

**Supplementary Table 2. Estimated vaccination coverage with selected vaccines and doses\* among adolescents aged 13–17 years† by HHS Region, state, selected local area, or territory — National Immunization Survey–Teen (NIS-Teen), United States, 2021**

Region, state, local area	% (95% CI) <sup>§</sup>			
	All adolescents (n= 18,002)			
	≥1 Tdap <sup>¶</sup>	≥1 MenACWY <sup>**</sup>	≥1 HPV <sup>††</sup>	HPV UTD <sup>§§</sup>
<b>United States overall</b>	<b>89.6 (88.6-90.5)</b>	<b>89.0 (87.9-90.0)</b>	<b>76.9 (75.6-78.2) ¶¶</b>	<b>61.7 (60.2-63.2) ¶¶</b>
<b>Region I</b>	<b>93.8 (91.2-95.7)</b>	<b>91.9 (89.2-94.0) ***</b>	<b>84.7 (81.7-87.4)</b>	<b>71.6 (67.7-75.2)</b>
Connecticut	93.9 (89.3-96.6)	94.9 (91.4-97.1)	77.9 (71.7-83.0)	66.4 (59.8-72.5)
Maine	89.7 (84.4-93.4)	88.2 (83.0-92.0) ***	77.5 (71.1-82.8)	61.5 (54.5-68.0)
Massachusetts	94.3 (88.2-97.4)	91.8 (85.7-95.5)	89.3 (83.0-93.4)	75.0 (67.3-81.4)
New Hampshire	94.9 (90.5-97.3)	88.1 (82.8-91.9)	84.6 (78.9-89.0)	72.3 (65.7-78.1)
Rhode Island	93.8 (87.2-97.1)	92.8 (86.3-96.3)	90.1 (83.2-94.3)	83.2 (76.1-88.6)
Vermont	94.2 (91.4-96.2)	88.8 (85.1-91.6)	83.4 (79.0-87.1)	66.7 (61.5-71.6)
<b>Region II</b>	<b>87.9 (84.7-90.5) ***</b>	<b>93.2 (90.6-95.1)</b>	<b>72.4 (68.2-76.2)</b>	<b>61.2 (56.8-65.4)</b>
New Jersey	88.9 (82.7-93.1)	91.8 (86.4-95.2)	65.4 (57.7-72.4)	54.8 (47.1-62.4)
New York	87.3 (83.4-90.4) ***	93.8 (90.8-95.9)	75.9 (70.8-80.4)	64.4 (59.1-69.4)
NY-City of New York	82.6 (76.3-87.4) ***	91.2 (86.2-94.5)	80.0 (73.3-85.3)	70.3 (63.3-76.5)
NY-Rest of State	90.5 (85.1-94.0)	95.6 (91.0-97.9)	73.2 (65.8-79.5)	60.5 (53.0-67.5)
<b>Region III</b>	<b>89.7 (87.7-91.4) ***</b>	<b>91.4 (89.4-93.0)</b>	<b>79.1 (76.5-81.5)</b>	<b>67.8 (64.8-70.6) ¶¶</b>
Delaware	89.6 (85.0-93.0)	90.8 (86.3-93.9)	83.5 (77.7-88.0)	68.9 (62.3-74.8)
Dist. of Columbia	87.3 (82.2-91.1)	90.2 (85.5-93.6)	89.6 (85.1-92.9)	79.4 (73.5-84.4)
Maryland	89.5 (86.4-91.9)	93.7 (91.1-95.5)	85.5 (82.1-88.4)	71.9 (67.5-76.0)
Pennsylvania	91.1 (88.2-93.4) ***	92.8 (90.0-94.9)	77.7 (73.4-81.5)	68.7 (64.2-73.0)
PA-Philadelphia	88.9 (83.8-92.6)	92.6 (88.0-95.6)	87.1 (81.8-91.1)	74.2 (67.8-79.8)
PA-Rest of State	91.4 (88.1-93.9) ***	92.8 (89.6-95.1)	76.4 (71.6-80.7)	68.0 (62.9-72.7)
Virginia	88.3 (82.5-92.4)	88.0 (82.3-92.1)	77.3 (70.6-82.9)	64.9 (57.6-71.5)
West Virginia	88.4 (83.6-92.0)	90.7 (85.6-94.1)	70.5 (63.7-76.5) ¶¶	56.4 (49.2-63.3) ¶¶
<b>Region IV</b>	<b>91.0 (88.8-92.8)</b>	<b>84.9 (82.3-87.2)</b>	<b>74.7 (71.7-77.5)</b>	<b>56.6 (53.3-59.9)</b>
Alabama	91.2 (85.8-94.6)	88.3 (82.9-92.1)	78.5 (72.4-83.6) ¶¶	62.5 (55.6-68.8)
Florida	89.7 (83.1-93.9)	76.9 (69.3-83.1)	67.7 (59.5-74.9)	49.0 (40.7-57.2)
Georgia	92.7 (87.1-95.9)	92.5 (86.8-95.9)	78.6 (71.6-84.3)	60.9 (52.8-68.4)
Kentucky	83.5 (76.5-88.7) ***	87.7 (81.5-92.1) ***	70.3 (62.4-77.1)	57.0 (49.0-64.8)
Mississippi	89.1 (83.5-92.9)	60.2 (53.1-66.9)	56.2 (49.2-63.1)	32.7 (26.5-39.6)
North Carolina	94.5 (88.9-97.4)	93.3 (87.6-96.5)	85.0 (78.2-90.0)	67.8 (59.6-75.0)
South Carolina	91.1 (86.1-94.4)	86.3 (80.6-90.5)	81.8 (75.9-86.5) ¶¶	62.1 (54.7-69.0) ¶¶

Tennessee	92.0 (87.3-95.0)	88.1 (82.9-91.9)	75.3 (68.9-80.8)	56.5 (49.4-63.3)
<b>Region V</b>	<b>89.4 (87.3-91.1) ***</b>	<b>91.6 (89.7-93.3)</b>	<b>76.5 (73.7-79.1)</b>	<b>62.2 (59.3-65.1)</b>
Illinois	89.5 (85.7-92.4)	94.7 (92.0-96.5)	76.6 (71.8-80.7)	62.2 (56.9-67.1)
IL-City of Chicago	88.9 (79.7-94.3)	90.0 (80.3-95.2)	82.9 (71.6-90.4)	70.4 (59.0-79.7)
IL-Rest of State	89.6 (85.3-92.8)	95.7 (92.9-97.4)	75.2 (69.7-79.9)	60.4 (54.5-66.0)
Indiana	87.9 (82.1-91.9) ***	91.3 (85.9-94.8)	72.1 (65.2-78.0)	55.2 (48.0-62.2)
Michigan	85.4 (79.0-90.1)	89.7 (83.6-93.7) ***	79.0 (72.6-84.2)	64.7 (57.6-71.2)
Minnesota	90.5 (85.0-94.1)	91.3 (86.1-94.6)	79.9 (73.2-85.2)	65.7 (58.4-72.3)
Ohio	90.8 (84.4-94.8)	90.3 (83.5-94.5)	72.4 (63.6-79.8)	62.2 (53.5-70.1)
Wisconsin	93.5 (89.5-96.1)	91.7 (87.3-94.6)	82.4 (76.8-86.8)	63.3 (56.7-69.4)
<b>Region VI</b>	<b>88.1 (85.3-90.4)</b>	<b>89.9 (87.3-92.0)</b>	<b>72.9 (69.1-76.4)</b>	<b>53.8 (49.8-57.8)</b>
Arkansas	94.9 (90.8-97.2)	96.1 (93.0-97.9)	73.2 (67.2-78.5)	56.8 (50.2-63.1)
Louisiana	93.1 (88.4-96.0)	93.7 (89.6-96.3)	81.1 (75.1-86.0)	63.9 (56.9-70.4)
New Mexico	87.8 (82.5-91.7)	84.6 (79.4-88.7)	80.9 (75.4-85.5)	57.9 (51.5-64.1)
Oklahoma	85.4 (79.4-89.9)	82.7 (76.9-87.3)	72.4 (65.4-78.5)	56.7 (49.3-63.8) ¶¶
Texas	87.1 (83.1-90.3)	90.0 (86.3-92.7)	71.3 (66.0-76.1)	51.5 (46.0-56.9)
TX-Bexar County	84.3 (78.6-88.7)	90.5 (85.8-93.8)	77.3 (70.9-82.7)	59.7 (52.4-66.6)
TX-City of Houston	86.0 (76.9-91.9)	93.1 (86.4-96.6)	79.9 (70.8-86.7)	62.2 (52.0-71.4)
TX-Rest of State	87.4 (82.8-90.9)	89.7 (85.4-92.8)	70.1 (64.0-75.6)	50.0 (43.8-56.2)
<b>Region VII</b>	<b>90.2 (87.6-92.4)</b>	<b>90.4 (87.8-92.5) ¶¶</b>	<b>77.9 (74.4-81.0) ¶¶</b>	<b>62.2 (58.3-66.0) ¶¶</b>
Iowa	92.3 (86.1-95.9)	95.0 (88.7-97.9)	79.2 (70.8-85.7)	66.1 (56.9-74.1)
Kansas	87.8 (81.7-92.1)	86.0 (79.8-90.5)	76.5 (69.6-82.3) ¶¶	64.3 (56.8-71.1) ¶¶
Missouri	89.6 (84.6-93.1)	90.4 (85.7-93.7)	76.2 (70.0-81.5)	59.3 (52.5-65.7)
Nebraska	92.3 (88.0-95.1)	89.7 (84.9-93.1)	82.7 (76.8-87.3)	61.9 (54.8-68.6)
<b>Region VIII</b>	<b>91.6 (89.0-93.6)</b>	<b>88.2 (85.2-90.6)</b>	<b>80.0 (76.7-82.9)</b>	<b>65.0 (61.1-68.7) ¶¶</b>
Colorado	90.2 (84.7-93.8)	84.8 (78.5-89.5)	80.0 (73.6-85.2)	69.2 (62.1-75.5)
Montana	88.8 (83.6-92.5)	77.1 (70.7-82.5)	75.3 (68.9-80.7)	52.6 (45.8-59.3)
North Dakota	94.9 (90.0-97.5)	95.5 (90.9-97.8)	83.8 (76.4-89.2)	72.2 (63.7-79.3)
South Dakota	95.6 (92.3-97.5)	96.6 (94.3-98.0)	87.4 (82.8-90.9)	74.7 (69.2-79.6)
Utah	92.9 (88.3-95.8)	94.0 (90.0-96.5)	80.9 (75.2-85.6) ¶¶	61.4 (54.1-68.2) ¶¶
Wyoming	89.8 (83.9-93.7)	75.9 (68.7-81.8)	64.8 (56.9-71.9)	48.0 (40.5-55.7)
<b>Region IX</b>	<b>89.2 (84.4-92.7)</b>	<b>87.5 (81.8-91.5)</b>	<b>81.3 (75.3-86.2)</b>	<b>67.2 (60.6-73.1)</b>
Arizona	89.4 (84.9-92.7)	88.8 (83.6-92.5)	81.3 (75.6-85.9) ¶¶	61.7 (54.6-68.3) ¶¶
California	89.1 (82.6-93.3)	87.0 (79.5-92.1)	81.7 (73.7-87.7)	69.0 (60.5-76.4)
Hawaii	88.6 (83.2-92.5)	88.0 (82.1-92.1)	83.8 (77.8-88.4)	69.3 (62.3-75.5)
Nevada	91.2 (85.8-94.6)	89.5 (84.1-93.2)	76.1 (69.3-81.7)	56.5 (49.1-63.5)
<b>Region X</b>	<b>86.9 (83.6-89.6)</b>	<b>84.6 (81.3-87.3)</b>	<b>79.4 (75.8-82.6)</b>	<b>66.0 (61.9-69.9) ¶¶</b>
Alaska	81.7 (75.3-86.8)	75.2 (68.5-81.0)	70.3 (62.9-76.7)	56.2 (48.8-63.3)
Idaho	89.4 (84.1-93.1)	89.1 (83.7-92.9)	78.8 (72.9-83.7)	61.6 (54.8-67.9)
Oregon	85.6 (79.6-90.1)	82.4 (76.4-87.1)	82.3 (76.3-87.0)	67.0 (60.0-73.4)

Washington	87.4 (81.6-91.5)	85.4 (79.8-89.6)	79.0 (72.8-84.1)	67.8 (61.0-74.0)
<b>Range<sup>†††</sup></b>	<b>81.7 to 95.6</b>	<b>60.2 to 96.6</b>	<b>56.2 to 90.1</b>	<b>32.7 to 83.2</b>
<b>Territory</b>				
Guam	72.7 (64.7-79.4)	71.0 (62.9-77.9)	70.0 (62.2-76.8)	54.0 (45.9-61.8)
Puerto Rico	85.4 (80.5-89.3) ¶¶	88.0 (83.2-91.5) ¶¶	86.1 (81.4-89.8) ¶¶	67.2 (60.7-73.1) ¶¶
U.S. Virgin Islands	81.5 (73.7-87.4)	82.9 (75.4-88.5)	71.8 (63.2-79.1)	45.5 (36.6-54.6)

**Abbreviations:** CI = confidence interval; HHS = U.S. Department of Health and Human Services; HPV = human papillomavirus; MenACWY = quadrivalent meningococcal conjugate vaccine; MMR = measles, mumps, rubella vaccine; Tdap = tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis vaccine; UTD = up-to-date.

\* [Estimates for additional measures, including MMR, hepatitis B, and varicella vaccines are available at:](http://www.cdc.gov/vaccines/vaxview/teenvaxview)

<http://www.cdc.gov/vaccines/vaxview/teenvaxview>

† Adolescents (N = 18,002) in the 2021 NIS-Teen were born January 2003 through January 2009.

§ Estimates with 95% confidence intervals > 20 may not be reliable.

¶ ≥1 dose Tdap vaccine at age ≥10 years.

\*\* ≥1 dose of MenACWY or meningococcal-unknown type vaccine.

†† HPV vaccine, nine-valent (9vHPV), quadrivalent (4vHPV), or bivalent (2vHPV) in females and males combined.

§§ HPV UTD includes those with ≥3 doses, and those with 2 doses when the first HPV vaccine dose was initiated before age 15 years and there was at least 5 months minus 4 days between the first and second dose (<https://www.cdc.gov/vaccines/programs/iis/cdsi.html>). This update to the HPV recommendation occurred in December 2016.

¶¶ Statistically significant ( $p < 0.05$ ) percentage point increase from 2020.

\*\*\* Statistically significant ( $p < 0.05$ ) percentage point decrease from 2020.

††† Range excludes selected local areas and territories.