

2019 South Carolina Youth Tobacco Survey Results

Division of Tobacco Prevention and Control
South Carolina Department of Health and Environment Control



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Table HS-1: Percentage of high school students who report ever¹ using tobacco products by gender, race/ethnicity and grade – Results from 2019 South Carolina Youth Tobacco Survey.

Characteristic	Any Tobacco ²		Cigarette		Smokeless Tobacco		Cigar		Pipe		e-Cigarette	
	%	(95% CI) ³	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)
Gender												
Male	54.2	(±6.4)	27.4	(±5.9)	18.6	(±3.6)	27	(±5.6)	6.6	(±1.5)	40.8	(±5.8)
Female	50.9	(±4.6)	21.4	(±4.1)	8	(±3.3)	19.2	(±3.7)	3.6	(±1.2)	38.3	(±5.2)
Race/Ethnicity												
White	58.7	(±5.1)	29.9	(±6.4)	17.7	(±3.8)	25.4	(±4.2)	4.5	(±1.2)	49.8	(±5.7)
Black	42.1	(±6.5)	15.1	(±4.4)	7.6	(±2.8)	19	(±3.2)	-- ⁴	--	22.6	(±5.5)
Hispanic	56.3	(±9.4)	29.7	(±8.5)	10.4	(±4.8)	22.2	(±6.4)	--	--	46.2	(±9.4)
Grade												
9	44.3	(±5.2)	20.2	(±5.6)	11.1	(±4.0)	19.5	(±5.3)	--	--	33.6	(±6.9)
10	51	(±6.2)	19	(±4.1)	11	(±3.1)	20.5	(±4.5)	2.8	(±0.9)	39.5	(±7.5)
11	56.5	(±8.8)	27.5	(±7.4)	14.6	(±5.6)	25.6	(±6.4)	--	--	45.5	(±10.0)
12	59.7	(±7.4)	33.2	(±9.2)	17.3	(±6.7)	26.4	(±5.9)	--	--	40.9	(±8.9)
Total	52.6	(±3.7)	24.4	(±3.9)	13.3	(±2.3)	23.1	(±3.0)	10.2	(±1.9)	39.5	(±4.2)

1 - To determine the ever use of tobacco, students were asked “Have you ever tried cigarette smoking, even one or two puffs?” “Have you ever used chewing tobacco, snuff, or dip, such as Redman, Levi Garrett, Beechnut, Skoal, Bandits, or Copenhagen, even just a small amount?”, “Have you ever tried smoking cigars, cigarillos, or little cigars, even one or two puffs?”, “Have you ever tried smoking tobacco in a pipe, even one or two puffs?”, “Have you ever tried smoking tobacco in a hookah or waterpipe, even one or two puffs?”, “Have you ever used an e-cigarette, even once or twice?”

2 - Any tobacco includes cigarettes, cigars, smokeless tobacco, pipe, e-cigarettes, or hookah.

3 - Ninety-five percent confidence interval.

4 - Unreliable estimates (based on less than 35 respondents) are not presented.

Table HS-2: Percentage of high school students who report current use¹ of tobacco products by gender, race/ethnicity and grade – Results from 2019 South Carolina Youth Tobacco Survey.

Characteristic	Any Tobacco ²		Cigarette		Smokeless Tobacco		Cigars		Pipes		e-Cigarette	
	%	(95% CI) ³	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)
Gender												
Male	29.5	(±5.9)	6.3	(±2.5)	6.6	(±2.5)	10.2	(±3.9)	-- ⁴	--	23.2	(±5.3)
Female	25.5	(±3.9)	3.6	(±1.8)	1.5	(±1.1)	5.2	(±1.6)	--	--	21.1	(±4.8)
Race/Ethnicity												
White	34.4	(±6.6)	6.4	(±2.3)	4.9	(±2.6)	7.7	(±3.6)	--	--	30.9	(±6.0)
Black	16.2	(±4.6)	1.9	(±2.1)	1.9	(±1.6)	6.7	(±2.3)	--	--	8.8	(±3.2)
Hispanic	34.3	(±7.3)	7.7	(±4.1)	5.2	(±4.1)	11.0	(±5.5)	--	--	27.6	(±7.5)
Grade												
9	24.6	(±6.1)	4.3	(±2.3)	3.2	(±2.1)	7.0	(±3.9)	--	--	20.7	(±6.3)
10	23.5	(±7.1)	3.7	(±1.8)	3.3	(±2.4)	6.0	(±3.4)	--	--	20.6	(±6.0)
11	29.9	(±7.9)	6.2	(±3.2)	3.6	(±2.9)	7.7	(±3.4)	--	--	24.5	(±7.6)
12	32.7	(±7.4)	6.0	(±3.3)	6.6	(±3.4)	9.7	(±4.7)	--	--	22.8	(±8.7)
Total	27.5	(±4.0)	4.9	(±1.5)	4.1	(±1.4)	7.7	(±2.4)	3.36	(±1.1)	22.1	(±3.9)

1 - Current use is defined as having used the product on one or more days in the past 30 days preceding the survey.

2 - Any tobacco includes cigarettes, cigars, smokeless tobacco, pipe, e-cigarettes, or hookah

3 - Ninety-five percent confidence interval.

4 - Unreliable estimates (based on less than 35 respondents) are not presented.

Table HS-3: Percentage of high school current smokers who usually smoke Menthol cigarettes, by gender, race/ethnicity and grade – Results from 2019 South Carolina Youth Tobacco Survey.

Characteristic	Usually Smoke Menthol Cigarettes	
	%	(95% CI) ¹
<i>Gender</i>		
Male	-- ²	--
Female	--	--
<i>Race/Ethnicity</i>		
White	46.6	(±19.2)
Black	--	--
Hispanic	--	--
<i>Grade</i>		
9	--	--
10	--	--
11	--	--
12	--	--
Total	39.6	(±13.4)

1 - Ninety-five percent confidence interval.

2 - Unreliable estimates (based on less than 35 respondents) are not presented.

Table HS-4: Percentage of high school students¹ who report ever-use and current use of emerging tobacco products – Results from 2019 South Carolina Youth Tobacco Survey.

Characteristic	Ever use		Current use	
	% ²	(95% CI) ³	%	(95% CI)
Roll-Your-Own Cigarette	7.6	(±1.6)	6.0	(±1.4)
Flavored Cigars/cigarillos	9.7	(±1.7)	4.2	(±1.2)
Snus	4.9	(±1.3)	--	--
Dissolvable tobacco products	-- ⁴	--	--	--
Bidis	--	--	--	--
Snus	4.9	(±1.3)	--	--
Hookah	13.1	(±2.2)	5.9	(±1.4)
Other new product	4.2	(±1.2)	3.4	(±1.0)
HS students using at least one of the above products	28.4	(±2.7)	17.6	(±2.3)

1 - This table was presented among current smokers in the 2017 detailed tables. However, due to the significant decline in smoking use among high school students, the above indicators represent use among all respondents.

2 - Students had an option to choose more than one emerging tobacco product; hence the total could be more than 100%.

3 - Ninety-five percent confidence interval.

4 - Unreliable estimates (based on less than 35 respondents) are not presented.

Table HS-5: Percentage of high school ever smokers who report smoking a whole cigarette before age 11 and smoking at least 100 cigarettes in their lifetime, and percentage of high school current smokers who report frequent use¹ of cigarettes and heavy cigarette smoking², by gender, race/ethnicity and grade – Results from 2019 South Carolina Youth Tobacco Survey.

Characteristic	Ever Smokers				Current Smokers			
	Smoked first whole cigarette before age 11		Smoked at least 100 cigarettes in their lifetime		Smoked cigarettes on 20 or more days in past 30 days		Smoke 6 or more cigarettes on the days they smoke	
	%	(95% CI) ³	%	(95% CI)	%	(95% CI)	%	(95% CI)
Gender								
Male	22.6	(±5.7)	13.2	(±6.5)	3.2	(±2.4)	-- ⁴	--
Female	17.2	(±9.8)	6	(±4.8)	0.7	(±0.8)	--	--
Race/Ethnicity								
White	19.1	(±7.4)	10.4	(±4.3)	1.9	(±1.5)	18.2	(±11.0)
Black	29.5	(±10.7)	9.8	(±9.8)	1.4	(±1.6)	--	--
Hispanic	10.8	(±7.3)	7	(±9.0)	2.5	(±3.4)	--	--
Grade								
9	20.5	(±7.1)	7.4	(±7.9)	1.5	(±1.5)	--	--
10	18.7	(±9.5)	7	(±3.8)	0.6	(±0.6)	--	--
11	15.9	(±9.7)	12.7	(±8.0)	2	(±2.0)	--	--
12	24.8	(±14.4)	12	(±10.0)	3.9	(±3.0)	--	--
Total	20.2	(±6.7)	10.1	(±4.3)	1.9	(±1.3)	20.1	(±10.6)

1 - Current smokers who smoked on 20 or more days in past 30 days.

2 - Current smokers who smoke 6 or more cigarettes on the days they smoke.

3 - Ninety-five percent confidence interval.

4 - Unreliable estimates (based on less than 35 respondents) are not presented.

Table HS-6: Percentage of high school current vapers who report their usual source of cigarettes by commercial sources, social sources and other sources – Results from 2019 South Carolina Youth Tobacco Survey.

Characteristic	Current Vapers	
	% ¹	(95% CI) ²
<i>Commercial Sources</i>		
Bought them in a gas station or convenience store	23.7	(±5.6)
Bought them from a vape shop	12.5	(±4.3)
Bought them from another store type ³	-- ⁴	--
<i>Social Sources</i>		
Family	12.3	(±3.9)
Friends	45.1	(±6.1)
Some other person	--	--
Other sources such as Internet	--	--

1 - Students had an option to choose more than one source; hence the total could be more than 100%.

2 - Ninety-five percent confidence interval.

3 - Includes grocery store, drugstore, or mall kiosk

4 - Unreliable estimates (based on less than 35 respondents) are not presented.

Table HS-7: Percentage of high school students¹ who report quit intentions, quit attempts and length of last quit attempt by gender, race/ethnicity and grade – Results from 2019 South Carolina Youth Tobacco Survey.

Characteristic	Students who want to stop smoking cigarettes		Students who tried to quit at least once in the past 12 months		Students who stayed off cigarettes for less than 30 days during their quit attempt	
	%	(95% CI) ²	%	(95% CI)	%	(95% CI)
Gender						
Male	46.2	(±10.3)	63.6	(±12.8)	--	--
Female	-- ³	--	--	--	--	--
Race/Ethnicity						
White	49.0	(±11.6)	53.7	(±12.0)	--	--
Black	--	--	--	--	--	--
Hispanic	--	--	--	--	--	--
Grade						
9	--	--	--	--	--	--
10	--	--	--	--	--	--
11	--	--	--	--	--	--
12	--	--	--	--	--	--
Total	46.0	(±8.3)	60.6	(±9.6)	30.9	(±8.1)

1 - This table was presented among current smokers in the 2017 detailed tables. However, due to the significant decline in smoking use among high school students, the above indicators represent intentions to quit smoking among all respondents.

2 - Ninety-five percent confidence interval.

3 - Unreliable estimates (based on less than 35 respondents) are not presented.

Table HS-8: Percentage of high school students¹ who report living in houses or riding in vehicles with strict no-smoking rules (smoking never allowed) by gender, race/ethnicity and grade – Results from 2019 South Carolina Youth Tobacco Survey.

Characteristic	Home smoke-free rules		Vehicle Smoke-free rules	
	%	(95% CI) ²	%	(95% CI)
Gender				
Male	73.8	(±3.8)	69.1	(±4.0)
Female	77.3	(±3.6)	70.3	(±3.9)
Race/Ethnicity				
White	77.0	(±3.5)	66.7	(±4.0)
Black	76.0	(±4.4)	74.9	(±4.4)
Hispanic	75.5	(±7.3)	73.0	(±7.6)
Grade				
9	76.3	(±4.8)	68.5	(±5.5)
10	76.0	(±4.4)	71.9	(±4.6)
11	73.3	(±5.3)	69.7	(±5.5)
12	76.1	(±6.5)	68.3	(±6.9)
Total	75.5	(±2.6)	69.7	(±2.8)

1 - This table was presented among current smokers in 2017. However, due to the significant decline in smoking use among high school students, the above indicators represent no-smoking rules among all respondents.

2 - Unreliable estimates (based on less than 35 respondents) are not presented.

Table HS-9: Percentage of high school students who report living in the same home or riding in the same car with someone who was smoking cigarettes in the past thirty days by gender, race/ethnicity, grade and smoking status – Results from 2019 South Carolina Youth Tobacco Survey.

Characteristic	Secondhand Smoke Exposure in Vehicles						Secondhand Smoke Exposure in Homes					
	All Respondents		Current Smokers		Never Smokers		All Respondents		Current Smokers		Never Smokers	
	%	(95% CI) ¹	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)
Gender												
Male	33.1	(±4.1)	-- ²	--	26.2	(±4.1)	27.1	(±3.9)	--	--	18.8	(±3.6)
Female	32.4	(±4.0)	--	--	29.4	(±4.0)	25.3	(±3.7)	--	--	22.5	(±3.7)
Race/Ethnicity												
White	39.3	(±4.1)	--	--	35.3	(±4.3)	30.8	(±3.9)	--	--	26.3	(±3.9)
Black	23.7	(±4.5)	--	--	19.2	(±4.1)	17.3	(±3.9)	--	--	13	(±3.4)
Hispanic	30.7	(±7.9)	--	--	--	--	26.3	(±7.5)	--	--	-	-
Grade												
9	29.7	(±5.3)	--	--	26.9	(±5.4)	25.2	(±5.0)	--	--	20.9	(±5.0)
10	28.7	(±4.7)	--	--	26.1	(±4.8)	21.4	(±4.2)	--	--	18.7	(±4.2)
11	38.8	(±5.7)	--	--	32.4	(±5.9)	30.4	(±5.5)	--	--	23.5	(±5.3)
12	35.0	(±7.2)	--	--	27.5	(±7.1)	28.9	(±6.9)	--	--	20.8	(±6.5)
Total	32.8	(±2.8)	85.3	(±11.0)	27.9	(±2.8)	26.3	(±2.7)	70.4	(±13.0)	20.8	(±2.6)

1 - Ninety-five percent confidence interval.

2 - Unreliable estimates (based on less than 35 respondents) are not presented.

Table HS-10: Percentage of high school students who report exposure to e-cigarette advertising, and receptivity to tobacco advertising by gender, race/ethnicity and grade – Results from 2019 South Carolina Youth Tobacco Survey.

Characteristic	Saw ads for e-cigarettes at convenience store, gas station or super market (Always, most or some of the times)		Among those use internet, saw internet ads for e-cigarettes (Always, most or some of the times)		Among those read newspaper or magazine, saw ads for e-cigarettes (Always, most or some of the times)	
	%	(95% CI) ¹	%	(95% CI)	%	(95% CI)
Gender						
Male	63.8	(±4.3)	38.6	(±4.4)	40.0	(±6.0)
Female	72.0	(±3.9)	49.3	(±4.3)	43.9	(±5.9)
Race/Ethnicity						
White	74.1	(±3.8)	41.7	(±4.3)	43.3	(±6.2)
Black	61.4	(±5.3)	35.3	(±5.2)	42.1	(±7.0)
Hispanic	61.1	(±8.5)	41.7	(±8.3)	-- ²	--
Grade						
9	18.1	(±5.7)	41.7	(±5.8)	42.0	(±8.2)
10	18.5	(±4.9)	44.5	(±5.4)	42.5	(±7.4)
11	15.3	(±5.8)	42.8	(±6.0)	36.4	(±7.8)
12	16.0	(±7.0)	47.1	(±7.6)	46.5	(±10.1)
Total	67.9	(±2.9)	44.0	(±3.1)	41.9	(±4.2)

1 - Ninety-five percent confidence interval.

2 - Unreliable estimates (based on less than 35 respondents) are not presented.

Table HS-11: Percentage of high school students who report smokers have more friends and vapers have more friends by gender, race/ethnicity, grade and smoking status – Results from 2019 South Carolina Youth Tobacco Survey.

Characteristic	Smokers have more friends						Vapers have more friends					
	All Respondents		Current Smokers		Never Smokers		All Respondents		Current Vapers		Never Vapers	
	%	(95% CI) ¹	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)
Gender												
Male	26.7	(±3.9)	-- ²	--	23.6	(±4.0)	41.8	(±4.2)	53.1	(±8.9)	37.8	(±4.9)
Female	23.5	(±3.6)	--	--	22.2	(±3.6)	43.9	(±4.2)	60.1	(±9.2)	39.3	(±4.8)
Race/Ethnicity												
White	22.5	(±3.6)	--	--	20.2	(±3.6)	45.5	(±4.3)	54.9	(±7.8)	41.0	(±5.1)
Black	26.1	(±4.6)	--	--	24.8	(±4.6)	35.8	(±5.0)	--	--	33.3	(±5.2)
Hispanic	32.5	(±8.0)	--	--	29.4	(±8.5)	48.3	(±8.3)	--	--	43.5	(±10.1)
Grade												
9	27.1	(±5.1)	--	--	24.7	(±5.2)	48.4	(±5.8)	69.3	(±11.8)	43.8	(±6.6)
10	24.7	(±4.5)	--	--	23.0	(±4.6)	45.8	(±5.2)	58.4	(±10.6)	42.5	(±5.9)
11	25.8	(±5.3)	--	--	22.4	(±5.3)	38.4	(±5.8)	56.0	(±12.3)	32.5	(±6.6)
12	22.6	(±6.2)	--	--	21.5	(±6.4)	36.7	(±7.1)	--	--	33.5	(±8.2)
Total	25.1	(±2.6)	--	--	22.9	(±2.7)	42.8	(±3.0)	56.7	(±6.5)	38.6	(±3.4)

1 - Ninety-five percent confidence interval.

2 - Unreliable estimates (based on less than 35 respondents) are not presented.

Table HS-12: Percentage of high school students who are susceptible to smoking and vaping, by gender, race/ethnicity, grade and smoking status – Results from 2019 South Carolina Youth Tobacco Survey.

Characteristic	Susceptibility to smoking						Susceptibility to vaping					
	Non-susceptible never smokers		Susceptible never smokers		Smoking experimenters ¹		Non-susceptible never vapers		Susceptible never vapers		Vaping experimenters ²	
	%	(95% CI) ³	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)	%	(95% CI)
Gender												
Male	80.7	(±4.1)	19.3	(±4.1)	85.7	(±6.5)	75.7	(±4.8)	24.3	(±4.8)	100.0	(±0.0)
Female	81.3	(±3.8)	18.7	(±3.8)	93.8	(±4.7)	73.0	(±4.9)	27.0	(±4.9)	100.0	(±0.0)
Race/Ethnicity												
White	76.7	(±4.4)	23.4	(±4.4)	89.1	(±4.9)	70.8	(±5.5)	29.2	(±5.5)	100.0	(±0.0)
Black	87.0	(±3.9)	13.0	(±3.9)	89.7	(±9.8)	79.2	(±4.8)	20.8	(±4.8)	100.0	(±0.0)
Hispanic	72.3	(±9.1)	-- ⁴	--	93.0	(±10.4)	67.5	(±10.5)	--	--	100.0	(±0.0)
Grade												
9	81.0	(±5.4)	19.0	(±5.4)	92.3	(±6.6)	73.4	(±6.2)	26.6	(±6.2)	100.0	(±0.0)
10	78.4	(±4.7)	21.6	(±4.7)	92.3	(±5.7)	78.6	(±5.3)	21.2	(±5.3)	100.0	(±0.0)
11	82.7	(±5.5)	--	--	86.9	(±8.6)	77.0	(±6.9)	23.0	(±6.9)	100.0	(±0.0)
12	82.6	(±6.8)	--	--	86.9	(±10.0)	67.5	(±8.9)	32.5	(±8.9)	100.0	(±0.0)
Total	81.1	(±2.8)	18.9	(±2.8)	89.3	(±4.3)	74.3	(±3.4)	25.7	(±3.4)	100.0	(±0.0)

1 - Among respondents who reported having ever tried cigarettes, “Smoking Experimenters” are those who smoked less than 100 cigarettes in their lifetime (note: “Established Smokers” are those who smoked 100 cigarettes or more)

2 - Among respondents who reported having ever used e-cigarettes, “Vaping Experimenters” are those who used e-cigarettes on 100 days or less in their lifetime (note: “Established Vapers” are those who used e-cigarettes on more than 100 days)

3 - Ninety-five percent confidence interval

4 - Unreliable estimates (based on less than 35 respondents) are not presented.

Note: Middle school overall response rates for 2019 SC YTS did not meet the CDC's statistical threshold for presenting reliable data. Thus, middle school data is not provided.