

**SUPPLEMENTARY TABLE 3. Estimated vaccination coverage with selected individual vaccines and a combined vaccine series\* by age 24 months<sup>†</sup> among children born 2017-2018,<sup>§</sup> by U.S. Department of Health and Human Services (HHS) region, state, selected local area, and territory – National Immunization Survey-Child 2018–2020, United States**

National, HHS region, state, local area, or territory	No.	Vaccine/Vaccination Series, % (95% CI)							
		MMR (≥1 dose) <sup>¶</sup>	DTaP (≥4 doses) <sup>**</sup>	Hep B (birth dose) <sup>††</sup>	HepA		Rotavirus <sup>§§</sup>	Influenza (≥2 doses) <sup>¶¶</sup>	Combined 7-vaccine series*
					(≥1 dose)	(≥2 doses by age 35 months) <sup>†</sup>			
<b>US National</b>	<b>29,114</b>	<b>91.6</b> (90.8–92.2)	<b>81.6</b> (80.6–82.5)	<b>78.4</b> (77.4–79.4) <sup>***</sup>	<b>87.0</b> (86.2–87.9) <sup>***</sup>	<b>77.7</b> (76.1–79.1)	<b>75.6</b> (74.6–76.7) <sup>***</sup>	<b>60.6</b> (59.4–61.8) <sup>***</sup>	<b>70.5</b> (69.4–71.7)
<b>HHS Region I</b>	<b>2,597</b>	<b>95.3</b> (93.7–96.6)	<b>88.5</b> (85.9–90.9)	<b>81.3</b> (78.1–84.2) <sup>***</sup>	<b>91.6</b> (89.3–93.6)	<b>84.4</b> (79.8–88.4)	<b>82.1</b> (78.7–85.0)	<b>78.6</b> (75.3–81.7)	<b>79.7</b> (76.5–82.7)
Connecticut	314	94.6 (90.3–97.4)	88.7 (83.5–92.9)	82.4 (76.2–87.2)	92.8 (88.2–96.1)	88.7 (81.4–94.0)	84.4 (78.4–88.9)	78.7 (72.1–84.6)	81.6 (75.4–87.1)
Maine	415	92.4 (88.9–95.1)	86.2 (81.8–89.9)	72.9 (67.0–78.1)	86.6 (82.4–90.3)	76.2 (69.4–82.5)	77.2 (72.0–81.7)	72.3 (66.9–77.5)	75.8 (70.6–80.7)
Massachusetts	559	96.4 (93.7–98.2)	88.8 (83.8–92.8)	82.9 (76.8–87.7)	91.9 (87.6–95.2)	84.2 (75.1–91.4)	80.6 (74.2–85.8)	80.2 (74.4–85.4)	79.8 (74.1–85.0)
New Hampshire	398	95.4 (91.9–97.7)	89.1 (84.6–92.7)	83.8 (78.7–87.9) <sup>***</sup>	92.9 (89.6–95.4) <sup>***</sup>	85.7 (78.3–91.6)	87.7 (83.0–91.2) <sup>***</sup>	77.3 (71.7–82.4) <sup>***</sup>	78.6 (73.0–83.7)
Rhode Island	360	94.5 (89.3–97.7)	88.7 (82.7–93.3)	81.7 (76.1–86.1)	93.2 (88.3–96.6)	82.7 (74.0–89.9)	86.2 (80.2–90.6)	79.1 (72.6–84.9)	77.2 (70.4–83.4)
Vermont	551	93.9 (90.5–96.4)	86.7 (82.4–90.3)	67.2 (61.8–72.1) <sup>***</sup>	86.3 (82.0–90.0)	76.3 (69.9–82.1)	75.6 (70.4–80.2)	72.1 (66.9–77.0)	79.6 (74.8–84.0)
<b>HHS Region II</b>	<b>1,530</b>	<b>93.1</b> (91.1–94.8) <sup>***</sup>	<b>82.3</b> (79.2–85.1)	<b>77.3</b> (74.3–80.1) <sup>***</sup>	<b>83.0</b> (80.2–85.5) <sup>***</sup>	<b>76.5</b> (72.1–80.8)	<b>74.7</b> (71.3–77.8)	<b>69.5</b> (66.1–72.9) <sup>***</sup>	<b>70.5</b> (67.1–73.9)
New Jersey	423	89.6 (84.6–93.6)	78.4 (71.9–84.2)	77.8 (72.0–82.7) <sup>***</sup>	82.6 (77.4–87.3)	72.7 (63.1–81.5)	74.0 (67.4–79.7)	71.0 (64.6–77.1)	68.7 (62.0–75.2)
New York	1,107	94.6 (92.7–96.2) <sup>***</sup>	84.1 (80.7–87.1) <sup>***</sup>	77.1 (73.4–80.5) <sup>***</sup>	83.2 (79.9–86.2) <sup>***</sup>	78.1 (73.2–82.6) <sup>***</sup>	75.0 (71.1–78.6)	68.8 (64.7–72.8) <sup>***</sup>	71.3 (67.3–75.2) <sup>***</sup>
NY-City of New York	688	93.4 (90.8–95.5) <sup>***</sup>	82.6 (78.2–86.5) <sup>***</sup>	72.8 (68.0–77.1)	80.1 (75.6–84.3) <sup>***</sup>	75.7 (69.5–81.5) <sup>***</sup>	74.7 (69.9–78.8) <sup>***</sup>	66.9 (61.8–71.8) <sup>***</sup>	70.7 (65.8–75.3) <sup>***</sup>
NY-Rest of State	419	95.8 (92.7–97.9) <sup>***</sup>	85.6 (80.5–89.9)	81.3 (75.4–86.1)	86.0 (81.3–90.0)	79.9 (72.3–86.6)	75.3 (68.9–80.8)	70.7 (64.3–76.8)	72.0 (65.7–78.1)
<b>HHS Region III</b>	<b>4,333</b>	<b>92.7</b> (90.9–94.3)	<b>83.5</b> (81.0–85.8)	<b>81.7</b> (79.4–83.7) <sup>***</sup>	<b>87.8</b> (85.6–89.9)	<b>80.6</b> (77.1–84.0)	<b>78.4</b> (75.7–80.8)	<b>67.7</b> (64.9–70.5) <sup>***</sup>	<b>74.7</b> (72.0–77.4)
Delaware	482	91.4 (88.0–94.1)	84.6 (80.2–88.4)	81.8 (77.0–85.7)	89.8 (86.1–92.9)	81.3 (74.6–87.2)	81.3 (76.5–85.4)	64.3 (58.9–69.7)	77.1 (72.4–81.5)
Dist. of Columbia	515	92.7 (89.3–95.4)	85.2 (80.7–89.2)	80.4 (75.3–84.7)	92.3 (88.9–94.9) <sup>***</sup>	83.1 (72.2–91.5)	80.7 (75.4–85.1) <sup>***</sup>	68.3 (62.3–74.1)	71.4 (65.9–76.7)
Maryland	1,278	94.0 (91.8–95.9)	83.9 (80.5–87.0)	80.1 (76.3–83.5)	91.4 (88.8–93.6) <sup>***</sup>	80.3 (74.8–85.3)	81.2 (77.7–84.2)	66.7 (62.6–70.8) <sup>***</sup>	75.5 (71.7–79.2)
Pennsylvania	928	93.9 (91.0–96.2)	85.9 (81.9–89.5)	85.5 (81.7–88.6)	88.1 (84.2–91.5)	83.9 (78.0–88.9)	78.5 (73.9–82.5)	73.4 (68.7–77.9) <sup>***</sup>	77.4 (72.8–81.8)

PA-Philadelphia	319	92.4 (86.3–96.4)	86.2 (79.2–91.7)	84.6 (78.3–89.2)	87.6 (80.5–93.1)	80.4 (70.6–88.5)	75.8 (68.2–82.1)	69.6 (61.4–77.5)	75.5 (67.8–82.6)
PA-Rest of State	609	94.2 (90.9–96.7)	85.9 (81.2–89.9)	85.6 (81.3–89.1)	88.3 (83.7–92.0)	84.5 (78.0–89.9)	79.0 (73.6–83.5)	74.1 (68.7–79.2)***	77.8 (72.5–82.7)
Virginia	722	90.8 (86.1–94.5)	79.6 (73.6–85.0)***	77.4 (71.8–82.2)	83.9 (78.3–88.8)	76.5 (68.0–84.1)	76.1 (69.7–81.5)	64.2 (57.7–70.7)	70.8 (64.6–76.9)
West Virginia	408	89.6 (84.9–93.3)	83.3 (78.4–87.7)	82.6 (77.4–86.7)***	89.4 (84.9–93.1)	80.1 (73.2–86.2)	76.0 (70.0–81.2)	49.4 (43.1–56.2)	73.0 (66.8–78.9)
<b>HHS Region IV</b>	<b>3,765</b>	<b>91.5</b> <b>(89.9–92.9)</b>	<b>81.2</b> <b>(78.8–83.4)</b>	<b>73.7</b> <b>(71.0–76.2)</b>	<b>84.7</b> <b>(82.4–86.8)</b>	<b>73.5</b> <b>(69.8–77.1)</b>	<b>73.3</b> <b>(70.6–75.8)</b>	<b>50.2</b> <b>(47.4–53.1)***</b>	<b>70.0</b> <b>(67.4–72.7)</b>
Alabama	383	93.2 (88.7–96.3)	81.5 (74.0–87.9)	78.5 (71.6–84.0)	87.7 (82.6–91.8)	— <sup>§§§</sup>	72.9 (65.3–79.3)	37.7 (30.9–45.5)	72.1 (64.4–79.4)
Florida	575	92.8 (89.4–95.4)	84.5 (79.3–89.0)	62.2 (55.5–68.6)	80.4 (74.5–85.6)	69.6 (61.2–77.5)	71.3 (64.6–77.1)	44.7 (38.2–51.8)	69.2 (63.0–75.1)
Georgia	461	89.1 (83.3–93.6)	74.9 (67.8–81.5)	78.3 (72.0–83.5)	85.6 (79.2–90.9)	70.4 (61.4–78.9)***	70.4 (62.6–77.2)	40.4 (33.9–47.6)	65.5 (58.3–72.6)
Kentucky	413	89.2 (84.6–93.0)	82.6 (77.1–87.5)	79.8 (74.1–84.6)	85.9 (81.0–90.1)	78.5 (71.3–84.8)	71.9 (66.0–77.1)	52.2 (46.2–58.5)	72.6 (66.6–78.2)
Mississippi	487	90.6 (86.6–93.8)	81.2 (75.9–86.0)	78.8 (73.4–83.4)	72.5 (67.0–77.8)	60.8 (53.0–68.7)	68.4 (62.3–74.0)	41.7 (35.9–48.0)	70.9 (64.9–76.6)
North Carolina	458	92.5 (88.5–95.5)	83.8 (78.0–88.8)	82.0 (76.1–86.7)***	85.7 (80.0–90.6)	— <sup>§§§</sup>	79.4 (73.3–84.4)	73.6 (67.3–79.7)***	75.9 (69.6–81.7)
South Carolina	441	90.6 (86.2–94.1)	78.2 (72.5–83.4)	76.5 (70.6–81.5)	89.1 (84.6–92.8)	82.1 (74.2–88.7)	76.3 (70.4–81.3)	41.5 (35.4–48.2)	68.3 (62.0–74.4)
Tennessee	547	91.7 (87.8–94.8)	79.8 (73.9–85.0)	74.0 (67.9–79.3)	92.9 (89.4–95.5)	84.4 (75.7–91.3)	75.9 (70.2–80.8)	64.2 (58.0–70.4)***	69.3 (63.2–75.2)
<b>HHS Region V</b>	<b>3,328</b>	<b>90.3</b> <b>(88.6–91.8)</b>	<b>80.5</b> <b>(78.3–82.6)</b>	<b>80.3</b> <b>(78.2–82.3)***</b>	<b>86.4</b> <b>(84.5–88.2)</b>	<b>76.9</b> <b>(74.0–79.7)</b>	<b>75.4</b> <b>(73.2–77.5)</b>	<b>63.6</b> <b>(61.2–66.0)***</b>	<b>70.3</b> <b>(67.9–72.7)</b>
Illinois	823	91.4 (88.1–94.1)	81.6 (77.4–85.4)	77.5 (72.9–81.5)	84.6 (80.8–88.1)	71.5 (65.8–77.0)	75.4 (70.9–79.4)	62.9 (58.3–67.6)	70.6 (65.9–75.0)
IL-City of Chicago	272	93.2 (88.9–96.3)	83.8 (77.5–89.1)	79.9 (72.4–85.7)	90.3 (85.3–94.2)	77.3 (68.2–85.4)	76.6 (69.3–82.6)	65.7 (58.2–73.1)	74.2 (67.1–80.9)
IL-Rest of State	551	90.8 (86.6–94.1)	81.0 (75.9–85.6)	76.8 (71.1–81.6)	82.9 (78.1–87.2)	70.1 (63.2–76.6)	75.0 (69.5–79.8)	62.0 (56.4–67.7)	69.5 (63.9–75.0)
Indiana	479	88.2 (84.0–91.7)	78.7 (73.5–83.5)	80.7 (76.1–84.7)	86.7 (82.2–90.5)	76.9 (69.6–83.5)	75.1 (69.6–79.9)	62.7 (56.9–68.5)***	68.1 (62.4–73.6)
Michigan	673	94.3 (91.2–96.6)***	83.9 (79.5–87.8)	82.5 (78.0–86.3)	92.1 (88.3–95.0)	82.3 (75.9–87.9)	75.0 (69.8–79.6)	62.1 (56.5–67.6)	73.3 (68.1–78.2)
Minnesota	497	92.7 (88.8–95.6)	81.2 (75.9–86.0)	80.6 (75.1–85.1)***	90.3 (86.2–93.6)	82.4 (75.9–87.9)	79.6 (74.2–84.2)	78.3 (73.2–83.1)***	73.0 (67.4–78.3)
Ohio	490	85.6 (80.2–90.1)	77.4 (71.0–83.3)	80.7 (74.8–85.4)	83.2 (77.6–88.1)	79.7 (72.2–86.3)***	73.2 (66.9–78.7)	56.7 (50.4–63.1)	68.1 (61.7–74.4)
Wisconsin	366	91.1	80.3	81.5	83.5	66.8	76.7	67.5	68.9

		(86.5–94.6)	(73.8–86.0)	(74.5–86.9)	(77.2–88.8)	(57.0–76.4)	(70.2–82.1)	(60.2–74.5)	(61.8–75.7)
<b>HHS Region VI</b>	<b>4,256</b>	<b>91.0</b> <b>(89.4–92.4)</b>	<b>76.7</b> <b>(74.3–79.1)</b>	<b>79.2</b> <b>(76.8–81.3)</b>	<b>87.9</b> <b>(86.1–89.6)</b>	<b>76.4</b> <b>(73.1–79.6)†††</b>	<b>73.3</b> <b>(70.8–75.7)</b>	<b>51.4</b> <b>(48.6–54.2)</b>	<b>65.9</b> <b>(63.2–68.5)</b>
Arkansas	642	89.5 (85.8–92.6)	71.8 (66.4–77.0)	81.0 (76.3–84.9)	86.6 (82.4–90.2)	74.5 (67.3–81.1)	73.4 (68.0–78.2)	46.2 (40.8–51.9)	66.5 (61.0–71.8)
Louisiana	645	92.9 (87.9–96.4)	75.7 (69.3–81.6)	77.8 (72.2–82.5)	86.0 (80.5–90.6)	69.8 (61.9–77.4)	68.2 (61.9–74.0)	44.4 (38.4–50.9)	64.3 (57.8–70.7)
New Mexico	701	95.0 (92.5–96.9)***	79.4 (74.8–83.7)	74.6 (70.0–78.8)	90.9 (87.6–93.5)	79.2 (72.9–84.8)	77.9 (73.1–82.0)	59.3 (54.1–64.6)	67.1 (62.2–72.0)
Oklahoma	364	88.9 (84.3–92.7)	75.6 (69.2–81.5)	77.0 (70.5–82.4)	86.1 (81.2–90.3)	73.9 (66.0–81.2)	69.6 (62.1–76.2)	50.4 (43.2–58.1)	66.3 (59.3–73.3)
Texas††††	1,904	90.9 (88.8–92.8)	77.4 (74.1–80.5)	79.8 (76.6–82.6)	88.4 (86.0–90.5)	78.0 (73.3–82.4)	74.3 (71.0–77.3)	52.6 (48.9–56.3)	65.9 (62.3–69.4)
TX-Bexar County	356	92.1 (88.0–95.2)	71.6 (65.4–77.5)†††	76.3 (70.4–81.4)	85.7 (80.4–90.1)†††	— <sup>§§§</sup>	72.0 (65.7–77.6)	55.2 (48.7–61.8)	61.6 (55.2–68.1)†††
TX-City of Houston	295	91.6 (86.7–95.2)	77.6 (70.7–83.8)	82.6 (75.8–87.7)	89.4 (83.8–93.7)	77.1 (68.0–85.1)†††	73.4 (66.5–79.3)	52.6 (45.6–59.9)	65.2 (57.9–72.4)
TX-Dallas County	163	89.1 (81.7–94.5)	— <sup>§§§</sup>	77.9 (66.9–86.0)	86.1 (78.5–92.0)	— <sup>§§§</sup>	— <sup>§§§</sup>	— <sup>§§§</sup>	— <sup>§§§</sup>
TX-El Paso County	142	— <sup>§§§</sup>	— <sup>§§§</sup>	90.2 (81.8–95.0)	— <sup>§§§</sup>	93.5 (84.1–98.3)	85.7 (77.0–91.4)***	— <sup>§§§</sup>	— <sup>§§§</sup>
TX-Rest of State	948	91.0 (88.2–93.4)	78.5 (74.2–82.6)	78.8 (74.4–82.7)	88.8 (85.7–91.6)	79.5 (73.4–85.0)	74.2 (69.6–78.3)	54.3 (49.3–59.4)	66.9 (62.2–71.7)
<b>HHS Region VII</b>	<b>2,066</b>	<b>92.8</b> <b>(91.1–94.3)***</b>	<b>80.9</b> <b>(78.3–83.4)</b>	<b>82.7</b> <b>(80.2–85.0)</b>	<b>87.8</b> <b>(85.7–89.8)***</b>	<b>78.4</b> <b>(74.4–82.2)</b>	<b>77.2</b> <b>(74.5–79.7)</b>	<b>58.8</b> <b>(55.8–61.8)***</b>	<b>73.5</b> <b>(70.7–76.3)</b>
Iowa	389	94.0 (90.4–96.6)	81.4 (75.7–86.5)	83.3 (77.8–87.6)	88.8 (84.4–92.4)	82.6 (73.0–90.3)	72.0 (65.5–77.7)†††	43.2 (37.0–49.9)	73.8 (67.6–79.7)
Kansas	603	93.5 (90.6–95.7)	79.0 (74.0–83.5)	79.9 (74.8–84.2)***	90.1 (86.6–93.1)	85.2 (75.7–92.5)	80.3 (75.4–84.5)	64.1 (58.6–69.6)***	71.2 (65.9–76.3)
Missouri	640	91.9 (88.6–94.5)	80.0 (75.2–84.4)	83.4 (78.6–87.2)	85.1 (81.0–88.7)***	72.9 (66.0–79.4)	77.6 (72.7–81.8)***	59.2 (53.9–64.6)	73.1 (68.1–77.8)***
Nebraska	434	93.0 (89.6–95.6)	85.3 (81.1–89.1)	84.0 (79.2–87.8)	90.7 (87.1–93.6)	81.4 (74.9–87.1)	79.5 (74.5–83.7)	73.1 (67.8–78.2)	77.7 (72.9–82.1)
<b>HHS Region VIII</b>	<b>2,724</b>	<b>92.1</b> <b>(89.7–94.2)***</b>	<b>82.0</b> <b>(78.9–84.8)</b>	<b>80.5</b> <b>(77.3–83.3)</b>	<b>88.7</b> <b>(86.2–90.9)***</b>	<b>81.0</b> <b>(77.1–84.7)***</b>	<b>81.8</b> <b>(78.9–84.3)***</b>	<b>67.3</b> <b>(63.7–70.9)***</b>	<b>72.3</b> <b>(68.8–75.7)</b>
Colorado	417	91.8 (86.8–95.4)	81.4 (75.3–86.8)	80.3 (74.4–85.1)	86.9 (81.7–91.2)	79.0 (71.5–85.7)	84.1 (78.6–88.4)***	68.5 (61.8–75.0)	70.6 (64.0–76.9)
Montana	400	91.2 (86.8–94.6)	75.6 (69.5–81.2)	77.2 (71.7–81.9)	83.8 (78.6–88.4)***	73.9 (64.2–82.8)	70.8 (64.3–76.6)	62.8 (56.3–69.3)	65.3 (58.8–71.7)
North Dakota	480	95.7 (93.0–97.6)	82.2 (77.3–86.6)	85.6 (81.0–89.3)	92.2 (88.8–94.9)	82.9 (76.4–88.4)	81.1 (75.7–85.5)	73.3 (67.7–78.6)	74.1 (68.7–79.3)
South Dakota	600	94.1 (91.5–96.2)***	81.7 (76.9–86.1)	84.3 (79.7–88.1)***	90.1 (86.5–93.1)	79.4 (72.8–85.3)	79.5 (74.8–83.6)	75.7 (70.5–80.5)	73.4 (68.3–78.4)

Utah	359	91.5 (86.9–95.0)	84.8 (79.3–89.5)	79.5 (72.9–84.9)	92.3 (88.1–95.4)***	87.7 (81.2–92.8)	83.0 (77.4–87.5)	64.8 (58.0–71.6)***	75.8 (69.5–81.7)
Wyoming	468	91.4 (87.6–94.5)	76.6 (71.3–81.6)	80.9 (75.9–85.1)***	79.3 (74.5–83.7)***	66.2 (58.2–74.0)	74.9 (69.5–79.6)	56.6 (50.8–62.6)	68.9 (63.3–74.4)
<b>HHS Region IX</b>	<b>2,148</b>	<b>90.0 (86.8–92.7)</b>	<b>83.8 (80.1–87.1)</b>	<b>78.1 (74.0–81.7)***</b>	<b>89.2 (86.1–91.8)</b>	<b>80.1 (74.7–84.9)</b>	<b>75.9 (71.6–79.7)</b>	<b>62.7 (58.1–67.3)</b>	<b>69.4 (65.0–73.8)</b>
Arizona	466	93.8 (90.4–96.3)	85.7 (80.9–89.8)***	88.5 (84.9–91.3)***	90.9 (86.7–94.2)	77.2 (68.6–84.9)	76.6 (71.2–81.2)	59.4 (53.4–65.6)***	74.0 (68.5–79.2)***
California	747	89.4 (85.2–92.8)	84.0 (79.3–88.2)	76.2 (70.9–80.7)***	88.9 (85.0–92.2)	80.6 (74.3–86.2)	76.1 (70.7–80.9)	64.3 (58.5–70.1)	68.6 (63.0–74.1)
Hawaii	383	88.0 (83.5–91.8)	77.2 (71.4–82.6)	82.7 (77.3–87.0)	85.2 (80.3–89.4)	78.3 (69.5–86.0)	74.7 (68.6–79.9)	60.6 (54.4–66.9)	72.1 (66.1–77.7)
Nevada	552	89.9 (85.5–93.5)	78.9 (73.4–83.8)	76.9 (71.0–81.9)	89.8 (85.7–93.2)	80.3 (73.2–86.5)	71.6 (65.4–77.1)	50.1 (43.8–56.8)	67.5 (61.5–73.4)
<b>HHS Region X</b>	<b>2,367</b>	<b>93.4 (91.7–94.8)***</b>	<b>84.2 (81.8–86.6)***</b>	<b>77.6 (74.8–80.2)</b>	<b>89.7 (87.6–91.6)</b>	<b>78.3 (74.6–81.8)</b>	<b>76.9 (74.0–79.6)</b>	<b>67.1 (63.9–70.2)***</b>	<b>71.5 (68.4–74.6)***</b>
Alaska	425	86.8 (82.4–90.6)	74.3 (68.6–79.7)	70.6 (64.9–75.7)	81.4 (76.3–85.9)	72.1 (64.4–79.3)	62.5 (56.4–68.2)	56.9 (51.0–62.9)	61.2 (55.3–67.2)
Idaho	798	91.6 (88.5–94.1)	82.0 (77.9–85.6)	71.4 (66.6–75.8)	91.2 (88.0–93.8)	82.1 (76.7–86.9)***	80.7 (76.7–84.1)	61.5 (56.6–66.4)	71.9 (67.3–76.4)
Oregon	371	94.5 (91.4–96.8)	82.9 (77.7–87.5)***	81.5 (76.0–86.0)	91.6 (87.7–94.6)	81.0 (74.2–87.0)	76.8 (71.0–81.7)	65.9 (59.7–72.0)	71.1 (65.0–76.9)
Washington	773	93.9 (91.3–96.0)***	86.5 (82.8–89.7)***	77.9 (73.5–81.8)	89.4 (86.0–92.3)	76.8 (71.1–82.2)	77.7 (73.1–81.6)	70.2 (65.4–74.8)	72.9 (68.1–77.5)***
<b>Territories</b>									
Guam	254	75.2 (68.3–81.7)	54.6 (46.9–62.7)	86.5 (80.7–90.7)†††	72.8 (65.6–79.6)	51.7 (42.3–61.8)	51.7 (43.8–59.5)	45.1 (37.6–53.3)†††	46.6 (39.0–54.9)
Puerto Rico****	358	78.9 (73.4–83.9)	66.8 (60.5–73.1) †††	71.7 (65.5–77.2) †††	81.6 (76.5–86.2)	57.7 (49.5–66.1) †††	56.5 (49.9–62.9) †††	21.5 (16.3–28.0)	53.1 (46.4–60.2)

**Abbreviations:** CI = confidence interval; DTaP = diphtheria, tetanus toxoids, and acellular pertussis vaccine; HepA = hepatitis A vaccine; HepB = hepatitis B vaccine; Hib = *Haemophilus influenzae* type b conjugate vaccine; MMR = measles, mumps, and rubella vaccine; PCV = pneumococcal conjugate vaccine; VAR = varicella vaccine.

\* The combined 7-vaccine series (4:3:1:3\*:3:1:4) includes ≥4 doses of DTaP, ≥3 doses of poliovirus vaccine, ≥1 dose of measles-containing vaccine, the full series of Hib (≥3 or ≥4 doses, depending on product type), ≥3 doses of HepB, ≥1 dose of VAR, and ≥4 doses of PCV. Coverage estimates for vaccines not included in this table are available at <https://www.cdc.gov/vaccines/imz-managers/coverage/childvaxview/interactive-reports/index.html>.

† Includes vaccinations received by age 24 months (before the day the child turns 24 months), except for the HepB birth dose, rotavirus vaccination, and ≥2 HepA doses by 35 months. For all vaccines except the HepB birth dose and rotavirus vaccination, the Kaplan-Meier method was used to estimate vaccination coverage to account for children whose vaccination history was ascertained before age 24 months (35 months for ≥2 HepA doses).

‡ Data for the 2017 birth year are from survey years 2018, 2019, and 2020; data for the 2018 birth year are considered preliminary and are from survey years 2019 and 2020 (2021 data are not yet available).

¶ Includes children who may have been vaccinated with measles, mumps, rubella, and varicella combination vaccine.

\*\* Includes children who may have been vaccinated with diphtheria and tetanus toxoids vaccine or diphtheria, tetanus toxoids, and pertussis vaccine.

<sup>††</sup> One dose HepB administered from birth through age 3 days.

<sup>§§</sup> Includes  $\geq 2$  doses of Rotarix monovalent rotavirus vaccine (RV1), or  $\geq 3$  doses of RotaTeq pentavalent rotavirus vaccine (RV5). (If any dose is RotaTeq or unknown, default to the 3-dose series.) The maximum age for the final rotavirus dose is 8 months, 0 days.

<sup>¶¶</sup> Doses must be at least 24 days apart (four weeks with a four-day grace period); doses could have been received during two influenza seasons.

<sup>\*\*\*</sup> Statistically significant increase in estimated coverage compared to children born in 2015–2016 ( $p < 0.05$ ).

<sup>†††</sup> Statistically significant decrease in estimated coverage compared to children born in 2015–2016 ( $p < 0.05$ ).

<sup>§§§</sup> Estimate not available because the unweighted sample size for the denominator was  $< 30$ , or 95% CI half width/estimate  $> 0.588$ , or 95% CI half-width was  $\geq 10$ .

<sup>¶¶¶</sup> Dallas and El Paso counties were oversampled in 2019. Estimates for the Texas - Rest of State exclude Bexar County, the City of Houston, Dallas County, and El Paso County.

<sup>\*\*\*\*</sup> Data collection in Puerto Rico did not occur in 2018 because of the severity of the hurricane season; therefore, estimates for Puerto Rico are based on survey data collected in 2019 and 2020.