



# Anne Arundel 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>4.7</b> (3.2-6.3) <b>759</b>	<b>11.1</b> (7.2-15.1) <b>1,791</b>	<b>6.4</b> (3.8-9.1) <b>1,050</b>	<b>9.3</b> (7.2-11.4) <b>1,550</b>
<b>Cigarettes</b>	<b>3.6</b> (2.3-5.6) <b>583</b>	<b>3.0</b> (1.8-4.8) <b>492</b>	<b>1.0</b> (0.4-1.7) <b>180</b>	<b>0.8</b> (0.3-1.4) <b>150</b>
<b>Cigars</b>	<b>3.6</b> (2.6-5.1) <b>601</b>	<b>3.7</b> (2.5-5.5) <b>618</b>	<b>1.6</b> (0.7-2.5) <b>288</b>	<b>2.0</b> (1.2-2.8) <b>348</b>
<b>Smokeless Tobacco</b>	<b>1.9</b> (1.3-2.7) <b>315</b>	<b>2.0</b> (1.3-3.1) <b>335</b>	<b>1.0</b> (0.4-1.6) <b>179</b>	<b>2.3</b> (1.5-3.2) <b>401</b>
<b>ESDs</b>	<b>No ESD Data Collected</b>	<b>8.3</b> (5.0-11.6) <b>1,366</b>	<b>4.6</b> (2.7-6.5) <b>762</b>	<b>6.1</b> (4.2-8.0) <b>1,040</b>
<b>High School Students</b>				
<b>Any Tobacco</b> <i>(Any tobacco includes cigarettes, cigars, smokeless tobacco, and ESDs)</i>	<b>17.7</b> (15.8-19.8) <b>3,643</b>	<b>31.0</b> (28.5-33.4) <b>6,536</b>	<b>25.5</b> (23.0-28.0) <b>5,351</b>	<b>33.1</b> (30.0-36.2) <b>7,047</b>
<b>Cigarettes</b>	<b>13.7</b> (12.0-15.6) <b>2,857</b>	<b>10.7</b> (9.3-12.3) <b>2,273</b>	<b>9.2</b> (7.8-10.6) <b>2,081</b>	<b>6.0</b> (4.5-7.6) <b>1,357</b>
<b>Cigars</b>	<b>12.8</b> (11.2-14.6) <b>2,803</b>	<b>12.8</b> (11.3-14.5) <b>2,814</b>	<b>10.4</b> (8.8-11.9) <b>2,315</b>	<b>6.3</b> (4.6-8.0) <b>1,416</b>
<b>Smokeless Tobacco</b>	<b>7.4</b> (6.2-8.8) <b>1,631</b>	<b>5.8</b> (5.0-6.8) <b>1,247</b>	<b>6.0</b> (4.8-7.2) <b>1,354</b>	<b>3.9</b> (2.7-5.1) <b>871</b>
<b>ESDs</b>	<b>No ESD Data Collected</b>	<b>22.8</b> (20.8-24.8) <b>4,873</b>	<b>17.4</b> (15.5-19.2) <b>3,528</b>	<b>29.8</b> (26.8-32.8) <b>6,257</b>
<b>INITIATION OF TOBACCO USE IN PAST YEAR</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</b>	<b>5.7</b> (3.4-8.0) <b>925</b>	<b>3.9</b> (2.3-5.6) <b>663</b>	<b>4.2</b> (1.4-7.0) <b>703</b>	<b>2.1</b> (1.2-2.9) <b>342</b>
<b>High School</b>	<b>18.7</b> (17.0-20.4) <b>3,903</b>	<b>12.4</b> (11.2-13.7) <b>2,630</b>	<b>9.6</b> (8.5-10.8) <b>2,005</b>	<b>7.2</b> (5.4-8.9) <b>1,446</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>	4.0 (2.5-6.3) 325	10.5 (6.1-15.0) 845	5.9 (3.7-8.2) 478	9.7 (5.8-13.6) 805
<b>Middle School Male</b>	5.4 (3.7-7.7) 427	11.1 (6.7-15.6) 885	6.9 (3.5-10.2) 565	8.5 (7.5-9.5) 699
<b>White</b>	3.7 (2.5-4.8) 348	9.7 (4.2-15.2) 873	4.9 (2.1-7.7) 445	8.1 (5.1-11.1) 697
<b>African American/Black</b>	6.2 (3.5-8.8) 191	11.9 (6.3-17.6) 348	7.2 (1.9-12.6) 231	8.6 (4.3-12.9) 289
<b>Asian</b>	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available	YRBS Data Not Available
<b>Hispanic/Latino</b>	4.7 (0.6-8.8) 64	14.2 (8.9-19.5) 224	7.0 (1.6-12.3) 120	13.8 (11.3-16.3) 290
<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>	14.8 (12.8-17.1) 1,525	27.8 (24.8-30.8) 2,909	22.9 (20.1-25.8) 2,328	32.7 (28.3-37.1) 3,462
<b>High School Male</b>	20.2 (17.6-23.1) 2,062	33.4 (30.3-36.5) 3,497	27.2 (24.1-30.2) 2,893	32.7 (28.4-37.0) 3,427
<b>White</b>	16.6 (14.1-19.0) 2,137	29.9 (26.8-32.9) 3,700	25.4 (22.4-28.5) 3,039	36.4 (32.1-40.7) 4,175
<b>African American/Black</b>	17.2 (13.6-20.8) 703	29.0 (24.8-33.2) 1,170	21.9 (18.1-25.8) 920	25.2 (19.0-31.5) 1,079
<b>Asian</b>	11.4 (5.1-17.7) 60	15.0 (7.7-22.4) 74	10.2 (3.3-17.1) 58	YRBS Data Not Available
<b>Hispanic/Latino</b>	24.4 (18.9-29.9) 359	34.9 (29.6-40.2) 706	29.7 (24.5-34.9) 637	35.9 (28.3-43.4) 985
<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 (8)	1.3 (12)	0.6 (6)	0.7 (8)
<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>	8.0 (80)	7.2 (78)	4.6 (56)	3.9 (50)
<b>Substance Use Disorder Services</b>	28.1 (9)	35.5 (11)	40.4 (19)	37.1 (13)
<b>Both</b>	13.3 (2)	45.5 (5)	36.8 (7)	28.6 (6)

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

<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>				

**Middle School Students**

<b>Middle School Female</b>	No ESD	7.7	4.2	7.4
	Data	(4.0-11.4)	(2.8-5.5)	(4.2-10.6)
	Collected	630	337	628
<b>Middle School Male</b>	No ESD	8.9	5.1	4.7
	Data	(5.2-12.5)	(2.0-8.2)	(3.5-5.9)
	Collected	725	426	403
<b>White</b>	No ESD	8.0	3.5	5.4
	Data	(3.1-12.9)	(1.2-5.9)	(2.9-7.8)
	Collected	733	325	475
<b>African American/Black</b>	No ESD	8.6	5.5	5.0
	Data	(3.9-13.4)	(2.2-8.8)	(1.5-8.5)
	Collected	260	177	174
<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	7.3	5.5	9.6
	Data	(4.4-11.9)	(1.9-15.2)	(8.0-11.2)
	Collected	117	100	213
<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	20.6	16.2	30.6
	Data	(18.3-23.0)	(13.8-18.6)	(26.1-35.1)
	Collected	2,202	1,603	3,231
<b>High School Male</b>	No ESD	24.7	18.1	28.8
	Data	(22.3-27.2)	(15.8-20.4)	(24.9-32.8)
	Collected	2,606	1,855	2,954
<b>White</b>	No ESD	23.5	18.8	34.6
	Data	(21.0-26.1)	(16.4-21.3)	(30.5-38.8)
	Collected	2,953	2,189	3,956
<b>African American/Black</b>	No ESD	19.6	11.0	21.2
	Data	(16.1-23.1)	(8.4-13.6)	(15.0-27.4)
	Collected	817	447	895
<b>Asian</b>	No ESD	12.1	9.5	YRBS Data
	Data	(5.7-18.5)	(2.6-16.4)	Not
	Collected	62	54	Available
<b>Hispanic/Latino</b>	No ESD	24.0	18.1	29.0
	Data	(20.0-28.4)	(13.9-23.3)	(22.5-35.4)
	Collected	498	372	762
<b>American Indian/Alaskan Native</b>	No ESD	YRBS Data	YRBS Data	YRBS Data
	Data	Not	Not	Not
	Collected	Available	Available	Available

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.