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.

State Profile: West Virginia

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

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

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 oropharyngeal cancer are higher in West Virginia compared to the U.S. averages.

<table>
<thead>
<tr>
<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>
</tr>
<tr>
<td>West Virginia Overall</td>
<td>15.7</td>
<td>6.5</td>
</tr>
<tr>
<td>United States</td>
<td>Male: 10.8, Female: 12.9</td>
<td>Male: 8.8, Female: 1.6</td>
</tr>
<tr>
<td>West Virginia</td>
<td>Male: 13.9, Female: 17.5</td>
<td>Male: 10.6, Female: 2.6</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 West Virginia:

• Encourage starting HPV vaccination at age 9 to increase series completion by age 13.
• Offer training opportunities for healthcare providers, including physicians, nurses, and dental providers, on the importance of HPV vaccination. Utilize “We Are the Key” training and motivational interviewing techniques to improve provider-patient conversations about HPV vaccination.
• Oral health providers are key partners for recommending HPV vaccination in West Virginia. Regional trainings have demonstrated success for gaining dental providers’ recommendation of HPV vaccination for adolescent and young adult patients for cancer prevention.
• Implement client reminder and recall systems in health care settings to ensure that patients are reminded of and encouraged to complete the HPV vaccination series.
• Develop HPV vaccination communication materials specific to West Virginian audiences with parents, caregivers, patient advocates, health departments, universities, and other key partners in West Virginia.

