



Maryland

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>	5.6 (5.2-6.1) 9,431	11.1 (10.1-12.0) 18,883	7.6 (6.9-8.2) 13,145	9.0 (8.3-9.6) 15,926
Cigarettes	3.9 (3.5-4.3) 6,717	2.5 (2.2-2.9) 4,431	1.3 (1.1-1.6) 2,513	1.1 (0.9-1.3) 2,158
Cigars	4.2 (3.8-4.6) 7,245	3.6 (3.2-4.1) 6,416	2.5 (2.2-2.9) 4,743	1.8 (1.6-2.1) 3,482
Smokeless Tobacco	3.0 (2.6-3.5) 5,323	1.9 (1.6-2.2) 3,349	1.9 (1.6-2.2) 3,545	2.2 (1.9-2.5) 4,068
ESDs	No ESD Data Collected	7.6 (6.9-8.3) 13,318	4.7 (4.3-5.2) 8,396	5.9 (5.5-6.4) 10,799
High School Students				
Any Tobacco <i>(Any tobacco includes cigarettes, cigars, smokeless tobacco, and ESDs)</i>	16.9 (16.3-17.5) 38,966	27.6 (26.9-28.4) 64,516	21.6 (20.7-22.4) 50,001	27.4 (26.2-28.6) 65,038
Cigarettes	11.9 (11.4-12.4) 27,877	8.7 (8.2-9.1) 20,677	8.2 (7.8-8.6) 20,653	5.0 (4.5-5.4) 12,557
Cigars	12.5 (11.9-13.0) 30,820	10.3 (9.9-10.8) 25,460	9.0 (8.5-9.5) 22,136	6.0 (5.5-6.5) 15,135
Smokeless Tobacco	7.4 (7.0-7.8) 18,438	5.8 (5.4-6.1) 13,769	6.2 (5.8-6.6) 15,225	4.6 (4.1-5.1) 11,524
ESDs	No ESD Data Collected	20.0 (19.4-20.5) 47,542	13.3 (12.7-13.9) 30,026	23.0 (21.9-24.1) 53,920
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	6.5 (5.9-7.0) 11,105	4.2 (3.8-4.7) 7,561	4.1 (3.6-4.5) 7,227	1.8 (1.6-2.1) 3,267
High School	17.9 (17.4-18.5) 42,364	11.0 (10.5-11.4) 26,213	7.7 (7.4-8.0) 17,675	6.5 (6.0-7.0) 14,596

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	4.7 (4.2-5.3) 3,869	9.5 (8.5-10.5) 8,001	7.0 (6.3-7.7) 6,013	8.4 (7.7-9.2) 7,361
Middle School Male	6.5 (5.9-7.1) 5,424	12.2 (11.1-13.4) 10,526	7.8 (7.0-8.5) 6,772	9.2 (8.4-10.0) 8,179
White	4.2 (3.6-4.8) 2,941	8.5 (7.4-9.6) 5,737	5.3 (4.5-6.2) 3,589	8.2 (7.3-9.1) 5,334
African American/Black	6.6 (5.8-7.4) 3,537	14.1 (12.6-15.6) 7,396	8.0 (7.1-8.8) 4,321	8.9 (7.7-10.0) 4,827
Asian	2.8 (1.2-4.5) 262	4.3 (2.6-6.1) 405	3.2 (1.8-4.6) 295	4.4 (3.0-5.8) 485
Hispanic/Latino	8.5 (7.0-10.1) 1,529	13.8 (12.0-15.6) 2,908	12.3 (10.4-14.2) 2,858	11.1 (10.1-12.2) 2,958
American Indian/Alaskan Native	10.7 (7.4-14.0) 203	16.6 (12.7-20.6) 371	13.4 (9.0-17.8) 260	12.9 (9.1-16.6) 254
High School Students				
High School Female	13.6 (12.9-14.3) 15,651	25.0 (24.1-25.9) 28,707	18.5 (17.6-19.4) 20,793	26.0 (24.6-27.3) 29,886
High School Male	19.7 (18.9-20.5) 22,471	29.6 (28.7-30.5) 34,558	23.5 (22.6-24.5) 27,486	27.9 (26.5-29.3) 33,309
White	19.0 (18.2-19.8) 19,256	29.0 (28.1-29.9) 28,344	22.8 (21.8-23.9) 21,350	35.3 (33.6-36.9) 32,281
African American/Black	14.1 (13.2-14.9) 10,742	24.5 (23.2-25.8) 18,478	18.2 (16.9-19.4) 13,798	19.2 (17.4-21.1) 14,239
Asian	6.8 (5.1-8.5) 869	12.2 (10.2-14.1) 1,597	8.8 (7.0-10.5) 1,115	14.3 (11.4-17.3) 2,127
Hispanic/Latino	18.9 (17.5-20.2) 4,328	31.4 (29.8-33.0) 8,898	23.9 (22.3-25.6) 7,038	25.7 (23.2-28.2) 9,292
American Indian/Alaskan Native	27.5 (23.0-31.9) 353	43.1 (38.4-47.8) 689	36.3 (31.4-41.3) 496	28.2 (21.6-34.8) 374
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	1.7 (182)	1.2 (125)	1.0 (117)	1.0 (140)
Substance Use Disorder Services	22.2 (14)	21.1 (8)	9.4 (3)	16.7 (5)
Both	17.9 (5)	21.4 (3)	0.0 (0)	17.6 (3)

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.

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	7.4 (1,028)	6.1 (881)	5.1 (789)	4.3 (700)
Substance Use Disorder Services	31.8 (325)	30.7 (241)	29.0 (216)	25.6 (159)
Both	35.5 (138)	31.7 (107)	32.2 (102)	22.4 (59)

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	7.1	4.8	6.1
	Data	(6.3-8.0)	(4.2-5.4)	(5.4-6.7)
	Collected	6,119	4,145	5,408
Middle School Male	No ESD	8.0	4.5	5.7
	Data	(7.1-8.9)	(4.0-5.0)	(5.1-6.3)
	Collected	7,047	4,046	5,237
White	No ESD	6.2	3.4	6.3
	Data	(5.3-7.1)	(2.7-4.1)	(5.6-7.0)
	Collected	4,272	2,294	4,188
African American/Black	No ESD	9.3	4.6	4.9
	Data	(8.1-10.6)	(4.0-5.1)	(4.0-5.8)
	Collected	5,069	2,539	2,760
Asian	No ESD	2.2	1.7	2.8
	Data	(1.4-3.0)	(0.3-3.2)	(1.8-3.8)
	Collected	206	161	304
Hispanic/Latino	No ESD	10.0	8.6	7.6
	Data	(8.6-11.7)	(7.1-10.3)	(6.9-8.3)
	Collected	2,189	2,033	2,088
American Indian/Alaskan Native	No ESD	12.2	10.1	8.0
	Data	(9.0-15.5)	(6.7-13.4)	(5.2-10.8)
	Collected	282	201	162

High School Students

High School Female	No ESD	18.7	12.1	23.1
	Data	(18.0-19.5)	(11.4-12.8)	(21.8-24.4)
	Collected	22,054	13,389	26,548
High School Male	No ESD	20.8	14.0	22.7
	Data	(20.1-21.5)	(13.3-14.7)	(21.4-24.0)
	Collected	24,698	15,841	26,589
White	No ESD	22.7	16.0	33.0
	Data	(21.9-23.6)	(15.1-16.8)	(31.5-34.6)
	Collected	22,477	14,626	30,069
African American/Black	No ESD	15.7	9.1	13.4
	Data	(14.7-16.7)	(8.3-9.9)	(12.0-14.8)
	Collected	12,212	6,742	9,842
Asian	No ESD	9.5	5.4	12.9
	Data	(7.8-11.2)	(4.2-6.7)	(10.3-15.4)
	Collected	1,263	685	1,907
Hispanic/Latino	No ESD	22.7	14.7	19.8
	Data	(21.4-24.0)	(13.3-16.2)	(17.7-21.9)
	Collected	6,654	4,178	7,032
American Indian/Alaskan Native	No ESD	26.3	22.4	17.9
	Data	(21.8-30.7)	(17.7-27.0)	(13.1-22.7)
	Collected	422	283	240

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.