

**Table 72 (page 1 of 2). Vaccination coverage among children 19–35 months of age according to geographic division, State, and selected urban areas: United States, 1995–2002**

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

<i>Geographic division and State</i>	1995	1996	1997	1998	1999	2000	2001	2002
	Percent of children 19–35 months of age with 4:3:1:3 series <sup>1</sup>							
United States . . . . .	74	76	76	79	78	76	77	78
New England:								
Connecticut . . . . .	86	88	86	90	86	85	84	86
Maine . . . . .	88	86	87	86	83	83	82	83
Massachusetts . . . . .	81	87	88	87	85	85	81	89
New Hampshire . . . . .	89	83	85	82	85	83	84	87
Rhode Island . . . . .	83	84	82	86	87	82	84	86
Vermont . . . . .	87	87	87	86	91	83	88	87
Middle Atlantic:								
New Jersey . . . . .	70	75	76	82	81	76	76	80
New York . . . . .	74	80	75	85	81	75	81	81
Pennsylvania . . . . .	77	79	79	83	86	78	82	77
East North Central:								
Illinois . . . . .	78	75	74	78	77	75	76	80
Indiana . . . . .	74	70	72	78	74	76	74	78
Michigan . . . . .	68	75	75	78	74	75	74	84
Ohio . . . . .	71	78	72	78	78	72	75	77
Wisconsin . . . . .	74	77	81	78	85	80	83	82
West North Central:								
Iowa . . . . .	83	81	77	82	83	83	79	80
Kansas . . . . .	70	72	84	82	79	76	76	73
Minnesota . . . . .	75	84	78	82	85	86	79	79
Missouri . . . . .	75	75	79	85	75	78	78	77
Nebraska . . . . .	71	78	74	76	82	79	80	79
North Dakota . . . . .	79	80	80	79	80	81	83	79
South Dakota . . . . .	79	81	77	74	82	78	79	81
South Atlantic:								
Delaware . . . . .	68	81	80	79	78	75	79	81
District of Columbia . . . . .	69	76	71	71	78	71	74	72
Florida . . . . .	74	79	74	79	80	74	77	77
Georgia . . . . .	77	81	78	80	82	81	80	82
Maryland . . . . .	77	79	81	77	79	78	78	81
North Carolina . . . . .	80	78	80	83	82	87	85	87
South Carolina . . . . .	78	85	81	88	81	80	81	80
Virginia . . . . .	69	76	72	80	80	74	78	77
West Virginia . . . . .	71	71	81	82	81	76	81	79
East South Central:								
Alabama . . . . .	73	74	87	82	78	81	83	80
Kentucky . . . . .	81	76	78	82	88	81	79	74
Mississippi . . . . .	79	81	80	84	82	81	84	78
Tennessee . . . . .	74	79	79	82	78	81	84	80
West South Central:								
Arkansas . . . . .	73	70	80	73	77	72	74	74
Louisiana . . . . .	77	79	77	78	77	75	69	69
Oklahoma . . . . .	74	72	70	75	73	71	76	67
Texas . . . . .	71	71	74	74	72	69	74	71
Mountain:								
Arizona . . . . .	69	70	71	76	72	72	73	70
Colorado . . . . .	75	80	74	76	76	74	75	64
Idaho . . . . .	66	65	71	76	69	74	74	73
Montana . . . . .	71	75	75	82	83	77	82	71
Nevada . . . . .	67	67	70	76	73	74	72	78
New Mexico . . . . .	74	78	73	71	73	68	71	67
Utah . . . . .	65	65	69	76	80	77	74	79
Wyoming . . . . .	71	77	75	80	83	79	81	77
Pacific:								
Alaska . . . . .	74	72	75	81	80	77	74	78
California . . . . .	70	74	74	76	75	75	75	76
Hawaii . . . . .	75	80	77	79	82	75	73	81
Oregon . . . . .	71	70	72	76	72	79	73	75
Washington . . . . .	76	78	79	81	75	77	76	73

See footnotes at end of table.

**Table 72 (page 2 of 2). Vaccination coverage among children 19–35 months of age according to geographic division, State, and selected urban areas: United States, 1995–2002**

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

<i>Geographic division and urban areas</i>	1995	1996	1997	1998	1999	2000	2001	2002
Percent of children 19–35 months of age with 4:3:1:3 series <sup>1</sup>								
New England:								
Boston, Massachusetts . . . . .	85	85	86	89	84	79	85	80
Middle Atlantic:								
New York City, New York . . . . .	72	78	72	81	78	68	76	81
Newark, New Jersey . . . . .	67	64	68	64	67	63	64	60
Philadelphia, Pennsylvania . . . . .	67	74	81	80	81	74	74	74
East North Central:								
Chicago, Illinois . . . . .	70	72	66	64	71	65	69	72
Cuyahoga County (Cleveland), Ohio . . . . .	72	79	70	75	74	73	73	74
Detroit, Michigan . . . . .	54	60	60	70	66	59	63	66
Franklin County (Columbus), Ohio . . . . .	75	80	73	78	78	77	78	84
Marion County (Indianapolis), Indiana . . . . .	77	72	80	78	79	69	72	75
Milwaukee County (Milwaukee), Wisconsin . . . . .	69	70	72	73	74	69	70	70
South Atlantic:								
Baltimore, Maryland . . . . .	*	80	84	81	72	70	72	75
Dade County (Miami), Florida . . . . .	78	79	75	75	84	78	78	73
District of Columbia . . . . .	67	76	71	71	78	71	74	72
Duval County (Jacksonville), Florida . . . . .	69	76	69	79	78	79	76	77
Fulton/DeKalb Counties (Atlanta), Georgia . . . . .	*	76	74	71	83	80	75	79
East South Central:								
Davidson County (Nashville), Tennessee . . . . .	72	80	76	80	73	73	82	80
Shelby County (Memphis), Tennessee . . . . .	69	70	70	71	75	77	74	73
Jefferson County (Birmingham), Alabama . . . . .	86	76	83	85	85	79	87	82
West South Central:								
Bexar County (San Antonio), Texas . . . . .	76	74	79	79	70	68	73	76
Dallas County (Dallas), Texas . . . . .	70	68	75	71	72	67	67	76
El Paso County (El Paso), Texas . . . . .	72	61	63	78	73	70	69	77
Houston, Texas . . . . .	64	62	62	61	63	65	69	64
Orleans Parish (New Orleans), Louisiana . . . . .	78	72	69	79	72	70	68	63
Mountain:								
Maricopa County (Phoenix), Arizona . . . . .	67	72	70	77	71	71	72	73
Pacific:								
King County (Seattle), Washington . . . . .	84	82	81	86	77	75	72	77
Los Angeles County (Los Angeles), California . . . . .	68	75	72	76	76	77	73	77
San Diego County (San Diego), California . . . . .	72	74	76	77	75	76	80	78
Santa Clara County (Santa Clara), California . . . . .	76	80	69	84	82	76	77	84

\* Estimates are considered unreliable. Percents not shown if the unweighted sample size for the numerator was less than 30 or relative standard error greater than 50 percent or confidence interval half width greater than 10 percentage points.

<sup>1</sup>The 4:3:1:3 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), and 3 or more doses of *Haemophilus influenzae* type b vaccine (Hib).

NOTES: Urban areas were chosen because they were high risk for under-vaccination. Final estimates from the National Immunization Survey include an adjustment for children with missing immunization provider data.

SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics and National Immunization Program, National Immunization Survey. Data are available on the CDC Web site at [www.cdc.gov/nip/coverage/](http://www.cdc.gov/nip/coverage/) and [www.cdc.gov/nis/](http://www.cdc.gov/nis/).