The cover features a dark blue background with a teal triangle on the left and a white-to-blue gradient polygon on the right. The title is centered in the white polygon.

HPV & Adolescent Vaccine Toolkit

You have the power to reduce the human papillomavirus (HPV) cancer burden in your community.

The HPV vaccine protects against 6 types of cancer.

Despite the proven safety and effectiveness of the HPV vaccine at preventing HPV infection, genital warts, and 6 types of cancer, vaccine uptake remains lower than that of other adolescent vaccinations.

This resource will provide you with the information and tools you need to increase vaccination rates and promote cancer prevention in your practice.

As a physician, pediatrician or provider with the Texas Vaccines for Children program (TVFC), you have the power to increase human papillomavirus (HPV) vaccination rates among adolescents in your community.

Your recommendation is the primary reason parents decide to vaccinate their children.

Every dose matters. HPV cancer prevention starts with you.

Contact Information

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HPV Cancer & Prevention Profile - Texas

Overview of HPV infection, related cancers and vaccination rates in the U.S. and Texas.

HPV Vaccine as Cancer Prevention: Evidence from Sweden

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Human Papillomavirus (HPV) & Cancer

HPV currently infects approximately **79 million people in the U.S.** with an estimated **14 million new infections each year.** Most cases resolve themselves within two years of infection. However 1 out of 10 infections persist and can cause six different types of cancer.¹

HPV Causes six types of cancer.

- Penile
- Vaginal
- Vulvar
- Anal
- Cervical
- Oropharyngeal



HPV-related cancers **impact all genders.**

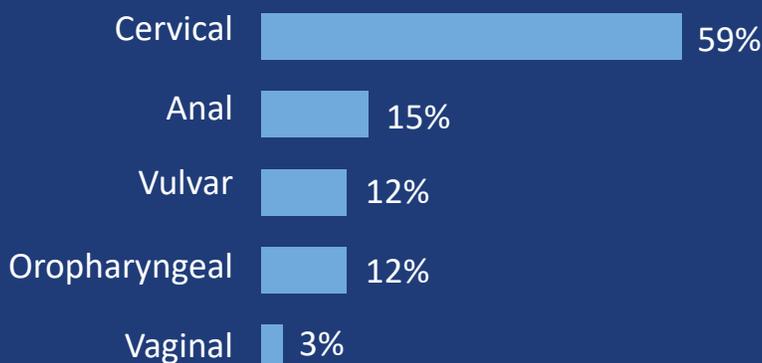
TCR estimates that of the approximately 3,200 new cases of HPV-associated cancers each year, **1,300 are among males** and **1,900 are among females.**³

Percent of new HPV-associated cancer cases in Texas by sex & site, 2013-2017⁽³⁾



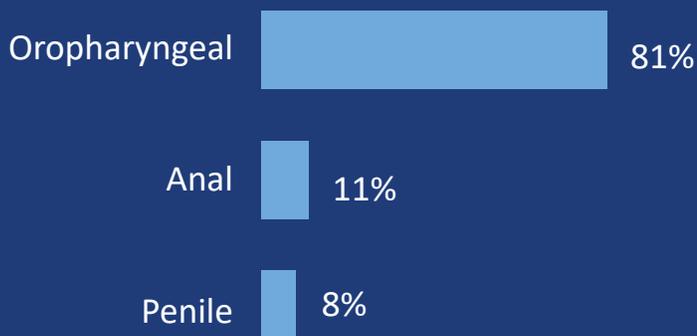
59%

of new HPV-associated cancer cases among females in Texas are cervical cancer.



81%

of new HPV-associated cancer cases among males in Texas are oropharyngeal cancer.



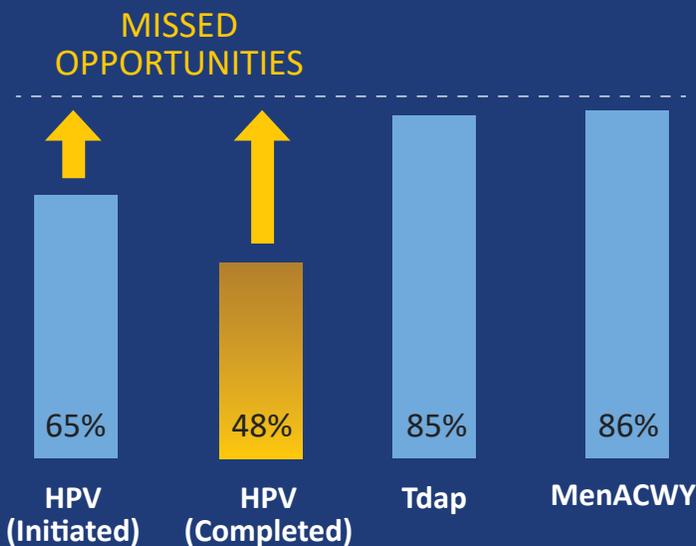
Human Papillomavirus (HPV) & Cancer

HPV causes the majority of HPV-associated cancer cases. Over 90% of cervical and anal cancers are probably the result of HPV infection.

Estimated Percent of HPV-associated Cancers Caused by HPV Each Year ⁴



HPV, Tdap & MenACWY Vaccination Coverage Among Adolescents in Texas 13-17 Years (2019)



There are significant gaps in Texas HPV vaccination coverage compared to other recommended adolescent vaccines.

According to 2019 NIS-Teen data, **only 48.4% of Texas teens have completed the HPV vaccination series.**

The 9 valent HPV vaccine protects adolescents from high-risk HPV strains 6, 11, 16, 18, 31, 33, 45, 52, and 58. These account for an estimated **92% of HPV-attributable cancer cases and 90% of genital warts cases.**