

**Estimated Vaccination Coverage^ with Individual Vaccines and Selected Vaccination Series Among Children 19-35 Months of Age Living in an MSA\* Central City by State and Local Area -- US, National Immunization Survey, 2007†**

	4+DTaP <sup>‡</sup>	3+Polio <sup>§</sup>	1+MMR <sup>  </sup>	3+Hib <sup>¶</sup>	3+HepB <sup>**</sup>	1+Var <sup>††</sup>	3+PCV <sup>‡‡</sup>	4+PCV <sup>§§</sup>	4:3:1 <sup>   </sup>	4:3:1:3 <sup>™</sup>	4:3:1:3:3 <sup>***</sup>	4:3:1:3:3:1 <sup>†††</sup>	4:3:1:3:3:1:3 <sup>€</sup>	4:3:1:3:3:1:4 <sup>€€</sup>
<b>US National</b>	84.5±1.4	92.0±1.1	91.8±1.0	91.8±1.2	92.2±1.1	90.1±1.1	89.7±1.2	74.8±1.8	82.4±1.5	81.0±1.6	79.3±1.6	77.0±1.7	74.3±1.8	66.8±1.9
<b>Alabama</b>	87.8±8.0	94.3±5.8	93.1±5.3	94.2±5.2	96.2±4.0	89.6±10.0	95.1±4.2	82.1±8.6	87.3±8.0	86.6±8.1	84.1±8.6	NA	NA	NA
<b>Alaska</b>	84.8±9.4	93.2±6.4	91.2±6.5	94.2±6.2	95.1±5.9	81.2±9.5	90.4±7.7	81.3±9.7	81.8±9.8	81.2±9.9	81.2±9.9	NA	NA	NA
<b>Arizona</b>	82.3±9.1	88.4±8.2	87.5±7.1	88.1±8.2	88.7±6.8	84.6±7.7	86.6±8.7	75.3±10.0	81.6±9.1	81.2±9.1	77.4±9.6	NA	NA	NA
<b>Arkansas</b>	NA	93.3±8.1	94.3±4.3	92.6±8.2	92.8±8.7	93.2±4.8	90.5±8.5	NA	NA	NA	NA	NA	NA	NA
<b>California</b>	86.3±5.4	92.2±4.7	95.5±2.8	90.6±5.0	92.6±4.6	95.0±2.7	92.6±4.3	77.8±6.8	84.2±5.8	80.6±6.4	79.0±6.7	76.9±6.9	74.9±7.1	68.4±7.7
<b>CA-Alameda County</b>	84.3±6.8	93.3±3.8	91.1±5.9	88.9±6.3	90.9±5.9	88.9±6.0	92.1±4.1	79.5±7.4	82.7±6.9	80.7±7.1	79.6±7.1	75.9±7.3	74.3±7.5	68.4±7.9
<b>CA-Los Angeles County</b>	84.0±8.2	96.7±3.3	98.8±2.3	98.8±2.3	97.7±3.2	95.4±4.6	96.2±4.2	NA	83.3±8.3	83.3±8.3	82.2±8.5	78.7±9.0	76.1±9.3	NA
<b>CA-San Bernardino County</b>	76.8±9.3	87.4±7.4	90.7±6.3	87.5±7.5	90.0±6.7	91.3±6.3	88.1±7.4	NA	75.4±9.5	73.5±9.8	73.5±9.8	73.5±9.8	73.5±9.8	NA
<b>CA-Rest of State</b>	88.0±7.7	90.7±7.0	94.9±4.2	87.8±7.6	91.0±6.9	95.7±3.6	91.5±6.4	80.5±9.6	85.3±8.2	80.1±9.3	78.2±9.8	76.5±10.0	NA	NA
<b>Colorado</b>	NA	96.8±3.6	97.7±2.1	96.8±2.5	98.3±1.9	NA	92.5±6.3	NA	NA	NA	NA	NA	NA	NA
<b>Connecticut</b>	NA	NA	94.5±5.7	95.8±7.9	NA	92.6±6.3	94.6±6.9	NA	NA	NA	NA	NA	NA	NA
<b>Delaware</b>	93.0±6.1	NA	98.6±2.8	95.2±5.1	98.6±2.8	95.4±5.0	96.9±3.7	87.6±8.7	91.5±6.7	89.0±7.8	89.0±7.8	88.6±7.8	86.5±8.4	NA
<b>District of Columbia</b>	85.1±5.6	93.3±3.5	95.2±3.3	95.2±3.1	95.2±3.6	94.0±3.5	88.5±5.0	77.5±6.2	84.0±5.7	83.1±5.8	82.8±5.8	81.6±5.9	77.3±6.4	71.0±6.7
<b>Florida</b>	90.0±5.7	94.9±4.4	93.1±5.3	95.5±4.1	95.7±4.0	91.8±5.6	86.4±6.5	67.6±8.6	87.5±6.1	80.7±6.2	85.5±6.2	83.8±6.5	77.4±7.4	62.8±8.7
<b>FL-Miami-Dade County</b>	87.4±5.1	96.7±2.4	96.3±3.1	97.5±2.0	93.3±4.8	95.0±3.0	87.5±5.5	61.6±8.5	87.4±5.1	86.2±5.3	80.9±6.6	77.5±7.0	72.6±7.4	53.9±8.5
<b>FL-Rest of State</b>	90.0±7.1	94.5±5.5	92.3±6.5	95.0±5.1	96.3±4.8	91.0±6.9	86.1±8.0	NA	87.6±7.6	87.2±7.6	86.7±7.6	85.4±7.9	78.7±9.1	NA
<b>Georgia</b>	86.2±9.2	92.0±6.5	NA	90.1±8.3	96.0±3.9	NA	91.8±7.0	NA	NA	NA	NA	NA	NA	NA
<b>Hawaii</b>	88.3±8.8	99.7±0.7	97.9±3.0	97.2±5.5	98.5±3.0	96.3±4.3	NA	NA	86.7±9.1	NA	NA	NA	NA	NA
<b>Idaho</b>	NA	90.1±8.1	84.3±9.9	NA	90.1±8.1	NA	86.8±9.0	NA	NA	NA	NA	NA	NA	NA
<b>Illinois</b>	84.4±4.8	92.7±3.5	91.8±3.8	92.4±4.2	91.7±3.8	90.6±3.7	87.3±5.1	71.9±6.4	81.6±5.3	80.0±5.7	78.2±5.8	76.7±5.8	73.8±6.1	66.4±6.5
<b>IL-City of Chicago</b>	78.2±6.4	89.6±5.1	89.5±4.7	90.5±5.1	89.6±4.7	88.8±4.2	87.4±5.2	69.0±6.7	75.5±6.6	75.3±6.6	72.9±6.6	71.0±6.7	69.1±6.7	60.6±6.8
<b>IL-Rest of State</b>	94.4±5.6	97.6±3.4	95.5±6.4	95.4±7.2	95.1±6.3	93.5±6.9	NA	NA	91.4±7.9	NA	NA	NA	NA	NA
<b>Indiana</b>	82.0±5.8	93.5±3.3	91.9±3.6	89.5±4.9	92.3±3.7	89.4±4.1	87.6±6.4	73.7±7.1	80.3±5.9	79.5±5.9	77.8±6.0	75.2±6.2	71.3±7.2	64.3±7.5
<b>IN-Marion County</b>	80.7±5.2	91.8±3.3	87.5±4.6	90.0±4.5	91.5±4.3	86.0±4.6	90.3±4.4	75.0±5.7	76.4±5.6	75.6±5.6	72.9±5.9	71.1±6.0	69.7±6.0	63.1±6.3
<b>IN-Rest of State</b>	82.8±8.9	94.6±5.0	94.8±5.0	89.2±7.5	92.9±5.4	91.7±5.9	NA	NA	82.8±8.9	82.1±9.0	80.9±9.1	77.8±9.4	NA	NA
<b>Iowa</b>	87.6±9.1	95.6±4.7	96.6±4.6	97.2±3.3	95.4±6.8	93.6±5.9	94.6±4.5	NA	85.4±9.8	85.4±9.8	85.4±9.8	85.4±9.8	NA	NA
<b>Kansas</b>	84.9±9.5	92.7±6.6	89.7±8.0	88.2±8.7	91.7±6.8	88.5±7.3	87.0±8.4	NA	NA	NA	NA	NA	NA	NA
<b>Kentucky</b>	89.9±6.9	93.0±6.5	91.2±6.7	96.4±4.3	93.2±6.4	91.5±6.6	90.6±7.4	78.6±9.4	87.8±7.2	87.8±7.2	87.8±7.2	87.2±7.3	83.9±8.1	75.9±9.6
<b>Louisiana</b>	78.2±9.2	92.4±5.1	88.3±6.7	87.9±6.9	91.8±5.3	88.1±6.7	87.8±6.8	74.0±9.7	77.3±9.3	75.7±9.5	75.1±9.5	74.4±9.6	73.6±9.6	NA
<b>Maine</b>	NA	NA	NA	94.7±7.4	93.7±7.3	NA	95.1±6.9	NA	NA	NA	NA	NA	NA	NA
<b>Maryland</b>	97.3±3.5	97.8±3.4	98.0±3.2	98.4±3.1	97.1±3.6	98.0±3.2	95.3±4.7	NA	96.6±3.8	96.6±3.8	95.9±4.0	95.9±4.0	93.2±5.3	NA
<b>Massachusetts</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Michigan</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Minnesota</b>	92.7±4.5	92.9±6.3	95.7±3.3	94.6±4.0	92.9±6.0	90.2±7.1	97.7±2.3	NA	88.5±7.1	86.8±7.4	83.4±8.7	NA	NA	NA
<b>Mississippi</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Missouri</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Montana</b>	NA	NA	87.2±9.3	93.9±6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Nebraska</b>	NA	99.4±1.1	99.3±1.3	NA	NA	99.2±1.7	92.2±7.7	90.7±7.9	98.8±1.7	98.8±1.7	98.8±1.7	97.9±2.4	90.1±8.0	90.1±8.0
<b>Nevada</b>	73.9±8.5	85.3±6.9	86.4±5.7	82.4±7.5	84.7±6.2	83.0±6.4	76.5±8.0	64.1±8.8	72.4±8.6	71.2±8.7	68.5±8.8	64.8±8.9	57.5±9.0	53.4±8.9
<b>New Hampshire</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>New Jersey</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>New Mexico</b>	82.4±9.7	93.8±4.4	92.4±4.5	88.3±9.1	93.8±4.5	90.9±4.8	93.0±5.0	NA	81.2±9.7	81.2±9.7	80.3±9.8	79.4±9.9	NA	NA
<b>New York</b>	87.3±3.8	92.5±3.0	93.1±2.7	92.4±3.0	91.7±3.2	90.0±3.7	88.4±3.5	73.0±5.7	84.9±4.0	83.2±4.2	81.3±4.4	78.5±4.9	74.3±5.2	64.8±5.9
<b>NY-City of New York</b>	85.6±4.4	91.5±3.5	92.4±3.1	91.0±3.6	91.1±3.7	89.4±3.8	87.0±4.1	74.1±5.4	82.8±4.6	80.7±4.8	79.2±5.0	77.0±5.3	72.7±5.5	65.0±6.0
<b>NY-Rest of State</b>	94.2±6.6	97.0±4.5	96.3±5.2	97.9±4.2	94.4±6.3	NA	94.3±6.4	NA	93.3±6.8	93.3±6.8	89.9±8.2	NA	NA	NA
<b>North Carolina</b>	82.0±8.6	87.7±7.4	96.9±3.5	90.6±6.3	91.3±6.8	93.4±5.6	90.5±6.3	80.8±8.9	80.8±8.9	79.2±9.0	77.9±9.3	75.1±9.8	73.3±10.0	NA
<b>North Dakota</b>	89.4±8.0	99.2±1.5	97.5±3.6	96.5±4.0	97.8±3.2	94.6±4.7	91.2±6.4	NA	87.8±8.5	86.2±8.9	84.8±9.2	81.4±9.7	NA	NA
<b>Ohio</b>	90.8±7.4	93.1±6.3	93.0±6.0	92.1±6.5	96.6±5.0	93.2±6.0	92.3±5.4	80.1±9.6	88.4±7.8	83.5±9.3	83.5±9.3	82.6±9.4	80.1±9.6	NA
<b>Oklahoma</b>	NA	91.5±5.5	NA	NA	91.9±5.5	NA	86.7±7.2	NA	NA	NA	NA	NA	NA	NA

**Estimated Vaccination Coverage<sup>^</sup> with Individual Vaccines and Selected Vaccination Series Among Children 19-35 Months of Age Living in an MSA\* Central City by State and Local Area -- US, National Immunization Survey, 2007†**

	4+DTaP <sup>‡</sup>	3+Polio <sup>§</sup>	1+MMR <sup>  </sup>	3+Hib <sup>¶</sup>	3+HepB <sup>**</sup>	1+Var <sup>††</sup>	3+PCV <sup>‡‡</sup>	4+PCV <sup>§§</sup>	4:3:1 <sup>   </sup>	4:3:1:3 <sup>¶¶</sup>	4:3:1:3:3 <sup>***</sup>	4:3:1:3:3:1 <sup>†††</sup>	4:3:1:3:3:1:3 <sup>€</sup>	4:3:1:3:3:1:4 <sup>€€</sup>
Oregon	NA	89.7±8.8	86.9±8.7	87.9±9.0	87.8±9.0	85.1±8.8	86.3±9.7	NA	NA	NA	NA	NA	NA	NA
Pennsylvania	83.7±6.0	94.7±3.4	91.3±4.7	92.9±4.3	93.1±4.5	90.2±4.9	91.2±4.1	80.0±6.4	82.3±6.1	81.4±6.2	80.5±6.2	77.1±6.5	74.3±6.7	68.2±7.3
PA-Philadelphia County	88.3±5.4	94.2±4.0	92.2±4.5	92.5±4.4	95.0±3.3	91.8±4.4	90.3±5.2	81.2±6.5	86.3±5.8	85.0±6.0	84.5±6.0	82.2±6.2	78.4±6.8	73.0±7.3
PA-Rest of State	80.2±9.7	95.2±5.2	90.5±7.5	93.3±6.9	91.6±7.4	89.0±8.0	91.9±6.2	NA	79.3±9.8	78.6±9.8	77.4±10.0	NA	NA	NA
Rhode Island	NA	96.2±5.9	94.9±6.1	95.2±6.2	96.3±5.8	89.1±8.7	92.5±7.8	89.9±8.2	NA	NA	NA	NA	NA	NA
South Carolina	86.4±8.7	90.7±7.7	94.5±5.6	89.4±7.9	92.7±7.2	93.1±6.1	93.0±6.7	79.9±9.7	84.3±9.0	83.1±9.1	83.1±9.1	81.8±9.3	80.6±9.3	NA
South Dakota	NA	99.5±1.0	98.7±1.9	99.5±1.0	99.5±1.0	92.0±8.3	NA	NA	NA	NA	NA	NA	NA	NA
Tennessee	NA	91.8±8.6	92.6±8.7	92.4±8.5	88.5±9.5	91.5±8.7	90.4±8.8	NA	NA	NA	NA	NA	NA	NA
Texas	80.3±4.0	92.0±2.6	88.2±3.4	93.0±2.7	90.8±3.2	88.3±3.4	90.4±2.9	74.2±4.6	78.8±4.1	77.6±4.3	75.7±4.5	75.2±4.5	74.1±4.5	66.9±5.0
TX-Bexar County	84.9±5.0	93.9±3.4	91.0±4.0	94.5±3.2	93.3±3.6	89.2±4.4	92.9±3.6	79.0±5.7	83.5±5.2	83.5±5.2	82.3±5.3	80.1±5.5	78.3±5.6	74.1±5.9
TX-City of Houston	77.6±5.7	87.2±4.8	89.3±3.9	91.5±3.5	88.6±4.5	89.8±3.8	89.2±4.0	71.5±6.1	75.8±5.8	75.0±5.8	73.5±5.8	72.9±5.9	71.1±6.0	63.7±6.3
TX-Dallas County	76.7±7.4	92.9±4.0	87.8±5.6	93.3±3.9	92.5±4.1	88.4±5.4	87.5±5.4	72.7±7.6	75.4±7.5	75.0±7.5	73.8±7.6	72.4±7.7	69.3±7.9	63.5±8.1
TX-El Paso County	80.7±6.2	90.0±5.2	89.4±5.3	93.2±4.7	92.0±4.9	90.3±5.2	90.2±5.2	71.0±7.2	78.5±6.5	77.6±6.6	76.2±6.7	75.9±6.8	73.0±7.0	64.0±7.5
TX-Rest of State	81.2±7.0	93.4±4.4	87.3±6.1	93.2±5.0	90.6±5.7	87.3±6.1	91.0±5.1	75.0±8.2	79.8±7.2	78.0±7.7	75.7±8.0	75.7±8.0	75.7±8.0	67.8±9.0
Utah	80.2±8.4	91.7±5.3	91.7±5.4	90.9±5.6	83.9±8.2	88.6±5.8	88.2±5.9	71.4±8.9	79.5±8.4	78.9±8.5	74.8±9.1	71.7±9.1	69.5±9.2	63.8±9.4
Vermont	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Virginia	83.3±9.9	92.3±6.9	92.6±6.1	93.8±6.1	91.3±6.8	91.9±6.8	95.5±5.6	84.3±9.6	82.8±9.9	82.2±9.9	NA	NA	NA	NA
Washington	80.8±7.3	85.3±7.3	94.0±3.6	88.9±5.6	83.7±6.7	87.4±5.5	89.9±5.4	76.1±7.9	77.3±8.0	77.3±8.0	71.3±8.3	68.1±8.5	67.3±8.5	64.5±8.6
WA-Western WA	86.8±8.3	88.7±7.1	90.3±7.5	92.0±6.0	85.5±8.7	NA	88.6±7.5	82.8±9.4	81.6±9.3	81.6±9.3	79.0±9.8	NA	NA	NA
WA-Rest of State	80.1±8.1	84.9±8.1	94.4±4.0	88.5±6.3	83.5±7.4	88.6±6.0	90.0±6.0	75.2±8.8	76.7±8.9	76.7±8.9	70.3±9.2	67.8±9.4	67.3±9.4	64.3±9.5
West Virginia	88.2±8.6	98.1±3.8	98.8±2.4	NA	99.0±1.9	88.0±9.1	95.3±4.7	NA	87.0±8.9	87.0±8.9	86.1±9.0	NA	NA	NA
Wisconsin	86.0±7.8	96.5±3.5	96.5±3.3	90.9±7.2	95.2±3.8	93.3±4.6	92.2±5.2	73.6±10.0	85.3±7.9	82.1±9.0	80.2±9.1	79.2±9.2	77.8±9.3	NA
Wyoming	NA	92.3±8.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

<sup>^</sup> Estimate=NA (Not Available) if the unweighted sample size for the denominator was <30 or (CI half width)/Estimate > 0.6 or (CI half width) >10.

Estimates presented as point estimate (%) ± 95% Confidence Interval.

\* Metropolitan Statistical Area as defined by the US Office of Management and Budget

† Children in the Q1/2007-Q4/2007 National Immunization Survey were born between January 2004 and July 2006.

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

§ 3 or more doses of any poliovirus vaccine.

|| 1 or more doses of measles-mumps-rubella vaccine.

¶ 3 or more doses of *Haemophilus influenzae* type b (Hib) vaccine.

\*\* 3 or more doses of hepatitis B vaccine.

†† 1 or more doses of varicella at or after child's first birthday, unadjusted for history of varicella illness.

‡‡ 3 or more doses of pneumococcal conjugate vaccine (PCV).

§§ 4 or more doses of PCV.

||| 4 or more doses of DTaP, 3 or more doses of poliovirus vaccine, and 1 or more doses of MMR.

¶¶ 4:3:1 plus 3 or more doses of Hib.

\*\*\* 4:3:1:3 plus 3 or more doses of HepB.

††† 4:3:1:3:3 plus 1 or more doses of varicella vaccine.

€ 4:3:1:3:3 plus 1 or more doses of varicella vaccine and 3 or more doses of PCV.

€€ 4:3:1:3:3 plus 1 or more doses of varicella vaccine and 4 or more doses of PCV.