

**SUPPLEMENTARY TABLE 1. Estimated vaccination coverage with selected vaccines and doses\* among adolescents aged 13–17 years (N = 16,043)<sup>†</sup> by HHS Region, state, selected local area, or territory — National Immunization Survey–Teen (NIS-Teen), United States, 2022**

Region, state, local area	Vaccination coverage, % (95% CI) <sup>§</sup>			
	≥1 Tdap <sup>¶</sup>	≥1 MenACWY <sup>**</sup>	≥1 HPV <sup>††</sup>	HPV UTD <sup>§§</sup>
<b>United States overall</b>	<b>89.9 (88.9–90.9)</b>	<b>88.6 (87.6–89.6)</b>	<b>76.0 (74.7–77.3)</b>	<b>62.6 (61.1–64.0)</b>
<b>Region I</b>	<b>93.7 (91.4–95.4)</b>	<b>93.5 (90.9–95.3)</b>	<b>84.2 (81.0–87.1)</b>	<b>75.1 (71.4–78.4)</b>
Connecticut	92.7 (87.7–95.8)	92.4 (86.7–95.8)	80.0 (73.1–85.4)	71.9 (64.6–78.1)
Maine	94.4 (90.1–96.9)	96.3 (93.0–98.0) <sup>¶¶</sup>	77.9 (71.4–83.2)	66.2 (59.4–72.4)
Massachusetts	94.1 (89.5–96.8)	93.9 (88.7–96.8)	85.6 (79.3–90.3)	77.1 (70.1–82.9)
New Hampshire	92.8 (87.9–95.8)	90.5 (84.7–94.2)	85.7 (79.6–90.3)	76.2 (69.4–82.0)
Rhode Island	95.1 (91.3–97.3)	96.2 (92.4–98.1)	94.6 (90.7–96.9)	85.2 (78.8–89.9)
Vermont	92.1 (87.0–95.3)	91.2 (86.4–94.5)	88.0 (82.6–91.8)	71.9 (65.1–77.9)
<b>Region II</b>	<b>88.9 (85.9–91.3)</b>	<b>94.7 (92.5–96.2)</b>	<b>79.6 (76.0–82.8)<sup>¶¶</sup></b>	<b>68.3 (64.3–72.1)<sup>¶¶</sup></b>
New Jersey	86.0 (80.0–90.4)	91.0 (86.1–94.4)	75.5 (68.6–81.2) <sup>¶¶</sup>	63.7 (56.3–70.4)
New York	90.4 (86.9–93.0)	96.5 (94.2–97.9)	81.8 (77.5–85.4)	70.7 (65.9–75.1)
NY-City of New York	91.7 (86.1–95.2) <sup>¶¶</sup>	95.7 (90.6–98.1)	84.3 (77.8–89.2)	73.3 (65.9–79.7)
NY-Rest of State	89.5 (84.6–93.0)	97.1 (94.4–98.5)	80.1 (74.2–84.9)	69.0 (62.5–74.8)
<b>Region III</b>	<b>91.4 (89.4–93.1)</b>	<b>91.2 (89.3–92.8)</b>	<b>78.3 (75.5–80.8)</b>	<b>66.0 (63.0–68.9)</b>
Delaware	88.2 (81.8–92.6)	89.3 (82.7–93.5)	84.2 (77.8–89.0)	68.2 (60.5–74.9)
Dist. of Columbia	89.7 (84.1–93.5)	92.9 (88.4–95.7)	86.5 (80.0–91.2)	77.8 (69.8–84.2)
Maryland	89.0 (82.0–93.5)	92.4 (86.4–95.9)	84.0 (77.0–89.2)	72.0 (64.2–78.7)
Pennsylvania	93.9 (90.7–96.1)	94.5 (91.7–96.4)	76.4 (71.5–80.6)	66.7 (61.7–71.4)
PA-Philadelphia	93.2 (88.1–96.2)	93.1 (87.6–96.3)	91.1 (85.0–94.8)	75.0 (67.6–81.2)
PA-Rest of State	94.0 (90.4–96.4)	94.7 (91.5–96.7)	74.5 (69.0–79.2)	65.6 (60.1–70.8)
Virginia	89.7 (85.9–92.6)	85.0 (80.7–88.6)	77.5 (72.6–81.7)	62.7 (57.4–67.7)
West Virginia	92.7 (88.5–95.4)	94.2 (90.0–96.7)	69.9 (62.8–76.2)	51.5 (44.2–58.7)
<b>Region IV</b>	<b>92.3 (90.8–93.6)</b>	<b>86.9 (84.7–88.8)</b>	<b>72.5 (69.8–75.1)</b>	<b>57.7 (54.6–60.7)</b>
Alabama	93.4 (89.0–96.1)	84.4 (78.9–88.6)	76.8 (70.5–82.0)	59.2 (52.2–65.9)
Florida	96.0 (93.2–97.6) <sup>¶¶</sup>	86.9 (80.8–91.3) <sup>¶¶</sup>	75.6 (68.5–81.5)	58.9 (51.2–66.2)
Georgia	91.1 (86.0–94.5)	93.0 (88.1–95.9)	70.8 (64.0–76.8)	61.5 (54.5–67.9)
Kentucky	86.4 (79.9–91.0)	90.4 (84.5–94.2)	66.4 (59.3–72.8)	55.0 (47.9–61.9)
Mississippi	87.0 (80.3–91.6)	55.5 (47.1–63.5)	61.0 (52.8–68.6)	38.5 (30.7–46.9)
North Carolina	91.2 (86.3–94.5)	92.8 (87.9–95.8)	73.1 (66.4–78.9) <sup>***</sup>	54.8 (47.9–61.5) <sup>***</sup>
South Carolina	93.6 (88.4–96.5)	85.3 (79.0–89.9)	69.9 (62.3–76.6) <sup>***</sup>	54.4 (46.8–61.7)
Tennessee	90.6 (84.6–94.4)	82.9 (76.2–88.0)	74.1 (66.7–80.3)	64.4 (56.5–71.6)
<b>Region V</b>	<b>92.8 (91.0–94.2)<sup>¶¶</sup></b>	<b>92.5 (90.7–94.0)</b>	<b>78.9 (76.3–81.3)</b>	<b>64.3 (61.3–67.1)</b>
Illinois	93.6 (90.3–95.9)	93.9 (90.7–96.0)	80.3 (75.4–84.4)	65.7 (60.3–70.7)
IL-City of Chicago	90.5 (85.2–94.1)	89.1 (82.6–93.4)	83.0 (75.4–88.6)	69.2 (60.9–76.4)
IL-Rest of State	94.3 (90.1–96.8)	94.9 (91.0–97.2)	79.7 (73.9–84.5)	64.9 (58.5–70.8)
Indiana	94.2 (90.1–96.6) <sup>¶¶</sup>	92.8 (88.1–95.7)	75.5 (68.4–81.4)	59.6 (52.2–66.6)
Michigan	92.7 (88.0–95.7) <sup>¶¶</sup>	91.2 (85.2–94.9)	76.3 (69.1–82.3)	62.2 (54.3–69.6)
Minnesota	93.8 (90.0–96.2)	94.6 (90.8–96.9)	86.9 (82.3–90.5)	68.6 (62.1–74.5)
Ohio	91.7 (86.0–95.2)	92.1 (86.1–95.6)	76.8 (69.1–83.1)	62.7 (54.7–70.1)
Wisconsin	90.2 (85.0–93.7)	90.3 (85.0–93.8)	80.5 (73.8–85.8)	69.0 (61.9–75.4)
<b>Region VI</b>	<b>86.9 (83.3–89.8)</b>	<b>87.0 (83.6–89.8)</b>	<b>71.8 (67.4–75.9)</b>	<b>58.2 (53.6–62.7)</b>
Arkansas	93.6 (90.2–95.9)	95.4 (92.2–97.3)	74.7 (68.8–79.8)	55.7 (49.1–62.1)
Louisiana	94.1 (89.8–96.7)	90.4 (85.2–93.9)	79.8 (73.8–84.8)	67.3 (60.6–73.5)
New Mexico	84.1 (77.6–89.0)	84.4 (78.1–89.2)	79.4 (72.8–84.8)	60.8 (53.3–67.7)
Oklahoma	89.6 (84.6–93.1)	82.2 (75.8–87.3)	69.1 (61.7–75.7)	46.2 (38.7–53.8)

Texas	85.0 (79.9–89.0)	86.5 (81.6–90.2)	70.3 (64.0–75.8)	58.5 (52.1–64.6)
TX-Bexar County	88.1 (81.6–92.5)	91.2 (85.4–94.9)	75.9 (68.1–82.3)	63.6 (55.3–71.1)
TX-City of Houston	89.1 (81.1–94.0)	87.4 (79.3–92.6)	81.0 (72.1–87.6)	63.2 (52.6–72.8)
TX-Rest of State	84.5 (78.6–89.0)	86.0 (80.4–90.2)	69.0 (61.9–75.4)	57.8 (50.5–64.7)
<b>Region VII</b>	<b>91.4 (89.0–93.4)</b>	<b>90.7 (88.0–92.8)</b>	<b>78.0 (74.5–81.1)</b>	<b>64.2 (60.3–67.9)</b>
Iowa	97.3 (91.0–99.2)	97.9 (94.0–99.3)	87.9 (81.5–92.2)	74.9 (67.1–81.4)
Kansas	89.2 (83.7–93.0)	85.9 (80.0–90.3)	73.4 (67.0–79.1)	60.7 (53.8–67.1)
Missouri	90.0 (85.2–93.3)	90.1 (84.6–93.7)	74.0 (67.2–79.8)	59.8 (52.6–66.6)
Nebraska	90.1 (84.9–93.6)	88.3 (82.5–92.4)	81.1 (74.3–86.4)	65.4 (58.1–72.1)
<b>Region VIII</b>	<b>92.6 (90.3–94.3)</b>	<b>86.9 (84.3–89.2)</b>	<b>77.2 (73.9–80.2)</b>	<b>61.8 (58.2–65.3)</b>
Colorado	92.4 (88.6–95.0)	83.6 (78.7–87.6)	79.7 (74.3–84.2)	65.7 (59.7–71.3)
Montana	89.6 (84.5–93.2)	81.6 (75.6–86.4)	81.8 (76.0–86.4)	60.3 (53.4–66.8)
North Dakota	93.8 (89.1–96.6)	96.0 (91.9–98.0)	82.9 (76.3–88.0)	74.4 (67.3–80.5)
South Dakota	93.5 (88.6–96.4)	93.0 (88.0–96.0)	79.0 (72.1–84.6)***	68.3 (60.8–74.9)
Utah	93.5 (87.9–96.6)	91.5 (85.8–95.0)	73.0 (65.6–79.3)	55.2 (47.7–62.5)
Wyoming	89.1 (83.7–92.8)	73.2 (66.0–79.4)	65.5 (58.0–72.3)	49.2 (41.9–56.6)
<b>Region IX</b>	<b>83.7 (78.5–87.8)</b>	<b>82.7 (77.7–86.8)</b>	<b>73.3 (67.9–78.1)***</b>	<b>61.1 (55.5–66.4)</b>
Arizona	85.2 (78.9–89.8)	86.7 (80.8–91.0)	76.5 (69.9–81.9)	62.1 (54.8–68.8)
California	82.7 (76.0–87.9)	81.5 (75.0–86.6)	72.2 (65.2–78.2)	60.6 (53.4–67.4)
Hawaii	90.6 (85.8–94.0)	88.9 (83.4–92.7)	86.4 (80.4–90.7)	74.2 (67.3–80.1)
Nevada	89.2 (83.9–92.9)	85.9 (80.0–90.3)	75.0 (68.3–80.7)	59.5 (52.2–66.4)
<b>Region X</b>	<b>92.4 (90.1–94.1)<sup>¶¶</sup></b>	<b>87.0 (83.9–89.6)</b>	<b>83.0 (79.6–85.9)</b>	<b>68.2 (63.9–72.2)</b>
Alaska	83.0 (76.0–88.2)	81.3 (74.5–86.6)	76.1 (68.9–82.1)	57.8 (49.9–65.4)
Idaho	89.9 (84.1–93.8)	90.5 (84.4–94.4)	80.8 (74.4–85.9)	66.9 (59.4–73.6)
Oregon	90.7 (86.1–93.9)	80.3 (73.8–85.4)	80.7 (74.4–85.8)	65.6 (58.5–72.0)
Washington	94.9 (91.3–97.1) <sup>¶¶</sup>	90.1 (85.1–93.6)	85.4 (79.9–89.7)	71.1 (63.9–77.3)
<b>Range<sup>†††</sup></b>	<b>82.7–97.3</b>	<b>55.5–97.9</b>	<b>61.0–94.6</b>	<b>38.5–85.2</b>
<b>Territory</b>				
Guam	72.6 (64.3–79.5)	65.2 (56.6–72.9)	69.8 (61.5–77.0)	44.6 (36.7–52.7)
Puerto Rico	85.5 (81.6–88.6)	89.8 (86.5–92.4)	88.4 (84.9–91.1)	70.3 (65.5–74.7)
U.S. Virgin Islands	NA	NA	NA	NA

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

\* Estimates for additional measures, including MMR, hepatitis B, and varicella vaccines are available at:

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

† Adolescents (N = 16,043) in the 2022 NIS-Teen were born January 2004 through January 2010.

§ 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 2021.

\*\*\* Statistically significant (p<0.05) percentage point decrease from 2021.

††† Range excludes selected local areas and territories.