

# HPV Vaccination Data Sources

<i>Data Source</i>	<i>Owner</i>	<i>Access</i>	<i>Update Frequency</i>	<i>Geographic Detail</i>	<i>Advantages</i>	<i>Disadvantages</i>
<b><i>National Immunization Survey (NIS)</i></b>	CDC	CDC Website, teenvaxview	Annually	National, state, a few cities	<ul style="list-style-type: none"> <li>• Easiest to access</li> <li>• Demographic/subpopulation breakdowns</li> <li>• Frequently cited/used</li> <li>• Compare geographic details</li> </ul>	<ul style="list-style-type: none"> <li>• Survey with sampling error</li> <li>• No county/MSA level data</li> <li>• Updated annually</li> </ul>
<b><i>Immunization Information Systems (IIS)/ State Registries</i></b>	State Departments of Health (DoH)	State Immunization Program Manager or Registry Manager	Variable, ongoing and real time for most	State, county, zip code	<ul style="list-style-type: none"> <li>• High level of geographic detail</li> <li>• Provider level reports possible</li> <li>• Real time</li> </ul>	<ul style="list-style-type: none"> <li>• Capabilities &amp; accuracy vary by state</li> <li>• Availability</li> <li>• Provider reporting varies</li> </ul>
<b><i>Electronic Health Records (EHR)</i></b>	Health System (clinic, hospital, etc.)	IT/QI department at the health sys.	Real time	Patient population of the health sys.	<ul style="list-style-type: none"> <li>• Usually fairly accurate</li> <li>• Provider level reports possible</li> <li>• Real time</li> </ul>	<ul style="list-style-type: none"> <li>• Difficult to pull for some</li> <li>• Limited to patient pop.</li> <li>• Accuracy varies by HS</li> </ul>
<b><i>Vaccine Distribution/ Ordering</i></b>	Merck, CDC, State/Local DoH	CDC Quarterly HPV reports, State or Local reports, VTrckS	Quarterly, Monthly	National, state, County (maybe)	<ul style="list-style-type: none"> <li>• Precise</li> <li>• Updated frequently</li> <li>• Public ordering data available on local level</li> </ul>	<ul style="list-style-type: none"> <li>• Private ordering data not available on local level</li> <li>• Difficult to interpret and less meaningful than vaccination rate data</li> </ul>
<b><i>AFIX Report</i></b>	State DoH	State Immunization Program Manager or Registry Manager	Variable	Practice level	<ul style="list-style-type: none"> <li>• Widely available</li> <li>• Provider level reports possible</li> </ul>	<ul style="list-style-type: none"> <li>• Variable implementation across state/MSA</li> <li>• Sample size</li> </ul>
<b><i>Health Plan Claims</i></b>	Health Plan	Quality director or medical officer. Some plans make rates available online.	Variable	Region, state, county, zip code	<ul style="list-style-type: none"> <li>• Accurate</li> <li>• High level of geographic detail</li> <li>• Provider level reports possible</li> </ul>	<ul style="list-style-type: none"> <li>• Limited Availability</li> <li>• Can be technologically difficult</li> </ul>