



Frederick County

Tobacco/ESD Use by Youth: 2013–2016

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

CURRENT USE OF TOBACCO/ELECTRONIC SMOKING DEVICES (ESDs)			
<i>Estimated Prevalence (%)</i>	2013	2014	2016
<i>Confidence Interval (CI)</i>	% CI N	% CI N	% CI N
<i>Estimated Number (N)</i>			
Middle School Students			
Any Tobacco <i>(Any tobacco includes cigarettes, cigars, and smokeless tobacco, excludes ESDs)</i>	4.3 (3.5-5.1) 366	4.4 (3.2-5.6) 384	2.9 (1.8-3.9) 254
Cigarettes	3.0 (2.5-3.5) 256	1.8 (1.1-2.8) 157	1.0 (0.4-1.5) 85
Cigars	2.9 (1.8-4.9) 257	2.6 (1.9-3.6) 230	1.6 (1.0-2.1) 141
Smokeless Tobacco	2.9 (2.2-3.9) 255	1.7 (1.3-2.3) 154	1.6 (0.6-2.7) 146
ESDs	No ESD Data Collected	5.2 (3.5-7.0) 454	2.1 (0.9-3.2) 176
High School Students			
Any Tobacco <i>(Any tobacco includes cigarettes, cigars, and smokeless tobacco, excludes ESDs)</i>	19.9 (17.8-22.0) 2,351	16.3 (14.6-18.0) 1,952	14.7 (12.7-16.8) 1,813
Cigarettes	14.3 (12.6-16.1) 1,707	10.1 (8.9-11.5) 1,224	8.6 (7.2-10.0) 1,065
Cigars	12.1 (10.7-13.5) 1,505	9.6 (8.4-10.9) 1,194	8.6 (7.2-10.1) 1,060
Smokeless Tobacco	9.3 (8.1-10.7) 1,169	6.1 (5.2-7.3) 748	6.6 (5.3-8.0) 816
ESDs	No ESD Data Collected	23.8 (22.0-25.7) 2,890	16.6 (14.7-18.5) 1,883
INITIATION OF TOBACCO USE IN PAST YEAR			
<i>Estimated Prevalence (%)</i>	2013	2014	2016
<i>Confidence Interval (CI)</i>	% CI N	% CI N	% CI N
<i>Estimated Number (N)</i>			
Middle School	4.0 (3.4-4.5) 345	3.2 (2.3-4.1) 285	3.1 (1.8-4.5) 271
High School	19.1 (17.2-21.1) 2,306	12.0 (10.6-13.3) 1,442	8.5 (7.5-9.5) 999

1. When 'YRBS data not available' is noted in the tables, this is due to an insufficient sample size.
2. Data includes both youth attending middle school and youth attending high school, regardless of age.
3. The 2016 Maryland YRBS/YTS is the most recent survey data available, the OMS system includes data from 2015 to 2018.

CURRENT TOBACCO USE — Gender and Race/Ethnicity				
<i>Estimated Prevalence (%)</i>	2013	2014	2016	
<i>Confidence Interval (CI)</i>	% CI N	% CI N	% CI N	
<i>Estimated Number (N)</i>				
Middle School Students				
Middle School Female	2.3 (1.4-3.9)	4.5 (2.9-6.2)	1.4 (0.4-2.4)	
	98	193	59	
Middle School Male	6.2 (4.4-8.6)	4.2 (2.3-6.0)	4.0 (2.2-5.7)	
	268	186	179	
White	3.8 (3.0-4.6)	3.7 (3.0-4.4)	2.5 (1.3-3.7)	
	212	201	133	
African American/Black	9.3 (3.7-14.9)	8.5 (3.9-13.0)	3.3 (1.3-5.2)	
	80	78	28	
Asian	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	
Hispanic/Latino	4.2 (0.3-8.1)	3.4 (1.4-8.3)	5.4 (1.9-14.5)	
	33	32	56	
American Indian/Alaskan Native	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	
High School Students				
High School Female	15.5 (13.3-18.1)	13.0 (11.1-14.9)	10.4 (8.4-12.4)	
	904	748	624	
High School Male	23.6 (21.0-26.5)	19.1 (16.7-21.4)	18.2 (15.6-20.7)	
	1,412	1,173	1,117	
White	20.1 (17.5-22.6)	16.4 (14.5-18.4)	13.1 (11.0-15.2)	
	1,627	1,139	1,043	
African American/Black	16.5 (12.0-21.1)	12.1 (7.9-16.3)	17.0 (12.8-21.2)	
	191	147	215	
Asian	9.1 (4.2-14.0)	7.5 (2.9-12.0)	12.2 (6.8-17.6)	
	40	32	58	
Hispanic/Latino	23.2 (18.0-28.5)	20.8 (16.3-26.2)	17.3 (13.6-21.7)	
	273	274	253	
American Indian/Alaskan Native	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	
CIGARETTE SMOKING AMONG YOUTH (11-13) RECEIVING MENTAL HEALTH AND/OR SUBSTANCE-RELATED DISORDER SERVICES				
Maryland Outcomes Measurement System Datamart (OMS)				
<i>Prevalence (%)</i>	2015	2016	2017	2018
<i>Number (N)</i>	% N	% N	% N	% N
Mental Health Services	1.0 (4)	0.2 (1)	0.6 (3)	0.5 (3)
Substance-Related 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-RELATED DISORDER SERVICES				
Maryland Outcomes Measurement System Datamart (OMS)				
<i>Prevalence (%)</i>	2015	2016	2017	2018
<i>Number (N)</i>	% N	% N	% N	% N
Mental Health Services	11.2 (65)	10.9 (68)	7.0 (46)	5.9 (43)
Substance-Related Disorder Services	42.5 (17)	40.7 (11)	47.2 (17)	50.0 (26)
Both	52.9 (9)	40.0 (8)	53.8 (7)	42.9 (9)

CURRENT ESD USE — Gender and Race/Ethnicity				
<i>Estimated Prevalence (%)</i>	2013	2014	2016	
<i>Confidence Interval (CI)</i>	% CI N	% CI N	% CI N	
<i>Estimated Number (N)</i>				
Middle School Students				
Middle School Female	No ESD	5.0	2.0	
	Data	(4.1-5.9)	(1.1-2.9)	
	Collected	209	81	
Middle School Male	No ESD	5.5	2.2	
	Data	(2.6-8.5)	(0.7-3.6)	
	Collected	245	95	
White	No ESD	4.4	1.6	
	Data	(2.9-6.0)	(1.0-2.1)	
	Collected	239	80	
African American/Black	No ESD	10.8	4.7	
	Data	(3.7-18.0)	(0-9.5)	
	Collected	98	40	
Asian	No ESD	YRBS Data	YRBS Data	
	Data	Not Available	Not Available	
	Collected	Available	Available	
Hispanic/Latino	No ESD	6.5	3.2	
	Data	(3.7-11.3)	(0.9-10.6)	
	Collected	61	31	
American Indian/Alaskan Native	No ESD	YRBS Data	YRBS Data	
	Data	Not Available	Not Available	
	Collected	Available	Available	
High School Students				
High School Female	No ESD	21.8	14.9	
	Data	(19.4-24.1)	(12.8-17.1)	
	Collected	1,275	835	
High School Male	No ESD	25.7	17.9	
	Data	(23.3-28.1)	(15.4-20.5)	
	Collected	1,594	1,009	
White	No ESD	23.9	16.0	
	Data	(21.7-26.1)	(13.8-18.3)	
	Collected	1,918	1,194	
African American/Black	No ESD	22.0	16.0	
	Data	(17.0-26.9)	(11.6-20.3)	
	Collected	272	183	
Asian	No ESD	11.4	12.1	
	Data	(6.4-16.4)	(6.8-17.4)	
	Collected	49	55	
Hispanic/Latino	No ESD	28.3	19.3	
	Data	(24.0-33.2)	(15.2-24.2)	
	Collected	387	256	
American Indian/Alaskan Native	No ESD	YRBS Data	YRBS Data	
	Data	Not Available	Not Available	
	Collected	Available	Available	

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