



# Florida Youth Tobacco Survey

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

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The Florida Youth Tobacco Survey (FYTS) was administered in the spring of 2021. A total of **166** public high schools and middle schools in **39** Florida counties participated in the FYTS. There were 9,447 students who participated in the 2021 FYTS: **4,623** at the high school level and **4,824** 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. To achieve weighted data (representative sample), the overall response rate must be greater than or equal to the standard 60%.

#### **2021 FYTS Response Rates:**

##### ***High School:***

School Response Rate: 99%

Student Response Rate: 71%

Overall Response Rate: 71%

##### ***Middle School:***

School Response Rate: 93%

Student Response Rate: 79%

Overall Response Rate: 73%

The Youth Tobacco interactive database, found on [www.FLHealthCHARTS.gov](http://www.FLHealthCHARTS.gov), 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](mailto:FloridaYouthSurvey@FLHealth.gov).



# Florida Youth Ages 11-17: 2017 - 2021

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PERCENTAGE OF YOUTH WHO HAVE	2017	2018	2019	2020	2021	2017 - 2021		2020 - 2021	
						Percentage change		Percentage change	
Ever tried cigarettes	12.7	11.4	9.5	10.3	9.3	26.8	▼	9.7	▼
Ever tried cigars	7.9	8.0	6.5	6.7	5.5	30.4	▼	17.9	▼
Ever tried smokeless tobacco	4.1	4.4	3.7	3.7	3.1	24.4	▼	16.2	▼
Ever tried hookah	12.6	9.3	7.0	6.0	3.8	69.8	▼	36.7	▼
Ever tried electronic vapor products	22.3	26.3	27.9	26.4	23.4		■	11.4	▼
Ever tried flavored cigarettes or flavored cigars	6.8	6.6	4.8	5.6	4.1	39.7	▼	26.8	▼
Ever tried cigarettes, cigars, or smokeless tobacco	17.1	16.6	14.3	15.1	13.6	20.5	▼	9.9	▼
Ever tried cigarettes, cigars, smokeless, hookah, or electronic vapor products	30.3	33.1	34.3	32.5	29.3		■	9.8	▼
Ever tried inhaled nicotine product*	29.9	32.6	33.6	32.1	27.3	8.7	▼	15.0	▼
Ever tried oral nicotine product**	-	-	-	-	4.4	Not Available		Not Available	
<b>PERCENTAGE OF YOUTH WHO</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>				
Currently use cigarettes	2.5	2.2	1.5	1.5	1.1	56.0	▼	26.7	▼
Currently use cigars	2.7	3.0	2.2	2.5	1.7	37.0	▼	32.0	▼
Currently use smokeless tobacco	1.8	1.7	1.2	1.3	0.9	50.0	▼	30.8	▼
Currently use hookah	3.8	3.0	2.4	2.3	1.5	60.5	▼	34.8	▼
Currently use electronic vapor products	9.8	15.7	16.6	14.5	12.8	30.6	▲	11.7	▼
Currently use flavored cigarettes or flavored cigars	2.9	3.0	2.0	2.8	1.7	41.4	▼	39.3	▼
Currently use cigarettes, cigars, or smokeless tobacco	5.1	5.2	3.8	4.1	3.0	41.2	▼	26.8	▼
Currently use cigarettes, cigars, smokeless, hookah, or electronic vapor products	13.8	19.1	19.1	17.1	14.5		■	15.2	▼
Currently use inhaled nicotine product*	13.4	18.9	19.0	17.0	14.4		■	15.3	▼
Currently use oral nicotine**	-	-	-	-	1.7	Not Available		Not Available	
<b>PERCENTAGE OF YOUTH WHO WERE</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>				
Exposed to secondhand cigarette smoke	36.2	35.4	31.9	49.7	46.2	Not Available <sup>†</sup>		Not Available <sup>†</sup>	
Exposed to secondhand electronic vapor aerosol	26.4	36.6	41.7	48.6	46.4	Not Available <sup>†</sup>		Not Available <sup>†</sup>	
Exposed to secondhand cigarette smoke or electronic vapor aerosol	45.3	51.7	52.6	61.6	58.7	Not Available <sup>†</sup>		Not Available <sup>†</sup>	
<b>PERCENTAGE OF YOUTH WHO USED</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>				
Cigarettes on school property	0.6	0.5	0.2	0.4	0.2	66.7	▼		■
Cigars on school property	0.6	0.6	0.4	0.6	0.3	50.0	▼	50.0	▼
Smokeless tobacco on school property	0.8	0.7	0.5	0.6	0.3	62.5	▼	50.0	▼
Electronic vapor products on school property	2.0	4.3	6.3	6.0	4.8	140.0	▲	20.0	▼
<b>PERCENTAGE OF YOUTH WHO</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>				
Are committed to never using cigarettes	83.8	86.3	87.9	86.0	85.2	1.7	▲		■
Are committed to never using electronic vapor products	65.8	60.5	59.8	63.5	65.0		■	2.4	▲

### 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 vapor products, flavored cigarettes, flavored cigars, or flavored electronic vapor products

\*\* 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: 2017 - 2021

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PERCENTAGE OF HIGH SCHOOL STUDENTS WHO HAVE	2017	2018	2019	2020	2021	2017 - 2021		2020 - 2021		
						Percentage change		Percentage change		
Ever tried cigarettes	18.6	17.2	13.1	14.1	12.6	32.3	▼	10.6	▼	
Ever tried cigars	13.2	12.6	9.9	9.8	7.7	41.7	▼	21.4	▼	
Ever tried smokeless tobacco	6.2	6.4	4.5	5.1	4.3	30.6	▼	15.7	▼	
Ever tried hookah	20.4	15.5	11.5	9.8	6.0	70.6	▼	38.8	▼	
Ever tried electronic vapor products	32.1	37.9	38.7	36.5	32.2		■	11.8	▼	
Ever tried flavored cigarettes or flavored cigars	11.0	10.2	7.1	7.9	6.0	45.5	▼	24.1	▼	
Ever tried cigarettes, cigars, or smokeless tobacco	25.0	24.1	19.6	20.4	17.7	29.2	▼	13.2	▼	
Ever tried cigarettes, cigars, smokeless, hookah, or electronic vapor products	42.7	46.3	46.0	43.8	38.7	9.4	▼	11.6	▼	
Ever tried inhaled nicotine product*	42.4	45.9	45.5	43.5	36.3	14.4	▼	16.6	▼	
Ever tried oral nicotine**	-	-	-	-	5.8	Not Available		Not Available		
<b>PERCENTAGE OF HIGH SCHOOL STUDENTS WHO</b>										
Currently use cigarettes	4.2	3.6	2.1	2.3	1.7	59.5	▼	26.1	▼	
Currently use cigars	4.8	4.9	3.5	3.8	2.6	45.8	▼	31.6	▼	
Currently use smokeless tobacco	2.8	2.6	1.5	1.9	1.4	50.0	▼	26.3	▼	
Currently use hookah	6.2	4.9	3.8	3.5	2.3	62.9	▼	34.3	▼	
Currently use electronic vapor products	15.7	24.8	25.6	21.6	18.3	16.6	▲	15.3	▼	
Currently use flavored cigarettes or flavored cigars	5.4	5.0	3.0	3.9	2.9	46.3	▼	25.6	▼	
Currently use cigarettes, cigars, or smokeless tobacco	8.6	8.2	5.4	6.0	4.2	51.2	▼	30.0	▼	
Currently use cigarettes, cigars, smokeless, hookah, or electronic vapor products	22.2	29.3	28.7	25.2	20.8		■	17.5	▼	
Currently use inhaled nicotine product*	21.8	29.2	28.7	25.1	20.8		■	17.1	▼	
Currently use oral nicotine**	-	-	-	-	2.3	Not Available		Not Available		
<b>PERCENTAGE OF HIGH SCHOOL STUDENTS WHO WERE</b>										
Exposed to secondhand cigarette smoke	38.4	36.3	31.4	47.8	43.7	Not Available <sup>†</sup>		Not Available <sup>†</sup>		
Exposed to secondhand electronic vapor aerosol	32.7	46.2	51.9	54.6	51.2	Not Available <sup>†</sup>		Not Available <sup>†</sup>		
Exposed to secondhand cigarette smoke or electronic vapor aerosol	49.3	57.5	59.3	63.0	59.7	Not Available <sup>†</sup>		Not Available <sup>†</sup>		
<b>PERCENTAGE OF HIGH SCHOOL STUDENTS WHO USED</b>										
Cigarettes on school property	0.9	0.9	0.4	0.6	0.4	55.6	▼		■	
Cigars on school property	1.0	0.9	0.6	0.8	0.5	50.0	▼	37.5	▼	
Smokeless tobacco on school property	1.4	1.3	0.5	0.9	0.6	57.1	▼		■	
Electronic vapor products on school property	3.3	6.9	9.6	9.4	6.3	90.9	▲	33.0	▼	
<b>PERCENTAGE OF HIGH SCHOOL STUDENTS WHO</b>										
Are committed to never using cigarettes	80.0	83.5	86.6	85.2	85.0	6.3	▲		■	
Are committed to never using electronic vapor products	57.4	51.0	52.6	57.8	60.6	5.6	▲	4.8	▲	

### Statistically significant trend change key

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

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

\*\* 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: 2017 - 2021

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PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO HAVE	2017	2018	2019	2020	2021	2017 - 2021 Percentage change	2020 - 2021 Percentage change
Ever tried cigarettes	7.4	7.0	6.8	7.3	7.2	■	■
Ever tried cigars	3.9	4.3	3.9	4.2	4.1	■	■
Ever tried smokeless tobacco	2.5	3.0	3.1	2.9	2.3	■	■
Ever tried hookah	5.8	4.2	3.4	3.3	2.3	60.3 ▼	30.3 ▼
Ever tried electronic vapor products	12.4	14.7	17.7	16.3	15.2	22.6 ▲	■
Ever tried flavored cigarettes or flavored cigars	4.0	3.7	3.5	3.8	2.8	30.0 ▼	26.3 ▼
Ever tried cigarettes, cigars, or smokeless tobacco	10.2	10.2	10.3	11.0	10.6	■	■
Ever tried cigarettes, cigars, smokeless, hookah, or electronic vapor products	18.2	20.2	23.2	21.7	20.7	13.7 ▲	■
Ever tried inhaled nicotine product*	17.9	19.5	22.4	21.3	19.2	■	9.9 ▼
Ever tried oral nicotine**	-	-	-	-	3.4	Not Available	Not Available
<b>PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>		
Currently use cigarettes	1.3	1.3	1.1	1.1	1.0	■	■
Currently use cigars	1.3	1.7	1.5	1.6	1.2	■	■
Currently use smokeless tobacco	1.2	1.3	1.3	1.1	0.7	■	■
Currently use hookah	2.3	1.9	1.5	1.6	1.2	47.8 ▼	■
Currently use electronic vapor products	5.4	7.8	9.1	8.2	8.0	48.1 ▲	■
Currently use flavored cigarettes or flavored cigars	1.5	1.8	1.6	2.0	1.2	■	40.0 ▼
Currently use cigarettes, cigars, or smokeless tobacco	2.6	3.2	2.9	2.9	2.3	■	■
Currently use cigarettes, cigars, smokeless, hookah, or electronic vapor products	7.6	10.2	11.2	10.2	9.4	23.7 ▲	■
Currently use inhaled nicotine product*	7.4	10.0	11.1	10.2	9.2	24.3 ▲	■
Currently use oral nicotine**	-	-	-	-	1.6	Not Available	Not Available
<b>PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>		
Exposed to secondhand cigarette smoke	33.8	34.9	32.8	51.1	48.1	Not Available <sup>†</sup>	Not Available <sup>†</sup>
Exposed to secondhand electronic vapor aerosol	19.9	25.5	30.1	41.1	40.4	Not Available <sup>†</sup>	Not Available <sup>†</sup>
Exposed to secondhand cigarette smoke or electronic vapor aerosol	40.9	44.6	45.3	59.2	57.1	Not Available <sup>†</sup>	Not Available <sup>†</sup>
<b>PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO USED</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>		
Cigarettes on school property	0.4	0.3	0.3	0.4	0.3	■	■
Cigars on school property	0.4	0.5	0.4	0.5	0.2	■	60.0 ▼
Smokeless tobacco on school property	0.5	0.4	0.6	0.5	0.2	60.0 ▼	60.0 ▼
Electronic vapor products on school property	0.8	1.7	3.5	3.5	3.2	300.0 ▲	■
<b>PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>		
Are committed to never using cigarettes	86.8	88.0	88.3	85.9	85.3	■	■
Are committed to never using electronic vapor products	73.9	70.4	66.3	69.0	69.2	6.4 ▼	■

### Statistically significant trend change key

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

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