



2017 Knox County Youth Risk Behavior Survey

A joint effort of
Knox County Health Department
Knox County Schools

With support from the Metro Drug Coalition

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K n o x C o u n t y
Health Department
 Every Person, A Healthy Person

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EXECUTIVE SUMMARY

The Youth Risk Behavior Survey (YRBS) has been conducted every two years at the national and state level since the early 1990s to monitor the self-reported health risk behaviors of school-aged youth. Knox County, Tennessee, is one of a small number of cities and counties that conduct their own YRBS to better monitor the health of local school-aged youth on a regular basis. This report is designed to assist local agencies in planning and policy formation to improve overall health in the county, especially the health of adolescents.

The 2017 Knox County YRBS focuses on high school students in the following behavior areas: unintentional injuries, self-harm and violence, tobacco use, alcohol and other drug use, weight control and diet, physical activity, and additional health-related topics including asthma and sleep patterns. While most indicators in this report have established baselines, some relatively new behaviors such as the use of electronic nicotine delivery systems (vapor products) and online bullying will require additional time and survey iterations to discern baselines and trends.

Several of the findings included in this analysis reflect improving outcomes, such as long-term declines in cigarette smoking patterns, texting while driving behaviors, and reductions in television watching on school nights. Of the 17 adolescent community health objectives put forth by *Healthy People 2020* that are measured in the YRBS, six were met in Knox County in 2017.

Several of the findings are concerning: One out of three Knox County Schools (KCS) high school students responded they felt so sad or hopeless they stopped normal activities for two weeks, and one out of five students reported they have seriously considered suicide during the past year. Almost one out of four KCS high school students indicated they used tobacco products one or more times in the past month. In addition, one out of eight KCS high school students reported they have misused prescription pain medication.

The 2017 Knox County YRBS is the result of a joint effort by the Knox County Health Department and Knox County Schools, with support from the Metro Drug Coalition. Knox County Youth Risk Behavior Surveys were completed in 2005, 2007, 2009, 2011, 2013 and 2017. A 2015 Knox County YRBS was not completed due to low response.

METHODOLOGY

Questions from the 2017 Knox County Youth Risk Behavior Survey were selected by the Tennessee Department of Education. The survey was administered in all KCS high schools March 6-7 in 2017. The 2017 Knox County YRBS was administered jointly with the Tennessee YRBS and used the same questionnaire.

The sample design for the 2017 Knox County YRBS was created by KCS and designed to mirror the sampling frame used by the state and national surveys by randomly selecting 2nd period classes. Three to six randomly selected classes were drawn from each of the 15 KCS high schools (69 classes) resulting in a total of 1,534 possible participants. Students in the randomized classes could opt out of the survey by returning a passive consent form signed by a parent or guardian or on their own the day of the survey. The surveys were administered by KCS classroom instructors after receiving just-in-time training on YRBS protocols. The collected data were weighted based on 2016-2017 enrollment figures for gender (male, female), race/ethnicity (1. non-Hispanic white, 2. non-Hispanic African American, 3. other races/ethnicities [including Hispanic of any race]), and school grades (9th to 12th grade).

The data were analyzed using CDC provided protocols when applicable¹ and estimated confidence intervals at the $p < .05$ significance level were generated and reported to allow for group comparisons (for example comparing 9th graders to 12th graders on a survey response).²

To ensure reliability, results with fewer than 20 responses were marked with an asterisk (*) and not reported in the results tables. In addition, coefficient of variation (CV) estimates were made on all data points to further check for reliability.³ Results with CV estimates greater than 25.0 were also marked with an asterisk and not reported due to low reliability. Results with CV estimates from 20.0 to 24.9 were marked with two asterisks and a warning to the reader was issued to interpret the results with caution due to low reliability. Standard error estimates and CV estimates for each response do not appear in the tables of this report because of space limitations but are available upon request.

¹ National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention (2014, June) National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention (2014, June). *A guide to conducting your own Youth Risk Behavior Survey*. Centers for Disease Control and Prevention

² Meyers, J. & well, A. (1991). *Research design and statistical analysis*. Harper Collins Publishers Inc., New York

³ Korn, E. & Grubbard, B. (1999). *Analysis of health surveys*. John Wiley and Sons., New York

SAMPLE CHARACTERISTICS

More than 1,100 KCS high school students responded to the survey ($n = 1,123$). Given a total sample size of 1,534 students, this resulted in a completion rate of 73.2 percent. The demographic profile for the 2017 sample is as follows:

Total:	$n = 1,123$
Male	$n = 551$ (49.1%)
Female	$n = 572$ (50.9%)
White (non-Hispanic):	$n = 786$ (70.0%)
African-American (non-Hispanic):	$n = 178$ (15.8%)
Other race/ethnicity (Including Hispanics of any race):	$n = 159$ (14.2%)
9 th grade:	$n = 339$ (30.2%)
10 th grade:	$n = 359$ (32.0%)
11 th grade:	$n = 276$ (24.6%)
12 th grade:	$n = 149$ (13.3%)

KEY RESULTS

The overall results of this survey may be found in the tables at the end of this report. The results in this section represent highlights of the 2017 YRBS. Comparisons with *Healthy People 2020* health objectives are made when possible.⁴ *Healthy People 2020* is an extensive document put forth by the U.S. Department of Health and Human Services that sets evidence-based targets for communities to try to reach by the year 2020 to help ensure their citizens are as healthy as possible.

Section 1: Behaviors that contribute to unintentional injuries.

- Slightly more than six percent (6.2%) of KCS high school students reported they “never” or “rarely” wear seatbelts when riding in a car driven by someone else (Table 1). This meets *Healthy People 2020* Objective IVP-15 which calls for no more than eight percent of motor vehicle occupants not using seatbelts (Figure 1).
- Fourteen percent of high school students (14.0%) reported they rode in a motor vehicle, during the previous 30 days, with a driver who had been drinking alcohol (Table 2). This meets *Healthy People 2020* Objective SA-1 which calls for no more than 25.5 percent of adolescents engaging in this behavior (Figure 2).
- One out of four high school students (25.0%) text messaged while driving a motor vehicle during the past 30 days (Table 3). There has been a downward trend in this behavior since the 2011 estimate of 40.4 percent (Figure 3).

Section 2: Behaviors that contribute to self-harm and violence

- One out of five KCS high school students (22.8%) reported they engaged in physical fighting during the past 12 months (Table 8). This meets *Healthy People 2020* Objective IVP-34 which

⁴ U.S. Department of Health and Human Services. (2010). *Healthy People 2020*. Retrieved from www.healthypeople.gov

calls for a reduction of fighting among adolescents during the past 12 months to no more than 28.4 percent (Figure 8).

- Nineteen percent (19.3%) of high school students were bullied one or more times on school property during the past 12 months (Table 11). This has not yet met *Healthy People 2020* Objective IVP-35 which calls for a reduction of bullying on school property during the past 12 months to no more than 17.9 percent (Figure 11). In addition, 16.9 percent of KCS high school students reported they were bullied electronically (usually by texts or social media messages) one or more times during the past 12 months (Table 12).
- One out of three high school students (35.9%) reported feeling so sad or hopeless for two or more weeks in a row that they stopped normal activities during the past 12 months (Table 13). The 2017 estimate among KCS high school students for this behavior (35.9%) is higher than the 2013 estimate of 25.4 percent (Figure 13). In addition, this has not yet met *Healthy People 2020* Objective MHMD-4.1 which calls for no more than 7.5 percent of adolescents 12 to 17 years old experiencing major depressive episodes (Figure 13).
- Almost one out of nine high school students (11.0%) reported they attempted suicide during the past 12 months (Table 16), statistically higher than the 2013 estimate of 6.2% (Figure 16). This has not yet met *Healthy People 2020* Objective MHMD-2 which calls for no more than 1.7 suicide attempts per 100 population or 1.7 percent (Figure 16).

Section 3: Tobacco use

- One out of four KCS high school students (26.1%) reported they have ever tried cigarette smoking (Table 18). Estimates of this behavior have been declining steadily since 2005 when the estimate was one out of two KCS high school students (50.2%) reporting this behavior (Figure 18).
- Less than nine percent (8.9%) of high school students reported current cigarette use (smoking cigarettes during the past 30 days) as seen in Table 20. This is down from the 2013 estimate of 18.2 percent (Figure 20). The 2017 estimate of 8.9 percent meets *Healthy People 2020* Objective TU-2.2 which calls for no more than 16.0 percent of adolescents smoking cigarettes during the past month (Figure 20). Cigarette use has declined from the 2005 estimate of 24.4% to the 2017 estimate of 8.9 percent (Figure 20).
- Thirty percent (30.7%) of high school students reported they had ever used an electronic vapor product (Table 21), and almost 15 percent (14.9%) reported electronic vapor use during the past 30 days (Table 22). The top two ways of obtaining electronic vapor methods were borrowing them from someone else (42.0%) and getting them some other way (18.7%) as seen in Table 23.
- Almost one out of four high school students (24.5%) reported using some form of tobacco (cigarettes, cigars, smokeless tobacco, other tobacco products, and electronic vapor products,) during the past 30 days (Table 26). This has not yet met *Healthy People 2020* Objective TU-2.1 which calls for no more than 21.0 percent of adolescents using tobacco products in the past month (Figure 26).

Section 4: Alcohol and other drug use

- One out of four KCS high school students (25.2%) reported they had at least one drink of alcohol (excluding alcohol used for religious purposes) during the past 30 days (current alcohol use) as seen in Table 31. This estimate has yet to meet *Healthy People 2020* Objective SA-13.1 which calls for no more than 16.6 percent of adolescents using alcohol (or other illicit drugs) during the past 30 days (Figure 31).

- One out of eight high school students (13.5%) reported binge drinking during the past 30 days (Table 32). Binge drinking is defined as males drinking five or more alcohol drinks or females drinking four or more drinks in a row. KCS 12th graders (23.1%) are more likely to report binge drinking compared to 10th graders (12.1%). The 2017 estimate of 13.5 percent has yet to meet *Healthy People 2020* Objective SA-14.4 which calls for no more than 8.6 percent of adolescents binge drinking in the past month.
- Among students who drink alcohol, the top four ways they obtained alcohol in the past 30 days were: 1. someone gave it to them (45.6%); 2. got it some other way (18.2%); 3. gave someone money to buy it (15.7%); and 4. took it from a store or family member (13.6%); as seen in Table 34.
- One out of five high school students (20.7%) reported using marijuana during the past 30 days (Table 37). This has yet to meet *Healthy People 2020* Objective SA-13.2 which calls for no more than 6 percent of students using marijuana in the past 30 days.
- Responses for lifetime use of cocaine and cocaine products (Table 38), heroin (Table 40), methamphetamines (Table 41), ecstasy (Table 42), non-prescribed use of steroids (Table 43), and use of needles to inject illegal drugs (Table 47) were all too unreliable to report due to low responses and/or high degrees of variance. It cannot be concluded from these responses that this is the result of reduced levels of lifetime use patterns but this conclusion remains a possibility.
- Seven percent (7.2%) of high school students reported using synthetic marijuana products (K2, Spice, fake weed, King Kong, Yucatan Fire or moon rock) during their lifetime (Table 44).
- One out of eight high school students (13.0%) reported they had ever used prescription pain medications (such as codeine, Vicodin, hydrocodone, and Percocet) without a doctor's prescription (Tables 45 and 46).
- Twenty-three percent of KCS high school students (23.0%) reported they had been offered, sold, or given an illicit substance on school property during the past 12 months (Table 48).

Section 5. Weight control and diet

- One out of five KCS high school students (20.0%) were obese, based on their self-reported height and weight (Table 50). This has not yet met *Healthy People 2020* Objective NWS-10.3 which calls for no more than 16.1 percent of students considered obese (Figure 50).
- Almost eight percent (7.9%) of high school students reported they did not eat any vegetables (green salad, potatoes [excluding fried potatoes, or potato chips], carrots, or other vegetables) during the past seven days (Table 53).
- One out of four high school students (28.5%) reported they ate breakfast every day during the past seven days (Tables 56 and 57). In contrast, 15.7 percent of KCS high school students reported they did not have breakfast any day during the past seven days (Table 56).

Section 6. Physical activity

- One out of six KCS high school students (16.7%) reported they were not physically active for at least 60 minutes on any day during the past seven days (Tables 58 and 59).
- Slightly more than 19 percent (19.2%) of high school students reported they participated in at least 60 minutes of physical activity every day for the past seven days (Tables 58 and 60). This

has yet to meet *Healthy People 2020* Objective PA-3.1 which calls for at least 31.6 percent of adolescents completing 60 minutes of moderate or vigorous exercise daily (Figure 60).⁵

- One out of six high school students (18.9%) reported they watched three or more hours of TV on an average school night (Tables 61 and 62). This meets *Healthy People 2020* Objective PA-8.2.3 which calls for no more than 26.1 percent of adolescents watching more than two hours of TV a day (Table 62). Television viewing for three or more hours among KCS high school students has been decreasing steadily since 2005 when the estimate for this behavior was 36.3 percent (Figure 62).
- Almost one-half of high school students (44.4%) reported they played video or computer games or used their computers for things other than school work for three or more hours per day on school nights (Tables 63 and 64). This has yet to meet *Healthy People 2020* Objective PA-8.3.3 which calls for no more than 17.4 percent of adolescents in grades 9-12 playing video or computer games, or using their computer for things other than school work for more than two hours a day. This behavior has been increasing steadily since 2007 when the KCS high school students estimate was 18.9 percent. Students who primarily earn C's, D's, or F's in school are more likely to report this behavior compared to students who primarily earn A's and B's.
- Fewer than one out of five high school students (18.3%) reported they attended PE classes every school day during the past week (Tables 65 and 67). This has yet to meet *Healthy People 2020* Objective PA-5 which calls for at least 36.3 percent of adolescents participating in daily PE. In addition, almost two out of three KCS high school students (64.2%) reported they do not attend any classes during their school week (Table 68).
- Fifteen percent (15.3%) of KCS high school students reported they suffered one or more concussions from playing sports or being physically active during the past 12 months (Table 70).

Section 7. Additional health topics

- One out of 10 KCS high school students (10.9%) reported they had ever had an HIV test (excluding blood donations) (Table 71).
- Almost one out of four high school students (23.7%) reported they ever had a doctor or nurse tell them they had asthma (Table 72).
- Eighty percent of high school students (80.2%) reported their last dental appointment was within the past 12 months (Table 73). This meets *Healthy People 2020* Objective OH-7 which calls for at least 49.0 percent of all persons aged 2 years and older to use the oral health system within the past year (Figure 73).
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⁵ *Healthy People 2020* objective PA-3.1 was revised from 20.2% to 32.6% in 2014.

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Section 1:
**Behaviors That Contribute
to Unintentional Injuries**

Table 1: Percent of Knox County Schools high school students reporting they ‘never’ or ‘rarely’ wear a seatbelt when riding in a car driven by someone else, 2017
(Total responses = 1,118)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	72	985	6.2	(4.6-8.4)
Male	31	489	6.7**	(4.2-10.7)**
Female	41	495	5.8	(4.0-8.3)
Race/Ethnicity				
White (non-Hispanic)	38	491	4.2**	(2.8-6.2)**
Black (non-Hispanic)	14	*	*	*
Other race/ethnicity	20	*	*	*
School Grade				
9th grade	16	*	*	*
10th grade	18	*	*	*
11th grade	20	*	*	*
12th grade	18	*	*	*
Estimated grades in past year				
Mostly A's	24	298	5.1**	(3.2-8.2)**
Mostly B's	19	*	*	*
Mostly C's	14	*	*	*
Mostly D's or F's	8	*	*	*

**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

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

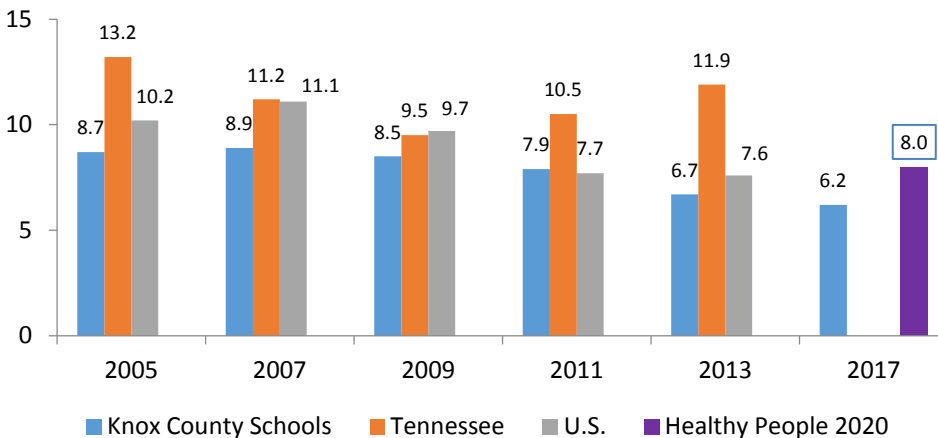


Table 2: Percent of Knox County Schools high school students reporting they had ridden with a driver who had been drinking alcohol during the past 30 days, 2017
 (Total responses = 1,120)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	153	2,187	14.0	(10.9-17.7)
Male	74	1,007	14.1	(10.3-18.9)
Female	79	1,180	13.9	(9.6-19.8)
Race/Ethnicity				
White (non-Hispanic)	85	1,177	10.0	(7.4-13.4)
Black (non-Hispanic)	30	318	15.1	(10.4-21.3)
Other race/ethnicity	38	692	38.7	(25.4-53.9)
School Grade				
9th grade	43	*	*	*
10th grade	43	517	11.3	(8.4-15.0)
11th grade	37	607	13.7**	(8.8-20.8)**
12th grade	30	532	22.1	(15.6-30.4)
Estimated grades in past year				
Mostly A's	46	698	12.1**	(7.6-18.6)**
Mostly B's	61	867	16.3	(11.5-22.5)
Mostly C's	22	*	*	*
Mostly D's or F's	10	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 2: Percent of high school students who had ridden in a car with a driver who had been drinking alcohol during the past 30 days, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017; Healthy People 2020 Objective SA-1

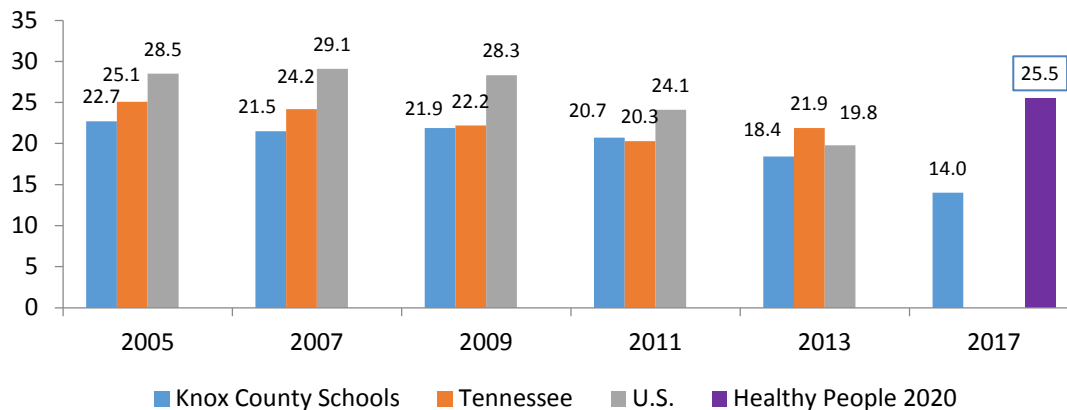


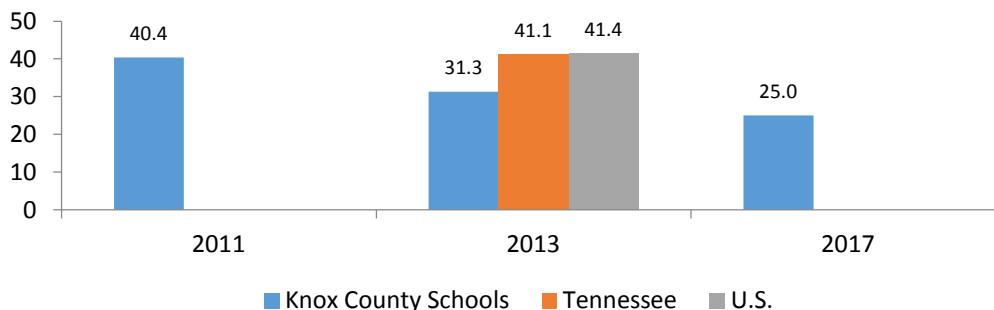
Table 3: Percent of Knox County Schools high school students reporting they text messaged or emailed while driving a car or other vehicle during the past 30 days, 2017
 (Total responses = 1,116)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	255	3,927	25.0	(21.0-29.4)
Male	56	1,376	19.0	(13.9-25.4)
Female	199	2,551	30.0	(23.6-37.4)
Race/Ethnicity				
White (non-Hispanic)	188	2,844	24.2	(19.5-29.5)
Black (non-Hispanic)	32	446	20.6	(14.2-28.9)
Other race/ethnicity	35	637	35.6	(23.6-49.9)
School Grade				
9th grade	23	*	*	*
10th grade	61	738	16.1	(12.7-20.2)
11th grade	96	1,646	36.8	(28.9-45.5)
12th grade	75	1,267	52.7	(44.4-60.9)
Estimated grades in past year				
Mostly A's	116	1,711	29.6	(23.2-36.9)
Mostly B's	82	1,391	25.7	(19.3-33.5)
Mostly C's	32	375	16.6**	(9.9-26.4)**
Mostly D's or F's	10	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 3: Percent of high school students who text messaged or emailed while driving a car during the past 30 days, Knox County Schools, 2011; Knox County Schools, Tennessee, U.S., 2013; Knox County Schools, 2017



Section 2:
Behaviors That Contribute
to Self-harm and Violence

Table 4: Percent of Knox County Schools high school students reporting they carried a weapon (such as a gun, knife, or club) in the past 30 days, 2017
 (Total responses = 1,094)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	191	3,222	20.9	(15.9-26.9)
Male	90	1,527	21.6**	(16.6-27.5)**
Female	101	1,695	20.3**	(12.6-30.9)**
Race/Ethnicity				
White (non-Hispanic)	140	2,485	21.4	(15.3-29.2)
Black (non-Hispanic)	16	*	*	*
Other race/ethnicity	35	554	32.2**	(20.3-47.1)**
School Grade				
9th grade	44	*	*	*
10th grade	62	784	17.3	(13.7-21.7)
11th grade	54	1,054	24.0	(17.0-32.7)
12th Grade	31	552	23.8	(17.0-32.3)
Estimated grades in past year				
Mostly A's	70	1,149	20.4	(14.5-28.0)
Mostly B's	66	936	17.4	(12.5-23.7)
Mostly C's	31	*	*	*
Mostly D's or F's	11	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 4: Percent of high school students who carried a weapon (gun, knife, or club) in the past 30 days, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

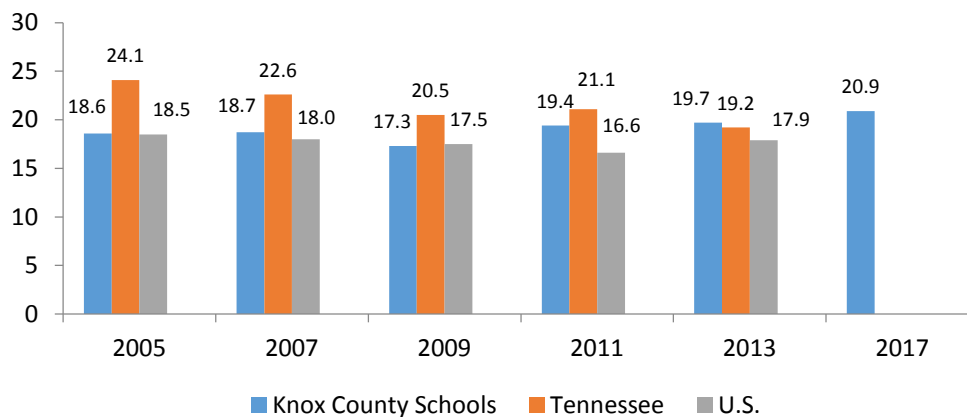


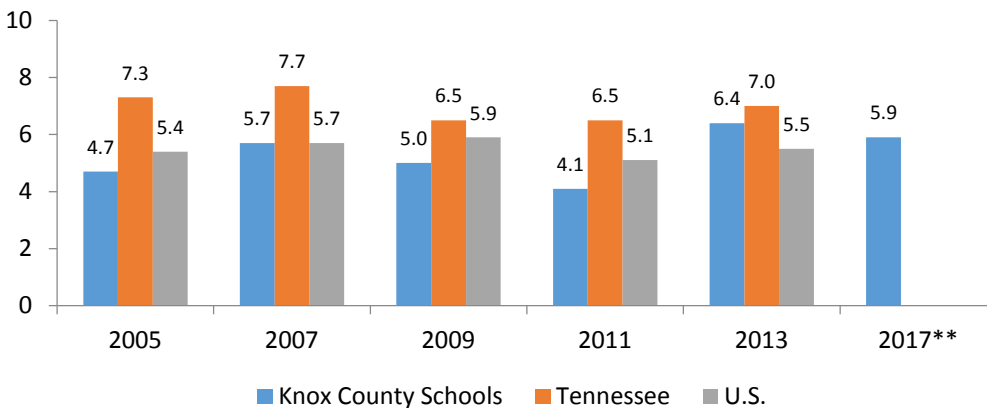
Table 5: Percent of Knox County Schools high school students reporting they carried a gun (excluding guns used for sporting purposes) during the past 30 days, 2017
(Total responses = 1,117)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	58	927	5.9**	(3.9-8.7)**
Male	32	522	7.2**	(4.5-11.4)**
Female	26	*	*	*
Race/Ethnicity				
White (non-Hispanic)	33	*	*	*
Black (non-Hispanic)	7	*	*	*
Other race/ethnicity	18	*	*	*
School Grade				
9th grade	17	*	*	*
10th grade	20	239	5.2**	(3.4-8.0)**
11th grade	13	*	*	*
12th grade	8	*	*	*
Estimated grades in past year				
Mostly A's	20	*	*	*
Mostly B's	15	*	*	*
Mostly C's	12	*	*	*
Mostly D's or F's	3	*	*	*

**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

Figure 5: Percent of high school students who carried a gun (excluding guns used for sporting purposes) during the past 30 days, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017



*** Limited reliability-interpret with extreme caution*

Table 6: Percentage of Knox County Schools high school students reporting they did not go to school one or more days during the past 30 days because they felt too unsafe at school, or going to or from school, 2017

(Total responses = 1,113)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	85	1,189	7.6	(5.7-10.0)
Male	40	646	8.9**	(5.8-13.4)**
Female	45	543	6.4	(4.5-9.0)
Race/Ethnicity				
White (non-Hispanic)	47	704	6.0**	(4.0-8.8)**
Black (non-Hispanic)	17	*	*	*
Other race/ethnicity	21	*	*	*
School Grade				
9th grade	20	*	*	*
10th grade	32	392	8.5	(6.0-11.9)
11th grade	18	*	*	*
12th grade	15	*	*	*
Estimated grades in past year				
Mostly A's	25	*	*	*
Mostly B's	25	*	*	*
Mostly C's	16	*	*	*
Mostly D's or F's	8	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 6: Percent of high school students who felt too unsafe to go to school on one or more days in the past 30 days, Knox County Schools, Tennessee, U.S., 2009, 2011, 2013; Knox County Schools, 2017

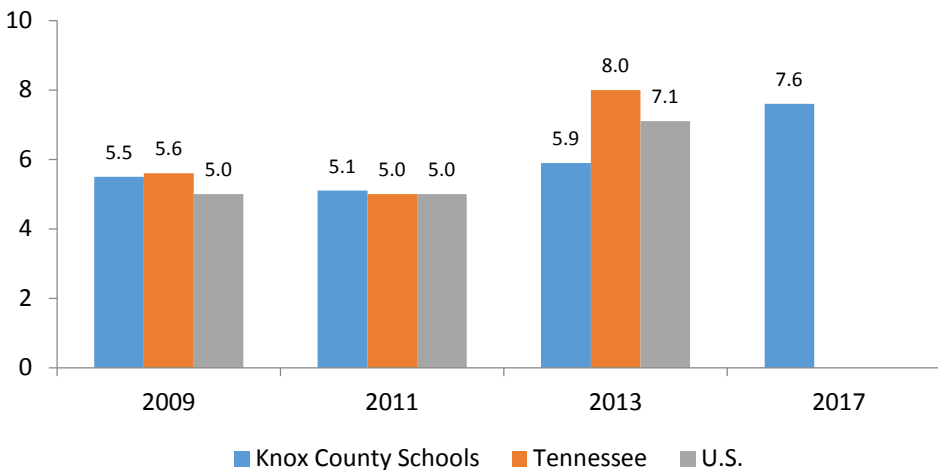


Table 7: Percent of Knox County Schools high school students reporting they had been threatened or injured with a weapon such as gun, knife, or club on school property during the past 12 months, 2017
(Total responses = 1,115)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	78	1,113	7.1	(5.1-9.8)
Male	43	560	7.7	(5.2-11.4)
Female	35	*	*	*
Race/Ethnicity				
White (non-Hispanic)	39	484	4.1	(2.7-6.1)
Black (non-Hispanic)	16	*		
Other race/ethnicity	23	*	*	*
School Grade				
9th grade	27	*	*	*
10th grade	25	308	6.7	(4.5-9.8)
11th grade	12	*	*	*
12th grade	14	*	*	*
Estimated grades in past year				
Mostly A's	26	*	*	*
Mostly B's	23	262	4.9**	(3.0-7.7)**
Mostly C's	10	*	*	*
Mostly D's or F's	10	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

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

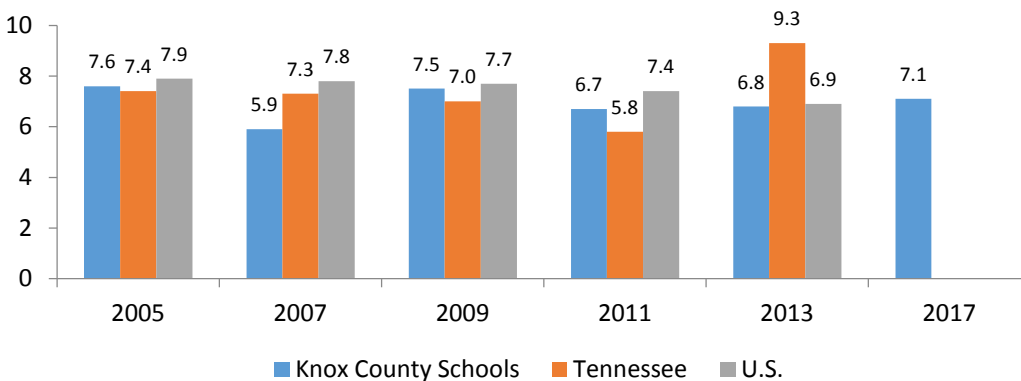


Table 8: Percent of Knox County Schools high school students reporting they were in a physical fight during the past 12 months, 2017
 (Total responses = 1,114)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	244	3,574	22.8	(17.8-28.6)
Male	124	1,648	22.9	(18.3-28.2)
Female	120	1,926	22.7**	(14.9-33.0)**
Race/Ethnicity				
White (non-Hispanic)	150	2,286	19.4	(13.5-27.0)
Black (non-Hispanic)	43	560	25.9	(18.9-34.5)
Other race/ethnicity	51	728	41.9	(29.4-55.4)
School Grade				
9th grade	73	*	*	*
10th grade	89	1,132	24.6	(20.3-29.3)
11th grade	56	911	20.4	(14.4-28.1)
12th grade	26	498	21.2	(14.5-29.8)
Estimated grades in past year				
Mostly A's	64	1,056	18.3	(12.8-25.5)
Mostly B's	94	1,567	29.0**	(18.8-42.0)**
Mostly C's	41	415	18.8**	(11.3-28.5)**
Mostly D's or F's	16	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

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; Knox County Schools, 2017; Healthy People 2020 Objective IVP-34

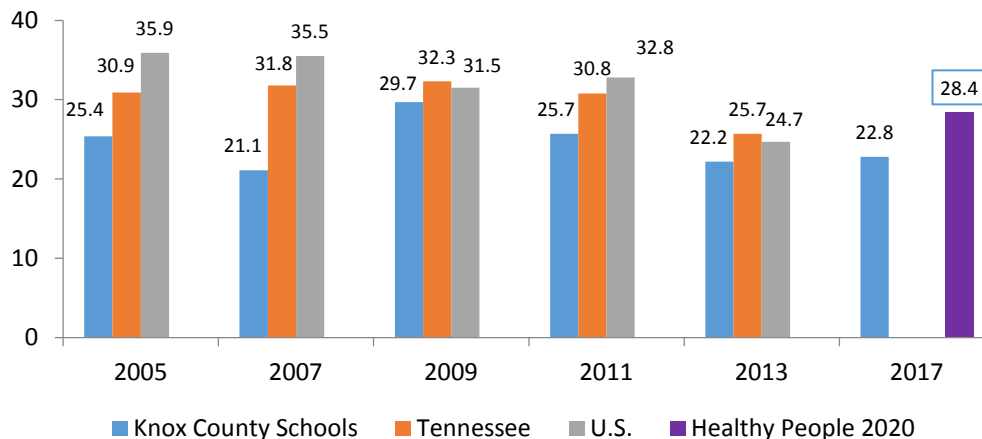


Table 9: Percent of Knox County Schools high school students reporting they were in a physical fight on school property during the past 12 months, 2017

(Total responses = 1,114)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	78	1,004	6.5	(4.9-8.7)
Male	42	536	7.5**	(4.9-11.3)**
Female	36	469	5.7	(3.9-8.2)
Race/Ethnicity				
White (non-Hispanic)	41	500	4.3**	(2.9-6.3)**
Black (non-Hispanic)	20	308	14.5**	(8.9-22.9)**
Other race/ethnicity	17	*	*	*
School Grade				
9th grade	27	*	*	*
10th grade	30	396	8.7	(6.1-12.2)
11th grade	10	*	*	*
12th grade	11	*	*	*
Estimated grades in past year				
Mostly A's	18	*	*	*
Mostly B's	30	338	6.3**	(4.2-9.4)**
Mostly C's	13	*	*	*
Mostly D's or F's	5	*	*	*

**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

Figure 9: Percent of high school students who were in a physical fight on school property during the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

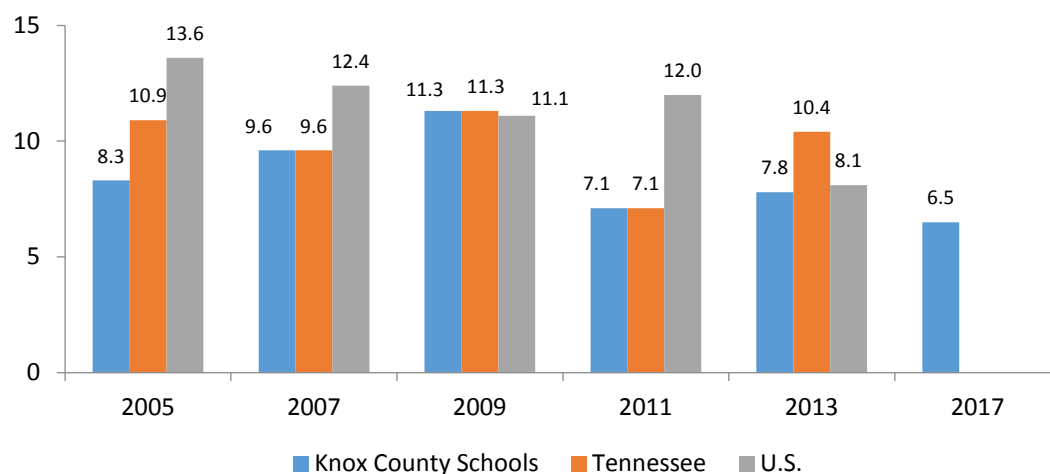


Table 10: Percent of Knox County Schools high school students reporting they had been physically hurt on purpose (being hit, slammed into something, or injured with an object or weapon) by someone they had been dating during the past 12 months, 2017

(Total responses = 618)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	81	1,277	15.3	(11.4-20.2)
Male	37	658	14.4**	(9.3-21.5)**
Female	44	619	16.3**	(10.8-23.8)**
Race/Ethnicity				
White (non-Hispanic)	55	781	12.6	(9.0-17.3)
Black (non-Hispanic)	9	*	*	*
Other race/ethnicity	17	*	*	*
School Grade				
9th grade	16	*	*	*
10th grade	28	362	12.9	(9.0-18.1)
11th grade	26	*	*	*
12th grade	11	*	*	*
Estimated grades in past year				
Mostly A's	24	*	*	*
Mostly B's	34	565	18.4**	(12.0-27.2)**
Mostly C's	9	*	*	*
Mostly D's or F's	4	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

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; Knox County Schools, 2017

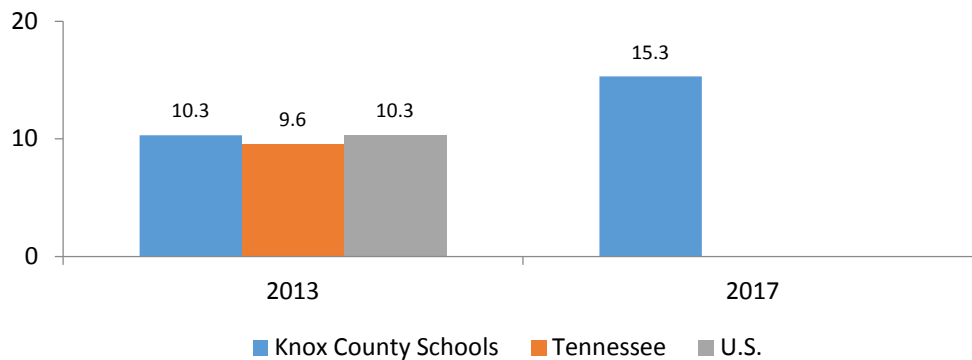


Table 11: Percent of Knox County Schools high school students reporting they were bullied on school property during the past 12 months, 2017
 (Total responses = 1,114)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	237	3,033	19.3	(16.0-23.1)
Male	124	1,611	22.2	(17.8-27.3)
Female	113	1,422	16.8	(12.5-22.2)
Race/Ethnicity				
White (non-Hispanic)	180	2,227	18.9	(15.2-23.2)
Black (non-Hispanic)	22	229	10.6**	(6.9-16.2)**
Other race/ethnicity	35	578	32.3**	(6.9-20.5)**
School Grade				
9th grade	72	*	*	*
10th grade	87	1,128	24.4	(20.1-29.2)
11th grade	48	711	15.8	(10.7-22.8)
12th grade	30	560	23.4	(16.6-32.0)
Estimated grades in past year				
Mostly A's	92	1,225	21.2	(15.7-28.1)
Mostly B's	83	982	18.1	(13.6-23.7)
Mostly C's	23	318	14.1	(7.6-24.8)
Mostly D's or F's	12	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 11: Percent of high school students who were bullied on school property during the past 12 months, Knox County Schools, Tennessee, U.S., 2009, 2011, 2013; Knox County Schools, 2017, Healthy People 2020 Objective IVP-35

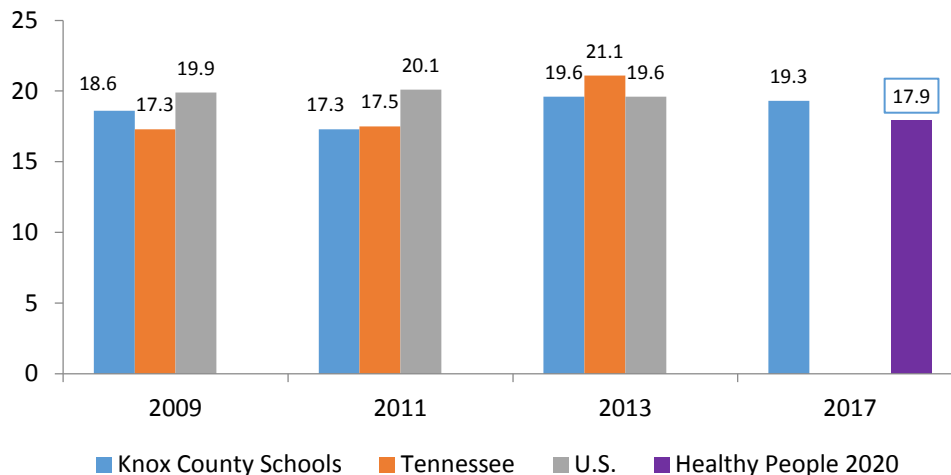


Table 12: Percent of Knox County Schools high school students reporting they had been bullied electronically (including texting, Instagram, Facebook or other social media) during the past 12 months, 2017

(Total responses = 1,110)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	202	2,644	16.9	(13.8-20.5)
Male	103	1,349	18.8	(14.7-23.7)
Female	99	1,294	15.3	(11.2-20.6)
Race/Ethnicity				
White (non-Hispanic)	154	1,982	16.8	(13.8-20.5)
Black (non-Hispanic)	19	*	*	*
Other race/ethnicity	29	*	*	*
School Grade				
9th grade	62	*	*	*
10th grade	69	900	19.6	(15.7-24.1)
11th grade	40	646	14.5**	(9.4-21.5)**
12th grade	31	532	22.8	(16.3-30.9)
Estimated grades in past year				
Mostly A's	82	1,113	19.5	(14.2-26.2)
Mostly B's	65	788	14.5	(10.5-19.7)
Mostly C's	20	*	*	*
Mostly D's or F's	11	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

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

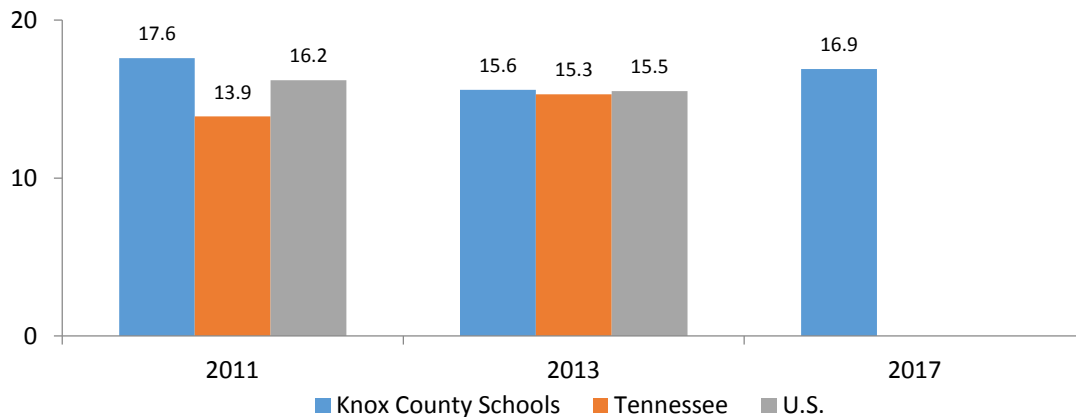


Table 13: Percent of Knox County Schools high school students reporting they had felt so sad or hopeless for two or more weeks in a row that they stopped doing normal activities during the past 12 months, 2017

(Total responses = 1,114)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	361	5,639	35.9	(29.9-42.4)
Male	172	2,507	34.7	(29.1-40.7)
Female	189	3,133	36.9	(27.1-48.0)
Race/Ethnicity				
White (non-Hispanic)	257	4,278	36.3	(28.7-44.7)
Black (non-Hispanic)	45	559	25.9	(18.5-34.9)
Other race/ethnicity	59	803	45.4	(32.9-58.4)
School Grade				
9th grade	94	*	*	*
10th grade	123	1,566	34.0	(29.2-39.1)
11th grade	92	1,599	35.6	(27.8-44.2)
12th grade	52	880	37.5	(29.6-46.0)
Estimated grades in past year				
Mostly A's	133	1,786	31.0	(24.3-38.7)
Mostly B's	126	2,099	38.6	(28.5-49.8)
Mostly C's	54	710	31.6**	(19.4-47.0)**
Mostly D's or F's	19	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 13: Percent of high school students who have felt so sad or hopeless for two or more weeks in a row that they stopped doing normal activities during the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017; Healthy People 2020 Objective MHMD-4.1

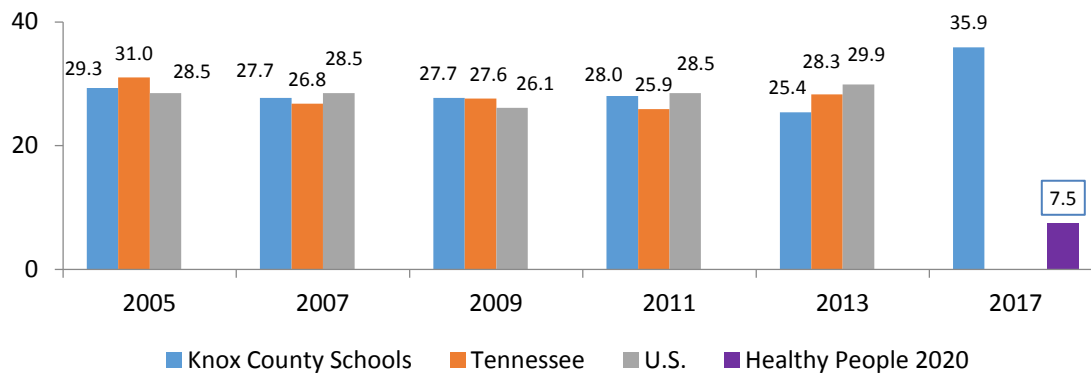


Table 14: Percent of Knox County Schools high school students reporting they seriously considered suicide during the past 12 months, 2017
 (Total responses = 1,100)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	210	3,339	21.3	(16.3-27.3)
Male	111	1,675	23.2	(18.3-28.9)
Female	99	1,664	19.7**	(12.1-30.4)**
Race/Ethnicity				
White (non-Hispanic)	153	2,488	21.2	(15.1-28.9)
Black (non-Hispanic)	24	343	15.9**	(9.6-25.2)**
Other race/ethnicity	33	507	28.5**	(17.2-43.4)**
School Grade				
9th grade	62	*	*	*
10th grade	77	1,001	21.9	(17.8-26.6)
11th grade	50	1,000	22.3	(15.6-30.8)
12th grade	21	371	15.7**	(10.2-23.5)**
Estimated grades in past year				
Mostly A's	72	1,036	17.9	(12.7-24.7)
Mostly B's	68	890	16.4	(11.8-22.5)
Mostly C's	36	*	*	*
Mostly D's or F's	14	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 14: Percent of high school students who seriously considered suicide during the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

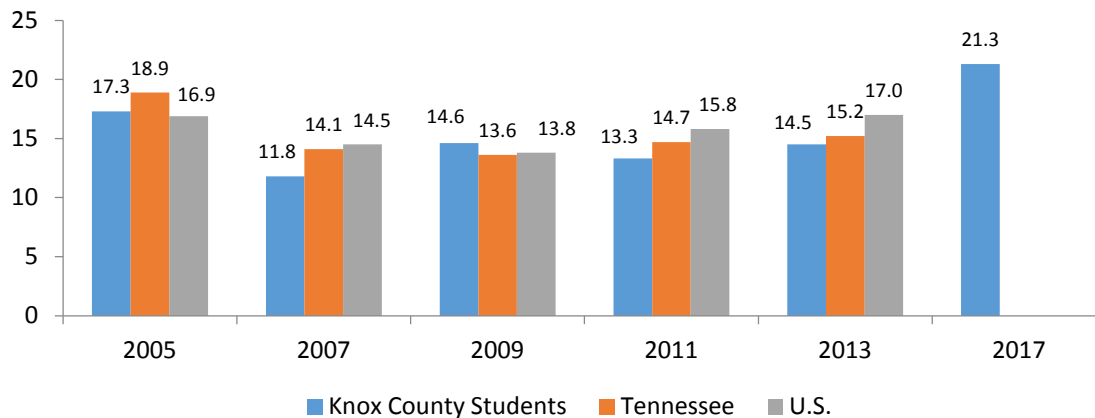


Table 15: Percent of Knox County Schools high school students reporting they had made a plan on how they would attempt suicide during the past 12 months, 2017
 (Total responses = 1,101)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	193	3,100	20.0	(15.1-26.0)
Male	90	1,409	19.8	(15.2-25.3)
Female	103	1,691	20.1**	(12.5-30.8)**
Race/Ethnicity				
White (non-Hispanic)	135	2,207	18.9	(13.0-26.6)
Black (non-Hispanic)	29	401	18.7**	(12.0-28.0)**
Other race/ethnicity	29	492	29.2**	(17.4-44.7)**
School Grade				
9th grade	45	*	*	*
10th grade	73	944	20.7	(16.7-25.3)
11th grade	54	941	21.3	(15.0-29.4)
12th grade	21	370	16.0**	(10.4-23.8)**
Estimated grades in past year				
Mostly A's	68	1,010	17.6	(12.3-24.6)
Mostly B's	65	912	17.1	(12.3-23.4)
Mostly C's	29	*	*	*
Mostly D's or F's	13	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 15: Percent of high school students who made a plan on how they would attempt suicide during the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

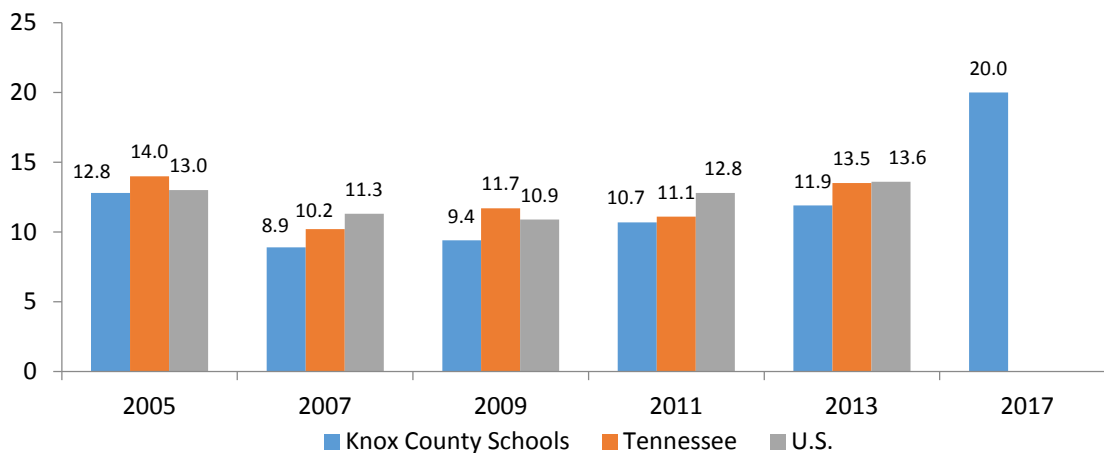


Table 16: Percent of Knox County Schools high school students reporting they attempted suicide during the past 12 months, 2017
(Total responses = 1,112)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	122	1,721	11.0	(8.4-14.1)
Male	66	963	13.3	(9.7-18.0)
Female	56	757	8.9**	(5.8-13.5)**
Race/Ethnicity				
White (non-Hispanic)	82	1,134	9.6	(7.1-13.0)
Black (non-Hispanic)	16	*	*	*
Other race/ethnicity	24	*	*	*
School Grade				
9th grade	35	*	*	*
10th grade	52	671	14.6	(11.3-18.8)
11th grade	24	*	*	*
12th grade	11	*	*	*
Estimated grades in past year				
Mostly A's	41	*	*	*
Mostly B's	43	642	11.8**	(7.8-17.6)**
Mostly C's	16	*	*	*
Mostly D's or F's	9	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 16: Percent of high school students who reported they attempted suicide during the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017; Healthy People 2020 Objective MHMD-2

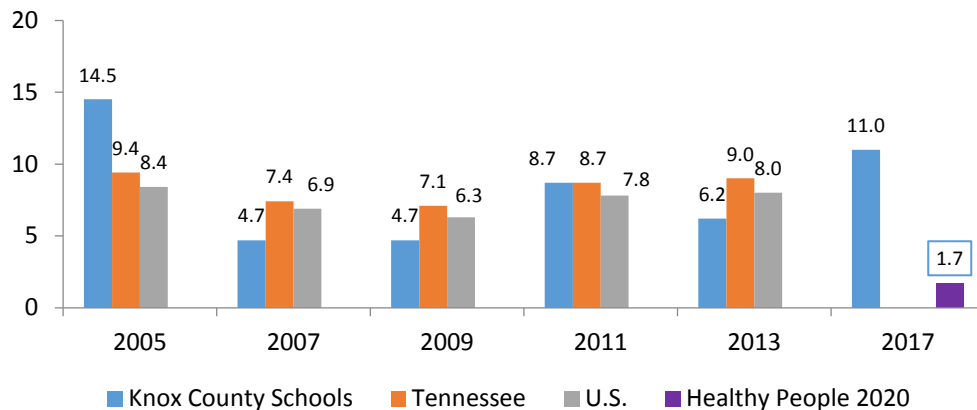


Table 17: Percent of Knox County Schools high school students reporting they attempted suicide during the past 12 months and the attempt resulted in injury, poisoning or overdose that required treatment from a doctor or nurse, 2017

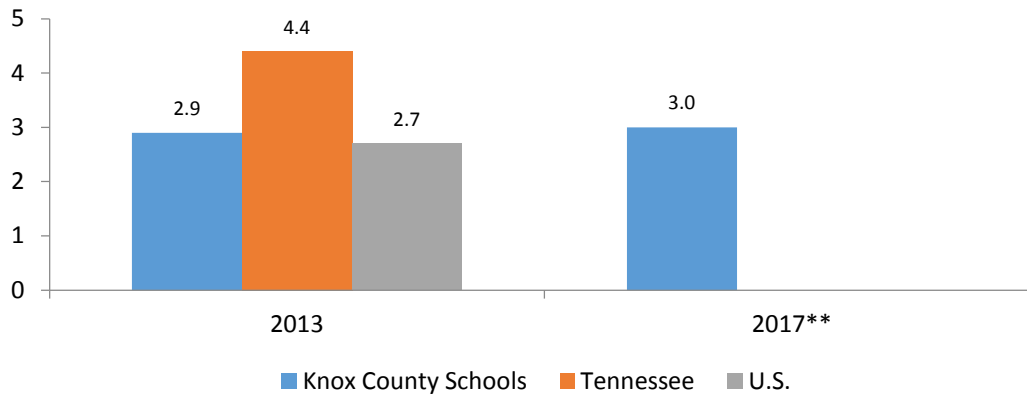
(Total responses = 1,109)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	36	465	3.0**	(2.0-4.4)**
Male	22	*	*	*
Female	14	*	*	*
Race/Ethnicity				
White (non-Hispanic)	17	*	*	*
Black (non-Hispanic)	7	*	*	*
Other race/ethnicity	12	*	*	*
School Grade				
9th grade	12	*	*	*
10th grade	12	*	*	*
11th grade	7	*	*	*
12th grade	5	*	*	*
Estimated grades in past year				
Mostly A's	12	*	*	*
Mostly B's	10	*	*	*
Mostly C's	6	*	*	*
Mostly D's or F's	4	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 17: Percent of high school students reporting they attempted suicide during the past 12 months and the attempt resulted in injury that required treatment from a doctor or nurse, Knox County Schools, Tennessee, U.S., 2013; Knox County Schools, 2017



**Limited reliability; interpret with extreme caution

Section 3: Tobacco Use

Table 18: Percent of Knox County Schools high school students reporting they had ever tried cigarettes, 2017

(Total responses = 1,106)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	284	4,080	26.1	(22.0-30.7)
Male	114	1,985	27.5	(22.0-33.7)
Female	170	2,095	24.9	(19.3-31.5)
Race/Ethnicity				
White (non-Hispanic)	208	3,099	26.5	(21.5-31.1)
Black (non-Hispanic)	43	507	23.5	(16.9-31.7)
Other race/ethnicity	33	*	*	*
School Grade				
9th grade	54	*	*	*
10th grade	105	1,319	28.9	(24.4-33.9)
11th grade	86	1,625	36.4	(28.3-45.3)
12th grade	39	637	26.8	(20.0-34.9)
Estimated grades in past year				
Mostly A's	79	1,248	21.7	(15.8-29.1)
Mostly B's	110	1,468	27.3	(20.9-34.8)
Mostly C's	50	732	32.5**	(19.9-48.3)**
Mostly D's or F's	21	237	39.0**	(23.7-56.8)**

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 18: Percent of high school students who had ever tried cigarettes, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

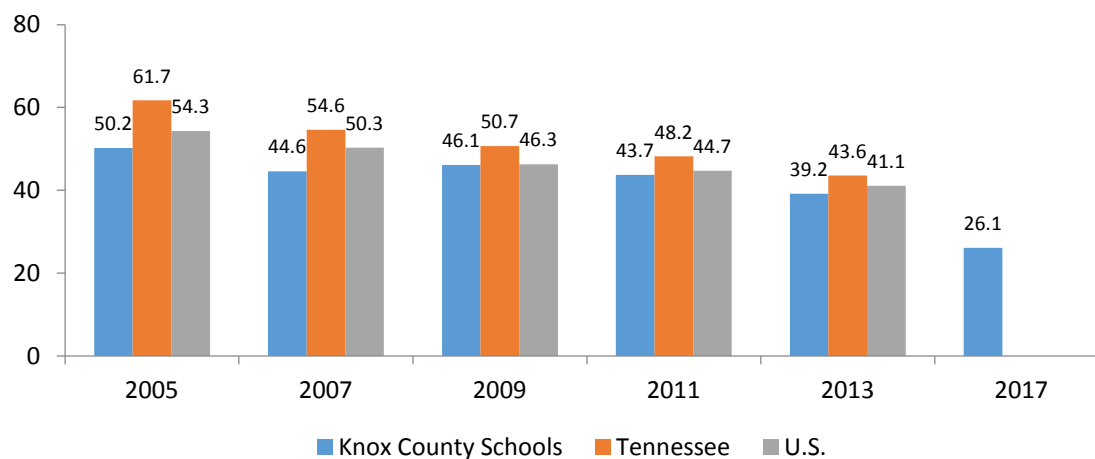


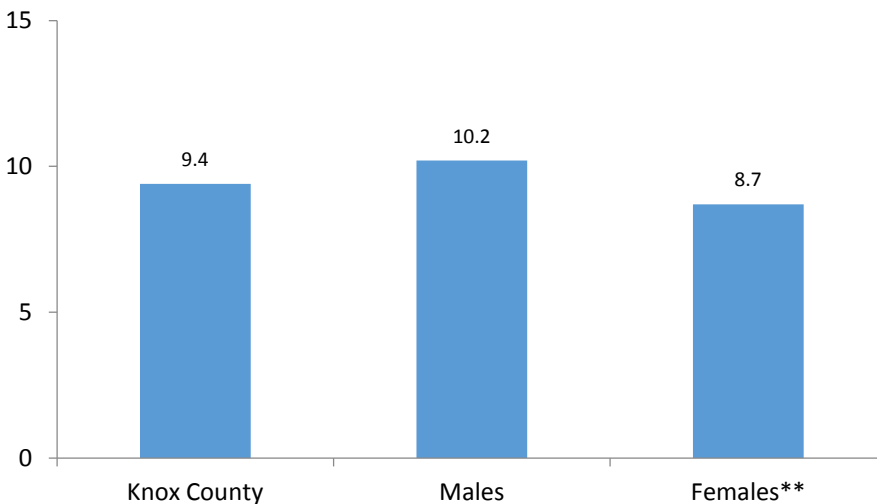
Table 19: Percent of Knox County Schools high school students who reported they had smoked cigarettes before the age of 13, 2017
 (Total responses = 1,102)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	109	1,468	9.4	(7.1-12.4)
Male	57	745	10.2	(7.3-14.3)
Female	52	724	8.7**	(5.6-13.4)**
Race/Ethnicity				
White (non-Hispanic)	66	855	7.4	(5.3-10.1)
Black (non-Hispanic)	19	*	*	*
Other race/ethnicity	24	*	*	*
School Grade				
9th grade	31	*	*	*
10th grade	43	539	11.7	(8.8-15.5)
11th grade	23	*	*	*
12th grade	12	*	*	*
Estimated grades in past year				
Mostly A's	26	468	8.2	(4.3-15.1)
Mostly B's	42	541	10.1	(6.8-14.7)
Mostly C's	20	*	*	*
Mostly D's or F's	10	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 19: Percent of Knox County Schools high school students who smoked cigarettes before the age of 13 by gender, 2017



**Limited reliability-interpret with extreme caution

Table 20: Percent of Knox County Schools high school students reporting they smoked cigarettes in the past 30 days (current smokers), 2017
 (Total responses = 1,114)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	91	1,392	8.9	(6.5-11.9)
Male	35	605	8.3**	(5.2-13.0)**
Female	56	787	9.3**	(6.1-13.9)**
Race/Ethnicity				
White (non-Hispanic)	65	969	8.2	(5.9-11.5)
Black (non-Hispanic)	7	*	*	*
Other race/ethnicity	19	*	*	*
School Grade				
9th grade	18	*	*	*
10th grade	31	386	8.4	(5.9-11.8)
11th grade	25	*	*	*
12th grade	17	*	*	*
Estimated grades in past year				
Mostly A's	25	447	7.8	(4.0-14.5)
Mostly B's	28	354	6.5	(4.0-10.6)
Mostly C's	19	*	*	*
Mostly D's or F's	8	*	*	*

*Too unreliable to report

**Limited reliability-interpret with extreme caution

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

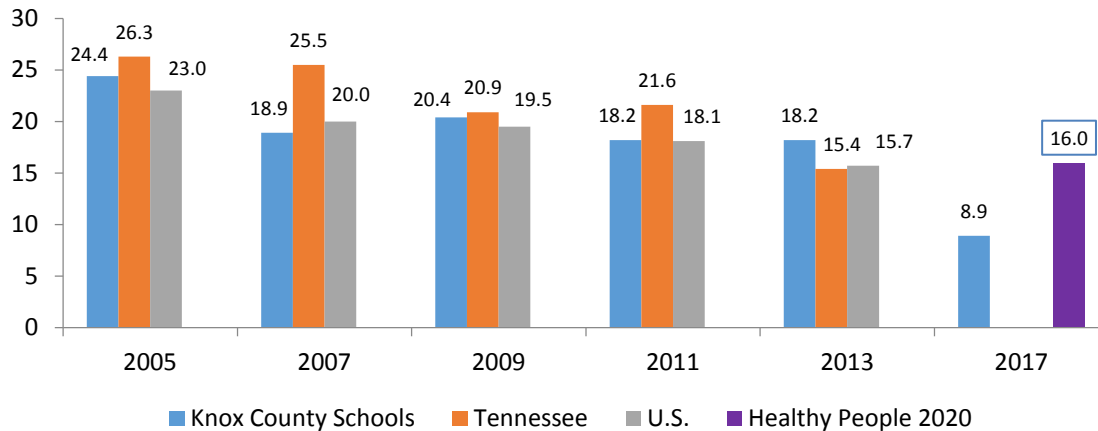


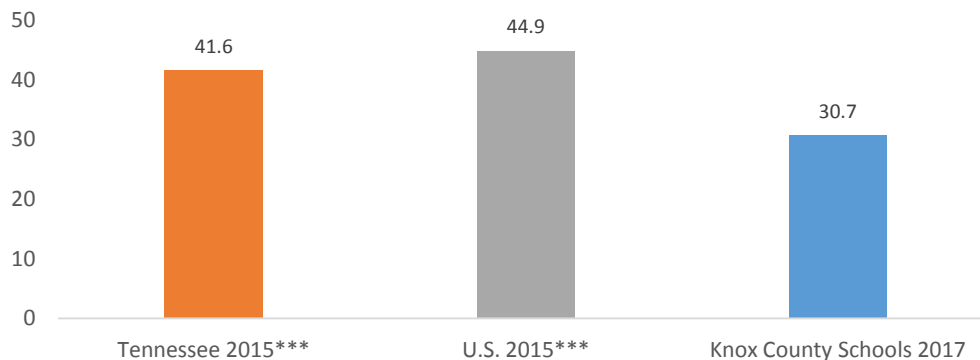
Table 21: Percent of Knox County Schools high school students reporting they had ever used an electronic vapor product, 2017
 (Total responses = 1,114)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	353	4,812	30.7	(26.2-35.5)
Male	150	2,289	31.7	(26.2-37.7)
Female	203	2,527	29.8	(23.4-37.2)
Race/Ethnicity				
White (non-Hispanic)	249	3,453	29.3	(24.1-35.1)
Black (non-Hispanic)	55	702	32.5	(24.6-41.6)
Other race/ethnicity	49	661	37.3	(25.3-51.0)
School Grade				
9th grade	74	*	*	*
10th grade	125	1,627	35.3	(30.5-40.5)
11th grade	98	1,632	36.4	(28.5-45.0)
12th grade	56	920	39.2	(31.3-47.6)
Estimated grades in past year				
Mostly A's	104	1,482	25.6	(19.4-32.9)
Mostly B's	130	1,810	33.5	(26.3-41.7)
Mostly C's	64	849	37.5**	(23.5-43.0)**
Mostly D's or F's	26	277	45.6	(28.5-63.8)

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 21: Percent of high school students who had ever used an electronic vapor product, Tennessee, U.S. 2015; Knox County Schools 2017



*** State and national data were drawn from 2015, the most recent available year. Please interpret with caution.

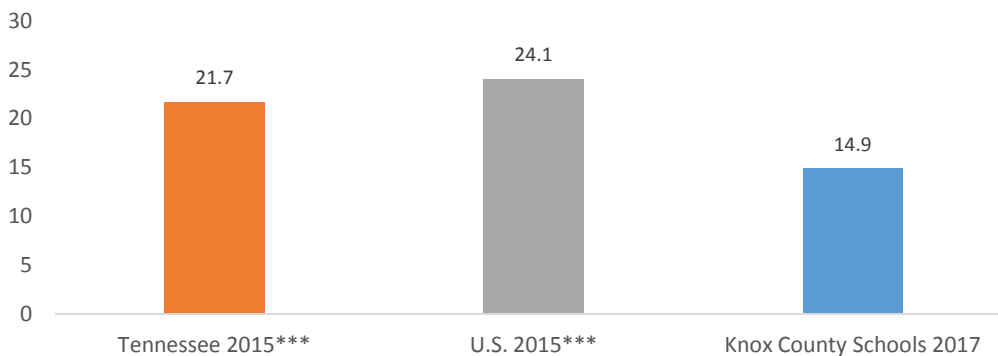
Table 22: Percent of Knox County Schools high school students who reported they used an electronic vapor product during the past 30 days (current user), 2017
 (Total responses = 1,113)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	164	2,333	14.9	(12.0-18.4)
Male	62	988	13.7	(9.9-18.5)
Female	102	1,346	15.9	(11.7-21.3)
Race/Ethnicity				
White (non-Hispanic)	122	1,627	13.9	(10.9-17.6)
Black (non-Hispanic)	14	*	*	*
Other race/ethnicity	28	*	*	*
School Grade				
9th grade	27	*	*	*
10th grade	60	763	16.6	(13.0-20.9)
11th grade	42	644	14.4**	(9.5-21.2)**
12th grade	35	619	26.7	(19.7-35.2)
Estimated grades in past year				
Mostly A's	52	818	14.2	(9.4-20.7)
Mostly B's	54	767	14.2	(10.1-19.8)
Mostly C's	32	365	16.1	(9.7-25.6)
Mostly D's or F's	11	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 22: Percent of high school students who used an electronic vapor product during the past 30 days (current user), Tennessee, U.S., 2015; Knox County Schools 2017



*** Tennessee's and the nation's data were drawn from the most recent available year: 2015. Please interpret with caution.

Table 23: Among Knox County Schools high school students currently using electronic vapor products, how they usually obtained their electronic vapor products during the past 30 days in 2017:

Percentages

(Total responses = 190)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Bought them in a store	19	*	*	*
Got them on the internet	13	*	*	*
Gave someone else money to buy them for me	11	*	*	*
Borrowed them from someone else	89	1,118	42.0	(33.3-51.2)
A person 18 years old or older gave them to me	17	*	*	*
Took them from a store or another person	3	*	*	*
Got them some other way	38	498	18.7	(12.9-26.4)

**Too unreliable to report*

Figure 23: Top two methods Knox County Schools high school students reported as their way of obtaining electronic vapor products during the past 30 days, 2017

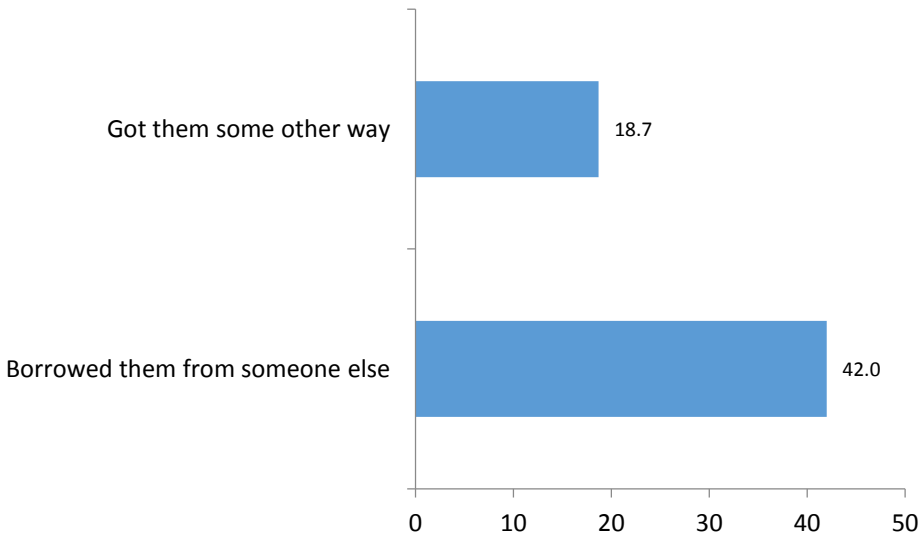


Table 24: Knox County Schools high school students reporting they smoked cigars, little cigars, or cigarillos during the past 30 days, 2017
(Total responses = 1,113)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	115	1,877	12.0	(9.1-15.5)
Male	47	940	11.1	(7.6-15.9)
Female	68	937	13.0	(8.9-18.7)
Race/Ethnicity				
White (non-Hispanic)	78	1,238	10.5	(7.7-14.3)
Black (non-Hispanic)	12	*	*	*
Other race/ethnicity	25	*	*	*
School Grade				
9th grade	23	*	*	*
10th grade	32	391	8.5	(6.0-11.8)
11th grade	34	769	17.1**	(11.1-25.6)**
12th grade	26	447	19.3	(13.2-27.3)
Estimated grades in past year				
Mostly A's	32	*	*	*
Mostly B's	37	616	11.4**	(7.3-17.5)**
Mostly C's	24	*	*	*
Mostly D's or F's	11	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 24: Percent of high school students who smoked cigars, cigarillos, or little cigars during the past 30 days, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017; Healthy People 2020 Objective TU-2.4

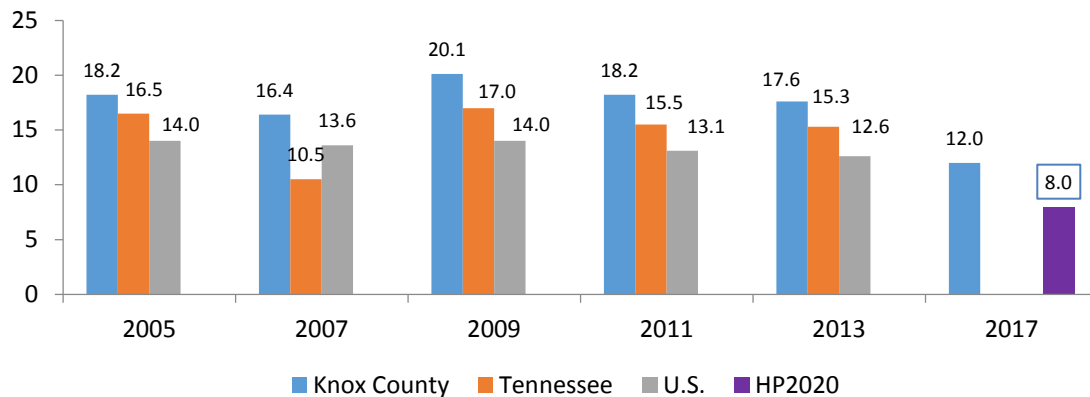


Table 25: Percent of Knox County Schools high school students reporting they used chewing tobacco, snuff, dip, snus or dissolvable tobacco products (not counting electronic vapor products) during the past 30 days, 2017

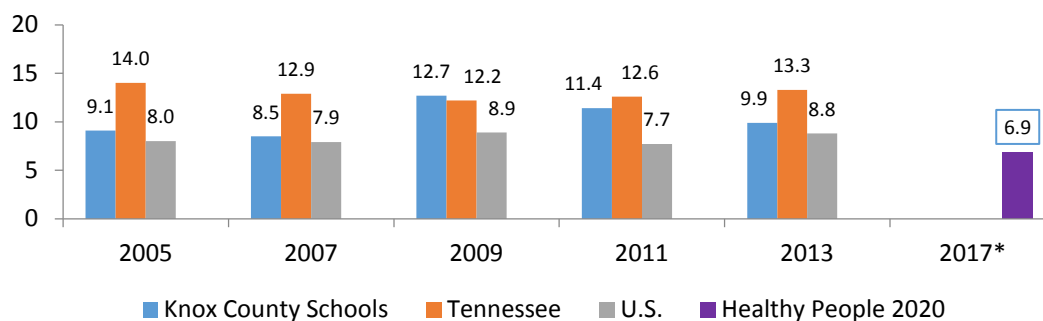
(Total responses = 1,112)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	67	*	*	*
Male	27	646	8.9**	(5.4-14.3)**
Female	40	*	*	*
Race/ethnicity				
White (non-Hispanic)	49	*	*	*
Black (non-Hispanic)	4	*	*	*
Other race/ethnicity	14	*	*	*
School grade				
9th grade	12	*	*	*
10th grade	20	244	5.3**	(3.4-8.1)**
11th grade	23	*	*	*
12th grade	12	*	*	*
Estimated grades in past year				
Mostly A's	23	*	*	*
Mostly B's	16	*	*	*
Mostly C's	13	*	*	*
Mostly D's or F's	7	*	*	*

**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

Figure 25: Percent of high school students who used chewing tobacco, snuff, snus or dissolvable tobacco products (not counting electronic vapor products) during the past 30 days, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017; Healthy People 2020 Objective TU-2.3



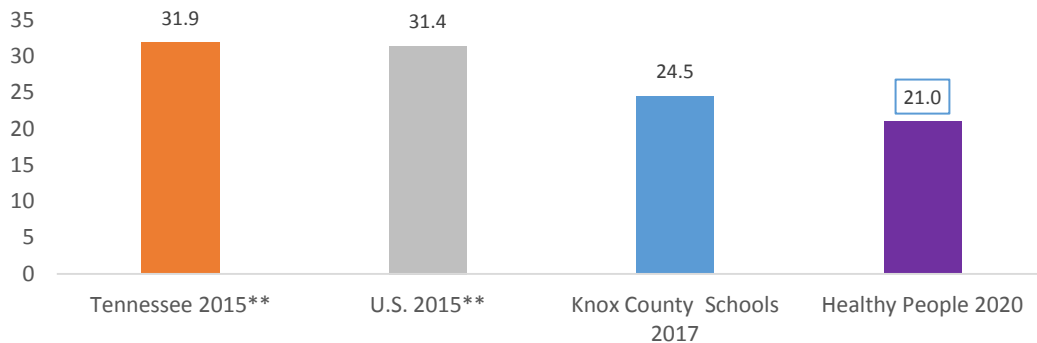
**The 2017 Knox County Schools estimate was too unreliable to report for this variable.*

Table 26: Knox County Schools high school students reporting they used any form of tobacco products (cigarettes, cigars, little cigars, cigarillos, chewing tobacco, smokeless tobacco, shisha, hookah tobacco, and electronic vapor products) during the past 30 days (current tobacco use), 2017
(Total responses = 1,120)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	239	3,872	24.5	(19.5-30.4)
Male	93	1,605	22.1	(17.2-27.9)
Female	146	2,267	26.6	(18.6-36.6)
Race/Ethnicity				
White (non-Hispanic)	171	2,820	23.9	(17.8-31.4)
Black (non-Hispanic)	24	368	17.0	(10.5-26.3)
Other race/ethnicity	44	684	37.5	(25.5-51.2)
School Grade				
9th grade	42	*	*	*
10th grade	83	1,047	22.7	(18.6-27.4)
11th grade	64	1,118	24.8	(18.0-33.1)
12th grade	50	897	37.3	(29.4-46.0)
Estimated grades in past year				
Mostly A's	71	1,112	19.2	(13.7-26.2)
Mostly B's	81	1,199	22.0	(16.4-29.0)
Mostly C's	47	*	*	*
Mostly D's or F's	16	*	*	*

*Too unreliable to report

Figure 26: Percent of high school students using any form of tobacco products (cigarettes, smokeless tobacco, cigars, little cigars, cigarillos, chewing tobacco, smokeless tobacco, shisha, hookah tobacco, and electronic vapor products) during the past 30 days (current tobacco use), Tennessee, U.S., 2015, Knox County Schools, 2017, Healthy People 2020 Objective TU-2.1



** State and national data were drawn from 2015, the most recent available year. Please interpret with caution.

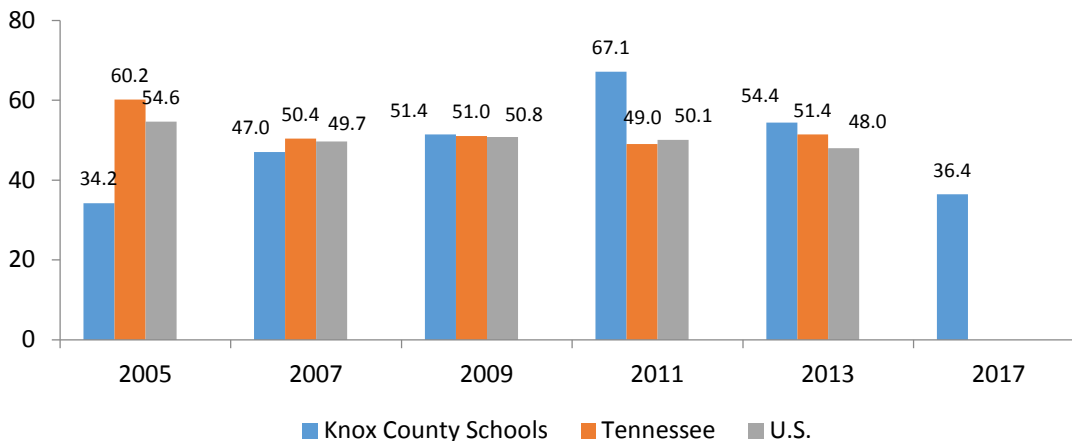
Table 27: Among Knox County Schools high school students who use any form of tobacco products, the percent who tried to quit using tobacco products during the past 12 months, 2017
(Total responses = 204)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	86	1,203	36.4	(25.6-48.7)
Male	32	558	36.4	(23.7-51.3)
Female	54	*	*	*
Race/Ethnicity				
White (non-Hispanic)	63	943	37.8	(24.1-53.6)
Black (non-Hispanic)	7	*	*	*
Other race/ethnicity	16	*	*	*
School Grade				
9th grade	12	*	*	*
10th grade	31	406	47.7	(35.9-59.9)
11th grade	24	403	33.7**	(19.6-51.5)**
12th grade	19	*	*	*
Estimated grades in past year				
Mostly A's	18	*	*	*
Mostly B's	35	*	*	*
Mostly C's	16	*	*	*
Mostly D's or F's	7	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 27: Among high school students who use tobacco products, the percent who tried to quit smoking during the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2013; Knox County Schools, 2017



Section 4: Alcohol and Other Drug Use

Table 28: Percent of Knox County Schools high school students reporting they have ever had a drink of alcohol (excluding alcohol used for religious purposes), 2017

(Total responses = 1,115)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	561	7,841	49.9	(43.7-56.1)
Male	237	3,505	48.2	(42.3-54.2)
Female	324	4,337	51.3	(40.9-61.6)
Race/Ethnicity				
White (non-Hispanic)	410	6,057	51.5	(43.5-59.4)
Black (non-Hispanic)	71	822	38.1	(30.0-46.9)
Other race/ethnicity	80	963	53.2	(40.4-65.5)
School Grade				
9th grade	132	*	*	*
10th grade	179	2,261	49.0	(43.8-54.3)
11th grade	158	2,620	59.4	(49.7-66.6)
12th grade	92	1,511	63.7	(55.2-71.4)
Estimated grades in past year				
Mostly A's	228	2,991	51.8	(42.6-60.8)
Mostly B's	189	2,911	53.6	(44.4-62.5)
Mostly C's	79	993	44.0**	(27.7-61.7)**
Mostly D's or F's	28	409	67.4	(50.2-80.9)

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 28: Percent of high school students who have ever had a drink of alcohol, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

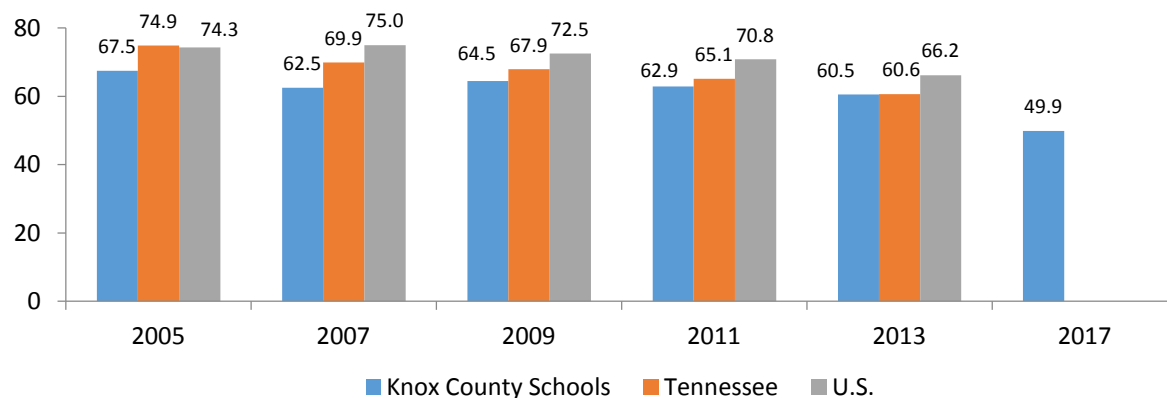


Table 29: Percent of Knox County Schools high school students reporting they drank alcohol (excluding alcohol for religious purposes) before the age 13, 2017

(Total responses = 1,102)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	147	1,734	11.1	(8.8-14.0)
Male	83	911	12.7	(9.7-16.5)
Female	64	823	9.8**	(6.5-14.3)**
Race/Ethnicity				
White (non-Hispanic)	87	957	8.2	(6.2-10.7)
Black (non-Hispanic)	24	236	11.0**	(7.2-16.5)**
Other race/ethnicity	36	542	30.4**	(18.9-44.9)**
School Grade				
9th grade	56	*	*	*
10th grade	40	500	11.0	(8.1-14.7)
11th grade	37	463	10.4**	(6.9-15.4)**
12th Grade	14	*	*	*
Estimated grades in past year				
Mostly A's	49	614	10.7**	(6.7-16.7)**
Mostly B's	46	489	9.1	(6.4-12.8)
Mostly C's	33	*	*	*
Mostly D's or F's	10	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 29: Percent of high schools students who drank alcohol (except for religious purposes) before the age of 13, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

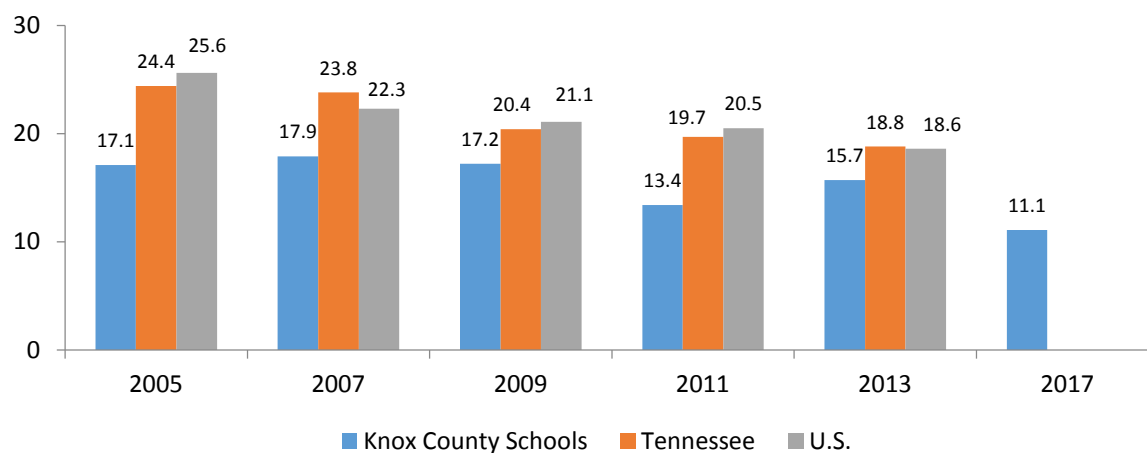


Table 30: Among Knox County Schools high school students who currently drink alcohol, the percentage reporting they had their first drink of alcohol before age 13, 2017
 (Total responses = 217)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	61	801	21.2**	(13.9-30.9)**
Male	28	321	19.2**	(11.8-29.5)**
Female	33	*	*	*
Race/Ethnicity				
White (non-Hispanic)	35	374	12.7	(8.1-19.5)
Black (non-Hispanic)	8	*	*	*
Other race/ethnicity	18	*	*	*
School Grade				
9th grade	17	*	*	*
10th grade	18	*	*	*
11th grade	18	*	*	*
12th grade	8	*	*	*
Estimated grades in past year				
Mostly A's	19	*	*	*
Mostly B's	17	*	*	*
Mostly C's	14	*	*	*
Mostly D's or F's	7	*	*	*

**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

Figure 30: Among Knox County Schools high school students who currently drink alcohol, the percentage who had their first drink of alcohol before the age of 13, 2013, 2017

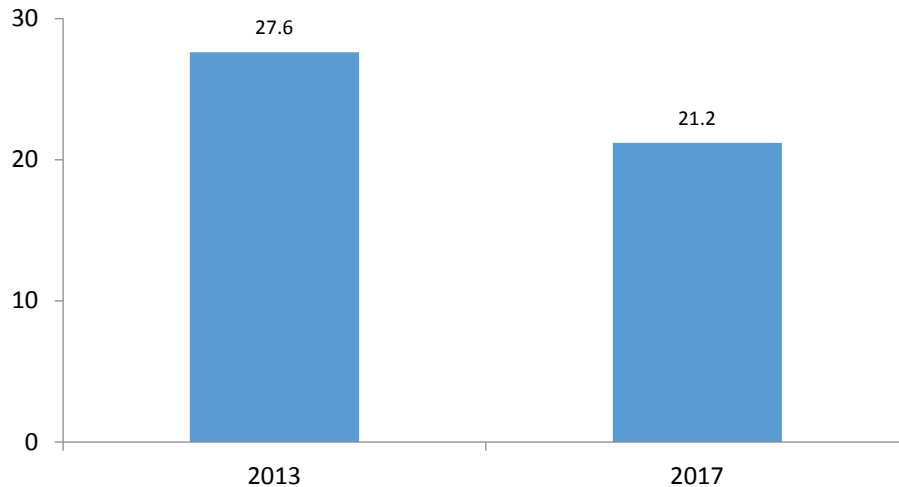


Table 31: Percent of Knox County Schools high school students reporting they had at least one drink of alcohol (excluding alcohol for religious purposes) during the past 30 days (current drinkers), 2017
(Total responses = 1,108)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	230	3,944	25.2	(20.0-31.2)
Male	90	1,769	24.4	(19.0-30.8)
Female	140	2,175	25.9	(17.8-36.0)
Race/Ethnicity				
White (non-Hispanic)	170	3,036	25.9	(19.5-33.6)
Black (non-Hispanic)	20	*	*	*
Other race/ethnicity	40	592	33.4**	(21.6-47.6)
School Grade				
9th grade	39	*	*	*
10th grade	79	981	21.4	(17.5-26.0)
11th grade	69	1,455	32.7	(24.7-41.8)
12th grade	43	711	30.0	(22.8-38.3)
Estimated grades in past year				
Mostly A's	83	1,381	23.9	(17.7-31.6)
Mostly B's	83	1,632	30.4**	(19.9-43.4)**
Mostly C's	36	*	*	*
Mostly D's or F's	13	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 31: Percent of high school students who had at least one drink of alcohol during the past 30 days (current drinkers), Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017; Healthy People 2020 Objective SA-13.1

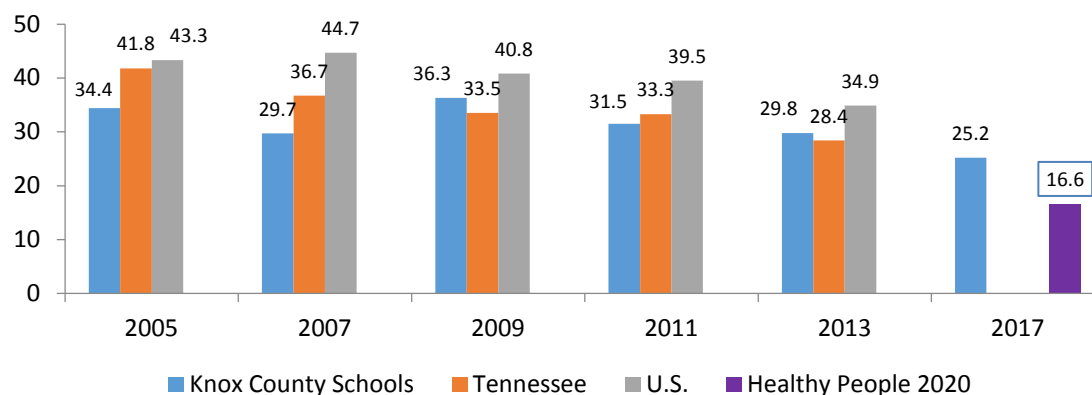


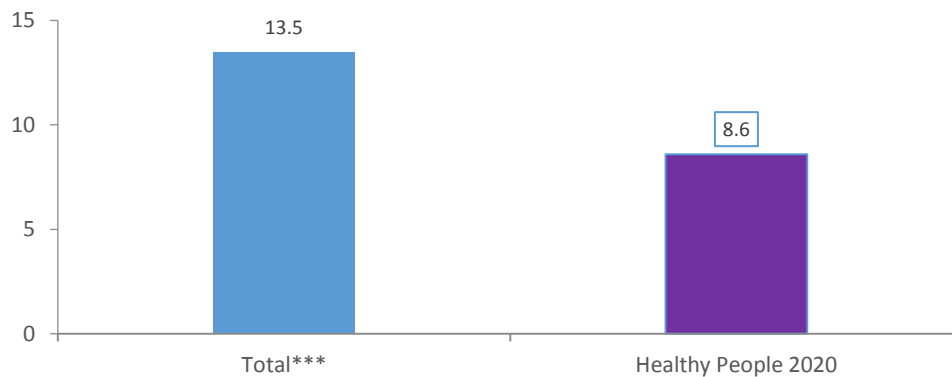
Table 32: Percent of Knox County Schools high school students reporting binge drinking (males: five or more drinks at one sitting; females: four or more drinks at one sitting) during the past 30 days, 2017
(Total responses = 1,112)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	132	2,122	13.5	(10.6-17.2)
Male	59	1,123	15.6	(11.2-21.2)
Female	73	999	11.2	(8.2-16.7)
Race/Ethnicity				
White (non-Hispanic)	90	1,427	12.1	(9.0-16.1)
Black (non-Hispanic)	11	*	*	*
Other race/ethnicity	31	131	32.0**	(20.1-46.8)**
School Grade				
9th grade	25	*	*	*
10th grade	45	558	12.1	(9.1-15.9)
11th grade	33	734	16.4**	(10.4-24.7)**
12th grade	29	538	23.1	(16.2-31.7)
Estimated grades in past year				
Mostly A's	41	778	13.5**	(8.6-20.5)**
Mostly B's	50	798	14.8	(20.1-21.2)
Mostly C's	23	*	*	*
Mostly D's or F's	6	*	*	*

**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

Figure 32: Percent of Knox County Schools high school students who binge drank (males five or more drinks at one sitting; females four or more drinks at one sitting) during the past 30 days, 2017, Healthy People 2020 Objective SA-14.4**



***The 2017 binge drinking estimate cannot be compared to estimates in previous YRBS efforts which were based on five or more drinks for either gender, not just males*

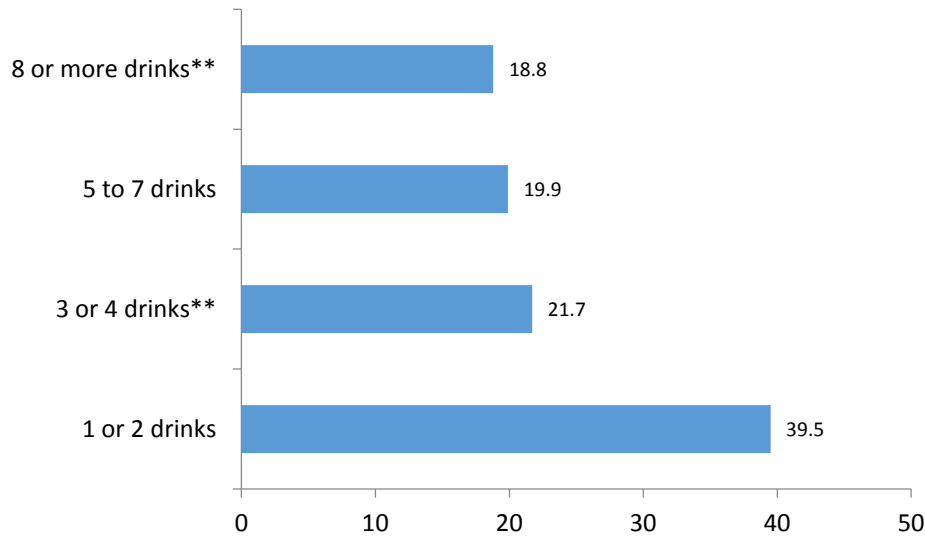
Table 33: Among Knox County Schools high school students who currently drink alcohol, the largest number of alcohol drinks they had in a row within a couple of hours during the past 30 days in 2017: Percentages

(Total responses = 221)

	Yes Responses	Weighted Yes Responses	Percentage	CI
1 or 2 drinks	87	1,520	39.5	(26.1-54.8)
3 or 4 drinks	45	835	21.7**	(14.3-31.6)**
5 to 7 drinks	52	766	19.9	(13.3-28.7)
8 or more drinks	37	724	18.8**	(11.3-29.6)**

**Limited reliability; interpret with extreme caution

Figure 33: Among Knox County Schools high school students who drink alcohol, the largest number of drinks they had in a row within a couple of hours during the past 30 days in 2017: Percentages



**Limited reliability; interpret with extreme caution

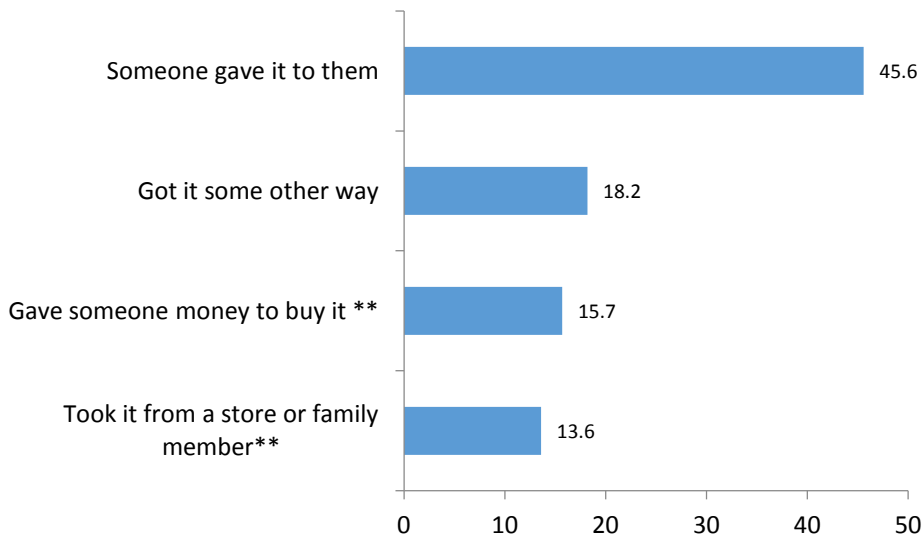
Table 34: Among Knox County Schools high school students who drink alcohol, how they usually obtained alcohol during the past 30 days in 2017: Percentages
 (Total responses = 273)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Bought it a store	11	*	*	*
Bought in a restaurant, bar, or club	2	*	*	*
Bought it a public event	4	*	*	*
Gave someone money to buy it	35	692	15.7**	(9.9-23.8)**
Someone gave it to them	111	2,016	45.6	(33.7-58.0)
Took it from a store or family member	45	600	13.6**	(8.9-20.2)**
Got it some other way	65	805	18.2	(12.7-25.3)

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 34: Among Knox County Schools high school students who drink alcohol, the top four methods for obtaining their alcohol during the past 30 days in 2017: Percentages



**Limited reliability; interpret with extreme caution

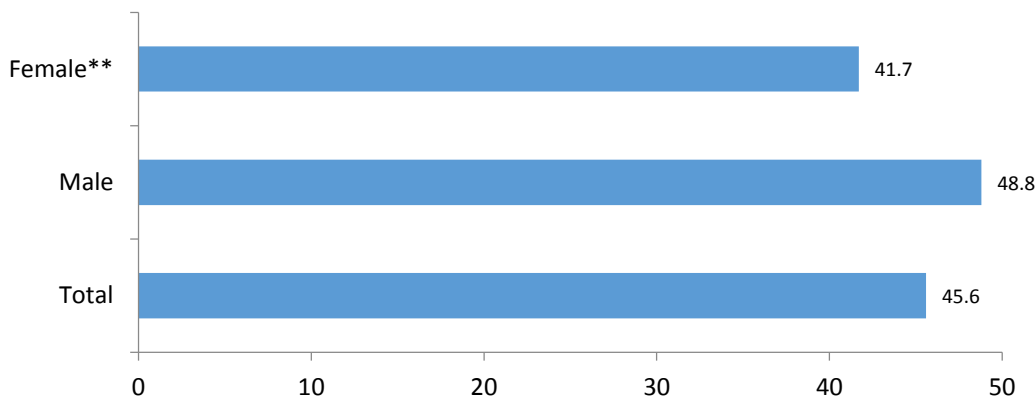
Table 35: Among Knox County Schools high school students who drink alcohol, the percent reporting they usually obtained alcohol by having someone give it to them during the past 30 days, 2017
 (Total responses = 273)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	111	2,016	45.6	(33.7-58.0)
Male	47	838	48.8	(29.4-55.1)
Female	64	1,178	41.7**	(30.8-67.1)**
Race/Ethnicity				
White (non-Hispanic)	89	1,755	50.5	(36.7-64.3)
Black (non-Hispanic)	13	*	*	*
Other race/ethnicity	9	*	*	*
School Grade				
9th grade	21	*	*	*
10th grade	39	*	*	*
11th grade	30	*	*	*
12th grade	21	331	49.0	(34.0-64.2)
Estimated grades in past year				
Mostly A's	44	663	43.3	(30.2-57.3)
Mostly B's	38	963	54.1**	(31.4-75.2)**
Mostly C's	19	*	*	*
Mostly D's or F's	5	*	*	*

**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

Figure 35: Among Knox County Schools high school students, those who usually obtained alcohol by having someone give it to them in the past 30 days by gender in 2017: Percentages



***Limited reliability; interpret with extreme caution*

Table 36: Percent of Knox County Schools high school students reporting they had ever used marijuana, 2017

(Total responses = 1,112)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	320	5,181	33.1	(25.4-42.8)
Male	126	2,310	32.1	(26.4-38.5)
Female	194	2,871	34.0	(25.4-43.8)
Race/Ethnicity				
White (non-Hispanic)	200	3,478	29.6	(23.1-37.2)
Black (non-Hispanic)	71	1,010	48.2	(39.3-57.3)
Other race/ethnicity	49	693	38.1	(26.2-51.6)
School Grade				
9th grade	45	*	*	*
10th grade	120	1,528	33.3	(28.6-38.5)
11th grade	93	1,788	40.3	(31.9-49.2)
12th grade	62	1,040	43.8	(35.7-52.4)
Estimated grades in past year				
Mostly A's	95	1,521	26.4	(19.9-34.1)
Mostly B's	116	1,698	31.3	(24.3-39.3)
Mostly C's	61	1,280	56.5	(39.2-72.4)
Mostly D's or F's	21	239	39.3**	(23.9-57.2)**

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 36: Percent of high school students who had ever used marijuana, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

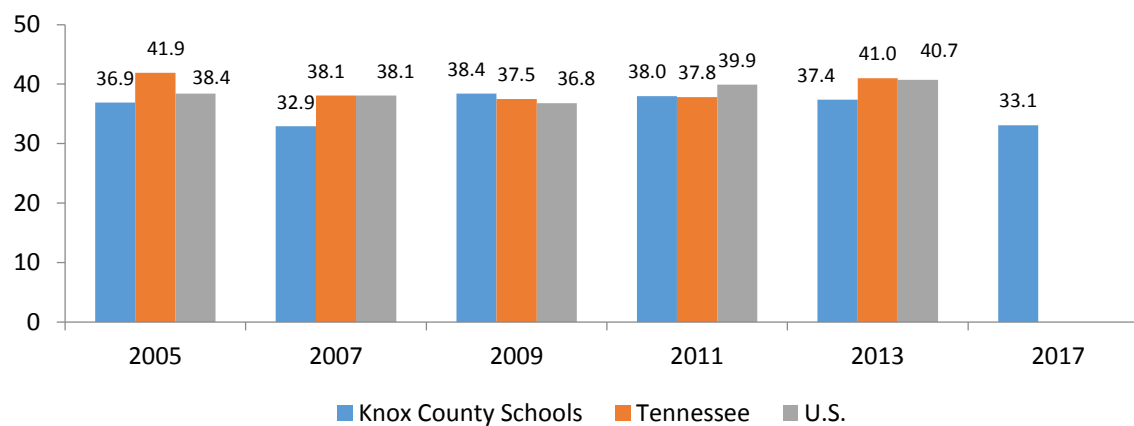


Table 37: Percent of Knox County Schools high school students reporting they used marijuana during the past 30 days (current marijuana users), 2017
 (Total responses = 1,109)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	192	3,205	20.7	(15.8-26.7)
Male	78	1,290	18.0	(13.6-23.4)
Female	114	1,914	23.0**	(15.1-33.4)**
Race/Ethnicity				
White (non-Hispanic)	112	1,986	16.9**	(11.2-24.7)**
Black (non-Hispanic)	43	651	31.1	(22.7-40.9)
Other race/ethnicity	37	568	34.7	(22.9-48.7)
School Grade				
9th grade	28	*	*	*
10th grade	79	998	21.6	(17.6-26.3)
11th grade	49	895	20.2	(14.1-28.2)
12th grade	36	607	26.0	(19.2-34.3)
Estimated grades in past year				
Mostly A's	48	784	13.6	(9.0-20.1)
Mostly B's	71	996	18.5	(13.5-24.7)
Mostly C's	43	*	*	*
Mostly D's or F's	16	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 37: Percent of high school students who used marijuana during the past 30 days (current marijuana users), Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017; Healthy People 2020 Objective SA-13.2

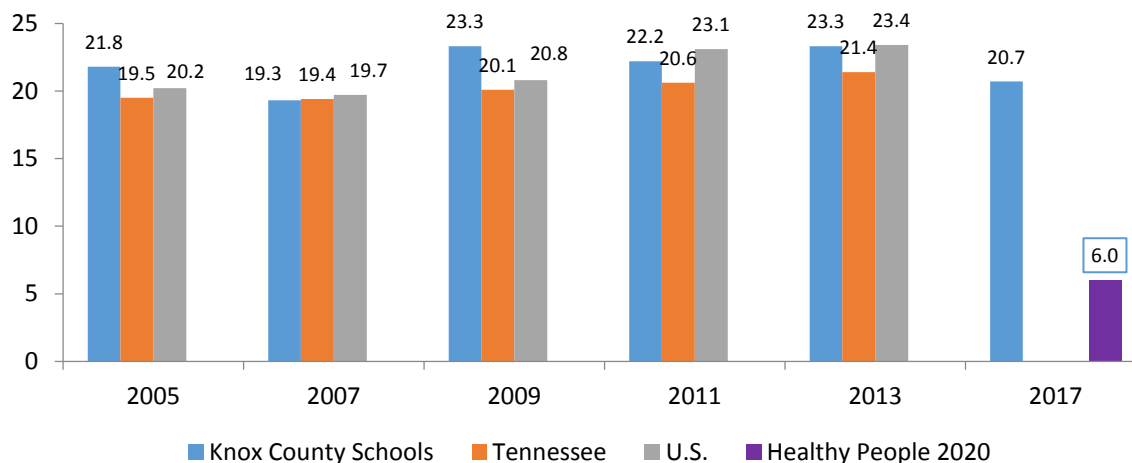


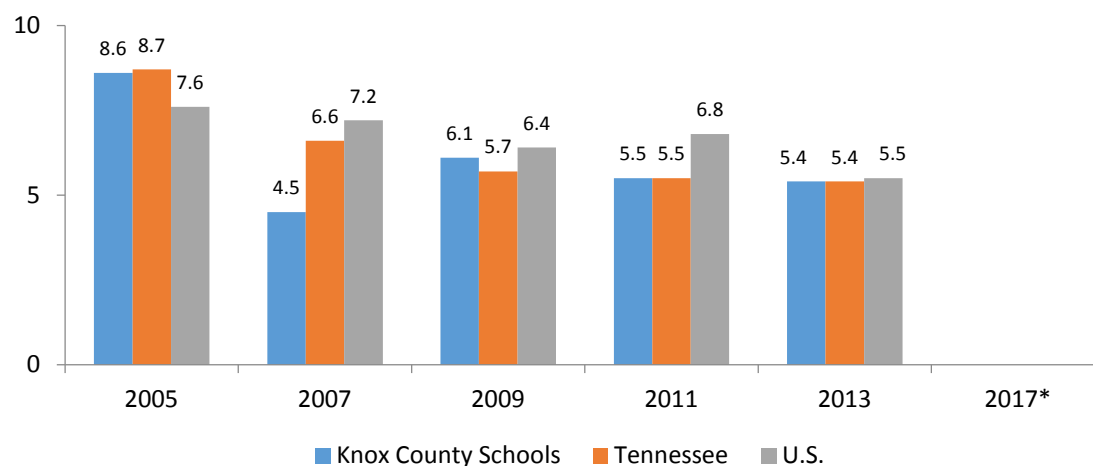
Table 38: Percent of Knox County Schools high school students reporting they had ever used cocaine, including powder, crack or freebase, 2017

(Total responses = 1,115)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	35	*	*	*
Male	18	*	*	*
Female	17	*	*	*
Race/ethnicity				
White (non-Hispanic)	15	*	*	*
Black (non-Hispanic)	3	*	*	*
Other race/ethnicity	17	*	*	*
School grade				
9th grade	8	*	*	*
10th grade	9	*	*	*
11th grade	10	*	*	*
12th grade	8	*	*	*
Estimated grades in past year				
Mostly A's	8	*	*	*
Mostly B's	9	*	*	*
Mostly C's	10	*	*	*
Mostly D's or F's	8	*	*	*

**Too unreliable to report*

Figure 38: Percent of high school students who have ever used cocaine or cocaine products, including powder, crack or freebase, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017



**The 2017 Knox County Schools estimate was too unreliable to report for this variable.*

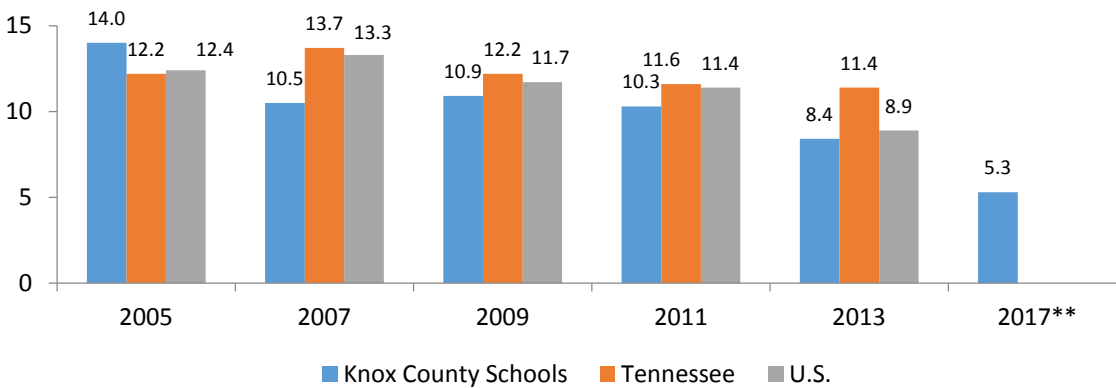
Table 39: Percent of Knox County Schools high school students reporting they had ever sniffed glue, breathed the contents of aerosol spray cans, or inhaled paints or sprays to get high, 2017
 (Total responses = 1,110)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	55	831	5.3**	(3.5-8.0)**
Male	29	414	5.8**	(3.6-9.3)**
Female	26	*	*	*
Race/ethnicity				
White (non-Hispanic)	29	406	3.5**	(2.2-5.5)**
Black (non-Hispanic)	9	*	*	*
Other race/ethnicity	17	*	*	*
School grade				
9th grade	14	*	*	*
10th grade	21	266	5.8	(3.8-8.8)
11th grade	12	*	*	*
12th grade	8	*	*	*
Estimated grades in past year				
Mostly A's	19	*	*	*
Mostly B's	17	*	*	*
Mostly C's	12	*	*	*
Mostly D's or F's	4	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 39: Percent of high school students who had ever sniffed glue, breathed the contents of aerosol spray cans, or inhaled paints or sprays to get high, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017



**Limited reliability-interpret with extreme caution

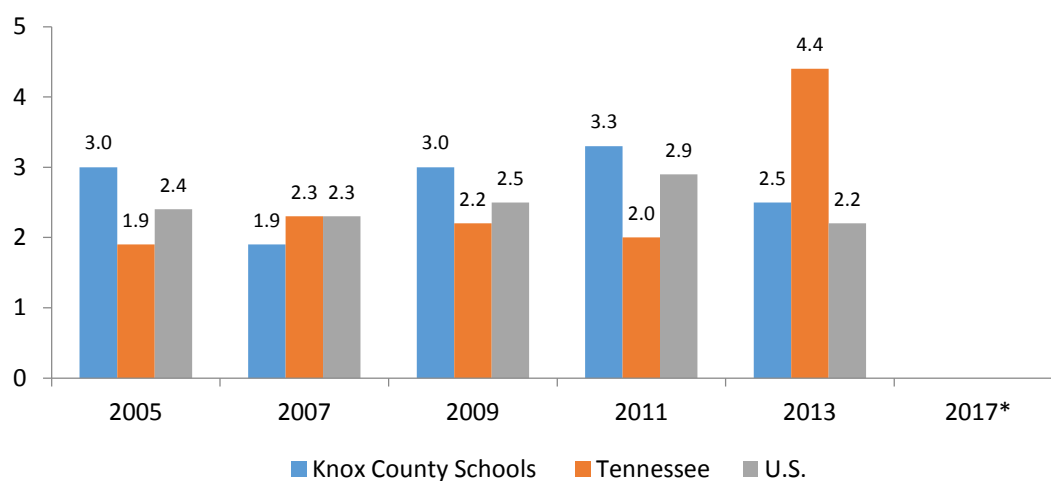
Table 40: Percent of Knox County Schools high school students reporting they had ever used heroin, 2017

(Total responses = 1,024)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	22	*	*	*
Male	10	*	*	*
Female	12	*	*	*
Race/ethnicity				
White (non-Hispanic)	6	*	*	*
Black (non-Hispanic)	4	*	*	*
Other race/ethnicity	12	*	*	*
School grade				
9th grade	4	*	*	*
10th grade	8	*	*	*
11th grade	5	*	*	*
12th grade	5	*	*	*
Estimated grades in past year				
Mostly A's	6	*	*	*
Mostly B's	7	*	*	*
Mostly C's	4	*	*	*
Mostly D's or F's	2	*	*	*

**Too unreliable to report*

Figure 40: Percent of high school students who have ever used heroin, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017



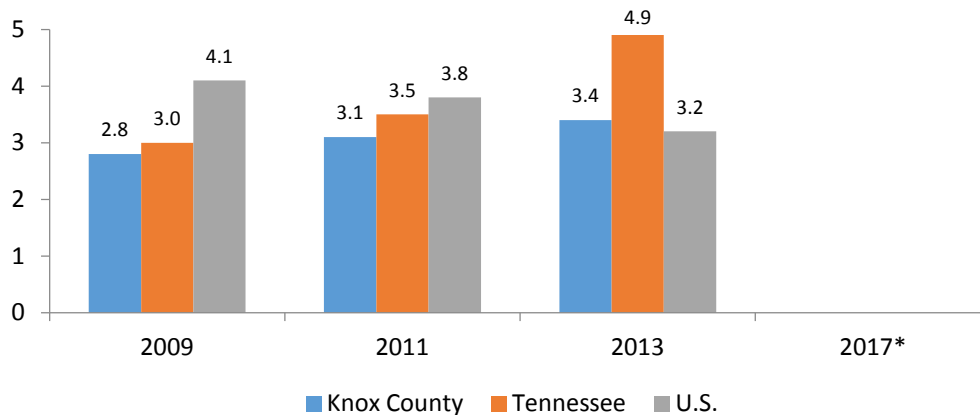
**The 2017 Knox County Schools estimate was too unreliable to report for this variable*

Table 41: Percent of Knox County Schools high school students reporting they had ever used methamphetamines (also known as speed, crystal, crank, or ice), 2017
 (Total responses = 1,111)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	24	*	*	*
Male	12	*	*	*
Female	12	*	*	*
Race/ethnicity				
White (non-Hispanic)	8	*	*	*
Black (non-Hispanic)	4	*	*	*
Other race/ethnicity	12	*	*	*
School grade				
9th grade	3	*	*	*
10th grade	9	*	*	*
11th grade	4	*	*	*
12th grade	8	*	*	*
Estimated grades in past year				
Mostly A's	8	*	*	*
Mostly B's	8	*	*	*
Mostly C's	3	*	*	*
Mostly D's or F's	2	*	*	*

**Too unreliable to report*

Figure 41: Percent of high school students who have ever used methamphetamines (also known as speed, crystal, crank or ice), Knox County Schools, Tennessee, U.S., 2009, 2011, 2013; Knox County Schools, 2017



**The 2017 Knox County Schools estimate was too unreliable to report for this variable*

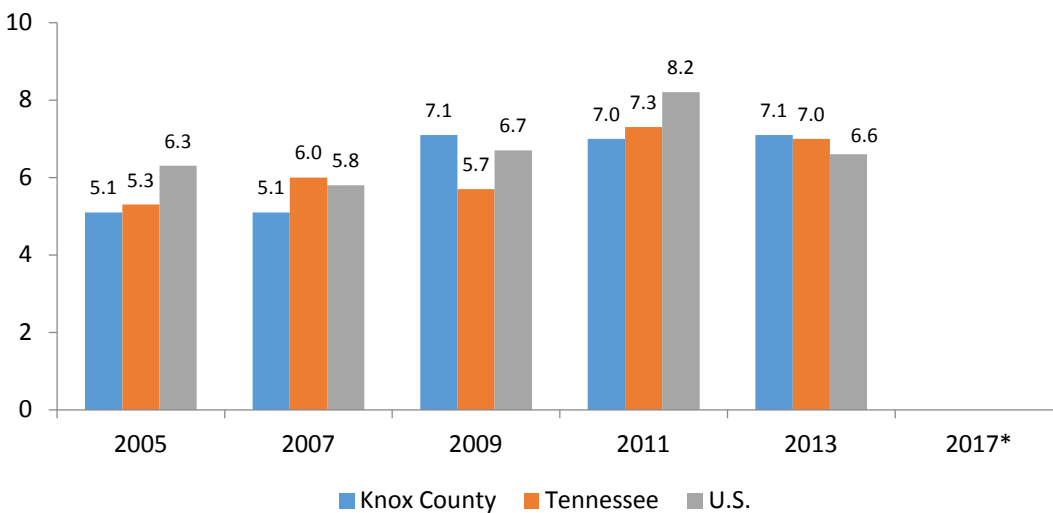
Table 42: Percent of Knox County Schools high school students reporting they had ever used ecstasy, 2017

(Total responses = 1,111)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	31	*	*	*
Male	16	*	*	*
Female	15	*	*	*
Race/ethnicity				
White (non-Hispanic)	12	*	*	*
Black (non-Hispanic)	3	*	*	*
Other race/ethnicity	16	*	*	*
School grade				
9th grade	7	*	*	*
10th grade	11	*	*	*
11th grade	7	*	*	*
12th grade	6	*	*	*
Estimated grades in past year				
Mostly A's	10	*	*	*
Mostly B's	10	*	*	*
Mostly C's	4	*	*	*
Mostly D's or F's	3	*	*	*

*Too unreliable to report

Figure 42: Percent of high school schools students who have ever used ecstasy (MDMA), Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017



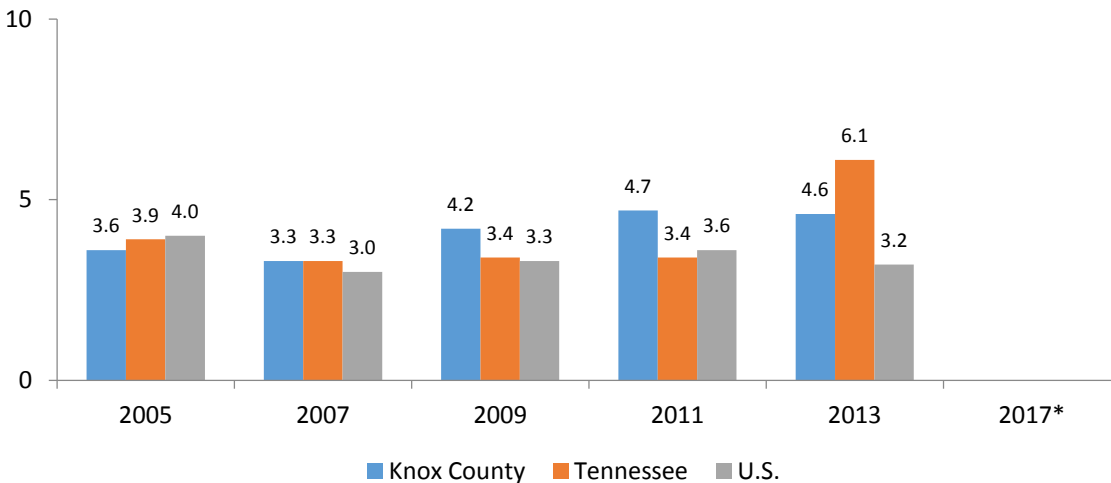
*The 2017 Knox County Schools estimate was too unreliable to report for this variable

Table 43: Percent of Knox County Schools high school students reporting they had ever used steroid pills or shots without a doctor’s prescription, 2017
 (Total responses = 1,109)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	30	*	*	*
Male	16	*	*	*
Female	14	*	*	*
Race/ethnicity				
White (non-Hispanic)	12	*	*	*
Black (non-Hispanic)	4	*	*	*
Other race/ethnicity	14	*	*	*
School grade				
9th grade	5	*	*	*
10th grade	9	*	*	*
11th grade	9	*	*	*
12th grade	7	*	*	*
Estimated grades in past year				
Mostly A's	7	*	*	*
Mostly B's	10	*	*	*
Mostly C's	6	*	*	*
Mostly D's or F's	3	*	*	*

**Too unreliable to report*

Figure 43: Percent of high school students who have ever taken steroid pills or shots without a doctor’s prescription, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017



**The 2017 Knox County Schools estimate was too unreliable to report for this variable*

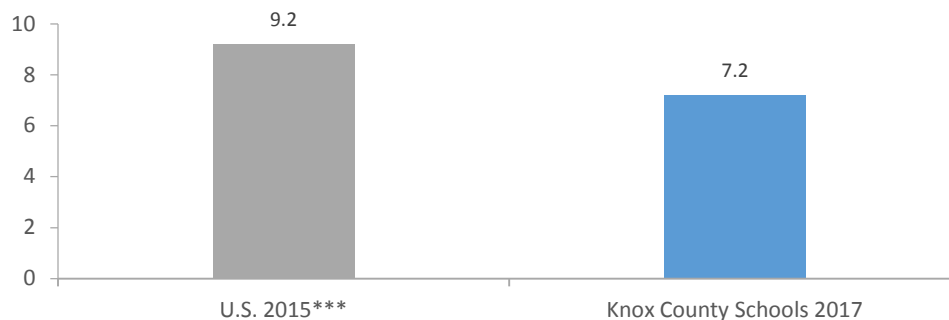
Table 44: Percent of Knox County Schools high school students reporting they had ever used synthetic marijuana (also called K2, Spice, fake weed, King Kong, Yucatan Fire, Skunk or moon rock), 2017
(Total responses = 1,087)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	74	1,098	7.2	(5.3-9.8)
Male	36	429	5.3	(3.6-7.7)
Female	38	670	9.6**	(6.2-14.5)**
Race/ethnicity				
White (non-Hispanic)	44	718	6.2**	(4.1-9.4)**
Black (non-Hispanic)	11	*	*	*
Other race/ethnicity	19	*	*	*
School grade				
9th grade	17	*	*	*
10th grade	19	*	*	*
11th grade	24	*	*	*
12th grade	14	*	*	*
Estimated grades in past year				
Mostly A's	17	*	*	*
Mostly B's	28	*	*	*
Mostly C's	13	*	*	*
Mostly D's or F's	8	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 44: Percent of high school students who have ever used synthetic marijuana (also called K2, Spice, fake weed, King Kong, Yucatan Fire, Skunk or moon rock), U.S., 2015; Knox County Schools, 2017



*** National data were drawn from 2015, the most recent available year. Please interpret with caution.

Table 45: The self-reported number of times Knox County Schools high school students have taken prescription drugs such as codeine, Vicodin, OxyContin, hydrocodone, and Percocet without a prescription or as directed by a doctor, 2017

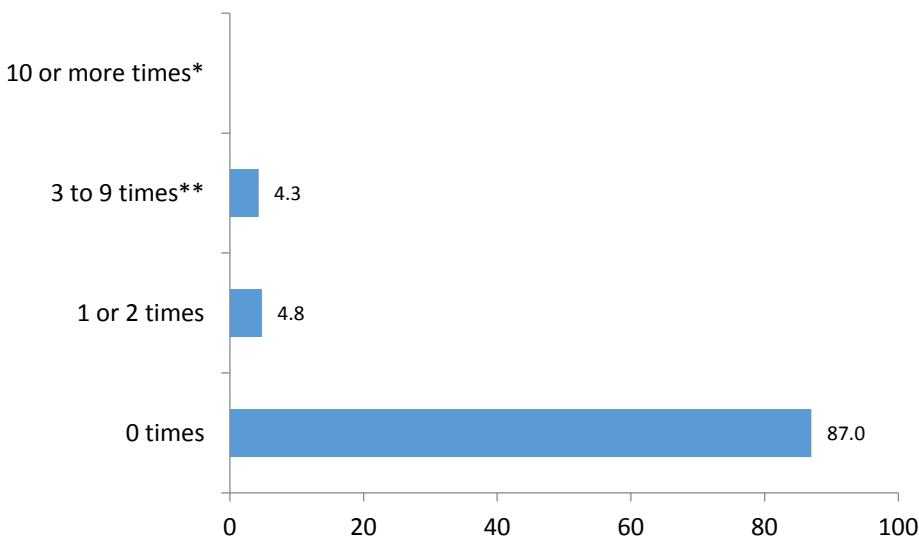
(Total responses = 1,109)

	Yes Responses	Weighted Yes Responses	Percentage	CI
0 times	967	13,569	87.0	(83.7-89.7)
1 or 2 times	68	742	4.8	(3.6-6.2)
3 to 9 times	36	669	4.3**	(2.8-6.5)**
10 or more times	38	625	*	*

**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

Figure 45: Percent of times Knox County Schools high school students have taken prescription drugs such as codeine, Vicodin, OxyContin, hydrocodone, and Percocet without a prescription or as directed by a doctor, 2017



**Too unreliable to report.*

***Limited reliability; interpret with extreme caution*

Table 46: Percent of Knox County Schools high school students reporting they have ever taken prescription pain medicine such as codeine, Vicodin, OxyContin, hydrocodone, and Percocet without a prescription, or as directed by a doctor, 2017

(Total responses = 1,109)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	142	2,035	13.0	(10.3-16.30)
Male	62	970	13.5	(9.9-18.2)
Female	80	1,065	12.6	(8.9-17.5)
Race/ethnicity				
White (non-Hispanic)	98	1,347	11.5	(8.8-14.9)
Black (non-Hispanic)	17	*	*	*
Other race/ethnicity	27	*	*	*
School grade				
9th grade	24	*	*	*
10th grade	58	749	16.3	(12.7-20.6)
11th grade	35	543	12.3**	(7.8-19.8)**
12th grade	25	462	19.8	(13.5-28.2)
Estimated grades in past year				
Mostly A's	43	701	12.1	(7.6-18.6)
Mostly B's	49	612	11.4	(8.1-15.8)
Mostly C's	25	*	*	*
Mostly D's or F's	8	*	*	*

**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

Figure 46: Percent of Knox County Schools high school students who have taken prescription pain medicine such as codeine, Vicodin, OxyContin, hydrocodone, and Percocet without a prescription, or as directed by a doctor by gender, 2017

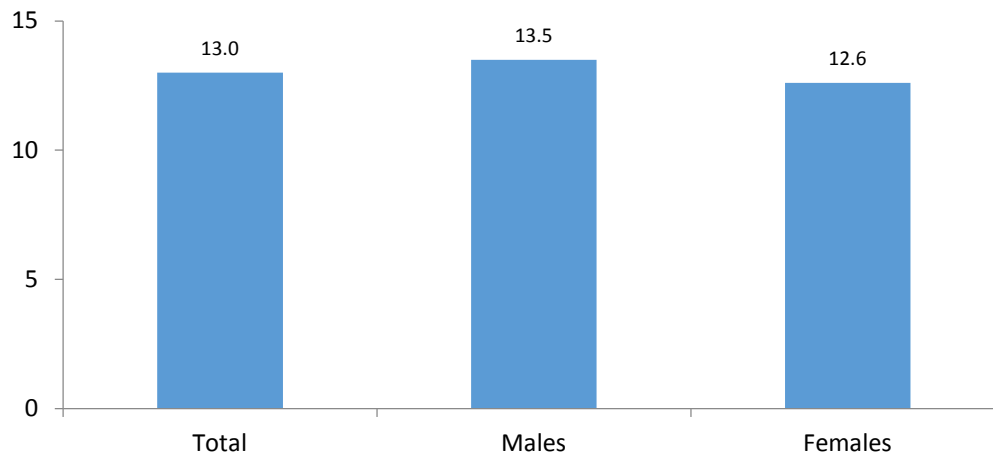
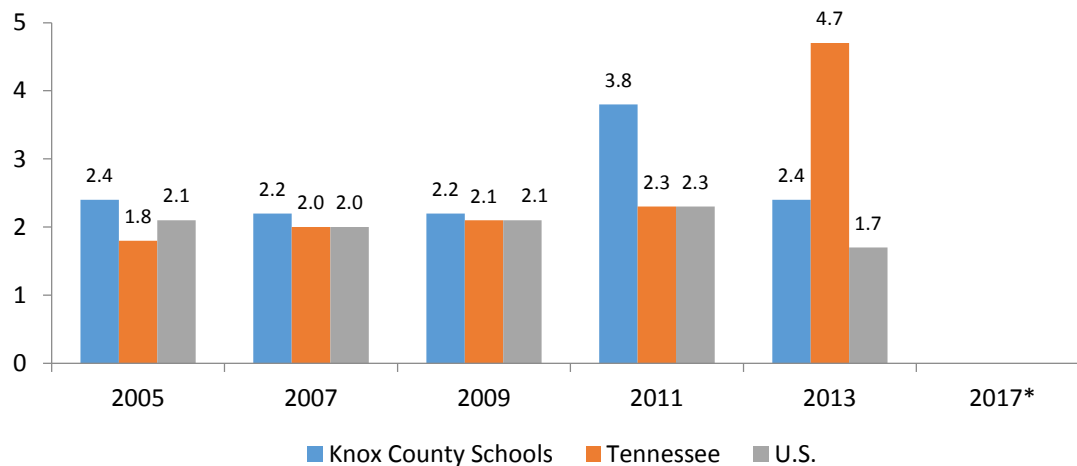


Table 47: Percent of Knox County Schools high school students reporting they had ever used a needle to inject illegal drugs, 2017
 (Total responses = 1,106)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	20	*	*	*
Male	8	*	*	*
Female	12	*	*	*
Race/ethnicity				
White (non-Hispanic)	7	*	*	*
Black (non-Hispanic)	5	*	*	*
Other race/ethnicity	8	*	*	*
School grade				
9th grade	4	*	*	*
10th grade	4	*	*	*
11th grade	4	*	*	*
12th grade	8	*	*	*
Estimated grades in past year				
Mostly A's	7	*	*	*
Mostly B's	7	*	*	*
Mostly C's	2	*	*	*
Mostly D's or F's	0	*	*	*

**Too unreliable to report*

Figure 47: Percent of high school students who had ever used a needle to inject illegal drugs, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017



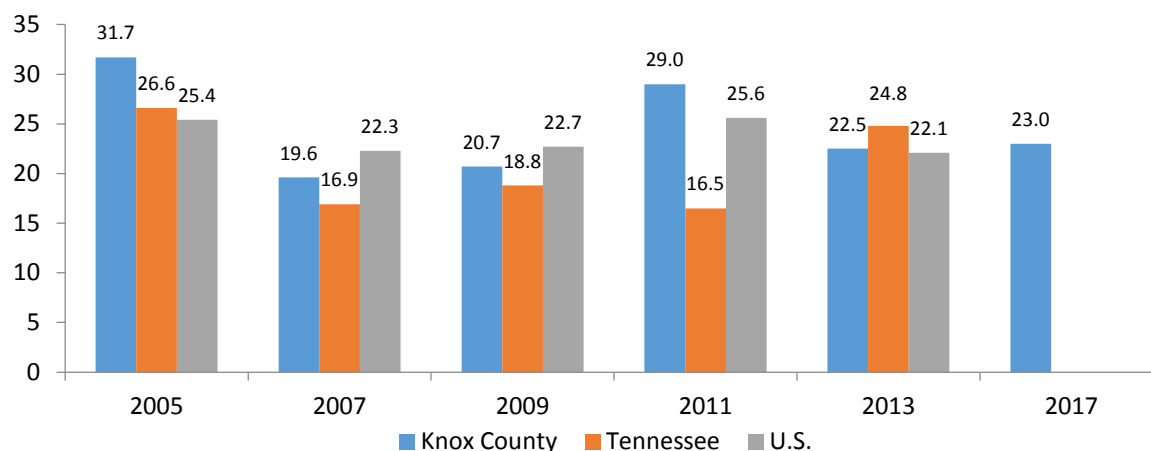
**The 2017 Knox County Schools estimate was too unreliable to report for this variable*

Table 48: Percent of Knox County Schools high school students reporting that someone had offered, sold or given them an illegal drug on school property during the past 12 months, 2017
(Total responses = 1,105)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	251	3,574	23.0	(19.2-27.3)
Male	125	1,978	27.7	(22.4-33.7)
Female	126	1,596	19.0	(14.3-24.7)
Race/ethnicity				
White (non-Hispanic)	173	2,463	21.0	(16.8-25.9)
Black (non-Hispanic)	39	531	25.3	(17.9-34.6)
Other race/ethnicity	39	580	33.2	(21.3-47.8)
School grade				
9th grade	63	568	13.4	(7.4-23.0)
10th grade	87	1,131	24.7	(20.4-29.5)
11th grade	64	1,230	28.0	(20.5-36.8)
12th grade	37	646	27.6	(20.4-36.2)
Estimated grades in past year				
Mostly A's	89	1,281	22.2	(16.4-29.4)
Mostly B's	97	1,378	25.6	(19.4-33.0)
Mostly C's	36	442	19.7	(11.6-31.6)
Mostly D's or F's	11	*	*	*

**Too unreliable to report*

Figure 48: Percent of high school students who were offered, sold, or given an illegal drug on school property during the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017



Section 5: Weight Control and Diet

Table 49: Percent of Knox County Schools high school students who were overweight (85.0 to 94.9 BMI percentile) based on self-reported height and weight, 2017

(Total responses = 1,120)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	173	2,236	14.1	(11.4-17.4)
Male	82	1,087	12.8	(9.1-17.7)
Female	91	1,146	15.8	(12.2-20.2)
Race/ethnicity				
White (non-Hispanic)	121	1,464	12.4	(9.7-15.7)
Black (non-Hispanic)	29	430	19.8**	(13.0-29.0)**
Other race/ethnicity	23	*	*	*
School grade				
9th grade	49	*	*	*
10th grade	60	800	17.4	(13.7-21.8)
11th grade	41	604	13.4**	(8.8-19.9)**
12th grade	23	353	14.7	(9.9-21.2)
Estimated grades in past year				
Mostly A's	62	711	12.3	(9.0-16.6)
Mostly B's	63	774	14.2	(10.4-19.1)
Mostly C's	26	*	*	*
Mostly D's or F's	6	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 49: Percent of high school students who were overweight (85.0 to 94.9 BMI percentile) based on self-reported height and weight, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

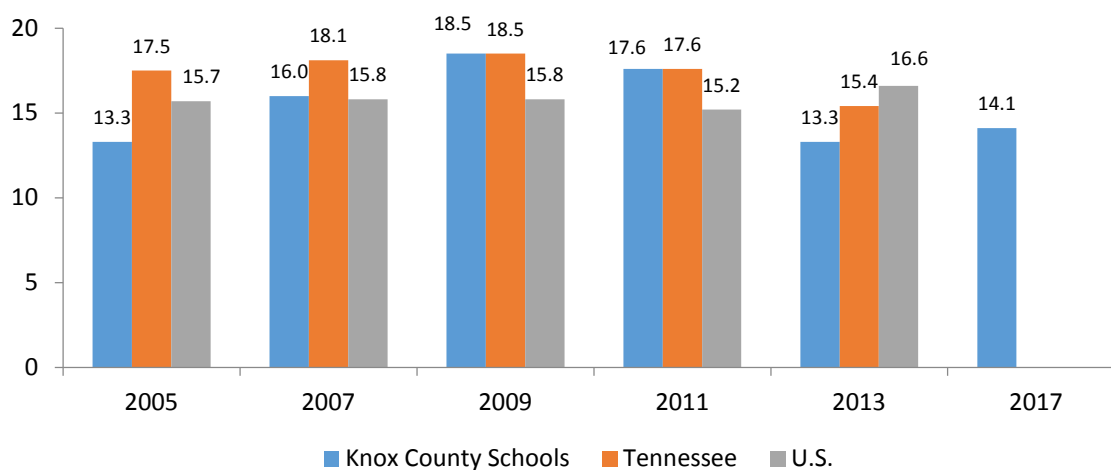


Table 50: Percent of Knox County Schools high school students who were obese (95.0 BMI percentile or greater) based on self-reported height and weight, 2017
 (Total responses = 1,120)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	182	3,160	20.0	(14.3-27.3)
Male	60	947	13.0	(9.2-18.1)
Female	122	2,213	26.0**	(16.6-38.2)**
Race/ethnicity				
White (non-Hispanic)	122	2,527	21.4**	(14.2-31.1)**
Black (non-Hispanic)	34	387	17.9	(12.7-24.6)
Other race/ethnicity	26	245	13.4**	(8.5-20.6)**
School grade				
9th grade	34	*	*	*
10th grade	57	720	15.6	(12.2-19.8)
11th grade	62	943	20.9	(14.8-28.6)
12th grade	29	450	18.7	(13.2-25.8)
Estimated grades in past year				
Mostly A's	56	680	11.7	(8.4-16.2)
Mostly B's	62	*	*	*
Mostly C's	34	*	*	*
Mostly D's or F's	12	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 50: Percent of high school students who were obese (95.0 BMI percentile or greater) based on self-reported height and weight, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017; Healthy People 2020 Objective NWS-10.3

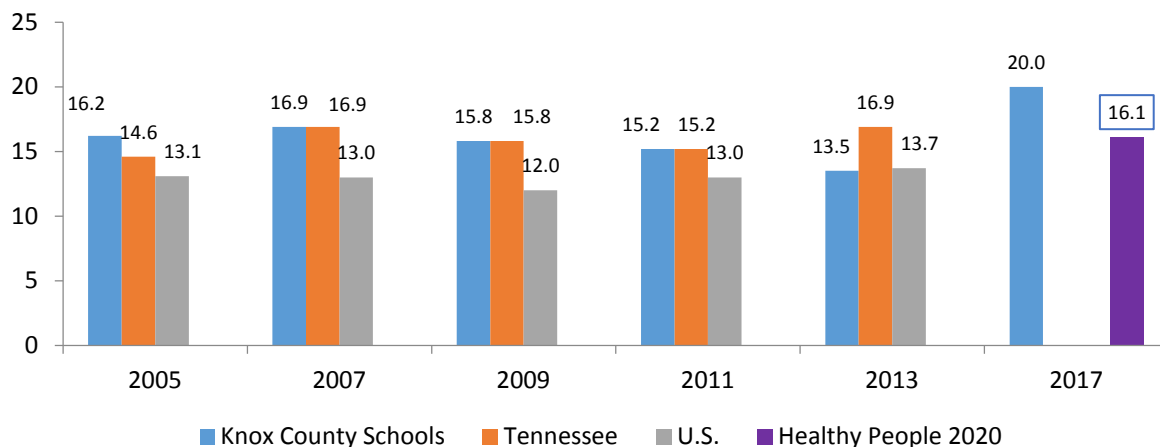


Table 51: Percent of Knox County Schools high school students reporting they were “overweight” or “slightly overweight,” 2017
 (Total responses = 1,103)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	347	5,749	37.1	(30.5-44.2)
Male	173	2,378	33.7	(28.2-39.7)
Female	174	3,371	39.9	(29.3-51.6)
Race/ethnicity				
White (non-Hispanic)	240	4,468	38.2	(29.9-47.2)
Black (non-Hispanic)	56	657	31.5	(24.0-40.2)
Other race/ethnicity	51	623	36.4	(24.4-50.4)
School grade				
9th grade	101	2,047	48.5**	(29.6-67.8)**
10th grade	111	1,455	32.0	(27.2-37.1)
11th grade	88	1,492	33.7	(25.9-42.4)
12th grade	47	756	32.9	(25.6-41.2)
Estimated grades in past year				
Mostly A's	129	1,517	26.5	(20.9-33.0)
Mostly B's	120	2,010	37.4	(27.1-49.0)
Mostly C's	55	1,124	50.0**	(31.3-68.7)**
Mostly D's or F's	16	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 51: Percent of high school students who reported they were overweight or slightly overweight, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

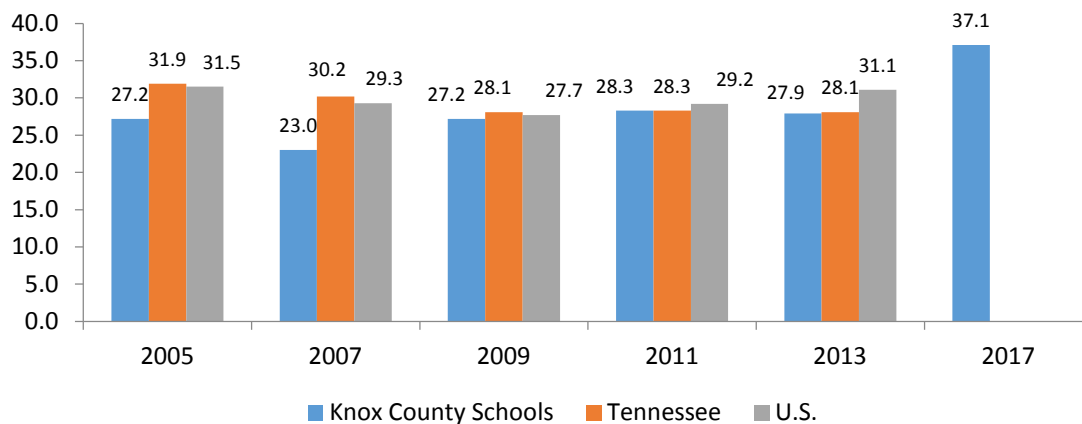


Table 52: Percent of Knox County Schools high school students reporting they are trying to lose weight, 2017

(Total responses = 1,104)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	506	7,715	49.6	(43.4-55.9)
Male	242	3,326	46.7	(40.7-52.7)
Female	264	4,389	52.1	(42.0-62.1)
Race/ethnicity				
White (non-Hispanic)	357	5,937	50.7	(42.8-58.5)
Black (non-Hispanic)	84	1,001	48.0	(39.1-57.1)
Other race/ethnicity	65	77	44.7	(32.2-57.9)
School grade				
9th grade	141	2,348	55.6	(36.7-72.9)
10th grade	172	2,204	47.9	(42.7-53.2)
11th grade	128	2,132	48.5	(39.9-57.2)
12th grade	65	1,030	44.5	(36.3-52.9)
Estimated grades in past year				
Mostly A's	206	2,613	45.9	(37.3-54.6)
Mostly B's	182	2,785	51.3	(42.0-60.6)
Mostly C's	64	1,184	52.3	(34.0-69.9)
Mostly D's or F's	22	338	56.0	(37.7-72.8)

Figure 52: Percent of high school students trying to lose weight, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

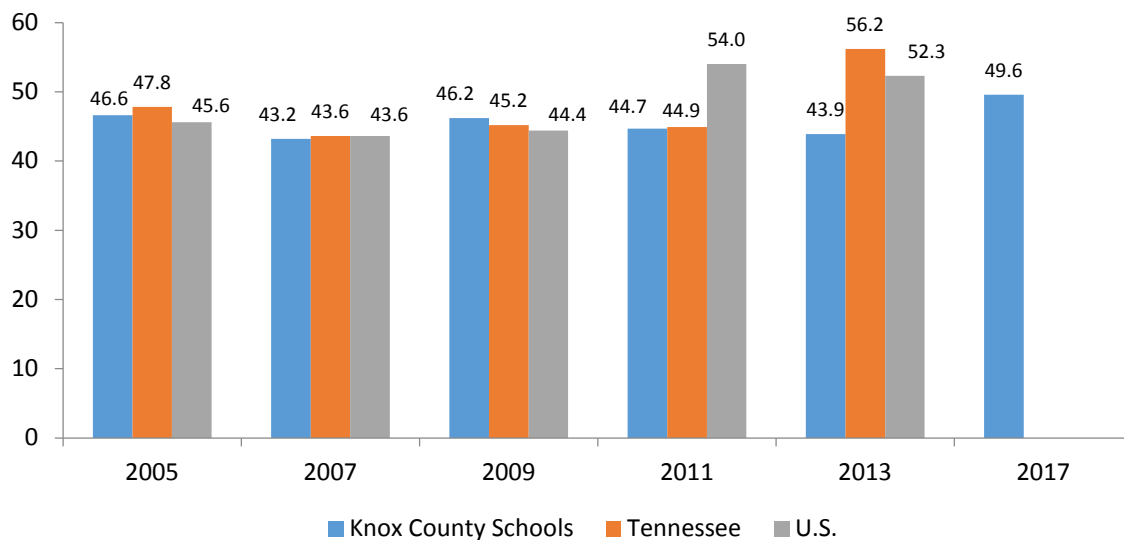


Table 53: Percent of Knox County Schools high school students reporting they ate no vegetables (green salad, potatoes [excluding french fries, fried potatoes and potato chips], carrots or other vegetables) in the past seven days, 2017

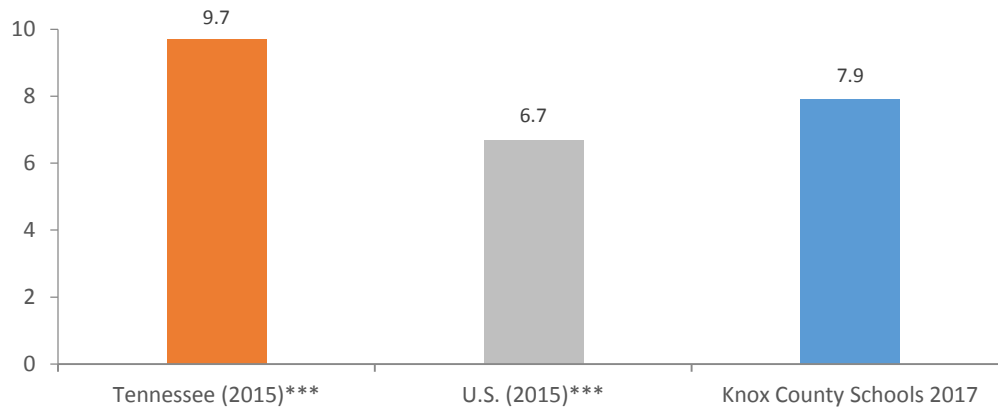
(Total responses = 1,120)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	94	1,250	7.9	(6.0-10.4)
Male	51	725	10.0	(6.8-14.5)
Female	43	524	6.2	(4.3-8.7)
Race/ethnicity				
White (non-Hispanic)	62	837	7.1	(5.0-10.0)
Black (non-Hispanic)	16	*	*	*
Other race/ethnicity	16	*	*	*
School grade				
9th grade	31	215	5.0	(3.0-8.4)
10th grade	32	405	8.8	(6.2-12.2)
11th grade	19	*	*	*
12th grade	12	*	*	*
Estimated grades in past year				
Mostly A's	25	*	*	*
Mostly B's	25	262	4.8**	(3.1-9.5)**
Mostly C's	21	*	*	*
Mostly D's or F's	11	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 53: Percent of high school students reporting they ate no vegetables (green salad, potatoes [excluding french fries, fried potatoes or potato chips], carrots or other vegetables) in the past seven days, Tennessee, U.S., 2015; Knox County Schools, 2017



*** Tennessee's and the nation's data were drawn from the most recent available year: 2015. Please interpret with caution.

Table 54: Percent of Knox County Schools high school students reporting they drank two or more cans, bottles or glasses of soda per day during the past seven days (excludes diet soda), 2017
(Total responses = 1,104)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	183	2,341	15.0	(11.7-19.7)
Male	74	1,052	14.7	(10.9-19.6)
Female	109	1,289	15.2	(11.7-19.7)
Race/ethnicity				
White (non-Hispanic)	122	1,690	14.4	(11.2-18.4)
Black (non-Hispanic)	39	444	21.3	(15.5-28.5)
Other race/ethnicity	22	207	11.4	(7.0-18.1)
School grade				
9th grade	36	253	6.0	(3.6-9.9)
10th grade	74	956	20.8	(16.8-25.4)
11th grade	48	741	16.7	(11.3-24.1)
12th grade	25	390	16.4	(11.3-23.3)
Estimated grades in past year				
Mostly A's	39	527	9.1	(5.9-13.8)
Mostly B's	64	692	14.6	(10.7-19.7)
Mostly C's	45	513	22.6**	(14.1-34.4)**
Mostly D's or F's	15	*	*	*

**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

Figure 54: Percent of students who drank two or more cans of soda a day during the past seven days (excluding diet soda), Knox County Schools, Tennessee, U.S., 2013; Knox County Schools, 2017

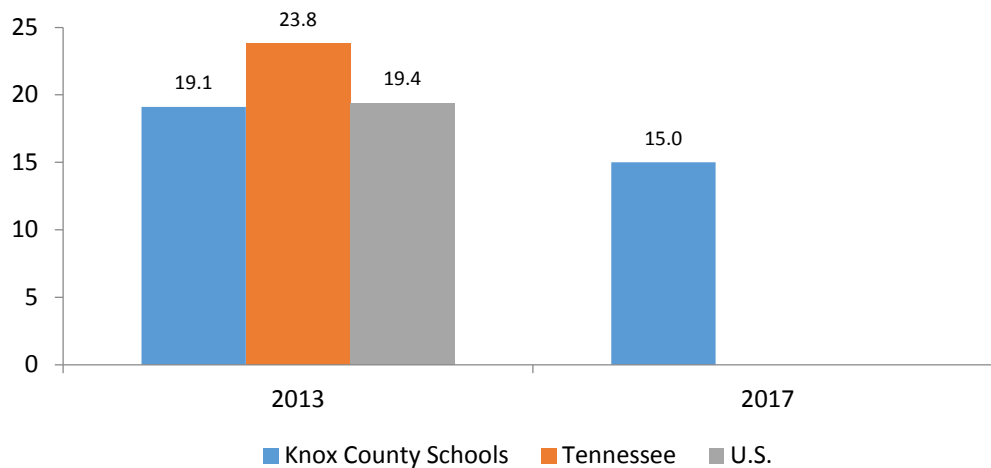


Table 55: Percent of Knox County Schools high school students reporting they drank three or more glasses of milk per day during the past seven days, 2017
 (Total responses = 1,099)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	83	1,049	6.8	(5.1-8.9)
Male	42	591	9.3	(5.6-12.1)
Female	41	458	5.4	(3.8-7.8)
Race/ethnicity				
White (non-Hispanic)	62	792	6.8	(4.8-9.5)
Black (non-Hispanic)	12	*	*	*
Other race/ethnicity	8	*	*	*
School grade				
9th grade	22	*	*	*
10th grade	28	379	8.3	(5.8-11.8)
11th grade	27	*	*	*
12th grade	6	*	*	*
Estimated grades in past year				
Mostly A's	31	*	*	*
Mostly B's	28	325	6.0	(4.0-9.1)
Mostly C's	13	*	*	*
Mostly D's or F's	3	*	*	*

**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

Figure 55: Percent of Knox County Schools high school students who drank three or more glasses of milk per day during the past seven days, 2013, 2017

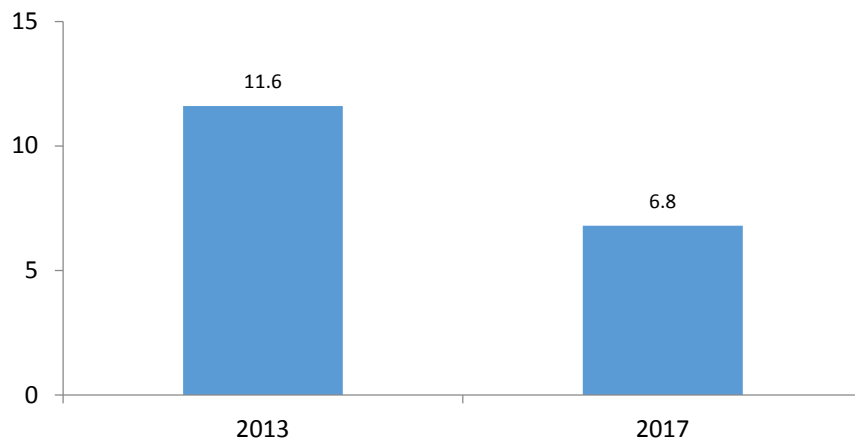
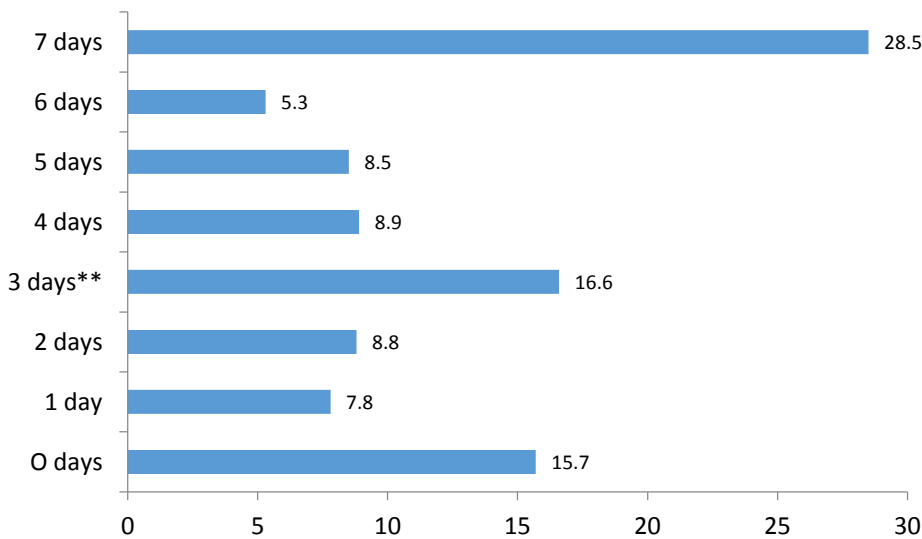


Table 56: Responses to the question “During the past seven days, on how many days did you eat breakfast?” among Knox County Schools high school students in 2017: Percentages
 (Total responses = 1,102)

	Yes Responses	Weighted Yes Responses	Percentage	CI
0 days	134	2,441	15.7	(10.9-22.0)
1 day	84	1,209	7.8	(5.8-10.4)
2 days	111	1,368	8.8	(6.9-11.2)
3 days	123	2,578	16.6**	(10.9-24.4)**
4 days	106	1,389	8.9	(6.9-11.5)
5 days	106	1,318	8.5	(6.6-10.9)
6 days	73	826	5.3	(4.0-7.1)
7 days	365	4,432	28.5	(23.5-34.1)

***Limited reliability; interpret with extreme caution*

Figure 56: Number of days Knox County Schools high school students ate breakfast during the past seven days in 2017: Percentages



***Limited reliability; interpret with extreme caution*

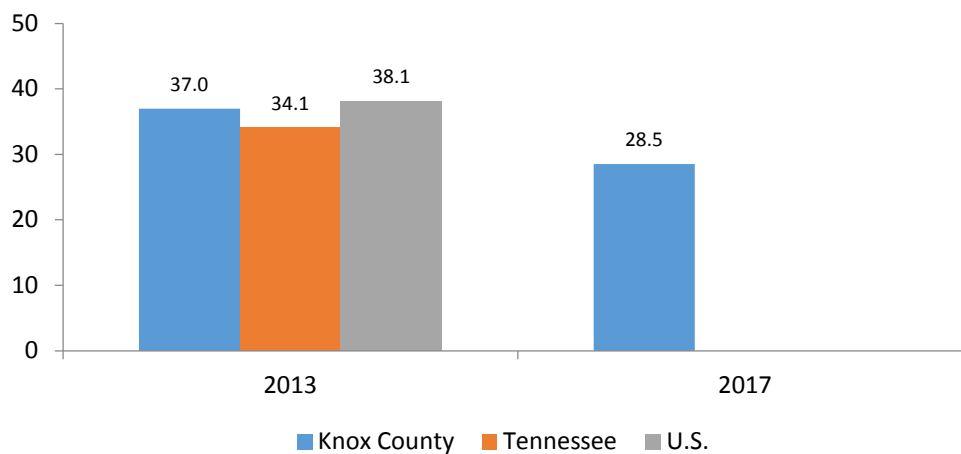
Table 57: Percent of Knox County Schools high school students reporting they ate breakfast every day during the past seven days, 2017
 (Total responses = 1,120)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	365	4,432	28.5	(23.5-34.1)
Male	191	2,012	28.3	(23.7-33.3)
Female	174	2,420	28.6	(20.6-38.3)
Race/ethnicity				
White (non-Hispanic)	267	3,460	29.6	(23.2-36.9)
Black (non-Hispanic)	51	570	27.5	(20.4-36.0)
Other race/ethnicity	47	402	22.3	(15.4-31.2)
School grade				
9th grade	131	*	*	*
10th grade	110	1,397	30.7	(26.0-35.8)
11th grade	80	1,008	22.7	(17.0-29.7)
12th grade	44	689	29.2	(22.5-37.2)
Estimated grades in past year				
Mostly A's	179	2,270	39.2	(29.9-49.4)
Mostly B's	104	1,343	25.0	(18.8-31.7)
Mostly C's	50	507	22.6**	(14.0-33.9)**
Mostly D's or F's	11	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 57: Percent of high school students who ate breakfast every day during the past seven days, Knox County Schools, Tennessee, U.S., 2013; Knox County Schools, 2017



Section 6: **Physical Activity**

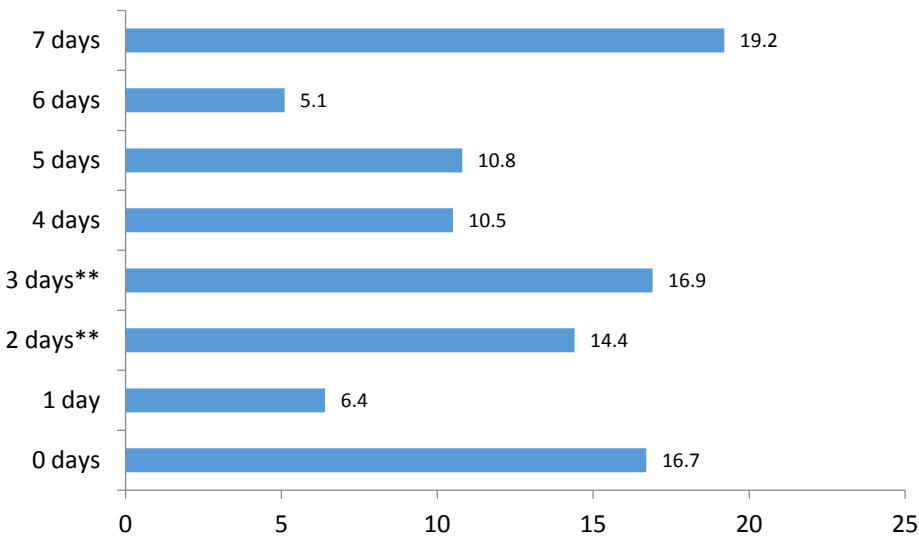
Table 58: Responses to the question “During the past seven days, on how many days were you physically active for a total of at least 60 minutes per day?” among Knox County Schools high school students in 2017: Percentages

(Total responses = 1,101)

	Yes Responses	Weighted Yes Responses	Percentage	CI
0 days	180	2,592	16.7	(13.4-20.6)
1 day	88	1,000	6.4	(4.9-8.4)
2 days	104	2,239	14.4**	(8.8-22.6)**
3 days	136	2,629	16.9**	(11.2-24.7)**
4 days	128	1,630	10.5	(8.2-13.3)
5 days	147	1,682	10.8	(8.7-13.4)
6 days	59	785	5.1	(3.5-7.2)
7 days	259	2,981	19.2	(16.1-22.7)

***Limited reliability; interpret with extreme caution*

Figure 58: Number of days Knox County Schools high school students were physically active for at least 60 minutes during the past seven days in 2017: Percentages



***Limited reliability; interpret with extreme caution*

Table 59: Percent of Knox County Schools high school students reporting they did not participate in at least 60 minutes of physical activity on any day during the past seven days, 2017

(Total responses = 1,101)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	180	2,592	16.7	(13.4-20.6)
Male	87	1,278	15.6	(11.0-21.6)
Female	93	1,315	18.0	(13.8-23.1)
Race/ethnicity				
White (non-Hispanic)	109	1,392	12.0	(9.3-15.3)
Black (non-Hispanic)	32	464	22.2**	(14.6-32.3)**
Other race/ethnicity	39	736	40.6	(27.4-55.2)
School grade				
9th grade	44	*	*	*
10th grade	61	784	17.2	(13.5-21.6)
11th grade	47	747	16.8	(11.5-24.0)
12th grade	28	525	22.4	(15.6-31.1)
Estimated grades in past year				
Mostly A's	67	1,034	17.9	(12.6-24.9)
Mostly B's	51	702	12.9	(9.1-18.1)
Mostly C's	34	*	*	*
Mostly D's or F's	10	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 59: Percent of high school students who did not participate in at least 60 minutes of physical activity on any day during the past seven days, Knox County Schools, Tennessee, U.S., 2011, 2013; Knox County Schools, 2017

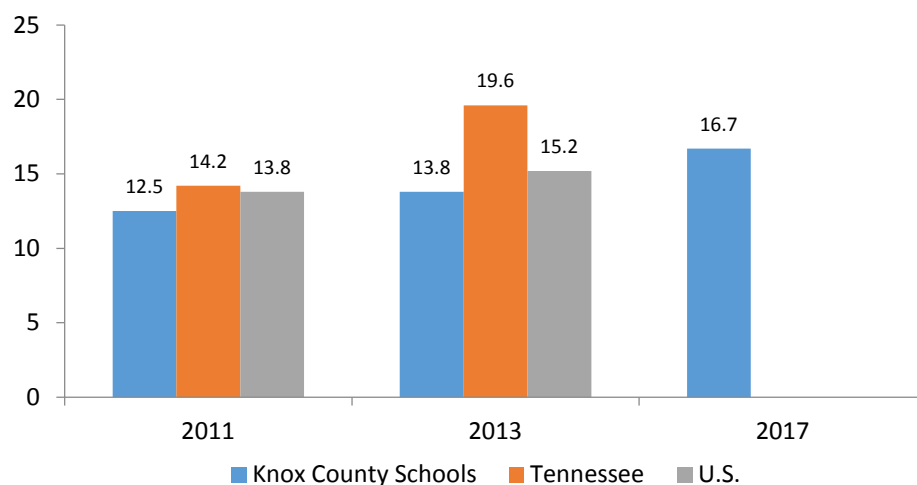


Table 60: Percent of Knox County Schools high school students reporting they participated in at least 60 minutes of physical activity every day during the past seven days, 2017
 (Total responses = 1,101)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	259	2,981	19.2	(16.1-22.7)
Male	124	1,405	19.7	(15.7-24.5)
Female	135	1,576	18.7	(14.5-23.8)
Race/ethnicity				
White (non-Hispanic)	185	2,188	18.8	(15.1-23.1)
Black (non-Hispanic)	46	540	25.9	(19.4-33.7)
Other race/ethnicity	28	253	13.9**	(8.8-21.4)**
School grade				
9th grade	81	574	13.7**	(8.7-21.0)**
10th grade	86	1,090	23.9	(19.7-28.6)
11th grade	61	837	18.9	(13.4-25.9)
12th grade	31	480	20.5	(14.7-27.8)
Estimated grades in past year				
Mostly A's	104	1,202	20.8	(16.0-26.7)
Mostly B's	103	1,188	21.9	(16.9-27.9)
Mostly C's	29	*	*	*
Mostly D's or F's	9	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 60: Percent of high school students who participated in 60 minutes of physical activity every day during the past seven days, Knox County Schools, Tennessee, U.S., 2013, Knox County Schools, 2017; Healthy People 2020 objective PA-3.1

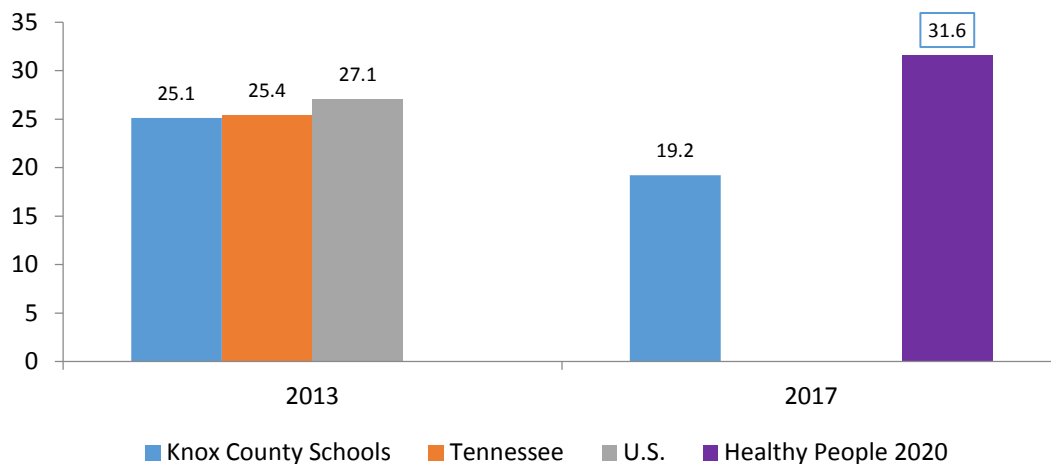


Table 61: Responses to the question, “On an average school day, how many hours do you watch TV?” among Knox County Schools high school students in 2017: Percentages
(Total responses = 1,099)

	Yes Responses	Weighted Yes Responses	Percentage	CI
I do not watch on average school day	302	4,081	26.3	(21.2-32.1)
Less than 1 hour per day	253	3,197	20.6	(17.1-24.5)
1 hour per day	155	2,409	15.5	(10.9-21.5)
2 hours per day	185	2,909	18.7	(14.0-24.6)
3 hours per day	92	1,555	10.0	(5.9-16.4)
4 hours per day	51	609	3.9	(2.8-5.5)
5 or more hours per day	61	766	4.9	(3.5-6.8)

Figure 61: Average number of hours Knox County Schools high school students watched TV during school nights in 2017: Percentages

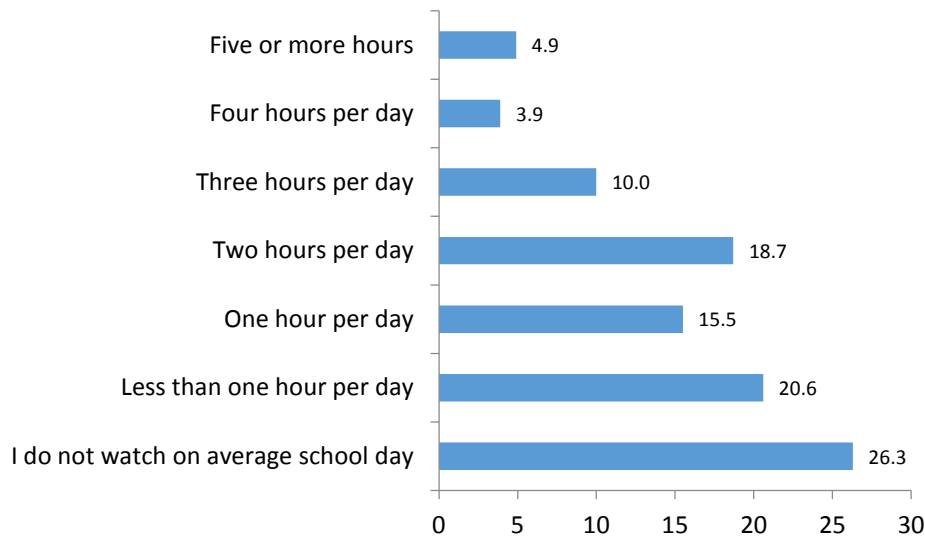


Table 62: Percent of Knox County Schools high school students reporting they watched three or more hours of television on average school days, 2017
 (Total responses = 1,099)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	204	2,930	18.9	(14.2-24.7)
Male	102	1,341	18.8	(14.6-23.9)
Female	102	1,589	18.9**	(11.6-29.3)**
Race/ethnicity				
White (non-Hispanic)	130	2,083	17.9	(12.1-25.6)
Black (non-Hispanic)	50	619	29.6	(21.9-38.8)
Other race/ethnicity	24	228	12.7**	(7.9-19.8)**
School grade				
9th grade	57	*	*	*
10th grade	76	968	21.1	(17.1-25.7)
11th grade	47	782	17.6	(11.9-25.3)
12th grade	24	370	15.9	(10.8-22.7)
Estimated grades in past year				
Mostly A's	80	1,034	17.9	(13.4-23.6)
Mostly B's	77	915	16.8	(12.4-22.5)
Mostly C's	30	*	*	*
Mostly D's or F's	5	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 62: Percent of high school students who watched three or more hours of TV on average school days, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017; Healthy People 2020 Objective PA-8.2.3

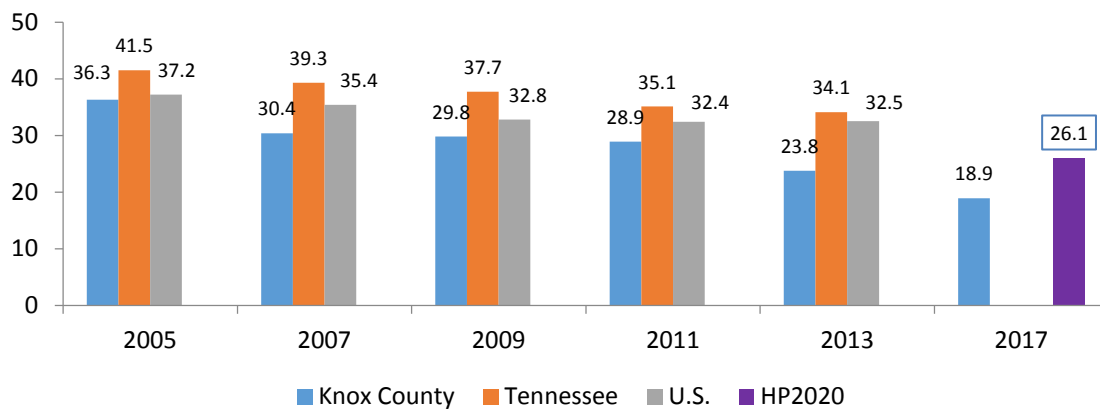


Table 63: Responses to the question, “On an average school day, how many hours do you play video or computer games, or used a computer for something that is not school work?” among Knox County Schools high school students in 2017: Percentages

(Total responses = 1,099)

	Yes Responses	Weighted Yes Responses	Percentage	CI
0 hours	197	2,583	16.6	(13.5-20.4)
Less than 1 hour	129	1,662	10.7	(8.5-13.4)
1 hour	120	1,553	10.0	(7.8-12.7)
2 hours	167	2,829	18.2	(12.5-25.8)
3 hours	131	1,710	11.0	(8.6-14.0)
4 hours	121	1,920	12.4	(8.0-18.5)
5 or more hours	234	3,272	21.1	(16.3-26.8)

Figure 63: Average number of hours that Knox County Schools high school students played video games or used their computers for something other than school work on school days in 2017: Percentages

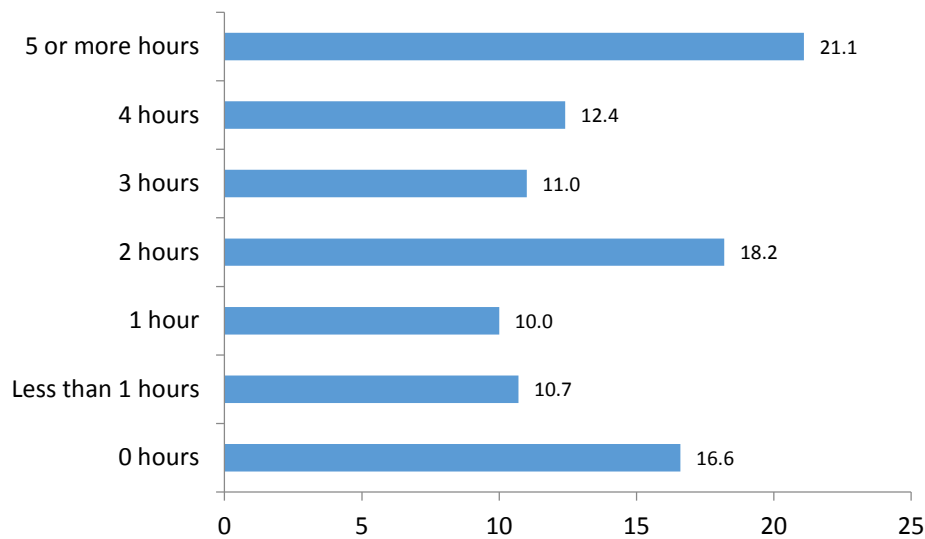


Table 64: Percent of Knox County Schools high school students reporting they played video or computer games, or used their computers for something other than school-work for three or more hours per day during average school days, 2017

(Total responses = 1,099)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	486	6,901	44.4	(38.3-50.8)
Male	239	3,218	45.3	(39.3-51.4)
Female	247	3,683	43.8	(33.7-54.2)
Race/ethnicity				
White (non-Hispanic)	329	5,207	44.7	(36.9-52.8)
Black (non-Hispanic)	91	1,076	51.5	(42.6-60.4)
Other race/ethnicity	66	618	34.3	(24.8-45.2)
School grade				
9th grade	148	1,858	44.4**	(26.1-64.4)**
10th grade	155	1,955	42.8	(37.7-48.1)
11th grade	122	2,113	47.8	(39.2-56.5)
12th grade	61	975	41.4	(33.4-49.8)
Estimated grades in past year				
Mostly A's	159	1,940	33.6	(26.9-41.1)
Mostly B's	179	2,135	39.3	(31.4-47.7)
Mostly C's	81	1,473	65.8	(50.5-78.4)
Mostly D's or F's	24	355	58.5	(40.5-74.5)

**Limited reliability; interpret with extreme caution

Figure 64: Percent of high school students who played video games or used their computers for something other than school work for three or more hours per day on average school days, Knox County Schools, Tennessee, U.S., 2007, 2009, 2011, 2013; Knox County Schools, 2017; Healthy People 2020 Objective PA-8.3.3

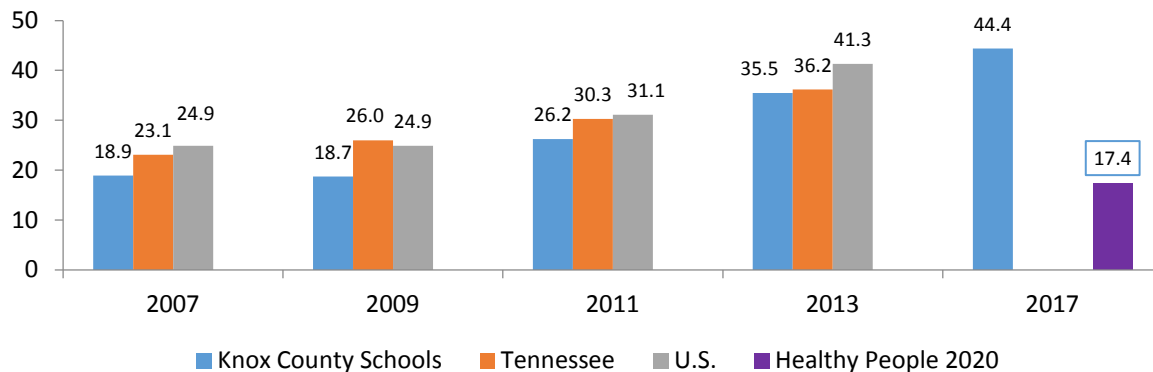


Table 65: Responses to the question, “In an average school week, when you are in school, how many days do you go to physical education (PE) classes?” among Knox County Schools high school students in 2017: Percentages

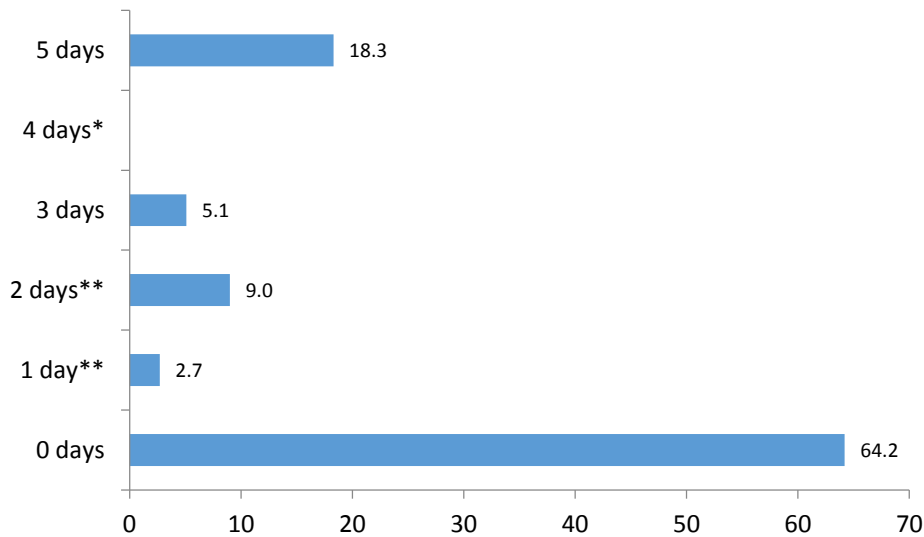
(Total responses = 1,095)

	Yes Responses	Weighted Yes Responses	Percentage	CI
0 days	677	9,682	64.2	(57.8-70.1)
1 day	33	402	2.7**	(1.7-4.1)**
2 days	100	1,355	9.0**	(5.0-15.6)**
3 days	71	770	5.1	(3.7-7.0)
4 days	12	*	*	*
5 days	202	2,763	18.3	(13.6-24.2)

**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

Figure 65: Average number of days Knox County Schools high school students attend PE classes during the school week in 2017: Percentages



**Too unreliable to report*

***Limited reliability; interpret with extreme caution*

Table 66: Percent of Knox County Schools high school students reporting they attend PE classes on one or more days during an average school week, 2017
(Total responses = 1,095)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	418	5,403	35.8	(29.9-42.2)
Male	252	2,495	35.3	(30.2-40.7)
Female	166	2,908	36.3	(26.4-47.4)
Race/ethnicity				
White (non-Hispanic)	280	3,875	34.5	(27.0-42.8)
Black (non-Hispanic)	72	836	40.6	(32.2-49.6)
Other race/ethnicity	66	693	38.7	(16.9-52.1)
School grade				
9th grade	197	2,330	62.0	(42.4-78.3)
10th grade	106	1,362	29.6	(25.1-34.7)
11th grade	69	980	22.2	(16.2-29.7)
12th grade	46	741	31.5	(24.2-39.7)
Estimated grades in past year				
Mostly A's	197	2,330	62.0	(42.4-78.3)
Mostly B's	106	1,352	29.6	(25.1-34.7)
Mostly C's	68	980	22.2	(16.2-29.7)
Mostly D's or F's	46	7,410	31.5	(24.2-39.7)

Figure 66: Percent of high school students who attend a PE class on one or more days during an average school week, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

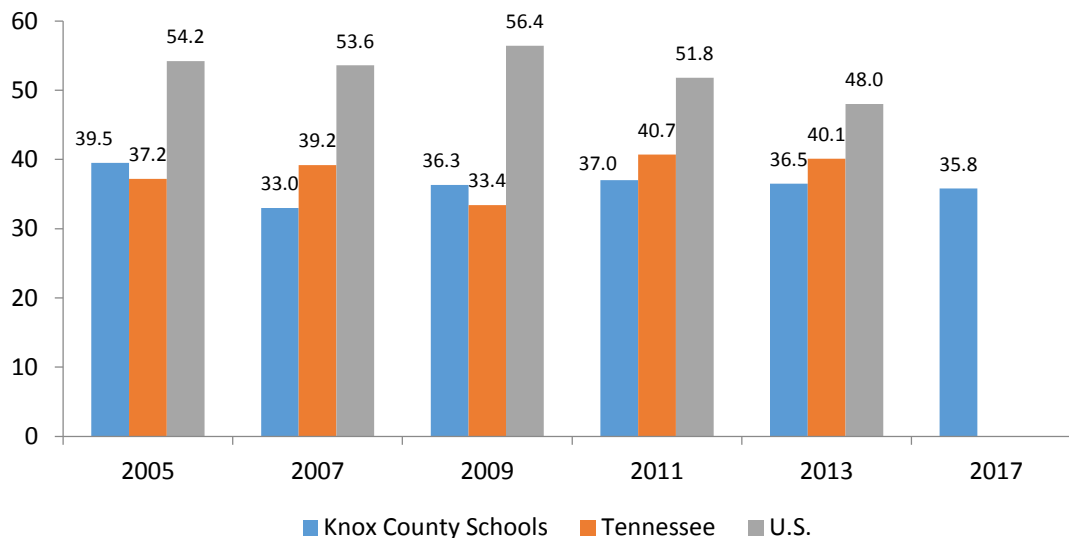


Table 67: Percent of Knox County Schools high school students reporting they attended PE classes on five days during their average school week, 2017

(Total responses = 1,095)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	202	2,764	18.3	(13.6-24.2)
Male	100	997	14.1	(11.1-17.7)
Female	102	1,769	22.0**	(14.1-32.7)**
Race/ethnicity				
White (non-Hispanic)	133	1,918	17.1	(11.4-24.8)
Black (non-Hispanic)	41	479	23.3	(17.0-31.0)
Other race/ethnicity	28	*	*	*
School grade				
9th grade	72	*	*	*
10th grade	65	846	18.6	(14.8-23.1)
11th grade	35	411	9.3**	(6.1-14.1)**
12th grade	30	468	19.9	(14.2-27.1)
Estimated grades in past year				
Mostly A's	78	*	*	*
Mostly B's	81	915	16.9	(12.6-22.2)
Mostly C's	23	254	13.7**	(9.0-20.4)**
Mostly D's or F's	6	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 67: Percent of high school students who attend PE classes on all five days of their average school week, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017; Healthy People 2020 Objective PA-5

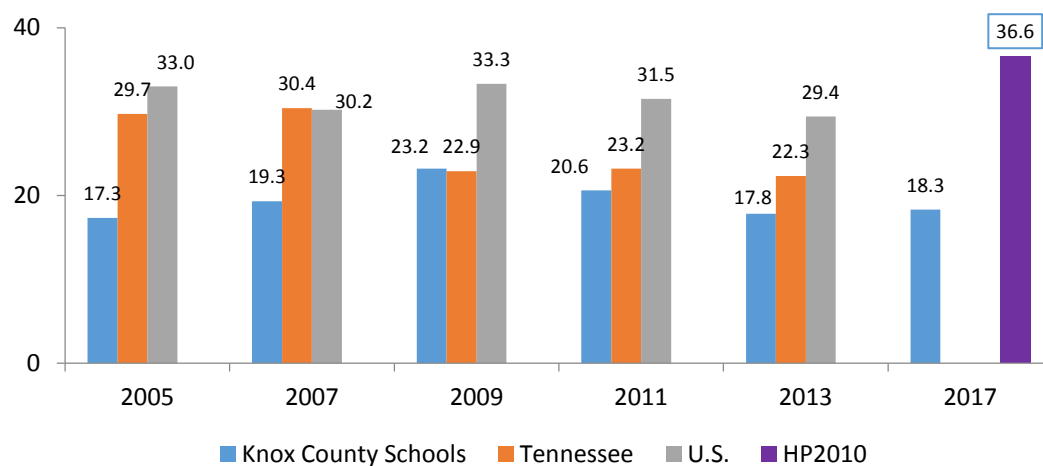


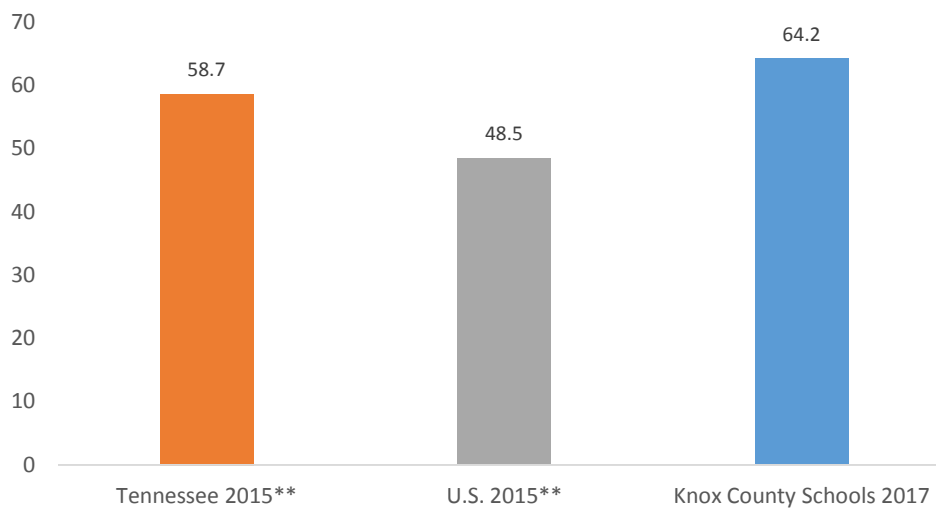
Table 68: Percent of Knox County Schools high school students who do not attend PE classes during an average school week, 2017

(Total responses = 1,095)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	677	9,682	64.2	(57.8-70.1)
Male	280	4,576	64.7	(59.3-69.8)
Female	397	5,106	63.7	(52.6-73.6)
Race/ethnicity				
White (non-Hispanic)	491	7,364	65.5	(57.2-73.0)
Black (non-Hispanic)	97	1,223	59.4	(50.4-67.8)
Other race/ethnicity	89	1,095	61.3	(47.9-73.1)
School grade				
9th grade	128	*	*	*
10th grade	249	3,208	70.4	(65.3-74.9)
11th grade	202	3,428	77.8	(70.3-83.8)
12th grade	98	1,615	68.5	(60.3-75.8)
Estimated grades in past year				
Mostly A's	283	3,821	66.1	(55.0-75.6)
Mostly B's	225	3,186	58.8	(48.2-68.7)
Mostly C's	104	1,336	72.5	(64.4-79.3)
Mostly D's or F's	27	356	58.5	(39.0-75.7)

*Too unreliable to report

Figure 68: Percent of high school students who do not attend PE classes during an average school week, Tennessee, U.S., 2015; Knox County Schools, 2017



** State and national data were drawn from 2015, the most recent available year. Please interpret with caution.

Table 69: Percent of Knox County Schools high school students reporting they played on one or more sports teams during the past 12 months, 2017
(Total responses = 1,091)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	541	6,855	44.4	(38.5-50.6)
Male	268	3,227	46.1	(40.1-52.1)
Female	273	3,628	43.1	(33.6-53.1)
Race/ethnicity				
White (non-Hispanic)	387	5,163	44.4	(36.9-52.1)
Black (non-Hispanic)	93	1,103	55.8	(46.5-64.6)
Other race/ethnicity	61	588	32.5	(23.3-43.4)
School grade				
9th grade	172	1,642	39.6**	(23.2-58.8)**
10th grade	175	2,266	49.7	(44.4-55.0)
11th grade	127	1,872	42.9	(34.7-51.6)
12th grade	67	1,074	45.6	(37.4-54.1)
Estimated grades in past year				
Mostly A's	230	2,587	45.0	(36.7-53.5)
Mostly B's	209	2,707	50.0	(40.5-50.4)
Mostly C's	69	744	33.1**	(20.9-48.0)**
Mostly D's or F's	11	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 69: Percent of high school students who played on one or more sports teams during the past 12 months, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

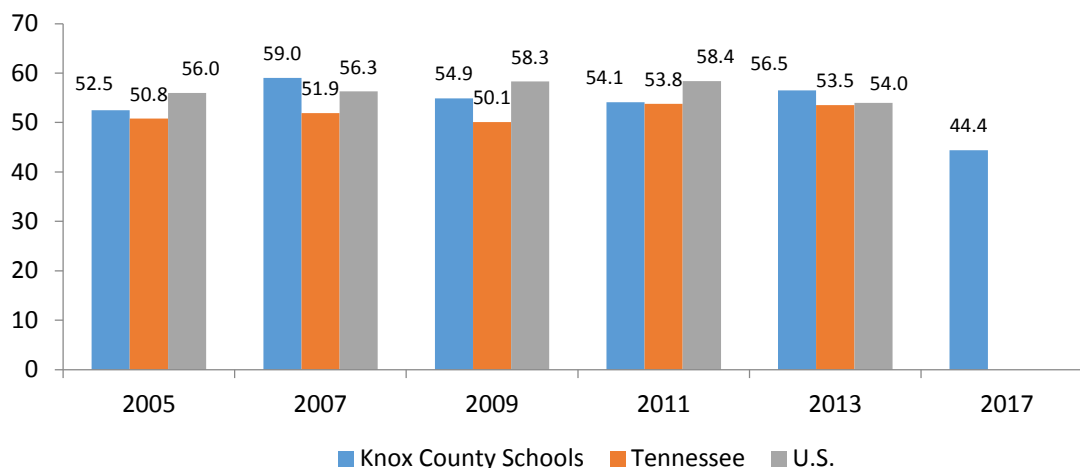
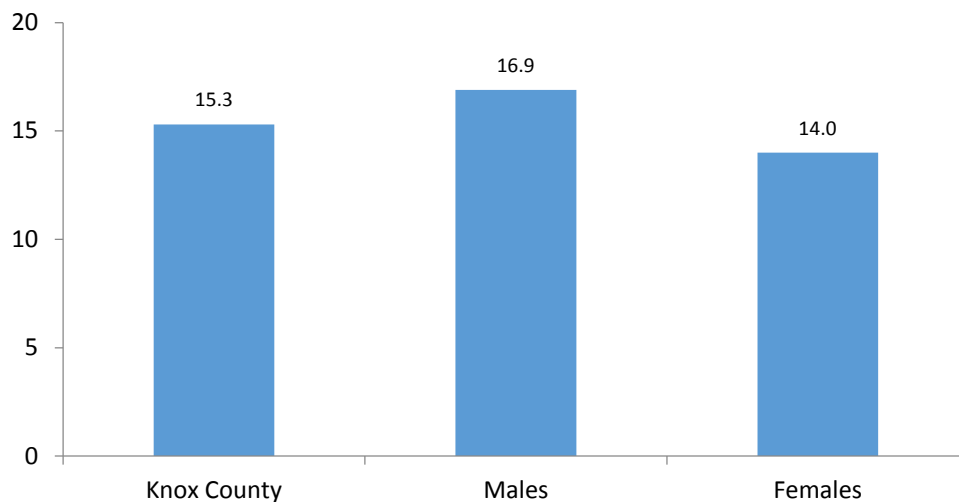


Table 70: Percent of Knox County Schools high school students reporting they suffered one or more concussions playing sports or being physically active during the past 12 months, 2017
 (Total responses = 1,094)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	169	2,364	15.3	(12.3-18.9)
Male	78	1,187	16.9	(12.6-22.2)
Female	91	1,177	14.0	(10.1-19.6)
Race/ethnicity				
White (non-Hispanic)	121	1,544	13.3	(10.3-17.0)
Black (non-Hispanic)	20	*	*	*
Other race/ethnicity	28	*	*	*
School grade				
9th grade	46	*	*	*
10th grade	52	635	14.0	(10.8-18.0)
11th grade	44	777	17.6	(11.8-25.3)
12th grade	27	491	20.9	(14.4-29.2)
Estimated grades in past year				
Mostly A's	59	826	14.3	(9.6-20.7)
Mostly B's	68	1,034	19.1	(13.8-25.7)
Mostly C's	20	*	*	*
Mostly D's or F's	8	*	*	*

**Too unreliable to report*

Figure 70: Percent of Knox County Schools high school students who suffered one or more concussions playing sports or being physically active during the past 12 months by gender, 2017**



***State and national data were not available for this variable.*

Section 7: Additional Health Topics

Table 71: Percent of Knox County Schools high school students reporting they have ever had an HIV test, 2017

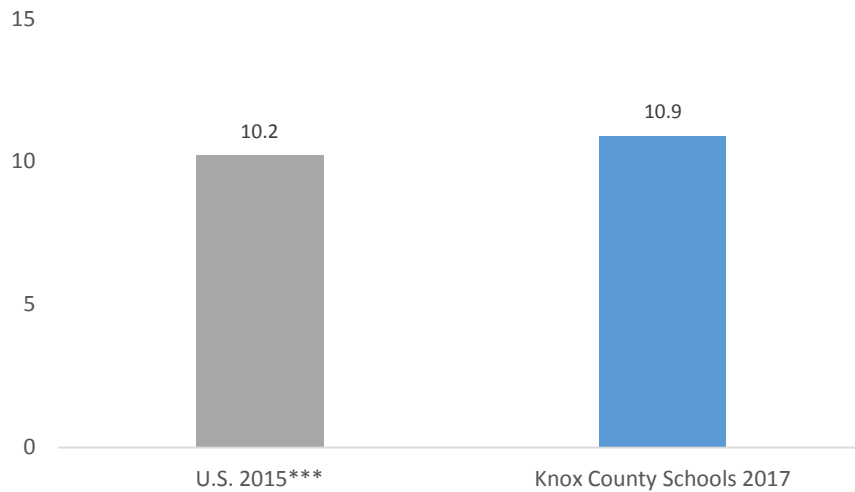
(Total responses = 1,094)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	112	1,684	10.9	(8.3-14.0)
Male	46	884	10.5	(7.1-15.2)
Female	66	800	11.3	(7.9-15.9)
Race/ethnicity				
White (non-Hispanic)	68	911	7.8	(5.7-10.7)
Black (non-Hispanic)	14	*	*	*
Other race/ethnicity	30	627	34.8	(22.7-49.2)
School grade				
9th grade	17	*	*	*
10th grade	38	476	10.5	(7.7-14.1)
11th grade	33	484	10.9**	(6.9-16.8)**
12th grade	24	481	20.6	(13.8-29.5)
Estimated grades in past year				
Mostly A's	49	841	14.6	(9.6-21.5)
Mostly B's	40	533	9.8	(6.8-14.1)
Mostly C's	10	*	*	*
Mostly D's or F's	7	*	*	*

*Too unreliable to report

**Limited reliability-interpret with extreme caution

Figure 71: Percent of high school students reporting they have ever had an HIV test (not counting blood donations), U.S. 2015; Knox County Schools, 2017



*** National data were drawn from 2015, the most recent available year. Please interpret with caution.

Table 72: Percent of Knox County Schools high school students reporting they have ever had a doctor or nurse tell them they have asthma, 2017

(Total responses = 1,085)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	215	3,638	23.7	(17.6-31.0)
Male	99	1,346	19.1	(14.8-24.4)
Female	116	2,291	27.5	(17.7-40.1)
Race/ethnicity				
White (non-Hispanic)	142	2,630	22.8	(15.4-32.4)
Black (non-Hispanic)	36	472	23.1	(15.8-32.6)
Other race/ethnicity	37	535	29.9**	(18.6-44.5)**
School grade				
9th grade	58	*	*	*
10th grade	72	920	20.5	(16.5-25.2)
11th grade	53	839	19.0	(13.1-26.6)
12th grade	32	539	23.4	(16.7-31.6)
Estimated grades in past year				
Mostly A's	84	1,556	27.0**	(17.0-40.0)**
Mostly B's	69	*	*	*
Mostly C's	29	*	*	*
Mostly D's or F's	8	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 72: Percent of high school students who have ever had a doctor or nurse tell them they have asthma, Knox County Schools, Tennessee, U.S., 2005, 2007, 2009, 2011, 2013; Knox County Schools, 2017

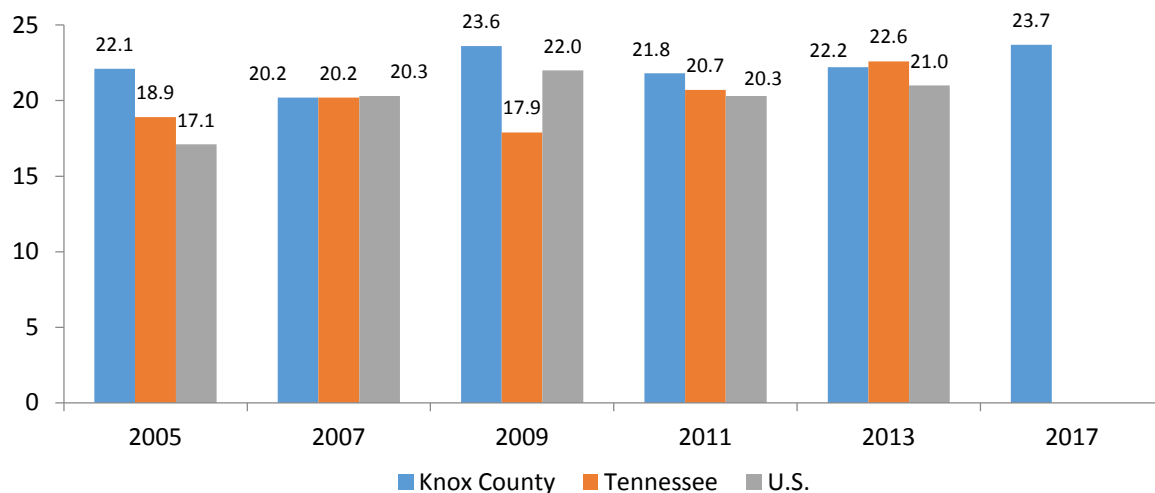
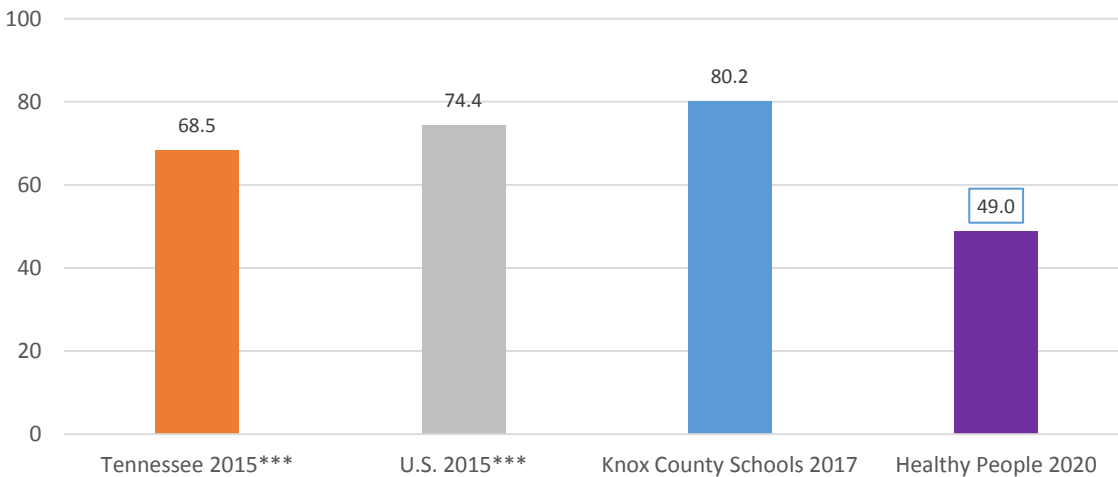


Table 73: Percent of Knox County Schools high school students reporting their most recent dental appointment was during the past 12 months, 2017
 (Total responses = 1,028)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	845	11,509	80.2	(74.0-85.3)
Male	412	5,540	82.9	(77.8-87.1)
Female	433	5,969	77.9	(66.7-86.1)
Race/ethnicity				
White (non-Hispanic)	634	9,068	83.2	(75.0-89.2)
Black (non-Hispanic)	100	1,253	71.2	(61.8-79.0)
Other race/ethnicity	111	1,187	70.3	(54.8-82.2)
School grade				
9th grade	260	2,792	77.0	(52.4-91.0)
10th grade	273	3,511	83.1	(78.6-86.8)
11th grade	205	3,473	82.1	(74.9-87.6)
12th grade	107	1,733	76.7	(68.3-83.3)
Estimated grades in past year				
Mostly A's	361	4,712	84.7	(78.0-89.6)
Mostly B's	289	3,882	82.7	(78.0-86.6)
Mostly C's	123	1,391	63.8	(37.5-83.8)
Mostly D's or F's	32	453	79.2	(63.3-89.4)

Figure 73: Percent of high school students reporting their most recent dental appointment was during the past 12 months, Tennessee, U.S., 2015; Knox County Schools, 2017; Healthy People 2020 Objective OH-7



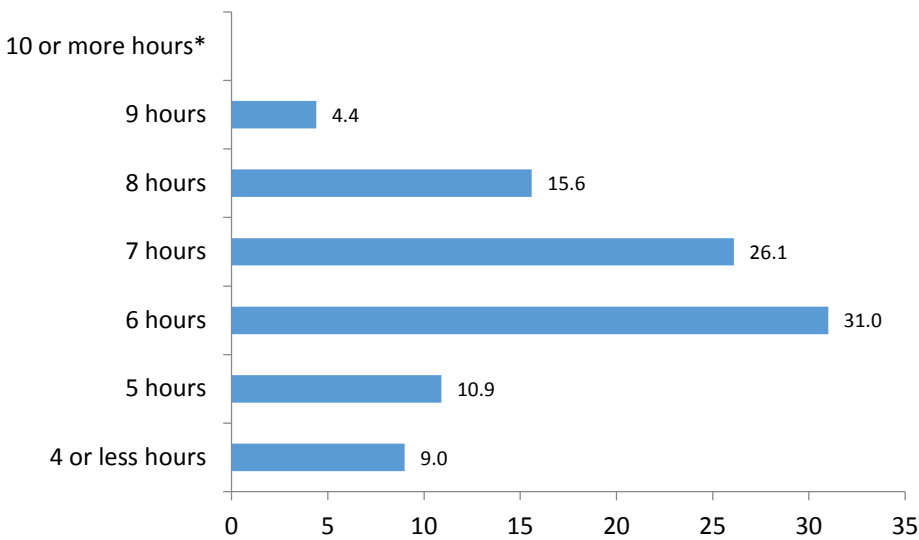
* State and national data were drawn from 2015, the most recent available year. Please interpret with caution.

Table 74: Responses to the question, “On an average school night, how many hours of sleep do you get?” among Knox County Schools high school students in 2017: Percentages
(Total responses = 1,093)

	Yes Responses	Weighted Yes Responses	Percentage	CI
4 or less hours	108	1,404	9.0	(7.1-11.5)
5 hours	141	1,689	10.9	(8.7-13.5)
6 hours	271	4,805	31.0	(24.3-38.5)
7 hours	286	4,049	26.1	(21.0-31.9)
8 hours	197	2,420	15.6	(12.8-18.9)
9 hours	66	683	4.4	(3.3-5.8)
10 or more hours	24	*	*	*

**Too unreliable to report*

Figure 74: Number of hours Knox County Schools high school students sleep during an average school night in 2017: Percentages



**Too unreliable to report*

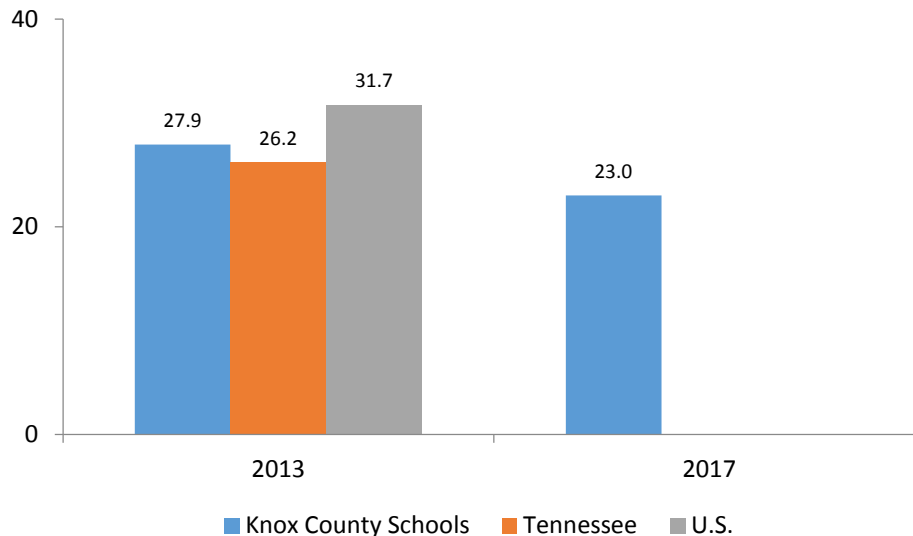
Table 75: Percent of Knox County Schools high school students reporting they sleep eight or more hours on an average school night, 2017
 (Total responses = 1,093)

	Yes Responses	Weighted Yes Responses	Percentage	CI
Total	287	3,576	23.0	(19.3-27.2)
Male	148	1,856	26.0	(21.1-31.6)
Female	139	1,722	20.5	(15.6-26.5)
Race/ethnicity				
White (non-Hispanic)	207	2,632	22.6	(18.3-27.6)
Black (non-Hispanic)	44	508	24.0	(17.3-32.4)
Other race/ethnicity	36	*	*	*
School grade				
9th grade	94	*	*	*
10th grade	107	1,353	29.8	(25.2-34.8)
11th grade	59	1,004	22.4	(15.9-30.6)
12th grade	27	420	17.9	(12.5-25.0)
Estimated grades in past year				
Mostly A's	105	1,268	21.9	(16.4-28.6)
Mostly B's	116	1,157	28.6	(22.0-36.3)
Mostly C's	37	396	17.5**	(10.6-27.4)**
Mostly D's or F's	10	*	*	*

*Too unreliable to report

**Limited reliability; interpret with extreme caution

Figure 75: Percent of high school students who sleep eight or more hours on average school nights, Knox County Schools, Tennessee, U.S., 2013; Knox County Schools, 2017



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The report may be downloaded at:

http://www.knoxcounty.org/health/epidemiology/reports_data.php

For more information on the 2017 Knox County Youth Risk Behavior Survey, please contact:

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Recommended citation:

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