



Carroll 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>	3.0 (1.8-4.1) 175	5.0 (3.7-6.2) 289	4.5 (2.8-6.3) 261	8.5 (6.2-10.8) 473
Cigarettes	2.4 (1.5-3.9) 143	1.3 (0.8-2.2) 79	0.9 (0.3-1.4) 51	0.5 (0.0-1.0) 27
Cigars	1.4 (0.7-2.6) 82	1.5 (0.9-2.3) 88	0.9 (0.3-1.6) 56	1.2 (0.3-2.1) 71
Smokeless Tobacco	1.3 (0.8-2.3) 79	1.1 (0.6-1.9) 66	1.3 (0.6-2.0) 76	1.8 (0.9-2.6) 102
ESDs	No ESD Data Collected	3.8 (2.8-4.9) 224	2.9 (1.5-4.3) 167	6.6 (4.7-8.5) 372
High School Students				
Any Tobacco <i>(Any tobacco includes cigarettes, cigars, smokeless tobacco, and ESDs)</i>	18.7 (16.7-21.0) 1,546	25.1 (22.3-27.8) 2,029	25.4 (22.4-28.3) 2,001	34.7 (32.3-37.0) 2,716
Cigarettes	13.6 (12.0-15.4) 1,137	9.5 (8.1-11.0) 772	9.0 (7.4-10.7) 749	5.8 (4.6-7.0) 477
Cigars	11.9 (10.2-13.7) 1,028	8.7 (7.4-10.2) 727	8.9 (7.1-10.6) 735	6.8 (5.5-8.0) 555
Smokeless Tobacco	9.1 (7.6-10.8) 789	5.1 (4.1-6.4) 418	8.4 (6.7-10.1) 697	5.3 (4.1-6.4) 429
ESDs	No ESD Data Collected	20.3 (18.0-22.5) 1,661	19.8 (17.3-22.4) 1,549	32.0 (29.7-34.3) 2,476
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	3.6 (2.4-4.8) 214	1.8 (0.9-2.7) 107	2.1 (0.9-3.3) 124	1.3 (0.6-2.0) 74
High School	18.5 (16.5-20.5) 1,543	11.9 (10.3-13.4) 968	9.9 (8.3-11.6) 786	8.9 (7.7-10.2) 659

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	1.6 (0.7-3.3) 45	3.9 (2.2-5.6) 112	4.0 (1.5-6.4) 112	7.8 (5.2-10.5) 215
Middle School Male	4.3 (2.8-6.6) 130	5.9 (4.0-7.7) 170	4.8 (2.4-7.2) 137	9.3 (6.3-12.2) 259
White	2.5 (1.3-3.6) 119	4.3 (3.0-5.6) 198	4.3 (2.2-6.3) 187	8.9 (6.5-11.4) 374
African American/Black	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
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	YRBS Data Not Available
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	13.7 (11.7-15.9) 558	21.2 (18.3-24.0) 820	23.0 (19.4-26.5) 875	34.0 (31.0-37.0) 1,308
High School Male	23.4 (20.3-26.7) 961	28.4 (24.8-31.9) 1,185	27.2 (23.3-31.2) 1,102	34.4 (31.1-37.8) 1,350
White	17.8 (15.5-20.0) 1,277	24.9 (22.1-27.7) 1,736	25.2 (22.0-28.4) 1,718	33.4 (30.8-35.9) 2,176
African American/Black	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
Asian	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
Hispanic/Latino	26.9 (18.6-35.2) 83	32.7 (24.3-41.1) 118	23.1 (16.3-29.9) 85	41.2 (32.8-49.6) 165
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	2.8 (5)	1.6 (3)	2.6 (6)	1.8 (5)
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	11.8 (30)	11.9 (35)	10.9 (37)	7.0 (28)
Substance Use Disorder Services	57.6 (19)	66.7 (18)	62.5 (5)	Data Not Available
Both	42.9 (6)	64.7 (11)	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 Data Collected	2.8 (1.2-4.4) 81	3.5 (1.2-5.8) 99	6.5 (4.0-9.0) 180
Middle School Male	No ESD Data Collected	4.8 (3.3-6.4) 142	2.0 (0.3-3.7) 56	6.7 (4.5-9.0) 192
White	No ESD Data Collected	3.4 (2.1-4.6) 157	2.5 (1.0-4.0) 109	7.0 (4.9-9.1) 299
African American/Black	No ESD Data Collected	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
Asian	No ESD Data Collected	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
Hispanic/Latino	No ESD Data Collected	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
American Indian/Alaskan Native	No ESD Data Collected	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available

High School Students

High School Female	No ESD Data Collected	17.9 (15.4-20.4) 704	18.9 (15.9-21.9) 714	32.7 (29.8-35.7) 1,252
High School Male	No ESD Data Collected	22.2 (19.1-25.4) 938	20.5 (17.4-23.7) 823	30.9 (27.6-34.2) 1,199
White	No ESD Data Collected	20.3 (18.0-22.6) 1,435	19.7 (10.9-30.6) 1,327	31.4 (28.9-33.9) 2,038
African American/Black	No ESD Data Collected	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
Asian	No ESD Data Collected	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
Hispanic/Latino	No ESD Data Collected	23.7 (16.9-32.3) 84	16.8 (11.9-23.3) 61	33.0 (25.0-40.9) 123
American Indian/Alaskan Native	No ESD Data Collected	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available

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