

**SUPPLEMENTARY TABLE. Estimated coverage with numbers of selected vaccine doses\* among adolescents aged 13–17 years<sup>†</sup> by Health and Human Services region, state, selected local area, or territory — National Immunization Survey-Teen, United States, 2024**

| Region, state, or local area | % (95% CI)                           |                                      |                                      |  |
|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--|
|                              | All adolescents<br>n = 16,325        |                                      |                                      |  |
|                              | ≥1 Tdap <sup>§</sup>                 | ≥1 MenACWY <sup>¶</sup>              | ≥1 HPV**                             | Up-to-date HPV vaccination <sup>††</sup> |
| <b>United States overall</b> | <b>91.3 (90.6–92.0)<sup>§§</sup></b> | <b>90.1 (89.3–90.8)<sup>§§</sup></b> | <b>78.2 (77.2–79.2)</b>              | <b>62.9 (61.6–64.1)</b>                  |
| <b>Region I</b>              | <b>93.6 (91.4–95.2)</b>              | <b>93.3 (90.9–95.0)</b>              | <b>84.0 (81.2–86.5)</b>              | <b>74.2 (70.9–77.2)</b>                  |
| Connecticut                  | 92.5 (85.8–96.2)                     | 91.8 (84.1–95.9)                     | 78.6 (70.3–85.1)                     | 67.0 (57.9–74.9)                         |
| Maine                        | 93.8 (90.5–96.0)                     | 96.1 (93.2–97.7)                     | 75.6 (70.4–80.3)                     | 66.9 (61.3–72.1)                         |
| Massachusetts                | 93.4 (89.8–95.8)                     | 93.1 (89.6–95.5)                     | 87.5 (83.3–90.7)                     | 79.8 (75.1–83.8)                         |
| New Hampshire                | 95.1 (92.2–96.9)                     | 94.3 (91.3–96.3)                     | 83.8 (78.6–88.0)                     | 72.2 (66.5–77.3)                         |
| Rhode Island                 | 94.6 (89.4–97.4)                     | 95.1 (90.1–97.7)                     | 91.3 (84.7–95.2)                     | 76.1 (66.1–83.8)                         |
| Vermont                      | 95.6 (91.6–97.7)                     | 92.5 (87.5–95.6)                     | 85.2 (78.1–90.2)                     | 71.7 (63.6–78.5)                         |
| <b>Region II</b>             | <b>93.2 (91.2–94.7)</b>              | <b>95.5 (94.0–96.7)</b>              | <b>78.7 (75.5–81.7)</b>              | <b>66.4 (62.7–69.8)</b>                  |
| New Jersey                   | 91.9 (88.5–94.4)                     | 94.6 (91.8–96.4)                     | 73.1 (67.8–77.9)                     | 58.6 (53.1–64.0)                         |
| New York                     | 93.9 (91.3–95.7)                     | 96.0 (94.0–97.4)                     | 81.7 (77.4–85.3)                     | 70.4 (65.6–74.8)                         |
| NY-City of New York          | 94.2 (89.9–96.7)                     | 96.2 (92.6–98.1)                     | 88.0 (80.5–92.9)                     | 76.2 (67.8–82.9)                         |
| NY-Rest of State             | 93.7 (90.2–95.9)                     | 95.9 (93.1–97.6)                     | 77.5 (71.9–82.3)                     | 66.7 (60.7–72.1)                         |
| <b>Region III</b>            | <b>92.0 (90.3–93.5)</b>              | <b>92.9 (91.2–94.3)</b>              | <b>80.8 (78.1–83.2)</b>              | <b>66.9 (63.9–69.9)</b>                  |
| Delaware                     | 91.3 (87.5–94.0)                     | 92.8 (89.2–95.3)                     | 84.1 (79.5–87.8)                     | 69.0 (63.4–74.0)                         |
| District of Columbia         | 80.1 (72.6–86.0)                     | 87.0 (80.7–91.5)                     | 89.3 (84.4–92.8)                     | 75.8 (68.3–82.1)                         |
| Maryland                     | 89.7 (84.9–93.1)                     | 89.4 (84.2–93.0)                     | 84.5 (79.2–88.7)                     | 69.2 (63.1–74.7)                         |
| Pennsylvania                 | 92.4 (89.1–94.8)                     | 94.0 (91.1–96.0)                     | 75.0 (69.7–79.7)                     | 63.3 (57.7–68.5)                         |
| PA-Philadelphia              | 89.3 (83.3–93.3)                     | 90.9 (85.4–94.4)                     | 88.2 (82.1–92.4)                     | 77.6 (70.0–83.6)                         |
| PA-Rest of State             | 92.8 (89.1–95.4)                     | 94.4 (91.1–96.6)                     | 73.3 (67.3–78.6)                     | 61.4 (55.1–67.3)                         |
| Virginia                     | 93.8 (90.4–96.1)                     | 94.3 (91.0–96.4) <sup>§§</sup>       | 86.9 (82.4–90.4)                     | 71.9 (66.1–77.1)                         |
| West Virginia                | 92.9 (89.6–95.2)                     | 92.9 (89.1–95.5)                     | 72.4 (67.1–77.1)                     | 55.6 (49.9–61.1)                         |
| <b>Region IV</b>             | <b>93.7 (92.4–94.8)<sup>§§</sup></b> | <b>89.2 (87.5–90.6)<sup>§§</sup></b> | <b>77.6 (75.2–79.9)<sup>§§</sup></b> | <b>60.2 (57.1–63.2)</b>                  |
| Alabama                      | 92.4 (89.1–94.8)                     | 87.1 (82.8–90.5)                     | 77.7 (72.8–82.0)                     | 60.9 (55.1–66.4)                         |
| Florida                      | 96.4 (93.6–98.1) <sup>§§</sup>       | 89.2 (84.5–92.6) <sup>§§</sup>       | 84.2 (78.6–88.5) <sup>§§</sup>       | 59.0 (51.1–66.4)                         |
| Georgia                      | 96.8 (94.0–98.3) <sup>§§</sup>       | 97.8 (95.6–98.9) <sup>§§</sup>       | 74.5 (66.5–81.1)                     | 65.3 (56.9–72.8) <sup>§§</sup>           |
| Kentucky                     | 90.1 (84.5–93.8)                     | 90.2 (84.8–93.8)                     | 75.0 (68.1–80.8)                     | 61.1 (53.8–68.0) <sup>§§</sup>           |
| Mississippi                  | 93.3 (89.1–95.9)                     | 64.5 (57.1–71.3)                     | 58.6 (51.0–65.8)                     | 39.1 (31.8–46.9)                         |
| North Carolina               | 90.6 (85.6–93.9)                     | 92.8 (88.5–95.6)                     | 80.0 (74.5–84.6)                     | 66.8 (60.8–72.3)                         |
| South Carolina               | 91.3 (87.4–94.1)                     | 85.2 (80.7–88.8)                     | 74.6 (69.5–79.1)                     | 59.5 (54.0–64.9)                         |
| Tennessee                    | 90.8 (86.4–93.9)                     | 84.0 (78.4–88.4)                     | 73.0 (66.7–78.4)                     | 54.3 (47.3–61.1)                         |
| <b>Region V</b>              | <b>91.9 (90.5–93.2)</b>              | <b>92.2 (90.8–93.4)</b>              | <b>79.8 (77.6–81.8)</b>              | <b>65.3 (62.8–67.8)</b>                  |
| Illinois                     | 93.8 (91.2–95.6)                     | 94.2 (91.6–96.0)                     | 80.2 (76.3–83.6)                     | 66.2 (61.8–70.4)                         |
| IL-City of Chicago           | 92.9 (87.6–96.0)                     | 94.6 (89.8–97.2)                     | 83.4 (76.1–88.8)                     | 67.3 (58.6–75.0)                         |
| IL-Rest of State             | 94.0 (90.9–96.0)                     | 94.1 (91.0–96.1)                     | 79.4 (74.9–83.3)                     | 66.0 (60.9–70.8)                         |
| Indiana                      | 90.9 (86.5–93.9) <sup>¶¶</sup>       | 90.4 (86.1–93.5) <sup>¶¶</sup>       | 73.2 (67.6–78.1)                     | 56.6 (50.8–62.3)                         |
| Michigan                     | 94.5 (90.7–96.8)                     | 94.6 (90.7–97.0)                     | 80.8 (73.7–86.3)                     | 65.6 (57.9–72.6)                         |
| Minnesota                    | 89.0 (84.7–92.2)                     | 89.8 (85.5–92.9)                     | 83.3 (78.3–87.4)                     | 67.7 (61.6–73.2)                         |
| Ohio                         | 92.5 (88.5–95.2)                     | 92.1 (88.2–94.7)                     | 81.8 (76.6–86.1)                     | 67.3 (61.1–73.0)                         |
| Wisconsin                    | 86.9 (80.9–91.2)                     | 88.7 (83.4–92.4)                     | 77.7 (71.5–82.9)                     | 67.2 (60.4–73.3)                         |
| <b>Region VI</b>             | <b>86.3 (83.8–88.6)</b>              | <b>87.7 (85.3–89.8)</b>              | <b>71.4 (68.2–74.4)</b>              | <b>54.5 (51.1–57.8)</b>                  |
| Arkansas                     | 94.3 (91.0–96.4)                     | 96.6 (94.3–98.0)                     | 80.7 (75.7–84.9)                     | 60.3 (53.8–66.5)                         |

|                    |                         |                         |                                      |                         |
|--------------------|-------------------------|-------------------------|--------------------------------------|-------------------------|
| Louisiana          | 91.7 (86.2–95.2)        | 94.1 (90.4–96.4)        | 74.5 (68.3–79.9)                     | 65.8 (59.1–71.9)        |
| New Mexico         | 90.7 (86.5–93.7)        | 92.7 (89.0–95.2)        | 82.0 (76.6–86.3)                     | 66.7 (60.5–72.3)        |
| Oklahoma           | 87.4 (83.1–90.8)        | 77.6 (72.3–82.1)        | 68.0 (62.2–73.2)                     | 49.7 (43.8–55.6)        |
| Texas              | 84.5 (80.9–87.5)        | 87.0 (83.6–89.8)        | 69.9 (65.5–73.9)                     | 52.2 (47.6–56.7)        |
| TX-Bexar County    | 86.5 (82.1–90.0)        | 88.7 (84.3–91.9)        | 76.3 (70.8–81.0)                     | 60.6 (54.4–66.5)        |
| TX-City of Houston | 83.9 (78.6–88.2)        | 84.2 (78.7–88.4)        | 77.6 (71.8–82.4)                     | 65.6 (59.4–71.3)        |
| TX-Rest of State   | 84.3 (80.2–87.8)        | 87.2 (83.2–90.3)        | 68.8 (63.7–73.4)                     | 50.4 (45.2–55.7)        |
| <b>Region VII</b>  | <b>91.2 (88.7–93.2)</b> | <b>91.2 (88.6–93.3)</b> | <b>72.1 (68.2–75.7)<sup>¶¶</sup></b> | <b>57.4 (53.4–61.4)</b> |
| Iowa               | 93.0 (88.4–95.9)        | 96.3 (92.4–98.3)        | 71.6 (64.4–77.8) <sup>¶¶</sup>       | 59.8 (52.3–66.8)        |
| Kansas             | 91.4 (87.2–94.3)        | 90.2 (85.9–93.4)        | 72.5 (66.0–78.1)                     | 59.7 (53.1–66.0)        |
| Missouri           | 90.3 (84.9–94.0)        | 89.4 (83.6–93.3)        | 69.4 (61.6–76.2)                     | 52.7 (45.0–60.3)        |
| Nebraska           | 90.9 (85.5–94.4)        | 90.2 (85.2–93.7)        | 80.1 (73.5–85.4)                     | 64.1 (56.6–71.0)        |
| <b>Region VIII</b> | <b>90.2 (87.8–92.2)</b> | <b>88.2 (85.7–90.3)</b> | <b>80.3 (77.3–83.0)</b>              | <b>61.7 (58.1–65.2)</b> |
| Colorado           | 89.4 (84.8–92.7)        | 86.6 (81.8–90.3)        | 80.6 (75.2–85.1)                     | 64.3 (58.2–69.9)        |
| Montana            | 90.4 (86.4–93.4)        | 81.2 (76.3–85.3)        | 75.4 (70.1–80.0)                     | 59.8 (54.2–65.2)        |
| North Dakota       | 91.2 (85.9–94.6)        | 94.0 (89.5–96.6)        | 82.9 (76.3–88.0)                     | 70.4 (62.4–77.2)        |
| South Dakota       | 93.2 (89.7–95.5)        | 93.5 (90.0–95.8)        | 82.5 (77.4–86.7)                     | 70.0 (64.0–75.4)        |
| Utah               | 90.7 (85.5–94.2)        | 91.5 (86.1–94.9)        | 81.8 (75.5–86.7)                     | 57.5 (49.8–64.9)        |
| Wyoming            | 87.7 (82.6–91.5)        | 75.0 (68.9–80.3)        | 69.2 (62.8–74.9)                     | 47.1 (40.6–53.7)        |
| <b>Region IX</b>   | <b>90.9 (87.8–93.2)</b> | <b>87.1 (83.5–90.1)</b> | <b>81.4 (77.4–84.9)</b>              | <b>65.8 (61.0–70.4)</b> |
| Arizona            | 91.8 (86.3–95.2)        | 92.9 (87.5–96.1)        | 81.2 (74.2–86.6)                     | 67.4 (59.4–74.4)        |
| California         | 90.9 (86.9–93.8)        | 86.0 (81.3–89.7)        | 82.0 (76.8–86.2)                     | 66.0 (59.9–71.7)        |
| Hawaii             | 89.2 (85.3–92.2)        | 91.2 (87.6–93.9)        | 89.2 (85.1–92.2)                     | 75.6 (70.5–80.1)        |
| Nevada             | 89.0 (82.8–93.2)        | 85.8 (79.1–90.6)        | 71.6 (64.1–78.1)                     | 56.1 (48.4–63.6)        |
| <b>Region X</b>    | <b>90.4 (87.6–92.6)</b> | <b>87.4 (84.4–89.9)</b> | <b>80.3 (76.8–83.4)</b>              | <b>66.6 (62.6–70.4)</b> |
| Alaska             | 81.4 (74.8–86.6)        | 77.8 (70.8–83.4)        | 69.7 (62.4–76.1)                     | 51.8 (44.4–59.0)        |
| Idaho              | 85.1 (78.2–90.1)        | 87.5 (80.9–92.0)        | 70.7 (62.1–78.0)                     | 55.9 (47.2–64.3)        |
| Oregon             | 91.8 (88.0–94.4)        | 86.8 (82.6–90.1)        | 81.9 (77.3–85.7)                     | 65.8 (60.4–70.8)        |
| Washington         | 92.2 (86.9–95.5)        | 88.8 (83.3–92.6)        | 83.5 (77.4–88.2)                     | 71.8 (65.0–77.8)        |
| <b>Range***</b>    | <b>80.1–96.8</b>        | <b>64.5–97.8</b>        | <b>58.6–91.3</b>                     | <b>39.1–79.8</b>        |
| <b>Territory</b>   |                         |                         |                                      |                         |
| Guam               | 65.4 (52.0–76.7)        | 65.1 (50.6–77.2)        | 72.9 (60.4–82.6)                     | 43.1 (31.1–56.0)        |
| Puerto Rico        | 88.2 (81.6–92.7)        | 92.3 (86.6–95.7)        | 91.8 (86.2–95.3)                     | 77.0 (66.0–85.1)        |

**Abbreviations:** HHS = U.S. Department of Health and Human Services; HPV = human papillomavirus; MenACWY = quadrivalent meningococcal conjugate vaccine; Tdap = tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis vaccine.

\* Estimates for additional measures, including MMR, hepatitis B, and varicella vaccines are available at <https://www.cdc.gov/teenvaxview/index.html>

† Adolescents (N = 16,325) in the 2024 NIS-Teen were born January 2006 through December 2011.

§ Includes percentages of persons receiving Tdap vaccine at age ≥10 years.

¶ Includes percentages of adolescents receiving MenACWY or an unknown type of meningococcal vaccine.

\*\* HPV vaccine, nine-valent, quadrivalent, or bivalent. For ≥1 dose and up-to-date HPV vaccination measures, percentages are reported among females and males combined.

†† Up-to-date HPV vaccination status includes receipt of ≥3 doses or receipt of 2 doses when the first HPV vaccine dose was initiated at age <15 years ≥5 months minus 4 days had elapsed between the first and second doses ([Clinical Decision Support for Immunization | Immunization Information Systems | CDC](#)). This update to the HPV vaccine recommendation occurred in December 2016.

§§ Statistically significant (p<0.05) percentage point increase from 2023.

¶¶ Statistically significant (p<0.05) percentage point decrease from 2023.

\*\*\* Range excludes selected local areas and territories.