# 2022 Knox County High School Youth Risk Behavior Survey 

A joint effort of<br>Knox County Health Department<br>Knox County Schools

With support from Metro Drug Coalition

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$\frac{\text { KNOX COUNTY }}{\text { TENNESSEE }}$ HEALTH DEPARTMENT

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## Introduction

This report presents the findings of the 2022 Knox County Youth Risk Behavior Survey, a local version of the national and state Youth Risk Behavior Survey (YRBS). The YRBS aims to identify behaviors associated with higher risks of obesity, heart disease, and diabetes, as well as unintentional injuries; tobacco, alcohol or illicit drug dependence; and/or premature mortality such as suicide ideation, or driving under the influence of alcohol.

The results of this survey were compared with YRBS results from previous years, as well as national and state YRBS results. ${ }^{1}$ Comparisons to applicable Healthy People 2020 (HP 2020) and Healthy People 2030 (HP 2030) objectives for high school-aged youth were also made ${ }^{2}$ and results from questions about health behaviors during the COVID-19 pandemic were compared to results from the 2021 Adolescent Behaviors and Experiences Survey (ABES) which was distributed nationally by the Centers for Disease Control and Prevention (CDC) ${ }^{3}$

Knox County, Tennessee, is one of a small number of entities across the country that conducts a county-level YRBS on a regular basis. Previous YRBS efforts were completed in 2005, 2007, 2009, 2011, 2013, 2017, and 2019 among Knox County Schools (KCS) high school students. ${ }^{4}$

[^0]
## METHODOLOGY

The Knox County Health Department, in partnership with the Knox County Schools (KCS), and support from Metro Drug Coalition (MDC), has been producing county-level Youth Risk Behavior Surveys (YRBS) on odd number years since 2005.5 Most of the questions from this 2022 survey were drawn from the 2021 Tennessee Youth Risk Behavior Survey although a few questions on lifetime substance use were modified to 30 days-use and added to the survey to augment local data on certain substances. ${ }^{6}$ In addition, five questions on health behaviors during the COVID-19 pandemic were added from the CDC's Adolescent Behaviors and Experiences Survey (ABES), which was distributed nationally in 2021 by the Centers for Disease Control and Prevention (CDC). The questions were added to better understand health behaviors and effects of COVID-19, school closings and social distancing protocols as well as other restrictions during the pandemic. ${ }^{7}$

The 2022 Knox County YRBS focused on the following five health topics:

- Unintentional injury, violence, mental health, and suicide;
- Tobacco, vapor product, alcohol, and other drug use;
- Weight control and physical activity;
- Health and social behaviors during the COVID-19 pandemic; and
- Miscellaneous other health topics.

In a sample design that mirrors state and national YRBS protocols ${ }^{8}, 47$ second period classes from 12 of the 15 public high schools were randomly selected to be included in the sample (approximately 1,200 possible respondents). Responses were collected on paper surveys administered by the classroom teachers on March 7-9, 2022, following just-in-time training on the morning of the survey. Prior to the survey, passive permission forms were sent home with students in the classroom giving guardians an opportunity to excuse their children from the survey. Students were also told they could opt out of the survey on their own. To ensure the participants' privacy, no information was collected on the identity of the respondents, their course name, name of the classroom teacher, or high school.

Data was post-stratified based on 2021-2022 enrollment data for gender (male, female); race/ethnicity non-Hispanic white, non-Hispanic African American, other races/ethnicities including Hispanic of any race; and school grades (9-12) and analyzed using CDC-provided guidelines. ${ }^{9}$ Confidence intervals ( $p<.05$ ) were generated to make within-group comparisons (for example comparing males and females on a given survey variable).

If there were fewer than 20 "yes" responses to any question; further results were omitted and replaced with an asterisk in the tables to ensure reliability. Relative Standard Error (RSE) estimates

[^1]were also calculated to help ensure reliability. Any RSE estimates of 30 and above were considered unreliable and not reported. ${ }^{10}$

The responses to the following fifteen Knox County YRBS questions were excluded from this analysis due to limited responses (less than 20 "yes" responses): 11

1. During the past 30 days, how many times did you drive a car or other vehicle when you had been drinking alcohol?
2. During the past 30 days, on how many days did you carry a weapon such as a gun, knife, or club on school property?
3. During the past 12 months, on how many days did you carry a gun on school property?
4. If you attempted suicide during the past 12 months, did any attempt result in an injury, poisoning, or overdose that had to be treated by a doctor or nurse?
5. During the past 30 days, on the days you smoked, how many cigarettes did you smoke per day?
6. During the past 30 days, on how many days did you smoke cigars, cigarillos, or little cigars?
7. During your life, how many times have you used any form of cocaine, including powder, crack, or freebase?
8. During the past 30 days, how many times have you used any form of cocaine, including powder, crack, or freebase?
9. During your life, how many times have you used heroin (also called smack, junk, or China White)?
10. During the past 30 days, how many times have you used heroin (also called smack, junk, or China White)?
11. During your life, how many times have you used methamphetamines (also called speed, crystal meth, crank, ice, or meth)?
12. During the past 30 days, how many times have you used methamphetamines (also called speed, crystal meth, crank, ice, or meth)?
13. During your life, how many times have you used ecstasy (also called MDMA or Molly)?
14. During your life, how many times have you used a needle to inject any illegal drugs into your body?
15. During the COVID-19 pandemic, how often did you go hungry because there was not enough food in your home?
[^2]
## SAMPLE CHARACTERISTICS

A total of 589 Knox County Schools high school students completed the survey out of a potential 1,200 students in the sample, approximately a $49 \%$ response rate.

## Total:

Male:
Female:
Prefer not to answer
Missing:
Non-Hispanic white
Hispanic of any race
Non-Hispanic African American
Other races or ethnicities including two or more races:
Missing:
14 years or younger
15 years
16 years
17 years
18 years or older
9th grade
10th grade
$11^{\text {th }}$ grade
$12^{\text {th }}$ grade
Missing

$$
\begin{aligned}
& n=589 \\
& n=261(44.3 \%) \\
& n=296(50.3 \%) \\
& n=30(5.1 \%) \\
& n=2(0.3 \%) \\
& n=375(63.7 \%) \\
& n=85(14.4 \%) \\
& n=52(8.8 \%) \\
& n=47(8.0 \%) \\
& n=30(5.1 \%) \\
& n=94(16.0 \%) \\
& n=221(37.5 \%) \\
& n=173(29.4 \%) \\
& n=68(11.5 \%) \\
& n=33(5.6 \%) \\
& \\
& n=214(36.3 \%) \\
& n=226(38.4 \%) \\
& n=92(15.6 \%) \\
& n=52(8.8 \%) \\
& n=5(0.9 \%)
\end{aligned}
$$

## KEY RESULTS

This section highlights some of the results from the 2022 Knox County Youth Risk Behavior Survey. Detailed survey results are available in the tables following this section. Comparisons with Healthy People 2020 (HP 2020) and Healthy People 2030 (HP 2030) objectives were made whenever possible. ${ }^{12}$ In addition to the Healthy People objectives, results from the national 2021 Adolescent Behavior and Experiences Survey (ABES) on the impact of the COVID-19 epidemic on adolescents are presented where applicable.

## Section 1: Unintentional Injury, Violence, Mental IIIness, and Self Harm/Suicide

## Unintentional injury

- $5.3 \%$ of the students "rarely" or "never" wore a seatbelt when riding in a car or other vehicle driven by someone else (Table 1). This met Healthy People 2020 Objective IVP-15 which calls for no more than $8 \%$ of high school students reporting this behavior (Figure 1).

[^3]- $16.8 \%$, were passengers in a motor vehicle driven by someone who had been drinking alcohol during the past 30 days (Table 2). This met Healthy People 2020 Objective SA-1 which calls for no more than $25.5 \%$ of adolescents reporting this behavior (Figure 2).
- $33.4 \%$ used the internet or apps on their cell phones while driving a motor vehicle, excluding apps for navigation during the past 30 days.
- $26.9 \%$ text messaged or emailed while driving a motor vehicle during the past 30 days (Table 4).


## Violence

- $3.2 \%$ of the students carried a gun (not used for hunting or target shooting) during the past 12 months (Table 5). This meets Healthy People 2030 Objective IVP-12 which calls for no more than $3.7 \%$ of high school-aged adolescents reporting this behavior (Figure 5).
- $5.1 \%$ were threatened or injured by someone who had a weapon (gun, knife, or club) on school property during the past 12 months (Table 7).
- $15.4 \%$ were in a physical fight during the past 12 months (Table 8 ). This meets Healthy People 2030 Objective IVP-11 which calls for no more than $20.9 \%$ of high school adolescents reporting this behavior (Figure 8). It also met Healthy People 2020 Objective IVP-11 which calls for no more than $28.4 \%$ of high school students reporting this behavior (Figure 8).
- $22.3 \%$ saw someone physically attacked, beaten, stabbed, or shot, in their neighborhood (Table 9).
- $7.9 \%$ were physically harmed (being hit, slammed into a wall, injured with an object or weapon) during the past 12 months (Table 10).
- $16.6 \%$ were bullied on school property during the past 12 months (Table 11). This met Healthy People 2020 Objective IVP-35 which called for no more than 17.9\% of students being bullied on school property (Figure 11).
- $15.6 \%$ had been bullied electronically (texting, Instagram, Facebook, or other social media) during the past 12 months (Table 12). More female students (21.3\%) reported being bullied in this fashion compared to male students (9.8\%).


## Mental health, suicide, self-harm

- $24.4 \%$ of the students reported their mental health had not been good either "most of the time" or "always" during the past 30 days (Table 65). Female students (31.9\%) were more likely to report poor mental health ("most of the time" or "always") during the past 30 days than male students (16.4\%).
- $39.4 \%$ felt so sad or hopeless that they stopped doing normal activities for two or more weeks in a row during the past year (Table 13). Female students (49.6\%) were more likely to report this behavior than male students (28.0\%). This did not meet Healthy People 2020 Objective MHMD-4.1 which called for no more than $7.5 \%$ of adolescents reporting this behavior (Figure 13).
- $9 \%$ reported they attempted suicide during the past 12 months (Table 16). Healthy People 2020 Objective MHMD-02 which called for no more than 1.7\% of high school-aged adolescents attempting suicide in the past 12 months was not met (Figure 16). Healthy People 2030 Objective MHMD-02 which calls for no more than $1.8 \%$ of high school-aged adolescents attempting suicide in the past 12 months has yet to be met.
- $5 \%$ asked for help from a doctor, counselor, or hotline before they attempted suicide during the past 12 months (Table 17).
- $22.9 \%$ deliberately hurt themselves such as cutting or burning themselves without meaning to end their lives during the past 12 months (Table 18).


## Section 2: Tobacco, Electronic Vapor Products, Alcohol, and other Drug Use

## Tobacco

- $3.6 \%$ of the students smoked cigarettes on one or more days during the past 30 days (Table 20). Healthy People 2020 Objective TU-2.2 which calls for no more than $16.0 \%$ of adolescents smoking was met. Healthy People 2030 Objective TU-06 which calls for no more than $3.4 \%$ of adolescents (grades 6-12) reporting they smoked cigarettes in the past 30 days has yet to be met in 2022 (Figure 20). Cigarette smoking among KCS high school students has been declining since 2005 (Figure 20).
- $20.3 \%$ used some form of tobacco, including electronic vapor products, cigarettes, cigars, chewing tobacco, or smokeless tobacco products during the past 30 days (Table 28). This did not meet Healthy People 2020 Objective TU-2.3 which calls for no more than $6.9 \%$ of high school students currently using tobacco products. It has yet to meet Healthy People 2030 Objective TU-04 which calls for no more than 11.3\% of high school students using some form of tobacco.


## Electronic vapor products

- $18 \%$ of the students used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods) during the past 30 days (Table 22). This has yet to meet Healthy People 2030 target Objective TU-05 which calls for no more than 10.5\% of current e-cigarette use by adolescents by 2030.
- $9 \%$ used an electronic vapor product on school property during the 30 days prior to the survey (Table 23).
- $13.7 \%$ used an electronic vapor product to vape marijuana, including THC, ${ }^{13}$ THC concentrates, hash oil or waxes during the past 30 days (Table 26).


## Alcohol

- $18.7 \%$ of the students drank alcohol on one or more days during the past 30 days in 2022 (Table 29). This did not meet Healthy People 2020 Objective SA-13.1 which called for no more than $12.8 \%$ of high school students currently drinking alcohol (Figure 29). In addition, this has not yet met Healthy People 2030 Objective SU-04 which calls for no more than 6.3\% of adolescents (ages 12-17) drinking alcohol in the past month (Figure 29).
- Binge drinking is defined by the CDC as four or more drinks in a row (if female) or five or more drinks in a row (if male) within a couple of hours. ${ }^{14} 8.7 \%$ reported binge drinking in the past 30 days (Table 30). This did not meet Healthy People 2020 Objective SU-09 which called for no more than $5.2 \%$ of high school-aged adolescents binge drinking. At $8.7 \%$ in

[^4]2022, this has not yet met Healthy People 2030 Objective SU-09 which calls for no more than $8.4 \%$ of individuals younger than 21 binge drinking (Figure 30).

## Other drug use

- $15.3 \%$ of the students used marijuana during the past 30 days in 2022 (Table 34). This has yet to meet Healthy People 2030 Objective SU-06 which calls for no more than $5.8 \%$ of adolescents 12-17 years of age reporting this behavior (Figure 34).
- $27.3 \%$ were offered, sold, or given illegal drugs on school property during the past 12 months (Table 38).
- 9\% have used a prescription drug, such as Oxycontin, Percocet, codeine, Adderall, Ritalin, or Xanax without a doctor's prescription one or more times during their lifetimes (Table 39).
- $2.9 \%$ used a prescription pain medication without a doctor's prescription during the past 30 days (Table 40). This meets Healthy People 2030 Objective SU-12 which calls for no more of $16.9 \%$ used some form of illicit drug (excluding alcohol or tobacco) during the past 30 days (Table 41). ${ }^{15}$ This has not yet met Healthy People Objective 2030 SU-05 which calls for no more than $5.5 \%$ of illicit drug use among adolescents, 12 to 17 years (Figure 41).


## Section 3: Weight Control and Physical Activity

## Weight control

- $33.8 \%$ of the students described themselves as either slightly overweight or overweight (Table 42).
- $46.9 \%$ reported they were trying to lose weight (Table 43 ); more female students (59.1\%) reported this behavior than male students (36.9\%).


## Physical activity

- $20.7 \%$ of the students reported they were physically active for at least sixty minutes during the last seven days (Table 44). This did not meet HP 2020 Objective PA- 3.1 which calls for $31.6 \%$ of adolescents meeting this exercise goal (Figure 44). In addition, this has not yet met Healthy People 2030 Objective PA-06 which calls for 30.6\% adolescents in grades 9-12 meeting this goal ${ }^{16}$ (Figure 44). More male students (27.3\%) reported this behavior than female students (20.7\%) (Table 44).
- $14.9 \%$ did not participate in any physical activity lasting at least 60 minutes during the past week (Table 45).
- $80.2 \%$ spent 3 or more hours per day on average school days in front of a TV, computer, smart phone, or other electronic device watching shows, playing games or videos, or accessing the internet for non-school-related reasons (Table 47). 49.5\% estimated their screen time at five or more hours per average school day (Table 46).

[^5]
## Section 4: Health Behaviors during the COVID-19 Pandemic

- $21 \%$ of the students reported that an adult in their home lost their job during the COVID-19 pandemic (Table 51).
- $11.4 \%$ agreed or strongly agreed that they drank more alcohol during the COVID-19 pandemic than before it (Table 54).
- $13.2 \%$ agreed or strongly agreed that they used drugs (marijuana, synthetic marijuana, cocaine, prescription drug medications without a doctor's prescription, and other illegal drugs) more during the pandemic than before the pandemic (Table 56).
- $27.9 \%$ received health care from doctors or nurses through telemedicine technologies such as computers, phones, or other devices during the COVID-19 pandemic (Table 57).
- $16.4 \%$ received mental health care through telemedicine technologies such as computers, phones, or other devices during the COVID-19 pandemic (Table 58).


## Section 5: Additional health topics

- $12.9 \%$ of the students suffered from one or more concussions while engaged in physical activities or sports during the past 12 months (Table 48).
- $75.3 \%$ had been to a dentist for a checkup or other dental work within the past 12 months (Table 63). This meets Healthy People 2030 Objective $\mathrm{OH}-08$ which calls for $45.0 \%$ of individuals using the dental system within the past year (Figure 63).
- $11.5 \%$ reported there is rarely or never an adult in their household who tries hard to make sure their basic needs were met (Table 69).
- $35.1 \%$ have lived with someone with an alcohol or drug problem (Table 70).
- $38.6 \%$ had lived with someone who is depressed, mentally ill, or suicidal (Table 71).
- $18.7 \%$ had been separated from a parent or guardian because they went to jail, prison, or a detention center (Table 72).
- $6.4 \%$ had been treated badly or unfairly in school "most of the time" or "always" due to their race or ethnicity (Table 74).


## TABLES

Table 1: Percent of Knox County Schools high school students who "rarely" or "never" wear a seatbelt when riding in a motor vehicle driven by someone else, 2022 (total responses $=565$ )

|  | Yes Responses | Weighted Yes <br> Responses | Percent | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 32 | 1,012 | 5.3 | $(3.5-8.0)$ |
| Male | 15 | $*$ | $*$ | $*$ |
| Female | 13 | $*$ | $*$ | $*$ |
| Preferred not to answer | 4 | $*$ | $*$ | $*$ |

## Race/Ethnicity

White (non-Hispanic) 15

| Black (non-Hispanic) | 7 |
| :--- | :--- |
| Hispanic (any race) | 7 |

Other race/ethnicity 3

## School Grade

9th grade
10th grade
11th grade
12th grade
15
12
1
4

| $*$ | $*$ | $*$ |
| :--- | :--- | :--- |
| $*$ | $*$ | $*$ |
| $*$ | $*$ | $*$ |
| $*$ | $*$ | $*$ |

*Too unreliable to report

Figure 1: Percent of high school students who "rarely" or "never" wear a seatbelt when riding in a motor vehicle driven by someone else, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools 2022; Healthy People 2020 Objective IVP-15


Table 2: Percent of Knox County Schools high school students who had been a passenger in a car driven by someone who had been drinking alcohol during the past 30 days, 2022 (total responses $=566$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percent | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 99 | 3,211 | 16.8 | $(13.4-20.8)$ |
| Male | 50 | 1,606 | 16.4 | $(12.3-21.7)$ |
| Female | 45 | 1,583 | 16.9 | $(11.9-23.4)$ |
| Prefer not to answer | 4 | $*$ | $*$ | $*$ |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 65 | 2,093 | 15.9 | $(12.2-20.4)$ |
| Black (non-Hispanic) | 12 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 16 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 6 | $*$ | $*$ | $*$ |

## School Grade

| 9th grade | 35 | 920 | 18.6 | $(13.4-25.1)$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 43 | 1,048 | 21.3 | $(15.8-28.1)$ |
| 11th grade | 15 | $*$ | $*$ | $*$ |
| 12th grade | 6 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 2. Percent of high school students who had been a passenger in a car driven by someone who had been drinking alcohol during the past 30 days, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022; Healthy People 2020 Objective SA-1


Table 3: Percent of Knox County Schools high school students who used the internet or apps on their cell phone (such as YouTube, Instagram, or Facebook) while driving a car or other vehicle during the past 30 days (excludes navigation or map apps), 2022 (total responses $=560$ )

|  | Yes <br> Responses |
| :--- | :---: |
| Total | 162 |
| Male | 82 |
| Female | 75 |
| Prefer not to answer | 5 |

Weighted Yes
Responses
6,331
3,227
2,845
$*$

## Race/Ethnicity

| White (non-Hispanic) | 116 |
| :--- | :---: |
| Black (non-Hispanic) | 12 |
| Hispanic (any race) | 22 |
| Other race/ethnicity | 12 |

5,677
$*$
526
$*$

|  | Percent |
| :---: | :---: |
| 95\% Conf. |  |
| Intervals |  |,

## School Grade

| 9th grade | 31 | 852 | 17.4 | $(12.4-24.0)$ |
| :--- | :--- | :---: | :--- | :--- |
| 10th grade | 74 | 1,752 | 35.9 | $(29.3-43.0)$ |
| 11th grade | 34 | 1,823 | 39.8 | $(29.6-51.0)$ |
| 12th grade | 23 | 1,932 | 41.9 | $(27.9-57.4)$ |

*Too unreliable to report
Figure 3: Percent of Knox County Schools high school students who used the internet or apps on their cell phone (such as YouTube, Instagram, or Facebook) while driving a car or other vehicle during the past 30 days (excludes navigation or map apps), 2019, 2022


Table 4: Percent of Knox County Schools high school students who text messaged or emailed while they drove a motor vehicle during the past 30 days, 2022 (total responses $=560$ )

| (e) | Yes <br> Responses | Weighted Yes Responses | Percent | 95\% conf. intervals |
| :---: | :---: | :---: | :---: | :---: |
| Total | 113 | 5,110 | 26.9 | (22.2-32.3) |
| Male | 57 | 2,636 | 27.2 | (20.5-35.1) |
| Female | 51 | 2,288 | 25.8 | (19.2-33.7) |
| Prefer not to answer | 5 | * | * | * |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 87 | 4,081 | 31.1 | (25.1-37.8) |
| Black (non-Hispanic) | 6 | * | * | * |
| Hispanic (any race) | 11 | * | * | * |
| Other race/ethnicity | 9 | * | * | * |
| School Grade |  |  |  |  |
| 9th grade | 7 | * | * | * |
| 10th grade | 53 | 1,271 | 26.0 | (20.2-32.9) |
| 11th grade | 31 | 1,575 | 34.8 | (25.2-45.8) |
| 12th grade | 22 | 2,074 | 45.0 | (30.5-60.4) |

*Too unreliable to report

Figure 4: Percent of high school students who text messaged or emailed while they drove a motor vehicle during the past 30 days, Knox County Schools, 2011; Knox County Schools, Tennessee, U.S., 2013, 2017, 2019; Knox County Schools, 2022


Table 5: Percent of Knox County Schools high school students who carried a gun during the past 12 months (excluding guns used for hunting or target shooting), 2022 (total responses $=565$ )

| ( | Yes Responses | Weighted Yes Responses | Percent | 95\% Conf. Interval |
| :---: | :---: | :---: | :---: | :---: |
| Total | 20 | 617 | 3.2 | (2.0-5.3) |
| Male | 12 | * | * | * |
| Female | 5 | * | * | * |
| Prefer not to answer | 3 | * | * | * |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 12 | * | * | * |
| Black (non-Hispanic) | 2 | * | * | * |
| Hispanic (any race) | 4 | * | * | * |
| Other race/ethnicity | 2 | * | * | * |
| School Grade |  |  |  |  |
| 9th grade | 6 | * | * | * |
| 10th grade | 9 | * | * | * |
| 11th grade | 3 | * | * | * |
| 12th grade | 2 | * | * | * |

*Too unreliable to report
Figure 5: Percent of high school students who carried a gun during the past 12 months (excluding guns used for hunting or target shooting), Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022; Healthy People 2030 IVP-12


Table 6: Percent of Knox County Schools high school students who did not go to school for one or more days during the past 30 days because they felt too unsafe at school, or going to or from school, 2022
(total responses $=565$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percent | Intervals <br> Inter |
| :--- | :---: | :---: | :---: | :---: |
| Total | 43 | 1,830 | 9.6 | $(6.5-13.8)$ |
| Male | 12 | $*$ | $*$ | $*$ |
| Female | 25 | 1,082 | 12.4 | $(7.5-19.7)$ |
| Prefer not to answer | 6 | $*$ | $*$ | $*$ |

Race/Ethnicity

| White (non-Hispanic) | 26 | 1,135 | 8.6 | $(5.3-13.8)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 7 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 6 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 4 | $*$ | $*$ | $*$ |

School Grade

| 9th grade | 17 | $*$ | $*$ | $*$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 14 | $*$ | $*$ | $*$ |
| 11th grade | 4 | $*$ | $*$ | $*$ |
| 12th grade | 7 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 6: Percent of high school students who did not go to school for one or more days during the past 30 days because they felt too unsafe at school, or going to or from school, Knox County Schools, Tennessee, U.S., 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 7: Percent of Knox County Schools high school students who were threatened or injured by someone with a gun, knife, or club on school property during the past 12 months, 2022 (total responses $=561$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percent | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 34 | 977 | 5.1 | $(3.4-7.7)$ |
| Male | 14 | $*$ | $*$ | $*$ |
| Female | 15 | $*$ | $*$ | $*$ |
| Prefer not to answer | 5 | $*$ | $*$ | $*$ |

## Race/Ethnicity

White (non-Hispanic)
Black (non-Hispanic)
Hispanic (any race)
Other race/ethnicity
23
1
6
4

School Grade
9th grade
10th grade
11th grade
12th grade
*Too unreliable to report

10
18
2
4

736
*
$*$
*
5.6

*     * 
* 
* 
* 
* 

| $*$ | $*$ | $*$ |
| :--- | :--- | :--- |
| $*$ | $*$ | $*$ |
| $*$ | $*$ | $*$ |
| $*$ | $*$ | $*$ |

Figure 7: Percent of high school students who were threatened or injured by someone with a gun, knife, or club on school property during the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 8: Percent of Knox County Schools high school students who were in a physical fight during the past 12 months, 2022 (total responses $=563$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percent | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 98 | 2,934 | 15.4 | $(12.3-19.2)$ |
| Male | 55 | 1,891 | 19.5 | $(14.5-25.7)$ |
| Female | 39 | 969 | 11.1 | $(7.7-15.8)$ |
| Prefer not to answer | 4 | $*$ | $*$ | $*$ |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 70 | 2,151 | 16.3 | $(12.5-21.0)$ |
| Black (non-Hispanic) | 9 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 9 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 10 | $*$ |  | $*$ |
| School Grade |  |  |  |  |
| 9th grade |  |  |  |  |
| 10th grade | 38 | 1,155 | 23.6 | $(17.8-30.5)$ |
| 11th grade | 46 | $*$ | $*$ | $*$ |

*Too unreliable to report

Figure 8: Percent of high school students who were in a physical fight during the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022; Healthy People 2020 Objective IVP-34; Healthy People 2030 Objective IVP-11


Table 9: Percent of Knox County Schools high school students who have seen someone physically attacked, beaten, stabbed, or shot in their neighborhood, 2022 (total responses $=564$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percent | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 123 | 5,257 | 22.3 | $(18.2-27.1)$ |
| Male | 57 | 2,324 | 23.9 | $(17.8-31.3)$ |
| Female | 61 | 1,731 | 19.9 | $(14.7-26.3)$ |
| Prefer not to answer | 5 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 63 | 2,482 | 18.9 | $(14.1-24.8)$ |
| Black (non-Hispanic) | 21 | 1,017 | 33.2 | $(20.7-48.7)$ |
| Hispanic (any race) | 27 | 560 | 32.0 | $(22.0-43.9)$ |
| Other race/ethnicity | 12 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade | 44 | 1,114 | 22.6 | $(17.0-29.4)$ |
| 9th grade | 51 | 1,177 | 24.0 | $(18.3-30.9)$ |
| 10th grade | 17 | $*$ | $*$ | $*$ |
| 11th grade | 9 | $*$ | $*$ | $*$ |

*Too unreliable to report

Figure 9: Percent of Knox County School high school students who have seen someone physically attacked, beaten, stabbed, or shot in their neighborhood by gender and race/ethnicity, 2022


Table 10: Percent of Knox County Schools high school students who had been physically hurt on purpose (being hit, slammed into something, or injured with an object or weapon) by someone they had been dating during the past 12 months, 2022
(total responses $=560$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percent | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 45 | 1,504 | 7.9 | $(5.6-11.0)$ |
| Male | 17 | $*$ | $*$ | $*$ |
| Female | 25 | 714 | 8.2 | $(5.3-12.6)$ |
| Prefer not to answer | 3 | $*$ | $*$ | $*$ |

## Race/Ethnicity

White (non-Hispanic)
34
Black (non-Hispanic)
2
Hispanic (any race)
Other race/ethnicity
3

School Grade

| 9th grade | 9 |
| :--- | :---: |
| 10th grade | 19 |
| 11th grade | 13 |
| 12th grade | 4 |


| 1,223 | 9.3 |
| :---: | :---: |
| $*$ | $*$ |
| $*$ | $*$ |
| $*$ | $*$ |

* 
* 
* 

*Too unreliable to report
Figure 10: Percent of high school students who had been physically hurt on purpose (being hit, slammed into something, or injured with an object or weapon) by someone they had been dating during the past 12 months, Knox County Schools, Tennessee, U.S., 2013, 2017, 2019; Knox County Schools, 2022


Table 11: Percent of Knox County Schools high school students who had been bullied on school property during the past 12 months, 2022
(total responses $=564$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percent | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 96 | 3,172 | 16.6 | $(13.1-20.9)$ |
| Male | 30 | 1,067 | 11.0 | $(7.2-16.3)$ |
| Female | 58 | 1,878 | 21.6 | $(15.8-28.6)$ |
| Prefer not to answer | 8 | $*$ | $*$ | $*$ |

Race/Ethnicity

| White (non-Hispanic) | 73 | 2,408 | 18.3 | $(14.1-23.6)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 7 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 11 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 5 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade | 34 | 719 | 14.5 | $(10.3-19.0)$ |
| 9th grade | 39 | 852 | 17.5 | $(12.9-23.3)$ |
| 10th grade | 13 | $*$ | $*$ | $*$ |
| 11th grade | 10 | $*$ | $*$ | $*$ |
| 12th grade |  |  |  |  |

*Too unreliable to report
Figure 11: Percent of high school students who had been bullied on school property during the past 12 months, Knox County Schools, Tennessee, U.S., 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022; Healthy People 2020 Objective IVP-35


Table 12: Percent of Knox County Schools high school students who had been bullied electronically (texting, Instagram, Facebook, or other social media) during the past 12 months, 2022 (total responses = 564)

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percent | $95 \%$ Conf <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 99 | 2,978 | 15.6 | $(12.2-19.7)$ |
| Male | 26 | 955 | 9.8 | $(6.0-15.6)$ |
| Female | 65 | 1,852 | 21.3 | $(15.9-27.8)$ |
| Prefer not to answer | 8 | $*$ | $*$ | $*$ |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 71 | 2,313 | 17.6 | $(13.3-22.9)$ |
| Black (non-Hispanic) | 6 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 11 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 11 | $*$ | $*$ | $*$ |
| School Grade |  |  |  |  |
| 9th grade | 31 | 673 | 13.6 | $(9.5-19.1)$ |
| 10th grade | 49 | $*$ | 20.6 | $(15.4-26.6)$ |
| 11th grade | 9 | $*$ | $*$ | $*$ |
| 12th grade | 10 |  | $*$ |  |

*Too unreliable to report
Figure 12: Percent of high school students who had been bullied electronically (texting, Instagram, Facebook, or other social media) during the past 12 months, Knox County, Tennessee, U.S., 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 13: Percent of Knox County Schools high school students who felt so sad or hopeless they stopped doing usual activities for two or more weeks in a row during the past 12 months, 2022 (total responses $=563$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 214 | 7,508 | 39.4 | $(34.3-44.7)$ |
| Male | 63 | 2,718 | 28.0 | $(21.3-35.8)$ |
| Female | 134 | 4,320 | 49.6 | $(42.2-57.0)$ |
| Prefer not to answer | 17 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity | 140 | 5,200 | 39.6 | $(33.4-46.1)$ |
| White (non-Hispanic) | 20 | 1,232 | 40.2 | $(25.7-56.7)$ |
| Black (non-Hispanic) | 31 | 642 | 37.1 | $(26.3-49.3)$ |
| Hispanic (any race) | 23 | 433 | 38.9 | $(26.2-53.3)$ |
| Other race/ethnicity |  |  |  |  |
|  | 69 | 1,561 | 31.5 | $(25.2-38.5)$ |
| School Grade | 86 | 1,827 | 37.5 | $(31.0-44.6)$ |
| 9th grade | 34 | 1,871 | 40.5 | $(30.3-51.7)$ |
| 10th grade | 25 | 2,250 | 48.5 | $(33.6-63.7)$ |
| 11th grade |  |  |  |  |

*Too unreliable to report
Figure 13: Percent of high school students who felt so sad or hopeless they stopped doing usual activities for two or more weeks in a row during the past 12 months, Knox County Schools, Tennessee, U.S., 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022; Healthy People 2020 Objective MHMD-4.1


Table 14: Percent of Knox County Schools high school students who seriously considered suicide in the past 12 months, 2022
(total responses $=560$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 112 | 4,121 | 21.7 | $(17.5-26.6)$ |
| Male | 32 | 1,412 | 14.6 | $(9.6-21.4)$ |
| Female | 67 | 2,300 | 26.6 | $(20.2-34.2)$ |
| Prefer not to answer | 13 | $*$ | $*$ | $*$ |

## Race/Ethnicity

| White (non-Hispanic) | 74 | 2,993 | 22.9 | $(17.7-29.2)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 8 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 14 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 16 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade | 35 | 815 | 15.5 | $(10.9-21.7)$ |
| 9th grade | 42 | 798 | 16.5 | $(12.2-22.0)$ |
| 10th grade | 15 | $*$ | $*$ | $*$ |
| 11th grade | 20 | 1,716 | 37.0 | $(23.9-52.4)$ |

*Too unreliable to report
Figure 14: Percent of high school students who seriously considered suicide in the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 15: Percent of Knox County Schools high school students who made a plan to commit suicide during the past 12 months, 2022
(total responses $=559$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 93 | 3,117 | 16.4 | $(12.8-20.7)$ |
| Male | 31 | 1,412 | 14.6 | $(9.6-21.4)$ |
| Female | 51 | 1,507 | 16.2 | $(11.7-22.1)$ |
| Prefer not to answer | 11 | $*$ | $*$ | $*$ |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 58 | 2,071 | 15.8 | $(11.6-21.2)$ |
| Black (non-Hispanic) | 9 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 12 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 14 | $*$ |  | $*$ |
| School Grade |  |  |  |  |
| 9th grade |  |  |  |  |
| 10th grade | 32 | 708 | 14.6 | $(10.3-20.2)$ |
| 11th grade | 36 | $*$ | $*$ | $*$ |

*Too unreliable to report

Figure 15: Percent of high school students who made a plan to commit suicide during the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 16: Percent of Knox County Schools high school students who attempted suicide during the past 12 months, 2022
(total responses $=559$ )
\(\left.$$
\begin{array}{lcccc} & \begin{array}{c}\text { Yes } \\
\text { Responses }\end{array} & \begin{array}{c}\text { Weighted Yes } \\
\text { Responses }\end{array}
$$ \& Percentage \& 95\% Conf. <br>

Intervals\end{array}\right]\)|  | 48 | 1,700 | 9.0 |
| :--- | :---: | :---: | :---: |

## Race/Ethnicity

| White (non-Hispanic) | 31 | 1,176 | 9.0 | $(5.8-13.8)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 5 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 8 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 4 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade | 15 | $*$ | $*$ | $*$ |
| 9th grade | 20 | $*$ | $*$ | $*$ |
| 10th grade | 6 | $*$ | $*$ | $*$ |
| 11th grade | 7 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 16: Percent of high school students who attempted suicide during the past 12 months, Knox County Schools, 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022; Healthy People 2020 Objective MHMD-02 Healthy People 2030 Objective MHMD-02


Table 17: Percent of Knox County Schools high school students who asked for help from a doctor, counselor, or hotline before they attempted suicide during the past 12 months, 2022
(total responses $=555$ )

|  | Yes Responses | Weighted Yes <br> Responses | Percent | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 22 | 944 | 5.0 | $(2.8-7.9)$ |
| Male | 8 | $*$ | $*$ | $*$ |
| Female | 12 | $*$ | $*$ | $*$ |
| Prefer not to ask | 2 | $*$ | $*$ | $*$ |

Race/Ethnicity

| White (non-Hispanic) | 15 | $*$ | $*$ | $*$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 4 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 2 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 1 |  |  | $*$ |
|  |  |  | $*$ |  |
| School Grade |  |  |  |  |
| 9th grade | 9 | $*$ | $*$ | $*$ |
| 10th grade | 1 | $*$ | $*$ | $*$ |
| 11th grade | 5 | $*$ | $*$ | $*$ |
| 12th grade |  |  |  |  |

*Too unreliable to report
Figure 17: Percent of Knox County Schools high school students who asked for help from a doctor, counselor, or hotline before they attempted suicide during the past 12 months, Knox County Schools, 2022


Table 18: Percent of Knox County Schools high school students who did something to purposefully hurt themselves without wanting to die, such as cutting or burning themselves during the past 12 months, 2022

| (total responses = 555) | Yes <br> Responses | Weighted Yes <br> Responses | Percent | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 130 | 4,294 | 22.9 | $(18.6-27.7)$ |
| Male | 32 | 1,519 | 15.9 | $(10.4-23.6)$ |
| Female | 84 | 2,595 | 28.2 | $(22.0-35.3)$ |
| Prefer not to answer | 14 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity | 93 | 3,345 | 26.0 | $(20.6-32.2)$ |
| White (non-Hispanic) | 5 | $*$ | $*$ | $*$ |
| Black (non-Hispanic) | 18 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 14 | $*$ | $*$ | $*$ |
| Other race/ethnicity |  |  |  |  |
|  |  |  |  |  |
| School Grade | 47 | 1,064 | 21.8 | $(16.5-28.3)$ |
| 9th grade | 52 | 985 | 20.5 | $(15.7-26.4)$ |
| 10th grade | 17 | $*$ | $*$ | $*$ |
| 11th grade | 14 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 18: Percent of Knox County Schools high school students who did something to purposefully hurt themselves without wanting to die, such as cutting or burning themselves during the past 12 months by gender, 2022


Table 19: Percent of Knox County Schools high school students who have ever tried smoking cigarettes, even one or two puffs, 2022
(total responses $=562$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percent | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 94 | 2,888 | 15.2 | $(11.9-19.1)$ |
| Male | 43 | 1,468 | 15.1 | $(10.8-20.8)$ |
| Female | 46 | 1,420 | 15.2 | $(10.7-21.1)$ |
| Prefer not to answer | 5 | $*$ | $*$ | $*$ |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 64 | 2,167 | 16.5 | $(12.5-21.4)$ |
| Black (non-Hispanic) | 5 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 15 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 10 | $*$ | $*$ | $*$ |
| School Grade |  |  |  |  |
| 9th grade | 29 | 683 | 13.8 | $(9.6-19.5)$ |
| 10th grade | 43 | 907 | 18.6 | $(13.9-24.4)$ |
| 11th grade | 14 | $*$ | $*$ | $*$ |

*Too unreliable to report

Figure 19: Percent of high school students who have ever tried smoking cigarettes, even one or two puffs, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 20: Percent of Knox County Schools high school students who smoked cigarettes on one or more days during the past 30 days (current cigarette smokers), 2022 (total responses $=558$ )

| (eal | Yes <br> Responses | Weighted Yes Responses | Percentage | 95\% Conf. Intervals |
| :---: | :---: | :---: | :---: | :---: |
| Total | 23 | 675 | 3.6 | (1.8-5.7) |
| Male | 8 | * | * | * |
| Female | 12 | * | * | * |
| Prefer not to answer | 3 | * | * | * |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 19 | * | * | * |
| Black (non-Hispanic) | 0 | * | * | * |
| Hispanic (any race) | 3 | * | * | * |
| Other race/ethnicity | 1 | * | * | * |
| School Grade |  |  |  |  |
| 9th grade | 7 | * | * | * |
| 10th grade | 12 | * | * | * |
| 11th grade | 2 | * | * | * |
| 12th grade | 2 | * | * | * |

*Too unreliable to report

Figure 20: Percent of high school students who smoked cigarettes on one or more days during the past 30 days (current cigarette smokers), Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022; Healthy People 2020 Objective TU-2.2;
Healthy People 2030 Objective TU-06


Table 21: Percent of Knox County Schools high school students who have ever used an electronic vapor product (includes such products as e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods), 2022
(total responses $=559$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 174 | 5,908 | 31.2 | $(26.5-36.2)$ |
| Male | 66 | 2,391 | 24.9 | $(19.0-31.8)$ |
| Female | 102 | 3,267 | 37.6 | $(30.6-45.0)$ |
| Prefer not to answer | 6 | $*$ | $*$ | $*$ |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 113 | 4,225 | 32.4 | $(26.7-38.6)$ |
| Black (non-Hispanic) | 16 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 27 | 489 | 28.2 | $(19.0-39.7)$ |
| Other race/ethnicity | 18 | $*$ | $*$ | $*$ |

School Grade

| 9th grade | 44 | 1,109 | 22.7 | $(16.9-29.6)$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 82 | 1,772 | 36.4 | $(29.8-43.5)$ |
| 11th grade | 34 | 1,819 | 39.8 | $(29.3-50.7)$ |
| 12th grade | 14 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 21: Percent of high school students who have ever used an electronic vapor product (includes such products as e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods), Knox County Schools, Tennessee, U.S., 2019; Knox County Schools, 2022


Table 22: Percent of Knox County Schools high school students who used an electronic vapor product during the past 30 days (current vapor product user), 2022 (total responses $=559$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 99 | 3,287 | 18.0 | $(14.3-22.3)$ |
| Male | 37 | 1,386 | 14.4 | $(10.0-20.4)$ |
| Female | 57 | 1,898 | 20.7 | $(15.3-27.4)$ |
| Prefer not to answer | 5 | $*$ | $*$ | $*$ |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 66 | 2,494 | 19.0 | $(14.5-24.5)$ |
| Black (non-Hispanic) | 8 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 15 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 10 |  |  | $*$ |
| School Grade |  | 639 | 13.0 | $(8.7-18.9)$ |
| 9th grade | 26 | 942 | 19.4 | $(14.4-25.6)$ |
| 10th grade | 44 | $*$ | $*$ | $*$ |
| 11th grade | 19 |  | $*$ | $*$ |

## *Too unreliable to report

Figure 22: Percent of high school students who used an electronic vapor product during the past 30 days (current vapor product user), Knox County Schools, Tennessee, U.S., 2017, 2019; Knox County Schools, 2022; Healthy People 2030 Objective TU-05


Table 23: Percent of Knox County Schools high school students who used an electronic vapor product on school property during the past 30 days, 2022 (total responses $=557$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 54 | 1,703 | 9.0 | $(6.6-12.1)$ |
| Male | 20 | 753 | 7.9 | $(4.9-12.4)$ |
| Female | 30 | 827 | 9.5 | $(6.2-14.4)$ |
| Prefer not to answer | 4 | $*$ | $*$ | $*$ |

## Race/Ethnicity

White (non-Hispanic)
37
Black (non-Hispanic)
Hispanic (any race)
Other race/ethnicity
3
10
4
1,192
$*$

*     * 
*     * 

(6.3-13.1)
$*$
*
*

School Grade

| 9th grade | 14 | $*$ | $*$ | $*$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 23 | 501 | 10.3 | $(6.7-15.7)$ |
| 11th grade | 12 | $*$ | $*$ | $*$ |
| 12th grade | 5 | $*$ | $*$ | $*$ |

*Too unreliable to report

Figure 23: Percent of Knox County Schools high school students who used an electronic vapor product on school property during the past 30 days, 2019, 2022


Table 24: Among Knox County Schools high school students who currently use electronic vapor products, the usual way the electronic vapor products were obtained during the past 30 days in 2022: Percentages

|  | Yes Responses | Weighted Yes Responses | Percentage | 95\% Conf. Intervals |
| :---: | :---: | :---: | :---: | :---: |
| Got them from friend/family member or someone else | 60 | 1,780 | 56.1 | (44.1-68.2) |
| Bought them in a vape store or tobacco shop | 6 | * | * | * |
| Bought them in a convenience store, supermarket, discount store or gas station | 9 | * | * | * |
| Bought them at a mall, shopping center kiosk or stand | 0 | * | * | * |
| Bought them on the internet | 1 | * | * | * |
| Took them from a store or other person | 3 | * | * | * |
| Got them some other way | 20 | 660 | 20.8 | (11.0-30.6) |

*Too unreliable to report

Figure 24: Among Knox County Schools high school students who currently use electronic vapor products, the usual way the electronic vapor products were obtained during the past 30 days in 2022: Percentages


Table 25: Among Knox County Schools high school students who currently use electronic vapor products, the main reason they use the products in 2022: Percentages (total responses $=151$ )

|  | Yes Responses | Weighted Yes Responses | Percentage | 95\% Conf. Intervals |
| :---: | :---: | :---: | :---: | :---: |
| Friend or family member used them | 27 | 836 | 15.7 | (9.1-22.3) |
| To get a high or buzz from nicotine | 22 | 867 | 16.3 | (8.9-23.7 |
| Feeling anxious, stressed, or depressed | 38 | 1,166 | 21.9 | (13.9-29.9) |
| Curious about them | 55 | 1,825 | 34.3 | (25.1-43.4) |
| Less harmful than other tobacco products | 0 | * | * | * |
| Available in flavors (mint, candy, fruit, or chocolate) | 1 | * | * | * |
| Used them for other reason | 12 | * | * | * |

*Too unreliable to report

Figure 25: Among Knox County Schools high school students who currently use electronic vapor products, the top four reasons they use the products in 2022: Percentages


Table 26: Percent of Knox County Schools high school students who used an electronic vapor product to vape marijuana, including THC, THC concentrates, hash oil, or waxes within the past 30 days, 2022
(Total responses $=552$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 69 | 2,564 | 13.7 | $(10.4-17.8)$ |
| Male | 34 | 1,355 | 14.2 | $(9.7-20.3)$ |
| Female | 32 | 1,118 | 12.2 | $(8.0-18.3)$ |
| Prefer not to answer | 3 | $*$ | $*$ | $*$ |

Race/Ethnicity

| White (non-Hispanic) | 46 | 1,850 | 14.2 | $(10.2-19.5)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 5 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 12 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 6 | $*$ | $*$ | $*$ |

School Grade

| 9th grade | 13 | $*$ | $*$ | $*$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 30 | 705 | 14.5 | $(9.9-20.7)$ |
| 11th grade | 17 | $*$ | $*$ | $*$ |
| 12th grade | 9 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 26: Percent of Knox County Schools high school students who used an electronic vapor product to vape marijuana, including THC, THC concentrates, hash oil, or waxes within the past 30 days by gender, 2022


Table 27: Among Knox County Schools high school students who use tobacco products, those who tried to quit using all tobacco products during the past 12 months in 2022: Percentages (total responses $=112$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 64 | 2,109 | 55.0 | $(43.4-66.0)$ |
| Male | 20 | 835 | 50.8 | $(33.0-68.3)$ |
| Female | 41 | 1,181 | 57.4 | $(41.8-71.7)$ |
| Prefer not to answer | 3 | $*$ | $*$ | $*$ |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 49 | 1,794 | 62.4 | $(49.3-73.9)$ |
| Black (non-Hispanic) | 2 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 10 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 3 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade | 17 | $*$ | $*$ | $*$ |
| 9th grade | 29 | 600 | 42.8 | $(24.9-62.7)$ |
| 10th grade | $*$ | $*$ | $*$ | $*$ |
| 11th grade | 6 |  | $*$ | $*$ |

*Too unreliable to report

Figure 27: Among high school students who use tobacco products, those who tried to quit using all tobacco products during the past 12 months in 2022: Percentages, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 28: Percent of Knox County Schools high school students who used some form of tobacco products including electronic vapor products, cigarettes, cigars, little cigars, cigarillos, or smokeless tobacco during the past 30 days, 2022 (total responses = 566)

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 120 | 3,888 | 20.3 | $(16.6-24.7)$ |
| Male | 48 | 1,676 | 17.2 | $(12.5-23.2)$ |
| Female | 65 | 1,952 | 22.4 | $(16.8-29.0)$ |
| Prefer not to answer | 7 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity | 78 | 2,792 | 21.2 | $(16.5-26.7)$ |
| White (non-Hispanic) | 8 | $*$ | $*$ | $*$ |
| Black (non-Hispanic) | 20 | 397 | 22.7 | $(14.3-34.0)$ |
| Hispanic (any race) | 14 | $*$ | $*$ | $*$ |

School Grade

| 9th grade | 35 | 836 | 16.9 | $(11.9-23.1)$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 52 | 1,089 | 22.2 | $(16.8-28.6)$ |
| 11th grade | 21 | 1,123 | 24.8 | $(16.6-35.4)$ |
| 12th grade | 12 | $*$ | $*$ | $*$ |

## *Too unreliable to report

Figure 28: Percent of high school students who used some form of tobacco products including electronic vapor products, cigarettes, cigars, little cigars, cigarillos, or smokeless tobacco during the past 30 days, Knox County Schools, Tennessee, U.S., 2017, 2019; Knox County Schools, 2022; Healthy People 2020: Objective TU-2.3; Healthy People 2030 Objective: TU-04


Table 29: Percent of Knox County Schools high school students who drank alcohol during the past 30 days, 2022
(total responses $=560$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage <br> Intervals |  |
| :--- | :---: | :---: | :---: | :---: |
| Total | 103 | 3,543 | 18.7 | $(15.0-23.1)$ |
| Male | 40 | 1,437 | 14.8 | $(10.4-20.6)$ |
| Female | 54 | 1,872 | 21.7 | $(15.9-28.7)$ |
| Prefer not to answer | 9 | $*$ | $*$ | $*$ |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 71 | 2,706 | 20.7 | $(16.0-26.4)$ |
| Black (non-Hispanic) | 5 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 17 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 10 | $*$ | $*$ | $*$ |
| School Grade |  |  |  |  |
| 9th grade | 16 | $*$ | $*$ | $*$ |
| 10th grade | 53 | 1,158 | 23.6 | $(18.2-30.1)$ |
| 11th grade | 24 | 1,186 | 26.0 | $(17.8-36.3)$ |
| 12th grade | 9 | $*$ | $*$ | $*$ |

*Too unreliable to report

Figure 29: Percent of high school students who drank alcohol during the past 30 days, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools 2022; Healthy People 2030 Objective SU-04


Table 30: Percent of Knox County Schools high school students who binge drank alcohol (4 or more drinks in a row if female, or 5 or more drinks in a row if male, all within a couple of hours) during the past 30 days, 2022
(total responses $=555$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 57 | 1,628 | 8.7 | $(6.4-11.7)$ |
| Male | 22 | 635 | 6.6 | $(4.2-10.2)$ |
| Female | 30 | 915 | 10.1 | $(6.5-15.5)$ |
| Prefer not to answer | 5 | $*$ | $*$ | $*$ |

Race/Ethnicity

| White (non-Hispanic) | 34 | 1,103 | 8.4 |
| :--- | :---: | :---: | :---: |
| Black (non-Hispanic) | 4 | $*$ | $*$ |
| Hispanic (any race) | 12 | $*$ | $*$ |
| Other race/ethnicity | 7 | $*$ | $*$ |

* 
* 
* 

School Grade

| 9th grade | 12 | $*$ | $*$ | $*$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 34 | 743 | 15.3 | $(10.8-21.1)$ |
| 11th grade | 6 | $*$ | $*$ | $*$ |
| 12th grade | 5 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 30: Percent of high school students who binge drank alcohol (4 or more drinks in a row if female, or 5 or more drinks in a row if male, all within a couple of hours) during the past 30 days, Knox County Schools, Tennessee, U.S., 2017, 2019; Knox County Schools, 2022; Healthy People 2020 Objective SA-14; Healthy People 2030 Objective SU-09


Table 31: Among Knox County Schools high school students who currently drink alcohol, the method they usually obtained the alcohol they drank during the past 30 days in 2022: Percentages (total responses $=107$ )
$\left.\begin{array}{lcccc} & \begin{array}{c}\text { Yes } \\ \text { Responses }\end{array} & \begin{array}{c}\text { Weighted Yes } \\ \text { Responses }\end{array} & \text { Percentage }\end{array} \begin{array}{c}\text { 95\% Conf. } \\ \text { Intervals }\end{array}\right]$ *
*Too unreliable to report

Figure 31: Among Knox County Schools high school students who currently drink alcohol, the top three methods they usually obtained the alcohol they drank during the past 30 days in 2022: Percentages


Table 32: Percent of Knox County Schools high school students who have ever used marijuana, 2022
(total responses $=561$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 129 | 4,624 | 24.4 | $(20.0-29.3)$ |
| Male | 52 | 2,169 | 22.4 | $(16.3-39.8)$ |
| Female | 70 | 2,188 | 25.3 | $(19.3-32.4)$ |
| Prefer not to answer | 7 | $*$ | $*$ | $*$ |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 85 | 3,308 | 25.3 | $(20.1-31.4)$ |
| Black (non-Hispanic) | 12 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 20 | 349 | 24.1 | $(12.5-41.3)$ |
| Other race/ethnicity | 12 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade |  | 569 | 11.6 | $(7.6-17.2)$ |
| 9th grade | 25 | 1,438 | 29.3 | $(23.3-36.4)$ |
| 1Oth grade | 65 | 1,315 | 28.8 | $(19.4-38.9)$ |
| 11th grade | 25 | $*$ | $*$ |  |

*Too unreliable to report

Figure 32: Percent of high school students who have ever used marijuana, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 33: Percent of Knox County Schools high school students who used marijuana before the age of 13 years, 2022
(total responses $=558$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf, <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 32 | 82 | 5.2 | $(3.4-7.7)$ |
| Male | 11 | $*$ | $*$ | $*$ |
| Female | 18 | $*$ | $*$ | $*$ |
| Prefer not to answer | 3 | $*$ | $*$ | $*$ |

## Race/Ethnicity

| White (non-Hispanic) | 21 | 643 | 4.9 | $(3.0-8.0)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 3 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 2 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 6 | $*$ | $*$ | $*$ |
| School Grade |  |  |  |  |
| 9th grade | 10 | $*$ | $*$ | $*$ |
| 10th grade | 5 | $*$ | $*$ | $*$ |
| 11th grade | 1 | $*$ | $*$ | $*$ |
| 12th grade |  |  |  |  |

*Too unreliable to report

Figure 33: Percent of high school students who used marijuana before the age of 13 years, Knox County Schools, Tennessee, U.S., 2019, Knox County Schools, 2022


Table 34: Percent of Knox County Schools high school students who used marijuana during the past 30 days, 2022
(total responses $=556$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 74 | 2,891 | 15.3 | $(11.7-19.9)$ |
| Male | 34 | 1,490 | 15.5 | $(10.3-22.6)$ |
| Female | 36 | 1,224 | 14.2 | $(9.7-20.5)$ |
| No answer | 4 | $*$ | $*$ | $*$ |

Race/Ethnicity

| White (non-Hispanic) | 50 | 2,026 | 15.5 | $(11.4-20.9)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 6 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 13 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 5 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade | 12 | $*$ | $*$ | $*$ |
| 9th grade | 34 | 761 | 15.6 | $(11.1-21.5)$ |
| 10th grade | 19 | $*$ | $*$ | $*$ |
| 11th grade | 9 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 34: Percent of high school students who used marijuana during the past 30 days, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022; Healthy People 2030 Objective SU-06


Table 35: Percent of Knox County Schools high school students who have used synthetic marijuana (Spice, fake weed, K-2, or Black Mamba), 2022 (total responses $=554$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 38 | 1,277 | 6.8 | $(4.6-9.9)$ |
| Male | 12 | $*$ | $*$ | $*$ |
| Female | 24 | 707 | 8.3 | $(5.1-13.1)$ |
| Prefer not to answer | 2 |  |  |  |

## Race/Ethnicity

| White (non-Hispanic) | 29 | 1,051 | 8.1 | $(5.2-12.4)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 2 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 7 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 0 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade | 9 | $*$ | $*$ | $*$ |
| 9th grade | 17 | $*$ | $*$ | $*$ |
| 10th grade | 7 | $*$ | $*$ | $*$ |
| 11th grade | 5 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 35: Percent of high school students who have used synthetic marijuana (Spice, fake weed, K2, or Black Mamba), Knox County Schools, Tennessee, U.S., 2017, 2019; Knox County Schools, 2022


Table 36: Percent of Knox County Schools high school students who have sniffed glue, breathed the contents of aerosols, or inhaled paints and sprays to get high, 2022 (total responses $=557$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf, <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 43 | 1,384 | 7.3 | $(5.1-10.5)$ |
| Male | 21 | 823 | 8.5 | $(5.1-13.8)$ |
| Female | 15 | $*$ | $*$ | $*$ |
| Prefer to not answer | 7 | $*$ | $*$ | $*$ |

## Race/Ethnicity

White (non-Hispanic)
Hispanic (any race)
Other race/ethnicity
27
3
6
7

| 997 | 7.7 |
| :---: | :---: |
| $*$ | $*$ |
| $*$ | $*$ |
| $*$ | $*$ |

(4.9-11.8)
*
*
*

## School Grade

9th grade

10th grade
11th grade
12th grade

14

| $*$ | $*$ | $*$ |
| :--- | :--- | :--- |
| $*$ | $*$ | $*$ |
| $*$ | $*$ | $*$ |
| $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 36: Percent of high school students who have sniffed glue, breathed the contents of aerosols, or inhaled paints and sprays to get high, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 37: Percent of Knox County Schools high school students reporting they had taken steroid shots or pills without a doctor's prescription, 2022
(total responses $=554$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | Intervals <br> In |
| :--- | :---: | :---: | :---: | :---: |
| Total | 20 | 673 | 3.6 | $(2.0-6.2)$ |
| Male | 9 | $*$ | $*$ | $*$ |
| Female | 9 | $*$ | $*$ | $*$ |
| Prefer not to answer | 2 | $*$ | $*$ | $*$ |
| Race/Ethnicity |  |  |  | $*$ |
| White (non-Hispanic) | 9 | $*$ | $*$ | $*$ |
| Black (non-Hispanic) | 1 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 6 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 4 | $*$ | $*$ | $*$ |
| School Grade |  | $*$ | $*$ | $*$ |
| 9th grade | 7 | $*$ | $*$ | $*$ |
| 10th grade | 7 |  | $*$ | $*$ |
| 11th grade | 3 |  | $*$ | $*$ |

*Too unreliable to report

Figure 37: Percent of high school students reporting they had taken steroid shots or pills without a doctor's prescription, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Tennessee, U.S., 2017; Knox County Schools, Tennessee, U.S., 2019; Knox County Schools, 2022

*Too unreliable to report for Knox County Schools in 2017

Table 38: Percent of Knox County Schools high school students who were offered, sold, or given illegal drugs on school property during the past 12 months, 2022 (total responses $=549$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 152 | 4,964 | 27.3 | $(22.8-32.2)$ |
| Male | 61 | 2,335 | 24.3 | $(18.4-31.4)$ |
| Female | 80 | 2,473 | 29.3 | $(22.8-36.8)$ |
| Prefer not to answer | 11 | $*$ | $*$ | $*$ |

Race/Ethnicity

| White (non-Hispanic) | 95 | 3,382 | 26.1 | $(20.8-32.1)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 15 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 23 | 496 | 29.5 | $(19.6-41.9)$ |
| Other race/ethnicity | 19 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade |  |  |  |  |
| 9th grade | 53 | 1,275 | 27.0 | $(20.9-34.1)$ |
| 10th grade | 60 | 1,322 | 27.7 | $(21.7-34.6)$ |
| 11th grade | 24 | 1,259 | 27.6 | $(18.8-38.5)$ |
| 12th grade | 15 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 38: Percent of high school students who were offered, sold, or given illegal drugs on school property during the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 39: Percent of Knox County Schools high school students reporting they have taken a prescription drug (Oxycontin, Percocet, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription, 2022
(total responses $=550$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 58 | 1,676 | 9.0 | $(6.6-12.0)$ |
| Male | 19 | $*$ | $*$ | $*$ |
| Female | 32 | 815 | 9.6 | $(6.3-14.4)$ |
| Prefer not to answer | 7 | $*$ | $*$ | $*$ |

## Race/Ethnicity

White (non-Hispanic)
Black (non-Hispanic)
Hispanic (any race)
Other race/ethnicity

| 41 | 1,229 |
| :---: | :---: |
| 3 | $*$ |
| 6 | $*$ |
| 8 | $*$ |

9.5
$*$
$*$
$*$
(6.7-13.2)
$*$
$*$
$*$

School Grade

| 9th grade | 13 |
| :--- | :---: |
| 10th grade | 33 |
| 11th grade | 10 |
| 12th grade | 2 |

* Too unreliable to report

Figure 39: Percent of high school students reporting they have taken a prescription drug (Oxycontin, Percocet, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription, Knox County Schools, Tennessee, U.S., 2017, 2019; Knox County Schools, 2022


Table 40: Percent of Knox County Schools high school students who have taken a prescription drug (Oxycontin, Percocet, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription during the past 30 days, 2022
(total responses $=548$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 22 | 545 | 2.9 | $(1.8-4.6)$ |
| Male | 8 | $*$ | $*$ | $*$ |
| Female | 11 | $*$ | $*$ | $*$ |
| Prefer not to answer | 3 | $*$ | $*$ | $*$ |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 12 | $*$ | $*$ | $*$ |
| Black (non-Hispanic) | 1 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 2 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 4 | $*$ | $*$ | $*$ |
|  |  |  |  | $*$ |
| School Grade | 5 | $*$ | $*$ | $*$ |
| 9th grade | 12 | $*$ | $*$ | $*$ |
| 10th grade | 2 | $*$ | $*$ | $*$ |
| 11th grade | 0 | $*$ | $*$ | $*$ |
| 12th grade |  |  |  |  |

*Too unreliable to report
Figure 40: Percent of high school students who have taken a prescription drug (Oxycontin, Percocet, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription during the past 30 days, Knox County Schools, U.S., 2019; Knox County Schools, 2022; Healthy People 2030 Objective SU-12


Table 41: Percent of Knox County Schools high school students who used any form of illicit drug including THC vapor products, marijuana, cocaine, heroin, methamphetamines, or took prescription pain medication without a prescription, during the past 30 days, 2022


|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 87 | 3,235 | 16.9 | $(14.2-21.4)$ |
| Male | 40 | 1,701 | 17.4 | $(12.1-24.5)$ |
| Female | 42 | 1,338 | 15.3 | $(10.6-21.5)$ |
| Prefer not to answer | 5 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity | 56 | 2,160 | 16.4 | $(12.2-21.7)$ |
| White (non-Hispanic) | $*$ | $*$ | $*$ | $*$ |
| Black (non-Hispanic) | 8 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 16 |  | $*$ | $*$ |
| Other race/ethnicity | 7 |  |  |  |

School Grade

| 9th grade | 18 | $*$ | $*$ | $*$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 38 | 873 | 17.7 | $(12.8-24.0)$ |
| 11th grade | 20 | 1,063 | 23.0 | $(15.2-33.4)$ |
| 12th grade | 11 | $*$ | $*$ | $*$ |

## *Too unreliable to report

Figure 41: Percent of Knox County Schools high school students who used any form of illicit drug including THC vapor products, marijuana, cocaine, heroin, methamphetamines, or took prescription pain medication without a prescription, during the past 30 days, 2022; Healthy People 2030 Objective SU-05


Table 42: Percent of Knox County Schools high school students who describe themselves as slightly overweight or overweight, 2022
(total responses $=546$ )

|  | Yes <br> Responses <br> Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |  |
| :--- | :---: | :---: | :---: | :---: |
| Total | 191 | 6,306 | 33.8 | $(29.0-39.0)$ |
| Male | 87 | 3,195 | 33.4 | $(26.6-41.0)$ |
| Female | 94 | 2,896 | 34.2 | $(27.3-41.6)$ |
| Prefer not to answer | 10 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 117 | 4,114 | 31.9 | $(26.2-38.1)$ |
| Black (non-Hispanic) | 17 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 35 | 812 | 48.0 | $(35.9-60.4)$ |
| Other race/ethnicity | 22 | 420 | 40.0 | $(26.7-55.0)$ |

School Grade

| 9th grade | 69 | 1,693 | 36.0 | $(29.2-43.5)$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 74 | 1,634 | 34.3 | $(27.8-41.4)$ |
| 11th grade | 30 | 1,512 | 33.1 | $(23.8-44.1)$ |
| 12th grade | 18 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 42: Percent of high school students who describe themselves as slightly overweight or overweight, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 43: Percent of Knox County Schools high school students who are trying to lose weight, 2022 (total responses = 547)

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 264 | 8,778 | 46.9 | $(41.6-52.3)$ |
| Male | 89 | 3,543 | 36.9 | $(29.6-44.9)$ |
| Female | 166 | 5,371 | 59.1 | $(51.5-66.2)$ |
| Prefer not to answer | 9 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 167 | 5,775 | 44.5 | $(38.3-51.0)$ |
| Black (non-Hispanic) | 25 | 1,482 | 49.7 | $(33.5-65.9)$ |
| Hispanic (any race) | 44 | 941 | 55.6 | $(43.1-67.5)$ |
| Other race/ethnicity | 28 | 578 | 55.9 | $(41.3-69.6)$ |

School Grade

| 9th grade | 97 | 2,402 | 49.4 | $(42.0-56.7)$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 101 | 2,064 | 43.1 | $(36.3-50.3)$ |
| 11th grade | 42 | 2,127 | 46.6 | $(36.0-57.6)$ |
| 12th grade | 24 | 2,261 | 48.8 | $(33.8-63.9)$ |

*Too unreliable to report

Figure 43: Percent of high school students who are trying to lose weight, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 44: Percent of Knox County Schools high school students who were physically active for at least 60 minutes every day for the past seven days, 2022
(total responses $=549$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 115 | 3,863 | 20.7 | $(16.6-25.3)$ |
| Male | 65 | 2,599 | 27.3 | $(20.7-34.9)$ |
| Female | 46 | 1,166 | 13.7 | $(9.8-18.9)$ |
| Prefer not to answer | 4 | $*$ | $*$ | $*$ |

## Race/Ethnicity

| White (non-Hispanic) | 81 | 2,579 | 19.9 | $(15.5-25.1)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 13 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 12 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 9 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade | 41 | 999 | 21.0 | $(15.6-27.7)$ |
| 9th grade | 53 | 1,345 | 28.1 | $(21.9-35.3)$ |
| 10th grade | 16 | $*$ | $*$ | $*$ |
| 11th grade | 5 | $*$ | $*$ | $*$ |

## *Too unreliable to report

Figure 44: Percent of high school students who were physically active for at least 60 minutes every day for the past seven days, Knox County Schools, Tennessee, U.S., 2013, 2017, 2019; Knox County Schools, 2022; Healthy People 2020 Objective: PA-3.1; Healthy People 2030 Objective PA-06


Table 45: Percent of Knox County Schools high school students who did not participate in physical activity lasting at least 60 minutes during the past seven days, 2022

|  | Yes Responses | Weighted Yes Responses | Percentage | 95\% Conf. Intervals |
| :---: | :---: | :---: | :---: | :---: |
| Total | 78 | 2,784 | 14.9 | (11.4-19.2) |
| Male | 29 | 1,158 | 12.1 | (7.9-18.3) |
| Female | 46 | 1,568 | 18.4 | (13.0-25.4) |
| Prefer not to answer | 3 | * | * | * |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 44 | 1,716 | 13.3 | (9.3-18.5) |
| Black (non-Hispanic) | 11 | * | * | * |
| Hispanic (any race) | 13 | * | * | * |
| Other race/ethnicity | 10 | * | * | * |
| School Grade |  |  |  |  |
| 9th grade | 27 | 690 | 14.5 | (9.9-20.8) |
| 10th grade | 28 | 597 | 12.5 | (8.4-18.1) |
| 11th grade | 16 | * | * | * |
| 12th grade | 7 | * | * | * |

*Too unreliable to report

Figure 45: Percent of high school students who did not participate in physical activity lasting at least 60 minutes during the past seven days, Knox County Schools, Tennessee, U.S., 2011, 2013, 2017, 2019; Knox County Schools, 2022


Table 46: Estimated number of hours in front of screens such as TVs, computers, smart phones, or other electronic devices to watch shows, play games, or access the internet or social media on an average school day (excluding time spent in schoolwork) reported by Knox County Schools high school students in 2022: Percentages.

| (total responses $=549$ ) | Yes | Weighted Yes |  | 95\% Conf. |
| :--- | :---: | :---: | :---: | :---: |
|  | Responses <br> Responses | Percentage | Intervals |  |
| Less than 1 hour per day | 21 | 543 | 2.9 | $(1.6-4.4)$ |
| 1 hour per day | 22 | 680 | 3.6 | $(1.7-5.6)$ |
| 2 hours per day | 76 | 2,479 | 13.3 | $(9.6-16.9)$ |
| 3 hours per day | 117 | 3,917 | 21.0 | $(16.6-25.3)$ |
| 4 hours per day | 96 | 3,497 | 18.7 | $(14.4-23.0)$ |
| 5 or more hours per day | 217 | 7,574 | 49.5 | $(35.2-45.8)$ |

Figure 46: Estimated number of hours in front of screens such as TVs, computers, smart phones, or other electronic devices to watch shows, play games or access the internet or social media on an average school day (excluding time spent in schoolwork) reported by Knox County Schools high school students in 2022: Percentages.


Table 47: Percent of Knox County Schools high school students who reported they spend three or more hours in front of screens such as TVs, computers, smart phones, or other electronic devices to watch shows, play games, or access the internet or social media on an average school day (excluding time spent in schoolwork), 2022
(total responses $=549$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 430 | 14,989 | 80.2 | $(75.7-84.0)$ |
| Male | 185 | 7,269 | 76.3 | $(68.9-82.4)$ |
| Female | 226 | 7,231 | 84.8 | $(79.8-88.9)$ |
| Prefer not to answer | 19 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 288 | 10,575 | 81.8 | $(76.8-86.0)$ |
| Black (non-Hispanic) | 39 | 2,335 | 78.3 | $(60.8-89.3)$ |
| Hispanic (any race) | 57 | 1,245 | 73.4 | $(60.9-83.0)$ |
| Other race/ethnicity | 45 | 810 | 76.1 | $(60.8-86.8)$ |

School Grade

| 9th grade | 143 | 3,474 | 73.4 | $(66.5-79.3)$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 172 | 3,770 | 78.8 | $(72.1-84.3)$ |
| 11th grade | 72 | 444 | 83.5 | $(74.2-89.9)$ |
| 12th grade | 43 | 3,936 | 85.4 | $(69.6-93.7)$ |

*Too unreliable to report

Figure 47: Percent of Knox County Schools high school students who reported they spend three or more hours in front of screens such as TVs, computers, smart phones, or other electronic devices to watch shows, play games, or access the internet or social media on an average school day (excluding time spent in schoolwork) by gender, 2022


Table 48. Percent of Knox County Schools high school students who suffered one or more concussions from physical activity/sports during the past 12 months, 2022 (total responses $=546$ )

|  | Weighted Yes <br>  <br>  <br> Yes Responses <br> Responses |  |  | Percentage |
| :--- | :---: | :---: | :---: | :---: | | $95 \%$ Conf. |
| :---: |
| Intervals |

## Race/Ethnicity

| White (non-Hispanic) | 59 | 1,789 | 13.9 | $(10.2-18.7)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 6 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 5 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 8 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade | 28 | 601 | 12.8 | $(8.8-18.2)$ |
| 9th grade | 38 | 950 | 19.8 | $(14.6-26.3)$ |
| 10th grade | 6 | $*$ | $*$ | $*$ |
| 11th grade | 6 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 48: Percent of high school students who suffered one or more concussions from physical activity/sports during the past 12 months, Knox County Schools, Tennessee, U.S., 2017, 2019; Knox County Schools, 2022


Table 49: Responses to the question "During the COVID-19 pandemic, how often was your mental health not good (poor mental health includes stress, anxiety, and depression)" among Knox County Schools high school students in 2022: Percentages

| (total responses = 549) | Yes | Weighted Yes |  | 95\% Conf. <br> Responses |
| :--- | :---: | :---: | :---: | :---: |
| Responses |  |  |  |  | Percentage | Intervals |
| :---: |

Figure 49: Responses to the question "During the COVID-19 pandemic, how often was your mental health not good (poor mental health includes stress, anxiety, and depression)" among Knox County Schools high school students in 2022: Percentages


Table 50: Percent of Knox County Schools high school students who responded their mental health was not good "most of the time" or "always" during the COVID-19 pandemic, 2022 (total responses $=549$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 178 | 6,007 | 32.2 | $(26.7-36.9)$ |
| Male | 45 | 2,104 | 22.1 | $(15.9-29.9)$ |
| Female | 117 | 3,543 | 41.7 | $(31.4-77.2)$ |
| Prefer not to answer | 16 | $*$ | $*$ | $*$ |

## Race/Ethnicity

| White (non-Hispanic) | 126 | 4,508 | 35.0 | $(29.1-41.5)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 12 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 19 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 21 | 379 | 35.1 | $(22.7-49.8)$ |

School Grade

| 9th grade | 54 | 1,215 | 25.6 | $(19.8-32.4)$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 72 | 1,411 | 29.4 | $(23.6-36.0)$ |
| 11th grade | 36 | 1,872 | 41.5 | $(31.2-52.6)$ |
| 12th grade | 16 | $*$ | $*$ | $*$ |

## *Too unreliable to report

Figure 50: Percent of high school students who responded their mental health was not good "most of the time" or "always" during the COVID-19 pandemic, Knox County Schools, 2022; ABES, 2021


Table 51: Percent of Knox County Schools high school students who responded a parent or other adult in their home lost their job (even for a short time) during the COVID-19 pandemic, 2022 (total responses $=547$ )

| - | Yes Responses | Weighted Yes Responses | Percentage | 95\% Conf. Intervals |
| :---: | :---: | :---: | :---: | :---: |
| Total | 116 | 3,911 | 21.0 | (17.0-25.7) |
| Male | 52 | 1,912 | 20.2 | (14.7-27.1) |
| Female | 56 | 1,806 | 21.2 | (15.5-28.3) |
| Prefer to not answer | 8 | * | * | * |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 73 | 2,731 | 21.2 | (16.3-27.2) |
| Black (non-Hispanic) | 16 | * | * | * |
| Hispanic (any race) | 19 | * | * | * |
| Other race/ethnicity | 8 | * | * | * |

School Grade

| 9th grade | 40 | 989 | 20.9 | $(15.5-27.6)$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 53 | 1,247 | 26.1 | $(20.2-33.1)$ |
| 11th grade | 12 | $*$ | $*$ | $*$ |
| 12th grade | 11 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 51: Percent of high school students who responded a parent or other adult in their home lost their job (even for a short time) during the COVID-19 pandemic, Knox County Schools, 2022; ABES, 2021


Table 52: Responses to the question, "During the COVID-19 pandemic, how often did you go hungry because there was not enough food in your home?" among Knox County Schools high school students in 2022: Percentages (total responses $=524$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Never | 429 | 14,567 | 78.1 | $(74.8-83.7)$ |
| Rarely | 78 | 2,681 | 14.4 | $(10.4-18.1)$ |
| Sometimes | 24 | 844 | 4.2 | $(1.9-6.2)$ |
| Most of the time | 12 | $*$ | $*$ | $*$ |
| Always | 5 | $*$ | $*$ | $*$ |

*Too unreliable to report

Figure 52: Responses to the question, "During the COVID-19 pandemic, how often did you go hungry because there was not enough food in your home?" among Knox County Schools high school students in 2022: Percentages

*Too unreliable to report

Table 53: Responses to the question, "Do you agree or disagree that you drank more alcohol during the COVID-19 pandemic than before it started?" among Knox County Schools high school students in 2022: Percentages
(total responses $=545$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Strongly agree | 40 | 1,108 | 6.0 | $(3.8-8.1)$ |
| Agree | 27 | 1,008 | 5.4 | $(3.1-7.7)$ |
| Not Sure | 50 | 1,559 | 8.4 | $(5.8-11.0)$ |
| Disagree | 51 | 1,876 | 10.1 | $(6.7-13.5)$ |
| Strongly disagree | 377 | 13,015 | 70.1 | $(65.3-74.9)$ |

Figure 53: Responses to the question, "Do you agree or disagree that you drank more alcohol during the COVID-19 pandemic than before it started?" among Knox County Schools high school students in 2022: Percentages


Table 54: Percent of Knox County Schools high school students who responded they "agree" or "strongly agree" they drank more alcohol during the COVID-19 pandemic than before it started, 2022 (total responses $=545$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 67 | 2,115 | 11.4 | $(8.7-14.8)$ |
| Male | 30 | 1,017 | 10.8 | $(7.3-15.6)$ |
| Female | 34 | 1,006 | 11.9 | $(7.9-17.5)$ |
| Prefer not to answer | 3 | $*$ | $*$ | $*$ |

## Race/Ethnicity

| White (non-Hispanic) | 50 | 1,564 | 12.1 | $(8.9-16.4)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 7 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 6 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 4 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade |  |  |  |  |
| 9th grade | 21 | 546 | 11.5 | $(7.4-17.6)$ |
| 10th grade | 32 | 751 | 13.2 | $(7.3-22.5)$ |
| 11th grade | 10 | $*$ | $*$ | $*$ |
| 12th grade | 4 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 54: Percent of high school students who reported they "agree" or "strongly agree" they drank more alcohol during the COVID-19 pandemic than before it started, Knox County Schools, 2022; ABES, 2021


Table 55: Responses to the question, "Do you agree or disagree that you used drugs more during the COVID-19 pandemic than before it started? (Count using marijuana, synthetic marijuana, cocaine, prescription pain medication without a doctor's prescription, and other illegal drugs)" among Knox County Schools high school students in 2022: Percentages (total responses $=541$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Strongly agree | 37 | 1,255 | 6.8 | $(4.1-9.6)$ |
| Agree | 33 | 1,170 | 6.4 | $(3.8-8.9)$ |
| Not Sure | 39 | 1,492 | 8.1 | $(5.4-10.7)$ |
| Disagree | 42 | 1,445 | 7.8 | $(4.8-10.9)$ |
| Strongly disagree | 383 | 13,071 | 79.9 | $(66.1-75.8)$ |

Figure 55: Responses to the question, "Do you agree or disagree that you used drugs more during the COVID-19 pandemic than before it started? (Count using marijuana, synthetic marijuana, cocaine, prescription pain medication without a doctor's prescription, and other illegal drugs)" among Knox County Schools high school students in 2022: Percentages


Table 56: Percent of Knox County Schools high school students who responded they "agree" or "strongly agree" that they used drugs (marijuana, synthetic marijuana, cocaine, prescription drug medication without a doctor's prescription, and other illegal drugs) more during the COVID-19 pandemic than before it started, 2022
(total responses $=551$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 70 | 2,425 | 13.2 | $(10.0-17.2)$ |
| Male | 34 | 1,334 | 14.1 | $(9.5-20.5)$ |
| Female | 36 | 1,092 | 13.0 | $(8.8-18.8)$ |
| Prefer not to answer | 0 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity |  | 1,794 | 14.0 | $(10.0-19.2)$ |
| White (non-Hispanic) | 48 | $*$ | $*$ | $*$ |
| Black (non-Hispanic) | 7 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 8 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 7 |  |  |  |

School Grade

| 9th grade | 20 | 506 | 10.9 | $(6.9-16.7)$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 31 | 711 | 14.4 | $(8.2-23.9)$ |
| 11th grade | 12 | $*$ | $*$ | $*$ |
| 12th grade | 7 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 56: Percent of high school students who reported they "agree" or "strongly agree" that they used drugs (marijuana, synthetic marijuana, cocaine, prescription drug medication without a doctor's prescription, and other illegal drugs) more during the COVID-19 pandemic than before it started, Knox County Schools, 2022; ABES, 2021


Table 57: Percent of Knox County Schools high school students who received medical care from a doctor or nurse by using a computer, phone, or other device (also called telemedicine) during the COVID-19 pandemic, 2022
(total responses $=542$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 135 | 5,132 | 27.9 | $(23.2-33.1)$ |
| Male | 51 | 2,165 | 22.9 | $(16.8-30.3)$ |
| Female | 78 | 2,711 | 32.7 | $(25.7-40.5)$ |
| Prefer not to answer | 6 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 106 | 4,190 | 32.9 | $(27.0-39.5)$ |
| Black (non-Hispanic) | 8 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 13 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 8 | $*$ | $*$ | $*$ |

School Grade

| 9th grade | 45 | 1,093 | 23.6 | $(17.8-30.5)$ |
| :--- | :---: | :---: | :---: | :---: |
| 10th grade | 46 | 1,052 | 22.1 | $(16.7-27.6)$ |
| 11th grade | 27 | 1,369 | 30.2 | $(21.3-41.2)$ |
| 12th grade | 17 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 57: Percent of high school students who received medical care from a doctor or nurse by using a computer, phone, or other device (also called telemedicine) during the COVID-19 pandemic, Knox County Schools, 2022; ABES, 2021


Table 58: Percent of Knox County Schools high school students who received mental health treatment, including treatment for alcohol or drugs, using a computer, phone, or other device (also called telemedicine) during the COVID-19 pandemic, 2022
(total responses $=541$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 74 | 3,007 | 16.4 | $(12.5-21.1)$ |
| Male | 24 | 1,149 | 12.1 | $(7.5-19.0)$ |
| Female | 44 | 1,608 | 19.5 | $(13.8-26.7)$ |
| Prefer not to answer | 6 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 52 | 2,315 | 18.2 | $(13.3-24.4)$ |
| Black (non-Hispanic) | 6 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 9 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 7 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade |  |  |  |  |
| 9th grade | 25 | 582 | 12.5 | $(8.4-18.3)$ |
| 10th grade | 22 | 500 | 10.6 | $(6.8-16.1)$ |
| 11th grade | 13 | $*$ | $*$ | $*$ |
| 12th grade | 14 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 58: Percent of high school students who received mental health treatment, including treatment for alcohol or drugs, using a computer, phone, or other device (also called telemedicine), Knox County Schools, 2022; ABES, 2021


Table 59: Responses to the question, "During the COVID-19 pandemic, how often were you able to spend more time with family, friends, or other groups, such as clubs, or religious groups, by using a computer, phone, or other device? (Do not count attending school online.)" among Knox County Schools high school students in 2022: Percentages

| (total responses =538) | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Never | 62 | 2,023 | 11.1 | $(7.6-14.5)$ |
| Rarely | 92 | 3,409 | 18.6 | $(14.3-23.0)$ |
| Sometimes | 171 | 5,658 | 30.9 | $(25.9-35.9)$ |
| Most of the time | 146 | 4,800 | 26.2 | $(21.7-30.8)$ |
| Always | 67 | 2,409 | 13.2 | $(9.2-17.1)$ |

Figure 59: Responses to the question, "During the COVID-19 pandemic, how often were you able to spend more time with family, friends, or other groups, such as clubs, or religious groups, by using a computer, phone, or other device? (Do not count attending school online.)" among Knox County Schools high school students in 2022: Percentages


Table 60: Percent of Knox County Schools high school students who responded they were "rarely" or "never' able to spend more time with family, friends, or other groups such as clubs or religious groups, by using a computer, phone, or other device (excluding attending school online) during the pandemic, 2022
(total responses $=538$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Confidence <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 154 | 5,431 | 29.7 | $(24.9-35.0)$ |
| Male | 75 | 3,044 | 32.3 | $(25.3-40.3)$ |
| Female | 67 | 2,017 | 24.5 | $(18.4-31.8)$ |
| No answer | 12 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 99 | 3,787 | 29.9 | $(25.0-36.4)$ |
| Black (non-Hispanic) | 12 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 27 | 587 | 34.9 | $(24.2-47.5)$ |
| Other race/ethnicity | 16 | $*$ | $*$ | $*$ |

School Grade

9th grade
10th grade
11th grade
12th grade

52
61
23
18

1,224 27.1
1,360 28.6
1,267 28.1
*
(21.1-34.2)
(22.5-35.5)
(19.0-39.4)
*
*Too unreliable to report

Figure 60: Percent of high school students who responded they were "rarely" or "never" able to spend more time with family, friends, or other groups such as clubs or religious groups, by using a computer, phone, or other device (excluding attending school online) during the pandemic, Knox County Schools, 2021; ABES, 2021


Table 61: Percent of Knox County Schools high school students who have been tested for HIV, the virus that causes AIDS, 2022
(total responses $=546$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 36 | 1,347 | 7.3 | $(4.8-10.8)$ |
| Male | 22 | 883 | 9.3 | $(5.5-15.3)$ |
| Female | 12 | $*$ | $*$ | $*$ |
| Prefer not to answer | 2 | $*$ | $*$ | $*$ |

Race/Ethnicity

| White (non-Hispanic) | 20 | 946 | 7.4 |
| :--- | :---: | :---: | :---: |
| Black (non-Hispanic) | 4 | $*$ | $*$ |
| Hispanic (any race) | 6 | $*$ | $*$ |
| Other race/ethnicity | 6 | $*$ | $*$ |

(4.3-12.4)
*
*
*
*

School Grade

9th grade
10th grade
11th grade
12th grade

| 16 | $*$ | $*$ |
| :---: | :---: | :---: |
| 11 | $*$ | $*$ |
| 5 | $*$ | $*$ |
| 4 | $*$ | $*$ |

* 
* 
* 

*Too unreliable to report
Figure 61: Percent of high school students who have been tested for HIV, the virus that causes AIDS, Knox County Schools, Tennessee, U.S., 2017, 2019; Knox County Schools, 2022


Table 62: Responses to the question, "When was the last time you saw a dentist for a check-up, exam, teeth cleaning, or other dental work?" among Knox County Schools high school students, 2022
(total responses $=548$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| During the past 12 months | 409 | 13,975 | 75.3 | $(70.7-79.8)$ |
| Between 12 months and 24 months | 47 | 1,594 | 8.6 | $(5.7-11.5)$ |
| More than two years ago | 28 | 966 | 5.2 | $(2.8-7.6)$ |
| Never saw a dentist | 10 | $*$ | $*$ | $*$ |
| Not sure | 54 | 1,534 | 8.3 | $(5.6-10.9)$ |
| *Too unreliable to report |  |  |  |  |

Figure 62: Responses to the question, "When was the last time you saw a dentist for a check-up, exam, teeth cleaning, or other dental work?" among Knox County Schools high school students, 2022

*Too unreliable to report

Table 63: Percent of Knox County Schools high school students who visited a dentist for a dental checkup, exam, teeth cleaning, or other dental work in past 12 months, 2022
(total responses $=548$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf.Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 409 | 13,975 | 75.3 | $(70.4-79.5)$ |
| Male | 181 | 7,343 | 77.1 | $(70.3-82.7)$ |
| Female | 216 | 6,304 | 75.1 | $(67.6-81.3)$ |
| Prefer not to answer | 12 | $*$ | $*$ | $*$ |

## Race/Ethnicity

White (non-Hispanic)
287

| 10,124 | 79.0 |
| :---: | :---: |
| 2,063 | 69.2 |
| 917 | 54.0 |
| 872 | 83.3 |

(73.3-83.6)

34
43
45
872
83.3
(52.5-92.0)
(41.6-66.0)
(71.4-90.9)

## School Grade

9th grade
10th grade
11th grade
12th grade

154
156
66
33

3,752 79.0
3,439 71.9
3,313 73.2
3,470 77.0
(72.6-84.2)
(64.8-78.1)
(61.7-82.2)
(62.6-87.0)
*Too unreliable to report
Figure 63: Percent of Knox County Schools high school students who visited a dentist for a dental checkup, exam, teeth cleaning, or other dental work in past 12 months, Knox County Schools, Tennessee, U.S., 2017, 2019; Knox County Schools, 2022, Healthy People 2030 Objective OH-08


Table 64: Responses to the question, "During the past 30 days, how often was your mental health not good? (Poor mental health includes stress, anxiety, and depression)" among Knox County Schools high school students, 2022

| (total responses $=544$ ) | Yes | Weighted Yes |  | 95\% Conf. |
| :--- | :---: | :---: | :---: | :---: |
|  | Responses | Responses | Percentage | Intervals |
| Never | 123 | 4,351 | 23.6 | $(18.9-28.3)$ |
| Rarely | 121 | 3,867 | 21.0 | $(16.9-25.1)$ |
| Sometimes | 157 | 5,703 | 31.0 | $(25.7-36.2)$ |
| Most of the time | 100 | 3,365 | 18.3 | $(14.1-22.4)$ |
| Always | 43 | 1,138 | 6.2 | $(4.0-8.3)$ |

Figure 64: Responses to the question, "During the past 30 days, how often was your mental health not good? (Poor mental health includes stress, anxiety, and depression)" among Knox County Schools high school students, 2022


Table 65: Percent of Knox County Schools high school students who reported they experienced mental health problems (stress, anxiety, or depression) either most of the time or always during the past 30 days, 2022
(total responses $=544$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | Intervals <br> Inter |
| :--- | :---: | :---: | :---: | :---: |
| Total | 143 | 4,503 | 24.4 | $(20.2-29.2)$ |
| Male | 38 | 1,555 | 16.4 | $(11.4-23.1)$ |
| Female | 91 | 2,650 | 31.9 | $(25.2-39.2)$ |
| Prefer not to answer | 14 | $*$ | $*$ | $*$ |

Race/Ethnicity

| White (non-Hispanic) | 97 | 3,306 | 26.1 | $(20.9-32.0)$ |
| :--- | :--- | :---: | :---: | :---: |
| Black (non-Hispanic) | 10 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 19 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 17 | $*$ | $*$ | $*$ |

School Grade

| 9th grade | 43 | 937 | 19.8 |
| :--- | :---: | :---: | :---: |
| 10th grade | 62 | 1,212 | 25.5 |
| 11th grade | 27 | 1,412 | 31.7 |
| 12th grade | 11 | $*$ | $*$ |

(22.4-42.6)
*
*Too unreliable to report
Figure 65: Percent of Knox County Schools high school students who reported they experienced mental health problems (stress, anxiety, or depression) either most of the time or always during the past 30 days by gender, 2022


Table 66: Responses to the question, "During the past 30 days, how often did you go hungry because there was not enough food in the house?" among Knox County Schools high school students, 2022
(total responses $=545$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Never | 453 | 15,402 | 83.3 | $(79.2-87.3)$ |
| Rarely | 60 | 2,060 | 11.1 | $(7.7-14.6)$ |
| Sometimes | 24 | 733 | 4.0 | $(2.0-5.9)$ |
| Most of the time | 8 | $*$ | $*$ | $*$ |
| Always | 0 | $*$ | $*$ | $*$ |

*Too unreliable to report

Figure 66: Responses to the question, "During the past 30 days, how often did you go hungry because there was not enough food in the house?" among Knox County Schools high school students, 2022

*Too unreliable to report

Table 67: Percent of Knox County Schools high school students who have felt that people assume they are less intelligent because of their race or ethnicity, 2022 (total responses $=545$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. |
| :--- | :---: | :---: | :---: | :---: |
| Intervals |  |  |  |  |

## Race/Ethnicity

| White (non-Hispanic) | 11 | $*$ | $*$ | $*$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 12 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 13 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 1 |  | $*$ | $*$ |
| School Grade | 8 | $*$ | $*$ | $*$ |
| 9th grade | 18 | $*$ | $*$ | $*$ |
| 10th grade | 4 | $*$ | $*$ | $*$ |
| 11th grade | 7 |  | $*$ |  |

*Too unreliable to report

Figure 67: Percent of Knox County Schools high school students who have felt that people assume they are less intelligent because of their race or ethnicity, 2022


Table 68: Responses to the question, "During your life, how often has there been an adult in your household who tried hard to make sure your basic needs were met, such as looking after your safety and making sure you had clean clothes and enough to eat?" among Knox County Schools high school students in 2022: Percentages (total responses $=542$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Never | 49 | 1,698 | 9.3 | $(6.4-12.1)$ |
| Rarely | 14 | $*$ | $*$ | $*$ |
| Sometimes | 22 | 662 | 3.6 | $(1.8-5.4)$ |
| Most of the time | 57 | 2003 | 10.9 | $(7.5-14.4)$ |
| Always | 400 | 13,567 | 74.0 | $(69.4-78.6)$ |

*Too unreliable to report
Figure 68: Responses to the question, "During your life, how often has there been an adult in your household who tried hard to make sure your basic needs were met, such as looking after your safety and making sure you had clean clothes and enough to eat?" among Knox County Schools high school students in 2022: Percentages


Table 69: Percent of Knox County Schools high school students who responded there is "rarely" or "never" an adult in their household who tries hard to make sure their basic needs are met, such as looking after their safety, ensuring they had clean clothes and enough to eat, 2022
(total responses $=542$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 63 | 2,103 | 11.5 | $(8.7-15.0)$ |
| Male | 34 | 1,217 | 12.8 | $(8.9-18.0)$ |
| Female | 26 | 808 | 9.8 | $(6.0-15.6)$ |
| Prefer not to answer | 3 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity |  |  |  |  |
| White (non-Hispanic) | 40 | 1,274 | 10.0 | $(7.1-13.9)$ |
| Black (non-Hispanic) | 11 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 8 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 4 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| School Grade | 24 | 615 | 13.3 | $(8.9-19.4)$ |
| 9th grade | 25 | 659 | 13.7 | $(9.2-20.1)$ |
| 10th grade | $*$ | $*$ | $*$ |  |
| 11th grade | $*$ | $*$ | $*$ |  |

## *Too unreliable to report

Figure 69: Percent of Knox County Schools high school students who responded there is "rarely" or "never" an adult in their household who tries hard to make sure their basic needs are met, such as looking after their safety, ensuring they had clean clothes and enough to eat by gender, 2022


Table 70: Percent of Knox County Schools high school students who have lived with someone who had an alcohol or drug problem, 2022 (total responses $=542$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 181 | 6,434 | 35.1 | $(30.1-40.5)$ |
| Male | 69 | 2,982 | 30.6 | $(23.7-38.5)$ |
| Female | 100 | 3,199 | 38.9 | $(31.7-46.6)$ |
| Prefer not to answer | 12 | $*$ | $*$ | $*$ |

## Race/Ethnicity

White (non-Hispanic) 133

| 4,891 | 38.5 |
| :---: | :---: |
| $*$ | $*$ |
| $*$ | $*$ |
| $*$ | $*$ |

(32.3-45.0)

Black (non-Hispanic)
17
Hispanic (any race)
Other race/ethnicity
16
15

School Grade

9th grade
10th grade
11th grade
12th grade

64
70
32
15

1,537
35.1
33.5
36.2

1,578
(30.1-40.5)
*

95\% Conf. Intervals
(30.1-40.5)
(23.7-38.5)
(31.7-46.6)
$*$
*Too unreliable to report
Figure 70: Percent of Knox County Schools high school students who have lived with someone who had an alcohol or drug problem by gender, 2022


Table 71: Percent of Knox County Schools high school students who have lived with someone who was depressed, mentally ill, or suicidal, 2022 (total responses $=543$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 217 | 7,076 | 38.6 | $(33.5-43.9)$ |
| Male | 74 | 2,867 | 30.2 | $(23.6-37.8)$ |
| Female | 130 | 3,848 | 46.7 | $(39.3-54.3)$ |
| Prefer not to answer | 13 | $*$ | $*$ | $*$ |

## Race/Ethnicity

| White (non-Hispanic) | 159 | 5,479 | 43.1 | $(36.8-49.6)$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 15 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 21 | 431 | 26.1 | $(16.8-38.2)$ |
| Other race/ethnicity | 22 | 402 | 37.1 | $(24.5-51.8)$ |

School Grade

| 9th grade | 77 | 1,816 | 38.8 | $(31.9-46.2)$ |
| :--- | :--- | :--- | :--- | :--- |
| 10th grade | 88 | 1,856 | 38.7 | $(32.1-45.8)$ |
| 11th grade | 32 | 1,682 | 37.3 | $(27.4-48.3)$ |
| 12th grade | 20 | 1,721 | 39.6 | $(25.5-55.6)$ |

*Too unreliable to report

Figure 71: Percent of Knox County Schools high school students who have lived with someone who was depressed, mentally ill, or suicidal by gender and race/ethnicity, 2022

*Too unreliable to report

Table 72: Percent of Knox County Schools high school students who had been separated from a parent or guardian because they went to jail, prison, or a detention center, 2022
(total responses $=539$ )

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 102 | 3,408 | 18.7 | $(15.3-24.0)$ |
| Male | 41 | 1,816 | 19.2 | $(13.4-26.8)$ |
| Female | 60 | 1,581 | 19.3 | $(14.4-25.4)$ |
| Prefer not to answer | 1 | $*$ | $*$ | $*$ |
|  |  |  |  |  |
| Race/Ethnicity | 61 | 2,015 | 15.9 | $(11.9-21.0)$ |
| White (non-Hispanic) | 15 | $*$ | $*$ | $*$ |
| Black (non-Hispanic) | 16 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 10 | $*$ | $*$ | $*$ |
| Other race/ethnicity |  |  |  |  |
|  |  |  |  |  |
| School Grade | 41 | 971 | 18.7 | $(14.8-23.3)$ |
| 9th grade | 36 | 785 | 16.4 | $(11.8-22.5)$ |
| 10th grade | 18 | $*$ | $*$ | $*$ |
| 11th grade | 7 | $*$ | $*$ | $*$ |
| 12th grade |  |  |  |  |

*Too unreliable to report
Figure 72: Percent of Knox County Schools high school students who had been separated from a parent or guardian because they went to jail, prison, or a detention center by gender, 2022


Table 73: Responses to the question, "During your life, how often have you felt that you were treated badly or unfairly in school because of your race or ethnicity?" among Knox County Schools high school students, 2022

| (total responses $=532$ ) | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | 95\% Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Never | 368 | 12,563 | 70.0 | $(65.0-75.0)$ |
| Rarely | 77 | 2,307 | 12.9 | $(9.5-16.3)$ |
| Sometimes | 61 | 1,928 | 10.7 | $(7.5-14.0)$ |
| Most of the time | 15 | $*$ | $*$ | $*$ |
| Always | 11 | $*$ | $*$ | $*$ |

*Too unreliable to report

Figure 73: Responses to the question, "During your life, how often have you felt that you were treated badly or unfairly in school because of your race or ethnicity?" among Knox County Schools high school students, 2022

Knox County Schools

*Too unreliable to report

Table 74: Percent of Knox County Schools high school students who had been treated badly or unfairly in their school due to their race or ethnicity either "most of the time" or "always," 2022 (total responses = 532)

|  | Yes <br> Responses | Weighted Yes <br> Responses | Percentage | $95 \%$ Conf. <br> Intervals |
| :--- | :---: | :---: | :---: | :---: |
| Total | 26 | 1,147 | 6.4 | $(3.9-10.3)$ |
| Male | 8 | $*$ | $*$ | $*$ |
| Female | 17 | $*$ | $*$ | $*$ |
| Prefer not to answer | 1 | $*$ | $*$ | $*$ |

## Race/Ethnicity

| White (non-Hispanic) | 8 | $*$ | $*$ | $*$ |
| :--- | :---: | :---: | :---: | :---: |
| Black (non-Hispanic) | 11 | $*$ | $*$ | $*$ |
| Hispanic (any race) | 4 | $*$ | $*$ | $*$ |
| Other race/ethnicity | 3 |  |  | $*$ |
|  |  |  | $*$ |  |
| School Grade | 3 | $*$ | $*$ | $*$ |
| 9th grade | 4 | $*$ | $*$ | $*$ |
| 10th grade | 13 | $*$ | $*$ | $*$ |
| 11th grade | 6 | $*$ | $*$ | $*$ |

*Too unreliable to report
Figure 74: Percent of Knox County Schools high school students who had been treated badly or unfairly in their school due to their race or ethnicity either "most of the time" or "always," 2022


This report may be downloaded at:

## Reports and Data - Epidemiology - Health Department - Knox County Tennessee Government

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Epidemiology Program (2022). 2022 Knox County Youth Risk Behavior Survey. Knoxville, Tennessee: Knox County Health Department.


[^0]:    ${ }^{1}$ The 2019 national and state YRBS results were the most recently published results at the time this report was released.
    ${ }^{2}$ Objectives and Data - Healthy People 2030 | health.gov
    ${ }^{3}$ https://www.cdc.gov/healthyyouth/data/abes.htm
    ${ }^{4}$ A 2015 Knox County YRBS was attempted in 2015 but not published due to low response.

[^1]:    ${ }^{5}$ Due to restrictions of face-to-face school attendance during the COVID-19 response in 2021, this Knox County YRBS was delayed until the Spring of 2022 instead of administered in 2021 as originally planned.
    ${ }^{6}$ Thirty-day substance use questions were requested by Metro Drug Coalition
    ${ }^{7}$ The added questions on the COVID-19 pandemic were from the 2021 Adolescent Behaviors and Experiences survey (ABES), conducted by the CDC from January to June. The 2021 ABES focused on the effects the COVID19 restrictions had on adolescents: https://www.cdc.gov/mmwr/volumes/71/su/pdfs/su7103a1-a5-h.pdf
    ${ }^{8}$ A Guide to Conducting Your Own Youth Risk Behavior Survey (cdc.gov).
    ${ }^{9} 2019$ National YRBS Data Users Guide (cdc.gov)

[^2]:    ${ }^{10}$ Klein, R., Proctor, W. Boundrealut, M \& Turczyn, K. (2002, July). Healthy People 2010 criteria for data suppression. Healthy People 2010, 24, Department of Health and Human Services. The RSE estimates from this survey for all variables are available from the Epidemiology Program of the Knox County Health Department upon request.
    ${ }^{11}$ The frequencies of some of these excluded questions were included in calculated variables such as total tobacco use or total illegal drug use in keeping with CDC protocols. 2019 National YRBS Data Users Guide (cdc.gov)

[^3]:    ${ }^{12}$ Healthy People 2020 and Healthy People 2030 are extensive documents put forth by the Department of Health and Human Services that contains a broad collection of evidence-based targets geared to improve the health of communities in the U.S. by 2020 or 2030, respectively.

[^4]:    ${ }^{13}$ THC = Tetrahydrocannabinol: the psychoactive component of marijuana or hashish. THC may also be produced synthetically. Frequently Asked Questions | Electronic Cigarettes $\mid$ Smoking \& Tobacco Use |CDC ${ }^{14}$ Alcohol Questions and Answers | CDC

[^5]:    ${ }^{15}$ Illicit drugs used in the past 30 days included marijuana, THC vapor products, cocaine and cocaine products, heroin, methamphetamines, and taking prescription pain medication (such as Oxycontin, Percocet or codeine) without a prescription. It did not include tobacco products, alcohol use or inhalants. ${ }^{16}$ Youth Physical Activity Guidelines | Physical Activity \| Healthy Schools | CDC

