

Human papillomavirus (HPV) related new cancer diagnosis rates¹ and counts, Oregon 2012-2016



| Year | Total | | Male | | Female | |
|----------------------------------------|-------------|--------------|-------------|--------------|-------------|--------------|
| | Rate | Count | Rate | Count | Rate | Count |
| All HPV-associated cancer sites | | | | | | |
| 2012 | 12.4 | 563 | 12.0 | 281 | 12.8 | 282 |
| 2013 | 12.8 | 602 | 12.4 | 293 | 13.4 | 309 |
| 2014 | 11.4 | 545 | 9.8 | 239 | 13.0 | 306 |
| 2015 | 12.6 | 602 | 11.9 | 290 | 13.4 | 311 |
| 2016 | 12.0 | 613 | 11.7 | 298 | 12.4 | 315 |
| Five year totals | 12.3 | 2,925 | 11.6 | 1,401 | 13.0 | 1,523 |
| Oropharynx | | | | | | |
| 2012 | 5.5 | 269 | 9.6 | 232 | 1.5 | 37 |
| 2013 | 6.1 | 306 | 10.3 | 251 | 2.2 | 55 |
| 2014 | 4.6 | 243 | 7.7 | 193 | 1.8 | 50 |
| 2015 | 5.8 | 292 | 9.9 | 242 | 2.0 | 50 |
| 2016 | 5.3 | 289 | 9.5 | 246 | 1.4 | 43 |
| Five year totals | 5.4 | 1,399 | 9.4 | 1,164 | 1.8 | 235 |
| Ano-Rectal | | | | | | |
| 2012 | 2.4 | 110 | 1.9 | 39 | 2.9 | 71 |
| 2013 | 2.2 | 103 | 1.3 | 28 | 3.0 | 75 |
| 2014 | 1.8 | 93 | 1.4 | 30 | 2.3 | 63 |
| 2015 | 2.0 | 99 | 1.2 | 28 | 2.6 | 70 |
| 2016 | 2.1 | 111 | 1.5 | 36 | 2.6 | 75 |
| Five year totals | 2.1 | 516 | 1.5 | 161 | 2.7 | 354 |
| Cervical^{2, 3} | | | | | | |
| 2012 | 6.3 | 124 | NA | | 6.3 | 124 |
| 2013 | 6.6 | 135 | NA | | 6.6 | 135 |
| 2014 | 7.0 | 141 | NA | | 7.0 | 141 |
| 2015 | 6.9 | 138 | NA | | 6.9 | 138 |
| 2016 | 6.0 | 128 | NA | | 6.0 | 128 |
| Five year totals | 6.5 | 666 | NA | | 6.5 | 666 |
| Vagina-Vulva | | | | | | |
| 2012 | 2.1 | 50 | NA | | 2.1 | 50 |
| 2013 | 1.7 | 44 | NA | | 1.7 | 44 |
| 2014 | 2.1 | 52 | NA | | 2.1 | 52 |
| 2015 | 1.9 | 53 | NA | | 1.9 | 53 |
| 2016 | 2.4 | 69 | NA | | 2.4 | 69 |
| Five year totals | 2.0 | 268 | NA | | 2.0 | 268 |

NA = Not Applicable

¹ Rates are per 100,000 population and are age-adjusted to the 2000 standard population.

² Screening tests for this cancer are Grade A and B recommendations from the [U.S. Preventive Services Task Force](#).

NA = Not Applicable

³ There are slight differences between rates and counts for cervical cancer in this HPV-related new cancer diagnosis table compared to cervical cancer reported in the annual new cancer diagnosis web table. This difference is due to specificity of histology for HPV-related cancers

Human papillomavirus (HPV) related new cancer diagnosis rates¹ and counts, Oregon 2012-2016

| Year | Total | | Male | | Female | |
|-------------------------|------------|-----------|------------|-----------|-----------|-------|
| | Rate | Count | Rate | Count | Rate | Count |
| Penis | | | | | | |
| 2012 | -- | -- | -- | -- | NA | |
| 2013 | 0.7 | 14 | 0.7 | 14 | NA | |
| 2014 | 0.8 | 16 | 0.8 | 16 | NA | |
| 2015 | 0.9 | 20 | 0.9 | 20 | NA | |
| 2016 | 0.7 | 16 | 0.7 | 16 | NA | |
| Five year totals | 0.7 | 76 | 0.7 | 76 | NA | |

NA = Not Applicable

¹ Rates are per 100,000 population and are age-adjusted to the 2000 standard population.

-- Data not reported due to the small numbers of new cancer cases.

Note: HPV-associated cancer sites represented in these tables include the cervix, vagina, vulva, penis, anus, rectum, and oropharynx

Source:

Oregon State Cancer Registry (OSCaR)

Centers for Disease Control and Prevention. (2017). Predefined SEER* Stat Variables for Calculating the Number of Associated Cancers for Selected Risk Factors. Retrieved from <https://www.cdc.gov/cancer/npcr/pdf/public-use/predefined-seer-stat-variables.pdf>.

Suggested citation: Oregon Health Authority, Public Health Division, Health Promotion and Chronic Disease Prevention section. HPV-associated cancers diagnosis rates and counts, Oregon 2012-2016.

<http://www.oregon.gov/oha/PH/DISEASES/CONDITIONS/CHRONICDISEASE/CANCER/OSCAR/Pages/pubs.aspx>

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