

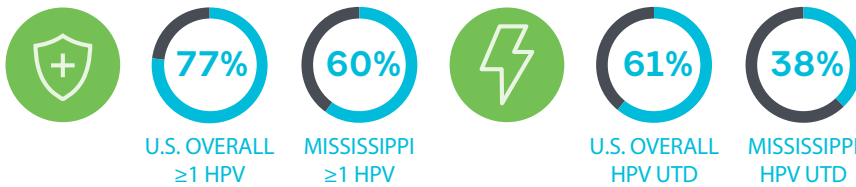


## A PATH TO PREVENTION: →

# State Profile: Mississippi

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.

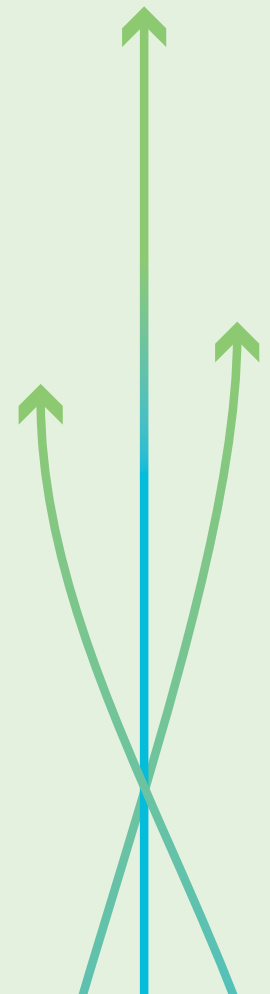
## HPV VACCINATION RATES FOR 13-17 YEAR-OLDS AS OF 2023:



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 63% for meningitis vaccine and 92% for Tdap vaccine in 2023**.

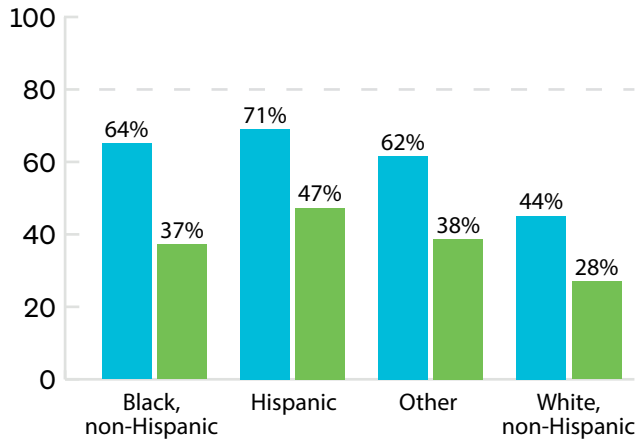


**HPV vaccination protects against more than 90% of HPV cancers.**

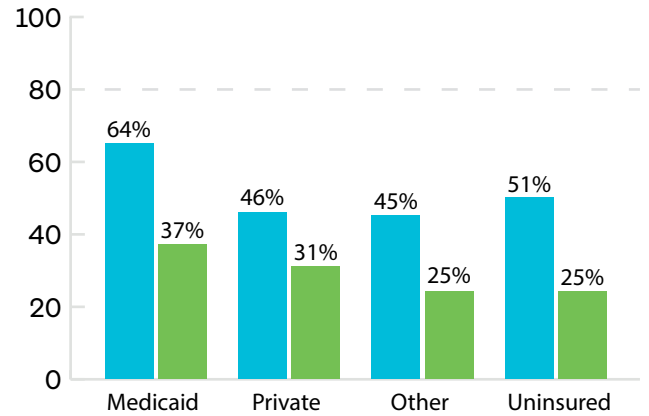


# HPV VACCINATION RATES FOR 13-17 YEAR-OLDS AS OF 2022:

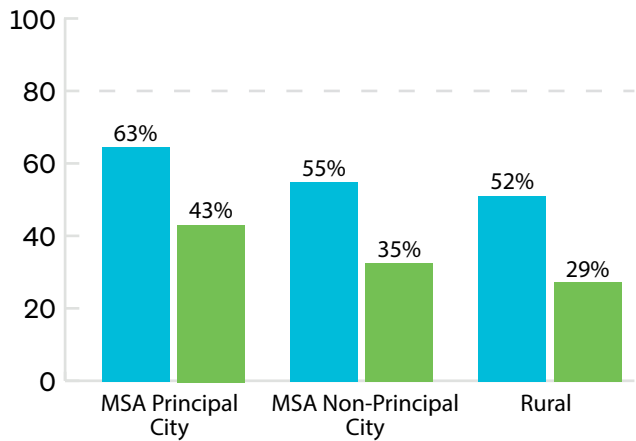
**HPV Vaccination by Race/Ethnicity**



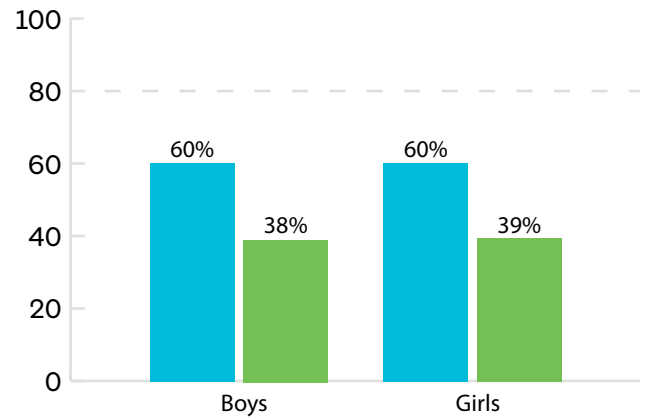
**HPV Vaccination by Insurance Coverage**



**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 higher in Mississippi compared to the U.S. averages.**

### New Cases

	All HPV Cancers	Oropharyngeal Cancer	Cervical Cancer
United States Overall	12.5	5.2	7.1
Mississippi Overall	15.3	5.5	9.9
United States	Male: 11.2, Female: 13.9	Male: 9.1, Female: 1.6	Mississippi ranks in the <b>Top 3 nationally</b> in cervical cancer incidence rates.
Mississippi	Male: 12.7, Female: 17.8	Male: 9.2, Female: 2.3	

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.
- Identify strategies to improve HPV vaccination coverage for adolescents living in rural areas.
- Explore opportunities to implement 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 2023 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.

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)