Estimated Vaccination Coverage* with Individual Vaccines and Selected Vaccination Series
Among Children 19-35 Months of Age Living At or Above the Poverty Level by State and Immunization Action Plan Area --
US, National Immunization Survey, Q1/1996-Q4/1996[†]

	3+DTP[‡]	4+DTP[§]	3+Polio[‖]	1+MMR[¶]	3+Hib**	3+HepB[††]	1+Var[‡‡]	3:3:1[§§]	4:3:1[‖‖]	4:3:1:3[¶¶]	4:3:1:3:3***
US National	95.9±0.5[†††]	83.6±1.0	92.0±0.7	91.9±0.7	93.1±0.7	83.2±1.0	15.3±0.9	NA	80.8±1.0	79.2±1.1	69.9±1.2
Alabama	95.4±3.3	85.2±5.1	92.1±3.7	92.8±4.0	94.4±3.4	83.1±5.4	11.9±3.8	NA	83.9±5.1	82.8±5.2	72.8±6.1
AL-Jefferson County	99.5±1.0	84.4±5.9	90.1±4.5	93.0±4.6	94.6±3.5	87.8±5.3	25.6±6.9	NA	78.0±6.7	74.3±7.0	65.5±7.7
AL-Rest of State	94.7±3.9	85.3±5.8	92.4±4.3	92.7±4.6	94.3±3.9	82.3±6.2	9.5±4.3	NA	84.9±5.9	84.3±6.0	74.0±7.1
Alaska	87.7±5.7	77.4±7.0	85.8±5.9	81.2±6.4	82.6±6.0	78.0±6.7	NA	NA	73.6±7.4	69.8±7.5	64.2±7.7
Arizona	94.5±3.2	79.5±5.3	92.4±3.6	88.3±4.6	93.6±3.3	79.7±5.2	15.7±4.1	NA	79.1±5.3	78.3±5.4	66.2±6.1
AZ-Maricopa County	94.6±4.4	81.8±6.5	93.8±4.5	90.1±5.3	94.1±4.5	80.5±7.1	18.3±5.9	NA	81.8±6.5	81.3±6.5	67.9±8.0
AZ-Rest of State	94.4±4.1	75.8±9.0	90.1±6.2	85.2±8.4	92.9±4.5	78.2±7.4	11.5±4.9	NA	74.7±9.0	73.3±9.0	63.4±9.1
Arkansas	94.6±3.7	79.1±7.6	89.7±5.3	87.9±6.4	88.0±5.5	80.2±7.3	11.0±4.9	NA	76.0±7.8	72.2±8.1	62.7±8.3
California	95.0±2.4	82.5±4.6	91.7±3.0	92.3±3.3	92.2±2.9	80.6±4.7	22.7±4.6	NA	79.5±4.8	77.8±4.9	67.0±5.5
CA-Los Angeles County	94.5±4.4	84.4±7.7	90.7±5.6	92.3±6.1	94.1±4.5	80.4±8.2	23.3±8.1	NA	78.9±8.4	77.8±8.5	66.5±9.4
CA-San Diego County	91.5±5.3	83.0±6.4	86.5±6.0	93.6±3.4	89.0±5.7	77.6±7.0	23.5±6.9	NA	78.9±6.8	77.5±7.0	68.0±7.7
CA-Santa Clara County	97.5±2.4	89.4±4.4	95.1±3.6	94.1±3.6	95.1±3.0	87.7±4.7	25.6±6.5	NA	86.4±5.2	85.1±5.3	77.4±6.1
CA-Rest of State	95.5±3.5	80.8±6.9	92.6±4.4	91.9±5.0	91.6±4.5	80.5±7.1	22.0±7.0	NA	79.1±7.2	77.1±7.4	65.9±8.4
Colorado	94.7±3.5	85.2±5.3	92.5±3.9	88.9±4.9	92.5±4.1	75.1±6.4	11.5±4.6	NA	81.5±5.8	79.3±6.0	65.1±7.1
Connecticut	99.3±1.4	88.9±5.3	93.0±4.5	95.1±3.7	97.7±2.3	88.6±4.9	20.4±6.1	NA	86.7±5.6	85.1±5.8	77.0±6.6
Delaware	98.5±2.3	88.6±5.3	94.8±3.2	92.6±4.0	95.7±3.0	87.1±5.2	8.9±4.1	NA	84.1±5.9	83.2±5.9	76.5±6.5
District of Columbia	97.6±2.7	86.3±6.2	94.7±4.2	95.5±3.5	91.4±5.2	87.9±6.1	29.8±9.0	NA	85.2±6.4	81.6±7.1	73.5±8.1
Florida	97.6±2.4	83.3±5.3	93.8±3.2	90.9±4.0	92.2±4.1	89.8±4.0	22.3±5.5	NA	81.5±5.4	80.6±5.4	74.9±5.8
FL-Miami-Dade County	NA	88.5±5.5	95.3±3.7	93.3±4.4	95.2±4.9	86.3±6.0	15.9±6.9	NA	86.9±5.7	83.0±7.0	73.2±8.0
FL-Duval County	95.8±3.6	79.4±7.5	91.1±4.7	87.6±6.4	92.9±4.2	85.2±6.2	14.5±5.1	NA	75.9±8.0	75.4±8.0	68.5±8.2
FL-Rest of State	97.3±3.0	82.8±6.4	93.8±4.0	90.8±4.9	91.7±5.0	90.8±4.8	24.0±6.7	NA	81.1±6.5	80.7±6.6	75.7±7.1
Georgia	96.3±3.4	87.3±4.9	94.4±3.6	93.7±3.1	91.4±4.6	87.0±4.9	13.5±3.7	NA	84.4±5.1	82.2±5.4	76.7±5.8
GA-Fulton/DeKalb Counties	97.9±2.7	89.3±5.5	94.2±3.9	95.8±4.2	94.9±4.0	84.5±7.1	26.4±7.9	NA	83.8±6.8	81.2±7.1	72.6±8.4
GA-Rest of State	96.0±4.0	86.9±5.7	94.5±4.2	93.3±3.7	90.7±5.4	87.5±5.7	11.1±4.1	NA	84.6±6.0	82.4±6.3	77.5±6.7
Hawaii	91.6±5.7	75.9±8.0	87.2±6.5	90.8±6.1	89.7±6.1	82.5±7.3	11.4±5.1	NA	73.7±8.2	72.9±8.2	67.9±8.5
Idaho	90.8±4.1	71.0±6.1	86.0±4.7	84.2±5.1	89.1±4.3	71.2±6.1	NA	NA	67.4±6.3	66.8±6.3	52.7±6.6
Illinois	95.5±2.8	81.6±5.0	90.0±3.9	90.1±3.9	93.9±3.2	80.0±5.0	9.8±3.7	NA	78.4±5.2	77.5±5.3	68.0±5.8
IL-City of Chicago	NA	85.1±7.1	91.2±5.9	90.1±5.9	98.5±2.1	79.5±8.3	NA	NA	82.3±7.5	82.3±7.5	68.7±9.4
IL-Rest of State	94.5±3.4	80.8±5.9	89.7±4.5	90.0±4.5	92.9±3.8	80.1±5.8	10.5±4.4	NA	77.5±6.2	76.5±6.3	67.8±6.8
Indiana	95.7±2.5	81.1±4.8	93.5±3.0	88.5±4.0	91.9±3.4	75.7±5.4	12.2±4.2	NA	76.5±5.3	74.1±5.4	60.2±6.1
IN-Marion County	91.8±6.1	74.5±8.1	88.4±6.5	88.1±5.4	90.2±6.2	81.5±7.3	13.9±4.9	NA	74.4±8.1	73.2±8.1	66.4±8.3
IN-Rest of State	96.4±2.7	82.2±5.5	94.4±3.3	88.6±4.6	92.2±3.9	74.6±6.2	12.0±4.8	NA	76.9±6.0	74.3±6.2	59.1±7.0
Iowa	97.0±2.3	88.0±4.8	95.6±2.8	93.4±3.5	95.8±2.7	81.8±5.4	7.0±3.3	NA	85.8±5.2	84.8±5.2	73.0±6.3
Kansas	92.1±4.2	79.5±6.1	88.0±5.1	89.3±4.7	90.4±4.5	74.2±6.4	13.4±4.7	NA	77.1±6.3	75.8±6.4	61.5±7.0
Kentucky	94.5±4.6	84.9±6.1	91.3±5.6	93.6±4.3	93.4±4.7	85.4±5.8	9.5±4.1	NA	81.2±6.9	80.1±6.9	72.9±7.2
Louisiana	97.1±3.3	86.0±5.4	93.8±3.8	91.4±4.5	94.9±3.9	92.7±4.4	7.1±3.3	NA	84.1±5.6	82.0±5.9	77.7±6.4
LA-Orleans Parish	98.2±2.5	80.9±8.5	85.4±7.7	88.1±7.2	97.3±3.1	88.2±6.9	NA	NA	77.6±9.0	77.6±9.0	73.4±9.7
LA-Rest of State	97.0±3.5	86.5±5.9	94.6±4.1	91.7±4.9	94.7±4.3	93.1±4.7	NA	NA	84.7±6.0	82.4±6.4	78.1±6.9
Maine	97.7±2.0	92.5±3.5	92.8±3.6	95.5±2.7	95.6±2.8	75.4±5.9	NA	NA	88.4±4.3	86.9±4.6	67.3±6.4
Maryland	97.8±1.8	87.9±4.5	95.3±2.7	93.4±3.8	95.6±2.8	78.1±5.7	20.2±5.4	NA	84.1±5.2	82.1±5.5	65.9±6.6
MD-City of Baltimore	98.0±2.7	89.9±5.2	93.7±4.2	95.8±3.5	91.9±5.2	77.2±8.2	NA	NA	87.8±5.6	81.8±6.9	63.8±9.1
MD-Rest of State	97.7±2.0	87.6±5.0	95.5±3.0	93.1±4.2	96.1±3.0	78.2±6.3	21.4±6.0	NA	83.7±5.8	82.1±6.1	66.1±7.3
Massachusetts	97.6±2.2	87.6±5.1	92.2±4.3	96.3±2.6	97.3±2.3	88.7±4.5	7.8±3.6	NA	85.9±5.3	85.9±5.3	78.6±6.0
MA-City of Boston	98.7±1.8	89.7±4.9	95.9±3.1	96.4±2.9	98.7±1.9	93.7±3.8	NA	NA	88.2±5.3	88.2±5.3	83.2±6.1
MA-Rest of State	97.5±2.4	87.4±5.6	91.8±4.6	96.2±2.8	97.2±2.5	88.2±4.9	8.2±3.9	NA	85.7±5.7	85.7±5.7	78.1±6.5
Michigan	94.3±3.1	79.9±5.4	89.7±4.1	89.7±4.0	92.1±3.3	80.6±5.2	5.9±2.9	NA	78.3±5.5	76.4±5.7	66.5±6.3
MI-City of Detroit	89.3±7.1	NA	84.5±8.3	85.6±8.2	86.5±7.6	NA	NA	NA	NA	NA	NA
MI-Rest of State	94.7±3.3	80.7±5.8	90.1±4.3	90.0±4.3	92.5±3.6	81.3±5.6	NA	NA	79.2±5.9	77.2±6.1	67.4±6.8
Minnesota	97.8±2.1	88.4±4.7	91.9±4.1	95.1±3.2	93.8±3.3	71.3±6.1	21.8±5.1	NA	85.2±5.1	82.2±5.4	61.2±6.6
Mississippi	96.4±2.9	86.1±5.7	91.8±4.6	90.3±4.8	92.0±4.7	79.6±6.4	NA	NA	84.0±5.9	81.5±6.4	68.1±7.4
Missouri	95.3±3.6	84.6±6.0	93.7±3.9	92.9±3.9	94.2±3.9	88.1±5.1	12.7±5.2	NA	83.2±6.1	82.8±6.1	76.5±6.7
Montana	94.3±3.0	78.8±5.6	89.6±4.0	88.5±4.4	90.8±3.8	78.1±5.6	10.0±4.0	NA	77.4±5.7	74.3±6.0	60.3±6.7
Nebraska	96.5±2.3	84.2±4.7	93.9±3.2	93.1±3.4	93.4±3.4	80.2±5.0	14.1±4.7	NA	81.7±5.0	79.2±5.3	65.8±6.1
Nevada	96.2±3.0	75.1±7.1	91.5±4.6	86.6±5.8	93.0±4.3	86.1±6.1	NA	NA	73.2±7.2	72.0±7.3	67.4±7.6
New Hampshire	98.5±1.7	88.4±4.3	91.6±3.8	93.7±3.2	95.8±2.9	85.3±4.7	11.5±4.2	NA	85.9±4.6	84.8±4.8	76.8±5.6
New Jersey	99.3±0.9	87.8±4.8	90.5±4.9	92.9±3.9	95.7±3.4	89.5±4.7	20.6±6.6	NA	81.5±6.2	81.2±6.2	76.0±6.8
NJ-City of Newark	91.8±6.9	NA	82.9±9.2	88.3±7.4	90.6±7.2	NA	NA	NA	NA	NA	NA
NJ-Rest of State	99.5±0.9	88.3±4.9	90.7±5.0	93.0±4.0	95.8±3.5	89.9±4.9	21.0±6.8	NA	82.0±6.4	81.7±6.4	76.6±6.9
New Mexico	93.5±4.9	77.0±7.5	90.0±6.4	88.6±5.6	90.4±5.6	79.9±7.0	13.2±5.3	NA	73.6±8.1	72.4±8.1	64.7±8.4
New York	98.2±1.9	87.3±4.1	93.4±3.2	95.0±2.6	93.4±3.7	89.7±3.8	16.5±5.0	NA	84.7±4.5	80.5±5.2	75.2±5.5
NY-City of New York	97.7±4.4	88.4±6.8	91.5±6.0	92.8±5.0	91.2±9.1	89.7±6.9	NA	NA	84.1±7.5	NA	NA
NY-Rest of State	98.3±1.9	86.9±5.1	94.2±3.7	96.0±3.0	94.3±3.3	89.6±4.5	19.8±6.7	NA	84.9±5.6	81.4±6.0	76.1±6.5
North Carolina	98.3±1.7	82.9±6.6	95.1±3.4	89.1±5.8	94.7±3.3	90.4±4.5	14.2±4.6	NA	80.0±6.8	78.5±6.8	72.5±7.2
North Dakota	95.2±3.5	86.5±5.0	91.7±4.1	90.6±4.2	91.9±4.2	84.7±5.4	9.2±3.6	NA	83.7±5.3	80.3±5.6	71.4±6.4
Ohio	97.6±1.5	85.8±4.0	93.9±2.7	95.7±2.3	95.6±2.1	87.3±3.9	16.2±4.3	NA	83.9±4.2	82.0±4.3	74.9±5.0
OH-Cuyahoga County	96.5±2.9	82.7±6.1	93.4±3.9	93.9±4.0	95.8±3.1	89.8±5.0	14.9±5.4	NA	80.0±6.4	79.5±6.4	74.8±6.9
OH-Franklin County	97.4±2.9	88.0±5.3	91.8±4.7	96.0±3.0	92.8±4.2	82.3±6.7	14.0±5.8	NA	86.2±5.6	82.4±6.2	71.2±7.7
OH-Rest of State	97.8±1.9	86.0±5.0	94.3±3.3	95.9±2.8	96.0±2.6	87.7±4.8	16.7±5.5	NA	84.1±5.2	82.3±5.5	75.5±6.3
Oklahoma	93.1±5.6	78.5±7.6	89.9±5.8	92.0±5.1	90.8±6.0	71.5±8.1	15.2±5.7	NA	75.5±7.9	73.9±8.0	61.9±8.5
Oregon	94.2±3.3	79.0±5.9	88.6±4.5	90.4±4.1	92.8±3.6	81.0±5.4	18.6±5.3	NA	77.9±6.0	77.5±6.0	68.2±6.6
Pennsylvania	96.9±2.3	87.6±4.2	95.0±2.7	94.8±2.8	94.5±2.8	87.2±4.6	28.3±5.6	NA	85.1±4.5	84.4±4.5	74.2±5.7
PA-Philadelphia County	97.5±3.7	83.2±7.7	94.8±4.7	93.8±5.0	88.5±7.0	90.1±5.9	29.4±9.5	NA	82.1±7.9	78.4±8.6	74.0±9.0
PA-Rest of State	96.8±2.5	88.1±4.6	95.0±3.0	94.9±3.1	95.2±3.0	86.8±5.0	28.2±6.2	NA	85.5±4.9	85.1±5.0	74.2±6.2
Rhode Island	NA	88.1±4.9	95.8±3.1	96.1±2.9	96.9±2.3	92.1±4.0	13.5±4.7	NA	85.7±5.2	84.2±5.4	78.9±5.9
South Carolina	98.3±2.0	88.3±5.2	96.9±2.6	94.4±3.3	95.8±3.8	94.4±3.4	16.3±5.7	NA	87.5±5.3	84.9±6.0	82.6±6.3
South Dakota	95.6±3.6	85.0±5.6	90.9±4.8	93.8±4.0	92.7±4.0	73.8±6.7	NA	NA	84.2±5.6	82.0±5.8	65.3±7.1
Tennessee	96.7±2.1	87.4±3.6	93.2±2.8	91.5±2.9	94.1±3.0	86.6±3.9	11.5±3.3	NA	83.8±3.9	82.0±4.3	75.0±4.8
TN-Davidson County	98.9±1.5	90.4±5.0	94.1±3.5	91.4±4.8	93.9±3.8	81.6±6.3	19.8±6.2	NA	84.4±6.1	81.7±6.4	70.8±7.3
TN-Shelby County	92.6±5.0	81.1±6.7	89.2±5.7	85.9±6.0	91.9±5.1	88.0±5.9	14.5±5.2	NA	76.7±7.1	75.8±7.2	70.9±7.6
TN-Rest of State	97.5±2.7	88.6±4.8	94.1±3.7	93.1±3.8	94.7±4.1	87.1±5.3	9.2±4.4	NA	85.8±5.3	83.7±5.8	76.9±6.5
Texas	92.7±2.9	78.1±4.6	88.1±3.8	89.7±3.3	89.8±3.3	80.8±4.6	13.8±3.7	NA	74.7±5.0	73.3±5.0	64.2±5.6
TX-Bexar County	95.1±4.8	78.6±7.8	91.9±5.5	90.7±5.9	92.1±5.6	77.9±7.8	14.9±5.8	NA	76.6±7.9	76.1±7.9	65.6±8.6
TX-City of Houston	90.2±6.1	74.3±9.2	90.4±5.7	89.6±6.2	87.6±6.7	72.0±9.3	NA	NA	73.0±9.3	70.3±9.5	NA
TX-Dallas County	94.7±4.3	79.3±7.5	93.4±4.6	90.1±5.2	90.2±5.4	85.4±6.5	16.2±6.1	NA	77.7±7.6	75.0±7.9	68.5±8.5
TX-El Paso County	87.5±7.4	NA	85.0±7.9	78.2±9.6	83.4±8.1	75.4±9.7	NA	NA	NA	NA	NA
TX-Rest of State	92.7±4.1	79.2±6.6	86.4±5.5	90.1±4.7	90.2±4.6	82.0±6.7	13.4±5.3	NA	74.9±7.1	73.8±7.2	65.2±8.1
Utah	88.9±4.3	71.7±6.2	83.8±5.2	87.1±4.7	85.2±4.9	69.9±6.4	NA	NA	68.5±6.4	66.9±6.6	56.2±6.9
Vermont	98.5±2.0	93.2±3.6	96.6±2.7	94.6±3.1	96.7±2.7	86.6±4.4	10.6±4.1	NA	90.1±4.1	89.4±4.2	79.2±5.3
Virginia	96.7±2.7	81.0±5.7	91.8±3.9	88.4±4.6	92.9±3.8	85.2±5.2	18.4±5.5	NA	77.2±6.1	75.4±6.3	66.9±6.8
Washington	95.9±2.5	85.8±3.9	92.4±3.2	94.2±2.7	95.4±2.6	81.3±4.7	8.5±3.0	NA	83.7±4.1	83.2±4.2	72.5±5.1
WA-King County	97.0±2.4	86.0±4.9	94.0±3.3	96.0±2.8	95.5±2.9	83.8±5.5	NA	NA	83.7±5.2	82.0±5.4	70.1±6.6
WA-Rest of State	95.4±3.4	85.8±5.2	91.7±4.3	93.5±3.7	95.4±3.4	80.3±6.2	9.5±4.1	NA	83.7±5.5	83.7±5.5	73.6±6.7
West Virginia	95.7±3.7	76.1±7.2	88.6±5.3	87.5±5.3	92.8±5.1	67.2±7.6	9.0±4.2	NA	74.0±7.3	73.1±7.3	52.7±8.0
Wisconsin	93.7±2.8	84.0±4.1	90.6±3.3	90.1±3.4	91.4±3.1	82.0±4.3	11.5±3.4	NA	80.0±4.5	77.8±4.6	69.6±5.1
WI-Milwaukee County	92.6±5.3	79.1±7.0	89.0±5.7	90.7±5.0	87.0±6.0	76.1±7.0	9.4±4.2	NA	75.8±7.2	70.6±7.5	58.1±7.9
WI-Rest of State	93.9±3.2	85.1±4.8	91.0±3.9	90.0±4.0	92.4±3.5	83.5±5.0	12.0±4.1	NA	81.0±5.3	79.5±5.4	72.3±6.0
Wyoming	94.7±3.7	85.2±5.4	91.8±4.3	90.3±4.4	93.7±4.1	60.4±6.9	NA	NA	82.2±5.7	80.8±5.9	50.1±7.1

* Estimate=NA (Not Available) if the unweighted sample size for the numerator was <30 or (CI half width)/Estimate >0.5 or (CI half width)>10

† Children in the Q1/1996-Q4/1996 National Immunization Survey were born between February 1993 and May 1995.

‡ Three or more doses of any diphtheria and tetanus toxoids and pertusis vaccines including diphtheria and tetanus toxoids, and any acellular pertussis vaccine (DTP/DTaP/DT)

§ Four or more doses of any diphtheria and tetanus toxoids and pertussis vaccines including diphtheria and tetanus toxoids, and any acellular pertussis vaccine (DTP/DTaP/DT)

‖ Three or more doses of any poliovirus vaccine

¶ One or more doses of measles-mumps-rubella vaccine; previous reports of vaccination coverage were for measles-containing vaccine (MCV)

** Three or more doses of *Haemophilus influenzae* type b (Hib) vaccine

†† Three or more doses of hepatitis B vaccine

‡‡ One or more doses of varicella at or after child's first birthday, unadjusted for history of varicella illness

§§ Three or more doses of DTP, three or more doses of poliovirus vaccine, and one or more doses of any MCV.

‖‖ Four or more doses of DTP, three or more doses of poliovirus vaccine, and one or more doses of any MCV.

¶¶ Four or more doses of DTP, three or more doses of poliovirus vaccine, one or more doses of any MCV, and three or more doses of Hib

*** Four or more doses of DTP, three or more doses of poliovirus vaccine, one or more doses of any MCV, three or more doses of Hib, and three or more doses of HepB

††† % ± 95% Confidence Interval