



Howard 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>	2.1 (1.4-2.9) 236	5.6 (4.0-7.3) 657	2.5 (1.2-3.7) 295	5.1 (3.8-6.4) 638
Cigarettes	1.5 (0.9-2.5) 168	0.7 (0.4-1.4) 89	0.1 (0.0-0.3) 18	0.6 (0.0-1.1) 73
Cigars	1.8 (1.3-2.7) 205	2.0 (1.5-2.7) 240	0.8 (0.3-1.3) 104	1.2 (0.7-1.6) 151
Smokeless Tobacco	1.2 (0.7-1.9) 132	0.6 (0.3-1.5) 77	0.8 (0.3-1.3) 97	1.9 (1.2-2.5) 239
ESDs	No ESD Data Collected	3.9 (2.7-5.1) 468	1.5 (0.8-2.2) 181	2.8 (1.9-3.6) 351
High School Students				
Any Tobacco <i>(Any tobacco includes cigarettes, cigars, smokeless tobacco, and ESDs)</i>	11.5 (10.1-13.0) 1,799	20.4 (18.4-22.4) 3,170	15.0 (13.0-17.1) 2,321	22.1 (19.1-25.0) 3,503
Cigarettes	7.3 (6.2-8.5) 1,153	4.9 (4.1-5.9) 775	4.7 (3.6-5.7) 774	2.7 (1.7-3.6) 454
Cigars	9.3 (8.2-10.7) 1,535	6.9 (5.9-7.9) 1,108	7.3 (5.9-8.6) 1,180	3.8 (2.7-4.8) 636
Smokeless Tobacco	4.5 (3.7-5.5) 746	2.8 (2.2-3.5) 437	4.7 (3.5-5.8) 764	2.1 (1.3-3.0) 358
ESDs	No ESD Data Collected	16.0 (14.1-17.8) 2,522	8.3 (6.9-9.7) 1,247	20.4 (17.5-23.2) 3,230
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	2.5 (1.6-3.4) 281	2.1 (1.4-2.8) 253	1.7 (1.2-2.1) 202	1.0 (0.8-1.3) 130
High School	14.4 (12.9-15.9) 2,280	7.9 (6.9-9.0) 1,253	5.1 (4.2-6.0) 792	5.6 (4.3-6.9) 857

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	1.4 (0.8-2.6) 76	4.2 (2.4-6.1) 241	1.8 (0.6-3.0) 106	6.2 (4.4-7.9) 376
Middle School Male	2.8 (1.8-4.5) 160	6.9 (5.2-8.7) 411	2.9 (1.4-4.4) 179	4.1 (2.6-5.5) 255
White	2.6 (1.2-4.0) 127	3.3 (2.5-4.1) 156	1.8 (1.2-2.4) 86	3.7 (1.5-5.9) 171
African American/Black	1.3 (0.8-1.9) 30	10.9 (4.2-17.7) 266	2.8 (0.8-4.7) 71	6.7 (4.3-9.0) 179
Asian	0.5 (0-1.2) 9	3.6 (0-8-6.5) 74	0.4 (0.0-1.1) 8	4.0 (1.0-7.0) 103
Hispanic/Latino	7.3 (4.3-10.2) 61	6.7 (3.8-9.6) 63	8.6 (2.9-14.3) 92	6.1 (4.5-7.8) 69
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	7.8 (6.5-9.4) 601	18.3 (16.2-20.5) 1,393	10.8 (8.9-12.6) 803	21.0 (17.7-24.3) 1,610
High School Male	14.9 (13.0-17.0) 1,178	22.1 (19.4-24.8) 1,729	18.4 (15.6-21.2) 1,438	22.9 (18.8-26.9) 1,850
White	12.5 (10.4-14.6) 966	19.0 (16.3-21.7) 1,344	13.7 (10.9-16.4) 902	25.8 (21.5-30.2) 1,614
African American/Black	9.7 (7.4-11.9) 298	23.2 (20.1-26.4) 742	15.3 (11.3-19.2) 509	17.2 (12.2-22.3) 620
Asian	4.6 (2.5-6.7) 108	10.1 (7.1-13.0) 262	6.5 (4.4-8.6) 178	14.0 (9.2-18.8) 423
Hispanic/Latino	18.7 (14.5-22.9) 216	33.8 (28.6-39.0) 438	21.4 (16.9-25.9) 290	30.0 (22.4-37.6) 480
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	1.8 (4)	1.1 (2)	0.9 (2)	1.0 (3)
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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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	4.5 (15)	4.9 (18)	3.9 (16)	3.6 (16)
Substance Use Disorder Services	24.0 (6)	22.2 (4)	44.4 (4)	9.1 (1)
Both	Data Not Available	28.6 (2)	Data Not Available	0.0 (0)

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	3.2 (1.6-4.8) 186	1.2 (0.2-2.3) 73	3.3 (2.1-4.6) 208
	Middle School Male	No ESD Data Collected	4.7 (3.4-6.0) 282	1.7 (1.0-2.5) 108
White	No ESD Data Collected	2.2 (1.0-3.4) 104	1.2 (0.6-1.8) 60	2.7 (1.1-4.3) 128
	African American/Black	No ESD Data Collected	8.3 (3.0-13.7) 211	1.1 (0-2.3) 30
Asian	No ESD Data Collected	1.9 (0.6-3.2) 39	0.4 (0-2.3) 30	2.0 (0.0-4.0) 51
	Hispanic/Latino	No ESD Data Collected	5.7 (3.7-8.9) 56	6.5 (2.4-16.6) 71
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	15.2 (13.1-17.3) 1,168	6.4 (4.9-7.8) 466	19.6 (16.3-22.8) 1,504
	High School Male	No ESD Data Collected	16.5 (14.2-18.9) 1,319	9.6 (7.7-11.5) 730
White	No ESD Data Collected	15.9 (13.4-18.4) 1,145	8.1 (6.2-10.1) 530	24.8 (20.6-29.1) 1,569
	African American/Black	No ESD Data Collected	17.2 (14.4-19.9) 567	6.4 (3.8-8.9) 207
Asian	No ESD Data Collected	7.7 (5.1-10.2) 202	3.8 (2.2-5.4) 104	13.9 (9.1-18.7) 423
	Hispanic/Latino	No ESD Data Collected	24.0 (19.4-29.3) 310	13.4 (10.2-17.6) 175
American Indian/Alaskan Native	No ESD Data Collected	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available

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