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.

A PATH TO PREVENTION:

State Profile: South Carolina

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:

- **≥1 HPV**: U.S. Overall = 76%, South Carolina = 70%
- **≥1 HPV UTD**: U.S. Overall = 63%, South Carolina = 54%

South Carolina has increased HPV vaccination coverage of ≥1 dose by 26% and up to date (UTD) by 25% 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. South Carolina vaccination rates among 13–17 year olds were 85% for meningitis vaccine and 94% 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: 76%
- Hispanic: 82%
- Other: 75%
- White, non-Hispanic: 68%

HPV Vaccination by Insurance Coverage

- Medicaid: 76%
- Private: 55%
- Other: 69%
- Uninsured: 48%

HPV Vaccination by Urbanicity

- MSA Principal City: 76%
- MSA Non-Principal City: 69%
- Non-MSA: 50%
- Boys: 65%
- Girls: 76%

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 South Carolina compared to the U.S. averages.

New Cases

<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>South Carolina Overall</td>
<td>13.8</td>
<td>6.1</td>
<td>7.6</td>
</tr>
<tr>
<td>United States</td>
<td>Male: 10.8, Female: 12.9</td>
<td>Male: 8.8, Female: 1.6</td>
<td>South Carolina ranks in the Top 15 Nationally in cervical cancer incidence rates.</td>
</tr>
<tr>
<td>South Carolina</td>
<td>Male: 12.5, Female: 15.0</td>
<td>Male: 10.5, Female: 2.3</td>
<td></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 South Carolina:

- Encourage starting HPV vaccination at age 9 to increase series completion by age 13.
- Promote making every visit a vaccination visit among health care providers
- Implement public awareness campaigns to promote HPV vaccination and address misinformation
- Offer motivational interviewing training for health care providers
- Expand offering HPV vaccination through combination educational approaches and mobile units


Medical University of South Carolina Hollings Cancer Center. (2023). HPV Vaccination. https://hollingscancercenter.musc.edu/outreach/hpv

LEARN MORE: VISIT STJUDE.ORG/HPV OR EMAIL PREVENTHPV@STJUDE.ORG