



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 2020. A total of **683** public high schools and middle schools in **65** Florida counties participated in the FYTS. There were **56,266** students who participated in the 2020 FYTS; **27,157** at the high school level and **29,109** 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. The longstanding minimum overall response rate to achieve weighted data had been a 60% combined (school x student) response rate. Given the unusual nature of 2020 data collection due to the COVID-19 pandemic, the FYTS vendor and the Florida Department of Health (DOH) agreed that lowering the threshold to a 50% response rate was acceptable with some additional data comparisons. Additionally, because of the statewide school closures due to the COVID-19 pandemic, several counties had lower than expected response rates. If a county's overall response rate was below 50%, additional analyses were undertaken to determine if the data would be weighted. Baker, Broward and Liberty counties were not weighted at one or both school levels due to a lack of representative data and a very low response rate.

2020 FYTS Response Rates:

High School:

School Response Rate: 92.2%

Student Response Rate: 68.6%

Overall Response Rate: 63.2%

Middle School:

School Response Rate: 91.4%

Student Response Rate: 76.0%

Overall Response Rate: 69.5%

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.



Florida Youth Ages 11-17: 2014 - 2020

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	2014	2015	2016	2017	2018	2019	2020	2014 - 2020 Percentage change	2019 - 2020 Percentage change
PERCENTAGE OF YOUTH WHO HAVE									
Ever tried cigarettes	17.5	14.9	13.7	12.7	11.4	9.5	10.3	41.1 ▼	8.4 ▲
Ever tried cigars	12.7	10.7	9.0	7.9	8.0	6.5	6.7	47.2 ▼	■
Ever tried smokeless tobacco	6.1	5.5	5.0	4.1	4.4	3.7	3.7	39.3 ▼	■
Ever tried hookah	14.1	14.1	15.3	12.6	9.3	7.0	6.0	57.4 ▼	14.3 ▼
Ever tried electronic vaping	14.3	26.2	24.5	22.3	26.3	27.9	26.4	84.6 ▲	5.4 ▼
Ever tried flavored cigarettes or flavored cigars	10.8	9.4	8.1	6.8	6.6	4.8	5.6	48.1 ▼	16.7 ▲
Ever tried cigarettes, cigars, or smokeless tobacco	23.4	20.5	18.5	17.1	16.6	14.3	15.1	35.5 ▼	■
Ever tried cigarettes, cigars, smokeless, hookah, or electronic vaping	30.6	35.5	32.7	30.3	33.1	34.3	32.5	6.2 ▲	5.2 ▼
Ever tried inhaled nicotine product*	30.1	35.1	32.1	29.9	32.6	33.6	32.1	6.6 ▲	4.5 ▼
PERCENTAGE OF YOUTH WHO									
Currently use cigarettes	4.3	3.8	3.0	2.5	2.2	1.5	1.5	65.1 ▼	■
Currently use cigars	5.4	5.0	3.4	2.7	3.0	2.2	2.5	53.7 ▼	■
Currently use smokeless tobacco	3.3	2.8	2.2	1.8	1.7	1.2	1.3	60.6 ▼	■
Currently use hookah	7.1	6.3	4.8	3.8	3.0	2.4	2.3	67.6 ▼	■
Currently use electronic vaping	7.2	10.9	11.6	9.8	15.7	16.6	14.5	101.4 ▲	12.7 ▼
Currently use flavored cigarettes or flavored cigars	4.6	4.1	3.3	2.9	3.0	2.0	2.8	39.1 ▼	40.0 ▲
Currently use cigarettes, cigars, or smokeless tobacco	9.2	8.2	6.3	5.1	5.2	3.8	4.1	55.4 ▼	■
Currently use cigarettes, cigars, smokeless, hookah, or electronic vaping	15.4	16.9	16.3	13.8	19.1	19.1	17.1	11.0 ▲	10.5 ▼
Currently use inhaled nicotine product*	14.7	16.3	15.8	13.4	18.9	19.0	17.0	15.6 ▲	10.5 ▼
PERCENTAGE OF YOUTH WHO WERE									
Exposed to secondhand cigarette smoke	37.5	36.5	40.0	36.2	35.4	31.9	49.7	Not Available†	Not Available†
Exposed to secondhand electronic vapor smoke	-	-	29.5	26.4	36.6	41.7	48.6	Not Available†	Not Available†
Exposed to secondhand cigarette or electronic vapor smoke	-	-	49.7	45.3	51.7	52.6	61.6	Not Available†	Not Available†
PERCENTAGE OF YOUTH WHO USED									
Cigarettes on school property	1.8	1.6	0.5	0.6	0.5	0.2	0.4	77.8 ▼	■
Cigars on school property	2.0	2.1	0.8	0.6	0.6	0.4	0.6	70.0 ▼	■
Smokeless tobacco on school property	2.0	1.8	1.0	0.8	0.7	0.5	0.6	70.0 ▼	■
Electronic vapors on school property	5.5	3.4	2.4	2.0	4.3	6.3	6.6	20.0 ▲	■
PERCENTAGE OF YOUTH WHO									
Are committed to never using cigarettes	67.1	75.6	84.8	83.8	86.3	87.9	86.0	28.1 ▲	2.2 ▼
Are committed to never using electronic vapor products	-	58.7	65.6	65.8	60.5	59.8	63.5	Not Available	6.2 ▲

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

† Not calculated due to changes in underlying questions across years



Florida High School Students: 2014 - 2020

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PERCENTAGE OF HIGH SCHOOL STUDENTS WHO HAVE	2014	2015	2016	2017	2018	2019	2020	2014 - 2020 Percentage change	2019 - 2020 Percentage change
Ever tried cigarettes	26.1	22.9	20.6	18.6	17.2	13.1	14.1	46.0 ▼	■
Ever tried cigars	20.3	17.5	14.8	13.2	12.6	9.9	9.8	51.7 ▼	■
Ever tried smokeless tobacco	9.4	8.8	7.8	6.2	6.4	4.5	5.1	45.7 ▼	■
Ever tried hookah	22.5	21.2	23.5	20.4	15.5	11.5	9.8	56.4 ▼	14.8 ▼
Ever tried electronic vaping	20.5	37.6	35.4	32.1	37.9	38.7	36.5	78.0 ▲	5.7 ▼
Ever tried flavored cigarettes or flavored cigars	16.6	14.5	13.3	11.0	10.2	7.1	7.9	52.4 ▼	■
Ever tried cigarettes, cigars, or smokeless tobacco	34.1	30.9	27.3	25.0	24.1	19.6	20.4	40.2 ▼	■
Ever tried cigarettes, cigars, smokeless, hookah, or electronic vaping	43.0	49.6	45.9	42.7	46.3	46.0	43.8	■	4.8 ▼
Ever tried inhaled nicotine product*	42.4	49.0	45.3	42.4	45.9	45.5	43.5	■	4.4 ▼
PERCENTAGE OF HIGH SCHOOL STUDENTS WHO	2014	2015	2016	2017	2018	2019	2020		
Currently use cigarettes	7.5	6.9	5.2	4.2	3.6	2.1	2.3	69.3 ▼	■
Currently use cigars	9.1	8.5	6.1	4.8	4.9	3.5	3.8	58.2 ▼	■
Currently use smokeless tobacco	5.4	4.9	3.7	2.8	2.6	1.5	1.9	64.8 ▼	26.7 ▲
Currently use hookah	11.6	9.7	7.6	6.2	4.9	3.8	3.5	69.8 ▼	■
Currently use electronic vaping	10.8	15.8	18.0	15.7	24.8	25.6	21.6	100.0 ▲	15.6 ▼
Currently use flavored cigarettes or flavored cigars	7.8	7.1	5.8	5.4	5.0	3.0	3.9	50.0 ▼	30.0 ▲
Currently use cigarettes, cigars, or smokeless tobacco	14.8	13.6	10.5	8.6	8.2	5.4	6.0	59.5 ▼	■
Currently use cigarettes, cigars, smokeless, hookah, or electronic vaping	23.5	25.0	25.7	22.2	29.3	28.7	25.2	7.2 ▲	12.2 ▼
Currently use inhaled nicotine product*	22.5	24.3	25.0	21.8	29.2	28.7	25.1	11.6 ▲	12.5 ▼
PERCENTAGE OF HIGH SCHOOL STUDENTS WHO WERE	2014	2015	2016	2017	2018	2019	2020		
Exposed to secondhand cigarette smoke	39.7	38.3	42.1	38.4	36.3	31.4	47.8	Not Available†	Not Available†
Exposed to secondhand electronic vapor smoke	-	-	36.1	32.7	46.2	51.9	54.6	Not Available†	Not Available†
Exposed to secondhand cigarette or electronic vapor smoke	-	-	53.9	49.3	57.5	59.3	63.0	Not Available†	Not Available†
PERCENTAGE OF HIGH SCHOOL STUDENTS WHO	2014	2015	2016	2017	2018	2019	2020		
Cigarettes on school property	3.3	3.1	1.1	0.9	0.9	0.4	0.6	81.8 ▼	■
Cigars on school property	3.5	4.0	1.3	1.0	0.9	0.6	0.8	77.1 ▼	■
Smokeless tobacco on school property	3.6	3.2	1.9	1.4	1.3	0.5	0.9	75.0 ▼	80.0 ▲
Electronic vapors on school property	8.9	5.1	3.7	3.3	6.9	9.6	9.4	■	■
PERCENTAGE OF HIGH SCHOOL STUDENTS WHO	2014	2015	2016	2017	2018	2019	2020		
Are committed to never using cigarettes	60.7	69.1	81.3	80.0	83.5	86.6	85.2	40.4 ▲	1.6 ▼
Are committed to never using electronic vapor products	-	47.2	55.9	57.4	51.0	52.6	57.8	Not Available	9.9 ▲

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

† Not calculated due to changes in underlying questions across years



Florida Middle School Students: 2014 - 2020

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PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO HAVE	2014	2015	2016	2017	2018	2019	2020	2014 - 2020 Percentage change	2019 - 2020 Percentage change
Ever tried cigarettes	10.4	8.5	8.0	7.4	7.0	6.8	7.3	29.8 ▼	■
Ever tried cigars	6.4	5.2	4.3	3.9	4.3	3.9	4.2	34.4 ▼	■
Ever tried smokeless tobacco	3.7	3.1	2.9	2.5	3.0	3.1	2.9	21.6 ▼	■
Ever tried hookah	6.6	7.7	7.6	5.8	4.2	3.4	3.3	50.0 ▼	■
Ever tried electronic vaping	8.5	14.7	13.5	12.4	14.7	17.7	16.3	91.8 ▲	7.9 ▼
Ever tried flavored cigarettes or flavored cigars	6.0	5.4	3.9	4.0	3.7	3.5	3.8	36.7 ▼	■
Ever tried cigarettes, cigars, or smokeless tobacco	14.2	11.8	10.8	10.2	10.2	10.3	11.0	22.5 ▼	■
Ever tried cigarettes, cigars, smokeless, hookah, or electronic vaping	19.2	22.1	19.6	18.2	20.2	23.2	21.7	13.0 ▲	■
Ever tried inhaled nicotine product*	18.7	21.8	19.0	17.9	19.5	22.4	21.3	13.9 ▲	■
PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO									
Currently use cigarettes	2.3	2.0	1.7	1.3	1.3	1.1	1.1	52.2 ▼	■
Currently use cigars	2.9	2.8	1.6	1.3	1.7	1.5	1.6	44.8 ▼	■
Currently use smokeless tobacco	2.1	1.8	1.4	1.2	1.3	1.3	1.1	47.6 ▼	■
Currently use hookah	3.5	3.7	2.8	2.3	1.9	1.5	1.6	54.3 ▼	■
Currently use electronic vaping	4.0	6.4	6.3	5.4	7.8	9.1	8.2	105.0 ▲	■
Currently use flavored cigarettes or flavored cigars	2.5	2.3	1.7	1.5	1.8	1.6	2.0	20.0 ▼	■
Currently use cigarettes, cigars, or smokeless tobacco	5.1	4.6	3.3	2.6	3.2	2.9	2.9	43.1 ▼	■
Currently use cigarettes, cigars, smokeless, hookah, or electronic vaping	8.5	10.3	8.9	7.6	10.2	11.2	10.2	20.0 ▲	■
Currently use inhaled nicotine product*	8.1	10.0	8.6	7.4	10.0	11.1	10.2	25.9 ▲	■
PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO									
Exposed to secondhand cigarette smoke	35.9	34.4	37.6	33.8	34.9	32.8	51.1	Not Available [†]	Not Available [†]
Exposed to secondhand electronic vapor smoke	-	-	22.4	19.9	25.5	30.1	41.1	Not Available [†]	Not Available [†]
Exposed to secondhand cigarette or electronic vapor smoke	-	-	44.8	40.9	44.6	45.3	59.2	Not Available [†]	Not Available [†]
PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO USED									
Cigarettes on school property	1.2	1.3	0.3	0.4	0.3	0.3	0.4	66.7 ▼	■
Cigars on school property	1.4	1.4	0.5	0.4	0.5	0.4	0.5	64.3 ▼	■
Smokeless tobacco on school property	1.2	1.3	0.5	0.5	0.4	0.6	0.5	58.3 ▼	■
Electronic vapors on school property	2.8	1.8	1.3	0.8	1.7	3.5	3.5	25.0 ▲	■
PERCENTAGE OF MIDDLE SCHOOL STUDENTS WHO									
Are committed to never using cigarettes	72.6	81.0	86.9	86.8	88.0	88.3	85.9	18.3 ▲	2.7 ▼
Are committed to never using electronic vapor products	-	70.7	75.3	73.9	70.4	66.3	69.0	Not Available	4.1 ▲

Statistically significant trend change key

- ▼ Positive decrease
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- ▼ Negative decrease
- No change

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

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