Estimated Vaccination Coverage* with Individual Vaccines and Selected Vaccination Series
Among Children 19-35 Months of Age Participating in the Special Supplement Nutrition Program for Women, Infants, and Children (WIC)
by State and Immunization Action Plan Area -- US, National Immunization Survey, Q3/1999-Q2/2000[†]

	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	94.3±0.7[†††]	79.9±1.2	88.5±0.9	88.8±1.0	92.6±0.8	89.4±0.9	60.6±1.4	82.8±1.2	75.7±1.3	74.2±1.3	70.8±1.4
Alabama	91.9±4.1	81.0±5.6	85.8±5.0	86.1±5.0	93.2±3.7	87.9±4.7	72.3±6.6	80.3±5.8	78.2±5.9	78.1±5.9	73.7±6.3
AL-Jefferson County	95.2±4.0	86.3±6.1	91.2±5.0	90.9±5.0	96.8±3.2	90.8±4.9	79.2±6.9	85.2±6.2	82.5±6.6	81.7±6.7	76.3±7.3
AL-Rest of State	91.4±4.7	80.1±6.5	84.9±5.8	85.3±5.8	92.6±4.2	87.5±5.4	71.2±7.6	79.5±6.6	77.5±6.8	77.5±6.8	73.3±7.2
Alaska	91.7±4.7	77.9±7.0	87.0±5.5	86.6±5.9	90.4±5.2	87.8±5.5	37.9±8.0	82.0±6.4	75.5±7.2	74.4±7.3	71.7±7.5
Arizona	91.1±4.1	79.0±5.5	87.4±4.5	86.9±4.5	90.5±4.2	86.8±4.5	58.0±6.2	80.6±5.1	74.1±5.8	72.7±5.9	67.7±6.0
AZ-Maricopa County	89.6±6.0	75.5±8.0	85.0±6.6	83.6±6.8	88.6±6.1	83.4±6.8	56.9±8.7	76.5±7.6	69.6±8.4	68.0±8.5	62.1±8.7
AZ-Rest of State	93.3±4.8	84.3±6.5	91.1±5.1	91.9±5.0	93.4±4.9	92.0±4.8	59.6±8.3	86.9±5.8	81.0±6.8	79.8±7.0	76.2±7.4
Arkansas	95.7±3.3	78.5±6.6	94.1±4.0	90.2±4.8	95.0±3.5	90.8±4.6	75.1±6.8	87.8±5.3	78.5±6.6	76.4±6.7	74.0±6.9
California	94.2±2.8	81.1±4.2	89.7±3.3	89.4±4.3	92.4±3.1	89.5±3.6	72.5±4.9	82.9±4.8	76.6±5.1	73.0±5.3	69.9±5.4
CA-Los Angeles County	93.4±3.6	78.8±6.0	87.7±4.7	91.7±3.9	91.7±3.9	89.2±4.3	82.3±5.4	85.5±5.0	76.2±6.2	74.0±6.4	71.8±6.5
CA-San Diego County	95.0±3.4	80.6±6.7	88.5±5.5	92.4±4.6	92.2±4.2	89.7±5.0	80.7±6.5	83.1±6.5	74.0±7.5	73.3±7.5	70.1±7.7
CA-Santa Clara County	98.0±2.8	82.5±8.7	89.6±6.9	88.1±7.3	95.5±4.5	86.8±7.8	NA	84.5±8.1	78.6±9.4	77.1±9.6	NA
CA-Rest of State	94.4±4.7	82.8±6.9	91.4±5.4	87.2±7.7	92.7±5.3	89.8±6.3	64.6±8.6	80.8±8.5	77.1±8.7	72.0±9.2	68.4±9.3
Colorado	94.3±5.1	78.8±8.1	89.7±6.3	87.6±7.0	91.3±6.0	88.8±6.6	53.7±9.8	82.4±7.8	75.6±8.6	72.7±8.8	69.6±9.1
Connecticut	94.8±4.5	87.0±7.0	89.1±6.8	93.2±5.3	95.8±4.1	91.8±5.9	NA	86.0±7.5	84.5±7.6	83.5±7.8	81.5±8.1
Delaware	89.6±5.9	73.6±8.1	86.1±6.1	87.3±6.1	89.2±5.9	87.4±6.4	55.1±9.3	79.0±7.4	69.3±8.4	65.8±8.7	63.1±8.9
District of Columbia	91.3±5.2	76.8±7.0	85.3±6.2	88.9±5.2	89.7±5.4	86.0±6.0	82.3±6.2	79.3±6.9	73.1±7.2	71.2±7.3	65.0±7.5
Florida	95.8±3.0	86.0±4.6	92.4±3.6	89.8±4.2	93.4±3.6	91.9±3.8	47.7±6.9	85.2±4.9	78.6±5.5	77.9±5.5	74.2±6.0
FL-Miami-Dade County	96.2±3.3	85.3±6.2	91.1±5.1	92.4±4.6	93.2±5.0	94.7±3.9	46.3±9.1	88.9±5.6	84.0±6.4	80.3±7.2	78.7±7.4
FL-Duval County	95.5±3.7	83.3±6.8	92.5±4.7	90.7±5.2	94.3±4.2	94.6±3.9	49.8±9.2	86.9±5.9	79.8±7.2	78.9±7.3	77.7±7.4
FL-Rest of State	95.7±3.8	86.3±5.7	92.6±4.6	89.1±5.3	93.4±4.5	91.1±4.9	47.9±8.6	84.2±6.2	77.3±7.0	77.3±7.0	72.9±7.5
Georgia	94.4±3.2	83.0±5.4	93.0±3.5	90.6±4.3	94.7±3.0	89.9±4.7	63.1±7.0	87.3±4.8	81.8±5.5	80.7±5.6	75.1±6.3
GA-Fulton/DeKalb Counties	92.3±4.7	81.6±6.8	88.8±5.5	91.1±4.8	89.8±5.2	92.0±4.7	69.3±8.3	82.7±6.6	76.7±7.4	73.2±7.7	69.3±8.1
GA-Rest of State	94.9±3.8	83.3±6.4	93.9±4.0	90.6±5.1	95.7±3.4	89.5±5.6	61.8±8.2	88.2±5.6	82.8±6.5	82.2±6.5	76.3±7.4
Hawaii	96.6±2.8	81.9±6.1	91.4±4.2	93.7±3.8	96.8±2.6	92.0±4.2	69.1±7.5	87.9±5.1	79.2±6.5	79.2±6.5	77.6±6.6
Idaho	94.1±4.1	70.7±8.2	88.9±5.6	84.8±6.4	93.1±4.7	92.8±4.8	24.2±7.9	78.0±7.3	64.9±8.9	64.9±8.9	64.9±8.9
Illinois	93.9±3.1	77.0±6.2	83.2±5.7	86.9±4.9	92.0±3.9	85.1±5.3	38.9±6.9	78.7±6.1	71.4±6.6	70.1±6.7	66.0±6.9
IL-City of Chicago	90.3±5.0	68.3±7.7	80.3±6.8	81.5±6.4	90.2±5.0	83.1±6.6	44.7±7.7	72.5±7.3	62.5±7.8	61.4±7.8	57.6±7.9
IL-Rest of State	96.7±3.8	83.7±9.1	85.4±8.6	91.1±7.0	93.4±5.7	86.7±8.0	NA	83.5±9.1	78.3±10.0	NA	NA
Indiana	93.8±3.7	75.5±6.9	84.7±5.8	81.4±6.1	92.3±4.1	83.9±5.8	48.5±8.0	76.5±6.8	70.5±7.2	69.7±7.3	64.4±7.6
IN-Marion County	88.8±6.3	74.0±8.7	82.5±7.5	84.8±7.3	87.8±6.5	82.1±7.6	55.5±9.9	77.1±8.3	65.1±9.3	64.3±9.3	58.9±9.5
IN-Rest of State	94.8±4.2	75.8±8.1	85.1±6.8	80.8±7.1	93.2±4.7	84.2±6.7	47.1±9.3	76.4±7.9	71.6±8.4	70.8±8.5	65.4±8.8
Iowa	96.7±3.2	89.8±5.5	94.1±4.3	92.1±5.2	95.4±4.1	95.9±4.0	NA	90.7±5.2	87.5±6.0	87.5±6.0	87.5±6.0
Kansas	91.1±6.1	74.2±9.0	84.0±7.5	86.0±7.1	88.5±6.9	80.3±8.3	NA	79.7±8.1	70.8±9.2	70.8±9.2	60.9±9.7
Kentucky	97.9±2.4	85.9±5.7	94.6±3.9	90.2±4.9	96.9±3.0	93.5±4.1	53.7±8.0	88.9±5.2	83.4±6.1	82.7±6.2	80.9±6.3
Louisiana	96.3±2.4	80.5±5.4	91.8±3.5	90.3±3.7	94.3±3.1	90.5±3.8	67.7±6.1	86.3±4.4	77.8±5.5	77.7±5.5	73.3±5.8
LA-Orleans Parish	92.7±3.8	76.5±6.6	81.9±6.1	81.5±6.3	90.9±4.3	78.5±6.6	50.9±7.9	74.5±6.9	69.5±7.1	68.9±7.2	60.9±7.6
LA-Rest of State	96.9±2.7	81.1±6.1	93.3±3.9	91.6±4.2	94.8±3.6	92.3±4.2	70.2±6.9	88.1±4.9	79.0±6.3	79.0±6.3	75.1±6.6
Maine	95.4±4.2	86.0±6.8	92.3±5.3	90.0±5.8	95.9±3.3	85.2±6.8	41.7±9.6	85.8±6.9	81.6±7.5	79.8±7.7	75.2±8.3
Maryland	88.4±6.3	79.9±7.2	85.7±6.5	89.0±6.0	90.7±5.5	88.7±6.1	84.2±6.4	76.9±7.7	72.9±7.8	72.2±7.8	69.4±7.9
MD-City of Baltimore	90.7±4.4	77.1±6.4	89.0±4.7	94.9±3.3	89.6±4.6	90.2±4.5	84.8±5.4	82.9±5.6	72.4±6.6	69.9±7.0	65.9±7.2
MD-Rest of State	87.4±8.9	81.1±9.9	84.3±9.1	86.4±8.6	91.2±7.6	88.1±8.5	84.0±9.0	NA	NA	NA	NA
Massachusetts	95.7±3.5	86.8±5.9	95.7±3.1	92.1±5.0	97.4±3.6	96.0±2.5	75.7±8.2	87.8±5.8	84.3±6.3	82.1±7.0	79.5±7.1
MA-City of Boston	95.7±3.1	87.3±5.1	93.1±3.8	96.8±2.4	96.7±3.3	89.2±5.5	81.8±6.1	90.1±4.4	84.5±5.5	83.1±6.0	75.8±7.1
MA-Rest of State	95.7±4.3	86.7±7.1	96.4±3.7	91.1±6.1	97.6±4.4	97.6±2.7	74.3±10.0	87.2±7.0	84.3±7.6	81.9±8.5	80.3±8.6
Michigan	91.0±4.5	72.3±7.4	85.6±5.8	81.5±6.8	89.3±5.1	88.9±5.1	52.9±8.2	78.5±6.9	68.9±7.7	67.5±7.8	66.8±7.8
MI-City of Detroit	86.2±5.5	71.2±7.1	80.7±6.3	78.4±6.4	85.1±5.7	82.1±6.4	54.3±7.7	69.3±7.2	63.3±7.5	61.3±7.6	58.2±7.7
MI-Rest of State	92.3±5.6	72.6±9.2	87.0±7.2	82.4±8.5	90.4±6.4	90.7±6.2	NA	81.0±8.6	70.4±9.6	69.2±9.7	69.1±9.7
Minnesota	98.6±2.7	90.2±6.3	94.5±4.6	94.4±5.1	96.6±3.6	93.4±5.7	NA	90.2±6.5	84.8±7.9	83.4±8.1	78.0±9.3
Mississippi	97.4±2.4	89.9±4.8	92.3±4.4	90.3±4.7	96.0±3.1	92.0±4.2	48.4±7.8	87.6±5.4	84.8±5.7	84.4±5.8	82.1±6.0
Missouri	92.5±4.4	78.3±7.0	84.8±6.1	87.8±5.6	90.2±5.0	86.2±5.9	45.8±8.6	80.9±6.7	73.1±7.6	72.6±7.6	68.6±7.9
Montana	95.9±3.3	82.2±6.8	90.3±5.0	90.3±5.2	93.6±4.4	92.9±4.6	45.6±8.8	84.4±6.2	77.8±7.3	75.5±7.5	71.4±7.9
Nebraska	95.6±3.6	80.3±7.4	90.3±5.4	88.6±6.1	92.8±4.5	90.6±5.5	58.6±9.7	85.1±6.6	77.8±7.8	76.5±7.9	73.0±8.4
Nevada	88.1±5.6	76.8±7.2	89.2±5.2	90.2±5.0	90.0±5.2	88.4±5.5	55.5±8.2	84.0±6.2	75.7±7.3	75.3±7.3	74.6±7.3
New Hampshire	99.2±1.6	91.9±5.3	94.7±4.3	94.9±4.4	97.4±3.0	92.5±6.2	NA	91.9±5.3	89.2±6.0	87.4±6.5	81.1±8.3
New Jersey	94.1±5.6	78.3±9.5	86.7±7.4	83.7±9.1	93.5±5.3	84.5±9.3	NA	77.5±9.7	73.7±10.0	NA	NA
NJ-City of Newark	97.1±2.7	77.3±7.0	85.0±6.6	88.4±5.9	94.4±4.2	93.6±4.6	57.7±8.2	79.8±7.1	71.2±7.7	70.5±7.8	68.9±7.8
NJ-Rest of State	93.8±6.2	NA	86.9±8.2	NA	93.4±5.9	NA	NA	NA	NA	NA	NA
New Mexico	93.4±3.8	80.4±6.5	87.1±6.5	85.2±6.8	91.8±4.2	88.7±5.2	60.0±8.2	78.3±7.5	73.7±7.8	70.4±8.1	65.2±8.3
New York	95.8±2.8	83.0±4.9	88.3±4.1	92.5±3.2	91.7±3.7	91.0±4.3	65.9±6.2	84.6±4.6	77.7±5.4	75.3±5.6	72.6±6.0
NY-City of New York	95.7±3.2	80.1±6.6	84.7±5.8	90.8±4.7	90.7±4.7	92.5±4.0	67.2±7.7	81.0±6.4	73.3±7.4	70.8±7.5	69.5±7.6
NY-Rest of State	96.0±5.1	86.8±7.1	93.0±5.6	94.7±4.0	93.0±5.8	89.0±8.4	NA	89.4±6.4	83.6±7.8	81.2±8.1	76.6±9.7
North Carolina	98.1±2.3	84.6±7.0	88.8±6.0	94.7±4.0	96.7±2.9	92.7±3.9	63.3±8.4	88.3±6.0	82.3±7.2	81.5±7.3	78.2±7.5
North Dakota	94.5±3.8	85.1±6.0	89.6±5.1	90.4±4.8	93.0±4.7	94.7±3.9	45.5±8.5	83.4±6.1	79.4±6.7	77.4±7.1	76.6±7.2
Ohio	94.2±3.1	73.4±7.0	88.0±4.4	87.9±4.6	93.6±3.7	91.4±4.1	53.7±7.7	80.3±5.7	68.8±7.3	68.6±7.3	66.4±7.3
OH-Cuyahoga County	87.0±6.5	69.7±8.5	79.4±7.6	79.0±7.6	85.8±6.7	79.1±7.9	51.7±9.0	69.4±8.5	63.3±8.8	63.3±8.8	57.6±9.0
OH-Franklin County	94.5±4.0	75.8±7.6	85.3±6.4	89.0±5.7	91.5±5.2	86.9±6.3	66.7±8.4	80.5±7.3	70.0±8.3	67.9±8.5	63.3±8.8
OH-Rest of State	95.7±3.9	73.8±9.2	90.1±5.6	89.5±5.9	95.5±4.8	94.5±5.2	NA	82.5±7.3	69.8±9.6	69.8±9.6	68.6±9.7
Oklahoma	92.7±3.8	70.6±6.8	82.0±5.7	87.4±4.9	87.6±5.0	83.5±5.5	66.4±6.9	78.8±6.0	66.5±7.0	66.5±7.0	62.9±7.1
Oregon	93.7±4.3	83.7±6.2	87.1±5.6	91.4±4.9	92.8±4.6	86.7±5.9	70.9±7.6	84.9±6.0	78.5±6.8	77.5±7.0	72.9±7.4
Pennsylvania	95.0±3.6	83.9±5.8	93.0±4.1	90.2±5.0	95.3±3.4	92.2±4.0	70.2±7.7	86.7±5.5	79.0±6.5	78.0±6.6	75.4±6.7
PA-Philadelphia County	96.5±2.5	80.4±6.0	91.9±4.1	91.2±4.2	94.8±3.0	88.2±5.2	77.4±6.2	85.9±5.2	76.2±6.4	75.1±6.5	68.6±7.1
PA-Rest of State	94.5±4.8	85.2±7.5	93.4±5.3	89.8±6.5	95.5±4.4	93.5±5.0	NA	86.9±7.1	79.9±8.4	79.0±8.5	77.7±8.7
Rhode Island	94.6±3.7	86.1±6.1	93.1±4.4	89.5±5.2	94.7±4.0	94.4±3.9	78.1±7.0	84.2±6.1	80.1±6.8	76.6±7.3	74.0±7.5
South Carolina	96.6±3.0	82.0±6.0	94.1±3.6	88.6±5.0	95.7±3.2	94.0±3.9	63.0±7.3	87.8±5.2	79.7±6.3	79.2±6.4	78.0±6.5
South Dakota	95.3±3.6	80.3±7.1	90.4±5.8	89.5±5.1	94.4±4.1	88.9±5.6	24.8±7.6	83.7±6.7	78.2±7.4	75.9±7.7	69.8±8.3
Tennessee	95.5±2.4	85.5±4.1	89.4±3.6	89.3±3.7	94.9±2.4	93.8±2.4	61.5±5.7	84.4±4.1	81.5±4.4	80.4±4.5	77.7±4.7
TN-Davidson County	92.0±4.6	77.2±7.0	82.5±6.5	84.5±6.2	90.7±5.1	86.6±5.7	59.1±8.3	72.3±7.5	67.8±7.8	66.8±7.9	59.8±8.2
TN-Shelby County	97.3±2.8	84.9±6.1	90.5±4.9	88.4±5.7	93.1±4.4	92.2±4.4	52.3±8.6	82.7±6.6	77.3±7.2	75.2±7.4	73.7±7.5
TN-Rest of State	95.4±3.3	86.9±5.4	90.0±4.8	90.2±4.9	96.0±3.1	95.2±3.1	64.6±7.7	86.6±5.5	84.7±5.8	83.8±5.9	81.4±6.2
Texas	92.4±2.4	70.7±4.8	83.2±3.8	84.7±3.7	90.3±3.0	86.0±3.4	63.7±5.0	78.2±4.1	67.0±5.0	65.3±5.0	61.2±5.1
TX-Bexar County	89.6±4.4	70.7±6.9	82.4±5.7	82.8±5.5	87.9±5.0	86.5±5.2	70.7±6.6	75.4±6.4	64.5±7.2	64.0±7.2	62.5±7.3
TX-City of Houston	88.5±5.4	70.1±8.1	77.2±7.6	85.9±5.9	89.0±5.3	74.6±7.8	66.2±7.7	71.5±8.0	65.9±8.1	64.4±8.2	56.7±8.3
TX-Dallas County	86.3±6.3	68.4±8.1	82.2±6.9	78.6±7.3	84.4±6.8	82.6±6.6	55.5±8.7	73.6±7.7	65.0±8.2	62.4±8.4	59.6±8.5
TX-El Paso County	88.7±4.3	70.4±6.0	86.7±4.6	85.3±4.5	89.9±4.1	83.8±4.9	68.5±5.9	78.4±5.4	66.8±6.1	66.0±6.2	61.6±6.3
TX-Rest of State	95.1±3.5	71.3±7.4	84.5±5.7	85.7±5.6	92.0±4.5	89.2±4.9	63.3±7.6	80.8±6.2	67.9±7.6	66.0±7.7	62.2±7.8
Utah	91.7±6.2	81.0±8.3	88.6±6.8	92.7±4.8	91.7±6.2	78.8±8.6	NA	84.7±7.4	78.3±8.5	78.3±8.5	65.7±9.7
Vermont	98.9±1.5	94.3±4.0	91.5±5.3	95.5±3.6	98.9±2.1	92.3±5.0	49.8±9.4	87.9±6.0	87.1±6.1	87.1±6.1	82.5±6.9
Virginia	95.5±3.9	77.6±9.1	88.4±7.2	91.6±5.7	86.6±7.6	91.1±6.0	NA	82.5±8.4	75.4±9.6	73.6±9.8	NA
Washington	94.6±2.7	78.5±5.6	86.7±4.3	89.2±4.1	91.9±3.6	89.6±3.9	39.7±6.7	81.8±5.0	74.1±5.9	72.1±6.1	70.0±6.2
WA-King County	88.1±7.2	75.7±9.0	78.3±8.9	85.9±7.5	85.4±7.6	77.8±8.8	35.1±9.7	72.7±9.5	70.8±9.6	69.7±9.7	64.4±10.0
WA-Rest of State	96.2±2.9	79.2±6.6	88.9±4.8	90.0±4.7	93.6±4.1	92.6±4.3	40.9±8.0	84.2±5.8	75.0±7.0	72.7±7.3	71.4±7.4
West Virginia	92.5±4.2	83.2±5.8	91.1±4.3	91.1±4.2	92.9±3.9	88.4±5.0	58.3±7.9	85.0±5.5	79.4±6.2	78.1±6.3	73.5±6.8
Wisconsin	94.7±3.4	77.5±6.4	84.3±5.6	87.7±4.7	92.2±3.9	90.2±4.5	42.3±7.6	79.2±6.1	72.4±6.8	72.1±6.8	69.5±7.1
WI-Milwaukee County	89.6±6.9	73.7±8.8	85.2±6.6	82.6±7.2	87.0±6.8	87.1±6.8	45.8±9.5	74.7±8.6	68.4±9.1	67.4±9.2	64.8±9.3
WI-Rest of State	97.4±3.6	79.5±8.6	83.8±7.8	90.5±6.1	95.1±4.7	91.9±5.9	NA	81.6±8.2	74.6±9.3	74.6±9.3	72.0±9.6
Wyoming	91.6±6.0	80.1±7.6	86.4±6.9	89.5±5.6	91.2±6.0	88.4±6.5	41.5±8.7	81.9±7.5	76.4±8.0	76.4±8.0	75.4±8.1

* 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 Q3/1999-Q2/2000 National Immunization Survey were born between August 1996 and November 1998.

[‡] Three 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)

[§] 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