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:

- **U.S. Overall ≥1 HPV:** 76%
- **Tennessee ≥1 HPV:** 74%
- **U.S. Overall HPV UTD:** 63%
- **Tennessee HPV UTD:** 64%

Tennessee has increased HPV vaccination coverage of ≥1 dose by 19% and up-to-date (UTD) by 28% 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. Tennessee vaccination rates among 13–17 year olds were 83% for meningitis vaccine and 91% for Tdap vaccine in 2022.

HPV vaccination data sources: CDC NIS-TEEN, 2022; TeenVax View, 2022
HPV VACCINATION RATES FOR 13–17 YEAR-OLDS AS OF 2022:

HPV Vaccination by Race/Ethnicity

- Black, non-Hispanic: 82%
- Hispanic: 78%
- Other: 69%
- White, non-Hispanic: 65%

HPV Vaccination by Insurance Coverage

- Medicaid: 75%
- Private: 68%
- Other: 59%
- Uninsured: 38%

HPV Vaccination by Urbanicity

- MSA Principal City: 74%
- MSA Non-Principal City: 65%
- Non-MSA: 46%

HPV Vaccination by Sex

- Boys: 74%
- Girls: 65%

Healthy People 2030

- ≥1 HPV Vaccination
- HPV Vaccination Up-to-date

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

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 cancer are higher in Tennessee compared to the U.S. averages.**

<table>
<thead>
<tr>
<th></th>
<th>All HPV Cancers</th>
<th>Oropharyngeal Cancer</th>
<th>Cervical Cancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States Overall</td>
<td>11.8</td>
<td>5.0</td>
<td>6.5</td>
</tr>
<tr>
<td>Tennessee Overall</td>
<td>12.9</td>
<td>5.7</td>
<td>6.6</td>
</tr>
<tr>
<td>United States</td>
<td>Male: 10.8, Female: 12.9</td>
<td>Male: 8.8, Female: 1.6</td>
<td>Tennessee ranks in the Top 30 Nationally in cervical cancer incidence rates.</td>
</tr>
</tbody>
</table>

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 Tennessee:

- Encourage starting HPV vaccination at age 9 to increase series completion by age 13.
- Expand HPV vaccination training and education opportunities for health care providers to support a strong provider recommendation and combat parental hesitancy.
- Implement training experiences on motivational interviewing for improving HPV vaccination coverage.
- Implement health system changes, including client reminders, EHR prompts, and provider assessment and feedback to increase HPV vaccination.
- Explore innovative approaches to reach key populations through mobile HPV vaccination clinics to increase access points, implement communication campaigns to improve public awareness, and implement efforts specifically to address HPV vaccination disparities in rural areas.

