

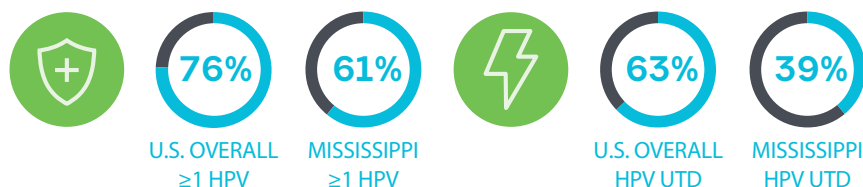


## A PATH TO PREVENTION:

# State Profile: Mississippi

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:

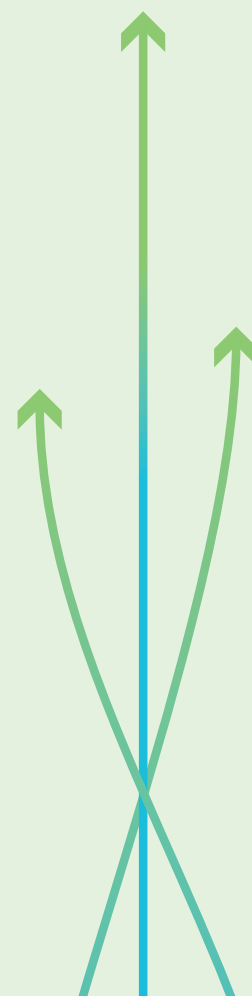


Mississippi has increased HPV vaccination coverage of **≥1 dose by 15% and up-to-date (UTD) by 9% since 2016**. However, coverage remains **lower than the U.S. average** and below the Healthy People 2030 goal of 80% UTD. Compared to meningitis and whooping cough (Tdap) vaccines routinely recommended for adolescents, HPV vaccination coverage lags. Mississippi vaccination rates **among 13-17 year olds were 56% for meningitis vaccine and 87% for Tdap vaccine in 2022**.

HPV vaccination data sources: CDC NIS-TEEN, 2022; TeenVax View, 2022

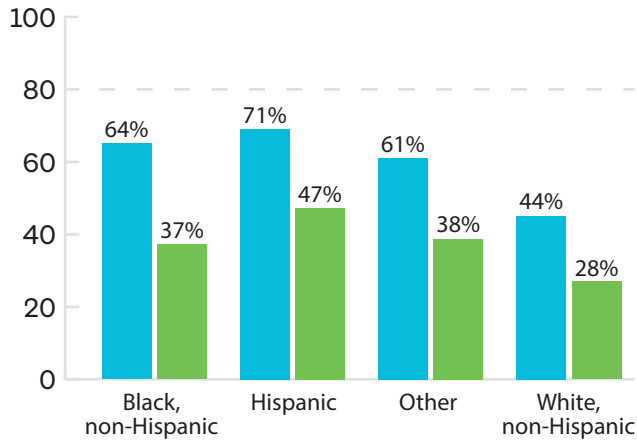


**HPV vaccination protects against more than 90% of HPV cancers.**

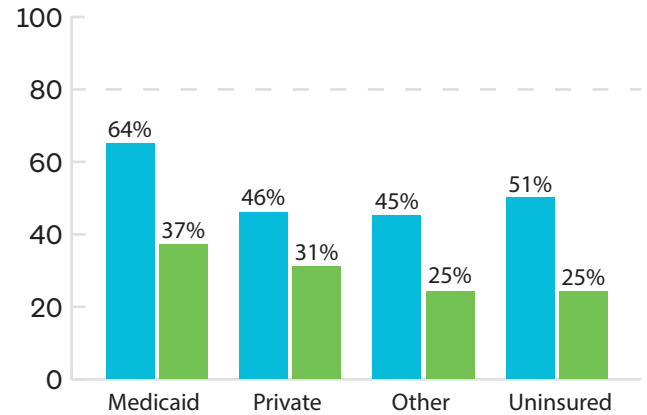


# HPV VACCINATION RATES FOR 13-17 YEAR-OLDS AS OF 2022:

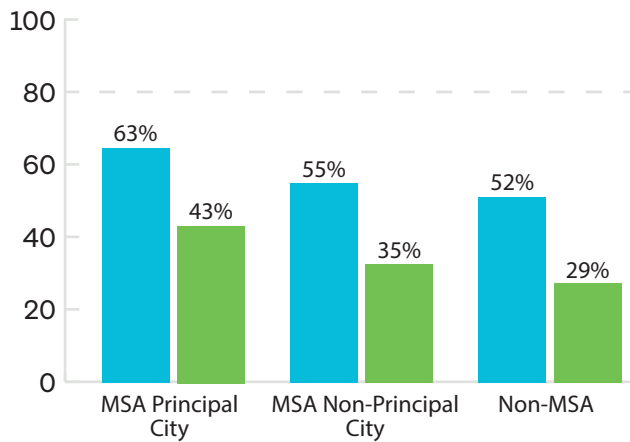
**HPV Vaccination by Race/Ethnicity**



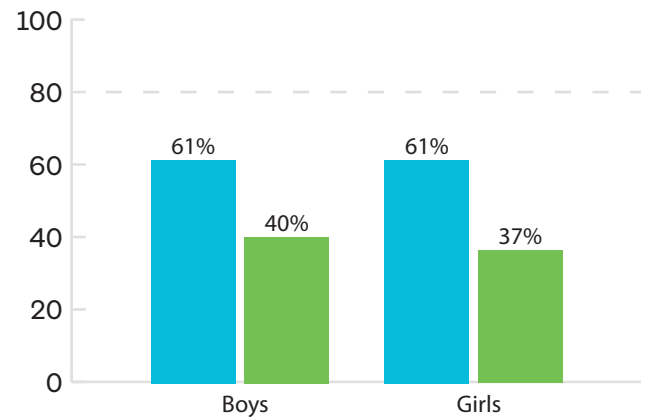
**HPV Vaccination by Insurance Coverage**



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

**New Cases**

	All HPV Cancers	Oropharyngeal Cancer	Cervical Cancer
United States Overall	11.8	5.0	6.5
Mississippi Overall	13.0	5.7	7.8
United States	Male: 10.8, Female: 12.9	Male: 8.8, Female: 1.6	Mississippi ranks in the <b>Top 10 Nationally</b> in cervical cancer incidence rates.
Mississippi	Male: 11.6, Female: 14.2	Male: 9.9, Female: 1.9	

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 Mississippi:**

- Encourage starting HPV vaccination at age 9 to increase series completion by age 13.
- Participate in advocacy efforts aimed at policy change to decrease cancer risk through the enactment of HPV vaccination mandates.
- Partner with community-based organizations to increase knowledge of the importance of getting vaccinated for HPV and cancer screenings.
- Expand the network of HPV vaccination providers to include oral health providers.
- Increase the number of annual evaluation and surveillance plans developed, implemented, and reviewed to assess the impact of HPV-related cancer programs, partnerships, and plans.

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.

Mississippi Partnership for Comprehensive Cancer Control (MP3C). (2022). Mississippi State Plan for Comprehensive Cancer Control. [https://msdh.ms.gov/msdhsite/\\_static/resources/8021.pdf](https://msdh.ms.gov/msdhsite/_static/resources/8021.pdf).