

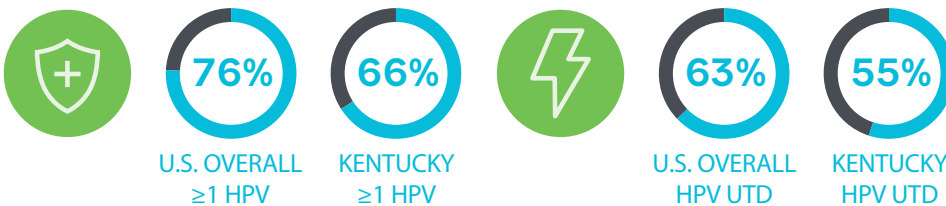


A PATH TO PREVENTION: →

State Profile: Kentucky

HPV vaccination is recommended for routine vaccination at **age 11 or 12 years and may be started at age 9**. Adults age 27 to 45 should talk to their doctors to see if HPV vaccination is recommended for them.

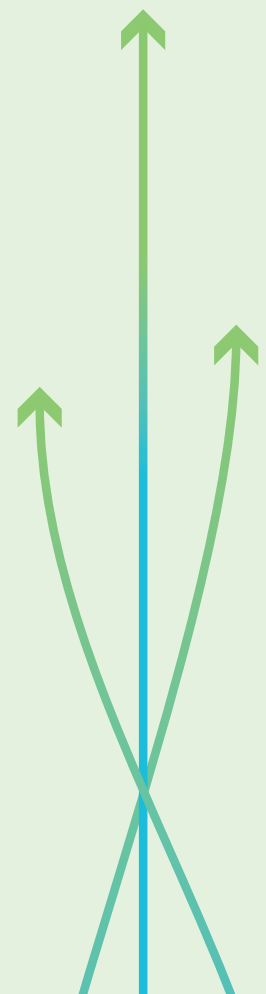
HPV VACCINATION RATES FOR 13-17 YEAR-OLDS AS OF 2022:



Kentucky has increased HPV vaccination coverage of **≥1 dose by 18% and up to date (UTD) by 21% since 2016**. However, coverage remains **lower than the U.S. average** and 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. Kentucky vaccination rates **among 13-17 year olds were 90% for meningitis vaccine and 86% for Tdap vaccine in 2022**.

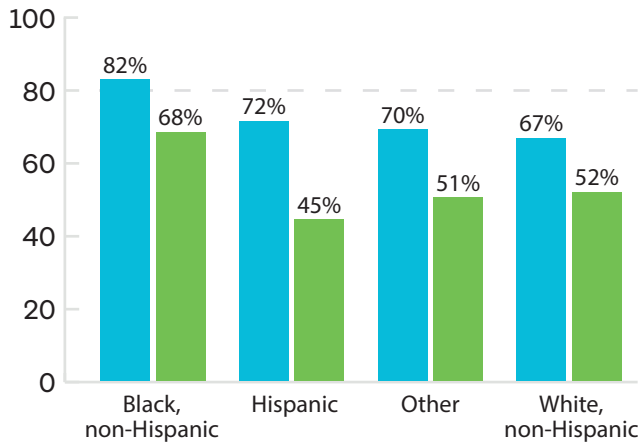


HPV vaccination protects against more than 90% of HPV cancers.

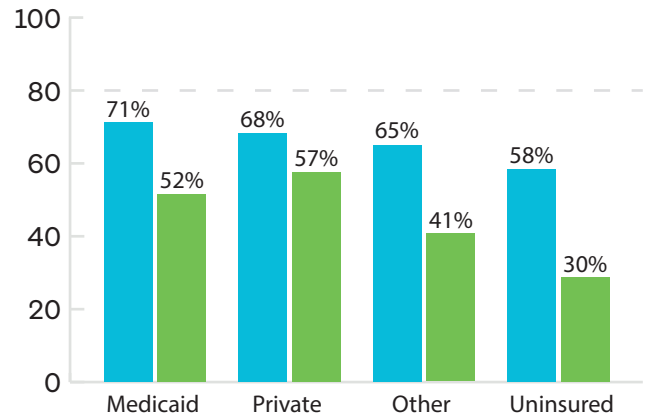


HPV VACCINATION RATES FOR 13-17 YEAR-OLDS AS OF 2022:

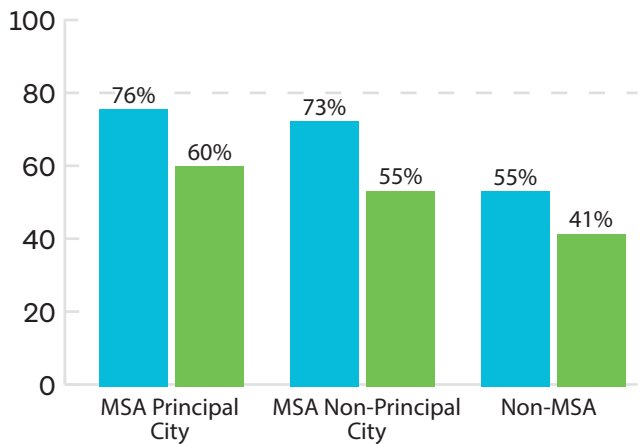
HPV Vaccination by Race/Ethnicity



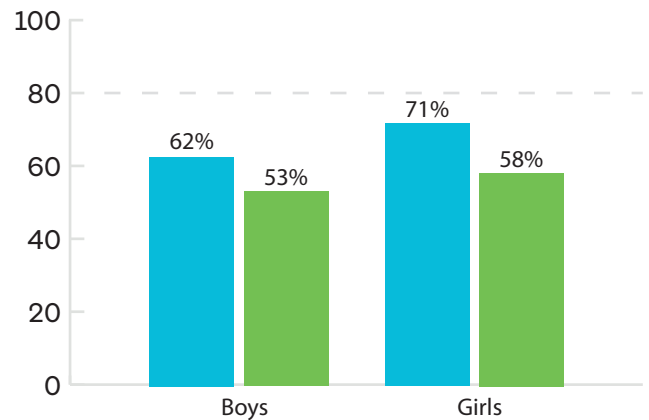
HPV Vaccination by Insurance Coverage



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, 2022; TeenVax View, 2022

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 oropharyngeal and cervical cancers are higher in Kentucky compared to the U.S. averages.**

New Cases

	All HPV Cancers	Oropharyngeal Cancer	Cervical Cancer
United States Overall	11.8	5.0	6.5
Kentucky Overall	16.1	6.0	8.6
United States	Male: 10.8, Female: 12.9	Male: 8.8, Female: 1.6	Kentucky ranks in the Top 3 Nationally in cervical cancer incidence rates.
Kentucky	Male: 12.5, Female: 19.4	Male: 10.2, Female: 2.2	

Incidence rates shown are cases per 100,000 persons.

ACTION STEPS:

Identify and engage key stakeholders in HPV vaccination efforts through vaccination and cancer prevention stakeholders in Kentucky to develop, implement, and evaluate an action plan for increasing HPV vaccination coverage:

- Encourage starting HPV vaccination at age 9 to increase series completion by age 13.
- Increase initiation and completion of the HPV vaccination series by supporting health care providers in implementing reminder and recall systems.
- Encourage collaborations between health care providers and communities, particularly in high-risk areas like Appalachian Kentucky, to boost HPV vaccination initiation and completion.
- Collaborate with partners to develop statewide public awareness campaigns for HPV vaccination promotion.
- Promote evidence-based tools and training to health care providers on effective HPV vaccination recommendations to parents and caregivers.
- Facilitate health care provider participation in the Vaccines for Children program to expand access points for HPV vaccination.
- Gather data on health care providers' and parents' attitudes towards HPV vaccination to assess impact on vaccination rates.

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, 2022. *MMWR Morb Mortal Wkly Rep.* 2023 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 2023.

Kentucky Cancer Consortium (KCC). (2019). *Cancer Action Plan, a blueprint for cancer prevention and control in our state by 2022.* https://www.kycancerc.org/wp-content/uploads/sites/14/2019/08/KCC%20Action%20Plan%202019_revised_July26_2019.pdf.