

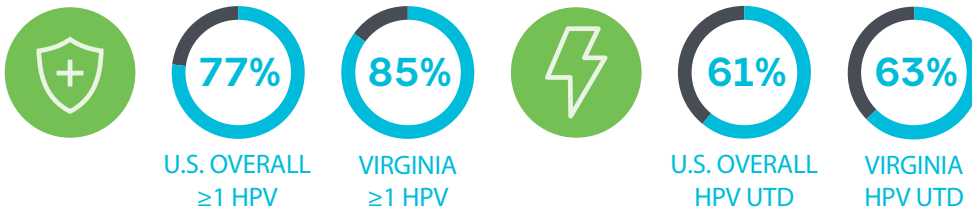


A PATH TO PREVENTION:

State Profile: Virginia

On-time HPV vaccination protects best. HPV vaccination is routinely recommended at **age 11 or 12 years and may be started at age 9**. HPV vaccination is recommended for everyone ages 9-26. It's not too late to catch up on HPV vaccination. People ages 27-45 are also strongly encouraged to talk with a health care provider to see if HPV vaccination is right for them.

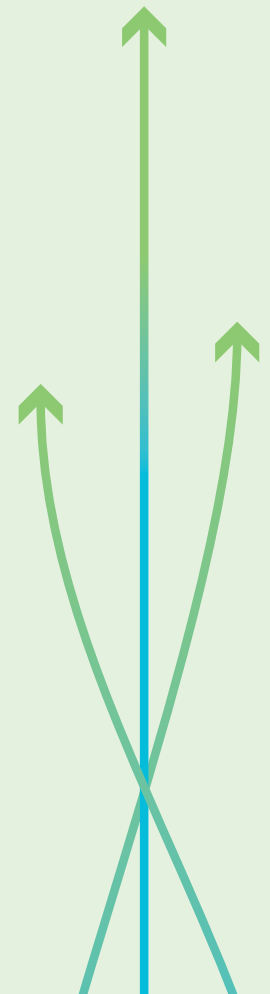
HPV VACCINATION RATES FOR 13-17 YEAR-OLDS AS OF 2023:



Virginia has increased HPV vaccination coverage of **≥1 dose by 32% and up to date (UTD) by 24% since 2016**. Coverage remains **higher than the U.S. average** but still falls below the Healthy People 2030 goal of 80% UTD. Compared to meningitis and whooping cough (Tdap) vaccines routinely recommended for adolescents, HPV vaccination coverage lags. Virginia vaccination rates **among 13-17-year-olds were 88% for meningitis vaccine and 94% for Tdap vaccine in 2023**.

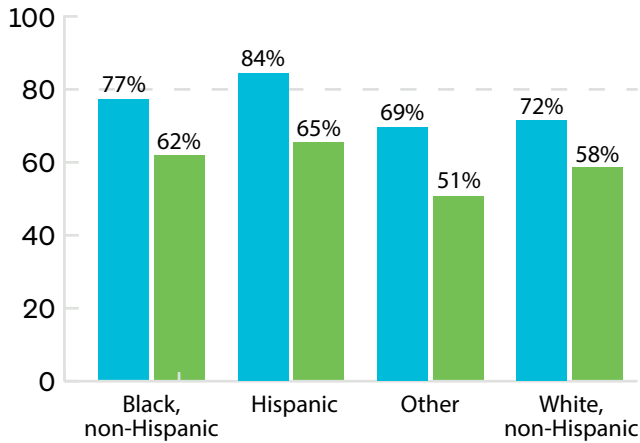


HPV vaccination protects against more than 90% of HPV cancers.

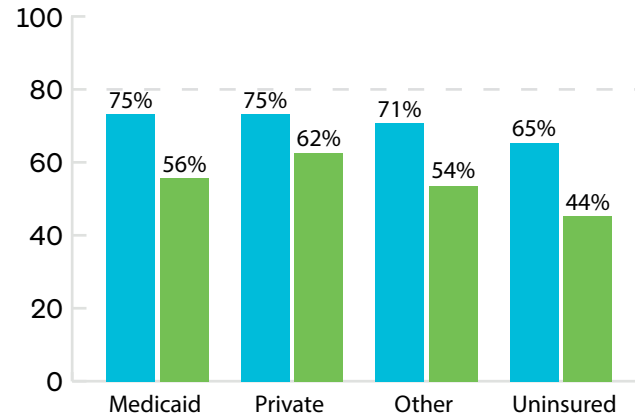


HPV VACCINATION RATES FOR 13-17 YEAR-OLDS AS OF 2022:

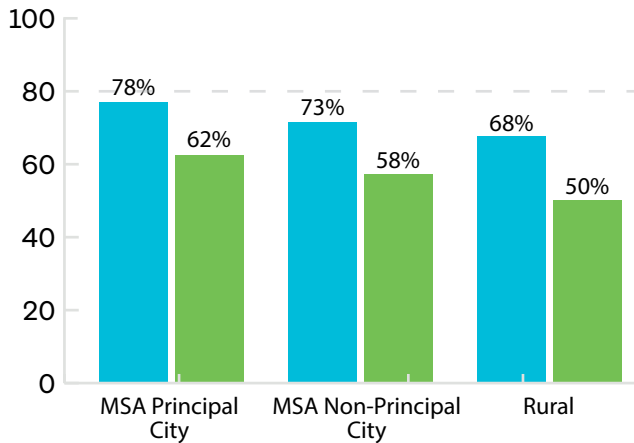
HPV Vaccination by Race/Ethnicity



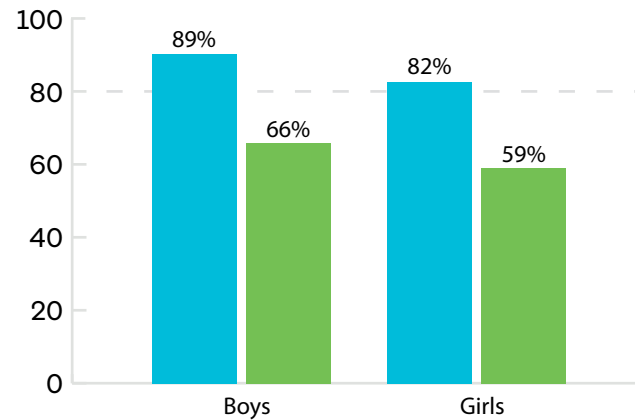
HPV Vaccination by Insurance Coverage



HPV Vaccination by Urbanicity



HPV Vaccination by Sex



----- Healthy People 2030 █ ≥1 HPV Vaccination █ HPV Vaccination Up-to-date

HPV vaccination data sources: CDC NIS-TEEN, 2023 accessed in TeenVax View, 2024

Demographic data for 2018-2022 are the most recently available.

HPV CANCERS:

HPV is a common virus linked to six types of cancer. The two most common HPV-associated cancers are oropharyngeal and cervical cancers. **Incidence rates of HPV cancers overall and for oropharyngeal and cervical cancers are lower in Virginia compared to the U.S. averages.**

New Cases

	All HPV Cancers	Oropharyngeal Cancer	Cervical Cancer
United States Overall	12.5	5.2	7.1
Virginia Overall	11.2	5.1	5.4
United States	Male: 11.2, Female: 13.9	Male: 9.1, Female: 1.6	Virginia ranks in the Top 46 nationally in cervical cancer incidence rates.
Virginia	Male: 10.5, Female: 11.9	Male: 9.0, Female: 1.5	

Incidence rates shown are cases per 100,000 persons.

ACTION STEPS:

Identify and engage key partners in HPV vaccination to develop, implement, and evaluate priority evidence-based interventions to increase HPV vaccination coverage in clinical, community and policy settings in Virginia:

- Encourage starting HPV vaccination at age 9 to increase series completion by age 13.
- Enhance provider recommendations, implement standing orders, optimize electronic health records, and reduce missed vaccination opportunities through system improvements.
- Develop a comprehensive data strategy, promote reporting and use of immunization systems, and launch a public-facing HPV vaccination dashboard.
- Align efforts with state cancer plans, create statewide platforms for education, engage diverse community partners, and promote awareness of oral, head, and neck cancers related to HPV.
- Identify strategies to improve HPV vaccination coverage for adolescents living in rural areas.
- Explore opportunities to strengthen and support the regulation of the existing HPV vaccination school entry requirement and other school-based strategies to improve HPV vaccination coverage.
- Engage and support state-level partners in the development and implementation of strategic plans for the elimination of HPV cancers, beginning with cervical cancer, as a public health concern.

Pingali C, Yankey D, Elam-Evans LD, Markowitz LE, Valier MR, Fredua B, Crowe SJ, DeSisto CL, Stokley S, Singleton JA. Vaccination Coverage Among Adolescents Aged 13-17 Years - National Immunization Survey-Teen, United States, 2023. *MMWR Morb Mortal Wkly Rep.* 2024 Aug 25;72(34):912-919. doi: 10.15585/mmwr.mm7234a3. PMID:37616185; PMCID: PMC10468222.

U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool, based on 2022 submission data (1999-2020): U.S. Department of Health and Human Services, Centers for Disease Control and Prevention and National Cancer Institute; <https://www.cdc.gov/cancer/dataviz>, released in June 2024.

Virginia HPV immunization task force (VHIT) - the cancer action coalition of Virginia. *The Cancer Action Coalition of Virginia - Working Together for a Virginia Without Cancer.* (2024, August 5). <https://cancercoalitionofvirginia.org/vhit/>