

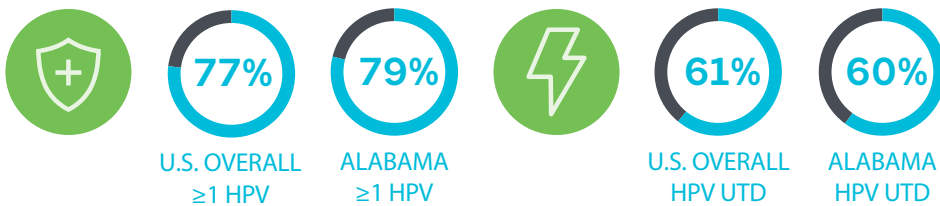


A PATH TO PREVENTION:

State Profile: Alabama

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.

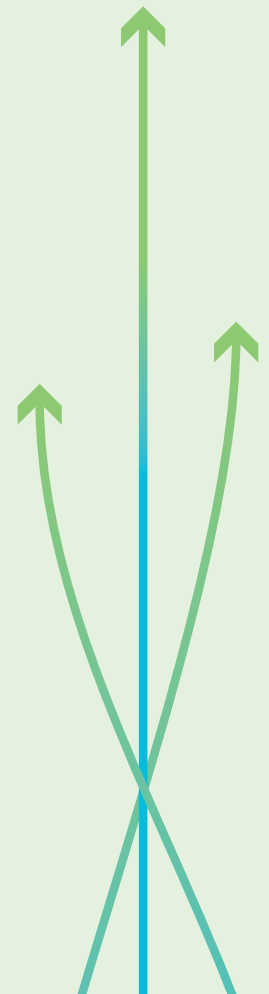
HPV VACCINATION RATES FOR 13-17 YEAR-OLDS AS OF 2023:



Alabama has increased HPV vaccination coverage of **≥1 dose by 27% and up-to-date (UTD) by 25% since 2016**. However, coverage remains slightly **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. Alabama vaccination rates **among 13-17 year olds were 87% for meningitis vaccine and 90% for Tdap vaccine in 2023**.

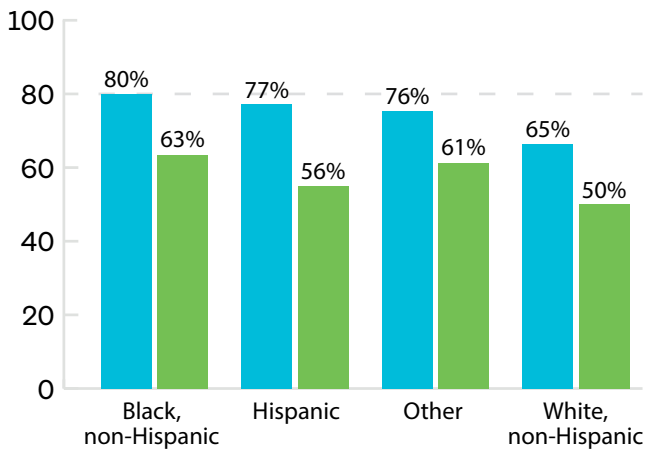


HPV vaccination protects against more than 90% of HPV cancers.

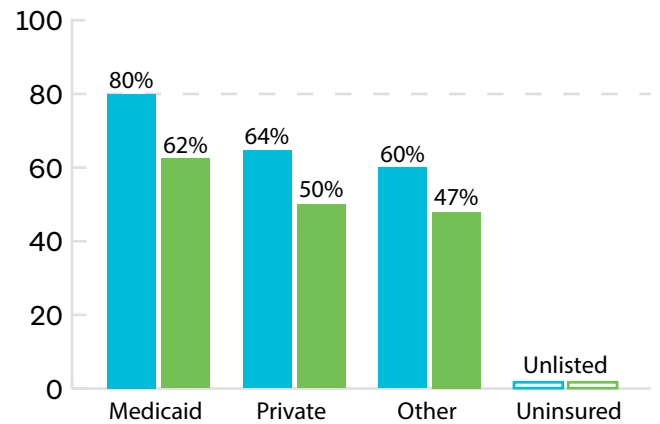


HPV VACCINATION RATES FOR 13-17 YEAR-OLDS AS OF 2022:

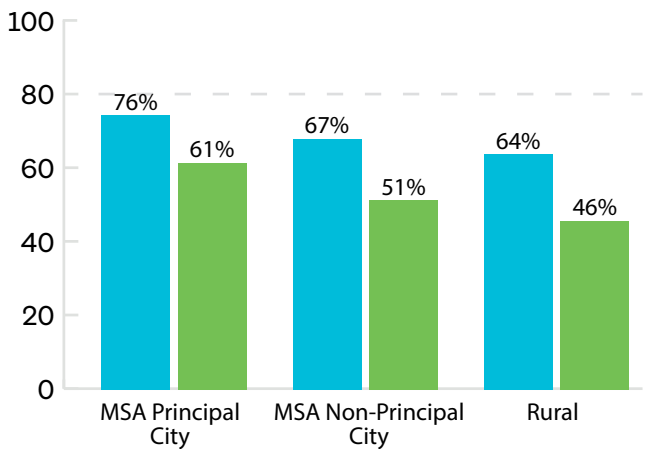
HPV Vaccination by Race/Ethnicity



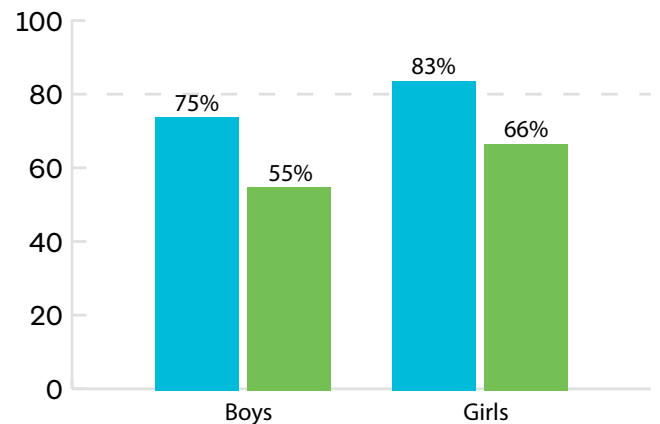
HPV Vaccination by Insurance Coverage



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 cervical cancer are higher in Alabama compared to the U.S. averages. Incidence rates of oropharyngeal cancer are slightly lower in Alabama compared to the U.S. averages.**

New Cases

	All HPV Cancers	Oropharyngeal Cancer	Cervical Cancer
United States Overall	12.5	5.2	7.1
Alabama Overall	12.8	5.0	7.7
United States	Male: 11.2, Female: 13.9	Male: 9.1, Female: 1.6	Alabama ranks in the Top 15 nationally in cervical cancer incidence rates.
Alabama	Male: 10.7, Female: 14.7	Male: 8.6, Female: 1.8	

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 Alabama:

- Encourage starting HPV vaccination at age 9 to increase series completion by age 13.
- Identify strategies to improve HPV vaccination coverage for adolescents living in rural areas.
- Support and collaborate with state-level partners in the implementation and dissemination of Operation Wipe Out, the first statewide cervical cancer elimination plan.
- Explore opportunities to implement school-based strategies to improve HPV vaccination coverage.
- Promote HPV vaccination at colleges and universities across the state.
- Improve capacity among health care providers (including oral health providers) to recommend and/or administer HPV vaccines.
- Align with existing efforts in Alabama to build HPV vaccination confidence among the public, especially among parents and caregivers who make vaccination decisions for their children, to optimize impact and increase HPV vaccination by continuing collaborative efforts with Operation Wipe Out, Vax 2 Stop Cancer, O’Neal Comprehensive Cancer Center, and Mitchell Cancer Institute.
- Advocate for policy change to allow pharmacists to administer HPV vaccines without standing orders.

Cervical Cancer Summit. (2023). Strategic Action Plan for Cervical Cancer Elimination as a Public Health Problem in the State of Alabama. <https://togetherforhealth.org/wp-content/uploads/AL-Cervical-Cancer-Action-Plan-Web.pdf>

Pingali C, Yankey D, Chen M, et al. National Vaccination Coverage Among Adolescents Aged 13–17 Years – National Immunization Survey-Teen, United States, 2023. *MMWR Morb Mortal Wkly Rep* 2024;73:708–714. DOI: <http://dx.doi.org/10.15585/mmwr.mm7333a1>

U.S. Cancer Statistics Working Group. U.S. Cancer Statistics Data Visualizations Tool. 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.

Operation Wipe Out. Alabama Department of Public Health; <https://operationwipeout.org/>