Estimated Percentage* of Children 19-35 Months With Selected Socio-demographic Characteristics†
By State and Immunization Action Plan Area --
U.S., National Immunization Survey, Q1/1996-Q4/1996‡

	Below Poverty§	Public Provider‖	Private Provider	White non-Hispanic¶	Black non-Hispanic	Hispanic	MSA Central City**
US National	18.4±0.9††	18.9±0.8	58.2±1.1	59.7±1.1	16.5±0.9	19.2±0.9	36.5±1.0
Alabama	22.0±5.0	26.6±5.2	49.2±5.6	63.4±5.6	33.2±5.5	NA	36.7±5.1
AL-Jefferson County	24.6±6.1	31.4±6.6	51.2±6.7	51.9±6.8	45.0±6.9	NA	69.3±6.3
AL-Rest of State	21.5±5.8	25.7±6.1	48.8±6.4	65.5±6.5	31.1±6.4	NA	30.8±5.9
Alaska	19.0±5.5	23.9±5.6	40.0±6.5	65.2±6.5	NA	NA	38.2±6.5
Arizona	19.7±4.0	16.7±3.8	55.9±5.1	52.2±5.1	NA	40.6±5.2	53.0±5.1
AZ-Maricopa County	18.1±5.4	NA	57.6±7.2	55.1±7.2	NA	38.7±7.2	57.4±7.1
AZ-Rest of State	22.2±6.0	24.1±6.2	53.3±7.1	48.0±7.2	NA	43.3±7.2	46.7±7.2
Arkansas	16.2±5.3	51.1±7.5	18.7±5.6	71.2±7.2	24.6±6.9	NA	21.9±6.4
California	25.6±3.8	8.9±2.5	65.5±4.1	34.7±3.9	8.6±2.9	48.3±4.2	30.3±3.9
CA-Los Angeles County	28.5±7.0	NA	71.2±6.7	16.3±4.5	NA	60.4±7.1	26.7±6.6
CA-San Diego County	20.7±5.8	NA	58.5±6.6	38.8±6.4	NA	43.6±6.8	46.3±6.7
CA-Santa Clara County	13.7±4.6	NA	64.1±6.2	34.9±6.0	NA	39.7±6.4	54.2±6.4
CA-Rest of State	25.6±5.5	NA	63.3±6.2	44.9±6.4	NA	42.6±6.4	27.8±5.9
Colorado	NA	18.5±5.4	57.1±6.5	64.3±6.4	NA	24.9±5.8	39.5±6.5
Connecticut	NA	NA	76.0±6.0	66.8±6.6	14.5±5.2	13.4±4.6	29.8±6.3
Delaware	13.9±4.9	NA	65.1±6.3	66.0±6.6	22.3±5.9	NA	46.4±6.4
District of Columbia	23.1±6.3	NA	55.4±7.7	15.8±4.7	73.1±6.0	9.2±3.5	NA
Florida	18.8±4.1	22.9±4.8	56.6±5.4	55.4±5.2	23.2±4.7	18.2±3.6	55.5±5.3
FL-Miami-Dade County	27.3±7.2	NA	71.5±7.5	19.5±5.4	28.6±8.5	49.0±7.9	66.4±7.5
FL-Duval County	17.8±5.6	18.4±5.9	57.7±6.9	57.2±7.0	33.8±6.9	NA	93.3±4.0
FL-Rest of State	17.0±5.1	25.8±6.1	53.2±6.8	63.4±6.6	21.1±5.9	12.3±4.4	50.0±6.7
Georgia	20.4±5.1	33.7±5.8	45.8±5.7	56.5±5.8	37.3±5.9	NA	20.0±4.5
GA-Fulton/DeKalb Counties	21.3±7.2	19.2±6.1	53.7±7.9	29.3±6.1	60.4±7.1	NA	41.5±7.9
GA-Rest of State	20.2±6.1	37.2±7.0	43.9±6.8	62.9±7.2	31.9±7.2	NA	15.0±5.2
Hawaii	18.9±5.8	NA	69.4±6.3	30.1±6.4	NA	NA	29.3±6.3
Idaho	18.8±5.1	31.7±5.4	47.9±5.9	82.1±4.9	NA	14.3±4.5	13.1±3.8
Illinois	16.7±3.8	21.2±4.5	56.1±5.2	57.8±4.6	21.8±4.7	17.4±3.2	39.5±3.6
IL-City of Chicago	35.9±8.0	20.5±7.0	50.9±7.9	17.2±4.9	45.8±8.1	32.4±6.6	99.8±0.3
IL-Rest of State	NA	21.5±5.7	58.3±6.6	75.4±6.1	NA	10.8±3.7	13.3±4.4
Indiana	13.6±4.0	22.1±4.6	54.2±5.4	82.3±4.5	11.9±4.2	NA	38.0±4.9
IN-Marion County	15.1±5.3	14.5±4.7	57.0±7.1	67.9±7.0	23.9±6.6	NA	94.8±3.7
IN-Rest of State	13.3±4.7	23.6±5.5	53.6±6.4	85.3±5.3	NA	NA	26.3±5.9
Iowa	12.1±4.2	26.1±5.5	49.9±6.1	88.1±4.1	NA	NA	27.5±5.6
Kansas	15.8±5.5	31.8±6.2	34.6±6.2	76.0±6.5	NA	NA	31.2±6.5
Kentucky	19.0±5.4	33.7±6.4	42.5±6.7	88.5±4.8	NA	NA	23.1±5.8
Louisiana	25.3±5.8	37.7±6.1	41.9±6.2	51.3±6.3	39.7±6.3	NA	38.7±5.7
LA-Orleans Parish	37.3±7.7	33.5±8.6	52.3±8.1	14.7±4.7	80.1±5.5	NA	98.3±2.4
LA-Rest of State	23.6±6.6	38.4±6.9	40.4±7.0	56.8±7.4	33.8±7.4	NA	29.8±6.4
Maine	14.6±4.3	NA	79.7±4.8	95.3±2.4	NA	NA	12.6±3.9
Maryland	12.5±4.3	NA	78.2±4.8	55.6±5.8	33.7±5.7	NA	8.9±3.0
MD-City of Baltimore	24.6±6.2	NA	66.1±7.0	24.0±5.9	72.2±6.2	NA	NA
MD-Rest of State	NA	NA	80.6±5.6	61.8±7.1	26.1±6.9	NA	10.0±3.6
Massachusetts	12.9±4.2	5.2±1.8	78.0±4.4	74.9±4.9	8.4±3.0	13.7±4.2	4.6±2.0
MA-City of Boston	23.8±5.8	28.0±6.3	40.1±6.5	28.3±5.8	39.9±6.8	21.1±5.2	22.0±5.3
MA-Rest of State	NA	NA	82.5±4.9	80.6±5.5	NA	12.8±4.7	NA
Michigan	13.7±3.8	21.9±4.7	50.0±5.7	71.4±4.8	20.0±4.0	NA	34.7±5.0
MI-City of Detroit	32.8±7.5	NA	57.5±7.8	NA	83.7±5.8	NA	89.3±5.9
MI-Rest of State	NA	23.6±5.4	48.7±6.5	81.7±5.6	NA	NA	25.7±5.8
Minnesota	NA	NA	79.5±5.5	85.3±4.7	NA	NA	34.3±5.9
Mississippi	26.6±6.1	56.9±6.5	15.6±4.4	50.8±6.6	47.0±6.7	NA	13.2±5.1
Missouri	15.6±5.1	22.8±5.5	51.0±6.5	77.7±5.9	16.8±5.4	NA	22.3±5.2
Montana	13.4±4.3	24.8±5.2	54.0±6.1	87.7±4.5	NA	NA	25.9±5.5
Nebraska	NA	16.6±4.4	48.5±5.9	84.4±4.9	NA	NA	42.1±5.9
Nevada	15.7±5.5	42.5±7.0	33.5±6.4	57.1±7.1	NA	26.5±6.3	54.0±6.9
New Hampshire	NA	NA	81.0±5.0	91.9±3.3	NA	NA	NA
New Jersey	10.4±4.7	7.0±3.4	76.8±6.0	59.4±7.5	18.2±7.2	16.8±5.4	12.8±4.5
NJ-City of Newark	27.3±7.3	NA	58.5±8.1	NA	60.4±7.4	29.9±6.4	96.4±5.8
NJ-Rest of State	NA	NA	77.7±6.3	61.9±8.0	NA	16.1±5.6	NA
New Mexico	29.8±6.3	27.1±6.3	40.7±6.5	40.8±6.4	NA	50.2±6.7	42.9±6.6
New York	16.2±4.0	8.8±2.9	67.9±4.8	52.7±4.7	20.9±4.7	21.8±4.3	57.4±3.4
NY-City of New York	22.9±7.2	NA	58.2±8.0	27.0±6.4	31.7±8.0	35.2±7.8	99.8±0.4
NY-Rest of State	NA	NA	76.3±5.5	74.8±6.1	NA	NA	20.9±5.3
North Carolina	17.7±5.8	29.0±6.5	50.1±6.7	62.9±6.9	27.2±6.5	NA	35.4±6.7
North Dakota	16.7±4.8	35.3±5.8	41.9±6.0	86.3±4.9	NA	NA	32.6±5.6
Ohio	19.5±4.0	19.5±4.0	62.1±4.7	79.3±3.7	14.5±3.1	NA	44.8±4.7
OH-Cuyahoga County	21.7±6.2	NA	66.6±6.5	55.4±7.0	35.4±7.0	NA	66.9±6.4
OH-Franklin County	17.1±6.3	NA	69.6±7.2	71.5±7.2	22.1±6.8	NA	57.6±7.6
OH-Rest of State	19.4±5.1	23.2±5.2	60.3±5.9	84.5±4.6	NA	NA	39.2±5.9
Oklahoma	23.7±6.4	35.3±6.9	31.2±6.8	69.5±6.7	NA	NA	32.4±6.9
Oregon	16.6±4.7	15.5±4.4	62.2±5.9	81.8±4.8	NA	13.9±4.3	32.1±5.7
Pennsylvania	14.3±3.8	8.1±2.8	73.0±4.5	75.3±4.2	16.1±3.6	5.4±2.4	34.9±4.4
PA-Philadelphia County	26.5±6.3	NA	58.0±7.1	32.0±6.9	51.4±7.3	11.8±4.3	NA
PA-Rest of State	11.9±4.3	NA	76.0±5.3	83.9±5.0	NA	NA	22.0±5.2
Rhode Island	15.8±4.5	14.6±4.8	64.1±6.1	74.4±5.7	NA	18.2±5.2	40.7±6.2
South Carolina	23.2±6.5	38.0±7.0	38.6±6.7	59.4±7.3	35.6±7.4	NA	29.9±6.2
South Dakota	15.4±5.6	13.8±4.3	60.1±6.6	81.5±6.1	NA	NA	28.0±6.3
Tennessee	24.0±4.2	30.6±4.1	44.5±4.4	72.1±3.7	22.8±3.4	NA	42.0±3.8
TN-Davidson County	22.2±5.8	17.0±4.9	50.4±6.6	61.4±6.7	29.9±6.4	NA	81.7±5.4
TN-Shelby County	26.2±6.7	32.0±6.7	49.4±7.1	39.6±6.7	57.1±6.9	NA	87.5±4.1
TN-Rest of State	23.6±5.7	32.4±5.6	42.0±6.0	83.8±4.8	NA	NA	21.5±5.2
Texas	24.0±3.9	29.3±4.5	47.8±4.7	38.9±4.5	14.0±3.5	44.7±4.7	56.2±4.6
TX-Bexar County	31.9±6.8	32.0±6.4	42.9±6.9	25.1±5.7	NA	68.2±6.3	96.0±2.6
TX-City of Houston	29.5±7.6	23.7±6.9	48.9±7.9	19.1±5.3	27.2±7.8	47.9±8.1	98.5±1.4
TX-Dallas County	18.0±6.1	27.1±6.9	53.8±7.4	37.9±6.9	22.2±6.7	34.3±7.0	50.3±7.4
TX-El Paso County	42.0±7.4	32.8±7.2	41.7±7.1	NA	NA	87.7±5.0	94.3±3.7
TX-Rest of State	21.8±5.7	30.3±6.8	47.6±7.0	46.8±7.0	NA	40.0±7.0	41.5±7.0
Utah	NA	27.2±6.1	48.8±6.9	85.1±4.9	NA	NA	40.5±6.8
Vermont	NA	NA	86.8±3.9	96.1±2.6	NA	NA	NA
Virginia	NA	17.4±5.2	63.4±6.5	63.3±6.8	24.6±6.4	NA	23.2±6.1
Washington	15.4±3.9	9.3±3.1	68.2±4.6	73.3±4.6	NA	14.8±3.8	44.3±4.9
WA-King County	13.9±4.6	NA	72.7±6.0	73.3±6.1	NA	NA	46.1±6.5
WA-Rest of State	16.0±5.1	NA	66.4±5.9	73.3±5.9	NA	17.9±5.0	43.6±6.4
West Virginia	22.8±5.6	21.6±5.2	53.9±6.5	93.4±3.4	NA	NA	15.4±5.0
Wisconsin	12.8±3.7	14.4±3.4	64.3±4.7	81.3±3.7	10.5±2.7	5.9±2.7	44.1±4.5
WI-Milwaukee County	22.7±8.5	NA	63.1±6.4	45.5±7.4	41.7±8.2	NA	91.0±3.3
WI-Rest of State	NA	15.8±4.3	64.6±5.8	92.4±3.8	NA	NA	29.6±5.5
Wyoming	16.9±5.1	19.2±5.0	56.3±6.2	85.9±4.6	NA	NA	33.5±6.0

* Estimate=NA (Not Available) if the unweighted sample size for the numerator was <30 or (CI half width)/Estimate >0.5 or (CI half width)>10

† Selected characteristics that have been associated with undervaccination.

‡ Children in the Q1/1996-Q4/1996 National Immunization Survey were born between February 1993 and May 1995.

§ Based on family income and household size using US Bureau of the Census poverty thresholds for 1996

‖ Self-reported by the provider.

¶ Self-reported by respondent. Children of Hispanic ethnicity may be of any race.

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

†† % ± 95% Confidence Interval