

Table 71 (page 1 of 2). Vaccinations of children 19–35 months of age for selected diseases, according to race, Hispanic origin, poverty status, and residence in metropolitan statistical area (MSA): 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]

Vaccination and year	Race and Hispanic origin ¹							Poverty status		Location of residence			
	Not Hispanic or Latino							Inside MSA ²			Outside MSA ²		
	All	White	Black or African American	American Indian or Alaska Native	Asian ³	Native Hawaiian or Other Pacific Islander ³	2 or more races or Latino	Hispanic	Below poverty	At or above poverty		Central city	Remaining areas
Percent of children 19–35 months of age													
Combined series (4:3:1:3): ⁴													
1995	74	76	70	69	76	---	---	68	67	77	72	75	75
1997	76	79	73	73	71	---	---	73	71	79	74	78	77
1998	79	82	73	78	79	---	---	75	74	82	77	81	81
1999	78	81	74	75	77	---	---	75	73	81	77	79	80
2000	76	79	71	69	75	---	---	73	71	78	73	78	79
2001	77	79	71	76	77	---	---	77	72	79	75	78	79
2002	78	80	71	*	83	*	74	76	72	79	75	80	77
DTP/DT/DTaP (4 doses or more): ⁵													
1995	78	80	74	71	84	---	---	75	71	81	77	79	78
1997	82	84	77	80	80	---	---	78	76	84	80	83	81
1998	84	87	77	83	89	---	---	81	80	86	82	85	85
1999	83	86	79	80	87	---	---	80	79	85	82	84	83
2000	82	84	76	75	85	---	---	79	76	84	80	83	83
2001	82	84	76	77	84	---	---	83	77	84	81	83	82
2002	82	84	76	*	88	*	78	79	75	84	79	84	80
Polio (3 doses or more):													
1995	88	89	84	86	90	---	---	87	85	89	87	88	89
1997	91	92	89	90	89	---	---	90	89	92	90	91	92
1998	91	92	88	85	93	---	---	89	90	92	89	91	93
1999	90	90	87	88	90	---	---	89	87	91	89	90	90
2000	90	91	87	90	93	---	---	88	87	90	88	90	91
2001	89	90	85	88	90	---	---	91	87	90	88	90	91
2002	90	91	87	*	92	95	87	90	88	91	89	91	90
Measles, Mumps, Rubella:													
1995	90	91	87	88	95	---	---	88	86	91	90	90	89
1997	90	91	89	92	90	---	---	88	86	92	90	91	91
1998	92	93	89	91	92	---	---	91	90	93	92	92	93
1999	92	92	90	92	93	---	---	90	90	92	91	92	90
2000	91	92	88	87	90	---	---	90	89	91	90	91	91
2001	91	92	89	94	90	---	---	92	89	92	91	92	91
2002	92	93	90	84	95	94	89	91	90	92	90	93	90
Hib (3 doses or more): ⁶													
1995	91	93	88	93	90	---	---	89	88	93	91	92	92
1997	93	94	91	86	89	---	---	90	90	94	91	93	94
1998	93	95	90	90	92	---	---	92	91	95	92	94	94
1999	94	95	92	91	90	---	---	92	91	95	92	95	93
2000	93	95	93	90	92	---	---	91	90	95	92	94	95
2001	93	94	90	91	92	---	---	93	90	94	91	94	93
2002	93	94	92	*	95	93	90	92	90	94	92	94	93
Hepatitis B (3 doses or more):													
1995	68	68	66	52	80	---	---	70	65	69	69	71	59
1997	84	85	82	83	88	---	---	81	81	85	82	85	85
1998	87	88	84	82	89	---	---	86	85	88	85	88	87
1999	88	89	87	*	88	---	---	87	87	89	87	89	88
2000	90	91	89	91	91	---	---	88	87	91	89	90	92
2001	89	90	85	86	90	---	---	90	87	90	88	90	89
2002	90	91	88	*	94	94	84	90	88	90	89	91	90
Varicella: ⁷													
1997	26	28	21	20	36	---	---	22	17	29	26	29	17
1998	43	42	42	28	53	---	---	47	41	44	45	45	34
1999	58	56	58	*	64	---	---	61	55	58	59	61	47
2000	68	66	67	62	77	---	---	70	64	69	69	70	60
2001	76	75	75	69	82	---	---	80	74	77	78	78	68
2002	81	79	83	71	87	*	79	82	79	81	81	83	75
PCV (3 doses or more): ⁸													
2002	41	44	34	33	55	*	38	37	33	43	41	45	32

See footnotes at end of table.

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

Vaccination and year	Not Hispanic or Latino					
	White		Black or African American		Hispanic or Latino	
	Below poverty	At or above poverty	Below poverty	At or above poverty	Below poverty	At or above poverty
Percent of children 19–35 months of age						
Combined series (4:3:1:3): ⁴						
1995	69	78	70	73	63	72
1997	72	79	71	77	70	77
1998	77	83	72	74	73	79
1999	76	82	72	77	73	78
2000	73	80	69	72	70	74
2001	71	80	69	74	73	79
2002	72	81	68	72	75	76

--- Data not available.

* 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.

¹Persons of Hispanic origin may be of any race. Starting with data for 2002, estimates were tabulated using the 1997 Standards for Federal data on Race and Ethnicity. Estimates for earlier years were tabulated using the 1977 Standards Race and Ethnicity. See Appendix II, Race.

²Metropolitan statistical area.

³Prior to data year 2002 the category "Asian" included "Native Hawaiian and Other Pacific Islander."

⁴The 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).

⁵Diphtheria and tetanus toxoids and pertussis vaccine, diphtheria and tetanus toxoids, and diphtheria and tetanus toxoids and acellular pertussis vaccine.

⁶*Haemophilus influenzae* type b vaccine (Hib).

⁷Recommended in 1996. Data collection for varicella began in July 1996.

⁸Pneumococcal conjugate vaccine. Recommended in 2000. Data collection for PCV began in July 2001.

NOTES: Final estimates from the National Immunization Survey include an adjustment for children with missing immunization provider data. Poverty status is based on family income and family size using Bureau of the Census poverty thresholds. Children missing information about poverty status were omitted from analysis by poverty level. In 2002, 12.6 percent of all children, 18.3 percent of Hispanic, 10.0 percent of non-Hispanic white, and 13.6 percent of non-Hispanic black children were missing information about poverty status and were omitted. See Appendix I, National Immunization Survey. Some data for previous years have been revised and differ from previous editions of *Health, United States*.

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/ and www.cdc.gov/nis/.