



Caroline County

Tobacco Use by Youth: 2013–2018

Youth Risk Behavior Survey/Youth Tobacco Survey
(YRBS/YTS)

CURRENT TOBACCO USE				
<i>Estimated Prevalence (%)</i>	2013⁺	2014	2016	2018
<i>Confidence Interval (CI)</i>	% CI N	% CI N	% CI N	% CI N
<i>Estimated Number (N)</i>				
Middle School Students				
Any Tobacco <i>(Any tobacco includes cigarettes, cigars, smokeless tobacco, and ESDs)</i>	6.0 (3.6-8.3) 68	13.0 (9.6-16.3) 149	8.4 (6.0-10.8) 94	13.2 (10.0-16.4) 155
Cigarettes	4.7 (3.1-7.1) 55	3.9 (2.7-5.7) 46	2.0 (0.9-3.2) 25	1.8 (0.7-2.9) 23
Cigars	2.8 (1.8-4.4) 33	3.4 (2.1-5.2) 40	1.9 (0.8-2.9) 22	2.2 (1.1-3.2) 27
Smokeless Tobacco	2.4 (1.5-3.8) 28	2.7 (1.6-4.4) 32	2.0 (1.0-2.9) 24	2.3 (0.9-3.7) 29
ESDs	No ESD Data Collected	8.8 (6.3-11.2) 103	6.3 (4.1-8.4) 71	10.0 (7.1-13.0) 120
High School Students				
Any Tobacco <i>(Any tobacco includes cigarettes, cigars, smokeless tobacco, and ESDs)</i>	25.4 (21.7-29.6) 359	36.8 (32.7-41.0) 556	28.7 (24.3-33.2) 404	42.2 (39.0-45.5) 666
Cigarettes	22.2 (18.6-26.3) 318	18.8 (16.0-22.0) 279	13.9 (11.1-16.6) 211	7.9 (6.2-9.6) 130
Cigars	14.5 (11.3-18.3) 219	13.5 (11.1-16.2) 210	11.2 (8.3-14.1) 168	5.7 (4.0-7.3) 93
Smokeless Tobacco	13.6 (10.4-17.7) 207	11.1 (8.8-13.8) 168	7.9 (5.2-10.7) 120	5.8 (4.4-7.2) 95
ESDs	No ESD Data Collected	26.2 (22.8-29.5) 396	19.6 (16.1-23.1) 265	40.1 (36.6-43.6) 621
INITIATION OF TOBACCO USE IN PAST YEAR				
<i>Estimated Prevalence (%)</i>	2013⁺	2014	2016	2018
<i>Confidence Interval (CI)</i>	% CI N	% CI N	% CI N	% CI N
<i>Estimated Number (N)</i>				
Middle School	7.5 (4.6-10.5) 88	5.7 (3.8-7.5) 67	4.1 (2.2-6.0) 47	2.5 (1.2-3.9) 30
High School	23.6 (20.3-26.8) 335	15.3 (12.4-18.1) 226	8.2 (6.3-10.1) 115	10.9 (8.5-13.3) 160

1. When 'YRBS data not available' is noted in the tables, this is due to an insufficient sample size.
2. (+) Indicates data on Electronic Smoking Devices (ESDs) were not collected during this survey year, tobacco use data is not comparable to other years.

CURRENT TOBACCO USE — Gender and Race/Ethnicity				
<i>Estimated Prevalence (%)</i>	2013⁺	2014	2016	2018
<i>Confidence Interval (CI)</i>	% CI N	% CI N	% CI N	% CI N
<i>Estimated Number (N)</i>				
Middle School Students				
Middle School Female	6.7 (4.1-10.9) 38	11.4 (7.1-15.7) 66	7.4 (4.4-10.3) 41	11.9 (8.0-15.8) 69
Middle School Male	5.2 (2.9-9.4) 30	14.2 (10.7-17.8) 81	9.3 (5.7-12.8) 52	14.6 (10.8-18.4) 86
White	6.6 (3.7-9.5) 48	11.4 (7.1-15.7) 79	6.7 (3.8-9.6) 42	13.9 (10.0-17.7) 102
African American/Black	3.4 (0-7.3) 6	YRBS Data Not Available	YRBS Data Not Available	15.0 (7.7-22.3) 18
Asian	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
Hispanic/Latino	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	11.8 (4.8-18.7) 15
American Indian/Alaskan Native	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
High School Students				
High School Female	19.7 (15.8-24.3) 141	30.1 (24.8-35.4) 224	21.9 (16.9-26.9) 151	44.3 (39.9-48.6) 344
High School Male	31.0 (26.2-36.3) 214	42.9 (37.9-47.8) 322	34.5 (28.9-40.1) 242	39.7 (35.1-44.4) 313
White	25.5 (20.9-30.2) 252	34.9 (30.1-39.7) 347	26.3 (21.7-30.9) 212	43.9 (39.4-48.3) 431
African American/Black	22.8 (15.6-30.1) 40	33.0 (24.2-41.8) 75	28.1 (19.9-36.2) 60	40.0 (31.7-48.3) 99
Asian	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
Hispanic/Latino	YRBS Data Not Available	46.6 (36.0-57.2) 65	31.5 (22.1-40.9) 58	30.9 (23.7-38.1) 56
American Indian/Alaskan Native	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
CIGARETTE SMOKING AMONG YOUTH (11-13) RECEIVING MENTAL HEALTH AND/OR SUBSTANCE USE DISORDER SERVICES (CURRENT AS OF 4/2019)				
Maryland Outcomes Measurement System Datamart (OMS)				
<i>Prevalence (%)</i>	2015	2016	2017	2018
<i>Number (N)</i>	% N	% N	% N	% N
Mental Health Services	2.6 (3)	1.7 (2)	0.0 (0)	0.0 (0)
Substance Use Disorder Services	Data Not Available	Data Not Available	Data Not Available	Data Not Available
Both	Data Not Available	Data Not Available	Data Not Available	Data Not Available

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2. (+) Indicates data on Electronic Smoking Devices (ESDs) were not collected during this survey year, tobacco use data is not comparable to other years.

CIGARETTE SMOKING AMONG YOUTH (14-17) RECEIVING MENTAL HEALTH AND/OR SUBSTANCE USE DISORDER SERVICES (CURRENT AS OF 4/2019)

Maryland Outcomes Measurement System Datamart (OMS)

<i>Prevalence (%)</i>	2015	2016	2017	2018
<i>Number (N)</i>	% N	% N	% N	% N
Mental Health Services	7.3 (14)	6.0 (12)	5.2 (10)	6.7 (13)
Substance Use Disorder Services	46.2 (6)	29.4 (5)	27.3 (3)	25.0 (3)
Both	42.9 (3)	22.2 (2)	Data Not Available	Data Not Available

CURRENT ESD USE — Gender and Race/Ethnicity

<i>Estimated Prevalence (%)</i>	2013⁺	2014	2016	2018
<i>Confidence Interval (CI)</i>	% CI N	% CI N	% CI N	% CI N
<i>Estimated Number (N)</i>				

Middle School Students

Middle School Female	No ESD	8.6	4.9	8.5
	Data	(5.6-11.6)	(2.5-7.3)	(5.5-11.6)
	Collected	50	27	50
Middle School Male	No ESD	9.1	7.5	11.6
	Data	(6.0-12.1)	(4.0-10.9)	(7.6-15.6)
	Collected	53	42	70
White	No ESD	7.9	5.1	11.0
	Data	(4.8-11.0)	(2.4-7.8)	(7.4-14.5)
	Collected	56	32	81
African American/Black	No ESD	11.3	YRBS Data	YRBS Data
	Data	(5.5-17.2)	Not	Not
	Collected	19	Available	Available
Asian	No ESD	YRBS Data	YRBS Data	YRBS Data
	Data	Not	Not	Not
	Collected	Available	Available	Available
Hispanic/Latino	No ESD	YRBS Data	YRBS Data	10.7
	Data	Not	Not	(3.9-17.6)
	Collected	Available	Available	14
American Indian/Alaskan Native	No ESD	YRBS Data	YRBS Data	YRBS Data
	Data	Not	Not	Not
	Collected	Available	Available	Available

High School Students

High School Female	No ESD	21.7	14.9	42.8
	Data	(17.9-25.5)	(10.8-19.0)	(38.3-47.3)
	Collected	165	100	331
High School Male	No ESD	30.2	23.7	37.2
	Data	(25.6-34.9)	(19.0-28.4)	(32.4-42.0)
	Collected	224	158	285
White	No ESD	23.6	18.3	42.0
	Data	(19.9-27.3)	(14.6-22.1)	(37.4-46.7)
	Collected	236	143	408
African American/Black	No ESD	28.3	18.4	39.3
	Data	(20.2-36.4)	(12.3-24.4)	(30.9-47.8)
	Collected	64	37	96
Asian	No ESD	YRBS Data	YRBS Data	YRBS Data
	Data	Not	Not	Not
	Collected	Available	Available	Available
Hispanic/Latino	No ESD	32.3	21.1	27.8
	Data	(23.9-42.0)	(16.7-26.3)	(21.0-34.6)
	Collected	45	38	49
American Indian/Alaskan Native	No ESD	YRBS Data	YRBS Data	YRBS Data
	Data	Not	Not	Not
	Collected	Available	Available	Available

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