Estimated Vaccination Coverage* with Individual Vaccines and Selected Vaccination Series
Among Children 19-35 Months of Age Whose Providers Participated in the Vaccines for Children (VFC) Program
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	95.4±0.5†††	83.1±0.9	90.2±0.7	91.0±0.7	93.9±0.6	91.0±0.7	63.0±1.1	85.4±0.9	79.3±1.0	77.7±1.0	74.3±1.1
Alabama	94.0±3.2	84.9±4.5	90.3±3.7	89.9±3.8	95.2±2.7	90.7±3.7	76.7±5.3	84.7±4.5	82.4±4.7	82.1±4.7	78.3±5.1
AL-Jefferson County	96.5±3.0	88.6±4.8	94.1±3.5	93.1±3.6	98.4±2.0	93.0±3.6	78.1±5.9	88.7±4.6	84.6±5.3	84.6±5.3	80.4±5.7
AL-Rest of State	93.6±3.7	84.3±5.2	89.6±4.3	89.3±4.4	94.7±3.1	90.3±4.3	76.4±6.1	84.0±5.3	82.1±5.5	81.7±5.5	77.9±5.9
Alaska	95.6±2.7	87.2±4.6	92.3±3.5	94.4±3.0	92.3±3.7	91.3±3.8	40.8±7.0	90.5±3.9	84.8±4.9	82.4±5.3	77.9±5.7
Arizona	92.8±3.0	80.7±4.2	88.5±3.4	89.1±3.3	92.4±3.0	88.6±3.3	63.8±4.8	82.7±3.9	75.9±4.4	74.7±4.5	70.2±4.6
AZ-Maricopa County	91.6±4.3	78.2±5.9	86.7±4.9	87.0±4.8	91.9±4.2	85.6±5.0	65.1±6.6	80.1±5.6	73.0±6.3	71.8±6.4	66.5±6.6
AZ-Rest of State	94.6±3.8	84.5±5.3	91.2±4.1	92.5±3.8	93.2±3.9	93.2±3.6	61.8±6.6	86.8±5.0	80.4±5.6	79.1±5.8	75.9±6.0
Arkansas	94.6±3.3	82.3±5.4	94.1±3.5	91.3±4.1	93.4±3.5	92.1±3.8	74.4±6.1	90.0±4.3	81.8±5.5	79.5±5.6	75.3±5.9
California	95.1±2.6	81.0±4.1	89.5±3.4	90.6±3.6	92.1±3.0	89.8±3.4	72.6±4.6	84.8±4.2	77.4±4.6	73.7±4.8	71.2±4.9
CA-Los Angeles County	94.6±3.4	78.4±6.3	87.5±5.3	91.7±4.4	92.7±3.7	86.9±5.1	76.2±6.3	85.2±5.5	75.2±6.6	73.1±6.7	69.0±6.9
CA-San Diego County	97.3±2.4	85.0±5.9	93.3±3.8	96.0±3.1	94.1±3.8	93.4±3.8	80.1±6.5	90.8±4.4	81.2±6.4	80.4±6.5	77.0±6.8
CA-Santa Clara County	97.6±2.3	83.8±6.0	91.3±4.5	90.4±4.8	91.5±5.0	91.2±4.6	66.2±7.8	85.6±5.7	80.0±6.5	75.5±7.2	72.6±7.4
CA-Rest of State	94.9±4.3	81.8±6.4	90.1±5.2	89.3±5.9	91.6±5.0	91.1±5.3	69.9±7.5	83.6±6.8	78.1±7.3	73.0±7.8	71.7±7.8
Colorado	97.1±2.2	83.4±5.0	91.8±3.6	92.0±3.6	93.2±3.4	94.9±2.9	59.8±6.5	85.8±4.6	79.4±5.4	76.3±5.7	74.4±5.8
Connecticut	99.0±1.4	93.5±3.6	96.4±2.8	97.8±2.1	98.7±1.9	96.0±3.2	71.3±6.6	94.8±3.3	93.0±3.7	91.7±4.1	88.8±4.8
Delaware	95.4±2.9	83.4±5.1	92.8±3.3	93.6±3.2	95.7±2.8	91.0±4.0	64.2±6.5	86.6±4.6	79.8±5.4	77.9±5.6	72.0±6.1
District of Columbia	91.2±5.3	77.2±6.8	85.5±6.0	90.3±4.7	88.9±5.6	89.8±5.3	79.5±6.4	80.5±6.6	73.8±7.0	71.6±7.1	68.9±7.1
Florida	95.9±2.4	86.2±3.8	91.1±3.2	89.7±3.4	94.5±2.7	93.1±2.8	51.4±5.5	84.7±4.1	79.5±4.5	78.4±4.5	75.2±4.8
FL-Miami-Dade County	96.4±2.7	85.2±5.1	90.8±4.2	92.7±3.8	93.4±4.1	93.4±3.6	47.9±7.5	88.0±4.7	83.2±5.3	79.6±6.0	77.8±6.2
FL-Duval County	98.3±1.6	85.8±4.8	95.2±2.7	92.0±3.7	97.4±2.2	96.3±2.3	59.7±7.2	89.4±4.1	81.8±5.3	80.3±5.5	79.3±5.6
FL-Rest of State	95.7±3.1	86.4±4.7	90.8±4.0	88.9±4.3	94.5±3.4	92.8±3.6	51.5±6.9	83.7±5.1	78.5±5.6	78.0±5.6	74.3±6.0
Georgia	96.1±2.3	85.8±4.0	93.8±2.7	91.5±3.2	95.7±2.2	92.3±3.5	65.4±5.7	89.0±3.5	83.7±4.2	82.9±4.2	78.5±4.9
GA-Fulton/DeKalb Counties	94.2±3.4	84.1±5.4	90.4±4.4	92.1±3.8	91.2±4.1	94.1±3.3	72.3±7.0	86.1±5.0	79.2±6.0	77.0±6.2	74.8±6.4
GA-Rest of State	96.5±2.6	86.2±4.7	94.4±3.2	91.4±3.8	96.6±2.5	91.9±4.1	64.0±6.7	89.6±4.1	84.6±4.9	84.1±4.9	79.2±5.7
Hawaii	96.3±2.7	85.3±4.6	91.9±3.6	93.8±3.2	94.8±3.0	91.1±3.9	74.9±5.7	89.3±4.0	82.5±5.0	81.1±5.1	78.4±5.3
Idaho	93.0±3.3	77.1±5.4	89.7±3.9	88.5±4.0	91.4±3.8	89.0±4.2	22.7±5.3	83.3±4.7	72.9±5.8	72.7±5.8	70.5±6.0
Illinois	94.9±2.5	79.9±4.8	86.9±4.2	88.5±3.7	93.0±3.2	88.9±3.8	44.4±5.8	82.0±4.6	75.6±5.1	73.9±5.2	70.5±5.4
IL-City of Chicago	92.2±4.5	70.3±7.6	82.7±6.6	82.6±6.4	91.2±4.8	85.9±6.1	43.1±7.6	73.5±7.3	63.9±7.8	61.8±7.9	58.5±7.9
IL-Rest of State	95.9±2.9	83.5±5.9	88.5±5.1	90.8±4.5	93.7±4.0	90.1±4.8	44.9±7.4	85.3±5.6	80.0±6.3	78.4±6.6	74.9±6.8
Indiana	96.9±2.1	79.9±5.1	90.1±3.8	90.8±3.6	94.8±2.7	88.5±3.8	54.5±6.2	85.3±4.5	77.3±5.3	75.8±5.4	71.0±5.6
IN-Marion County	94.0±4.0	76.7±6.8	88.5±5.3	85.6±5.8	92.8±4.3	87.7±5.2	53.4±7.9	81.1±6.4	71.8±7.2	70.8±7.3	65.4±7.6
IN-Rest of State	97.4±2.4	80.5±5.9	90.4±4.4	91.7±4.1	95.1±3.1	88.6±4.4	54.8±7.2	86.1±5.2	78.2±6.1	76.7±6.2	72.0±6.5
Iowa	97.9±1.9	89.3±4.2	93.0±3.5	91.8±4.0	97.2±2.1	94.6±3.0	50.5±6.8	88.4±4.5	85.1±4.9	85.1±4.9	83.7±5.0
Kansas	94.1±3.6	81.5±5.8	90.2±4.4	89.1±4.8	91.7±4.4	85.6±5.5	60.8±7.7	85.2±5.3	77.9±6.3	77.6±6.3	70.6±6.8
Kentucky	98.2±1.9	89.2±4.4	94.8±3.2	91.9±3.9	96.1±2.7	95.1±3.0	61.3±6.6	90.5±4.1	86.4±4.8	84.5±5.0	82.5±5.2
Louisiana	95.6±2.5	81.3±4.7	90.6±3.4	88.6±3.6	93.1±3.2	90.0±3.6	66.6±5.4	85.3±4.0	78.4±4.8	77.9±4.9	74.2±5.1
LA-Orleans Parish	93.9±3.3	79.4±5.7	85.3±5.1	83.4±5.4	93.3±3.6	83.7±5.4	53.7±7.2	78.1±5.9	72.7±6.3	72.2±6.3	65.9±6.8
LA-Rest of State	95.8±2.8	81.5±5.2	91.3±3.7	89.3±4.0	93.1±3.5	90.8±4.0	68.3±6.0	86.3±4.5	79.2±5.4	78.7±5.5	75.3±5.7
Maine	96.3±2.6	91.1±3.9	92.5±3.6	91.7±3.7	96.2±2.4	87.1±4.4	46.7±6.7	87.3±4.5	85.4±4.7	84.1±4.9	78.2±5.4
Maryland	95.9±2.3	84.7±4.3	88.4±3.8	94.3±2.8	95.5±2.5	95.0±2.6	79.1±5.1	84.0±4.3	79.1±4.8	77.4±5.0	75.4±5.2
MD-City of Baltimore	92.3±4.0	77.7±6.1	88.6±4.6	94.2±3.4	90.9±4.3	91.2±4.3	82.1±5.5	82.5±5.5	72.2±6.5	69.7±6.8	66.9±7.0
MD-Rest of State	96.5±2.7	85.9±4.9	88.3±4.4	94.4±3.2	96.3±2.9	95.7±2.9	78.6±5.9	84.2±5.0	80.3±5.5	78.7±5.8	76.8±6.0
Massachusetts	98.2±1.6	90.6±4.0	96.9±2.1	94.7±3.3	97.0±3.0	94.7±3.2	73.6±6.4	91.7±3.8	88.0±4.6	85.8±5.1	81.8±5.6
MA-City of Boston	94.8±3.7	87.9±5.5	93.6±4.2	95.5±3.1	96.7±3.8	92.9±4.5	80.9±6.7	89.7±5.1	85.6±6.0	83.3±6.7	78.4±7.3
MA-Rest of State	98.5±1.7	90.9±4.3	97.2±2.3	94.7±3.6	97.0±3.3	94.9±3.5	73.0±7.0	91.9±4.2	88.2±5.0	86.0±5.6	82.1±6.1
Michigan	94.1±2.8	80.4±5.0	90.4±3.6	90.6±4.1	92.7±3.4	91.6±3.6	57.6±6.4	85.1±4.6	77.5±4.5	76.4±5.5	74.3±5.7
MI-City of Detroit	87.2±5.3	69.0±7.3	79.6±6.4	84.4±5.5	85.0±5.8	85.4±5.6	54.5±7.6	70.0±7.1	62.1±7.5	59.4±7.6	58.8±7.6
MI-Rest of State	95.2±3.2	82.1±5.7	92.1±4.1	91.5±4.6	93.9±3.8	92.6±4.1	58.1±7.3	87.4±5.2	79.9±6.1	79.0±6.2	76.7±6.5
Minnesota	98.5±1.9	90.9±4.5	94.6±3.4	95.4±3.3	97.3±2.5	91.5±4.2	63.7±7.7	90.5±4.7	87.3±5.3	86.9±5.3	81.0±6.1
Mississippi	97.7±2.2	88.5±4.8	94.4±3.4	90.4±4.4	97.0±2.4	94.3±3.2	54.7±7.2	88.8±4.8	84.1±5.5	83.6±5.5	82.9±5.6
Missouri	95.2±2.8	85.0±5.1	89.8±4.1	91.7±3.9	93.9±3.2	91.1±3.9	55.6±7.0	86.7±4.7	81.4±5.5	81.0±5.5	77.7±5.9
Montana	96.9±2.2	84.7±4.8	93.2±3.2	91.0±3.8	95.1±2.8	92.5±3.4	48.8±6.5	87.3±4.3	80.5±5.2	79.3±5.3	74.0±5.7
Nebraska	97.6±1.9	87.7±4.3	91.5±3.5	92.5±3.7	94.3±3.0	91.2±4.0	61.6±6.8	87.5±4.4	83.5±4.9	82.1±5.0	78.2±5.6
Nevada	90.8±3.7	81.5±4.9	89.5±3.7	90.3±3.7	90.6±3.7	89.5±3.8	55.7±6.0	84.1±4.5	78.1±5.1	76.8±5.2	74.9±5.3
New Hampshire	97.8±2.0	91.2±3.9	94.7±3.2	95.2±2.8	97.9±1.9	93.9±3.2	64.0±6.8	89.5±4.2	86.6±4.7	85.2±4.9	81.5±5.4
New Jersey	97.4±2.3	80.1±5.7	86.2±5.0	89.7±4.7	97.9±1.5	89.3±5.0	62.0±6.9	81.0±5.9	75.9±6.2	75.5±6.2	71.1±6.5
NJ-City of Newark	96.8±2.7	73.4±7.5	85.5±5.7	89.4±5.0	93.1±4.3	94.8±3.2	55.8±7.8	79.8±6.4	69.8±7.7	68.6±7.7	67.1±7.8
NJ-Rest of State	97.4±2.4	80.5±6.0	86.2±5.3	89.7±5.0	98.2±1.6	88.9±5.3	62.4±7.3	81.0±6.3	76.3±6.6	75.9±6.6	71.3±6.9
New Mexico	94.7±3.0	81.0±5.4	87.1±5.3	84.7±5.6	93.2±3.3	90.3±4.2	59.5±6.8	77.6±6.1	72.8±6.4	69.9±6.6	65.2±6.8
New York	95.1±2.5	85.7±3.8	90.6±3.2	94.4±2.3	93.1±2.9	92.6±2.9	64.3±5.1	87.4±3.5	81.4±4.3	78.9±4.4	76.9±4.6
NY-City of New York	94.6±3.3	82.4±5.9	87.9±4.9	92.7±3.9	91.1±4.4	92.6±3.8	65.4±7.3	84.8±5.4	78.3±6.4	74.9±6.7	73.2±6.9
NY-Rest of State	95.6±3.7	88.7±5.0	93.0±4.0	95.8±2.7	95.0±3.8	92.7±4.2	63.3±7.2	89.7±4.6	84.2±5.6	82.6±5.8	80.3±6.0
North Carolina	97.6±2.1	88.8±4.8	89.7±4.7	93.9±3.4	96.7±2.5	93.4±3.1	67.9±6.6	88.3±4.9	85.9±5.2	85.3±5.3	82.3±5.5
North Dakota	97.2±2.0	87.5±4.0	91.9±3.4	91.5±3.3	95.3±2.8	96.3±2.3	50.8±6.1	85.8±4.2	82.6±4.6	80.2±4.9	78.8±5.0
Ohio	94.6±2.5	77.6±5.5	90.2±3.4	90.0±3.5	95.1±2.7	90.6±3.7	55.2±6.1	82.9±4.4	73.5±5.7	73.4±5.7	69.2±5.9
OH-Cuyahoga County	89.4±5.2	74.5±7.1	83.3±6.2	83.4±6.2	88.9±5.4	82.4±6.5	56.4±7.8	73.0±7.2	68.0±7.5	67.7±7.5	62.1±7.7
OH-Franklin County	95.6±3.2	82.5±5.9	88.3±5.1	92.0±4.4	93.1±3.9	90.6±4.8	70.7±7.2	84.3±5.8	76.1±6.7	74.9±6.8	70.7±7.2
OH-Rest of State	95.4±3.1	77.6±6.8	91.5±4.2	90.8±4.3	96.4±3.3	91.9±4.6	53.3±7.7	84.3±5.4	74.1±7.1	74.1±7.1	70.1±7.3
Oklahoma	95.8±2.8	76.5±5.8	86.7±4.6	90.6±4.0	90.7±4.1	87.3±4.5	71.5±6.0	83.7±4.9	72.5±6.1	72.0±6.1	67.8±6.3
Oregon	93.8±3.5	84.8±5.1	86.2±4.9	89.8±4.4	92.1±4.0	85.3±5.1	67.4±6.5	84.1±5.1	79.3±5.6	77.7±5.8	72.1±6.2
Pennsylvania	95.4±2.5	87.2±3.9	94.9±2.5	93.2±3.1	96.2±2.4	94.4±2.6	71.2±5.5	88.6±3.8	83.1±4.5	81.4±4.7	79.5±4.8
PA-Philadelphia County	97.2±2.4	84.0±5.3	92.9±3.7	93.7±3.6	94.8±3.1	91.3±4.5	77.6±6.0	87.5±4.8	80.1±5.7	78.1±5.9	74.0±6.4
PA-Rest of State	95.0±2.9	87.7±4.5	95.3±2.9	93.1±3.6	96.4±2.7	95.0±2.9	70.1±6.3	88.8±4.4	83.6±5.2	82.0±5.4	80.4±5.6
Rhode Island	95.9±3.0	90.5±4.5	94.6±3.4	95.2±3.4	97.8±2.3	97.9±2.0	81.1±5.8	88.5±4.9	86.5±5.3	85.2±5.5	84.0±5.6
South Carolina	96.2±2.8	83.2±5.2	94.0±3.2	90.1±4.2	96.0±2.8	93.6±3.7	63.6±6.4	88.2±4.5	81.2±5.4	80.7±5.5	78.9±5.7
South Dakota	97.1±2.2	82.3±5.5	93.2±4.0	93.0±3.4	96.0±3.0	94.4±3.4	23.9±5.9	87.3±4.8	80.7±5.6	78.5±5.9	75.3±6.2
Tennessee	95.6±2.2	86.0±3.6	89.3±3.2	90.8±3.1	94.4±2.2	94.1±2.1	64.9±5.0	84.5±3.7	81.4±4.0	80.2±4.0	78.0±4.2
TN-Davidson County	91.6±4.0	80.7±5.4	85.0±5.0	88.5±4.4	90.1±4.3	88.7±4.5	62.1±6.7	76.8±5.8	72.7±6.1	70.7±6.2	66.0±6.5
TN-Shelby County	97.9±2.5	88.1±5.1	92.6±4.2	91.1±4.8	92.5±4.3	91.4±4.4	59.3±7.9	87.2±5.6	82.1±6.3	79.7±6.6	78.0±6.7
TN-Rest of State	95.7±3.0	86.3±4.9	89.2±4.4	91.1±4.1	95.6±2.8	95.7±2.7	66.8±6.7	85.1±5.1	82.6±5.3	81.9±5.4	80.0±5.6
Texas	93.1±2.3	76.0±4.0	85.8±3.2	88.2±3.0	91.1±2.9	86.4±3.1	68.7±4.3	81.7±3.5	72.5±4.2	70.7±4.3	66.0±4.4
TX-Bexar County	91.6±3.6	74.3±5.9	85.4±4.7	86.0±4.5	90.9±4.0	87.1±5.0	76.1±5.5	79.6±5.4	68.5±6.3	68.1±6.3	64.9±6.5
TX-City of Houston	91.8±4.3	73.9±7.0	81.3±6.6	89.0±5.0	91.5±4.4	79.7±6.7	70.5±6.5	77.1±6.9	70.4±7.1	68.5±7.2	61.9±7.4
TX-Dallas County	91.4±4.7	77.3±6.7	87.3±5.5	84.7±5.8	90.7±5.1	86.3±5.4	60.1±7.9	78.7±6.5	71.7±7.1	69.5±7.3	64.2±7.6
TX-El Paso County	89.6±3.7	73.3±5.3	88.3±3.9	87.0±4.0	91.5±3.3	84.4±4.3	72.2±5.2	80.0±4.8	69.8±5.4	69.1±5.5	63.2±5.7
TX-Rest of State	94.1±3.4	76.6±6.0	86.3±4.7	88.9±4.4	91.1±4.2	87.8±4.5	68.5±6.3	83.4±5.1	73.8±6.2	71.7±6.3	67.4±6.5
Utah	94.5±3.4	83.2±5.0	89.0±4.3	92.9±3.2	93.6±3.5	83.0±5.1	51.3±6.5	85.3±4.8	80.4±5.2	79.1±5.3	69.2±6.1
Vermont	97.7±2.3	92.3±4.3	92.1±4.8	96.8±2.7	NA	92.6±4.6	49.5±8.9	88.2±5.5	86.9±5.6	86.9±5.6	81.6±6.6
Virginia	96.1±2.9	82.2±6.3	89.2±5.0	91.3±4.3	91.1±4.8	92.5±4.1	71.4±7.1	83.1±6.0	77.0±6.9	74.9±7.0	72.0±7.2
Washington	95.8±2.2	81.7±4.6	91.0±3.3	90.5±3.4	94.4±2.6	90.9±3.3	43.4±5.8	85.5±4.2	78.3±4.9	76.6±5.1	73.6±5.3
WA-King County	94.1±4.3	85.6±6.0	90.8±5.1	90.5±5.4	92.0±4.8	84.4±6.2	51.0±8.2	87.1±5.9	84.3±6.2	82.9±6.4	74.9±7.3
WA-Rest of State	96.3±2.6	80.4±5.8	91.1±4.0	90.5±4.2	95.1±3.1	92.9±3.9	41.0±7.2	85.0±5.1	76.4±6.2	74.6±6.4	73.1±6.6
West Virginia	94.3±3.2	84.4±4.8	92.2±3.4	92.6±3.3	95.2±2.7	92.0±3.5	59.6±6.5	86.2±4.5	81.4±5.0	80.2±5.1	77.5±5.4
Wisconsin	95.7±2.2	86.6±3.8	91.0±3.3	90.9±3.2	94.9±2.4	92.5±3.0	55.3±6.0	87.6±3.7	83.3±4.2	83.0±4.2	80.2±4.5
WI-Milwaukee County	87.3±6.4	70.2±7.9	85.0±6.4	80.3±7.3	85.3±6.9	82.5±7.2	49.6±8.3	75.1±7.6	64.9±8.1	63.9±8.2	59.9±8.3
WI-Rest of State	98.1±2.2	91.2±4.2	92.6±3.8	93.9±3.5	97.6±2.4	95.3±3.3	56.9±7.3	91.1±4.1	88.3±4.7	88.3±4.7	85.8±5.2
Wyoming	95.6±3.0	85.8±4.4	91.3±3.7	91.2±3.4	94.6±3.3	93.1±3.5	48.5±6.0	86.9±4.3	82.6±4.7	82.0±4.8	81.0±4.9

* 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, and one or more doses of MCV

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

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

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

††† % ± 95% Confidence Interval