SUPPLEMENTARY TABLE 3. Estimated vaccination coverage with selected individual vaccines and a combined vaccine series* by age 24 months ${ }^{\dagger}$ among children born 2017-2018, ${ }^{\S}$ 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) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $\begin{gathered} \text { MMR } \\ (\geq 1 \text { dose })^{\pi} \end{gathered}$ | $\begin{gathered} \text { DTaP } \\ (\geq 4 \text { doses })^{* *} \end{gathered}$ | Hep B (birth dose) $^{\text {t+ }}$ | HepA |  | Rotavirus ${ }^{\text {§§ }}$ | $\begin{gathered} \text { Influenza } \\ \text { ( } \geq 2 \text { doses) }{ }^{\text {ma }} \end{gathered}$ | Combined <br> 7-vaccine series* |
|  |  |  |  |  | ( $\geq 1$ dose) | ( $\geq 2$ doses by age 35 months) ${ }^{+}$ |  |  |  |
| US National | 29,114 | $\begin{gathered} 91.6 \\ (90.8-92.2) \end{gathered}$ | $\begin{gathered} 81.6 \\ (80.6-82.5) \end{gathered}$ | $\begin{gathered} 78.4 \\ (77.4-79.4)^{* * *} \end{gathered}$ | $\begin{gathered} 87.0 \\ (86.2-87.9)^{* * *} \end{gathered}$ | $\begin{gathered} 77.7 \\ (76.1-79.1) \end{gathered}$ | $\begin{gathered} 75.6 \\ (74.6-76.7)^{* * *} \end{gathered}$ | $\begin{gathered} 60.6 \\ (59.4-61.8)^{* * *} \end{gathered}$ | $\begin{gathered} 70.5 \\ (69.4-71.7) \end{gathered}$ |
| HHS Region I | 2,597 | $\begin{gathered} 95.3 \\ (93.7-96.6) \end{gathered}$ | $\begin{gathered} 88.5 \\ (85.9-90.9) \end{gathered}$ | $\begin{gathered} 81.3 \\ (78.1-84.2)^{* * *} \end{gathered}$ | $\begin{gathered} 91.6 \\ (89.3-93.6) \end{gathered}$ | $\begin{gathered} 84.4 \\ (79.8-88.4) \end{gathered}$ | $\begin{gathered} 82.1 \\ (78.7-85.0) \end{gathered}$ | $\begin{gathered} 78.6 \\ (75.3-81.7) \end{gathered}$ | $\begin{gathered} 79.7 \\ (76.5-82.7) \end{gathered}$ |
| Connecticut | 314 | $\begin{gathered} 94.6 \\ (90.3-97.4) \\ \hline \end{gathered}$ | $\begin{gathered} 88.7 \\ (83.5-92.9) \\ \hline \end{gathered}$ | $\begin{gathered} 82.4 \\ (76.2-87.2) \end{gathered}$ | $\begin{gathered} 92.8 \\ (88.2-96.1) \\ \hline \end{gathered}$ | $\begin{gathered} 88.7 \\ (81.4-94.0) \\ \hline \end{gathered}$ | $\begin{gathered} 84.4 \\ (78.4-88.9) \\ \hline \end{gathered}$ | $\begin{gathered} 78.7 \\ (72.1-84.6) \\ \hline \end{gathered}$ | $\begin{gathered} 81.6 \\ (75.4-87.1) \end{gathered}$ |
| Maine | 415 | $\begin{gathered} 92.4 \\ (88.9-95.1) \end{gathered}$ | $\begin{gathered} 86.2 \\ (81.8-89.9) \end{gathered}$ | $\begin{gathered} 72.9 \\ (67.0-78.1) \\ \hline \end{gathered}$ | $\begin{gathered} 86.6 \\ (82.4-90.3) \end{gathered}$ | $\begin{gathered} 76.2 \\ (69.4-82.5) \\ \hline \end{gathered}$ | $\begin{gathered} 77.2 \\ (72.0-81.7) \\ \hline \end{gathered}$ | $\begin{gathered} 72.3 \\ (66.9-77.5) \end{gathered}$ | $\begin{gathered} 75.8 \\ (70.6-80.7) \\ \hline \end{gathered}$ |
| Massachusetts | 559 | $\begin{gathered} 96.4 \\ (93.7-98.2) \end{gathered}$ | $\begin{gathered} 88.8 \\ (83.8-92.8) \end{gathered}$ | $\begin{gathered} 82.9 \\ (76.8-87.7) \end{gathered}$ | $\begin{gathered} 91.9 \\ (87.6-95.2) \end{gathered}$ | $\begin{gathered} 84.2 \\ (75.1-91.4) \end{gathered}$ | $\begin{gathered} 80.6 \\ (74.2-85.8) \end{gathered}$ | $\begin{gathered} 80.2 \\ (74.4-85.4) \end{gathered}$ | $\begin{gathered} 79.8 \\ (74.1-85.0) \end{gathered}$ |
| New Hampshire | 398 | $\begin{gathered} 95.4 \\ (91.9-97.7) \end{gathered}$ | $\begin{gathered} 89.1 \\ (84.6-92.7) \end{gathered}$ | $\begin{gathered} 83.8 \\ (78.7-87.9)^{* * *} \end{gathered}$ | $\begin{gathered} 92.9 \\ (89.6-95.4)^{* * *} \end{gathered}$ | $\begin{gathered} 85.7 \\ (78.3-91.6) \end{gathered}$ | $\begin{gathered} 87.7 \\ (83.0-91.2)^{* * *} \end{gathered}$ | $\begin{gathered} 77.3 \\ (71.7-82.4)^{* * *} \end{gathered}$ | $\begin{gathered} 78.6 \\ (73.0-83.7) \end{gathered}$ |
| Rhode Island | 360 | $\begin{gathered} 94.5 \\ (89.3-97.7) \end{gathered}$ | $\begin{gathered} 88.7 \\ (82.7-93.3) \\ \hline \end{gathered}$ | $\begin{gathered} 81.7 \\ (76.1-86.1) \end{gathered}$ | $\begin{gathered} 93.2 \\ (88.3-96.6) \\ \hline \end{gathered}$ | $\begin{gathered} 82.7 \\ (74.0-89.9) \end{gathered}$ | $\begin{gathered} 86.2 \\ (80.2-90.6) \\ \hline \end{gathered}$ | $\begin{gathered} 79.1 \\ (72.6-84.9) \end{gathered}$ | $\begin{gathered} 77.2 \\ (70.4-83.4) \end{gathered}$ |
| Vermont | 551 | $\begin{gathered} 93.9 \\ (90.5-96.4) \\ \hline \end{gathered}$ | $\begin{gathered} 86.7 \\ (82.4-90.3) \\ \hline \end{gathered}$ | $\begin{gathered} 67.2 \\ (61.8-72.1)^{* * *} \end{gathered}$ | $\begin{gathered} 86.3 \\ (82.0-90.0) \\ \hline \end{gathered}$ | $\begin{gathered} 76.3 \\ (69.9-82.1) \\ \hline \end{gathered}$ | $\begin{gathered} 75.6 \\ (70.4-80.2) \\ \hline \end{gathered}$ | $\begin{gathered} 72.1 \\ (66.9-77.0) \\ \hline \end{gathered}$ | $\begin{gathered} 79.6 \\ (74.8-84.0) \\ \hline \end{gathered}$ |
| HHS Region II | 1,530 | $\begin{gathered} 93.1 \\ (91.1-94.8)^{* * *} \end{gathered}$ | $\begin{gathered} 82.3 \\ (79.2-85.1) \end{gathered}$ | $\begin{gathered} \hline 77.3 \\ (74.3-80.1)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 83.0 \\ (80.2-85.5)^{* * *} \end{gathered}$ | $\begin{gathered} 76.5 \\ (72.1-80.8) \end{gathered}$ | $\begin{gathered} 74.7 \\ (71.3-77.8) \end{gathered}$ | $\begin{gathered} 69.5 \\ (66.1-72.9)^{* * *} \end{gathered}$ | $\begin{gathered} 70.5 \\ (67.1-73.9) \\ \hline \end{gathered}$ |
| New Jersey | 423 | $\begin{gathered} 89.6 \\ (84.6-93.6) \end{gathered}$ | $\begin{gathered} 78.4 \\ (71.9-84.2) \end{gathered}$ | $\begin{gathered} 77.8 \\ (72.0-82.7)^{* * *} \end{gathered}$ | $\begin{gathered} 82.6 \\ (77.4-87.3) \end{gathered}$ | $\begin{gathered} 72.7 \\ (63.1-81.5) \end{gathered}$ | $\begin{gathered} 74.0 \\ (67.4-79.7) \end{gathered}$ | $\begin{gathered} 71.0 \\ (64.6-77.1) \end{gathered}$ | $\begin{gathered} 68.7 \\ (62.0-75.2) \end{gathered}$ |
| New York | 1,107 | $\begin{gathered} 94.6 \\ (92.7-96.2)^{* * *} \end{gathered}$ | $\begin{gathered} 84.1 \\ (80.7-87.1)^{* * *} \end{gathered}$ | $\begin{gathered} 77.1 \\ (73.4-80.5)^{* * *} \end{gathered}$ | $\begin{gathered} 83.2 \\ (79.9-86.2)^{* * *} \end{gathered}$ | $\begin{gathered} 78.1 \\ (73.2-82.6)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 75.0 \\ (71.1-78.6) \\ \hline \end{gathered}$ | $\begin{gathered} 68.8 \\ (64.7-72.8)^{* * *} \end{gathered}$ | $\begin{gathered} 71.3 \\ (67.3-75.2)^{* * *} \end{gathered}$ |
| NY-City of New York | 688 | $\begin{gathered} 93.4 \\ (90.8-95.5)^{* * *} \end{gathered}$ | $\begin{gathered} 82.6 \\ (78.2-86.5)^{* * *} \end{gathered}$ | $\begin{gathered} 72.8 \\ (68.0-77.1) \\ \hline \end{gathered}$ | $\begin{gathered} 80.1 \\ (75.6-84.3)^{* * *} \end{gathered}$ | $\begin{gathered} 75.7 \\ (69.5-81.5)^{* * *} \end{gathered}$ | $\begin{gathered} 74.7 \\ (69.9-78.8)^{* * *} \end{gathered}$ | $\begin{gathered} 66.9 \\ (61.8-71.8)^{* * *} \end{gathered}$ | $\begin{gathered} 70.7 \\ (65.8-75.3)^{* * *} \end{gathered}$ |
| NY-Rest of State | 419 | $\begin{gathered} 95.8 \\ (92.7-97.9)^{* * *} \end{gathered}$ | $\begin{gathered} 85.6 \\ (80.5-89.9) \end{gathered}$ | $\begin{gathered} 81.3 \\ (75.4-86.1) \end{gathered}$ | $\begin{gathered} 86.0 \\ (81.3-90.0) \end{gathered}$ | $\begin{gathered} 79.9 \\ (72.3-86.6) \end{gathered}$ | $\begin{gathered} 75.3 \\ (68.9-80.8) \end{gathered}$ | $\begin{gathered} 70.7 \\ (64.3-76.8) \end{gathered}$ | $\begin{gathered} 72.0 \\ (65.7-78.1) \end{gathered}$ |
| HHS Region III | 4,333 | $\begin{gathered} 92.7 \\ (90.9-94.3) \\ \hline \end{gathered}$ | $\begin{gathered} 83.5 \\ (81.0-85.8) \\ \hline \end{gathered}$ | $\begin{gathered} 81.7 \\ (79.4-83.7)^{* * *} \end{gathered}$ | $\begin{gathered} 87.8 \\ (85.6-89.9) \\ \hline \end{gathered}$ | $\begin{gathered} 80.6 \\ (77.1-84.0) \\ \hline \end{gathered}$ | $\begin{gathered} 78.4 \\ (75.7-80.8) \\ \hline \end{gathered}$ | $\begin{gathered} 67.7 \\ (64.9-70.5)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 74.7 \\ (72.0-77.4) \\ \hline \end{gathered}$ |
| Delaware | 482 | $\begin{gathered} 91.4 \\ (88.0-94.1) \\ \hline \end{gathered}$ | $\begin{gathered} 84.6 \\ (80.2-88.4) \\ \hline \end{gathered}$ | $\begin{gathered} 81.8 \\ (77.0-85.7) \\ \hline \end{gathered}$ | $\begin{gathered} 89.8 \\ (86.1-92.9) \\ \hline \end{gathered}$ | $\begin{gathered} 81.3 \\ (74.6-87.2) \\ \hline \end{gathered}$ | $\begin{gathered} 81.3 \\ (76.5-85.4) \\ \hline \end{gathered}$ | $\begin{gathered} 64.3 \\ (58.9-69.7) \\ \hline \end{gathered}$ | $\begin{gathered} 77.1 \\ (72.4-81.5) \\ \hline \end{gathered}$ |
| Dist. of Columbia | 515 | $\begin{gathered} 92.7 \\ (89.3-95.4) \end{gathered}$ | $\begin{gathered} 85.2 \\ (80.7-89.2) \end{gathered}$ | $\begin{gathered} 80.4 \\ (75.3-84.7) \\ \hline \end{gathered}$ | $\begin{gathered} 92.3 \\ (88.9-94.9)^{* * *} \end{gathered}$ | $\begin{gathered} 83.1 \\ (72.2-91.5) \\ \hline \end{gathered}$ | $\begin{gathered} 80.7 \\ (75.4-85.1)^{* * *} \end{gathered}$ | $\begin{gathered} 68.3 \\ (62.3-74.1) \\ \hline \end{gathered}$ | $\begin{gathered} 71.4 \\ (65.9-76.7) \end{gathered}$ |
| Maryland | 1,278 | $\begin{gathered} 94.0 \\ (91.8-95.9) \end{gathered}$ | $\begin{gathered} 83.9 \\ (80.5-87.0) \end{gathered}$ | $\begin{gathered} 80.1 \\ (76.3-83.5) \end{gathered}$ | $\begin{gathered} 91.4 \\ (88.8-93.6)^{* * *} \end{gathered}$ | $\begin{gathered} 80.3 \\ (74.8-85.3) \end{gathered}$ | $\begin{gathered} 81.2 \\ (77.7-84.2) \end{gathered}$ | $\begin{gathered} 66.7 \\ (62.6-70.8)^{* * *} \end{gathered}$ | $\begin{gathered} 75.5 \\ (71.7-79.2) \end{gathered}$ |
| Pennsylvania | 928 | $\begin{gathered} 93.9 \\ (91.0-96.2) \\ \hline \end{gathered}$ | $\begin{gathered} 85.9 \\ (81.9-89.5) \\ \hline \end{gathered}$ | $\begin{gathered} 85.5 \\ (81.7-88.6) \\ \hline \end{gathered}$ | $\begin{gathered} 88.1 \\ (84.2-91.5) \\ \hline \end{gathered}$ | $\begin{gathered} 83.9 \\ (78.0-88.9) \\ \hline \end{gathered}$ | $\begin{gathered} 78.5 \\ (73.9-82.5) \\ \hline \end{gathered}$ | $\begin{gathered} 73.4 \\ (68.7-77.9)^{* * *} \end{gathered}$ | $\begin{gathered} 77.4 \\ (72.8-81.8) \\ \hline \end{gathered}$ |


| PA-Philadelphia | 319 | $\begin{gathered} 92.4 \\ (86.3-96.4) \end{gathered}$ | $\begin{gathered} 86.2 \\ (79.2-91.7) \end{gathered}$ | $\begin{gathered} 84.6 \\ (78.3-89.2) \\ \hline \end{gathered}$ | $\begin{gathered} 87.6 \\ (80.5-93.1) \\ \hline \end{gathered}$ | $\begin{gathered} 80.4 \\ (70.6-88.5) \\ \hline \end{gathered}$ | $\begin{gathered} 75.8 \\ (68.2-82.1) \end{gathered}$ | $\begin{gathered} 69.6 \\ (61.4-77.5) \\ \hline \end{gathered}$ | $\begin{gathered} 75.5 \\ (67.8-82.6) \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PA-Rest of State | 609 | $\begin{gathered} 94.2 \\ (90.9-96.7) \end{gathered}$ | $\begin{gathered} 85.9 \\ (81.2-89.9) \\ \hline \end{gathered}$ | $\begin{gathered} 85.6 \\ (81.3-89.1) \\ \hline \end{gathered}$ | $\begin{gathered} 88.3 \\ (83.7-92.0) \end{gathered}$ | $\begin{gathered} 84.5 \\ (78.0-89.9) \\ \hline \end{gathered}$ | $\begin{gathered} 79.0 \\ (73.6-83.5) \\ \hline \end{gathered}$ | $\begin{gathered} 74.1 \\ (68.7-79.2)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 77.8 \\ (72.5-82.7) \\ \hline \end{gathered}$ |
| Virginia | 722 | $\begin{gathered} 90.8 \\ (86.1-94.5) \\ \hline \end{gathered}$ | $\begin{gathered} 79.6 \\ (73.6-85.0)^{++\dagger} \end{gathered}$ | $\begin{gathered} 77.4 \\ (71.8-82.2) \\ \hline \end{gathered}$ | $\begin{gathered} 83.9 \\ (78.3-88.8) \end{gathered}$ | $\begin{gathered} 76.5 \\ (68.0-84.1) \\ \hline \end{gathered}$ | $\begin{gathered} 76.1 \\ (69.7-81.5) \end{gathered}$ | $\begin{gathered} 64.2 \\ (57.7-70.7) \\ \hline \end{gathered}$ | $\begin{gathered} 70.8 \\ (64.6-76.9) \\ \hline \end{gathered}$ |
| West Virginia | 408 | $\begin{gathered} 89.6 \\ (84.9-93.3) \\ \hline \end{gathered}$ | $\begin{gathered} 83.3 \\ (78.4-87.7) \\ \hline \end{gathered}$ | $\begin{gathered} 82.6 \\ (77.4-86.7)^{* * *} \end{gathered}$ | $\begin{gathered} 89.4 \\ (84.9-93.1) \end{gathered}$ | $\begin{gathered} 80.1 \\ (73.2-86.2) \end{gathered}$ | $\begin{gathered} 76.0 \\ (70.0-81.2) \end{gathered}$ | $\begin{gathered} 49.4 \\ (43.1-56.2) \end{gathered}$ | $\begin{gathered} 73.0 \\ (66.8-78.9) \end{gathered}$ |
| HHS Region IV | 3,765 | $\begin{gathered} 91.5 \\ (89.9-92.9) \\ \hline \end{gathered}$ | $\begin{gathered} 81.2 \\ (78.8-83.4) \\ \hline \end{gathered}$ | $\begin{gathered} 73.7 \\ (71.0-76.2) \end{gathered}$ | $\begin{gathered} \hline 84.7 \\ (82.4-86.8) \\ \hline \end{gathered}$ | $\begin{gathered} 73.5 \\ (69.8-77.1) \\ \hline \end{gathered}$ | $\begin{gathered} 73.3 \\ (70.6-75.8) \end{gathered}$ | $\begin{gathered} 50.2 \\ (47.4-53.1)^{* * *} \end{gathered}$ | $\begin{gathered} 70.0 \\ (67.4-72.7) \\ \hline \end{gathered}$ |
| Alabama | 383 | $\begin{gathered} 93.2 \\ (88.7-96.3) \\ \hline \end{gathered}$ | $\begin{gathered} 81.5 \\ (74.0-87.9) \end{gathered}$ | $\begin{gathered} 78.5 \\ (71.6-84.0) \\ \hline \end{gathered}$ | $\begin{gathered} 87.7 \\ (82.6-91.8) \\ \hline \end{gathered}$ | - §§§ | $\begin{gathered} 72.9 \\ (65.3-79.3) \\ \hline \end{gathered}$ | $\begin{gathered} 37.7 \\ (30.9-45.5) \end{gathered}$ | $\begin{gathered} 72.1 \\ (64.4-79.4) \\ \hline \end{gathered}$ |
| Florida | 575 | $\begin{gathered} 92.8 \\ (89.4-95.4) \\ \hline \end{gathered}$ | $\begin{gathered} 84.5 \\ (79.3-89.0) \\ \hline \end{gathered}$ | $\begin{gathered} 62.2 \\ (55.5-68.6) \\ \hline \end{gathered}$ | $\begin{gathered} 80.4 \\ (74.5-85.6) \\ \hline \end{gathered}$ | $\begin{gathered} 69.6 \\ (61.2-77.5) \\ \hline \end{gathered}$ | $\begin{gathered} 71.3 \\ (64.6-77.1) \\ \hline \end{gathered}$ | $\begin{gathered} 44.7 \\ (38.2-51.8) \\ \hline \end{gathered}$ | $\begin{gathered} 69.2 \\ (63.0-75.1) \\ \hline \end{gathered}$ |
| Georgia | 461 | $\begin{gathered} 89.1 \\ (83.3-93.6) \\ \hline \end{gathered}$ | $\begin{gathered} 74.9 \\ (67.8-81.5) \\ \hline \end{gathered}$ | $\begin{gathered} 78.3 \\ (72.0-83.5) \\ \hline \end{gathered}$ | $\begin{gathered} 85.6 \\ (79.2-90.9) \\ \hline \end{gathered}$ | $\begin{gathered} 70.4 \\ (61.4-78.9)^{+++} \\ \hline \end{gathered}$ | $\begin{gathered} 70.4 \\ (62.6-77.2) \\ \hline \end{gathered}$ | $\begin{gathered} 40.4 \\ (33.9-47.6) \\ \hline \end{gathered}$ | $\begin{gathered} 65.5 \\ (58.3-72.6) \\ \hline \end{gathered}$ |
| Kentucky | 413 | $\begin{gathered} 89.2 \\ (84.6-93.0) \\ \hline \end{gathered}$ | $\begin{gathered} 82.6 \\ (77.1-87.5) \\ \hline \end{gathered}$ | $\begin{gathered} 79.8 \\ (74.1-84.6) \\ \hline \end{gathered}$ | $\begin{gathered} 85.9 \\ (81.0-90.1) \\ \hline \end{gathered}$ | $\begin{gathered} 78.5 \\ (71.3-84.8) \\ \hline \end{gathered}$ | $\begin{gathered} 71.9 \\ (66.0-77.1) \end{gathered}$ | $\begin{gathered} 52.2 \\ (46.2-58.5) \\ \hline \end{gathered}$ | $\begin{gathered} 72.6 \\ (66.6-78.2) \\ \hline \end{gathered}$ |
| Mississippi | 487 | $\begin{gathered} 90.6 \\ (86.6-93.8) \\ \hline \end{gathered}$ | $\begin{gathered} 81.2 \\ (75.9-86.0) \\ \hline \end{gathered}$ | $\begin{gathered} 78.8 \\ (73.4-83.4) \\ \hline \end{gathered}$ | $\begin{gathered} 72.5 \\ (67.0-77.8) \\ \hline \end{gathered}$ | $\begin{gathered} 60.8 \\ (53.0-68.7) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 68.4 \\ (62.3-74.0) \\ \hline \end{gathered}$ | $\begin{gathered} 41.7 \\ (35.9-48.0) \\ \hline \end{gathered}$ | $\begin{gathered} 70.9 \\ (64.9-76.6) \\ \hline \end{gathered}$ |
| North Carolina | 458 | $\begin{gathered} 92.5 \\ (88.5-95.5) \end{gathered}$ | $\begin{gathered} 83.8 \\ (78.0-88.8) \\ \hline \end{gathered}$ | $\begin{gathered} 82.0 \\ (76.1-86.7)^{* * *} \end{gathered}$ | $\begin{gathered} 85.7 \\ (80.0-90.6) \end{gathered}$ | - §§§ | $\begin{gathered} 79.4 \\ (73.3-84.4) \end{gathered}$ | $\begin{gathered} 73.6 \\ (67.3-79.7)^{* * *} \end{gathered}$ | $\begin{gathered} 75.9 \\ (69.6-81.7) \end{gathered}$ |
| South Carolina | 441 | $\begin{gathered} 90.6 \\ (86.2-94.1) \\ \hline \end{gathered}$ | $\begin{gathered} 78.2 \\ (72.5-83.4) \\ \hline \end{gathered}$ | $\begin{gathered} 76.5 \\ (70.6-81.5) \\ \hline \end{gathered}$ | $\begin{gathered} 89.1 \\ (84.6-92.8) \\ \hline \end{gathered}$ | $\begin{gathered} 82.1 \\ (74.2-88.7) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 76.3 \\ (70.4-81.3) \\ \hline \end{gathered}$ | $\begin{gathered} 41.5 \\ (35.4-48.2) \\ \hline \end{gathered}$ | $\begin{gathered} 68.3 \\ (62.0-74.4) \\ \hline \end{gathered}$ |
| Tennessee | 547 | $\begin{gathered} 91.7 \\ (87.8-94.8) \\ \hline \end{gathered}$ | $\begin{gathered} 79.8 \\ (73.9-85.0) \\ \hline \end{gathered}$ | $\begin{gathered} 74.0 \\ (67.9-79.3) \end{gathered}$ | $\begin{gathered} 92.9 \\ (89.4-95.5) \end{gathered}$ | $\begin{gathered} 84.4 \\ (75.7-91.3) \\ \hline \end{gathered}$ | $\begin{gathered} 75.9 \\ (70.2-80.8) \end{gathered}$ | $\begin{gathered} 64.2 \\ (58.0-70.4)^{* * *} \end{gathered}$ | $\begin{gathered} 69.3 \\ (63.2-75.2) \\ \hline \end{gathered}$ |
| HHS Region V | 3,328 | $\begin{gathered} 90.3 \\ (88.6-91.8) \end{gathered}$ | $\begin{gathered} 80.5 \\ (78.3-82.6) \end{gathered}$ | $\begin{gathered} 80.3 \\ (78.2-82.3)^{* * *} \end{gathered}$ | $\begin{gathered} 86.4 \\ (84.5-88.2) \\ \hline \end{gathered}$ | $\begin{gathered} 76.9 \\ (74.0-79.7) \\ \hline \end{gathered}$ | $\begin{gathered} 75.4 \\ (73.2-77.5) \\ \hline \end{gathered}$ | $\begin{gathered} 63.6 \\ (61.2-66.0)^{* * *} \end{gathered}$ | $\begin{gathered} 70.3 \\ (67.9-72.7) \\ \hline \end{gathered}$ |
| Illinois | 823 | $\begin{gathered} 91.4 \\ (88.1-94.1) \end{gathered}$ | $\begin{gathered} 81.6 \\ (77.4-85.4) \end{gathered}$ | $\begin{gathered} 77.5 \\ (72.9-81.5) \end{gathered}$ | $\begin{gathered} 84.6 \\ (80.8-88.1) \\ \hline \end{gathered}$ | $\begin{gathered} 71.5 \\ (65.8-77.0) \end{gathered}$ | $\begin{gathered} 75.4 \\ (70.9-79.4) \end{gathered}$ | $\begin{gathered} 62.9 \\ (58.3-67.6) \end{gathered}$ | $\begin{gathered} 70.6 \\ (65.9-75.0) \end{gathered}$ |
| IL-City of Chicago | 272 | $\begin{gathered} 93.2 \\ (88.9-96.3) \end{gathered}$ | $\begin{gathered} 83.8 \\ (77.5-89.1) \\ \hline \end{gathered}$ | $\begin{gathered} 79.9 \\ (72.4-85.7) \\ \hline \end{gathered}$ | $\begin{gathered} 90.3 \\ (85.3-94.2) \end{gathered}$ | $\begin{gathered} 77.3 \\ (68.2-85.4) \\ \hline \end{gathered}$ | $\begin{gathered} 76.6 \\ (69.3-82.6) \end{gathered}$ | $\begin{gathered} 65.7 \\ (58.2-73.1) \\ \hline \end{gathered}$ | $\begin{gathered} 74.2 \\ (67.1-80.9) \\ \hline \end{gathered}$ |
| IL-Rest of State | 551 | $\begin{gathered} \hline 90.8 \\ (86.6-94.1) \\ \hline \end{gathered}$ | $\begin{gathered} 81.0 \\ (75.9-85.6) \\ \hline \end{gathered}$ | $\begin{gathered} 76.8 \\ (71.1-81.6) \end{gathered}$ | $\begin{gathered} 82.9 \\ (78.1-87.2) \end{gathered}$ | $\begin{gathered} 70.1 \\ (63.2-76.6) \\ \hline \end{gathered}$ | $\begin{gathered} 75.0 \\ (69.5-79.8) \end{gathered}$ | $\begin{gathered} 62.0 \\ (56.4-67.7) \end{gathered}$ | $\begin{gathered} 69.5 \\ (63.9-75.0) \end{gathered}$ |
| Indiana | 479 | $\begin{gathered} 88.2 \\ (84.0-91.7) \\ \hline \end{gathered}$ | $\begin{gathered} 78.7 \\ (73.5-83.5) \\ \hline \end{gathered}$ | $\begin{gathered} 80.7 \\ (76.1-84.7) \\ \hline \end{gathered}$ | $\begin{gathered} 86.7 \\ (82.2-90.5) \\ \hline \end{gathered}$ | $\begin{gathered} 76.9 \\ (69.6-83.5) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 75.1 \\ (69.6-79.9) \\ \hline \end{gathered}$ | $\begin{gathered} 62.7 \\ (56.9-68.5)^{* * *} \end{gathered}$ | $\begin{gathered} 68.1 \\ (62.4-73.6) \\ \hline \end{gathered}$ |
| Michigan | 673 | $\begin{gathered} 94.3 \\ (91.2-96.6)^{* * *} \end{gathered}$ | $\begin{gathered} 83.9 \\ (79.5-87.8) \end{gathered}$ | $\begin{gathered} 82.5 \\ (78.0-86.3) \end{gathered}$ | $\begin{gathered} 92.1 \\ (88.3-95.0) \end{gathered}$ | $\begin{gathered} 82.3 \\ (75.9-87.9) \end{gathered}$ | $\begin{gathered} 75.0 \\ (69.8-79.6) \end{gathered}$ | $\begin{gathered} 62.1 \\ (56.5-67.6) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 73.3 \\ (68.1-78.2) \end{gathered}$ |
| Minnesota | 497 | $\begin{gathered} 92.7 \\ (88.8-95.6) \\ \hline \end{gathered}$ | $\begin{gathered} 81.2 \\ (75.9-86.0) \\ \hline \end{gathered}$ | $\begin{gathered} 80.6 \\ (75.1-85.1)^{* * *} \end{gathered}$ | $\begin{gathered} 90.3 \\ (86.2-93.6) \\ \hline \end{gathered}$ | $\begin{gathered} \hline 82.4 \\ (75.9-87.9) \\ \hline \end{gathered}$ | $\begin{gathered} 79.6 \\ (74.2-84.2) \end{gathered}$ | $\begin{gathered} 78.3 \\ (73.2-83.1)^{* * *} \end{gathered}$ | $\begin{gathered} 73.0 \\ (67.4-78.3) \end{gathered}$ |
| Ohio | 490 | $\begin{gathered} 85.6 \\ (80.2-90.1) \\ \hline \end{gathered}$ | $\begin{gathered} 77.4 \\ (71.0-83.3) \end{gathered}$ | $\begin{gathered} 80.7 \\ (74.8-85.4) \\ \hline \end{gathered}$ | $\begin{gathered} 83.2 \\ (77.6-88.1) \end{gathered}$ | $\begin{gathered} 79.7 \\ (72.2-86.3)^{* * *} \end{gathered}$ | $\begin{gathered} 73.2 \\ (66.9-78.7) \\ \hline \end{gathered}$ | $\begin{gathered} 56.7 \\ (50.4-63.1) \end{gathered}$ | $\begin{gathered} 68.1 \\ (61.7-74.4) \\ \hline \end{gathered}$ |
| 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) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HHS Region VI | 4,256 | $\begin{gathered} 91.0 \\ (89.4-92.4) \end{gathered}$ | $\begin{gathered} 76.7 \\ (74.3-79.1) \end{gathered}$ | $\begin{gathered} 79.2 \\ (76.8-81.3) \end{gathered}$ | $\begin{gathered} 87.9 \\ (86.1-89.6) \end{gathered}$ | $\begin{gathered} 76.4 \\ (73.1-79.6)^{++\dagger} \\ \hline \end{gathered}$ | $\begin{gathered} 73.3 \\ (70.8-75.7) \end{gathered}$ | $\begin{gathered} 51.4 \\ (48.6-54.2) \end{gathered}$ | $\begin{gathered} 65.9 \\ (63.2-68.5) \end{gathered}$ |
| Arkansas | 642 | $\begin{gathered} 89.5 \\ (85.8-92.6) \end{gathered}$ | $\begin{gathered} 71.8 \\ (66.4-77.0) \\ \hline \end{gathered}$ | $\begin{gathered} 81.0 \\ (76.3-84.9) \\ \hline \end{gathered}$ | $\begin{gathered} 86.6 \\ (82.4-90.2) \\ \hline \end{gathered}$ | $\begin{gathered} 74.5 \\ (67.3-81.1) \end{gathered}$ | $\begin{gathered} 73.4 \\ (68.0-78.2) \\ \hline \end{gathered}$ | $\begin{gathered} 46.2 \\ (40.8-51.9) \end{gathered}$ | $\begin{gathered} 66.5 \\ (61.0-71.8) \\ \hline \end{gathered}$ |
| Louisiana | 645 | $\begin{gathered} 92.9 \\ (87.9-96.4) \end{gathered}$ | $\begin{gathered} 75.7 \\ (69.3-81.6) \end{gathered}$ | $\begin{gathered} 77.8 \\ (72.2-82.5) \end{gathered}$ | $\begin{gathered} 86.0 \\ (80.5-90.6) \\ \hline \end{gathered}$ | $\begin{gathered} 69.8 \\ (61.9-77.4) \end{gathered}$ | $\begin{gathered} 68.2 \\ (61.9-74.0) \end{gathered}$ | $\begin{gathered} 44.4 \\ (38.4-50.9) \end{gathered}$ | $\begin{gathered} 64.3 \\ (57.8-70.7) \end{gathered}$ |
| New Mexico | 701 | $\begin{gathered} 95.0 \\ (92.5-96.9)^{* * *} \end{gathered}$ | $\begin{gathered} 79.4 \\ (74.8-83.7) \\ \hline \end{gathered}$ | $\begin{gathered} 74.6 \\ (70.0-78.8) \end{gathered}$ | $\begin{gathered} 90.9 \\ (87.6-93.5) \\ \hline \end{gathered}$ | $\begin{gathered} 79.2 \\ (72.9-84.8) \\ \hline \end{gathered}$ | $\begin{gathered} 77.9 \\ (73.1-82.0) \\ \hline \end{gathered}$ | $\begin{gathered} 59.3 \\ (54.1-64.6) \\ \hline \end{gathered}$ | $\begin{gathered} 67.1 \\ (62.2-72.0) \\ \hline \end{gathered}$ |
| Oklahoma | 364 | $\begin{gathered} 88.9 \\ (84.3-92.7) \end{gathered}$ | $\begin{gathered} 75.6 \\ (69.2-81.5) \end{gathered}$ | $\begin{gathered} 77.0 \\ (70.5-82.4) \end{gathered}$ | $\begin{gathered} 86.1 \\ (81.2-90.3) \end{gathered}$ | $\begin{gathered} 73.9 \\ (66.0-81.2) \end{gathered}$ | $\begin{gathered} 69.6 \\ (62.1-76.2) \end{gathered}$ | $\begin{gathered} 50.4 \\ (43.2-58.1) \end{gathered}$ | $\begin{gathered} 66.3 \\ (59.3-73.3) \end{gathered}$ |
| Texas ${ }^{\text {9199 }}$ | 1,904 | $\begin{gathered} 90.9 \\ (88.8-92.8) \end{gathered}$ | $\begin{gathered} 77.4 \\ (74.1-80.5) \end{gathered}$ | $\begin{gathered} 79.8 \\ (76.6-82.6) \end{gathered}$ | $\begin{gathered} 88.4 \\ (86.0-90.5) \\ \hline \end{gathered}$ | $\begin{gathered} 78.0 \\ (73.3-82.4) \end{gathered}$ | $\begin{gathered} 74.3 \\ (71.0-77.3) \end{gathered}$ | $\begin{gathered} 52.6 \\ (48.9-56.3) \end{gathered}$ | $\begin{gathered} 65.9 \\ (62.3-69.4) \end{gathered}$ |
| TX-Bexar County | 356 | $\begin{gathered} 92.1 \\ (88.0-95.2) \end{gathered}$ | $\begin{gathered} 71.6 \\ (65.4-77.5)^{++\dagger} \end{gathered}$ | $\begin{gathered} 76.3 \\ (70.4-81.4) \\ \hline \end{gathered}$ | $\begin{gathered} 85.7 \\ (80.4-90.1)^{+t+} \end{gathered}$ | - ${ }^{\$ 9}$ | $\begin{gathered} 72.0 \\ (65.7-77.6) \\ \hline \end{gathered}$ | $\begin{gathered} 55.2 \\ (48.7-61.8) \end{gathered}$ | $\begin{gathered} 61.6 \\ (55.2-68.1)^{+t+} \end{gathered}$ |
| TX-City of Houston | 295 | $\begin{gathered} 91.6 \\ (86.7-95.2) \\ \hline \end{gathered}$ | $\begin{gathered} 77.6 \\ (70.7-83.8) \\ \hline \end{gathered}$ | $\begin{gathered} 82.6 \\ (75.8-87.7) \\ \hline \end{gathered}$ | $\begin{gathered} 89.4 \\ (83.8-93.7) \\ \hline \end{gathered}$ | $\begin{gathered} 77.1 \\ (68.0-85.1)^{++\dagger} \\ \hline \end{gathered}$ | $\begin{gathered} 73.4 \\ (66.5-79.3) \\ \hline \end{gathered}$ | $\begin{gathered} 52.6 \\ (45.6-59.9) \\ \hline \end{gathered}$ | $\begin{gathered} 65.2 \\ (57.9-72.4) \\ \hline \end{gathered}$ |
| TX-Dallas County | 163 | $\begin{gathered} 89.1 \\ (81.7-94.5) \end{gathered}$ | - ${ }^{\text {§\% }}$ | $\begin{gathered} 77.9 \\ (66.9-86.0) \\ \hline \end{gathered}$ | $\begin{gathered} 86.1 \\ (78.5-92.0) \\ \hline \end{gathered}$ | - ${ }^{\$ \$ 5}$ | - ${ }^{\text {\$8 }}$ | - ${ }^{\text {\$\% }}$ | - ${ }^{\$ 85}$ |
| TX-El Paso County | 142 | - ${ }^{\text {§ }}$ | - ${ }^{\text {§ }}$ ¢ | $\begin{gathered} 90.2 \\ (81.8-95.0) \\ \hline \end{gathered}$ | - ${ }^{\$ 8 \%}$ | $\begin{gathered} 93.5 \\ (84.1-98.3) \\ \hline \end{gathered}$ | $\begin{gathered} 85.7 \\ (77.0-91.4)^{* * *} \\ \hline \end{gathered}$ | - ${ }^{\text {§ }}$ | - ${ }^{\$ \$ \$}$ |
| TX-Rest of State | 948 | $\begin{gathered} 91.0 \\ (88.2-93.4) \\ \hline \end{gathered}$ | $\begin{gathered} 78.5 \\ (74.2-82.6) \\ \hline \end{gathered}$ | $\begin{gathered} 78.8 \\ (74.4-82.7) \\ \hline \end{gathered}$ | $\begin{gathered} 88.8 \\ (85.7-91.6) \\ \hline \end{gathered}$ | $\begin{gathered} 79.5 \\ (73.4-85.0) \end{gathered}$ | $\begin{gathered} 74.2 \\ (69.6-78.3) \end{gathered}$ | $\begin{gathered} 54.3 \\ (49.3-59.4) \\ \hline \end{gathered}$ | $\begin{gathered} 66.9 \\ (62.2-71.7) \\ \hline \end{gathered}$ |
| HHS Region VII | 2,066 | $\begin{gathered} 92.8 \\ (91.1-94.3)^{* * *} \end{gathered}$ | $\begin{gathered} 80.9 \\ (78.3-83.4) \\ \hline \end{gathered}$ | $\begin{gathered} 82.7 \\ (80.2-85.0) \\ \hline \end{gathered}$ | $\begin{gathered} 87.8 \\ (85.7-89.8)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 78.4 \\ (74.4-82.2) \\ \hline \end{gathered}$ | $\begin{gathered} 77.2 \\ (74.5-79.7) \\ \hline \end{gathered}$ | $\begin{gathered} 58.8 \\ (55.8-61.8)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 73.5 \\ (70.7-76.3) \\ \hline \end{gathered}$ |
| Iowa | 389 | $\begin{gathered} 94.0 \\ (90.4-96.6) \\ \hline \end{gathered}$ | $\begin{gathered} 81.4 \\ (75.7-86.5) \\ \hline \end{gathered}$ | $\begin{gathered} 83.3 \\ (77.8-87.6) \\ \hline \end{gathered}$ | $\begin{gathered} 88.8 \\ (84.4-92.4) \\ \hline \end{gathered}$ | $\begin{gathered} 82.6 \\ (73.0-90.3) \\ \hline \end{gathered}$ | $\begin{gathered} 72.0 \\ (65.5-77.7)^{+++} \\ \hline \end{gathered}$ | $\begin{gathered} 43.2 \\ (37.0-49.9) \\ \hline \end{gathered}$ | $\begin{gathered} 73.8 \\ (67.6-79.7) \\ \hline \end{gathered}$ |
| Kansas | 603 | $\begin{gathered} 93.5 \\ (90.6-95.7) \end{gathered}$ | $\begin{gathered} 79.0 \\ (74.0-83.5) \\ \hline \end{gathered}$ | $\begin{gathered} 79.9 \\ (74.8-84.2)^{* * *} \end{gathered}$ | $\begin{gathered} 90.1 \\ (86.6-93.1) \end{gathered}$ | $\begin{gathered} 85.2 \\ (75.7-92.5) \\ \hline \end{gathered}$ | $\begin{gathered} 80.3 \\ (75.4-84.5) \end{gathered}$ | $\begin{gathered} 64.1 \\ (58.6-69.6)^{* * *} \end{gathered}$ | $\begin{gathered} 71.2 \\ (65.9-76.3) \end{gathered}$ |
| Missouri | 640 | $\begin{gathered} 91.9 \\ (88.6-94.5) \\ \hline \end{gathered}$ | $\begin{gathered} 80.0 \\ (75.2-84.4) \\ \hline \end{gathered}$ | $\begin{gathered} 83.4 \\ (78.6-87.2) \\ \hline \end{gathered}$ | $\begin{gathered} 85.1 \\ (81.0-88.7)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 72.9 \\ (66.0-79.4) \\ \hline \end{gathered}$ | $\begin{gathered} 77.6 \\ (72.7-81.8)^{* * *} \\ \hline \end{gathered}$ | $\begin{gathered} 59.2 \\ (53.9-64.6) \\ \hline \end{gathered}$ | $\begin{gathered} 73.1 \\ (68.1-77.8)^{* * *} \\ \hline \end{gathered}$ |
| Nebraska | 434 | $\begin{gathered} 93.0 \\ (89.6-95.6) \end{gathered}$ | $\begin{gathered} 85.3 \\ (81.1-89.1) \end{gathered}$ | $\begin{gathered} 84.0 \\ (79.2-87.8) \end{gathered}$ | $\begin{gathered} 90.7 \\ (87.1-93.6) \end{gathered}$ | $\begin{gathered} 81.4 \\ (74.9-87.1) \end{gathered}$ | $\begin{gathered} 79.5 \\ (74.5-83.7) \end{gathered}$ | $\begin{gathered} 73.1 \\ (67.8-78.2) \end{gathered}$ | $\begin{gathered} 77.7 \\ (72.9-82.1) \end{gathered}$ |
| HHS Region VIII | 2,724 | $\begin{gathered} 92.1 \\ (89.7-94.2)^{* * *} \end{gathered}$ | $\begin{gathered} 82.0 \\ (78.9-84.8) \end{gathered}$ | $\begin{gathered} 80.5 \\ (77.3-83.3) \end{gathered}$ | $\begin{gathered} 88.7 \\ (86.2-90.9)^{* * *} \end{gathered}$ | $\begin{gathered} 81.0 \\ (77.1-84.7)^{* * *} \end{gathered}$ | $\begin{gathered} 81.8 \\ (78.9-84.3)^{* * *} \end{gathered}$ | $\begin{gathered} 67.3 \\ (63.7-70.9)^{* * *} \end{gathered}$ | $\begin{gathered} 72.3 \\ (68.8-75.7) \end{gathered}$ |
| Colorado | 417 | $\begin{gathered} \hline 91.8 \\ (86.8-95.4) \end{gathered}$ | $\begin{gathered} 81.4 \\ (75.3-86.8) \end{gathered}$ | $\begin{gathered} 80.3 \\ (74.4-85.1) \end{gathered}$ | $\begin{gathered} 86.9 \\ (81.7-91.2) \end{gathered}$ | $\begin{gathered} 79.0 \\ (71.5-85.7) \end{gathered}$ | $\begin{gathered} 84.1 \\ (78.6-88.4)^{* * *} \end{gathered}$ | $\begin{gathered} 68.5 \\ (61.8-75.0) \end{gathered}$ | $\begin{gathered} 70.6 \\ (64.0-76.9) \end{gathered}$ |
| Montana | 400 | $\begin{gathered} 91.2 \\ (86.8-94.6) \end{gathered}$ | $\begin{gathered} 75.6 \\ (69.5-81.2) \end{gathered}$ | $\begin{gathered} 77.2 \\ (71.7-81.9) \end{gathered}$ | $\begin{gathered} 83.8 \\ (78.6-88.4)^{* * *} \end{gathered}$ | $\begin{gathered} 73.9 \\ (64.2-82.8) \end{gathered}$ | $\begin{gathered} 70.8 \\ (64.3-76.6) \end{gathered}$ | $\begin{gathered} 62.8 \\ (56.3-69.3) \end{gathered}$ | $\begin{gathered} 65.3 \\ (58.8-71.7) \end{gathered}$ |
| North Dakota | 480 | $\begin{gathered} 95.7 \\ (93.0-97.6) \\ \hline \end{gathered}$ | $\begin{gathered} 82.2 \\ (77.3-86.6) \\ \hline \end{gathered}$ | $\begin{gathered} 85.6 \\ (81.0-89.3) \\ \hline \end{gathered}$ | $\begin{gathered} 92.2 \\ (88.8-94.9) \end{gathered}$ | $\begin{gathered} 82.9 \\ (76.4-88.4) \end{gathered}$ | $\begin{gathered} 81.1 \\ (75.7-85.5) \end{gathered}$ | $\begin{gathered} 73.3 \\ (67.7-78.6) \end{gathered}$ | $\begin{gathered} 74.1 \\ (68.7-79.3) \end{gathered}$ |
| South Dakota | 600 | $\begin{gathered} 94.1 \\ (91.5-96.2)^{* * *} \end{gathered}$ | $\begin{gathered} 81.7 \\ (76.9-86.1) \end{gathered}$ | $\begin{gathered} 84.3 \\ (79.7-88.1)^{* * *} \end{gathered}$ | $\begin{gathered} 90.1 \\ (86.5-93.1) \end{gathered}$ | $\begin{gathered} 79.4 \\ (72.8-85.3) \end{gathered}$ | $\begin{gathered} 79.5 \\ (74.8-83.6) \end{gathered}$ | $\begin{gathered} 75.7 \\ (70.5-80.5) \\ \hline \end{gathered}$ | $\begin{gathered} 73.4 \\ (68.3-78.4) \end{gathered}$ |


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

Abbreviations: $\mathrm{Cl}=$ confidence interval; $\mathrm{DTaP}=$ 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 $\geq 4$ doses of DTaP, $\geq 3$ doses of poliovirus vaccine, $\geq 1$ dose of measles-containing vaccine, the full series of Hib ( $\geq 3$ or $\geq 4$ doses, depending on product type), $\geq 3$ doses of HepB, $\geq 1$ dose of VAR, and $\geq 4$ 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.
${ }^{\dagger}$ Includes vaccinations received by age 24 months (before the day the child turns 24 months), except for the HepB birth dose, rotavirus vaccination, and $\geq 2$ 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 $\geq 2$ HepA doses).
${ }^{\S}$ 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).
${ }^{7}$ 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.
${ }^{++}$One dose HepB administered from birth through age 3 days.
${ }^{\$ \S}$ 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.
${ }^{19}$ 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.
*** Statistically significant increase in estimated coverage compared to children born in 2015-2016 ( $p<0.05$ ).
${ }^{++\dagger}$ Statistically significant decrease in estimated coverage compared to children born in 2015-2016 (p<0.05).
${ }^{\$ \S \S}$ Estimate not available because the unweighted sample size for the denominator was $<30$, or $95 \% \mathrm{Cl}$ half width/estimate $>0.588$, or $95 \% \mathrm{Cl}$ half-width was $\geq 10$.
आ 9 II 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.
**** 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.

