



Harford 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>	3.5 (2.2-4.8) 278	10.4 (8.5-12.3) 822	7.7 (5.5-9.8) 610	9.4 (6.6-12.3) 758
Cigarettes	2.9 (2.0-4.3) 240	2.5 (1.8-3.5) 207	1.9 (1.0-2.9) 164	0.8 (0.2-1.3) 65
Cigars	2.4 (1.5-3.8) 198	3.1 (2.3-4.2) 256	2.2 (1.2-3.3) 189	1.5 (0.8-2.2) 129
Smokeless Tobacco	1.7 (1.1-2.6) 143	1.0 (0.6-1.6) 80	2.0 (1.1-2.9) 174	1.5 (0.8-2.1) 122
ESDs	No ESD Data Collected	7.4 (5.7-9.1) 600	4.6 (2.7-6.5) 372	7.0 (4.3-9.7) 576
High School Students				
Any Tobacco <i>(Any tobacco includes cigarettes, cigars, smokeless tobacco, and ESDs)</i>	20.2 (18.2-22.5) 2,201	32.1 (29.9-34.4) 3,473	21.9 (19.5-24.2) 2,310	32.7 (30.0-35.4) 3,520
Cigarettes	14.8 (13.0-16.8) 1,625	10.2 (8.9-11.5) 1,108	9.3 (7.8-10.9) 1,055	4.9 (4.1-5.8) 558
Cigars	15.0 (13.3-16.8) 1,737	12.0 (10.7-13.6) 1,358	9.5 (7.9-11.0) 1,056	6.5 (5.5-7.6) 737
Smokeless Tobacco	7.7 (6.5-9.1) 901	7.2 (6.2-8.3) 786	6.3 (5.0-7.5) 701	3.6 (2.5-4.7) 404
ESDs	No ESD Data Collected	24.6 (22.8-26.5) 2,713	14.3 (12.5-16.1) 1,457	29.8 (27.2-32.3) 3,163
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	4.2 (2.9-5.5) 344	4.0 (2.9-5.1) 331	3.0 (1.9-4.0) 245	2.3 (1.4-3.3) 185
High School	20.2 (18.5-21.9) 2,237	14.4 (13.0-15.8) 1,579	7.8 (6.4-9.2) 821	9.6 (8.3-11.0) 986

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	2.7 (1.6-4.7) 104	9.2 (6.5-11.8) 352	6.9 (4.4-9.4) 270	9.2 (5.7-12.7) 361
Middle School Male	4.0 (2.6-6.2) 169	11.1 (8.9-13.2) 449	8.6 (5.7-11.4) 341	9.5 (6.5-12.6) 387
White	2.6 (1.4-3.9) 142	9.1 (7.0-11.3) 451	6.6 (3.9-9.3) 324	9.0 (5.8-12.1) 444
African American/Black	3.3 (0.2-6.4) 44	13.5 (8.4-18.7) 177	9.0 (4.2-13.7) 121	10.3 (4.3-16.3) 136
Asian	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
Hispanic/Latino	10.2 (4.4-16.0) 39	16.4 (10.3-22.5) 81	YRBS Data Not Available	10.9 (4.7-17.1) 55
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	16.7 (14.3-19.4) 907	29.6 (26.9-32.4) 1,582	19.7 (16.8-22.7) 998	34.3 (30.8-37.8) 1,771
High School Male	23.7 (21.1-26.5) 1,279	34.2 (31.4-37.0) 1,853	23.2 (20.1-26.3) 1,252	30.8 (27.6-34.0) 1,700
White	20.3 (17.7-22.9) 1,537	32.1 (29.5-34.7) 2,324	21.3 (18.7-23.9) 1,476	37.0 (33.4-40.5) 2,539
African American/Black	19.0 (14.2-23.8) 314	27.8 (24.0-31.6) 480	20.6 (15.3-26.0) 380	19.2 (14.9-23.5) 383
Asian	7.1 (2.2-11.9) 18	13.0 (6.2-19.9) 34	YRBS Data Not Available	17.0 (10.1-24.0) 53
Hispanic/Latino	26.8 (21.4-32.2) 143	40.5 (34.2-46.9) 246	26.3 (19.7-32.8) 149	28.1 (22.5-33.7) 187
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	1.1 (5)	1.3 (5)	1.3 (5)	1.0 (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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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	7.2 (39)	7.1 (37)	4.8 (25)	4.5 (25)
Substance Use Disorder Services	39.4 (13)	25.0 (4)	17.2 (5)	25.0 (6)
Both	44.4 (4)	14.3 (1)	33.3 (3)	11.1 (1)

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	7.2 (5.0-9.4)	4.4 (2.0-6.8)	7.8 (4.5-11.0)
	Collected	282	176	309
Middle School Male	No ESD Data	7.6 (5.8-9.5)	4.9 (2.5-7.3)	6.2 (3.4-9.1)
	Collected	317	196	261
White	No ESD Data	7.0 (5.0-9.0)	4.2 (1.7-6.7)	7.2 (4.2-10.1)
	Collected	351	208	361
African American/Black	No ESD Data	8.9 (4.8-12.9)	3.7 (0-7.4)	7.2 (1.7-12.8)
	Collected	120	50	100
Asian	No ESD Data	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
	Collected	Available	Available	Available
Hispanic/Latino	No ESD Data	10.5 (6.2-17.1)	YRBS Data Not Available	6.2 (1.5-10.8)
	Collected	52	Available	32
American Indian/Alaskan Native	No ESD Data	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
	Collected	Available	Available	Available

High School Students

High School Female	No ESD Data	24.2 (21.8-26.5)	13.6 (11.1-16.1)	32.3 (28.8-35.8)
	Collected	1,309	663	1,660
High School Male	No ESD Data	24.9 (22.6-27.1)	14.7 (12.4-17.1)	27.2 (24.3-30.0)
	Collected	1,378	770	1,475
White	No ESD Data	25.8 (23.5-28.0)	14.8 (12.7-16.9)	35.1 (31.7-38.5)
	Collected	1,900	994	2,405
African American/Black	No ESD Data	17.7 (14.5-20.8)	11.0 (7.5-14.6)	12.5 (9.3-15.7)
	Collected	318	191	240
Asian	No ESD Data	9.4 (3.4-15.3)	YRBS Data Not Available	15.8 (9.0-22.6)
	Collected	25	Available	49
Hispanic/Latino	No ESD Data	29.7 (24.6-35.3)	15.3 (10.5-21.9)	26.6 (21.0-32.2)
	Collected	179	83	176
American Indian/Alaskan Native	No ESD Data	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
	Collected	Available	Available	Available

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