



# Frederick County

## Tobacco Use by Youth: 2013–2018

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

<b>CURRENT TOBACCO USE</b>				
<i>Estimated Prevalence (%)</i>	<b>2013<sup>+</sup></b>	<b>2014</b>	<b>2016</b>	<b>2018</b>
<i>Confidence Interval (CI)</i>	<b>% CI N</b>	<b>% CI N</b>	<b>% CI N</b>	<b>% CI N</b>
<i>Estimated Number (N)</i>				
<b>Middle School Students</b>				
<b>Any Tobacco</b> <i>(Any tobacco includes cigarettes, cigars, smokeless tobacco, and ESDs)</i>	<b>4.3</b> (3.5-5.1) <b>366</b>	<b>7.9</b> (5.3-10.5) <b>676</b>	<b>4.2</b> (3.1-5.3) <b>353</b>	<b>7.5</b> (6.2-8.9) <b>676</b>
<b>Cigarettes</b>	<b>3.0</b> (2.5-3.5) <b>256</b>	<b>1.8</b> (1.1-2.8) <b>157</b>	<b>1.0</b> (0.4-1.5) <b>85</b>	<b>0.8</b> (0.4-1.2) <b>80</b>
<b>Cigars</b>	<b>2.9</b> (1.8-4.9) <b>257</b>	<b>2.6</b> (1.9-3.6) <b>230</b>	<b>1.6</b> (1.0-2.1) <b>141</b>	<b>1.3</b> (0.8-1.9) <b>126</b>
<b>Smokeless Tobacco</b>	<b>2.9</b> (2.2-3.9) <b>255</b>	<b>1.7</b> (1.3-2.3) <b>154</b>	<b>1.6</b> (0.6-2.7) <b>146</b>	<b>1.6</b> (1.0-2.1) <b>147</b>
<b>ESDs</b>	<b>No ESD Data Collected</b>	<b>5.2</b> (3.5-7.0) <b>454</b>	<b>2.1</b> (0.9-3.2) <b>176</b>	<b>5.8</b> (4.6-7.0) <b>532</b>
<b>High School Students</b>				
<b>Any Tobacco</b> <i>(Any tobacco includes cigarettes, cigars, smokeless tobacco, and ESDs)</i>	<b>19.9</b> (17.8-22.0) <b>2,351</b>	<b>29.3</b> (27.2-31.5) <b>3,505</b>	<b>23.5</b> (21.0-26.1) <b>2,728</b>	<b>33.7</b> (31.1-36.3) <b>4,067</b>
<b>Cigarettes</b>	<b>14.3</b> (12.6-16.1) <b>1,707</b>	<b>10.1</b> (8.9-11.5) <b>1,224</b>	<b>8.6</b> (7.2-10.0) <b>1,065</b>	<b>4.8</b> (3.8-5.8) <b>606</b>
<b>Cigars</b>	<b>12.1</b> (10.7-13.5) <b>1,505</b>	<b>9.6</b> (8.4-10.9) <b>1,194</b>	<b>8.6</b> (7.2-10.1) <b>1,060</b>	<b>6.0</b> (5.0-7.1) <b>764</b>
<b>Smokeless Tobacco</b>	<b>9.3</b> (8.1-10.7) <b>1,169</b>	<b>6.1</b> (5.2-7.3) <b>748</b>	<b>6.6</b> (5.3-8.0) <b>816</b>	<b>4.1</b> (3.2-5.0) <b>517</b>
<b>ESDs</b>	<b>No ESD Data Collected</b>	<b>23.8</b> (22.0-25.7) <b>2,890</b>	<b>16.6</b> (14.7-18.5) <b>1,883</b>	<b>31.4</b> (28.9-33.8) <b>3,745</b>
<b>INITIATION OF TOBACCO USE IN PAST YEAR</b>				
<i>Estimated Prevalence (%)</i>	<b>2013</b>	<b>2014</b>	<b>2016</b>	<b>2018</b>
<i>Confidence Interval (CI)</i>	<b>% CI N</b>	<b>% CI N</b>	<b>% CI N</b>	<b>% CI N</b>
<i>Estimated Number (N)</i>				
<b>Middle School</b>	<b>4.0</b> (3.4-4.5) <b>345</b>	<b>3.2</b> (2.3-4.1) <b>285</b>	<b>3.1</b> (1.8-4.5) <b>271</b>	<b>2.6</b> (1.6-3.6) <b>233</b>
<b>High School</b>	<b>19.1</b> (17.2-21.1) <b>2,306</b>	<b>12.0</b> (10.6-13.3) <b>1,442</b>	<b>8.5</b> (7.5-9.5) <b>999</b>	<b>7.9</b> (6.9-9.0) <b>914</b>

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.

<b>CURRENT TOBACCO USE — Gender and Race/Ethnicity</b>				
<i>Estimated Prevalence (%)</i>	<b>2013<sup>+</sup></b>	<b>2014</b>	<b>2016</b>	<b>2018</b>
<i>Confidence Interval (CI)</i>	<b>% CI N</b>	<b>% CI N</b>	<b>% CI N</b>	<b>% CI N</b>
<i>Estimated Number (N)</i>				
<b>Middle School Students</b>				
<b>Middle School Female</b>	2.3 (1.4-3.9) 98	7.3 (4.9-9.7) 300	3.0 (1.8-4.3) 123	6.2 (4.2-8.3) 278
<b>Middle School Male</b>	6.2 (4.4-8.6) 268	8.4 (4.9-11.9) 370	4.9 (2.9-7.0) 214	8.5 (6.6-10.4) 382
<b>White</b>	3.8 (3.0-4.6) 212	6.4 (4.7-8.1) 342	3.6 (2.3-4.8) 184	6.8 (5.3-8.4) 355
<b>African American/Black</b>	9.3 (3.7-14.9) 80	17.8 (11.9-23.7) 159	5.4 (1.5-9.4) 47	9.3 (4.1-14.5) 86
<b>Asian</b>	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
<b>Hispanic/Latino</b>	4.2 (0.3-8.1) 33	8.0 (2.9-13.0) 72	6.8 (2.8-10.8) 66	10.1 (7.3-13.0) 135
<b>American Indian/Alaskan Native</b>	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
<b>High School Students</b>				
<b>High School Female</b>	15.5 (13.3-18.1) 904	26.2 (23.6-28.7) 1,507	19.6 (17.0-22.3) 1,113	35.2 (32.0-38.4) 2,025
<b>High School Male</b>	23.6 (21.0-26.5) 1,412	32.1 (29.2-34.9) 1,957	26.6 (23.4-29.8) 1,539	32.0 (28.7-35.3) 1,989
<b>White</b>	20.1 (17.5-22.6) 1,627	28.7 (26.2-31.1) 2,290	22.1 (19.2-25.0) 1,673	35.1 (31.9-38.4) 2,620
<b>African American/Black</b>	16.5 (12.0-21.1) 191	28.4 (22.5- 34.3) 340	25.7 (20.5-30.9) 302	29.5 (23.4-35.5) 386
<b>Asian</b>	9.1 (4.2-14.0) 40	16.4 (10.3-22.4) 69	18.1 (11.7-24.5) 84	17.0 (11.8-22.3) 76
<b>Hispanic/Latino</b>	23.2 (18.0-28.5) 273	35.3 (30.3-40.3) 469	26.8 (21.6-32.0) 367	32.6 (28.3-36.9) 559
<b>American Indian/Alaskan Native</b>	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
<b>CIGARETTE SMOKING AMONG YOUTH (11-13) RECEIVING MENTAL HEALTH AND/OR SUBSTANCE USE DISORDER SERVICES (CURRENT AS OF 4/2019)</b>				
Maryland Outcomes Measurement System Datamart (OMS)				
<i>Prevalence (%)</i>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<i>Number (N)</i>	<b>% N</b>	<b>% N</b>	<b>% N</b>	<b>% N</b>
<b>Mental Health Services</b>	1.0 (4)	0.2 (1)	0.6 (3)	0.5 (3)
<b>Substance Use Disorder Services</b>	Data Not Available	Data Not Available	Data Not Available	Data Not Available
<b>Both</b>	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>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<i>Number (N)</i>	<b>% N</b>	<b>% N</b>	<b>% N</b>	<b>% N</b>
<b>Mental Health Services</b>	11.2 (65)	10.9 (68)	7.0 (46)	5.9 (43)
<b>Substance Use Disorder Services</b>	42.5 (17)	40.7 (11)	47.2 (17)	50.0 (26)
<b>Both</b>	52.9 (9)	40.0 (8)	53.8 (7)	42.9 (9)

**CURRENT ESD USE — Gender and Race/Ethnicity**

<i>Estimated Prevalence (%)</i>	<b>2013<sup>+</sup></b>	<b>2014</b>	<b>2016</b>	<b>2018</b>
<i>Confidence Interval (CI)</i>	<b>% CI N</b>	<b>% CI N</b>	<b>% CI N</b>	<b>% CI N</b>
<i>Estimated Number (N)</i>				

**Middle School Students**

<b>Middle School Female</b>	No ESD	5.0	2.0	4.8
	Data	(4.1-5.9)	(1.1-2.9)	(3.1-6.5)
	Collected	209	81	216
<b>Middle School Male</b>	No ESD	5.5	2.2	6.6
	Data	(2.6-8.5)	(0.7-3.6)	(5.0-8.3)
	Collected	245	95	303
<b>White</b>	No ESD	4.4	1.6	5.3
	Data	(2.9-6.0)	(1.0-2.1)	(4.4-6.3)
	Collected	239	80	279
<b>African American/Black</b>	No ESD	10.8	4.7	7.9
	Data	(3.7-18.0)	(0-9.5)	(3.1-12.7)
	Collected	98	40	76
<b>Asian</b>	No ESD	YRBS Data	YRBS Data	YRBS Data
	Data	Not	Not	Not
	Collected	Available	Available	Available
<b>Hispanic/Latino</b>	No ESD	6.5	3.2	8.2
	Data	(3.7-11.3)	(0.9-10.6)	(5.6-10.8)
	Collected	61	31	112
<b>American Indian/Alaskan Native</b>	No ESD	YRBS Data	YRBS Data	YRBS Data
	Data	Not	Not	Not
	Collected	Available	Available	Available

**High School Students**

<b>High School Female</b>	No ESD	21.8	14.9	34.0
	Data	(19.4-24.1)	(12.8-17.1)	(30.9-37.1)
	Collected	1,275	835	1,943
<b>High School Male</b>	No ESD	25.7	17.9	28.7
	Data	(23.3-28.1)	(15.4-20.5)	(25.7-31.7)
	Collected	1,594	1,009	1,755
<b>White</b>	No ESD	23.9	16.0	33.3
	Data	(21.7-26.1)	(13.8-18.3)	(30.3-36.4)
	Collected	1,918	1,194	2,466
<b>African American/Black</b>	No ESD	22.0	16.0	27.4
	Data	(17.0-26.9)	(11.6-20.3)	(21.6-33.2)
	Collected	272	183	358
<b>Asian</b>	No ESD	11.4	12.1	14.1
	Data	(6.4-16.4)	(6.8-17.4)	(9.5-18.7)
	Collected	49	55	63
<b>Hispanic/Latino</b>	No ESD	28.3	19.3	28.5
	Data	(24.0-33.2)	(15.2-24.2)	(24.3-32.7)
	Collected	387	256	477
<b>American Indian/Alaskan Native</b>	No ESD	YRBS Data	YRBS Data	YRBS Data
	Data	Not	Not	Not
	Collected	Available	Available	Available

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