

SUPPLEMENTARY TABLE 1. 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, 2020

Region, state, local area	% (95% CI) [§]			
	All adolescents (n= 20,163)			
	≥1 Tdap [¶]	≥1 MenACWY ^{**}	≥1 HPV ^{††}	HPV UTD ^{§§}
United States overall	90.1 (89.2–90.9)	89.3 (88.4–90.2)	75.1 (73.9–76.2)^{¶¶}	58.6 (57.3–60.0)^{¶¶}
Region I	93.6 (91.6–95.1)	95.1 (93.6–96.2)	84.9 (82.4–87.0)^{¶¶}	71.0 (67.8–74.0)
Connecticut	94.0 (89.6–96.5)	94.9 (91.5–97.0)	82.2 (76.6–86.6) ^{¶¶}	66.9 (60.5–72.7) ^{¶¶}
Maine	93.3 (89.4–95.9)	93.7 (90.2–96.0)	74.4 (68.8–79.3) ^{¶¶}	63.5 (57.5–69.1) ^{¶¶}
Massachusetts	93.0 (88.9–95.6)	96.4 (93.3–98.1)	87.4 (83.1–90.8)	73.4 (67.6–78.5)
New Hampshire	94.5 (91.4–96.5)	91.1 (87.5–93.7)	82.5 (77.5–86.6)	68.8 (63.1–73.9)
Rhode Island	94.4 (90.0–96.9)	96.2 (92.2–98.2)	93.0 (88.4–95.9)	83.0 (76.9–87.7)
Vermont	95.1 (92.4–96.9)	91.0 (86.8–94.0)	87.0 (82.3–90.6)	70.5 (64.5–75.8)
Region II	93.5 (91.3–95.2)	94.5 (92.5–96.1)	77.1 (73.7–80.2)^{¶¶}	65.3 (61.5–68.9)^{¶¶}
New Jersey	94.5 (90.2–97.0)	96.2 (93.5–97.8) ^{¶¶}	73.1 (67.1–78.4)	59.7 (53.1–66.0)
New York	93.0 (90.2–95.1)	93.7 (90.8–95.7)	79.1 (74.9–82.8) ^{¶¶}	68.1 (63.5–72.4) ^{¶¶}
NY–City of New York	91.6 (87.2–94.6)	93.2 (88.6–96.1)	81.0 (74.9–86.0)	68.1 (61.4–74.1)
NY–Rest of State	93.9 (89.7–96.5)	94.0 (89.8–96.5)	77.9 (72.0–82.8)	68.1 (61.8–73.8) ^{¶¶}
Region III	92.3 (90.7–93.7)	91.4 (89.5–93.0)	77.1 (74.3–79.8)	62.6 (59.4–65.7)
Delaware	85.4 (79.7–89.7)	89.8 (85.2–93.1)	78.0 (72.0–83.0)	63.2 (56.6–69.2)
Dist. of Columbia	85.8 (79.9–90.2)	91.8 (86.8–95.0)	87.4 (81.7–91.6)	72.3 (65.1–78.5)
Maryland	90.2 (86.9–92.7)	94.0 (91.4–95.8)	83.1 (79.2–86.5)	66.8 (61.9–71.3)
Pennsylvania	95.2 (92.5–96.9)	95.5 (92.4–97.3)	78.4 (73.0–83.0)	67.1 (61.2–72.5)
PA–Philadelphia	90.1 (84.7–93.8)	93.5 (88.4–96.4)	84.8 (78.3–89.5)	75.3 (68.2–81.2)
PA–Rest of State	95.8 (92.7–97.7)	95.7 (92.2–97.7)	77.6 (71.4–82.7)	66.0 (59.4–72.0)
Virginia	90.9 (86.5–94.0)	84.0 (78.7–88.1)	73.7 (67.7–79.0)	56.4 (50.0–62.5)
West Virginia	92.2 (87.7–95.2)	91.4 (86.9–94.4)	59.7 (53.2–65.9)	43.4 (37.1–49.8)
Region IV	89.8 (87.6–91.6)^{***}	85.7 (83.5–87.7)	71.3 (68.6–73.9)^{¶¶}	52.8 (49.9–55.8)
Alabama	92.1 (87.5–95.1)	82.7 (76.8–87.2)	67.3 (60.7–73.3)	52.9 (46.3–59.4)
Florida	86.1 (79.6–90.8) ^{***}	80.0 (73.3–85.4)	68.3 (61.3–74.6)	51.6 (44.4–58.7)
Georgia	90.8 (85.4–94.3)	96.2 (92.6–98.1)	73.1 (66.2–79.0)	54.9 (47.7–62.0)
Kentucky	93.7 (89.7–96.2)	94.2 (89.9–96.7)	75.6 (69.0–81.3)	55.7 (48.3–62.9)
Mississippi	93.0 (88.9–95.6)	63.5 (56.4–70.0)	55.2 (48.2–61.9)	31.9 (25.9–38.5)
North Carolina	92.5 (87.3–95.7)	94.4 (90.1–96.8)	80.3 (74.1–85.3) ^{¶¶}	60.7 (53.4–67.5) ^{¶¶}
South Carolina	89.2 (83.6–93.0)	78.7 (72.5–83.8) ^{***}	70.1 (63.7–75.9)	47.0 (40.2–53.8)
Tennessee	88.8 (84.0–92.3)	83.2 (77.7–87.5)	71.7 (65.7–77.0) ^{¶¶}	52.9 (46.3–59.4)
Region V	92.5 (91.1–93.7)	93.6 (92.2–94.7)	76.5 (74.2–78.6)^{¶¶}	59.8 (57.1–62.4)^{¶¶}
Illinois	91.4 (88.2–93.8)	92.5 (89.5–94.6)	75.9 (71.0–80.2)	63.1 (57.9–68.1) ^{¶¶}
IL–City of Chicago	88.2 (81.4–92.8)	89.7 (83.4–93.8)	86.3 (79.9–91.0)	72.3 (64.2–79.1)
IL–Rest of State	92.1 (88.3–94.7)	93.0 (89.6–95.4)	73.7 (67.9–78.8)	61.2 (55.1–67.0)
Indiana	94.4 (90.9–96.6)	94.9 (91.4–97.0)	73.6 (67.3–79.0)	53.4 (46.4–60.2) ^{¶¶}
Michigan	91.9 (87.5–94.8)	95.7 (92.3–97.6)	76.9 (71.4–81.7)	61.3 (55.1–67.2)
Minnesota	92.8 (88.3–95.6)	94.3 (90.5–96.7) ^{¶¶}	81.0 (75.0–85.8)	69.2 (62.5–75.1) ^{¶¶}
Ohio	93.4 (90.0–95.7)	93.4 (89.7–95.9)	75.5 (69.5–80.7)	53.2 (46.4–59.8)
Wisconsin	91.6 (86.8–94.7)	90.2 (85.4–93.6)	77.8 (71.6–83.0)	61.5 (54.4–68.0)
Region VI	85.7 (82.8–88.3)	90.0 (87.9–91.7)^{¶¶}	72.5 (69.2–75.6)^{¶¶}	54.5 (50.8–58.1)^{¶¶}
Arkansas	94.2 (90.5–96.5)	93.8 (89.3–96.5)	70.9 (64.3–76.8)	49.6 (42.6–56.5)
Louisiana	92.1 (87.9–94.9)	90.1 (84.9–93.7)	75.3 (69.1–80.5)	60.4 (53.6–66.8)
New Mexico	89.3 (84.9–92.6)	85.2 (80.1–89.2)	77.4 (71.9–82.0)	59.2 (53.0–65.1)
Oklahoma	83.8 (78.3–88.2)	80.0 (74.2–84.7)	65.5 (59.3–71.2)	45.8 (39.4–52.3)
Texas	84.0 (79.9–87.5)	91.2 (88.3–93.4) ^{¶¶}	72.8 (68.2–77.0) ^{¶¶}	54.9 (49.9–59.9) ^{¶¶}
TX–Bexar County	87.2 (82.1–90.9)	90.6 (86.3–93.7)	75.7 (69.6–80.9)	60.7 (54.2–66.9) ^{¶¶}

TX–City of Houston	87.6 (80.9–92.1)	89.2 (82.6–93.5)	77.1 (69.2–83.5)	61.0 (52.7–68.6)
TX–Rest of State	83.5 (78.7–87.4)	91.4 (88.0–93.8) ^{¶¶}	72.3 (67.0–77.0) ^{¶¶}	54.0 (48.3–59.7)
Region VII	87.9 (85.3–90.2)	86.4 (83.7–88.7)	71.3 (67.9–74.4)	56.6 (53.0–60.1)
Iowa	91.4 (87.3–94.3)	90.7 (86.1–93.9)	74.2 (67.8–79.7)	60.3 (53.4–66.8)
Kansas	89.4 (84.6–92.8)	83.3 (77.8–87.7)	63.3 (57.0–69.3)	53.3 (46.9–59.6)
Missouri	84.2 (78.6–88.6)	85.3 (79.9–89.5)	69.9 (63.5–75.6)	53.6 (46.9–60.1)
Nebraska	91.3 (87.3–94.1)	87.3 (82.5–91.0)	82.6 (77.5–86.8) ^{¶¶}	64.8 (58.9–70.3)
Region VIII	90.2 (87.8–92.3)	87.6 (85.0–89.8)	76.2 (72.9–79.1)	58.3 (54.6–61.9)
Colorado	90.0 (85.1–93.4)	87.3 (82.1–91.2)	81.6 (76.1–86.0)	66.4 (59.9–72.4)
Montana	87.0 (80.7–91.4)	75.8 (69.3–81.4)	73.7 (67.1–79.4) ^{¶¶}	54.4 (47.6–61.0)
North Dakota	91.0 (85.9–94.4) ^{***}	93.8 (89.7–96.3)	79.8 (74.2–84.5) ^{***}	70.3 (64.0–76.0)
South Dakota	91.5 (86.8–94.6)	94.2 (90.6–96.5) ^{¶¶}	84.5 (79.7–88.4) ^{¶¶}	71.5 (65.4–76.9) ^{¶¶}
Utah	91.3 (86.7–94.4)	90.3 (85.5–93.6)	68.6 (61.6–74.8)	45.0 (38.1–52.1)
Wyoming	87.7 (82.2–91.7)	73.3 (66.9–78.9)	64.6 (57.8–70.8)	44.8 (38.3–51.4)
Region IX	88.9 (84.8–92.0)	85.5 (80.8–89.2)	76.8 (71.9–81.0)	60.3 (54.9–65.5)
Arizona	86.6 (81.5–90.4)	87.3 (82.2–91.1)	70.7 (64.4–76.3)	51.4 (45.0–57.7)
California	89.6 (84.2–93.3)	85.0 (78.9–89.5)	78.2 (71.8–83.4)	62.3 (55.4–68.8)
Hawaii	83.7 (77.7–88.3)	86.0 (80.6–90.1)	84.9 (79.4–89.1)	73.9 (67.6–79.4)
Nevada	86.9 (81.0–91.1)	87.2 (81.4–91.4)	70.1 (63.3–76.1)	50.1 (43.4–56.8)
Region X	89.2 (86.3–91.5)	87.4 (84.4–89.9)	75.2 (71.4–78.6)	58.9 (54.8–62.8)
Alaska	85.8 (80.2–90.0)	77.7 (71.0–83.2)	71.9 (65.0–77.8)	54.9 (47.8–61.8)
Idaho	87.0 (81.7–90.9)	88.7 (83.8–92.2)	72.5 (66.4–77.8)	54.5 (47.9–61.0) ^{¶¶}
Oregon	87.4 (82.0–91.4)	87.5 (82.4–91.2)	78.5 (72.7–83.4)	61.6 (55.0–67.8)
Washington	91.1 (86.2–94.4)	88.1 (82.7–91.9)	74.6 (68.1–80.1)	59.0 (52.2–65.5)
Range^{†††}	(83.7 – 95.2)	(63.5 – 96.4)	(55.2 – 93.0)	(31.9 – 83.0)
Territory				
Guam	74.5 (68.0–80.0)	70.4 (63.6–76.3)	68.3 (61.5–74.4)	47.4 (40.7–54.2)
Puerto Rico	70.0 (58.5–79.4) ^{***}	77.2 (66.5–85.2) ^{***}	69.9 (58.5–79.4)	49.8 (38.6–61.1)

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>

† Adolescents (N = 20,163) in the 2020 NIS–Teen were born January 2002 through January 2008.

§ Estimates with 95% confidence interval widths > 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 prior to age 15 years and there was at least five months minus four days between the first and second dose. This update to the HPV recommendation occurred in December of 2016.

¶¶ Statistically significant (p<0.05) percentage point increase from 2019.

*** Statistically significant (p<0.05) percentage point decrease from 2019.

††† Range excludes selected local areas and territories.