



## A PATH TO PREVENTION: →

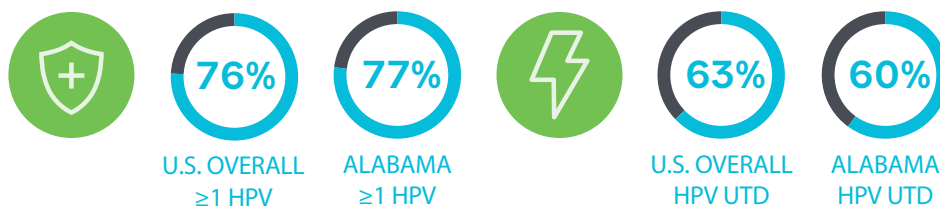
# State Profile: Alabama

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.

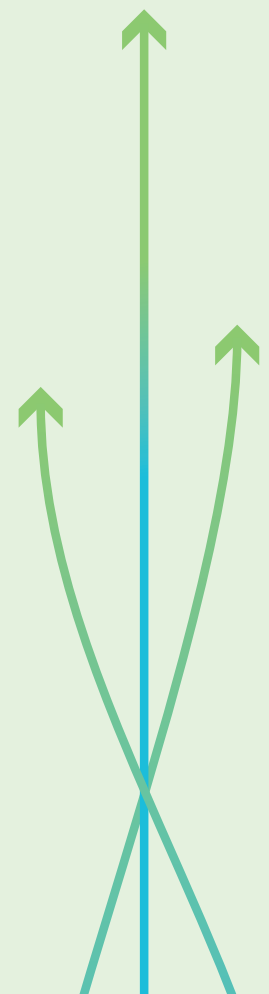


**HPV vaccination protects against more than 90% of HPV cancers.**

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

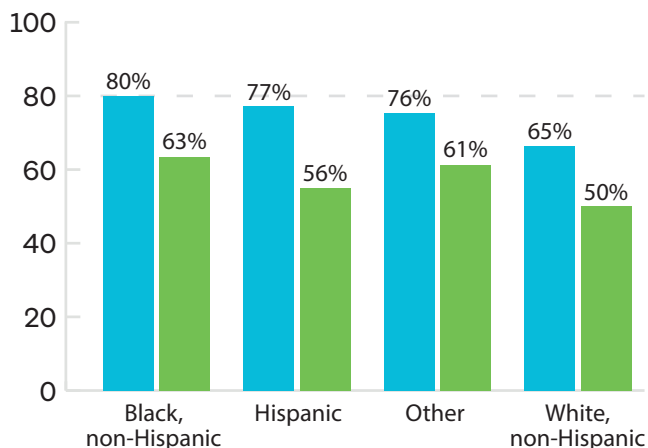


Alabama has increased HPV vaccination coverage of **≥1 dose by 25% and up-to-date (UTD) by 24% since 2016**. However, coverage remains **lower than the U.S. average** and below the Healthy People 2030 goal of 80% UTD. Compared to meningitis and whooping cough (Tdap) vaccines routinely recommended for adolescents, HPV vaccination coverage lags. Alabama vaccination rates **among 13-17 year olds were 84% for meningitis vaccine and 93% for Tdap vaccine in 2022**.

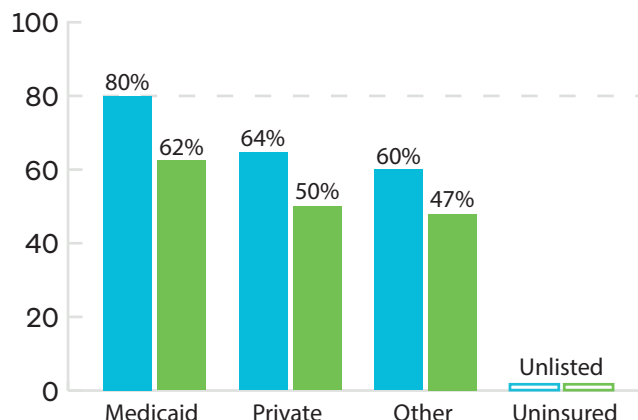


# HPV VACCINATION RATES FOR 13-17 YEAR-OLDS AS OF 2022:

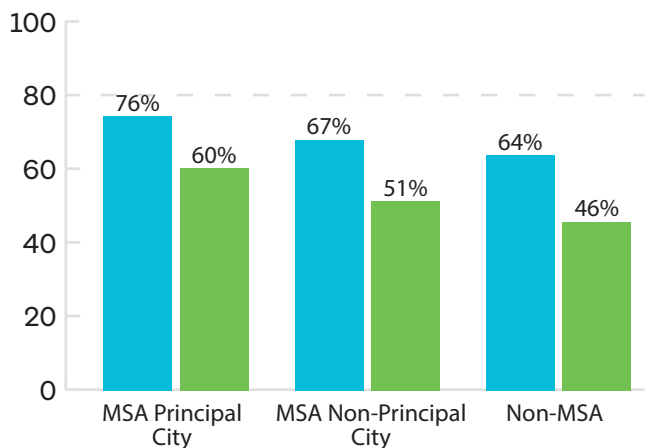
**HPV Vaccination by Race/Ethnicity**



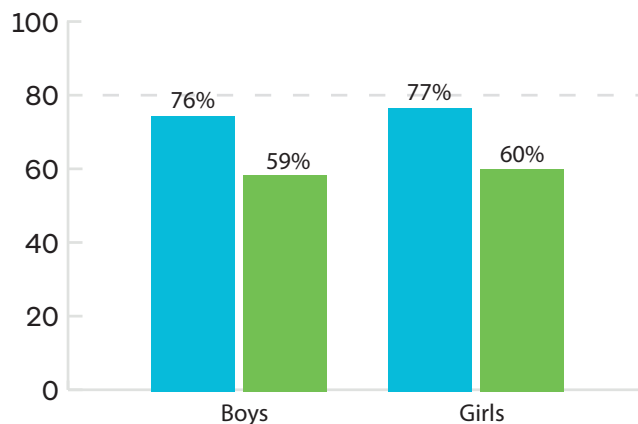
**HPV Vaccination by Insurance Coverage**



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

### New Cases

	All HPV Cancers	Oropharyngeal Cancer	Cervical Cancer
United States Overall	11.8	5.0	6.5
Alabama Overall	12.2	4.5	7.3
United States	Male: 10.8, Female: 12.9	Male: 8.8, Female: 1.6	Alabama ranks in the <b>Top 15 Nationally</b> in cervical cancer incidence rates.
Alabama	Male: 9.9, Female: 14.4	Male: 7.8, Female: 1.7	

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.
- Implement the activities described in the Strategic Action Plan for Cervical Cancer Elimination as a Public Health Problem in the State of Alabama, 2023-2033.
- 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.
- Advocate for policy change to allow pharmacists to administer HPV vaccines without standing orders.

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.

Cervical Cancer Summit. (2022). Strategic Action Plan for Cervical Cancer Elimination as a Public Health Problem in the State of Alabama. [https://www.alabamapublichealth.gov/bandc/assets/cervicalcancer\\_actionplan.pdf](https://www.alabamapublichealth.gov/bandc/assets/cervicalcancer_actionplan.pdf).