



# Florida Youth Tobacco Survey

## 2012 - 2018 Florida Youth (Ages 11-17), High School, and Middle School Data

The Florida Youth Tobacco Survey (FYTS) was administered in the spring of 2018. A total of **686** public high schools and middle schools in the **67** Florida counties participated in the FYTS. There were 58,072 students who participated in the 2018 FYTS; **28,051** at the high school level and **30,021** 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%.

### **2018 FYTS Response Rates:**

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

School Response Rate: 96%

Student Response Rate: 72%

Overall Response Rate: 69%

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

School Response Rate: 95%

Student Response Rate: 81%

Overall Response Rate: 77%

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. The database focuses on indicators related to cigarettes, cigars, smokeless tobacco, hookah, and electronic vapor from 2012 through 2018.

If you have questions about the database, please contact the Florida Youth Survey Coordinator at [FloridaYouthSurvey@FLHealth.gov](mailto:FloridaYouthSurvey@FLHealth.gov).

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# Florida Youth Ages 11-17: 2012 - 2018

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	2012	2013	2014	2015	2016	2017	2018	2012 - 2018		2017 - 2018		
								Percentage change		Percentage change		
<b>PERCENTAGE OF YOUTH WHO HAVE</b>												
Ever tried cigarettes	21.6	19.3	17.5	14.9	13.7	12.7	11.4	47.2	▼	10.2	▼	
Ever tried cigars	16.2	14.1	12.8	10.8	9.0	7.9	8.0	50.6	▼		■	
Ever tried smokeless tobacco	7.0	6.4	6.1	5.5	5.0	4.1	4.4	37.1	▼		■	
Ever tried hookah	9.4	9.7	14.1	14.1	15.3	12.6	9.3		■	26.2	▼	
Ever tried electronic vaping	5.7	7.8	14.3	26.2	24.5	22.3	26.3	361.4	▲	17.9	▲	
Ever tried flavored cigarettes or flavored cigars	13.4	11.4	10.8	9.4	8.1	6.8	6.6	50.7	▼		■	
Ever tried cigarettes, cigars, or smokeless tobacco	27.6	25.2	23.4	20.6	18.5	17.1	16.6	39.9	▼		■	
Ever tried cigarettes, cigars, smokeless, hookah, or electronic vaping	30.2	28.4	30.7	35.5	32.8	30.3	33.1	9.6	▲	9.2	▲	
Ever tried cigarettes, cigars, hookah, electronic vaping, flavored cigarettes, or flavored cigars	29.3	27.5	30.1	35.1	32.1	29.9	32.6	11.3	▲	9.0	▲	
<b>PERCENTAGE OF YOUTH WHO</b>												
Currently use cigarettes	6.1	5.1	4.3	3.8	3.0	2.5	2.2	63.9	▼		■	
Currently use cigars	6.5	5.3	5.1	4.6	3.4	2.7	3.0	53.8	▼		■	
Currently use smokeless tobacco	3.0	2.8	3.0	2.5	2.2	1.8	1.7	43.3	▼		■	
Currently use hookah	4.1	4.5	7.1	6.4	4.8	3.8	3.0	26.8	▼	21.1	▼	
Currently use electronic vaping	2.3	3.4	7.2	11.0	11.6	9.8	15.7	582.6	▲	60.2	▲	
Currently use flavored cigarettes or flavored cigars	5.9	4.9	4.6	4.1	3.3	2.9	3.0	49.2	▼		■	
Currently use cigarettes, cigars, or smokeless tobacco	11.0	9.5	9.0	7.9	6.3	5.1	5.2	52.7	▼		■	
Currently use cigarettes, cigars, smokeless, hookah, or electronic vaping	13.1	12.2	15.3	16.7	16.3	13.8	19.1	45.8	▲	38.4	▲	
Currently use cigarettes, cigars, hookah, electronic vaping, flavored cigarettes, or flavored cigars	12.6	11.7	14.7	16.3	15.8	13.4	18.9	50.0	▲	41.0	▲	
<b>PERCENTAGE OF YOUTH WHO WERE</b>												
Exposed to secondhand cigarette smoke	44.1	40.9	37.5	36.5	40.0	36.2	35.4	19.7	▼		■	
Exposed to secondhand electronic vapor smoke	-	-	-	-	29.5	26.4	36.6	Not Available		38.6	▲	
Exposed to secondhand cigarette or electronic vapor smoke	-	-	-	-	49.7	45.3	51.7	Not Available		14.1	▲	
<b>PERCENTAGE OF YOUTH WHO USED</b>												
Cigarettes on school property	2.2	2.0	1.1	1.0	0.5	0.6	0.5	77.3	▼		■	
Cigars on school property	2.1	1.9	1.5	1.7	0.8	0.6	0.6	71.4	▼		■	
Smokeless tobacco on school property	1.8	1.4	1.6	1.4	1.0	0.8	0.7	61.1	▼		■	
Electronic vapors on school property	-	-	5.5	3.4	2.4	2.0	4.3	Not Available		115.0	▲	
<b>PERCENTAGE OF YOUTH WHO</b>												
Are committed to never using cigarettes	65.7	67.6	67.1	75.6	84.8	83.8	86.3	31.4	▲	3.0	▲	

Statistically significant trend change key

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



# Florida High School Students: 2012 - 2018

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	2012	2013	2014	2015	2016	2017	2018	2012 - 2018 Percentage change	2017 - 2018 Percentage change
<b>PERCENTAGE OF HIGH SCHOOL STUDENTS WHO HAVE</b>									
Ever tried cigarettes	31.6	27.6	26.2	22.9	20.6	18.6	17.2	45.6 ▼	■
Ever tried cigars	25.3	22.3	20.5	17.5	14.8	13.2	12.6	50.2 ▼	■
Ever tried smokeless tobacco	10.8	9.6	9.5	8.8	7.9	6.2	6.4	40.7 ▼	■
Ever tried hookah	16.6	16.6	22.5	21.2	23.6	20.4	15.5	■	24.0 ▼
Ever tried electronic vaping	8.2	12.0	20.5	37.6	35.4	32.1	37.9	362.2 ▲	18.1 ▲
Ever tried flavored cigarettes or flavored cigars	20.8	17.8	16.6	14.5	13.3	11.0	10.2	51.0 ▼	■
Ever tried cigarettes, cigars, or smokeless tobacco	39.7	35.8	34.2	31.0	27.4	25.0	24.1	39.3 ▼	■
Ever tried cigarettes, cigars, smokeless, hookah, or electronic vaping	42.9	39.9	43.1	49.6	45.9	42.7	46.3	7.9 ▲	8.4 ▲
Ever tried cigarettes, cigars, hookah, electronic vaping, flavored cigarettes, or flavored cigars	41.9	39.1	42.4	49.0	45.3	42.4	45.9	9.5 ▲	8.3 ▲
<b>PERCENTAGE OF HIGH SCHOOL STUDENTS WHO</b>									
Currently use cigarettes	10.0	8.5	7.5	6.9	5.2	4.2	3.6	64.0 ▼	■
Currently use cigars	10.8	8.7	8.5	7.8	6.2	4.8	4.9	54.6 ▼	■
Currently use smokeless tobacco	4.9	4.4	4.9	4.4	3.7	2.8	2.6	46.9 ▼	■
Currently use hookah	7.5	8.0	11.6	9.7	7.6	6.2	4.9	34.7 ▼	21.0 ▼
Currently use electronic vaping	3.3	5.3	10.8	15.8	18.0	15.7	24.8	651.5 ▲	58.0 ▲
Currently use flavored cigarettes or flavored cigars	9.6	7.8	7.8	7.1	5.8	5.4	5.0	47.9 ▼	■
Currently use cigarettes, cigars, or smokeless tobacco	17.5	14.9	14.5	13.2	10.6	8.6	8.2	53.1 ▼	■
Currently use cigarettes, cigars, smokeless, hookah, or electronic vaping	20.7	19.0	23.3	24.8	25.7	22.2	29.3	41.5 ▲	32.0 ▲
Currently use cigarettes, cigars, hookah, electronic vaping, flavored cigarettes, or flavored cigars	20.0	18.5	22.5	24.3	25.0	21.8	29.2	46.0 ▲	33.9 ▲
<b>PERCENTAGE OF HIGH SCHOOL STUDENTS WHO WERE</b>									
Exposed to secondhand cigarette smoke	47.6	43.9	39.7	38.3	42.2	38.4	36.3	23.7 ▼	■
Exposed to secondhand electronic vapor smoke	-	-	-	-	36.1	32.7	46.2	Not Available	41.3 ▲
Exposed to secondhand cigarette or electronic vapor smoke	-	-	-	-	53.9	49.3	57.5	Not Available	16.6 ▲
<b>PERCENTAGE OF HIGH SCHOOL STUDENTS WHO</b>									
Cigarettes on school property	3.6	3.2	2.2	2.0	1.2	0.9	0.9	75.0 ▼	■
Cigars on school property	3.2	3.0	2.7	3.1	1.3	1.0	0.9	71.9 ▼	■
Smokeless tobacco on school property	3.1	2.7	2.9	2.6	1.9	1.4	1.3	58.1 ▼	■
Electronic vapors on school property	-	-	8.9	5.1	3.7	3.3	6.9	Not Available	109.1 ▲
<b>PERCENTAGE OF HIGH SCHOOL STUDENTS WHO</b>									
Are committed to never using cigarettes	58.5	61.8	60.7	69.1	81.3	80.0	83.5	42.7 ▲	4.4 ▲

Statistically significant trend change key

- ▼ Positive decrease
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- No change



# Florida Middle School Students: 2012 - 2018

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PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO HAVE	2012	2013	2014	2015	2016	2017	2018	2012 - 2018 Percentage change	2017 - 2018 Percentage change
Ever tried cigarettes	12.7	11.9	10.4	8.5	8.1	7.4	7.0	44.9 ▼	■
Ever tried cigars	8.4	6.8	6.4	5.3	4.3	3.9	4.3	48.8 ▼	■
Ever tried smokeless tobacco	4.1	3.9	3.7	3.1	3.0	2.5	3.0	26.8 ▼	■
Ever tried hookah	3.4	3.9	6.6	7.7	7.7	5.8	4.2	23.5 ▲	27.6 ▼
Ever tried electronic vaping	3.7	4.2	8.5	14.7	13.6	12.4	14.7	297.3 ▲	18.5 ▲
Ever tried flavored cigarettes or flavored cigars	6.9	6.2	6.0	5.4	3.9	4.0	3.7	46.4 ▼	■
Ever tried cigarettes, cigars, or smokeless tobacco	16.7	15.7	14.3	11.9	10.9	10.2	10.2	38.9 ▼	■
Ever tried cigarettes, cigars, smokeless, hookah, or electronic vaping	18.6	18.0	19.2	22.1	19.6	18.2	20.2	8.6 ▲	■
Ever tried cigarettes, cigars, hookah, electronic vaping, flavored cigarettes, or flavored cigars	17.7	17.3	18.7	21.8	19.0	17.9	19.5	10.2 ▲	8.9 ▲
<b>PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
Currently use cigarettes	3.1	2.6	2.3	2.0	1.7	1.3	1.3	58.1 ▼	■
Currently use cigars	3.4	2.6	2.7	2.4	1.7	1.3	1.7	50.0 ▼	■
Currently use smokeless tobacco	1.8	1.8	1.8	1.5	1.4	1.2	1.3	27.8 ▼	■
Currently use hookah	1.7	1.9	3.5	3.8	2.8	2.3	1.9	■	■
Currently use electronic vaping	1.6	1.7	4.0	6.6	6.4	5.4	7.8	387.5 ▲	44.4 ▲
Currently use flavored cigarettes or flavored cigars	3.1	2.8	2.5	2.3	1.7	1.5	1.8	41.9 ▼	■
Currently use cigarettes, cigars, or smokeless tobacco	5.8	5.3	4.8	4.2	3.4	2.6	3.2	44.8 ▼	■
Currently use cigarettes, cigars, smokeless, hookah, or electronic vaping	7.0	6.7	8.4	10.0	8.9	7.6	10.2	45.7 ▲	34.2 ▲
Currently use cigarettes, cigars, hookah, electronic vaping, flavored cigarettes, or flavored cigars	6.7	6.6	8.1	10.0	8.6	7.4	10.0	49.3 ▲	35.1 ▲
<b>PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
Exposed to secondhand cigarette smoke	41.2	38.3	35.9	34.4	37.6	33.8	34.9	15.3 ▼	■
Exposed to secondhand electronic vapor smoke	-	-	-	-	22.4	19.9	25.5	Not Available	28.1 ▲
Exposed to secondhand cigarette or electronic vapor smoke	-	-	-	-	44.9	40.9	44.6	Not Available	9.0 ▲
<b>PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO USED</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
Cigarettes on school property	1.4	1.6	0.7	0.7	0.4	0.4	0.3	78.6 ▼	■
Cigars on school property	1.4	1.2	1.1	1.1	0.5	0.4	0.5	64.3 ▼	■
Smokeless tobacco on school property	0.9	0.7	0.9	0.9	0.6	0.5	0.4	55.6 ▼	■
Electronic vapors on school property	-	-	2.8	1.8	1.3	0.8	1.7	Not Available	112.5 ▲
<b>PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>		
Are committed to never using cigarettes	72.3	73.2	72.6	81.0	86.9	86.8	88.0	21.7 ▲	■

Statistically significant trend change key

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