

Table 83 (page 1 of 2). Vaccination coverage among children 19–35 months of age, by state and selected urban area: United States, 2002–2007

[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	2003	2004	2005	2006	2007
	Percent of children 19–35 months of age with 4:3:1:3:3:1 series ¹					
United States	66	73	76	76	77	77
Alabama	73	79	80	82	79	78
Jefferson County (Birmingham)	74	79	81	85	---	---
Alaska	56	73	66	68	67	70
Arizona	59	68	73	75	71	75
Maricopa County (Phoenix)	62	69	72	76	68	---
Arkansas	68	75	81	64	73	72
California	67	76	79	74	79	77
Los Angeles County (Los Angeles)	72	79	77	78	79	78
Santa Clara County (Santa Clara)	75	77	80	---	78	---
San Diego County (San Diego)	71	75	74	---	80	---
Colorado	56	63	73	79	76	78
Connecticut	73	89	85	82	82	87
Delaware	70	66	80	82	80	80
District of Columbia	68	72	80	72	79	82
Florida	66	74	85	78	79	80
Dade County (Miami)	60	73	73	---	80	76
Duval County (Jacksonville)	70	75	69	77	76	---
Georgia	77	75	82	82	81	80
Fulton/DeKalb Counties (Atlanta)	75	71	81	72	75	---
Hawaii	69	79	80	78	79	88
Idaho	53	61	70	68	68	66
Illinois	58	69	74	77	74	74
Chicago	58	71	71	70	77	71
Indiana	59	62	68	70	76	74
Marion County (Indianapolis)	62	66	74	---	77	71
Iowa	58	63	76	76	79	76
Kansas	55	63	66	72	70	76
Kentucky	64	79	77	71	80	78
Louisiana	62	65	70	74	70	77
Orleans Parish (New Orleans)	53	68	68	---	---	---
Maine	62	69	74	76	76	73
Maryland	71	77	76	79	78	91
Baltimore	69	74	80	77	72	---
Massachusetts	78	83	84	91	84	78
Boston	71	86	79	---	82	---
Michigan	72	79	79	81	78	79
Detroit	60	64	66	71	65	---
Minnesota	62	71	78	78	78	81
Mississippi	64	78	80	79	73	77
Missouri	60	74	75	73	81	76
Montana	49	65	65	65	66	65
Nebraska	64	68	73	84	75	83
Nevada	65	66	65	63	60	63
New Hampshire	66	76	78	77	76	91
New Jersey	66	64	74	72	76	81
Newark	50	64	64	67	68	---
New Mexico	59	71	79	75	72	76
New York	67	73	78	74	77	78
New York City	71	69	77	71	72	76
North Carolina	70	77	78	82	82	77

See footnotes at end of table.

Table 83 (page 2 of 2). Vaccination coverage among children 19–35 months of age, by state and selected urban area: United States, 2002–2007

[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	2003	2004	2005	2006	2007
Percent of children 19–35 months of age with 4:3:1:3:3:1 series ¹						
North Dakota	56	63	71	79	80	77
Ohio	64	71	71	78	75	78
Cuyahoga County (Cleveland)	65	66	78	77	77	---
Franklin County (Columbus)	69	71	79	81	---	---
Oklahoma	60	67	71	72	78	79
Oregon	60	70	74	65	74	71
Pennsylvania	68	79	82	77	79	79
Philadelphia	68	75	75	77	80	82
Rhode Island	81	80	82	80	81	76
South Carolina	74	80	77	76	81	80
South Dakota	62	60	73	80	74	77
Tennessee	67	74	79	80	77	79
Davidson County (Nashville)	67	76	88	81	---	---
Shelby County (Memphis)	61	69	71	74	73	---
Texas	65	70	69	77	75	77
Bexar County (San Antonio)	72	75	73	71	75	80
Dallas County (Dallas)	68	67	67	73	73	72
El Paso County (El Paso)	61	72	64	69	69	77
Houston	56	63	62	77	70	73
Utah	61	70	68	68	78	74
Vermont	58	65	67	63	75	67
Virginia	65	80	74	82	77	76
Washington	52	56	67	66	71	69
King County (Seattle)	56	61	74	69	71	---
West Virginia	66	63	76	68	68	76
Wisconsin	68	73	78	77	81	77
Milwaukee County (Milwaukee)	60	71	73	74	78	---
Wyoming	54	57	64	67	63	70

--- Data not available.

* Estimates are considered unreliable. For data prior to 2007, percents not shown if the unweighted sample size for the numerator was less than 30 or the confidence interval half-width divided by the estimate was greater than 50% or the confidence interval half-width was greater than 10. Starting with 2007 data, percents not shown if the unweighted sample size for the denominator was less than 30 or the confidence interval half-width divided by the estimate was greater than 60% or the confidence interval half-width was greater than 10.

¹The 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); 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 state trend data currently are available. See Table 82 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>.

SOURCES: 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/nis/>.