SUPPLEMENTARY TABLE 3. Estimated vaccination coverage with selected individual vaccines and a combined vaccine series* by age $\mathbf{2 4}$ months ${ }^{\dagger}$ among children born during 2018-2019, ${ }^{5}$ by U.S. Department of Health and Human Services (HHS) region, state, selected local area, and territory - National Immunization Survey-Child, United States, 2019-2021

| National, HHS region, state, local area, or territory | No. | Vaccine / Vaccine Series, \% (95\% CI) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { MMR } \\ (\geq 1 \text { dose })^{\pi} \end{gathered}$ | $\begin{gathered} \text { DTaP } \\ (\geq 4 \text { doses)** } \end{gathered}$ | HepB (birth dose) $^{\text {+ }}$ | Poliovirus ( $\geq 3$ doses) | $\begin{gathered} \text { HepA } \\ (\geq 2 \text { doses }) \end{gathered}$ | Rotavirus ${ }^{\text {¢ }}$ | $\begin{gathered} \text { Influenza } \\ \text { ( } \geq 2 \text { doses) }{ }^{\pi \pi} \end{gathered}$ | Combined 7vaccine series* |
| US National | 29,598 | $\begin{gathered} 91.6 \\ (90.9-92.3)^{* * *} \end{gathered}$ | $\begin{gathered} 81.9 \\ (80.9-82.8) \end{gathered}$ | $\begin{gathered} 79.8 \\ (78.8-80.8)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 93.4 \\ (92.8-94.0)^{* * *} \end{gathered}$ | $\begin{gathered} \hline 47.3 \\ (46.0-48.5)^{* * *} \end{gathered}$ | $\begin{gathered} 77.1 \\ (76.1-78.2)^{* * *} \end{gathered}$ | $\begin{gathered} 63.9 \\ (62.7-65.0)^{* * *} \end{gathered}$ | $\begin{gathered} 70.1 \\ (68.9-71.2) \\ \hline \end{gathered}$ |
| HHS Region I | 2,825 | $\begin{gathered} 95.0 \\ (93.1-96.5) \\ \hline \end{gathered}$ | $\begin{gathered} 88.7 \\ (85.9-91.1) \\ \hline \end{gathered}$ | $\begin{gathered} 83.8 \\ (81.0-86.4) \\ \hline \end{gathered}$ | $\begin{gathered} 95.7 \\ (93.5-97.3) \\ \hline \end{gathered}$ | $\begin{gathered} 48.1 \\ (44.1-52.2) \\ \hline \end{gathered}$ | $\begin{gathered} 82.2 \\ (78.9-85.1) \\ \hline \end{gathered}$ | $\begin{gathered} 80.9 \\ (77.8-83.8) \\ \hline \end{gathered}$ | $\begin{gathered} 79.5 \\ (76.2-82.6) \\ \hline \end{gathered}$ |
| Connecticut | 520 | $\begin{gathered} 95.7 \\ (92.8-97.6) \\ \hline \end{gathered}$ | $\begin{gathered} 90.9 \\ (87.3-93.8)^{* * *} \end{gathered}$ | $\begin{gathered} \hline 86.6 \\ (82.4-89.9)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 95.6 \\ (92.7-97.6) \\ \hline \end{gathered}$ | $\begin{gathered} 52.9 \\ (47.1-58.8) \\ \hline \end{gathered}$ | $\begin{gathered} 84.4 \\ (79.8-88.2) \\ \hline \end{gathered}$ | $\begin{gathered} 81.4 \\ (76.6-85.7) \\ \hline \end{gathered}$ | $\begin{gathered} 84.1 \\ (79.9-87.9) \\ \hline \end{gathered}$ |
| Maine | 411 | $\begin{gathered} 92.1 \\ (87.2-95.6) \\ \hline \end{gathered}$ | $\begin{gathered} 85.8 \\ (79.9-90.6) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 79.7 \\ (74.5-84.0)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 95.1 \\ (91.2-97.6) \\ \hline \end{gathered}$ | $\begin{gathered} 53.5 \\ (46.9-60.4) \\ \hline \end{gathered}$ | $\begin{gathered} 74.3 \\ (67.8-79.9) \\ \hline \end{gathered}$ | $\begin{gathered} 72.1 \\ (65.8-78.1) \\ \hline \end{gathered}$ | $\begin{gathered} 76.3 \\ (70.1-81.9) \\ \hline \end{gathered}$ |
| Massachusetts | 565 | $\begin{gathered} 95.1 \\ (91.2-97.6) \end{gathered}$ | $\begin{gathered} 89.0 \\ (83.5-93.3) \end{gathered}$ | $\begin{gathered} 84.4 \\ (78.7-88.8) \end{gathered}$ | $\begin{gathered} 95.6 \\ (91.0-98.2) \end{gathered}$ | $\begin{gathered} 44.8 \\ (37.7-52.7) \end{gathered}$ | $\begin{gathered} 81.6 \\ (75.0-86.8) \end{gathered}$ | $\begin{gathered} 83.0 \\ (77.1-88.2) \end{gathered}$ | $\begin{gathered} 78.0 \\ (71.6-83.8) \end{gathered}$ |
| New Hampshire | 410 | $\begin{gathered} 94.3 \\ (90.7-96.9) \\ \hline \end{gathered}$ | $\begin{gathered} 82.1 \\ (76.6-87.0) \\ \hline \end{gathered}$ | $\begin{gathered} 86.7 \\ (81.8-90.4)^{* * *} \end{gathered}$ | $\begin{gathered} 95.1 \\ (91.6-97.5) \\ \hline \end{gathered}$ | $\begin{gathered} 44.2 \\ (38.2-50.7) \\ \hline \end{gathered}$ | $\begin{gathered} 81.5 \\ (75.6-86.1) \\ \hline \end{gathered}$ | $\begin{gathered} 75.6 \\ (69.7-81.1)^{* * *} \end{gathered}$ | $\begin{gathered} 75.3 \\ (69.5-80.8) \\ \hline \end{gathered}$ |
| Rhode Island | 374 | $\begin{gathered} 97.4 \\ (94.9-98.9)^{* * *} \end{gathered}$ | $\begin{gathered} 90.3 \\ (86.2-93.6) \\ \hline \end{gathered}$ | $\begin{gathered} 76.9 \\ (70.5-82.2) \\ \hline \end{gathered}$ | $\begin{gathered} 98.5 \\ (96.8-99.4) \\ \hline \end{gathered}$ | $\begin{gathered} 58.6 \\ (51.8-65.7) \\ \hline \end{gathered}$ | $\begin{gathered} 92.0 \\ (88.1-94.7)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 84.0 \\ (78.9-88.4) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 81.9 \\ (76.9-86.3)^{* * *} \\ \hline \end{gathered}$ |
| Vermont | 545 | $\begin{gathered} 93.0 \\ (89.7-95.6) \\ \hline \end{gathered}$ | $\begin{gathered} 86.8 \\ (82.4-90.6) \\ \hline \end{gathered}$ | $\begin{gathered} 74.7 \\ (69.6-79.1)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 94.4 \\ (91.6-96.6) \\ \hline \end{gathered}$ | $\begin{gathered} 34.6 \\ (29.5-40.3) \\ \hline \end{gathered}$ | $\begin{gathered} 76.3 \\ (71.0-80.9) \\ \hline \end{gathered}$ | $\begin{gathered} 75.9 \\ (70.9-80.7) \\ \hline \end{gathered}$ | $\begin{gathered} 78.8 \\ (73.8-83.4) \\ \hline \end{gathered}$ |
| HHS Region II | 1,583 | $\begin{gathered} 92.6 \\ (90.4-94.5) \end{gathered}$ | $\begin{gathered} 80.6 \\ (77.3-83.8) \end{gathered}$ | $\begin{gathered} 77.3 \\ (73.7-80.6)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 92.7 \\ (90.3-94.7) \end{gathered}$ | $\begin{gathered} 36.3 \\ (32.6-40.3) \end{gathered}$ | $\begin{gathered} 75.5 \\ (71.9-78.8) \end{gathered}$ | $\begin{gathered} 72.0 \\ (68.5-75.4)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 67.8 \\ (64.0-71.4) \end{gathered}$ |
| New Jersey | 443 | $\begin{gathered} 90.8 \\ (86.2-94.4) \\ \hline \end{gathered}$ | $\begin{gathered} 80.3 \\ (74.3-85.7) \\ \hline \end{gathered}$ | $\begin{gathered} 80.6 \\ (74.7-85.3)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 94.0 \\ (89.7-97.0) \\ \hline \end{gathered}$ | $\begin{gathered} 32.5 \\ (26.4-39.5) \\ \hline \end{gathered}$ | $\begin{gathered} 73.2 \\ (66.0-79.3) \\ \hline \end{gathered}$ | $\begin{gathered} 75.9 \\ (69.6-81.7)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 66.0 \\ (59.3-72.7) \\ \hline \end{gathered}$ |
| New York | 1,140 | $\begin{gathered} 93.4 \\ (90.8-95.5) \\ \hline \end{gathered}$ | $\begin{gathered} 80.8 \\ (76.7-84.6) \\ \hline \end{gathered}$ | $\begin{gathered} 75.8 \\ (71.2-79.9) \\ \hline \end{gathered}$ | $\begin{gathered} 92.1 \\ (89.1-94.5) \\ \hline \end{gathered}$ | $\begin{gathered} 38.1 \\ (33.5-43.0) \\ \hline \end{gathered}$ | $\begin{gathered} 76.6 \\ (72.3-80.4) \\ \hline \end{gathered}$ | $\begin{array}{c\|} \hline 70.2 \\ (65.9-74.3)^{* * *} \\ \hline \end{array}$ | $\begin{gathered} 68.6 \\ (64.1-72.9) \\ \hline \end{gathered}$ |
| NY-City of New York | 712 | $\begin{gathered} 93.6 \\ (90.8-95.8)^{* * *} \end{gathered}$ | $\begin{gathered} 81.0 \\ (76.3-85.3) \\ \hline \end{gathered}$ | $\begin{gathered} 77.8 \\ (73.2-81.8)^{* * *} \end{gathered}$ | $\begin{gathered} 91.3 \\ (87.9-94.1) \\ \hline \end{gathered}$ | $\begin{gathered} 40.0 \\ (34.8-45.6) \\ \hline \end{gathered}$ | $\begin{gathered} 75.4 \\ (70.4-79.7)^{* * *} \end{gathered}$ | $\begin{gathered} 68.6 \\ (63.7-73.5)^{* * *} \end{gathered}$ | $\begin{gathered} 68.4 \\ (63.3-73.3) \\ \hline \end{gathered}$ |
| NY-Rest of State | 428 | $\begin{gathered} 93.3 \\ (88.7-96.6) \\ \hline \end{gathered}$ | $\begin{gathered} 80.7 \\ (74.0-86.6) \end{gathered}$ | $\begin{gathered} 73.9 \\ (65.9-80.6) \end{gathered}$ | $\begin{gathered} 92.7 \\ (87.5-96.3) \end{gathered}$ | $\begin{gathered} 36.7 \\ (29.7-44.7) \end{gathered}$ | $\begin{gathered} 77.8 \\ (70.6-83.6) \end{gathered}$ | $\begin{gathered} 71.6 \\ (64.7-78.2) \end{gathered}$ | $\begin{gathered} 68.8 \\ (61.6-75.8) \end{gathered}$ |
| HHS Region III | 4,447 | $\begin{gathered} 93.2 \\ (91.5-94.6) \\ \hline \end{gathered}$ | $\begin{gathered} 84.0 \\ (81.7-86.1) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 83.4 \\ (81.2-85.4)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 94.4 \\ (92.9-95.7) \\ \hline \end{gathered}$ | $\begin{gathered} 49.5 \\ (46.5-52.6) \\ \hline \end{gathered}$ | $\begin{gathered} 78.5 \\ (76.0-80.9) \\ \hline \end{gathered}$ | $\begin{array}{\|c\|} \hline 72.4 \\ (69.8-74.9)^{* * *} \\ \hline \end{array}$ | $\begin{gathered} 74.6 \\ (72.0-77.2) \\ \hline \end{gathered}$ |
| Delaware | 375 | $\begin{gathered} 92.4 \\ (88.6-95.2) \\ \hline \end{gathered}$ | $\begin{gathered} 84.2 \\ (78.6-88.9) \\ \hline \end{gathered}$ | $\begin{gathered} 80.6 \\ (74.8-85.3) \\ \hline \end{gathered}$ | $\begin{gathered} 95.9 \\ (93.6-97.6) \end{gathered}$ | $\begin{gathered} 57.6 \\ (50.7-64.7) \\ \hline \end{gathered}$ | $\begin{gathered} 78.6 \\ (72.6-83.7) \end{gathered}$ | $\begin{gathered} 68.1 \\ (61.8-74.2) \\ \hline \end{gathered}$ | $\begin{gathered} 76.2 \\ (69.9-82.0) \\ \hline \end{gathered}$ |
| Dist. of Columbia | 544 | $\begin{gathered} 90.9 \\ (87.2-94.0) \\ \hline \end{gathered}$ | $\begin{gathered} 80.1 \\ (73.7-85.8) \\ \hline \end{gathered}$ | $\begin{gathered} 81.8 \\ (75.7-86.6) \\ \hline \end{gathered}$ | $\begin{gathered} 93.4 \\ (89.9-96.0) \\ \hline \end{gathered}$ | $\begin{gathered} 43.2 \\ (36.6-50.5) \\ \hline \end{gathered}$ | $\begin{gathered} 77.9 \\ (71.9-82.9) \\ \hline \end{gathered}$ | $\begin{gathered} 71.3 \\ (65.2-77.2) \\ \hline \end{gathered}$ | $\begin{gathered} 68.6 \\ (61.9-75.1) \\ \hline \end{gathered}$ |
| Maryland | 1,277 | $\begin{gathered} 92.9 \\ (90.5-95.0) \\ \hline \end{gathered}$ | $\begin{gathered} 83.8 \\ (80.3-87.0) \\ \hline \end{gathered}$ | $\begin{gathered} 80.3 \\ (76.6-83.6) \end{gathered}$ | $\begin{gathered} 95.8 \\ (93.8-97.2) \\ \hline \end{gathered}$ | $\begin{gathered} 45.7 \\ (41.4-50.3)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 80.7 \\ (77.1-83.9) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 67.7 \\ (63.6-71.8)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 75.3 \\ (71.5-79.0) \\ \hline \end{gathered}$ |
| Pennsylvania | 1,060 | $\begin{gathered} 94.2 \\ (91.3-96.4) \end{gathered}$ | $\begin{gathered} 84.4 \\ (80.3-88.0) \\ \hline \end{gathered}$ | $\begin{gathered} 88.4 \\ (85.4-90.9) \\ \hline \end{gathered}$ | $\begin{gathered} 95.2 \\ (92.7-97.1) \\ \hline \end{gathered}$ | $\begin{gathered} 56.4 \\ (51.3-61.7) \end{gathered}$ | $\begin{gathered} 80.5 \\ (76.2-84.3) \\ \hline \end{gathered}$ | $\begin{gathered} 76.6 \\ (72.1-80.8) \end{gathered}$ | $\begin{gathered} 74.4 \\ (69.8-78.8) \\ \hline \end{gathered}$ |
| PA-Philadelphia | 361 | $\begin{gathered} 93.9 \\ (90.3-96.5) \end{gathered}$ | $\begin{gathered} 83.0 \\ (76.6-88.5) \end{gathered}$ | $\begin{gathered} 84.7 \\ (78.5-89.3) \\ \hline \end{gathered}$ | $\begin{gathered} 93.5 \\ (89.2-96.5) \\ \hline \end{gathered}$ | $\begin{gathered} 59.6 \\ (52.2-67.1) \\ \hline \end{gathered}$ | $\begin{gathered} 76.2 \\ (69.6-81.6) \\ \hline \end{gathered}$ | $\begin{gathered} 68.4 \\ (61.6-75.0) \\ \hline \end{gathered}$ | $\begin{gathered} 73.1 \\ (66.4-79.4) \\ \hline \end{gathered}$ |


| PA-Rest of State | 699 | $\begin{gathered} 94.3 \\ (90.8-96.7) \end{gathered}$ | $\begin{gathered} 84.5 \\ (79.8-88.7) \end{gathered}$ | $\begin{gathered} 89.1 \\ (85.7-91.8) \end{gathered}$ | $\begin{gathered} 95.5 \\ (92.6-97.6) \\ \hline \end{gathered}$ | $\begin{gathered} 55.8 \\ (49.9-61.8) \\ \hline \end{gathered}$ | $\begin{gathered} 81.3 \\ (76.2-85.5) \\ \hline \end{gathered}$ | $\begin{gathered} 78.1 \\ (72.8-82.9) \end{gathered}$ | $\begin{gathered} 74.6 \\ (69.3-79.7) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Virginia | 829 | $\begin{gathered} 92.6 \\ (88.8-95.6) \\ \hline \end{gathered}$ | $\begin{gathered} 84.7 \\ (79.7-89.0) \\ \hline \end{gathered}$ | $\begin{gathered} 79.5 \\ (73.5-84.4) \\ \hline \end{gathered}$ | $\begin{gathered} 92.5 \\ (88.4-95.5) \\ \hline \end{gathered}$ | $\begin{gathered} 41.9 \\ (35.6-48.8) \\ \hline \end{gathered}$ | $\begin{gathered} 75.9 \\ (69.8-81.1) \\ \hline \end{gathered}$ | $\begin{gathered} 73.7 \\ (68.0-79.1) \\ \hline \end{gathered}$ | $\begin{gathered} 77.0 \\ (71.5-82.2) \\ \hline \end{gathered}$ |
| West Virginia | 362 | $\begin{gathered} 89.8 \\ (85.5-93.3) \\ \hline \end{gathered}$ | $\begin{gathered} 77.7 \\ (71.8-83.1) \end{gathered}$ | $\begin{gathered} 81.9 \\ (75.9-86.7) \\ \hline \end{gathered}$ | $\begin{gathered} 93.0 \\ (88.5-96.2) \\ \hline \end{gathered}$ | $\begin{gathered} 52.5 \\ (45.7-59.6) \\ \hline \end{gathered}$ | $\begin{gathered} 69.5 \\ (62.8-75.4) \\ \hline \end{gathered}$ | $\begin{gathered} 55.6 \\ (49.1-62.5) \end{gathered}$ | $\begin{gathered} 58.0 \\ (51.4-64.8)^{+++} \\ \hline \end{gathered}$ |
| HHS Region IV | 3,710 | $\begin{gathered} 92.0 \\ (90.1-93.6) \\ \hline \end{gathered}$ | $\begin{gathered} 81.7 \\ (79.1-84.1) \\ \hline \end{gathered}$ | $\begin{gathered} 77.0 \\ (74.2-79.6)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 92.5 \\ (90.7-94.1) \\ \hline \end{gathered}$ | $\begin{gathered} 44.8 \\ (41.6-48.2)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 74.8 \\ (72.0-77.5) \\ \hline \end{gathered}$ | $\begin{gathered} 53.0 \\ (49.9-56.2)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 69.6 \\ (66.7-72.5) \\ \hline \end{gathered}$ |
| Alabama | 372 | $\begin{gathered} 95.7 \\ (92.8-97.6) \\ \hline \end{gathered}$ | $\begin{gathered} 80.4 \\ (74.1-85.9) \\ \hline \end{gathered}$ | $\begin{gathered} 79.8 \\ (73.0-85.2) \\ \hline \end{gathered}$ | $\begin{gathered} 94.4 \\ (91.1-96.8) \end{gathered}$ | $\begin{gathered} 37.8 \\ (31.3-45.3) \\ \hline \end{gathered}$ | $\begin{gathered} 74.3 \\ (67.6-80.0) \end{gathered}$ | $\begin{gathered} 39.7 \\ (33.3-46.9) \\ \hline \end{gathered}$ | $\begin{gathered} 67.2 \\ (59.9-74.3) \end{gathered}$ |
| Florida | 505 | $\begin{gathered} 91.7 \\ (86.8-95.3) \\ \hline \end{gathered}$ | $\begin{gathered} 84.9 \\ (78.8-90.0) \\ \hline \end{gathered}$ | $\begin{gathered} 70.0 \\ (62.3-76.7)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 91.0 \\ (86.1-94.7) \\ \hline \end{gathered}$ | $\begin{gathered} 46.8 \\ (38.5-55.8) \\ \hline \end{gathered}$ | $\begin{gathered} 73.1 \\ (65.7-79.4) \\ \hline \end{gathered}$ | $\begin{gathered} 50.0 \\ (42.1-58.4)^{* * *} \end{gathered}$ | $\begin{gathered} 71.9 \\ (64.8-78.7) \\ \hline \end{gathered}$ |
| Georgia | 441 | $\begin{gathered} 88.2 \\ (82.2-92.9) \\ \hline \end{gathered}$ | $\begin{gathered} 72.7 \\ (65.3-79.7) \\ \hline \end{gathered}$ | $\begin{gathered} 78.6 \\ (71.7-84.1) \\ \hline \end{gathered}$ | $\begin{gathered} 90.4 \\ (85.0-94.5) \\ \hline \end{gathered}$ | $\begin{gathered} 44.3 \\ (37.2-52.1) \\ \hline \end{gathered}$ | $\begin{gathered} 72.3 \\ (65.1-78.6) \\ \hline \end{gathered}$ | $\begin{gathered} 41.9 \\ (35.1-49.5) \\ \hline \end{gathered}$ | $\begin{gathered} 61.3 \\ (53.9-68.8) \\ \hline \end{gathered}$ |
| Kentucky | 425 | $\begin{gathered} 89.2 \\ (84.2-93.2) \\ \hline \end{gathered}$ | $\begin{gathered} 82.0 \\ (76.1-87.2) \\ \hline \end{gathered}$ | $\begin{gathered} 81.0 \\ (74.6-86.2) \\ \hline \end{gathered}$ | $\begin{gathered} 92.3 \\ (87.5-95.8) \end{gathered}$ | $\begin{gathered} 49.9 \\ (43.1-57.2) \\ \hline \end{gathered}$ | $\begin{gathered} 77.3 \\ (71.1-82.6) \\ \hline \end{gathered}$ | $\begin{gathered} 56.1 \\ (49.4-62.9) \end{gathered}$ | $\begin{gathered} 72.3 \\ (65.7-78.5) \end{gathered}$ |
| Mississippi | 492 | $\begin{gathered} 91.5 \\ (87.8-94.5) \\ \hline \end{gathered}$ | $\begin{gathered} 80.1 \\ (74.6-85.1) \\ \hline \end{gathered}$ | $\begin{gathered} 80.7 \\ (74.9-85.4) \\ \hline \end{gathered}$ | $\begin{gathered} 91.9 \\ (87.8-95.0) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 36.9 \\ (30.8-43.8) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 63.8 \\ (57.1-70.0) \\ \hline \end{gathered}$ | $\begin{gathered} 40.9 \\ (34.9-47.6) \\ \hline \end{gathered}$ | $\begin{gathered} 68.5 \\ (62.5-74.4) \\ \hline \end{gathered}$ |
| North Carolina | 442 | $\begin{gathered} 95.3 \\ (92.2-97.5) \\ \hline \end{gathered}$ | $\begin{gathered} 86.4 \\ (80.7-91.1) \\ \hline \end{gathered}$ | $\begin{gathered} 85.5 \\ (79.7-89.8)^{* * *} \end{gathered}$ | $\begin{gathered} 95.6 \\ (92.0-97.9) \\ \hline \end{gathered}$ | $\begin{gathered} 40.1 \\ (32.9-48.3) \\ \hline \end{gathered}$ | $\begin{gathered} 81.9 \\ (75.1-87.1) \\ \hline \end{gathered}$ | $\begin{gathered} 72.8 \\ (65.4-79.8) \\ \hline \end{gathered}$ | $\begin{gathered} 76.5 \\ (70.1-82.4) \\ \hline \end{gathered}$ |
| South Carolina | 382 | $\begin{gathered} 92.2 \\ (88.1-95.3) \end{gathered}$ | $\begin{gathered} 81.1 \\ (75.0-86.6) \\ \hline \end{gathered}$ | $\begin{gathered} 78.7 \\ (72.2-84.1) \\ \hline \end{gathered}$ | $\begin{gathered} 93.8 \\ (89.2-97.0) \\ \hline \end{gathered}$ | $\begin{gathered} 51.4 \\ (44.4-58.7)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 77.8 \\ (71.2-83.2) \\ \hline \end{gathered}$ | $\begin{gathered} 48.3 \\ (41.3-55.8) \\ \hline \end{gathered}$ | $\begin{gathered} 65.0 \\ (58.0-72.0) \end{gathered}$ |
| Tennessee | 651 | $\begin{gathered} 93.7 \\ (90.7-96.0) \\ \hline \end{gathered}$ | $\begin{gathered} 81.5 \\ (76.6-85.8) \\ \hline \end{gathered}$ | $\begin{gathered} 74.1 \\ (68.9-78.8) \\ \hline \end{gathered}$ | $\begin{gathered} 93.6 \\ (89.8-96.3) \\ \hline \end{gathered}$ | $\begin{gathered} 47.6 \\ (42.0-53.6) \\ \hline \end{gathered}$ | $\begin{gathered} 74.9 \\ (69.6-79.7) \\ \hline \end{gathered}$ | $\begin{gathered} 65.4 \\ (60.0-70.8)^{* * *} \end{gathered}$ | $\begin{gathered} 70.0 \\ (64.7-75.2) \end{gathered}$ |
| HHS Region V | 3,417 | $\begin{gathered} 89.9 \\ (88.2-91.4) \\ \hline \end{gathered}$ | $\begin{gathered} 80.5 \\ (78.3-82.5) \end{gathered}$ | $\begin{gathered} 81.3 \\ (79.2-83.2) \\ \hline \end{gathered}$ | $\begin{gathered} 92.7 \\ (91.2-93.9) \end{gathered}$ | $\begin{gathered} 47.4 \\ (44.9-50.0) \end{gathered}$ | $\begin{gathered} 76.3 \\ (74.1-78.4) \\ \hline \end{gathered}$ | $\begin{gathered} 67.7 \\ (65.3-70.2)^{* * *} \end{gathered}$ | $\begin{gathered} 67.9 \\ (65.5-70.4)^{++\dagger} \end{gathered}$ |
| Illinois | 879 | $\begin{gathered} 88.4 \\ (84.8-91.4)^{+++} \\ \hline \end{gathered}$ | $\begin{gathered} 78.6 \\ (74.4-82.6) \\ \hline \end{gathered}$ | $\begin{gathered} 80.6 \\ (76.7-84.0) \\ \hline \end{gathered}$ | $\begin{gathered} 91.7 \\ (88.3-94.4) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 41.0 \\ (36.5-45.9) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 77.8 \\ (73.4-81.6) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 63.4 \\ (58.7-68.1) \\ \hline \end{gathered}$ | $\begin{gathered} 67.6 \\ (62.9-72.2) \\ \hline \end{gathered}$ |
| IL-City of Chicago | 266 | $\begin{gathered} 87.8 \\ (81.2-93.0) \\ \hline \end{gathered}$ | $\begin{gathered} 80.8 \\ (73.2-87.4) \\ \hline \end{gathered}$ | $\begin{gathered} 83.8 \\ (77.4-88.6) \\ \hline \end{gathered}$ | $\begin{gathered} 96.1 \\ (93.1-98.0) \\ \hline \end{gathered}$ | $\begin{gathered} 40.5 \\ (32.3-49.9) \\ \hline \end{gathered}$ | $\begin{gathered} 81.2 \\ (73.6-87.0) \\ \hline \end{gathered}$ | $\begin{gathered} 65.8 \\ (57.2-74.2) \\ \hline \end{gathered}$ | $\begin{gathered} 70.6 \\ (62.2-78.5) \\ \hline \end{gathered}$ |
| IL-Rest of State | 613 | $\begin{gathered} 88.5 \\ (84.2-92.0) \\ \hline \end{gathered}$ | $\begin{gathered} 78.0 \\ (73.0-82.7) \end{gathered}$ | $\begin{gathered} 79.6 \\ (74.9-83.7) \end{gathered}$ | $\begin{gathered} 90.3 \\ (86.1-93.7) \\ \hline \end{gathered}$ | $\begin{gathered} 41.3 \\ (35.9-47.1) \\ \hline \end{gathered}$ | $\begin{gathered} 76.7 \\ (71.5-81.3) \end{gathered}$ | $\begin{gathered} 62.7 \\ (57.2-68.3) \\ \hline \end{gathered}$ | $\begin{gathered} 66.7 \\ (61.2-72.1) \\ \hline \end{gathered}$ |
| Indiana | 406 | $\begin{gathered} 85.6 \\ (80.1-90.2) \\ \hline \end{gathered}$ | $\begin{gathered} 80.8 \\ (75.0-86.1) \\ \hline \end{gathered}$ | $\begin{gathered} 82.9 \\ (77.4-87.3) \\ \hline \end{gathered}$ | $\begin{gathered} 89.9 \\ (85.3-93.5) \\ \hline \end{gathered}$ | $\begin{gathered} 50.7 \\ (43.9-57.9) \\ \hline \end{gathered}$ | $\begin{gathered} 74.7 \\ (68.3-80.2) \end{gathered}$ | $\begin{gathered} 63.7 \\ (56.5-70.9)^{* * *} \end{gathered}$ | $\begin{gathered} 67.3 \\ (60.2-74.2) \\ \hline \end{gathered}$ |
| Michigan | 624 | $\begin{gathered} 93.7 \\ (90.1-96.4) \end{gathered}$ | $\begin{gathered} 84.6 \\ (80.1-88.5) \\ \hline \end{gathered}$ | $\begin{gathered} 81.7 \\ (75.7-86.4) \\ \hline \end{gathered}$ | $\begin{gathered} 96.6 \\ (94.3-98.1)^{* * *} \end{gathered}$ | $\begin{gathered} 56.1 \\ (50.0-62.5) \end{gathered}$ | $\begin{gathered} 74.6 \\ (69.1-79.5) \\ \hline \end{gathered}$ | $\begin{gathered} 69.6 \\ (63.9-75.1)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 70.5 \\ (64.7-76.0) \\ \hline \end{gathered}$ |
| Minnesota | 495 | $\begin{gathered} 93.1 \\ (89.2-95.9) \\ \hline \end{gathered}$ | $\begin{gathered} 77.9 \\ (71.6-83.7)^{+++} \end{gathered}$ | $\begin{gathered} 78.8 \\ (72.3-84.1) \\ \hline \end{gathered}$ | $\begin{gathered} 93.7 \\ (89.5-96.6) \\ \hline \end{gathered}$ | $\begin{gathered} 47.3 \\ (40.4-54.7) \end{gathered}$ | $\begin{gathered} 84.3 \\ (78.2-89.0) \\ \hline \end{gathered}$ | $\begin{gathered} 76.3 \\ (70.0-82.2) \\ \hline \end{gathered}$ | $\begin{gathered} 65.2 \\ (58.3-71.9)^{+++} \end{gathered}$ |
| Ohio | 644 | $\begin{gathered} 90.4 \\ (86.2-93.8) \\ \hline \end{gathered}$ | $\begin{gathered} 79.9 \\ (74.4-84.9) \end{gathered}$ | $\begin{gathered} 81.7 \\ (76.7-85.8) \end{gathered}$ | $\begin{gathered} 92.9 \\ (89.4-95.5) \\ \hline \end{gathered}$ | $\begin{gathered} 45.7 \\ (40.1-51.7) \\ \hline \end{gathered}$ | $\begin{gathered} 72.8 \\ (67.0-77.9) \end{gathered}$ | $\begin{gathered} 67.1 \\ (61.4-72.7)^{* * *} \end{gathered}$ | $\begin{gathered} 65.6 \\ (59.7-71.4) \end{gathered}$ |
| Wisconsin | 369 | $\begin{gathered} 87.5 \\ (82.1-92.0) \\ \hline \end{gathered}$ | $\begin{gathered} 81.2 \\ (75.2-86.5) \\ \hline \end{gathered}$ | $\begin{gathered} 82.0 \\ (74.9-87.5) \end{gathered}$ | $\begin{gathered} 90.3 \\ (85.6-93.9) \\ \hline \end{gathered}$ | $\begin{gathered} 46.4 \\ (39.3-54.1) \end{gathered}$ | $\begin{gathered} 77.0 \\ (70.3-82.5) \\ \hline \end{gathered}$ | $\begin{gathered} 71.1 \\ (64.2-77.7) \end{gathered}$ | $\begin{gathered} 73.1 \\ (66.4-79.4) \\ \hline \end{gathered}$ |
| HHS Region VI | 3,947 | $\begin{gathered} \hline 89.8 \\ (87.8-91.5) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 79.0 \\ (76.5-81.3) \\ \hline \end{gathered}$ | $\begin{gathered} 80.8 \\ (78.6-82.9)^{* * *} \end{gathered}$ | $\begin{gathered} 92.8 \\ (91.2-94.1)^{* * *} \end{gathered}$ | $\begin{gathered} 49.2 \\ (46.2-52.3) \\ \hline \end{gathered}$ | $\begin{gathered} 77.4 \\ (74.9-79.6)^{* * *} \end{gathered}$ | $\begin{gathered} 53.3 \\ (50.4-56.3) \\ \hline \end{gathered}$ | $\begin{gathered} 68.2 \\ (65.4-71.0) \end{gathered}$ |


| Arkansas | 662 | $\begin{gathered} 88.8 \\ (84.7-92.3) \\ \hline \end{gathered}$ | $\begin{gathered} 73.5 \\ (67.9-78.8) \\ \hline \end{gathered}$ | $\begin{gathered} 80.0 \\ (75.1-84.1) \\ \hline \end{gathered}$ | $\begin{gathered} 90.6 \\ (86.4-93.9) \\ \hline \end{gathered}$ | $\begin{gathered} 42.6 \\ (36.9-48.7) \\ \hline \end{gathered}$ | $\begin{gathered} 77.0 \\ (71.7-81.5) \end{gathered}$ | $\begin{gathered} 49.2 \\ (43.6-55.2)^{* * *} \end{gathered}$ | $\begin{gathered} 66.0 \\ (60.3-71.6) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Louisiana | 633 | $\begin{gathered} 90.4 \\ (86.0-93.8) \\ \hline \end{gathered}$ | $\begin{gathered} 72.3 \\ (66.3-77.9) \end{gathered}$ | $\begin{gathered} 70.8 \\ (64.5-76.4) \end{gathered}$ | $\begin{gathered} 92.3 \\ (88.4-95.3) \\ \hline \end{gathered}$ | $\begin{gathered} 38.0 \\ (31.8-45.0) \end{gathered}$ | $\begin{gathered} 62.7 \\ (56.1-68.8) \end{gathered}$ | $\begin{gathered} 42.9 \\ (36.9-49.4) \end{gathered}$ | $\begin{gathered} 60.9 \\ (54.5-67.2) \end{gathered}$ |
| New Mexico | 671 | $\begin{gathered} 94.4 \\ (91.4-96.6) \end{gathered}$ | $\begin{gathered} 83.4 \\ (79.0-87.4) \end{gathered}$ | $\begin{gathered} 72.3 \\ (66.6-77.4) \end{gathered}$ | $\begin{gathered} 94.8 \\ (92.0-96.9) \end{gathered}$ | $\begin{array}{c\|} \hline 59.9 \\ (54.0-65.9)^{* * *} \\ \hline \end{array}$ | $\begin{gathered} 80.6 \\ (75.5-84.9) \end{gathered}$ | $\begin{gathered} 62.2 \\ (56.5-67.9) \end{gathered}$ | $\begin{gathered} 75.4 \\ (70.6-79.9)^{* * *} \end{gathered}$ |
| Oklahoma | 309 | $\begin{gathered} 88.5 \\ (83.1-92.7) \\ \hline \end{gathered}$ | $\begin{gathered} 77.3 \\ (70.9-83.2) \\ \hline \end{gathered}$ | $\begin{gathered} 76.0 \\ (69.3-81.6) \\ \hline \end{gathered}$ | $\begin{gathered} 92.1 \\ (87.2-95.7) \\ \hline \end{gathered}$ | $\begin{gathered} 41.6 \\ (34.5-49.5) \\ \hline \end{gathered}$ | $\begin{gathered} 73.8 \\ (66.3-80.1) \\ \hline \end{gathered}$ | $\begin{gathered} 48.4 \\ (41.2-56.1) \\ \hline \end{gathered}$ | $\begin{gathered} 66.3 \\ (59.1-73.3) \\ \hline \end{gathered}$ |
| Texas ${ }^{\text {¢ }}$ ¢ | 1,672 | $\begin{gathered} 89.7 \\ (87.0-92.0) \end{gathered}$ | $\begin{gathered} 80.4 \\ (77.2-83.5) \end{gathered}$ | $\begin{gathered} 83.5 \\ (80.5-86.1)^{* * *} \end{gathered}$ | $\begin{gathered} 93.0 \\ (91.0-94.7)^{* * *} \end{gathered}$ | $\begin{gathered} 51.8 \\ (47.9-56.0) \end{gathered}$ | $\begin{gathered} 79.9 \\ (76.7-82.7)^{* * *} \end{gathered}$ | $\begin{gathered} 55.3 \\ (51.4-59.3) \end{gathered}$ | $\begin{gathered} 69.3 \\ (65.6-73.0) \end{gathered}$ |
| TX-Bexar County | 374 | $\begin{gathered} 89.1 \\ (84.0-93.2) \\ \hline \end{gathered}$ | $\begin{gathered} 75.7 \\ (69.5-81.6) \\ \hline \end{gathered}$ | $\begin{gathered} 81.8 \\ (75.9-86.6) \\ \hline \end{gathered}$ | $\begin{gathered} 91.2 \\ (86.7-94.7) \\ \hline \end{gathered}$ | $\begin{gathered} 45.6 \\ (38.7-53.1) \\ \hline \end{gathered}$ | $\begin{gathered} 76.1 \\ (70.1-81.2) \\ \hline \end{gathered}$ | $\begin{gathered} 63.7 \\ (56.7-70.6) \\ \hline \end{gathered}$ | $\begin{gathered} 67.4 \\ (60.9-73.8) \\ \hline \end{gathered}$ |
| TX-City of Houston | 334 | $\begin{gathered} 91.2 \\ (86.3-94.9) \\ \hline \end{gathered}$ | $\begin{gathered} 80.9 \\ (74.6-86.6) \\ \hline \end{gathered}$ | $\begin{gathered} 79.2 \\ (72.1-84.8) \end{gathered}$ | $\begin{gathered} 92.1 \\ (87.2-95.6) \\ \hline \end{gathered}$ | $\begin{gathered} 55.4 \\ (48.1-63.0) \\ \hline \end{gathered}$ | $\begin{gathered} 82.2 \\ (75.8-87.2)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 61.7 \\ (54.6-68.9) \\ \hline \end{gathered}$ | $\begin{gathered} 72.3 \\ (65.4-78.8) \\ \hline \end{gathered}$ |
| TX-Rest of State | 964 | $\begin{gathered} 89.5 \\ (86.2-92.2) \\ \hline \end{gathered}$ | $\begin{gathered} 80.7 \\ (76.8-84.3) \\ \hline \end{gathered}$ | $\begin{gathered} 84.4 \\ (80.8-87.4)^{* * *} \end{gathered}$ | $\begin{gathered} 93.3 \\ (90.9-95.3)^{* * *} \end{gathered}$ | $\begin{gathered} 51.8 \\ (47.0-56.7) \\ \hline \end{gathered}$ | $\begin{gathered} 79.8 \\ (76.0-83.2)^{* * *} \end{gathered}$ | $\begin{gathered} 53.6 \\ (49.0-58.4) \end{gathered}$ | $\begin{gathered} 69.0 \\ (64.5-73.4) \\ \hline \end{gathered}$ |
| HHS Region VII | 2,113 | $\begin{gathered} 91.8 \\ (89.6-93.7) \end{gathered}$ | $\begin{array}{c\|} \hline 82.7 \\ (80.0-85.2)^{* * *} \\ \hline \end{array}$ | $\begin{gathered} 83.2 \\ (80.6-85.5) \\ \hline \end{gathered}$ | $\begin{gathered} 92.7 \\ (90.6-94.5) \end{gathered}$ | $\begin{gathered} 50.8 \\ (47.4-54.2)^{* * *} \end{gathered}$ | $\begin{gathered} 78.6 \\ (75.7-81.3)^{* * *} \end{gathered}$ | $\begin{gathered} 60.6 \\ (57.3-63.9)^{* * *} \end{gathered}$ | $\begin{gathered} 72.7 \\ (69.6-75.6) \end{gathered}$ |
| lowa | 396 | $\begin{gathered} 97.5 \\ (94.9-98.9)^{* * *} \end{gathered}$ | $\begin{gathered} 90.5 \\ (86.2-93.9)^{* * *} \end{gathered}$ | $\begin{gathered} 84.6 \\ (78.8-89.0) \\ \hline \end{gathered}$ | $\begin{gathered} 96.8 \\ (94.0-98.5) \\ \hline \end{gathered}$ | $\begin{gathered} 59.1 \\ (51.9-66.5) \\ \hline \end{gathered}$ | $\begin{gathered} 85.3 \\ (79.5-89.7)^{* * *} \end{gathered}$ | $\begin{gathered} 51.9 \\ (44.9-59.2) \\ \hline \end{gathered}$ | $\begin{gathered} 84.8 \\ (79.7-89.2)^{* * *} \end{gathered}$ |
| Kansas | 609 | $\begin{gathered} 91.4 \\ (87.3-94.6) \\ \hline \end{gathered}$ | $\begin{gathered} 81.0 \\ (75.6-85.8) \\ \hline \end{gathered}$ | $\begin{gathered} 78.8 \\ (73.3-83.5) \\ \hline \end{gathered}$ | $\begin{gathered} 93.3 \\ (89.8-96.0) \\ \hline \end{gathered}$ | $\begin{gathered} 57.8 \\ (51.4-64.3) \\ \hline \end{gathered}$ | $\begin{gathered} 78.1 \\ (72.6-82.8) \\ \hline \end{gathered}$ | $\begin{gathered} 61.5 \\ (55.5-67.6) \\ \hline \end{gathered}$ | $\begin{gathered} 67.7 \\ (61.7-73.6) \\ \hline \end{gathered}$ |
| Missouri | 664 | $\begin{gathered} 88.2 \\ (83.7-92.0) \\ \hline \end{gathered}$ | $\begin{gathered} 78.6 \\ (73.4-83.4) \\ \hline \end{gathered}$ | $\begin{gathered} 84.1 \\ (79.5-87.9) \\ \hline \end{gathered}$ | $\begin{gathered} 89.2 \\ (84.8-92.8) \\ \hline \end{gathered}$ | $\begin{gathered} 40.4 \\ (34.9-46.5) \\ \hline \end{gathered}$ | $\begin{gathered} 74.4 \\ (68.9-79.3) \\ \hline \end{gathered}$ | $\begin{gathered} 60.1 \\ (54.4-65.9) \\ \hline \end{gathered}$ | $\begin{gathered} 68.8 \\ (63.3-74.2) \\ \hline \end{gathered}$ |
| Nebraska | 444 | $\begin{gathered} 93.6 \\ (90.4-96.0) \\ \hline \end{gathered}$ | $\begin{gathered} 84.7 \\ (80.0-88.9) \\ \hline \end{gathered}$ | $\begin{gathered} 84.6 \\ (79.1-88.8) \\ \hline \end{gathered}$ | $\begin{gathered} 95.7 \\ (93.3-97.4) \\ \hline \end{gathered}$ | $\begin{gathered} 57.4 \\ (50.8-64.1) \\ \hline \end{gathered}$ | $\begin{gathered} 81.5 \\ (76.2-85.8) \\ \hline \end{gathered}$ | $\begin{gathered} 73.8 \\ (67.7-79.5) \\ \hline \end{gathered}$ | $\begin{gathered} 72.1 \\ (66.2-77.7) \\ \hline \end{gathered}$ |
| HHS Region VIII | 2,826 | $\begin{gathered} 92.6 \\ (90.5-94.4) \\ \hline \end{gathered}$ | $\begin{gathered} 81.9 \\ (78.8-84.8) \\ \hline \end{gathered}$ | $\begin{gathered} 82.6 \\ (79.7-85.3) \\ \hline \end{gathered}$ | $\begin{gathered} 95.2 \\ (93.5-96.6) \\ \hline \end{gathered}$ | $\begin{gathered} 43.4 \\ (39.7-47.2) \\ \hline \end{gathered}$ | $\begin{gathered} 83.5 \\ (80.7-85.9)^{* * *} \\ \hline \end{gathered}$ | $\begin{array}{\|c\|} \hline 73.5 \\ (70.3-76.7)^{* * *} \\ \hline \end{array}$ | $\begin{gathered} 72.4 \\ (69.0-75.8) \\ \hline \end{gathered}$ |
| Colorado | 446 | $\begin{gathered} 92.1 \\ (87.6-95.4) \\ \hline \end{gathered}$ | $\begin{gathered} 79.8 \\ (73.5-85.5) \\ \hline \end{gathered}$ | $\begin{gathered} 82.6 \\ (76.2-87.5) \\ \hline \end{gathered}$ | $\begin{gathered} 95.3 \\ (91.5-97.7) \\ \hline \end{gathered}$ | $\begin{gathered} 36.5 \\ (29.6-44.3) \\ \hline \end{gathered}$ | $\begin{gathered} 84.8 \\ (79.0-89.3) \\ \hline \end{gathered}$ | $\begin{gathered} 74.1 \\ (67.6-80.1) \\ \hline \end{gathered}$ | $\begin{gathered} 69.7 \\ (62.8-76.2) \\ \hline \end{gathered}$ |
| Montana | 367 | $\begin{gathered} 90.7 \\ (86.0-94.3) \\ \hline \end{gathered}$ | $\begin{gathered} 76.7 \\ (70.3-82.5) \\ \hline \end{gathered}$ | $\begin{gathered} 73.0 \\ (66.6-78.5) \\ \hline \end{gathered}$ | $\begin{gathered} 94.5 \\ (91.2-96.8) \end{gathered}$ | $\begin{gathered} 32.4 \\ (26.5-39.1) \\ \hline \end{gathered}$ | $\begin{gathered} 77.2 \\ (71.1-82.3)^{* * *} \end{gathered}$ | $\begin{gathered} 69.7 \\ (63.4-75.8)^{* * *} \end{gathered}$ | $\begin{gathered} 67.5 \\ (61.0-74.0) \\ \hline \end{gathered}$ |
| North Dakota | 462 | $\begin{gathered} 94.2 \\ (90.5-96.8) \\ \hline \end{gathered}$ | $\begin{gathered} 85.2 \\ (80.3-89.5) \\ \hline \end{gathered}$ | $\begin{gathered} 83.0 \\ (77.2-87.6) \\ \hline \end{gathered}$ | $\begin{gathered} 95.3 \\ (92.2-97.4) \\ \hline \end{gathered}$ | $\begin{gathered} 55.0 \\ (48.0-62.3) \\ \hline \end{gathered}$ | $\begin{gathered} 82.4 \\ (76.7-87.0) \\ \hline \end{gathered}$ | $\begin{gathered} 77.4 \\ (71.5-82.8)^{* * *} \end{gathered}$ | $\begin{gathered} 80.4 \\ (75.0-85.2)^{* * *} \\ \hline \end{gathered}$ |
| South Dakota | 604 | $\begin{gathered} 93.5 \\ (90.1-96.0) \\ \hline \end{gathered}$ | $\begin{gathered} 77.2 \\ (72.0-82.0) \\ \hline \end{gathered}$ | $\begin{gathered} 84.8 \\ (80.6-88.2) \\ \hline \end{gathered}$ | $\begin{gathered} 95.0 \\ (91.7-97.2) \\ \hline \end{gathered}$ | $\begin{gathered} 54.9 \\ (49.3-60.7) \\ \hline \end{gathered}$ | $\begin{gathered} 78.7 \\ (73.7-83.0) \\ \hline \end{gathered}$ | $\begin{gathered} 72.8 \\ (67.3-78.0) \\ \hline \end{gathered}$ | $\begin{gathered} 68.7 \\ (63.3-73.9) \\ \hline \end{gathered}$ |
| Utah | 508 | $\begin{gathered} 93.4 \\ (89.9-96.0) \\ \hline \end{gathered}$ | $\begin{gathered} 86.8 \\ (82.5-90.5) \\ \hline \end{gathered}$ | $\begin{gathered} 84.8 \\ (80.1-88.6) \\ \hline \end{gathered}$ | $\begin{gathered} 95.8 \\ (92.8-97.8) \end{gathered}$ | $\begin{gathered} 49.4 \\ (43.6-55.5) \\ \hline \end{gathered}$ | $\begin{gathered} 85.1 \\ (80.5-88.8) \\ \hline \end{gathered}$ | $\begin{gathered} 74.5 \\ (69.2-79.6)^{* * *} \end{gathered}$ | $\begin{gathered} 76.8 \\ (71.5-81.8) \\ \hline \end{gathered}$ |
| Wyoming | 439 | $\begin{gathered} 92.9 \\ (89.1-95.8) \\ \hline \end{gathered}$ | $\begin{gathered} 78.5 \\ (73.1-83.4) \\ \hline \end{gathered}$ | $\begin{gathered} 80.9 \\ (75.5-85.3)^{* * *} \end{gathered}$ | $\begin{gathered} 93.6 \\ (89.9-96.3) \\ \hline \end{gathered}$ | $\begin{gathered} 47.9 \\ (41.4-54.9)^{* * *} \end{gathered}$ | $\begin{gathered} 80.2 \\ (74.9-84.7) \\ \hline \end{gathered}$ | $\begin{gathered} 63.0 \\ (56.8-69.3)^{* * *} \end{gathered}$ | $\begin{gathered} 70.6 \\ (64.8-76.3) \\ \hline \end{gathered}$ |
| HHS Region IX | 2,372 | $\begin{gathered} 92.0 \\ (89.2-94.3) \\ \hline \end{gathered}$ | $\begin{gathered} 83.8 \\ (80.1-87.1) \\ \hline \end{gathered}$ | $\begin{gathered} 76.6 \\ (72.7-80.2) \\ \hline \end{gathered}$ | $\begin{gathered} 94.4 \\ (92.4-96.1) \\ \hline \end{gathered}$ | $\begin{gathered} 52.6 \\ (48.2-57.1) \\ \hline \end{gathered}$ | $\begin{gathered} 76.7 \\ (72.9-80.2) \\ \hline \end{gathered}$ | $\begin{gathered} 67.2 \\ (63.1-71.1)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 69.2 \\ (64.9-73.4) \\ \hline \end{gathered}$ |
| Arizona | 430 | $\begin{gathered} 95.3 \\ (91.8-97.6)^{* * *} \end{gathered}$ | $\begin{gathered} 83.9 \\ (78.1-88.9) \\ \hline \end{gathered}$ | $\begin{gathered} 85.2 \\ (79.7-89.4) \\ \hline \end{gathered}$ | $\begin{gathered} 93.1 \\ (88.6-96.3) \\ \hline \end{gathered}$ | $\begin{gathered} 47.7 \\ (40.8-55.2) \\ \hline \end{gathered}$ | $\begin{gathered} 76.7 \\ (70.0-82.3) \\ \hline \end{gathered}$ | $\begin{gathered} 57.4 \\ (50.5-64.4) \\ \hline \end{gathered}$ | $\begin{gathered} 71.5 \\ (65.1-77.5) \\ \hline \end{gathered}$ |


| California | 920 | $\begin{gathered} 91.4 \\ (87.8-94.3) \end{gathered}$ | $\begin{gathered} 84.0 \\ (79.3-88.2) \end{gathered}$ | $\begin{gathered} 74.1 \\ (69.0-78.5) \end{gathered}$ | $\begin{gathered} 94.8 \\ (92.2-96.8) \end{gathered}$ | $\begin{gathered} 53.4 \\ (47.9-59.1) \\ \hline \end{gathered}$ | $\begin{gathered} 77.0 \\ (72.0-81.2) \end{gathered}$ | $\begin{gathered} 70.0 \\ (64.9-74.9)^{* * *} \end{gathered}$ | $\begin{gathered} 68.2 \\ (62.8-73.5) \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hawaii | 428 | $\begin{gathered} 86.5 \\ (81.5-90.7) \\ \hline \end{gathered}$ | $\begin{gathered} 77.8 \\ (71.7-83.3) \end{gathered}$ | $\begin{gathered} 85.5 \\ (80.9-89.1) \\ \hline \end{gathered}$ | $\begin{gathered} 89.2 \\ (85.0-92.7) \\ \hline \end{gathered}$ | $\begin{gathered} 46.1 \\ (39.5-53.1) \end{gathered}$ | $\begin{gathered} 77.2 \\ (71.1-82.3) \\ \hline \end{gathered}$ | $\begin{gathered} 62.1 \\ (55.6-68.7) \\ \hline \end{gathered}$ | $\begin{gathered} 72.0 \\ (65.7-77.9) \end{gathered}$ |
| Nevada | 594 | $\begin{gathered} 93.6 \\ (90.6-95.9)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 83.5 \\ (79.0-87.4)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 85.4 \\ (81.6-88.5)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 95.0 \\ (92.4-97.0)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 56.5 \\ (50.5-62.6) \\ \hline \end{gathered}$ | $\begin{gathered} 73.4 \\ (67.9-78.2) \\ \hline \end{gathered}$ | $\begin{gathered} 56.5 \\ (50.8-62.3)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 73.9 \\ (68.8-78.7)^{* * *} \\ \hline \end{gathered}$ |
| HHS Region X | 2,358 | $\begin{gathered} 92.5 \\ (90.6-94.1) \\ \hline \end{gathered}$ | $\begin{gathered} 82.6 \\ (79.8-85.2) \\ \hline \end{gathered}$ | $\begin{gathered} 82.3 \\ (79.8-84.6)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 94.7 \\ (93.2-95.9)^{* * *} \end{gathered}$ | $\begin{gathered} 49.0 \\ (45.6-52.6) \\ \hline \end{gathered}$ | $\begin{gathered} 80.2 \\ (77.4-82.7)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 70.2 \\ (67.1-73.3)^{* * *} \end{gathered}$ | $\begin{gathered} 71.9 \\ (68.8-75.0) \\ \hline \end{gathered}$ |
| Alaska | 446 | $\begin{gathered} 88.1 \\ (83.6-91.8) \end{gathered}$ | $\begin{gathered} 74.4 \\ (68.7-79.8) \end{gathered}$ | $\begin{gathered} 70.5 \\ (64.8-75.6) \end{gathered}$ | $\begin{gathered} 87.3 \\ (82.5-91.3) \end{gathered}$ | $\begin{gathered} 36.5 \\ (30.7-42.9) \end{gathered}$ | $\begin{gathered} \hline 63.4 \\ (57.4-69.1) \\ \hline \end{gathered}$ | $\begin{gathered} 62.2 \\ (56.2-68.2) \end{gathered}$ | $\begin{gathered} 58.2 \\ (52.3-64.3) \end{gathered}$ |
| Idaho | 641 | $\begin{gathered} 91.5 \\ (87.4-94.7) \\ \hline \end{gathered}$ | $\begin{gathered} 81.2 \\ (76.3-85.7) \\ \hline \end{gathered}$ | $\begin{gathered} 78.4 \\ (73.6-82.5) \\ \hline \end{gathered}$ | $\begin{gathered} 92.6 \\ (88.8-95.4) \end{gathered}$ | $\begin{gathered} 55.8 \\ (50.1-61.7) \end{gathered}$ | $\begin{gathered} 77.9 \\ (72.5-82.5) \\ \hline \end{gathered}$ | $\begin{gathered} 62.8 \\ (57.3-68.4) \\ \hline \end{gathered}$ | $\begin{gathered} 73.4 \\ (68.1-78.4) \\ \hline \end{gathered}$ |
| Oregon | 474 | $\begin{gathered} 92.2 \\ (88.4-95.1) \end{gathered}$ | $\begin{gathered} 81.6 \\ (76.5-86.1) \end{gathered}$ | $\begin{gathered} 85.8 \\ (81.2-89.4) \end{gathered}$ | $\begin{gathered} 94.9 \\ (92.0-97.0) \end{gathered}$ | $\begin{gathered} 50.9 \\ (44.6-57.5) \end{gathered}$ | $\begin{gathered} 76.2 \\ (69.9-81.6) \end{gathered}$ | $\begin{gathered} 67.4 \\ (61.2-73.4) \end{gathered}$ | $\begin{gathered} 73.5 \\ (67.9-78.8) \end{gathered}$ |
| Washington | 797 | $\begin{gathered} 93.4 \\ (90.5-95.6) \\ \hline \end{gathered}$ | $\begin{gathered} 84.2 \\ (79.9-88.1) \\ \hline \end{gathered}$ | $\begin{gathered} 82.9 \\ (78.8-86.3)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 95.8 \\ (93.5-97.4)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 47.7 \\ (42.5-53.2) \\ \hline \end{gathered}$ | $\begin{gathered} 84.5 \\ (80.4-87.8)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 74.2 \\ (69.5-78.7)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 72.2 \\ (67.4-76.8) \\ \hline \end{gathered}$ |
| Territories ${ }^{\text {¢99] }}$ |  |  |  |  |  |  |  |  |  |
| Guam | 194 | $\begin{gathered} 70.6 \\ (61.6-79.0) \\ \hline \end{gathered}$ | $\begin{gathered} 58.8 \\ (49.6-68.3) \\ \hline \end{gathered}$ | $\begin{gathered} 89.1 \\ (82.9-93.2) \\ \hline \end{gathered}$ | $\begin{gathered} 78.2 \\ (69.7-85.6) \\ \hline \end{gathered}$ | $\begin{gathered} 33.7 \\ (25.8-43.2) \\ \hline \end{gathered}$ | $\begin{gathered} 56.8 \\ (47.3-65.8) \\ \hline \end{gathered}$ | $\begin{gathered} 50.0 \\ (40.7-60.2) \\ \hline \end{gathered}$ | $\begin{gathered} 47.0 \\ (38.1-56.8) \\ \hline \end{gathered}$ |
| Puerto Rico | 505 | $\begin{gathered} 63.6 \\ (56.9-70.3) \end{gathered}$ | $\begin{gathered} 46.3 \\ (39.9-53.2) \\ \hline \end{gathered}$ | $\begin{gathered} 70.6 \\ (64.1-76.3) \end{gathered}$ | $\begin{gathered} 73.7 \\ (67.5-79.6) \end{gathered}$ | $\begin{gathered} 27.8 \\ (22.2-34.5) \\ \hline \end{gathered}$ | $\begin{gathered} 54.9 \\ (48.1-61.6) \end{gathered}$ | $\begin{gathered} 12.9 \\ (9.6-17.3) \end{gathered}$ | $\begin{gathered} 36.3 \\ (30.3-43.0) \\ \hline \end{gathered}$ |

Abbreviations: DTaP = diphtheria, tetanus toxoids, and acellular pertussis vaccine; HepA = hepatitis A vaccine; HepB = hepatitis B vaccine; Hib = Haemophilus influenzae type b conjugate vaccine; $M M R=$ measles, mumps, and rubella vaccine; $P C V=$ pneumococcal conjugate vaccine; $V A R=$ varicella vaccine.
 doses, depending on product type), $\geq 3$ doses of HepB, $\geq 1$ dose of VAR, and $\geq 4$ doses of PCV.
${ }^{+}$Includes vaccinations received by age 24 months (before the day the child turns 24 months), except for the HepB birth dose, and rotavirus vaccination. 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.
${ }^{\S}$ Data for the 2018 birth year are from survey years 2019, 2020, and 2021; data for the 2019 birth year are considered preliminary and are from survey years 2020 and 2021 (2022 data are not yet available).
${ }^{9}$ Includes children who might have received with measles, mumps, rubella, and varicella combination vaccine
** Includes children who might have received diphtheria and tetanus toxoids vaccine or diphtheria, tetanus toxoids, and pertussis vaccine.
${ }^{++}$One dose HepB administered from birth through age 3 days.
 3-dose series. The maximum age for the final rotavirus dose is 8 months, 0 days
${ }^{9 \uparrow}$ Doses must be at least 24 days apart (4 weeks with a 4-day grace period); doses could have been received during two influenza seasons.
*** Statistically significant increase in estimated coverage compared to children born in 2016-2017 (p<0.05).
${ }^{++\dagger}$ Statistically significant decrease in estimated coverage compared to children born in 2016-2017 (p<0.05).
${ }^{\S \S \S}$ Estimates for the Texas - Rest of State exclude Bexar County and the City of Houston.
आศศ Sample size was too small to calculate reliable coverage estimates for the U.S Virgin Islands.


