



# Tobacco Product Use among Middle & High School Students — National Youth Tobacco Survey, United States, 2025

CRST and CAStoR collaborated to present weighted prevalence estimates from analyses of the 2025 National Youth Tobacco Survey (NYTS), an annual cross-sectional, school-based, self-administered web-based survey designed to be representative of US middle and high school students.

## Methods

National weighted prevalence estimates, 95% confidence intervals,<sup>†</sup> and population totals<sup>‡</sup> were calculated for ever use (i.e., ever having used, even once or twice), current use (i.e., use on  $\geq 1$  day during the previous 30 days), and frequent use (i.e., use on  $\geq 20$  days during the previous 30 days) of seven tobacco products (e-cigarettes, cigarettes, cigars, nicotine pouches, smokeless tobacco, hookahs, and heated tobacco products) by student characteristics. Three composite use measures were also computed and reported: any tobacco product use,<sup>§</sup> any combustible tobacco product use,<sup>\*\*</sup> and multiple tobacco product use.<sup>††</sup> Analyses were conducted using SAS Software version 9.4 (SAS Institute, Cary, NC, USA) complex sampling procedures. Estimates with an unweighted denominator  $< 50$  or a relative SE  $> 30\%$  were considered statistically unreliable and suppressed.

## Results

Approximately 22.9% of high school students and 11% of middle school students in the United States had ever used a commercial tobacco or nicotine product in 2025 (Table 1); the most commonly tried product in both groups was e-cigarettes. Current (past 30 days) use of a tobacco product was reported by an estimated 9.5% of high school students and 4.1% of middle school students, with e-cigarettes again being the most prevalent product (Table 2). Frequent (20+ of past 30 days) use of any product was uncommon, reported by approximately 3.8% of high school and 1.3% of middle school students (Figure 1).

<sup>†</sup> Variance was estimated using Taylor series linearization method and logit confidence limits were computed

<sup>‡</sup> Data were weighted to account for complex survey design and to adjust for nonresponse. Population total estimates were rounded down to the nearest 10,000 persons.

<sup>§</sup> Any tobacco product includes electronic cigarettes, cigarettes, cigars (i.e., cigars, cigarillos, little filtered cigars), smokeless tobacco (i.e., chewing tobacco, snuff, dip, snus), nicotine pouches, other oral nicotine products, heated tobacco products, hookahs, pipe tobacco, and bidis

<sup>\*\*</sup> Any combustible tobacco includes cigarettes, cigars (i.e., cigars, cigarillos, little filtered cigars), hookahs, pipe tobacco, and bidis

<sup>††</sup> Multiple tobacco product was defined as use of one or more of the following products: electronic cigarettes, cigarettes, cigars (i.e., cigars, cigarillos, little filtered cigars), smokeless tobacco (i.e., chewing tobacco, snuff, dip, snus), nicotine pouches, other oral nicotine products, heated tobacco products, hookahs, pipe tobacco, and bidis



**Table 1: Ever Use of Commercial Tobacco and Nicotine Products among Middle and High School Students by Sex and Race/Ethnicity, NYTS 2025, N=23,557**

	% (95% CI) <sup>†</sup>									Total estimated no. <sup>‡</sup>
	Sex		Race and Ethnicity						Overall	
	Female	Male	Non-Hispanic White	Non-Hispanic Black	Hispanic	Non-Hispanic AI/AN	Non-Hispanic Other	Non-Hispanic Multiple		
<b>High school students (grades 9–12)</b>										
Any tobacco product <sup>§</sup>	23.0 (21.2, 25.0)	22.8 (20.6, 25.2)	25.3 (23.0, 27.7)	20.2 (16.7, 24.1)	21.6 (18.9, 24.5)	30.4 (23.0, 38.9)	15.0 (10.8, 20.6)	24.6 (20.3, 29.3)	22.9 (21.1, 24.8)	3,660,000
E-cigarettes	19.3 (17.7, 21.1)	16.6 (14.9, 18.5)	20.0 (18.3, 21.7)	16.0 (13.3, 19.1)	17.1 (14.7, 19.8)	21.9 (16.0, 29.1)	9.8 (8.1, 11.8)	18.8 (14.8, 23.5)	17.9 (16.5, 19.5)	2,860,000
Cigarettes	7.1 (6.1, 8.1)	8.0 (7.0, 9.1)	9.4 (8.1, 10.8)	4.5 (3.5, 5.8)	6.1 (5.0, 7.5)	11.3 (7.9, 16.0)	4.9 (3.8, 6.3)	9.4 (7.0, 12.6)	7.5 (6.7, 8.5)	1,190,000
Cigars	3.1 (2.5, 3.9)	7.0 (5.8, 8.5)	6.3 (5.1, 7.7)	4.6 (3.0, 6.8)	3.9 (2.9, 5.1)	5.2 (3.0, 8.9)	1.8 (1.1, 3.1)	6.9 (5.1, 9.4)	5.1 (4.2, 6.1)	800,000
Nicotine pouches	3.3 (2.6, 4.2)	8.1 (6.5, 10.1)	9.0 (7.2, 11.0)	2.0 (1.4, 2.8)	2.4 (1.7, 3.4)	8.7 (5.2, 14.1)	2.3 (1.4, 3.8)	6.7 (4.6, 9.6)	5.7 (4.7, 7.1)	840,000
Smokeless tobacco	1.5 (1.1, 2.0)	5.0 (4.0, 6.3)	4.8 (3.9, 6.0)	1.3 (0.8, 2.1)	1.6 (1.1, 2.2)	6.6 (3.8, 11.2)	1.8 (1.0, 3.1)	4.9 (3.4, 7.1)	3.3 (2.6, 4.1)	510,000
Hookahs	2.2 (1.7, 2.8)	2.6 (2.2, 3.2)	1.5 (1.1, 2.0)	3.6 (2.4, 5.3)	2.3 (1.7, 3.2)	9.2 (5.1, 16.2)	---	3.8 (2.4, 6.0)	2.4 (2.0, 2.9)	380,000
Heated tobacco product	1.2 (0.9, 1.7)	1.7 (1.3, 2.1)	1.3 (1.0, 1.8)	1.9 (1.1, 3.2)	1.4 (1.0, 1.9)	---	1.1 (0.7, 1.8)	2.0 (1.1, 3.5)	1.4 (1.2, 1.7)	210,000
Any combustible tobacco product**	10.0 (8.9, 11.2)	12.8 (11.3, 14.6)	12.6 (11.0, 14.5)	9.9 (7.8, 12.5)	10.0 (8.3, 12.1)	18.8 (13.9, 25.0)	8.8 (5.4, 14)	14.5 (11.5, 18.2)	11.4 (10.3, 12.7)	1,800,000
Multiple tobacco products <sup>††</sup>	9.5 (8.3, 11.0)	12.6 (10.9, 14.4)	13.5 (11.8, 15.4)	8.6 (6.7, 11.0)	8.7 (7.0, 10.7)	16.7 (11.9, 23.0)	6.4 (4.9, 8.4)	13.6 (10.5, 17.6)	11.1 (9.8, 12.5)	1,760,000
<b>Middle school students (grades 6–8)</b>										
Any tobacco product <sup>§</sup>	11.1 (9.1, 13.5)	10.9 (9.1, 12.9)	9.7 (7.4, 12.7)	15.2 (12.0, 18.9)	11.3 (9.3, 13.8)	18.2 (13.8, 23.6)	---	14.1 (10.6, 18.5)	11.0 (9.2, 13.0)	1,290,000
E-cigarettes	8.2 (6.8, 9.9)	6.3 (5.1, 7.9)	6.7 (4.8, 9.2)	8.4 (6.8, 10.2)	8.1 (6.6, 10.0)	11.3 (7.8, 15.9)	---	8.9 (6.1, 12.7)	7.2 (6.0, 8.7)	850,000
Cigarettes	3.0 (2.3, 3.9)	3.5 (2.6, 4.5)	3.2 (2.2, 4.6)	4.3 (3.2, 5.9)	3.0 (2.1, 4.3)	6.7 (4.1, 10.7)	---	4.9 (3.5, 7.0)	3.2 (2.6, 4.1)	380,000
Cigars	1.8 (1.2, 2.8)	2.2 (1.7, 2.8)	1.7 (1.3, 2.3)	3.4 (2.0, 5.7)	1.7 (1.1, 2.4)	4.2 (2.7, 6.6)	---	3.8 (2.4, 5.8)	2.0 (1.5, 2.5)	230,000
Nicotine Pouches	1.3 (0.9, 1.8)	2.2 (1.6, 2.9)	1.8 (1.2, 2.7)	1.4 (0.8, 2.3)	1.7 (1.3, 2.3)	4.1 (2.3, 7.3)	---	3.0 (1.9, 4.8)	1.7 (1.3, 2.3)	180,000
Smokeless tobacco	1.5 (1.0, 2.4)	2.5 (1.8, 3.6)	2.6 (1.6, 4.2)	2.2 (1.4, 3.2)	1.0 (0.7, 1.6)	5.1 (3.1, 8.4)	---	4.0 (2.4, 6.7)	2.0 (1.4, 2.9)	240,000
Hookahs	1.5 (1.0, 2.2)	1.0 (0.7, 1.3)	0.5 (0.3, 0.8)	3.3 (2.3, 4.7)	1.1 (0.7, 1.7)	---	---	---	1.2 (0.9, 1.7)	140,000
Heated tobacco product	1.3 (0.9, 1.9)	1.1 (0.8, 1.4)	0.9 (0.7, 1.3)	2.1 (1.5, 3.0)	1.1 (0.7, 1.7)	---	---	---	1.2 (0.9, 1.6)	130,000
Any combustible tobacco product**	4.8 (3.7, 6.3)	5.2 (4.2, 6.4)	4.4 (3.3, 5.9)	8.2 (5.8, 11.4)	4.5 (3.3, 6.2)	9.8 (6.9, 13.6)	---	8.3 (6.0, 11.3)	5.0 (4.0, 6.2)	590,000
Multiple tobacco products <sup>††</sup>	4.6 (3.6, 5.8)	4.7 (3.7, 6.0)	4.6 (3.3, 6.3)	6.1 (4.4, 8.5)	4.2 (3.2, 5.5)	8.4 (5.8, 12.2)	---	7.0 (4.9, 10.0)	4.6 (3.7, 5.8)	550,000

See table footnotes on first page. Dashes indicate that data were statistically unreliable because of an unweighted denominator <50 or a relative SE >30%.

AI/AN, American Indian or Alaskan Native; Other Race includes Asian, Native Hawaiian/Pacific Islander, Middle Eastern/North African



**Table 2: Current Use of Commercial Tobacco and Nicotine Products among Middle and High School Students by Sex and Race/Ethnicity, NYTS 2025, N=23,557**

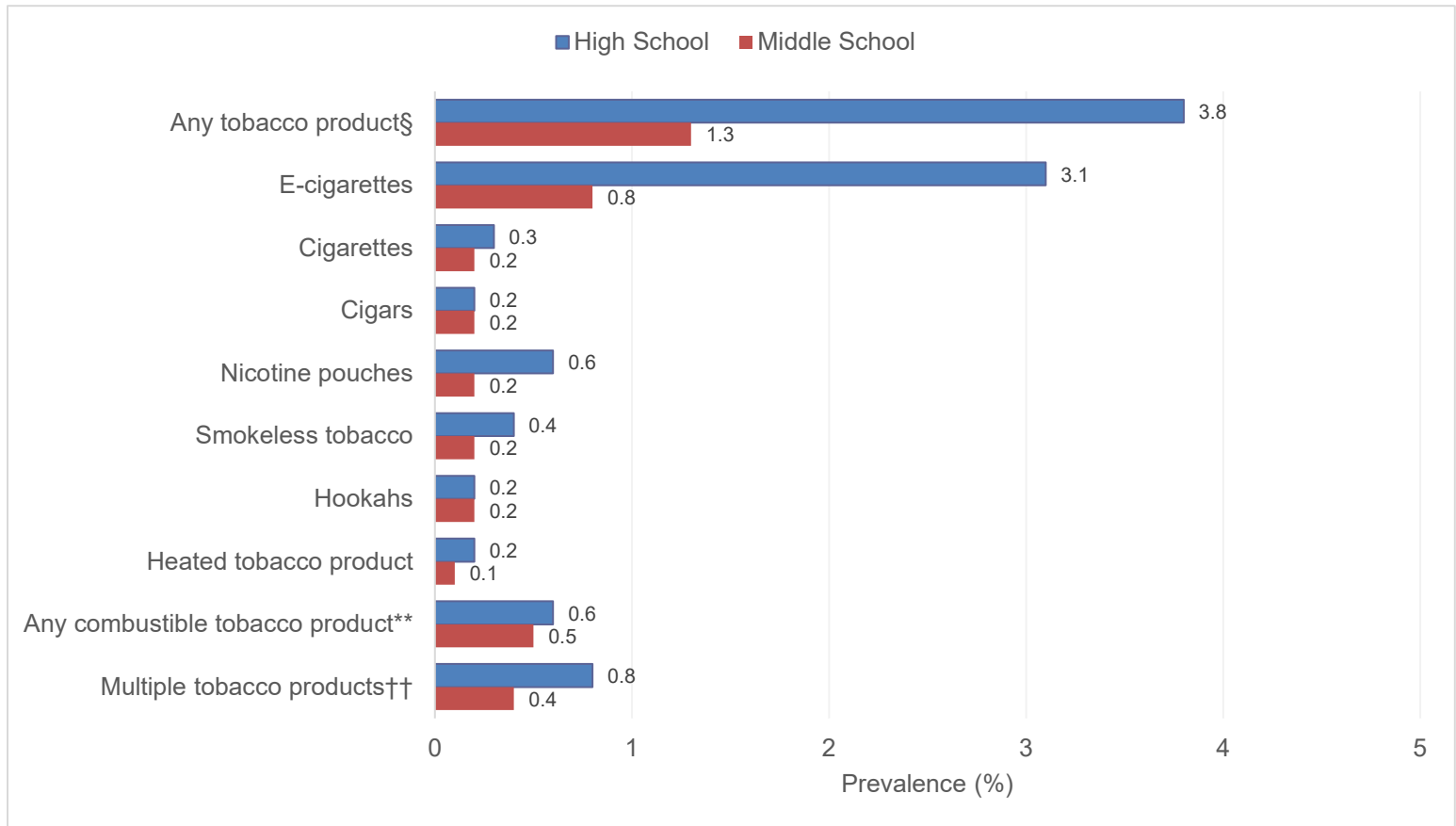
	% (95% CI) †									Total estimated no. ‡
	Sex		Race and Ethnicity						Overall	
	Female	Male	NH-White	NH-Black	Hispanic	NH-AI/AN	NH-Other	NH-Multiple Races		
<b>High school students (grades 9–12)</b>										
Any tobacco product <sup>§</sup>	9.0 (7.9, 10.2)	9.9 (8.7, 11.4)	10.6 (9.3, 12.2)	9.2 (7.4, 11.3)	7.9 (6.5, 9.7)	14.1 (10.2, 19.1)	5.0 (3.4, 7.2)	13.1 (9.9, 17.2)	9.5 (8.4, 10.6)	1,510,000
E-cigarettes	7.4 (6.3, 8.6)	6.9 (6.1, 7.9)	8.1 (7.1, 9.3)	6.8 (5.3, 8.6)	6.0 (4.9, 7.3)	12.0 (8.5, 16.8)	3.4 (2.0, 5.6)	9.8 (7.3, 13.0)	7.1 (6.3, 8.1)	1,130,000
Cigarettes	1.6 (1.2, 2.0)	2.1 (1.7, 2.6)	2.2 (1.8, 2.7)	0.8 (0.5, 1.5)	1.8 (1.3, 2.5)	---	0.7 (0.4, 1.3)	2.9 (1.7, 4.8)	1.8 (1.5, 2.2)	290,000
Cigars	0.7 (0.4, 1.0)	1.7 (1.3, 2.4)	1.2 (0.8, 1.8)	---	0.8 (0.5, 1.3)	---	---	2.6 (1.7, 4.1)	1.2 (0.9, 1.6)	190,000
Nicotine pouches	1.2 (0.9, 1.5)	3.4 (2.6, 4.3)	3.2 (2.5, 4.3)	1.1 (0.6, 1.9)	1.2 (0.8, 1.7)	---	---	2.8 (1.6, 4.8)	2.3 (1.8, 2.9)	350,000
Smokeless tobacco	0.4 (0.2, 0.6)	1.9 (1.4, 2.5)	1.5 (1.1, 2.0)	---	0.6 (0.3, 1.0)	---	---	2.6 (1.5, 4.4)	1.2 (0.9, 1.5)	180,000
Hookahs	0.8 (0.6, 1.1)	0.8 (0.6, 1.0)	0.4 (0.2, 0.7)	1.4 (0.9, 2.2)	0.7 (0.4, 1.2)	---	---	---	0.8 (0.6, 1.0)	120,000
Heated tobacco product	0.4 (0.3, 0.7)	0.9 (0.6, 1.2)	0.4 (0.3, 0.6)	1.2 (0.6, 2.1)	0.6 (0.4, 1.0)	---	---	---	0.6(0.5, 0.8)	100,000
Any combustible tobacco product**	2.7 (2.3, 3.2)	3.8 (3.2, 4.5)	3.3 (2.8, 4.0)	3.4 (2.3, 4.9)	3.0 (2.2, 4.0)	4.9 (2.8, 8.6)	---	5.4 (3.6, 7.8)	3.2 (2.8, 3.7)	510,000
Multiple tobacco products††	2.4 (1.9, 2.9)	4.4 (3.6, 5.3)	4.3 (3.5, 5.2)	2.7 (1.8, 3.9)	2.3 (1.7, 3.1)	6.8 (4.2, 10.9)	2.0 (1.3, 3.1)	4.7 (3.3, 6.8)	3.4 (2.8, 4.0)	540,000
<b>Middle school students (grades 6–8)</b>										
Any tobacco product <sup>§</sup>	4.3 (3.3, 5.5)	4.0 (3.2, 5.0)	3.4 (2.5, 4.6)	5.8 (4.3, 7.8)	4.4 (3.6, 5.5)	8.2 (5.4, 12.2)	---	6.3 (4.2, 9.4)	4.1 (3.4, 5.1)	490,000
E-cigarettes	3.0 (2.4, 3.8)	2.2 (1.6, 2.9)	2.1 (1.5, 2.8)	3.3 (2.3, 4.7)	2.8 (2.2, 3.7)	5.3 (3.0, 9.1)	---	4.6 (2.7, 7.8)	2.6 (2.1, 3.2)	300,000
Cigarettes	0.9 (0.6, 1.2)	0.8 (0.5, 1.1)	0.7 (0.4, 1.2)	1.1 (0.6, 1.8)	---	---	---	---	0.8 (0.6, 1.1)	100,000
Cigars	0.8 (0.5, 1.4)	0.8 (0.5, 1.1)	0.4 (0.3, 0.7)	1.9 (1.1, 3.3)	---	---	---	---	0.8 (0.6, 1.1)	90,000
Nicotine Pouches	0.7 (0.4, 1.0)	1.2 (0.9, 1.5)	1.0 (0.7, 1.4)	1.0 (0.5, 1.8)	0.9 (0.7, 1.2)	---	---	---	0.9 (0.7, 1.2)	110,000
Smokeless tobacco	---	0.9 (0.6, 1.3)	0.9 (0.5, 1.4)	---	---	---	---	---	0.6 (0.4, 0.9)	70,000
Hookahs	0.6 (0.4, 1.1)	0.4 (0.3, 0.7)	0.3 (0.1, 0.5)	1.4 (0.8, 2.5)	---	---	---	---	0.5 (0.4, 0.8)	60,000
Heated tobacco product	0.7 (0.4, 1.1)	0.6 (0.4, 0.9)	0.6 (0.4, 0.9)	1.0 (0.6, 1.7)	---	---	---	---	0.6 (0.5, 0.9)	70,000
Any combustible tobacco product**	1.8 (1.3, 2.5)	1.6 (1.2, 2.2)	1.3 (0.9, 1.9)	3.0 (1.9, 4.9)	1.6 (0.9, 2.7)	4.3 (2.7, 6.6)	---	---	1.7 (1.3, 2.2)	200,000
Multiple tobacco products††	1.6 (1.2, 2.3)	1.7 (1.3, 2.3)	1.6 (1.1, 2.3)	2.5 (1.6, 3.7)	1.4 (0.8, 2.3)	3.7 (2.2, 6.1)	---	---	1.7 (1.3, 2.2)	200,000

See table footnotes on first page. Dashes indicate that data were statistically unreliable because of an unweighted denominator <50 or a relative SE >30%.

AI/AN, American Indian or Alaskan Native; Other Race includes Asian, Native Hawaiian/Pacific Islander, Middle Eastern/North African



**Figure 1: Frequent Use of Commercial Tobacco and Nicotine Products among Middle and High School Students, NYTS 2025, N = 23,557**



See figure footnotes on first page; Frequent use defined as use on 20 or more of the previous 30 days

*Technical Notes*

NYTS is a cross-sectional, voluntary, school-based, self-administered, Internet survey of U.S. middle school (grades 6–8) and high school (grades 9–12) students. More information about the 2025 NYTS can be found here: <https://www.fda.gov/tobacco-products/youth-and-tobacco/national-youth-tobacco-survey-nyts>

Suggested Citation: Bover Manderski MT, Tomaino M, Torres Alvarez R, Meza R, Delnevo CD. Tobacco Product Use among Middle and High School Students — National Youth Tobacco Survey, United States, 2025. CRST-CAsToR Data Brief, 26 March 2026. Available at <https://tobaccocrst.org/data-briefs>

Disclaimer: CRST is committed to rapid surveillance, including rapid dissemination, as such, the findings presented here are preliminary and subject to change.