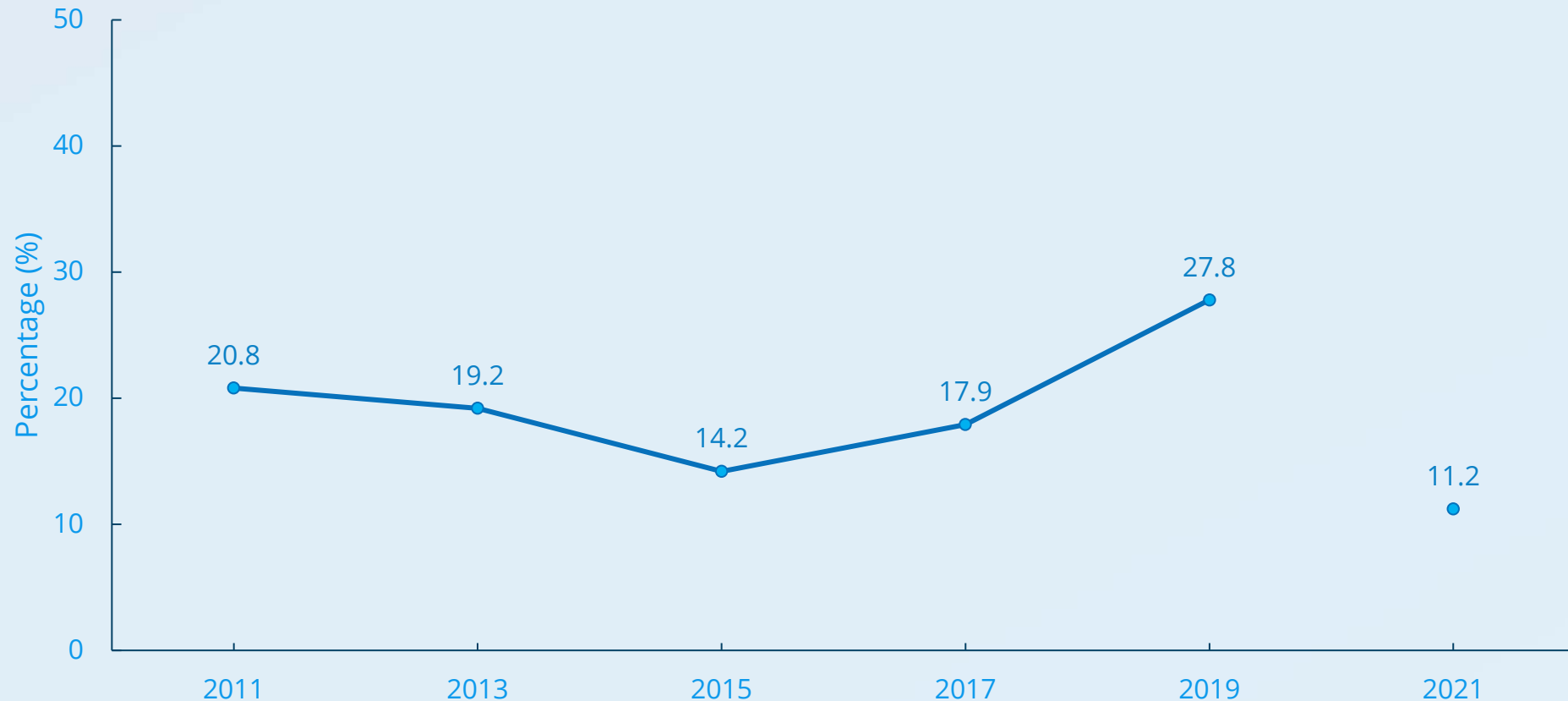


*On at least 1 day during the 30 days before the survey; 'tobacco' includes cigarettes, cigars, e-cigarettes or other electronic vapor products, hookahs (waterpipes), chewing tobacco, snuff, snus, dip, dissolvables and traditional pipes.

†F>M; 11th>9th; H>O (Based on t-test analysis, p<0.05).

Note: This graph contains weighted results.

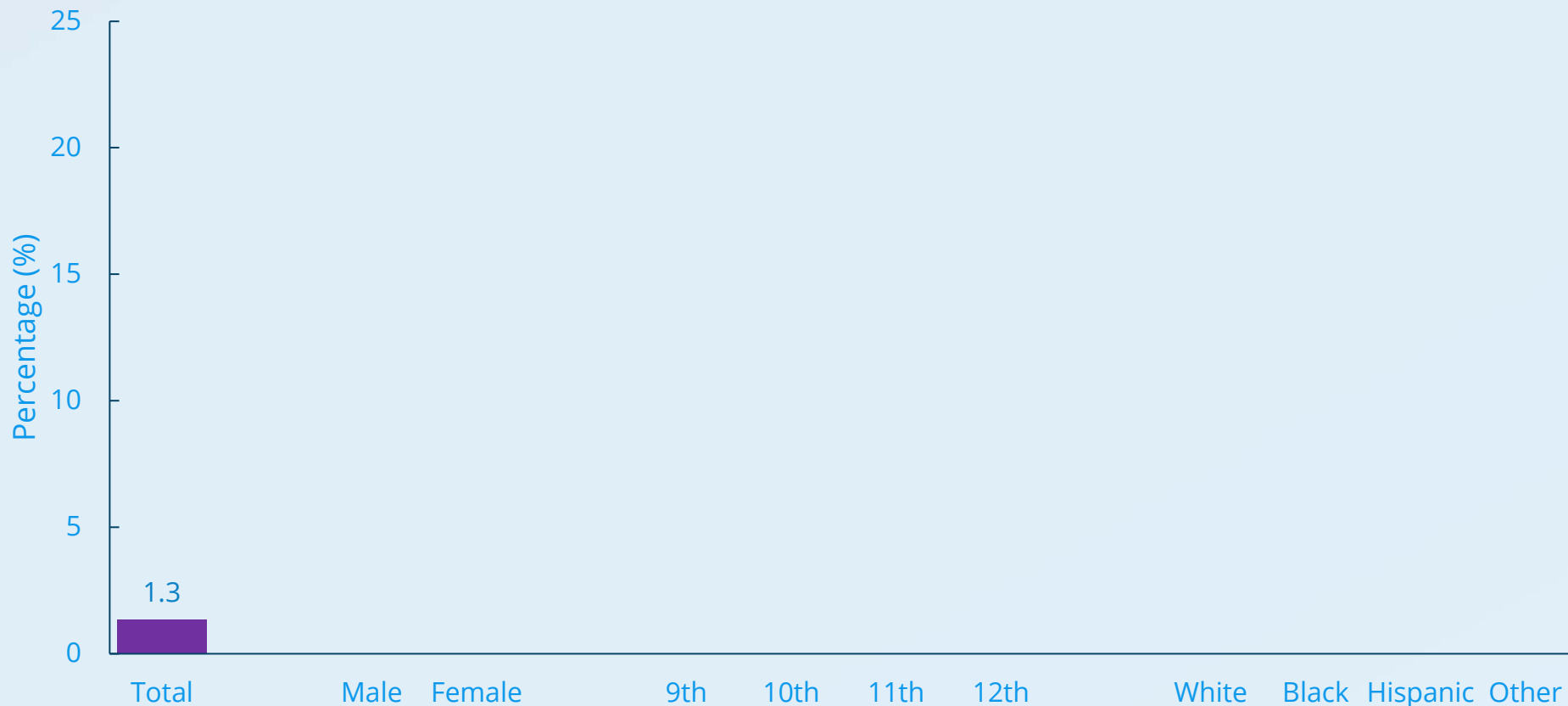
Percentage of High School Students Who Currently Used Tobacco, 2011-2021



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

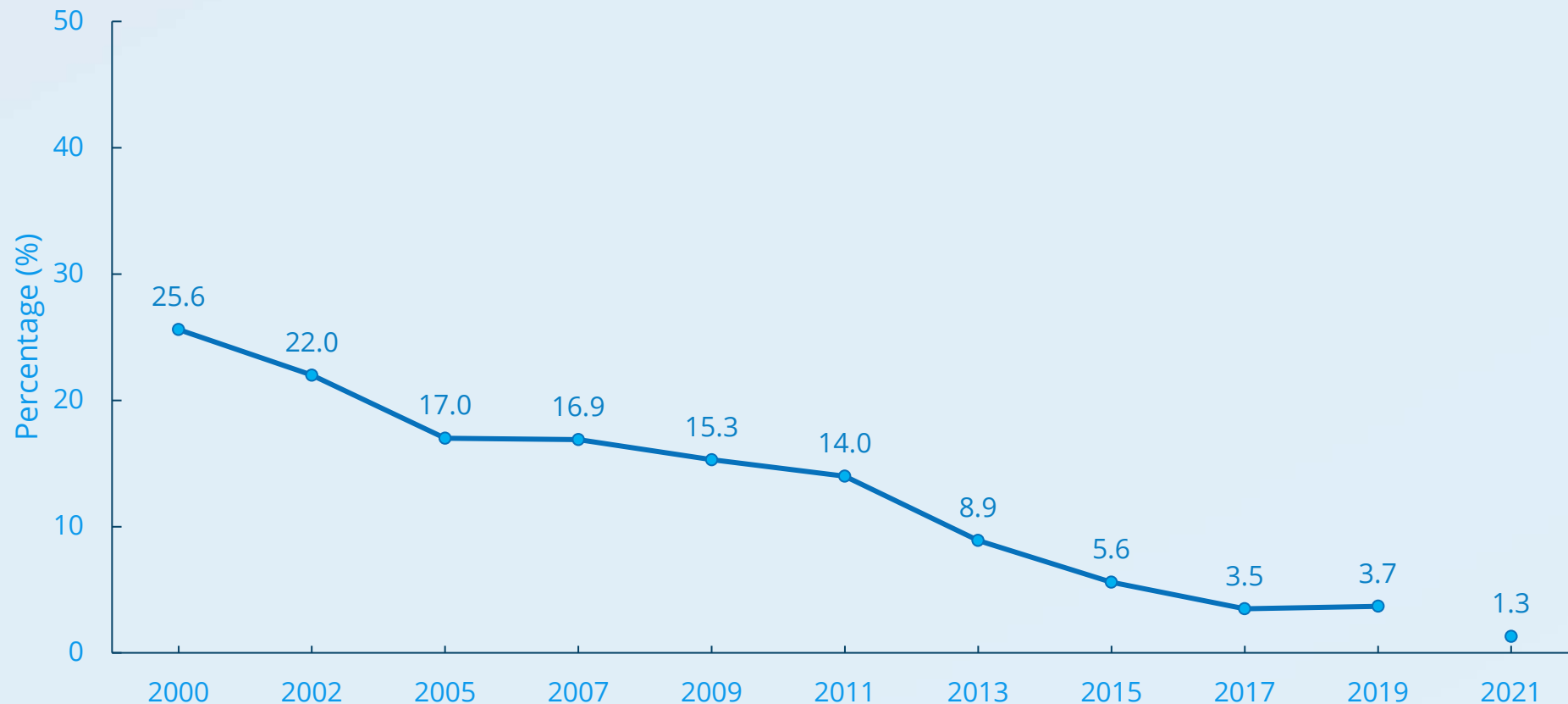
Notes: This graph contains weighted results. Estimates prior to 2019 were collected from the YTS; the questions used on the 2019 and 2021 YRBS were adapted from the YTS to obtain the best comparable trend data as possible. Due to multiple limitations, comparisons between 2021 estimates and those from prior years should not be made.

Percentage of High School Students Who Currently Smoked Cigarettes,* by Sex, Grade, and Race/Ethnicity, 2021



*On at least 1 day during the 30 days before the survey.
Missing bar indicates fewer than 30 students or CV>30%.
Note: This graph contains weighted results.

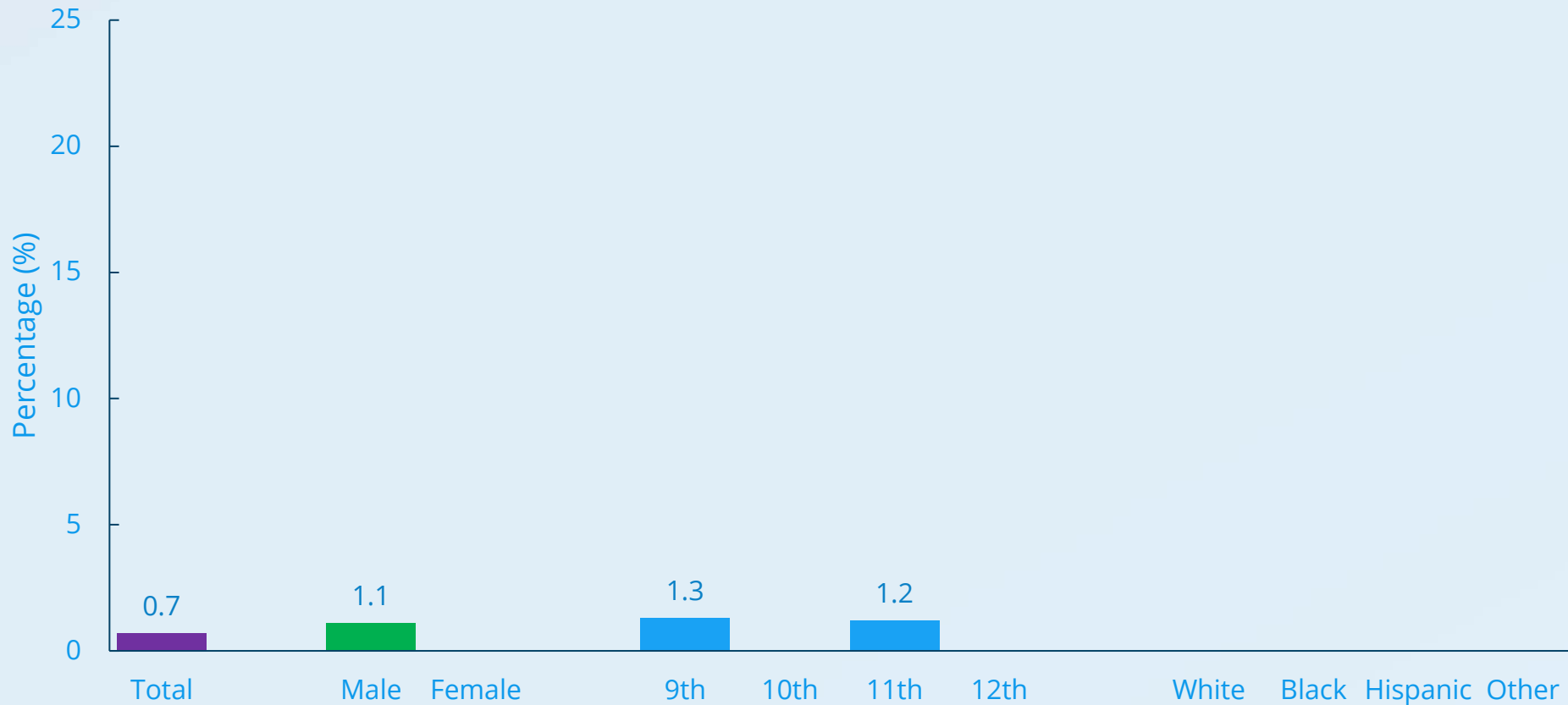
Percentage of High School Students Who Currently Smoked Cigarettes,* 2000-2021



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

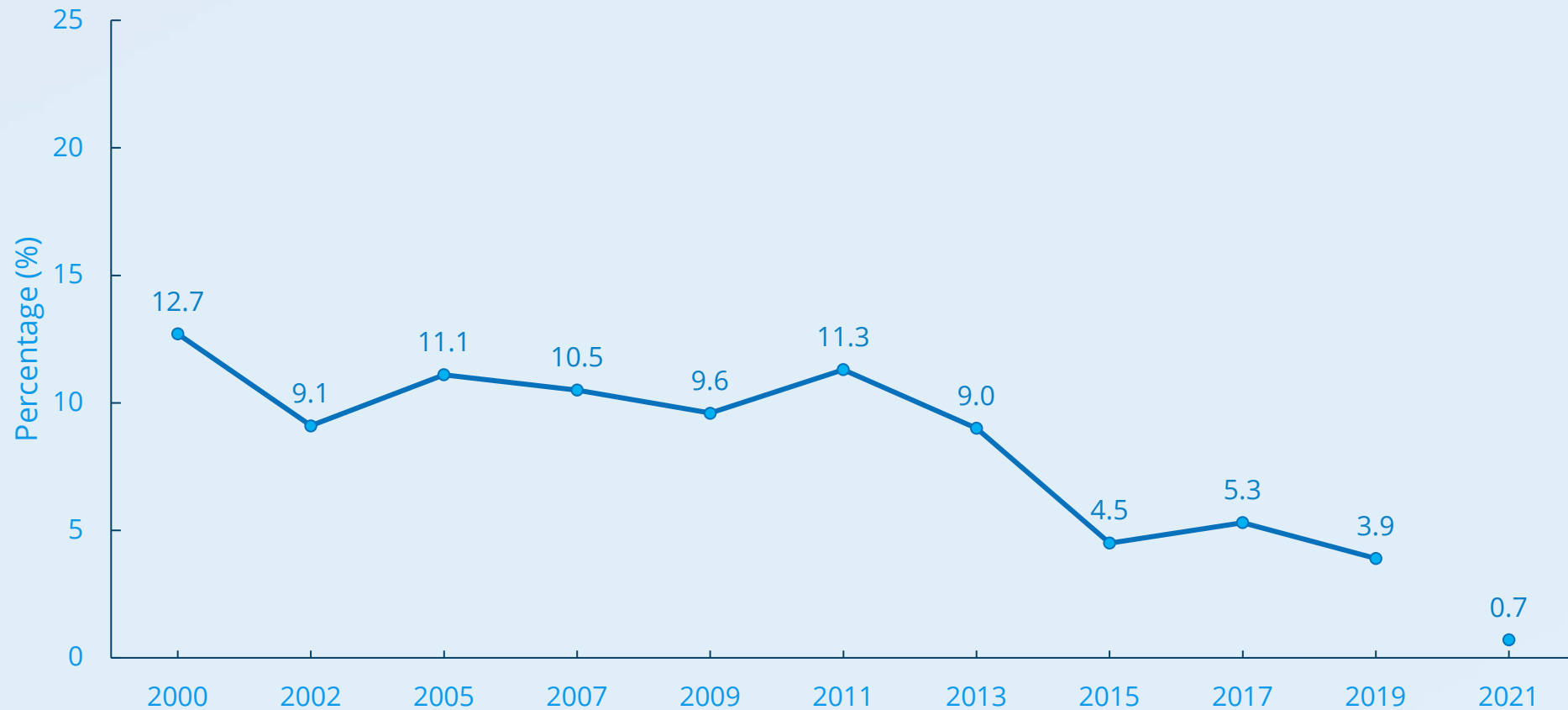
Notes: This graph contains weighted results. Estimates prior to 2019 were collected from the YTS; the questions used on the 2019 and 2021 YRBS were adapted from the YTS to obtain the best comparable trend data as possible. Due to multiple limitations, comparisons between 2021 estimates and those from prior years should not be made.

Percentage of High School Students Who Currently Smoked Cigars,* by Sex, Grade, and Race/Ethnicity, 2021



*On at least 1 day during the 30 days before the survey.
 Missing bar indicates fewer than 30 students or CV>30%.
 Note: This graph contains weighted results.

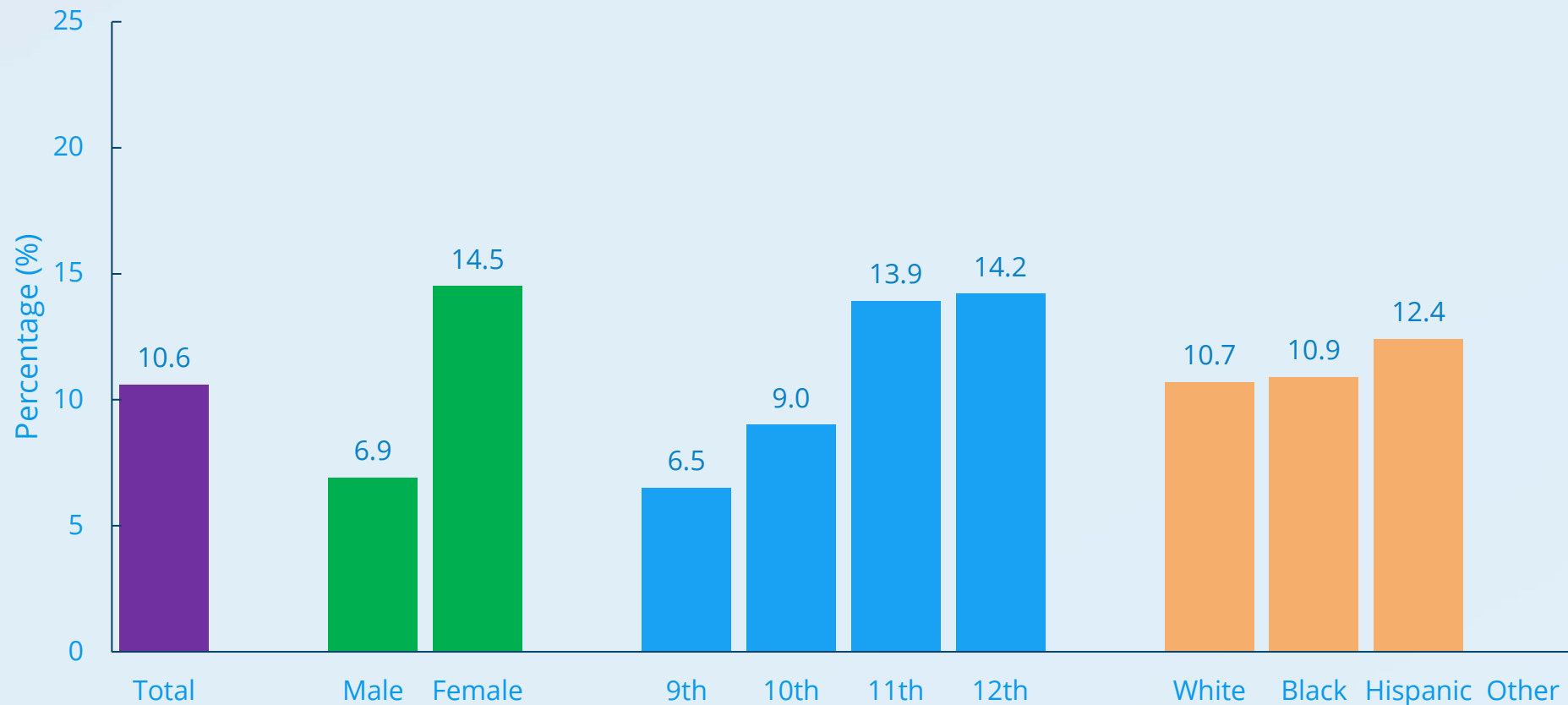
Percentage of High School Students Who Currently Smoked Cigars,* 2000-2021



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

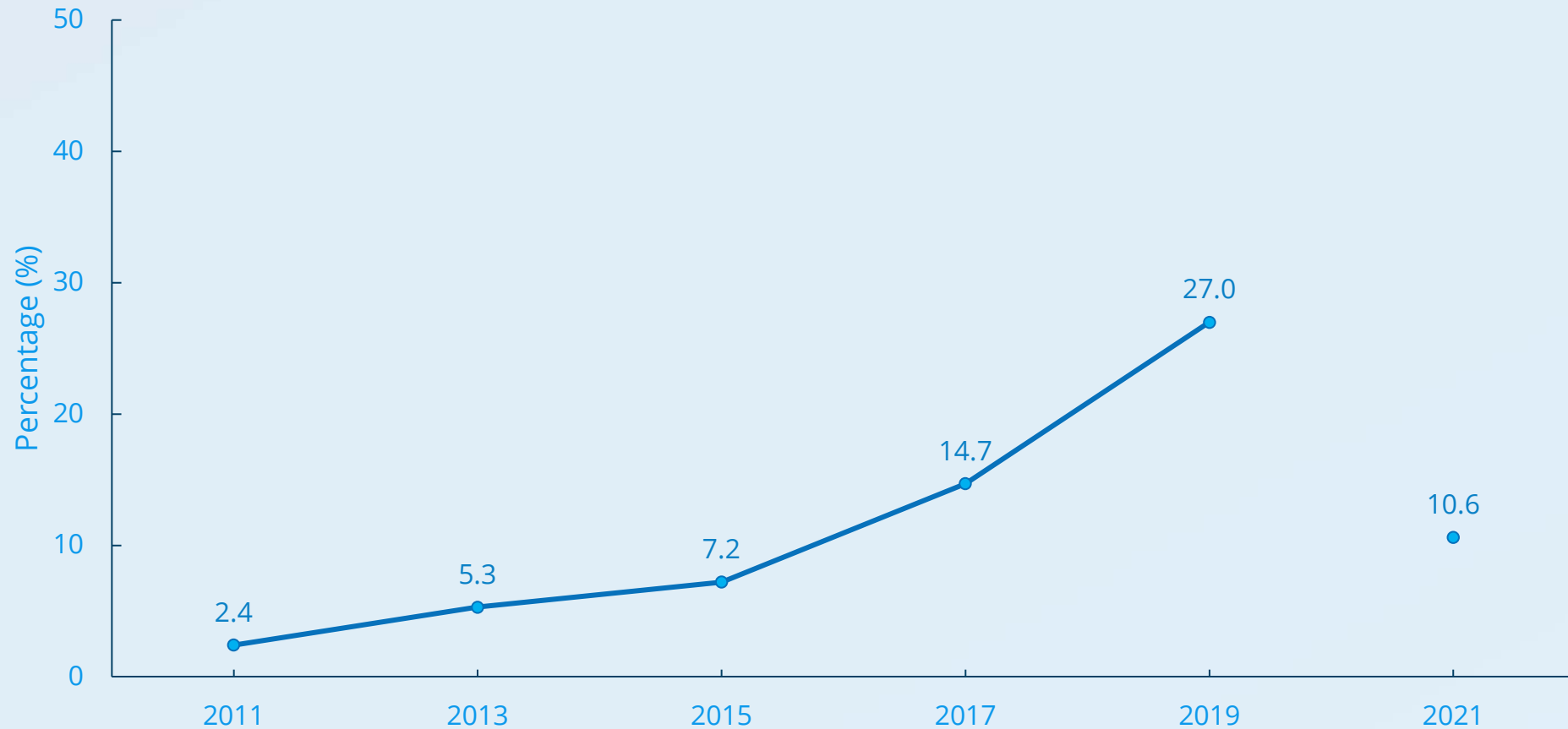
Notes: This graph contains weighted results. Estimates prior to 2019 were collected from the YTS; the questions used on the 2019 and 2021 YRBS were adapted from the YTS to obtain the best comparable trend data as possible. Due to multiple limitations, comparisons between 2021 estimates and those from prior years should not be made.

Percentage of High School Students Who Currently Used E-Cigarettes or Other Electronic Vapor Products,* by Sex,† Grade,† and Race/Ethnicity, 2021



*On at least 1 day during the 30 days before the survey.
 †F>M; 11th>9th , 12th>9th (Based on t-test analysis, p<0.05).
 Missing bar indicates fewer than 30 students or CV>30%.
 Note: This graph contains weighted results.

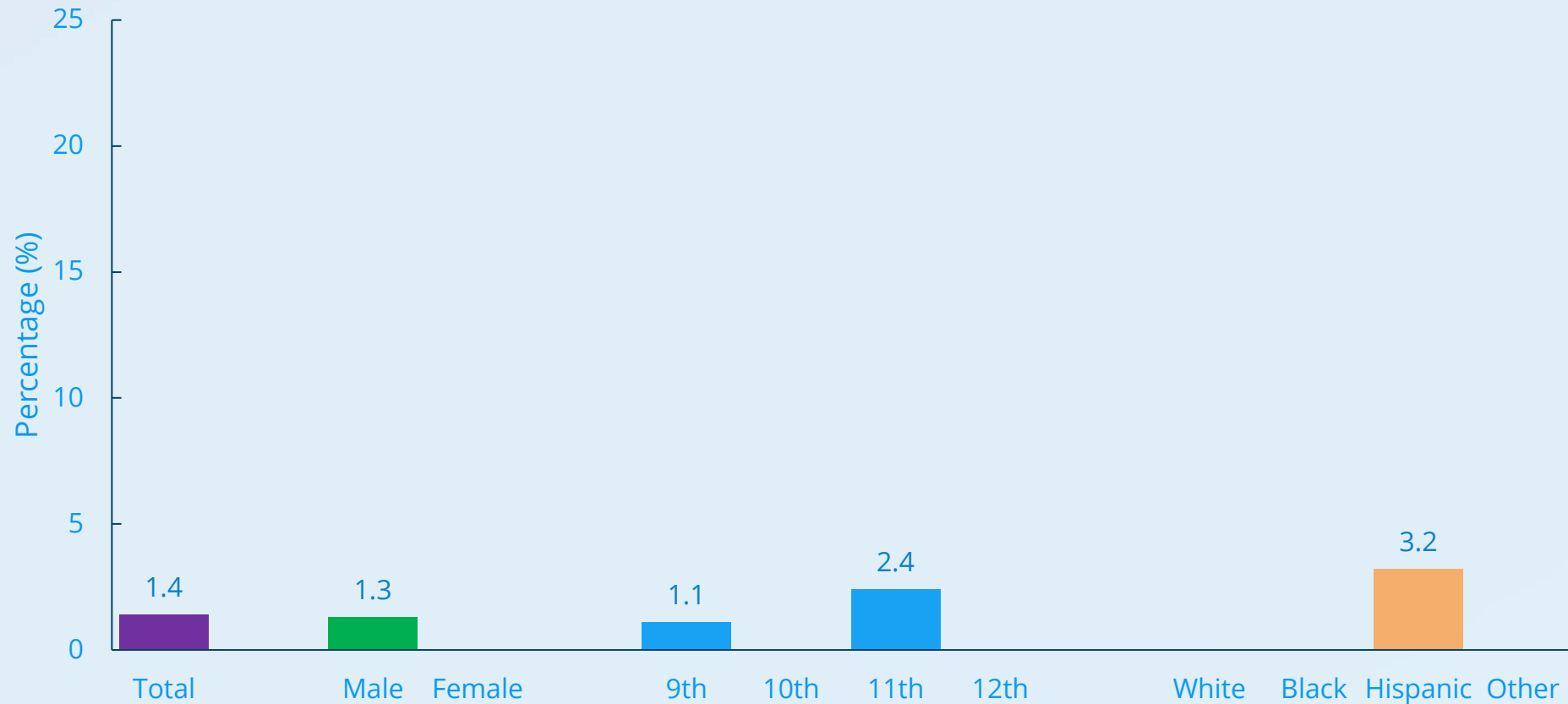
Percentage of High School Students Who Currently Used E-Cigarettes or Other Electronic Vapor Products,* 2011-2021



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

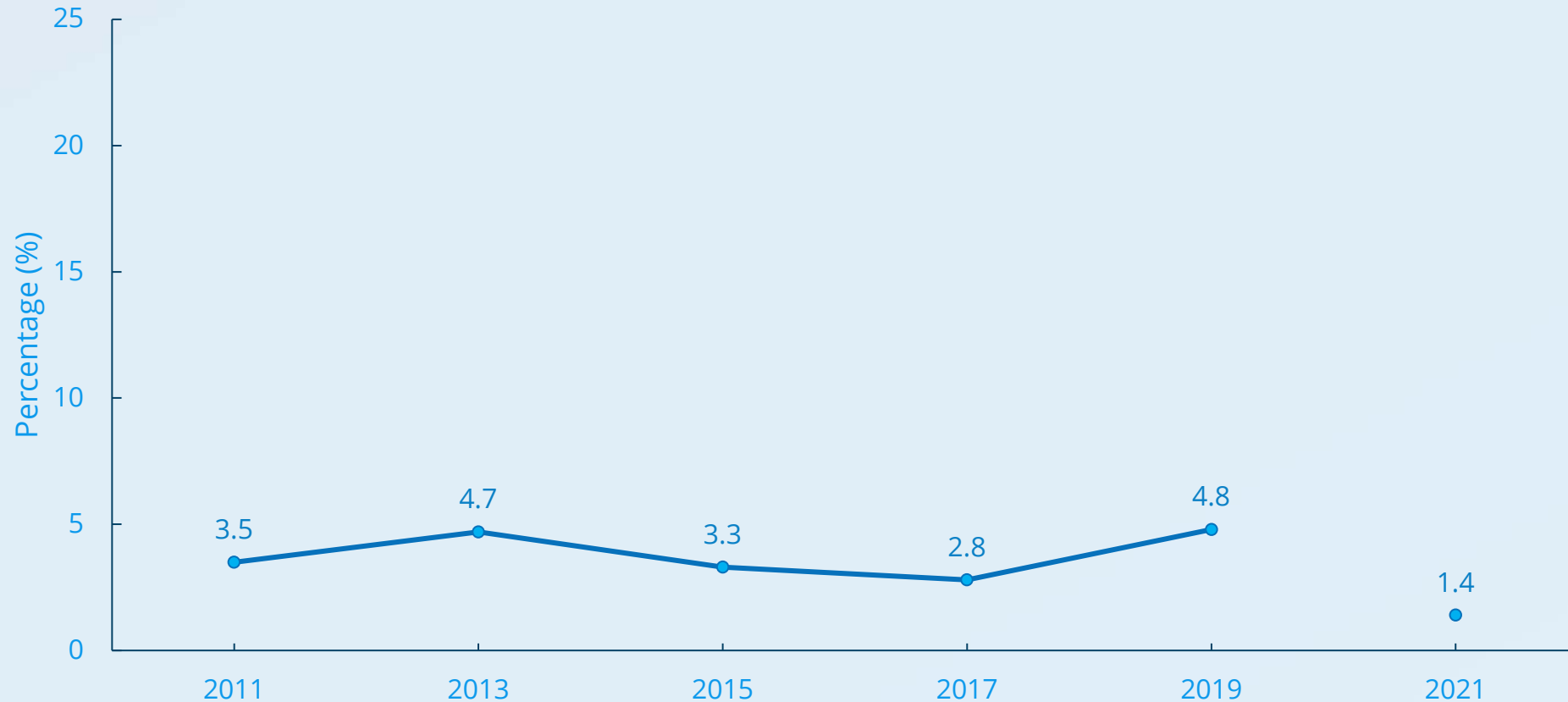
Notes: This graph contains weighted results. Estimates prior to 2019 were collected from the YTS; the questions used on the 2019 and 2021 YRBS were adapted from the YTS to obtain the best comparable trend data as possible. Due to multiple limitations, comparisons between 2021 estimates and those from prior years should not be made.

Percentage of High School Students Who Currently Used Hookahs,* by Sex, Grade, and Race/Ethnicity, 2021



*On at least 1 day during the 30 days before the survey.
Missing bar indicates fewer than 30 students or CV>30%.
Note: This graph contains weighted results.

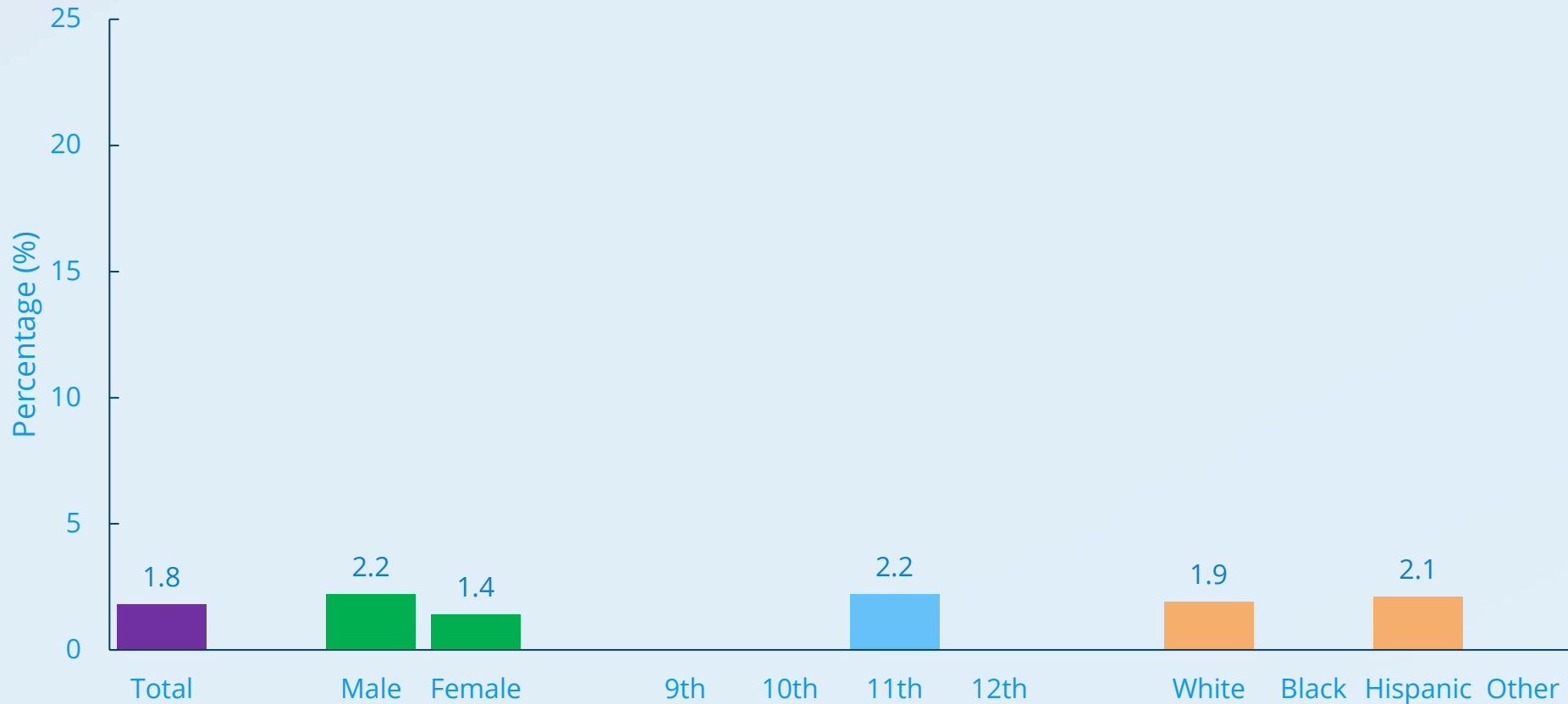
Percentage of High School Students Who Currently Used Hookahs,* 2011-2021



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

Notes: This graph contains weighted results. Estimates prior to 2019 were collected from the YTS; the questions used on the 2019 and 2021 YRBS were adapted from the YTS to obtain the best comparable trend data as possible. Due to multiple limitations, comparisons between 2021 estimates and those from prior years should not be made.

Percentage of High School Students Who Currently Used Other Tobacco,* by Sex, Grade, and Race/Ethnicity, 2021

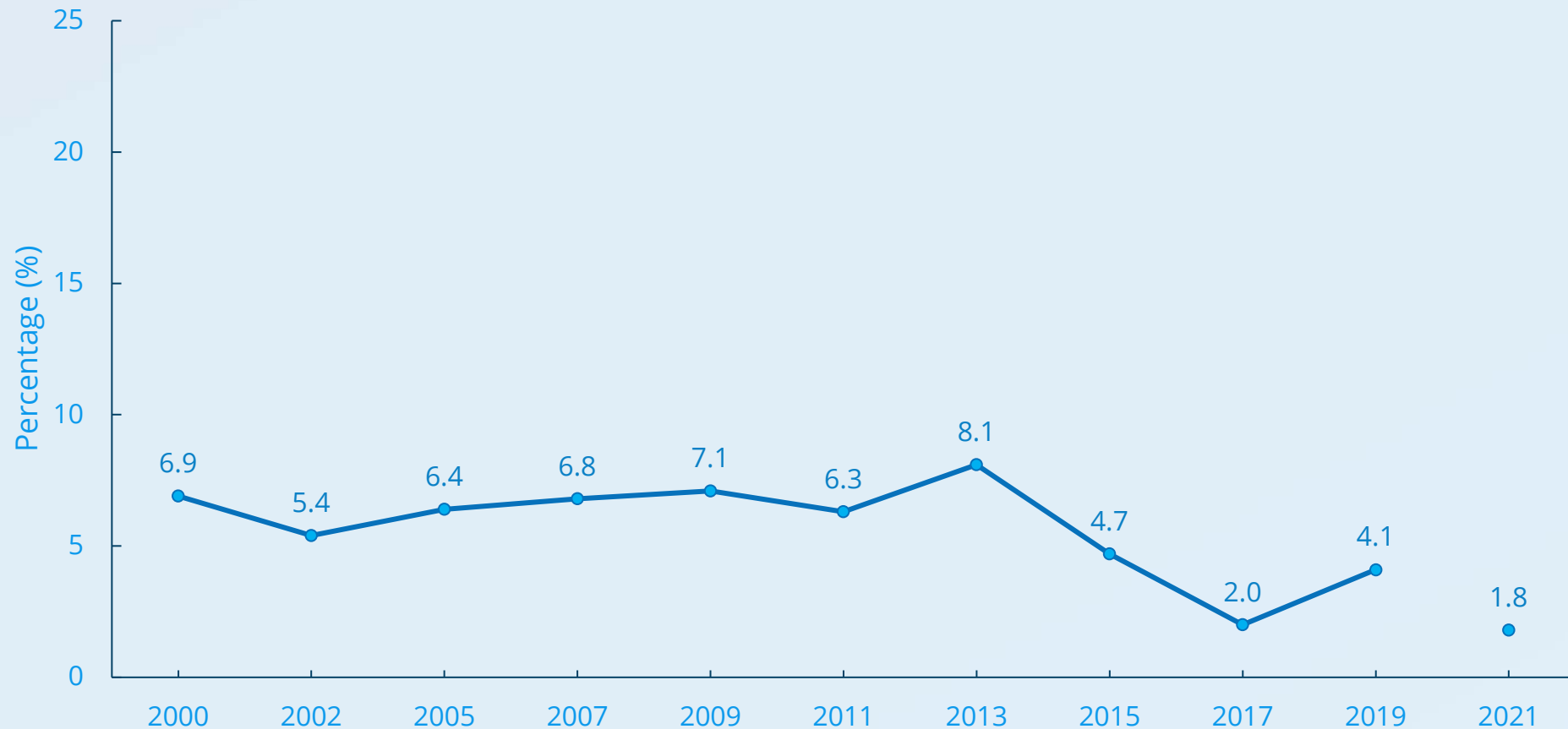


*On at least 1 day during the 30 days before the survey; 'other tobacco' includes chewing tobacco, snuff, snus, dip, dissolvable tobacco and traditional pipes.

Missing bar indicates fewer than 30 students or CV>30%.

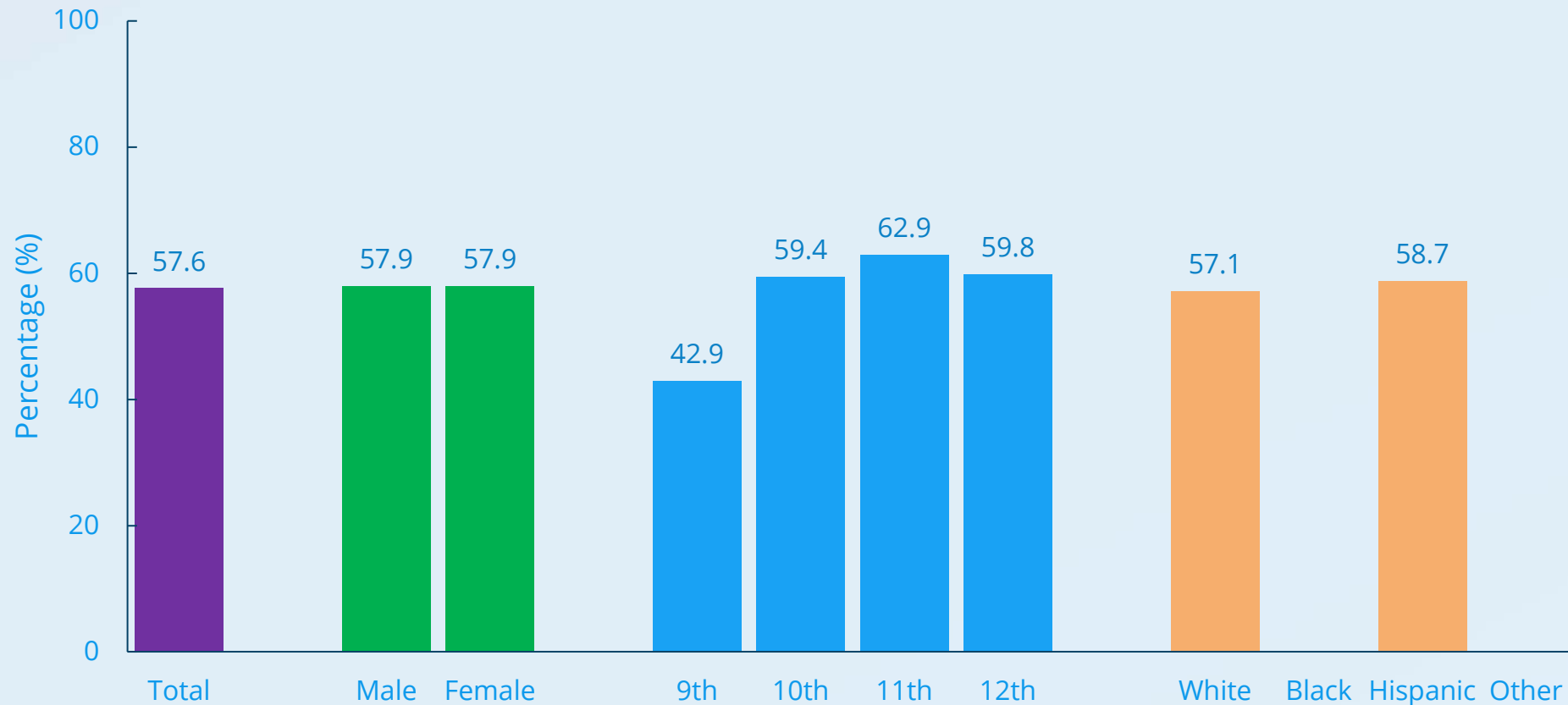
Note: This graph contains weighted results.

Percentage of High School Students Who Currently Used Other Tobacco,* 2000-2021



*On at least 1 day during the 30 days before the survey; 'other tobacco' includes chewing tobacco, snuff, snus, dip and traditional pipes.
Notes: This graph contains weighted results. Estimates prior to 2019 were collected from the YTS; the questions used on the 2019 and 2021 YRBS were adapted from the YTS to obtain the best comparable trend data as possible. Due to multiple limitations, comparisons between 2021 estimates and those from prior years should not be made.

Percentage of High School Tobacco Users Who Co-Used Cannabis,^{*} by Sex, Grade,[†] and Race/Ethnicity, 2021



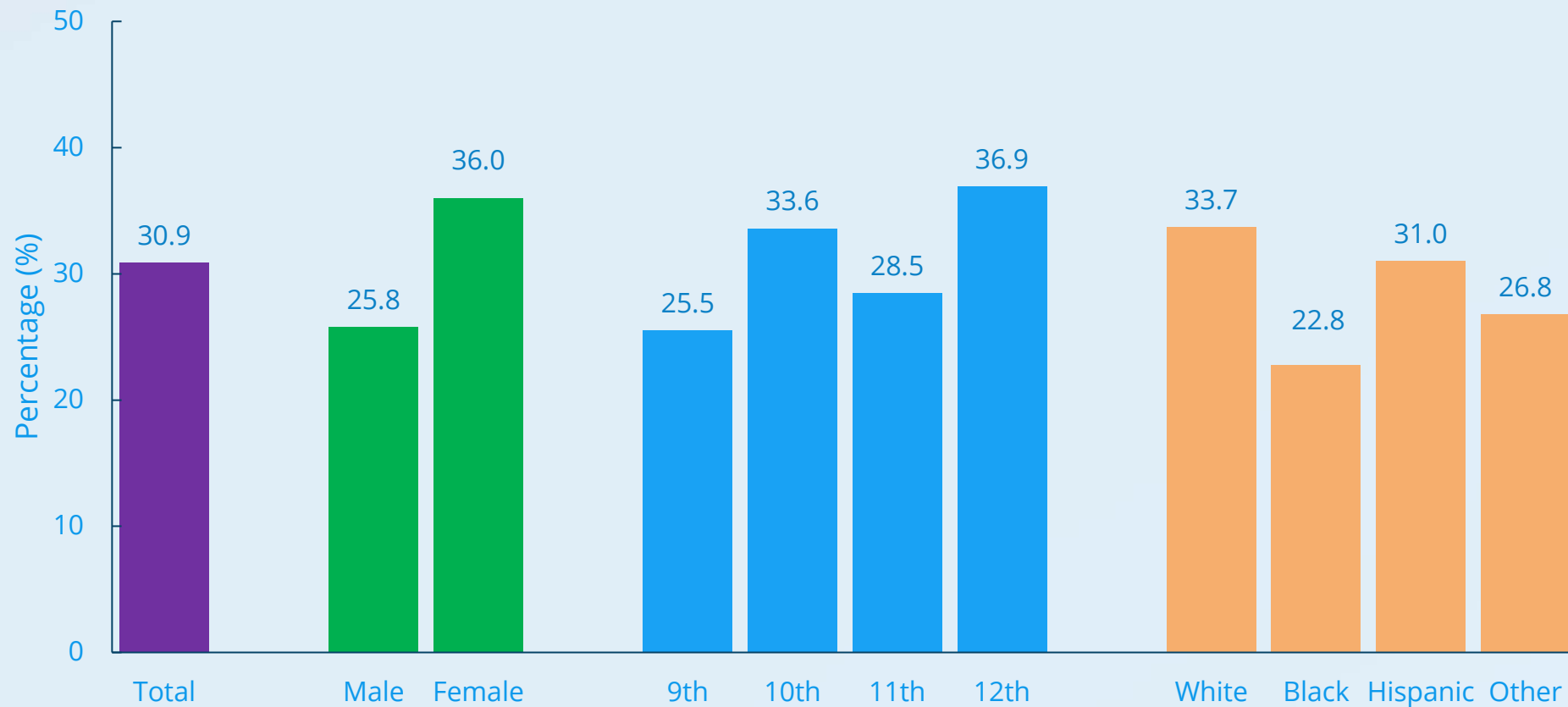
^{*}Current tobacco users who used cannabis (also called marijuana) on at least 1 day during the 30 days before the survey.

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

Missing bar indicates fewer than 30 students or CV>30%.

Note: This graph contains weighted results.

Percentage of High School Students Who Breathed the Smoke, Vapor or Aerosol from Someone Who Was Smoking or Vaping a Tobacco Product,* by Sex,† Grade,† and Race/Ethnicity,† 2021



*On 1 or more of the 7 days before the survey.

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

Note: This graph contains weighted results.