

**Estimated Vaccination Coverage with Individual Vaccines
by 7 Months of Age by State and Immunization Action Plan Area --
US, National Immunization Survey, Q1/1998-Q4/1998***

	3+DTP [†]	2+Polio [‡]	3+Hib [§]	2+HepB [¶]
US National	65.4±1.0**	88.6±0.7	63.1±1.0	87.5±0.7
Alabama	72.6±5.0	91.3±3.3	69.8±5.2	90.8±3.2
AL-Jefferson County	76.2±5.8	94.1±3.1	75.8±5.8	87.3±4.3
AL-Rest of State	71.9±5.8	90.8±3.8	68.8±6.0	91.4±3.7
Alaska	56.6±6.3	86.7±4.1	46.7±6.4	88.2±4.1
Arizona	62.2±5.1	88.4±3.2	58.8±5.1	87.2±3.4
AZ-Maricopa County	64.8±6.9	90.6±4.2	60.9±7.0	87.5±4.8
AZ-Rest of State	57.9±7.2	85.0±5.0	55.3±7.1	86.8±4.3
Arkansas	50.1±6.0	85.1±4.3	48.5±6.0	86.8±4.0
California	63.8±4.1	86.5±3.0	61.1±4.1	84.6±3.0
CA-Los Angeles County	61.8±6.6	84.4±5.3	59.2±6.7	81.6±5.5
CA-San Diego County	68.2±6.0	87.0±4.3	64.7±6.1	77.8±5.5
CA-Santa Clara County	74.3±5.9	90.5±4.0	70.3±6.2	84.4±5.2
CA-Rest of State	63.4±6.3	87.2±4.4	60.8±6.4	87.3±4.3
Colorado	68.7±6.1	86.5±4.6	66.0±6.2	86.6±4.6
Connecticut	84.0±4.6	95.5±2.6	82.9±4.7	93.2±3.2
Delaware	63.0±6.3	87.2±4.4	57.7±6.4	81.3±5.1
District of Columbia	56.6±6.9	83.2±5.5	55.2±7.0	81.3±5.5
Florida	66.8±5.1	89.8±3.5	64.1±5.2	88.5±3.2
FL-Miami-Dade County	63.1±6.3	87.9±5.2	62.1±6.3	82.3±5.5
FL-Duval County	66.0±6.9	90.0±4.6	64.2±7.0	91.8±3.9
FL-Rest of State	67.7±6.5	90.2±4.4	64.5±6.6	89.6±4.0
Georgia	68.6±4.7	88.7±3.3	66.8±4.8	87.7±3.3
GA-Fulton/DeKalb Counties	58.4±7.4	86.4±5.4	56.6±7.4	85.3±4.7
GA-Rest of State	71.0±5.5	89.2±3.8	69.2±5.6	88.3±3.9
Hawaii	74.6±5.7	89.6±4.2	70.5±5.9	88.4±4.2
Idaho	56.5±5.8	80.9±4.6	54.9±5.8	86.0±4.0
Illinois	65.3±5.1	87.6±3.7	62.3±5.1	90.2±2.8
IL-City of Chicago	58.4±7.4	81.5±6.2	55.5±7.4	84.6±5.8
IL-Rest of State	68.1±6.5	90.1±4.6	65.1±6.6	92.5±3.1
Indiana	66.0±5.2	86.5±3.9	64.1±5.3	86.3±4.0
IN-Marion County	68.4±5.9	86.0±4.5	65.3±6.1	85.2±4.5
IN-Rest of State	65.5±6.2	86.5±4.6	63.9±6.2	86.5±4.7
Iowa	70.9±5.2	90.1±3.5	67.8±5.3	87.7±3.8
Kansas	57.1±6.5	87.1±4.5	55.2±6.5	85.8±4.8
Kentucky	60.1±6.2	87.9±4.1	59.6±6.2	89.3±3.8
Louisiana	59.3±5.7	87.8±3.9	57.9±5.7	87.8±3.8
LA-Orleans Parish	53.9±6.9	89.4±4.2	55.9±6.8	82.8±5.3
LA-Rest of State	60.0±6.4	87.5±4.4	58.2±6.4	88.5±4.2
Maine	72.3±5.4	94.3±2.8	69.1±5.5	89.7±3.6
Maryland	67.8±5.2	91.1±3.5	64.9±5.3	86.9±4.0
MD-City of Baltimore	63.9±7.4	89.6±4.7	63.4±7.4	86.8±5.0
MD-Rest of State	68.4±6.0	91.3±4.1	65.1±6.1	86.9±4.7
Massachusetts	81.8±4.2	93.1±2.7	80.1±4.5	89.7±3.2
MA-City of Boston	74.1±5.5	94.5±2.9	71.1±5.9	90.4±3.9
MA-Rest of State	82.7±4.6	93.0±3.0	81.1±5.0	89.6±3.6
Michigan	55.6±5.5	87.8±3.5	53.2±5.5	91.0±3.1
MI-City of Detroit	42.4±6.8	77.5±6.0	39.8±6.7	80.3±5.8
MI-Rest of State	57.5±6.2	89.3±4.0	55.2±6.2	92.5±3.5
Minnesota	75.6±5.7	90.2±3.7	73.2±5.8	88.2±3.7
Mississippi	61.3±6.2	89.5±4.1	59.7±6.2	91.6±3.6
Missouri	67.9±6.5	93.8±3.1	66.4±6.6	90.0±4.3
Montana	69.3±5.7	88.1±3.8	68.2±5.6	88.2±3.7
Nebraska	66.1±5.7	87.9±3.9	61.7±5.8	85.8±4.1
Nevada	60.7±6.5	84.7±5.1	57.9±6.6	85.6±5.0
New Hampshire	78.5±5.2	92.7±3.1	76.8±5.3	87.3±3.9
New Jersey	64.0±7.0	95.6±2.6	60.9±7.1	90.5±4.2
NJ-City of Newark	33.1±7.7	77.5±6.8	33.5±7.7	90.5±4.1
NJ-Rest of State	65.5±7.3	96.5±2.7	62.2±7.5	90.5±4.4
New Mexico	63.5±6.6	86.3±4.9	61.1±6.7	88.4±4.3
New York	66.3±4.8	90.2±3.1	63.8±4.9	87.6±3.5
NY-City of New York	64.0±7.1	87.5±5.2	60.7±7.2	84.0±5.6
NY-Rest of State	68.3±6.5	92.6±3.6	66.6±6.6	90.7±4.4
North Carolina	67.6±5.9	91.6±3.5	65.9±6.0	90.5±3.7
North Dakota	66.8±5.6	87.5±4.2	66.1±5.7	89.8±3.8
Ohio	64.5±4.8	85.5±3.6	63.0±4.9	86.9±3.6
OH-Cuyahoga County	57.4±6.9	83.5±5.3	53.8±6.9	89.7±4.8
OH-Franklin County	70.3±6.7	87.0±5.1	69.4±6.6	85.2±5.8
OH-Rest of State	64.9±6.1	85.7±4.6	63.7±6.2	86.6±4.6
Oklahoma	53.6±6.9	81.5±5.8	50.2±7.1	81.9±5.7
Oregon	62.5±5.9	85.8±4.3	63.1±5.9	87.1±4.0
Pennsylvania	71.2±4.5	93.8±2.3	68.3±4.7	89.6±3.1
PA-Philadelphia County	64.5±6.8	84.9±5.6	56.9±7.0	87.6±4.2
PA-Rest of State	72.4±5.2	95.4±2.5	70.4±5.4	89.9±3.6
Rhode Island	73.6±5.4	92.9±3.0	72.4±5.4	88.4±3.9
South Carolina	70.4±6.0	94.3±3.0	70.0±6.0	96.2±2.3
South Dakota	67.1±6.3	86.2±5.0	64.5±6.3	84.4±4.7
Tennessee	63.9±4.3	89.6±2.6	61.8±4.4	86.5±3.0
TN-Davidson County	68.0±6.1	83.4±5.0	65.1±6.2	82.1±5.0
TN-Shelby County	55.5±6.7	86.6±4.6	52.3±6.7	86.2±4.4
TN-Rest of State	65.7±5.9	91.5±3.5	64.1±6.0	87.2±4.2
Texas	60.2±4.3	83.6±3.2	58.3±4.3	84.5±3.1
TX-Bexar County	60.2±6.7	89.6±4.3	58.3±6.8	92.6±3.3
TX-City of Houston	58.3±7.7	79.3±7.1	56.1±7.7	82.1±6.0
TX-Dallas County	64.6±7.1	83.9±5.6	63.3±7.1	81.8±6.0
TX-El Paso County	59.4±6.2	87.9±4.3	54.2±6.2	82.7±4.9
TX-Rest of State	59.9±6.3	83.4±4.7	58.1±6.3	84.7±4.5
Utah	57.0±6.2	85.1±4.4	55.0±6.2	80.7±5.1
Vermont	77.6±5.5	93.5±3.4	77.0±5.5	87.5±4.1
Virginia	68.9±6.0	90.5±3.8	66.0±6.1	88.8±4.1
Washington	67.7±4.6	90.3±2.9	65.6±4.6	86.4±3.2
WA-King County	73.3±6.1	91.0±4.0	69.1±6.2	85.4±4.7
WA-Rest of State	65.5±5.9	90.0±3.8	64.2±6.0	86.8±4.1
West Virginia	62.7±5.9	90.0±3.7	61.3±6.0	90.1±3.8
Wisconsin	68.1±4.5	89.5±3.0	65.6±4.6	88.6±2.9
WI-Milwaukee County	60.8±6.5	84.2±5.4	59.1±6.5	80.0±5.0
WI-Rest of State	70.3±5.5	91.0±3.5	67.5±5.6	91.1±3.4
Wyoming	67.9±5.7	86.3±4.0	66.7±5.7	86.3±4.0

* Children in the Q1/1998-Q4/1998 National Immunization Survey were born between February 1995 and May 1997
[†] 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)
[‡] Two or more doses of any poliovirus vaccine
[§] Three or more doses of any poliovirus vaccine. The third dose is recommended to be administered between 6 and 18 months of age.
[¶] Three or more doses of *Haemophilus influenzae* type b (Hib) vaccine. The 6-month dose may not be required depending on the manufactured type of vaccine administered at 2 and 4 months; this information is not obtained in the NIS.
^{††} Two or more doses of hepatitis B vaccine. The third dose is recommended to be administered between 6 and 18 months of age.
^{**} % ± 95% Confidence Interval