

**Table 82 (page 1 of 2). Vaccination coverage among children 19–35 months of age, by state and selected urban area: United States, selected years 2002–2009**

Click: Electronic files and updated data (when available)

[Data are based on telephone interviews of a sample of the civilian noninstitutionalized population, supplemented by a survey of immunization providers for interview participants]

State and selected urban area	2002	2004	2005	2006	2007	2008	2009
Percent of children 19–35 months of age with 4:3:1:3:3:1 series <sup>1</sup>							
United States . . . . .	66	76	76	77	77	76	70
Alabama . . . . .	73	80	82	79	78	75	73
Jefferson County (Birmingham) . . . . .	74	81	85	---	---	---	---
Alaska . . . . .	56	66	68	67	70	69	64
Arizona . . . . .	59	73	75	71	75	76	70
Maricopa County (Phoenix) . . . . .	62	72	76	68	---	---	---
Arkansas . . . . .	68	81	64	73	72	76	63
California . . . . .	67	79	74	79	77	79	75
Alameda County . . . . .	---	---	71	---	76	---	---
Fresno County . . . . .	---	---	---	73	---	---	---
Los Angeles County (Los Angeles) . . . . .	72	77	78	79	78	76	78
Northern CA . . . . .	---	---	---	71	---	69	---
Santa Clara County (Santa Clara) . . . . .	75	80	---	78	---	81	---
San Bernadino County . . . . .	---	---	63	---	70	---	---
San Diego County (San Diego) . . . . .	71	74	---	80	---	---	---
Colorado . . . . .	56	73	79	76	78	79	65
Denver . . . . .	---	---	79	---	---	---	---
Connecticut . . . . .	73	85	82	82	87	70	47
Delaware . . . . .	70	80	82	80	80	72	65
District of Columbia . . . . .	68	80	72	79	82	78	75
Florida . . . . .	66	85	78	79	80	80	75
Dade County (Miami) . . . . .	60	73	---	80	76	78	---
Duval County (Jacksonville) . . . . .	70	69	77	76	---	---	---
Orange County . . . . .	---	---	---	---	---	79	---
Georgia . . . . .	77	82	82	81	80	72	69
Fulton/DeKalb Counties (Atlanta) . . . . .	75	81	72	75	---	---	---
Hawaii . . . . .	69	80	78	79	88	77	67
Idaho . . . . .	53	70	68	68	66	60	52
Illinois . . . . .	58	74	77	74	74	75	73
Chicago . . . . .	58	71	70	77	71	78	72
Madison/St. Clair County . . . . .	---	---	---	---	---	75	---
Indiana . . . . .	59	68	70	76	74	76	66
Lake County . . . . .	---	---	---	---	---	---	65
Marion County (Indianapolis) . . . . .	62	74	---	77	71	---	72
Iowa . . . . .	58	76	76	79	76	75	66
Kansas . . . . .	55	66	72	70	76	77	77
Eastern KS . . . . .	---	---	---	74	---	---	---
Kentucky . . . . .	64	77	71	80	78	74	66
Louisiana . . . . .	62	70	74	70	77	82	77
Orleans Parish (New Orleans) . . . . .	53	68	---	---	---	---	---
Maine . . . . .	62	74	76	76	73	74	53
Maryland . . . . .	71	76	79	78	91	80	80
Baltimore City . . . . .	69	80	77	72	---	75	63
Massachusetts . . . . .	78	84	91	84	78	82	81
Boston . . . . .	71	79	---	82	---	---	---
Michigan . . . . .	72	79	81	78	79	75	71
Detroit . . . . .	60	66	71	65	---	---	---
Minnesota . . . . .	62	78	78	78	81	75	58
Twin Cities . . . . .	---	---	---	---	---	75	---
Mississippi . . . . .	64	80	79	73	77	76	73
Missouri . . . . .	60	75	73	81	76	73	61
St. Louis County . . . . .	---	---	74	---	---	---	---
Montana . . . . .	49	65	65	66	65	59	55
Nebraska . . . . .	64	73	84	75	83	72	60
Nevada . . . . .	65	65	63	60	63	68	59
Clark County . . . . .	---	---	59	---	---	---	---
New Hampshire . . . . .	66	78	77	76	91	81	79
New Jersey . . . . .	66	74	72	76	81	69	67
Newark . . . . .	50	64	67	68	---	---	---
New Mexico . . . . .	59	79	75	72	76	77	68
New York . . . . .	67	78	74	77	78	73	69
New York City . . . . .	71	77	71	72	76	75	72
North Carolina . . . . .	70	78	82	82	77	71	56

See footnotes at end of table.

**Table 82 (page 2 of 2). Vaccination coverage among children 19–35 months of age, by state and selected urban area: United States, selected years 2002–2009**

[Data are based on telephone interviews of a sample of the civilian noninstitutionalized population, supplemented by a survey of immunization providers for interview participants]

State and selected urban area	2002	2004	2005	2006	2007	2008	2009
Percent of children 19–35 months of age with 4:3:1:3:3:1 series <sup>1</sup>							
North Dakota	56	71	79	80	77	70	56
Ohio	64	71	78	75	78	82	74
Cuyahoga County (Cleveland)	65	78	77	77	---	---	---
Franklin County (Columbus)	69	79	81	---	---	---	---
Oklahoma	60	71	72	78	79	72	70
Oregon	60	74	65	74	71	71	65
Pennsylvania	68	82	77	79	79	78	69
Allegheny County	---	---	---	74	---	---	---
Philadelphia	68	75	77	80	82	80	74
Rhode Island	81	82	80	81	76	78	51
South Carolina	74	77	76	81	80	78	67
South Dakota	62	73	80	74	77	77	75
Tennessee	67	79	80	77	79	81	74
Davidson County (Nashville)	67	88	81	---	---	---	---
Shelby County (Memphis)	61	71	74	73	---	---	---
Texas	65	69	77	75	77	78	74
Bexar County (San Antonio)	72	73	71	75	80	76	71
Dallas County (Dallas)	68	67	73	73	72	74	74
El Paso County (El Paso)	61	64	69	69	77	75	71
Houston	56	62	77	70	73	72	70
Utah	61	68	68	78	74	77	70
Vermont	58	67	63	75	67	65	65
Virginia	65	74	82	77	76	73	70
Washington	52	67	66	71	69	74	70
Eastern WA	---	---	---	72	---	---	---
Eastern/Western WA	---	---	---	---	---	76	67
King County (Seattle)	56	74	69	71	---	---	---
Western WA	---	---	---	---	71	---	---
West Virginia	66	76	68	68	76	77	65
Wisconsin	68	78	77	81	77	80	59
Milwaukee County (Milwaukee)	60	73	74	78	---	---	---
Wyoming	54	64	67	63	70	65	62

--- Data not available.

<sup>1</sup>The 4:3:1:3:3:1 combined series consists of 4 or more doses of diphtheria and tetanus toxoids and pertussis vaccine (DTP), diphtheria and tetanus toxoids (DT), or diphtheria and tetanus toxoids and acellular pertussis vaccine (DTaP); 3 or more doses of any poliovirus vaccine; 1 or more doses of a measles-containing vaccine (MCV); 3 or more doses of *Haemophilus influenzae* type b vaccine (Hib) regardless of vaccine brand type; 3 or more doses of hepatitis B vaccine; and 1 or more doses of varicella vaccine. The 4:3:1:3:3:1 combined series is the most complete series for which long-term state trend data are currently available. See Table 81 for additional data on childhood vaccinations.

NOTES: Urban areas were originally selected because they were at risk for undervaccination. Final estimates from the National Immunization Survey include an adjustment for children with missing immunization provider data. Additional information on childhood immunizations is available from: <http://www.cdc.gov/vaccines/recs/schedules/child-schedule.htm#printable>. Data for additional years are available. See Appendix III.

SOURCE: CDC/NCHS and National Center for Immunization and Respiratory Diseases, National Immunization Survey. Available from: <http://www.cdc.gov/vaccines/stats-surv/imz-coverage.htm#nis> and <http://www.cdc.gov/nchs/nis.htm>.