



Florida Youth Tobacco Survey

Florida Youth (Ages 11-17), High School and Middle School Data

The Florida Youth Tobacco Survey (FYTS) was last administered in the spring of 2023. A total of **134** public high schools and middle schools in **29** Florida counties participated in the FYTS. There were 10,091 students who participated in the 2023 FYTS; **3,931** at the high school level and **6,160** at the middle school level.

The data presented in this database were weighted to represent the entire population of public middle and high school students in Florida. Beginning with the 2020 survey cycle, the FYTS vendor and the Florida Department of Health agreed to lower the threshold from a 60% combined (school x student) to a 50% response rate with some additional data comparisons. Since the high school overall response rate was below 50%, additional analyses were undertaken to determine if the data would be weighted.

2023 FYTS Response Rates:

High School:

School Response Rate: 77.1%
Student Response Rate: 56.7%
Overall Response Rate: 43.7%

Middle School:

School Response Rate: 74.5%
Student Response Rate: 72.5%
Overall Response Rate: 54.0%

The interactive database is a user-friendly way for public health professionals, students, teachers, parents, and the public to explore data pertaining to youth tobacco use.

If you have questions about the database, please contact the Florida Youth Survey Coordinator at FloridaYouthSurvey@FLHealth.gov.

Users are invited to view the full suite of indicators [\[HERE\]](#). At the link, users may view previous years' FYTS results, county-specific FYTS indicators, as well as indicators stratified by different demographic categories (e.g. grade-level, sex, race/ethnicity, and more).



Florida Youth Ages 11-17: 2019 - 2023

PERCENTAGE OF YOUTH WHO HAVE						2019 - 2023 Percentage change		2022 - 2023 Percentage change	
Ever tried cigarettes	9.5	10.3	9.3	8.1	6.4	32.6	▼	-	
Ever tried cigars	6.5	6.7	5.5	4.5	3.7	43.1	▼	-	
Ever tried smokeless tobacco	3.7	3.7	3.1	2.9	2.3	60.9	▼	-	
Ever tried hookah	7.0	6.0	3.8	4.0	3.7	47.1	▼	-	
Ever tried electronic vapor products	27.9	26.4	23.4	19.9	16.6	40.5	▼	16.6	▼
Ever tried flavored cigarettes or flavored cigars	4.8	5.6	4.1	3.6	3.4	-		-	
Ever tried cigarettes, cigars, or smokeless tobacco	14.3	15.1	13.6	11.9	9.9	30.8	▼	-	
Ever tried cigarettes, cigars, smokeless, hookah, or electronic vapor products	34.3	32.5	29.3	25.7	22.1	35.6	▼	14.0	▼
Ever tried inhaled nicotine product*	33.6	32.1	27.3	23.8	20.6	38.7	▼	13.4	▼
Ever tried oral nicotine product**	-	-	4.4	4.1	4.7	Not Available		-	
PERCENTAGE OF YOUTH WHO									
	2019	2020	2021	2022	2023				
Currently use cigarettes	1.5	1.5	1.1	1.1	1.1	26.7	▼	-	
Currently use cigars	2.2	2.5	1.7	1.3	1.3	40.9	▼	-	
Currently use smokeless tobacco	1.2	1.3	0.9	1.0	0.8	-		-	
Currently use hookah	2.4	2.3	1.5	1.5	1.6	33.3	▼	-	
Currently use electronic vapor products	16.6	14.5	12.8	10.6	9.0	45.8	▼	-	
Currently use flavored cigarettes or flavored cigars	2.0	2.8	1.7	1.5	1.6	-		-	
Currently use cigarettes, cigars, or smokeless tobacco	3.8	4.1	3.0	2.6	2.5	-		-	
Currently use cigarettes, cigars, smokeless, hookah, or electronic vapor products	19.1	17.1	14.5	12.5	10.7	44.0	▼	-	
Currently use inhaled nicotine product*	18.9	17.0	14.4	12.4	10.8	42.9	▼	-	
Currently use oral nicotine product**	-	-	1.7	1.7	2.1	Not Available		-	
PERCENTAGE OF YOUTH WHO WERE									
	2019	2020	2021	2022	2023				
Exposed to secondhand cigarette smoke	31.9	49.7	46.2	43.9	43.5	Not Available [†]		-	
Exposed to secondhand electronic vapor aerosol	41.7	48.6	46.4	48.0	50.0	Not Available [†]		-	
Exposed to secondhand cigarette or electronic vapor aerosol	52.6	61.6	58.7	57.5	56.8	Not Available [†]		-	
PERCENTAGE OF YOUTH WHO USED									
	2019	2020	2021	2022	2023				
Cigarettes on school property	0.2	0.4	0.2	0.3	0.3	40.0	▼	-	
Cigars on school property	0.4	0.6	0.3	0.3	0.3	-		-	
Smokeless tobacco on school property	0.5	0.6	0.3	0.4	0.3	-		-	
Electronic vapor products on school property	6.3	6.6	4.8	4.4	4.0	36.5	▲	-	
PERCENTAGE OF YOUTH WHO									
	2019	2020	2021	2022	2023				
Are committed to never using cigarettes	87.9	86.0	85.2	85.5	85.6	2.6	▼	-	
Are committed to never using electronic vapor products	59.8	63.5	65.0	69.4	72.7	21.6	▲	4.8	▲

Statistically significant trend
change key

- ▼ Positive decrease
- ▲ Positive increase
- ▲ Negative increase
- ▼ Negative decrease
- No change

* Inhaled nicotine product is defined as the following: cigarettes, cigars, hookah, electronic vaping, flavored cigarettes, or flavored cigars

** Oral nicotine is defined as the following: nicotine pouches or nicotine lozenges

[†] Not calculated due to changes in underlying questions across years



Florida High School Students: 2019 - 2023

PERCENTAGE OF HIGH SCHOOL STUDENTS WHO HAVE						2019 - 2023 Percentage change		2022 - 2023 Percentage change	
Ever tried cigarettes	13.1	14.1	12.6	11.1	8.6	34.4	▼	22.5	▼
Ever tried cigars	9.9	9.8	7.7	6.5	5.0	49.5	▼	23.1	▼
Ever tried smokeless tobacco	4.5	5.1	4.3	3.7	3.1	31.1	▼	-	
Ever tried hookah	11.5	9.8	6.0	6.1	5.8	49.6	▼	-	
Ever tried electronic vapor products	38.7	36.5	32.2	26.9	22.1	42.9	▼	17.8	▼
Ever tried flavored cigarettes or flavored cigars	7.1	7.9	6.0	5.4	5.1	28.2	▼	-	
Ever tried cigarettes, cigars, or smokeless tobacco	19.6	20.4	17.7	15.7	12.6	35.7	▼	19.7	▼
Ever tried cigarettes, cigars, smokeless, hookah, or electronic vapor products	46.0	43.8	38.7	33.7	28.4	38.3	▼	15.7	▼
Ever tried inhaled nicotine product*	45.5	43.5	36.3	31.5	26.4	42.0	▼	16.2	▼
Ever tried oral nicotine product**	-	-	5.8	5.1	5.5	Not Available		-	
PERCENTAGE OF HIGH SCHOOL STUDENTS WHO									
Currently use cigarettes	2.1	2.3	1.7	1.7	1.6	23.8	▼	-	
Currently use cigars	3.5	3.8	2.6	2.1	2.0	42.9	▼	-	
Currently use smokeless tobacco	1.5	1.9	1.4	1.4	1.5	-		-	
Currently use hookah	3.8	3.5	2.3	2.3	2.3	39.5	▼	-	
Currently use electronic vapor products	25.6	21.6	18.3	15.2	12.5	51.2	▼	17.8	▼
Currently use flavored cigarettes or flavored cigars	3.0	3.9	2.9	2.4	2.4	-		-	
Currently use cigarettes, cigars, or smokeless tobacco	5.4	6.0	4.2	3.8	3.7	31.5	▼	-	
Currently use cigarettes, cigars, smokeless, hookah, or electronic vapor products	28.7	25.2	20.8	17.8	14.8	48.4	▼	16.9	▼
Currently use inhaled nicotine product*	28.7	25.1	20.8	17.8	14.8	48.4	▼	16.9	▼
Currently use oral nicotine product**	-	-	2.3	2.2	2.7	Not Available		-	
PERCENTAGE OF HIGH SCHOOL STUDENTS WHO WERE									
Exposed to secondhand cigarette smoke	31.4	47.8	43.7	42.2	42.6	Not Available [†]		-	
Exposed to secondhand electronic vapor aerosol	51.9	54.6	51.2	52.1	54.3	Not Available [†]		-	
Exposed to secondhand cigarette or electronic vapor aerosol	59.3	63	59.7	58.2	58.5	Not Available [†]		-	
PERCENTAGE OF HIGH SCHOOL STUDENTS WHO USED									
Cigarettes on school property	0.4	0.6	0.4	0.4	0.5	-		-	
Cigars on school property	0.6	0.8	0.5	0.5	0.6	-		-	
Smokeless tobacco on school property	0.5	0.9	0.6	0.7	0.7	-		-	
Electronic vapor products on school property	9.6	9.4	6.3	5.9	5.2	-		-	
PERCENTAGE OF HIGH SCHOOL STUDENTS WHO									
Are committed to never using cigarettes	86.6	85.2	85.0	84.9	85.4	-		-	
Are committed to never using electronic vapor products	52.6	57.8	60.6	65.9	71.2	35.4	▲	8.0	▲

Statistically significant trend change key

- ▼ Positive decrease
- ▲ Positive increase
- ▲ Negative increase
- ▼ Negative decrease
- No change

* Inhaled nicotine product is defined as the following: cigarettes, cigars, hookah, electronic vaping, flavored cigarettes, or flavored cigars

** Oral nicotine is defined as the following: nicotine pouches or nicotine lozenges

[†] Not calculated due to changes in underlying questions across years



Florida Middle School Students: 2019 - 2023

PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO HAVE						2019	2020	2021	2022	2023	2019 - 2023 Percentage change	2022 - 2023 Percentage change
	Ever tried cigarettes	6.8	7.3	7.2	5.8	5.1	25.0	▼	-			
	Ever tried cigars	3.9	4.2	4.1	3.2	3.0	-		-			
	Ever tried smokeless tobacco	3.1	2.9	2.3	2.6	2.0	35.5	▼	-			
	Ever tried hookah	3.4	3.3	2.3	2.2	1.9	44.1	▼	-			
	Ever tried electronic vapor products	17.7	16.3	15.2	13.3	12.5	29.4	▼	-			
	Ever tried flavored cigarettes or flavored cigars	3.5	3.8	2.8	2.4	2.2	-		-			
	Ever tried cigarettes, cigars, or smokeless tobacco	10.3	11.0	10.6	9.1	8.2	20.4	▼	-			
	Ever tried cigarettes, cigars, smokeless, hookah, or electronic vapor products	23.2	21.7	20.7	18.4	17.4	25.4	▼	-			
	Ever tried inhaled nicotine product*	22.4	21.3	19.2	19.2	16.0	28.6	▼	-			
	Ever tried oral nicotine product**	-	-	3.4	3.5	4.5	Not Available		-			
PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO						2019	2020	2021	2022	2023		
	Currently use cigarettes	1.1	1.1	1.0	0.8	1.0	-		-			
	Currently use cigars	1.5	1.6	1.2	0.9	0.9	-		-			
	Currently use smokeless tobacco	1.3	1.1	0.7	0.9	0.6	53.8	▼	-			
	Currently use hookah	1.5	1.6	1.2	1.1	1.0	-		-			
	Currently use electronic vapor products	9.1	8.2	8.0	6.6	6.3	31.9	▼	-			
	Currently use flavored cigarettes or flavored cigars	1.6	2.0	1.2	1.1	1.2	-		-			
	Currently use cigarettes, cigars, or smokeless tobacco	2.9	2.9	2.3	1.9	1.8	-		-			
	Currently use cigarettes, cigars, smokeless, hookah, or electronic vapor products	11.2	10.2	9.4	8.0	7.6	32.1	▼	-			
	Currently use inhaled nicotine product*	11.1	10.2	9.2	7.9	7.6	31.5	▼	-			
	Currently use oral nicotine product**	-	-	1.6	1.6	1.8	Not Available		-			
PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO						2019	2020	2021	2022	2023		
	Exposed to secondhand cigarette smoke	32.8	51.1	48.1	45.2	43.6	Not Available [†]		-			
	Exposed to secondhand electronic vapor aerosol	30.1	41.1	40.4	42.3	44.9	Not Available [†]		-			
	Exposed to secondhand cigarette or electronic vapor aerosol	45.3	59.2	57.1	55.5	54.3	Not Available [†]		-			
PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO USED						2019	2020	2021	2022	2023		
	Cigarettes on school property	0.3	0.4	0.3	0.2	0.2	-		-			
	Cigars on school property	0.4	0.5	0.2	0.3	0.2	-		-			
	Smokeless tobacco on school property	0.6	0.5	0.2	0.3	0.3	-		-			
	Electronic vapor products on school property	3.5	3.5	3.2	2.9	2.8	-		-			
PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO						2019	2020	2021	2022	2023		
	Are committed to never using cigarettes	88.3	85.9	85.3	85.5	85.2	-		-			
	Are committed to never using electronic vapor products	66.3	69.0	69.2	72.6	73.7	11.2	▲	-			

Statistically significant
trend change key

▼ Positive decrease

▲ Positive increase

▲ Negative increase

▼ Negative decrease

■ No change

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** Oral nicotine is defined as the following: nicotine pouches or nicotine lozenges

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