



Worcester 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> | 7.7 (7.2-11.1) 83 | 14.9 (11.1-18.7) 159 | 9.5 (6.4-12.5) 123 | 14.8 (11.8-17.8) 156 |
| Cigarettes | 6.5 (3.7-11.2) 71 | 6.9 (4.7-10.0) 76 | 2.9 (1.2-4.5) 39 | 2.1 (1.0-3.2) 23 |
| Cigars | 3.7 (2.0-6.7) 41 | 4.8 (3.3-6.8) 53 | 3.0 (1.3-4.6) 41 | 1.7 (0.8-2.5) 19 |
| Smokeless Tobacco | 3.2 (1.8-5.7) 36 | 3.5 (2.2-5.3) 39 | 2.8 (1.5-4.2) 39 | 2.5 (1.2-3.8) 27 |
| ESDs | No ESD Data Collected | 11.2 (8.1-14.2) 121 | 6.9 (4.5-9.2) 90 | 13.0 (10.0-15.9) 138 |
| High School Students | | | | |
| Any Tobacco <i>(Any tobacco includes cigarettes, cigars, smokeless tobacco, and ESDs)</i> | 27.4 (23.7-31.3) 498 | 35.4 (32.4-38.5) 671 | 32.5 (28.6-36.5) 624 | 41.4 (37.1-45.8) 787 |
| Cigarettes | 21.3 (18.1-24.8) 392 | 14.7 (12.8-16.8) 279 | 13.3 (10.4-16.2) 271 | 7.7 (5.6-9.7) 154 |
| Cigars | 16.3 (13.9-18.9) 321 | 11.2 (9.5-13.1) 221 | 10.3 (7.9-12.8) 208 | 6.9 (4.6-9.3) 140 |
| Smokeless Tobacco | 12.9 (10.4-15.8) 255 | 9.6 (7.7-11.9) 184 | 7.7 (5.3-10.0) 156 | 5.1 (3.6-6.6) 103 |
| ESDs | No ESD Data Collected | 27.1 (24.4-29.9) 525 | 26.0 (22.7-29.3) 483 | 37.3 (33.5-41.2) 699 |
| 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 | 8.9 (4.7-13.1) 98 | 7.4 (4.9-9.9) 82 | 5.2 (3.1-7.4) 70 | 4.0 (2.5-5.6) 42 |
| High School | 27.3 (24.1-30.5) 514 | 13.1 (10.9-15.2) 251 | 10.7 (8.5-12.9) 204 | 8.0 (6.3-9.7) 147 |

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 | 8.6 (4.5-15.7) 46 | 13.8 (9.1-18.5) 73 | 9.0 (5.2-12.9) 57 | 14.8 (9.9-19.7) 71 |
| Middle School Male | 6.7 (3.1-13.8) 36 | 16.0 (10.7-21.3) 85 | 9.6 (5.9-13.4) 64 | 14.6 (11.4-17.9) 81 |
| White | 8.1 (1.9-14.4) 54 | 16.7 (12.2-21.1) 111 | 9.5 (5.6-13.3) 79 | 14.4 (11.1-17.8) 99 |
| African American/Black | 4.7 (1.4-8.1) 11 | 9.3 (2.1-16.4) 18 | 5.6 (1.6-9.5) 13 | 18.3 (11.4-25.2) 27 |
| Asian | YRBS Data Not Available | YRBS Data Not Available | YRBS Data Not Available | YRBS Data Not Available |
| Hispanic/Latino | YRBS Data Not Available | YRBS Data Not Available | YRBS Data Not Available | YRBS Data Not Available |
| 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 | 22.6 (18.8-26.8) 205 | 31.1 (26.8-35.5) 291 | 28.4 (23.6-33.2) 256 | 40.9 (35.5-46.3) 376 |
| High School Male | 31.8 (26.6-37.5) 288 | 39.3 (35.0-43.5) 373 | 35.4 (30.4-40.4) 352 | 41.5 (36.3-46.6) 400 |
| White | 27.5 (23.0-32.1) 354 | 34.3 (30.8-37.8) 445 | 32.7 (27.9-37.5) 426 | 44.5 (39.3-49.6) 565 |
| African American/Black | 20.0 (14.6-25.3) 56 | 33.2 (27.2-39.3) 116 | 26.3 (19.1-33.6) 71 | 32.4 (25.1-39.7) 107 |
| Asian | YRBS Data Not Available | YRBS Data Not Available | YRBS Data Not Available | YRBS Data Not Available |
| Hispanic/Latino | YRBS Data Not Available | YRBS Data Not Available | YRBS Data Not Available | 43.4 (32.4-54.4) 48 |
| 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 | 1.5 (2) | 0.0 (0) | 0.6 (1) | 0.0 (0) |
| 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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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 | 10.2 (25) | 6.8 (18) | 9.1 (26) | 9.6 (33) |
| Substance Use Disorder Services | 29.4 (5) | 7.7 (3) | 14.3 (6) | 15.4 (6) |
| Both | 20.0 (3) | 7.1 (2) | 21.6 (8) | 22.6 (7) |
| 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 | 10.4 (6.8-14.1) | 6.4 (3.8-8.9) | 13.0 (8.3-17.8) |
| | Collected | 56 | 41 | 64 |
| Middle School Male | No ESD Data | 11.9 (7.5-16.2) | 7.2 (4.1-10.2) | 12.9 (9.5-16.3) |
| | Collected | 64 | 48 | 72 |
| White | No ESD Data | 13.5 (9.5-17.6) | 7.1 (4.1-10.1) | 13.4 (10.1-16.7) |
| | Collected | 91 | 60 | 92 |
| African American/Black | No ESD Data | 4.9 (0.6-9.3) | 4.8 (1.2-8.3) | 13.4 (7.8-18.9) |
| | Collected | 10 | 11 | 21 |
| 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 | YRBS Data Not Available | YRBS Data Not Available | YRBS Data Not Available |
| | Collected | Available | Available | Available |
| 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 | 24.6 (21.0-28.2) | 22.9 (18.3-27.6) | 37.7 (32.7-42.8) |
| | Collected | 235 | 203 | 346 |
| High School Male | No ESD Data | 29.2 (24.9-33.5) | 28.4 (23.9-32.8) | 36.8 (32.1-41.6) |
| | Collected | 284 | 270 | 349 |
| White | No ESD Data | 27.3 (24.3-30.3) | 28.2 (23.8-32.7) | 41.7 (36.9-46.5) |
| | Collected | 359 | 361 | 519 |
| African American/Black | No ESD Data | 22.0 (17.2-26.8) | 15.8 (9.9-21.8) | 24.4 (17.0-31.8) |
| | Collected | 82 | 41 | 81 |
| 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 | YRBS Data Not Available | YRBS Data Not Available | YRBS Data Not Available |
| | Collected | Available | Available | Available |
| 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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