

Table 6. National estimates for coverage with 4:3:1:3*:3:1:4 vaccine series* among children 19-35 months by selected characteristics, National Immunization Survey-Child, 2016-2017†

	2016			2017		
	Dual [§]	Single [¶]	Difference ^{**}	Dual	Single	Difference
	% (95% CI)	% (95% CI)	Percentage Points (95% CI)	% (95% CI)	% (95% CI)	Percentage Points (95% CI)
<i>Child's age</i>						
19 to 23 months	68.3 (65.7-70.9)	69.2 (66.3-72.1)	-0.9 (-1.8-0.0)	65.6 (62.8-68.4)	67.5 (64.6-70.4)	-1.9(-2.9--0.9) ^{††}
24 to 29 months	70.5 (67.6-73.4)	70.7 (67.5-73.9)	-0.2 (-1.5-1.1)	72.0 (69.4-74.6)	72.1 (69.4-74.8)	-0.1 (-1.2-1.0)
30 to 35 months	73.0 (70.7-75.3)	73.1 (70.3-75.9)	-0.1 (-1.1-0.9)	73.0 (70.7-75.3)	71.1 (68.4-73.8)	1.9 (1.1-2.7) ^{††}
<i>Child's sex</i>						
Male	71.2 (69.1-73.3)	71.3 (68.8-73.8)	-0.1 (-1.0-0.8)	69.7 (67.6-71.8)	70.2 (68.0-72.4)	-0.5 (-1.2-0.2)
Female	70.2 (68.0-72.4)	70.9 (68.5-73.3)	-0.7 (-1.5-0.1)	71.2 (69.2-73.2)	70.6 (68.3-72.9)	0.6 (-0.3-1.5)
<i>Child's Race/Ethnicity</i>						
Non-Hispanic, White	72.2 (70.5-73.9)	73.0 (71.0-75.0)	-0.8(-1.5- -0.1) ^{††}	71.5 (69.7-73.3)	72.3 (70.5-74.1)	-0.8 (-1.6 -0.0)
Non-Hispanic, Black	64.1 (59.8-68.4)	63.7 (59.3-68.1)	0.4 (-1.6-2.4)	66.5 (62.1-70.9)	65.9 (61.2-70.6)	0.6 (-1.0-2.2)
Hispanic	71.0 (67.2-74.8)	71.2 (67.1-75.3)	-0.2 (-1.5-1.1)	70.4 (66.9-73.9)	69.5 (65.7-73.3)	0.9 (-0.2-2.0)
Non-Hispanic, Other	71.6 (67.6-75.6)	71.5 (66.4-76.6)	0.1 (-2.0-2.2)	70.5 (66.5-74.5)	70.0 (65.3-74.7)	0.5 (-1.3-2.3)

<i>Household Poverty Status</i>						
Below Poverty	72.5 (70.7-74.3)	72.2 (70.1-74.3)	0.3 (-0.4-1.0)	73.8 (72.2-75.4)	74.2 (72.5-75.9)	-0.4 (-1.1-0.3)
At or Above Poverty	66.0 (63.1-68.9)	67.9 (64.6-71.2)	-1.9 (-3.1- -0.7) ^{††}	62.8 (59.6-66.0)	61.5 (58.0-65.0)	1.3 (0.0-2.6)
<i>MSA Status</i>						
MSA, Principal City	71.3 (69.1-73.5)	71.2 (68.8-73.6)	0.1 (-0.6-0.8)	71.9 (69.7-74.1)	71.7 (69.3-74.1)	0.2 (-0.5-0.9)
MSA, Non-Principal City	71.1 (68.6-73.6)	71.7 (68.8-74.6)	-0.6 (-1.8-0.6)	69.8 (67.4-72.2)	69.5 (67.0-72.0)	0.3 (-0.7-1.3)
Non-MSA	67.0 (63.6-70.4)	68.5 (64.7-72.3)	-1.5 (-3.1-0.1)	66.8 (63.6-70.0)	68.3 (65.2-71.4)	-1.5 (-3.3-0.3)
<i>Insurance Status</i>						
No Medicaid, Private Only	76.0 (74.0-78.0)	75.0 (72.4-77.6)	1.0 (0.5-1.5) ^{††}	76.5 (74.4-78.6)	77.1 (75.0-79.2)	-0.6 (-1.4-0.2)
Any Medicaid	68.1 (65.8-70.4)	69.3 (66.7-71.9)	-1.2(-2.2--0.2) ^{††}	66.5 (64.1-68.9)	65.6 (63.0-68.2)	0.9(-0.1-1.9)
Other	66.8 (60.2-73.4)	67.9 (61.4-74.4)	-1.1 (-4.8-2.6)	69.2 (65.0-73.4)	68.1 (62.9-73.3)	1.1 (-0.6-2.8)
Uninsured	51.0 (41.8-60.2)	51.6 (41.1-62.1)	-0.6 (-3.5-0.2.3)	48.5 (41.2-55.8)	54.9 (47.5-62.3)	-6.4(-9.5--3.3) ^{††}
<i>Mother's Race/Ethnicity</i>						
Non-Hispanic, White	72.1 (70.5-73.7)	72.9 (71.0-74.8)	-0.8 ^{††} (-1.5--0.1)	71.7 (70.0-73.4)	72.2 (70.4-74.0)	-0.5 (-1.3-0.3)
Non-Hispanic, Black	63.9 (59.7-68.1)	64.1 (59.7-68.5)	-0.2 (-2.2-1.8)	64.6 (59.9-69.3)	64.8 (60.1-69.5)	-0.2 (-2.7-2.3)

Hispanic	72.2 (68.2-76.2)	72.4 (67.9-76.9)	-0.2 (-1.7-1.3)	70.8 (67.0-74.6)	69.8 (65.7-73.9)	1.0(0.2-1.8) ^{††}
Non-Hispanic, Other	69.6 (64.6-74.6)	68.7 (62.4-75.0)	0.9 (-1.5-3.3)	70.5 (66.0-75.0)	69.9 (64.5-75.3)	0.6 (-1.2-2.4)
<i>Mother's Education</i>						
Less than 12 years	65.8 (61.2-70.4)	67.2 (62.0-72.4)	-1.4 (-3.6-0.8)	63.2 (58.8-67.6)	63.1 (58.4-67.8)	0.1 (-1.3-1.5)
12 years	65.5 (61.9-69.1)	66.5 (62.6-70.4)	-1.0 (-2.6 -0.6)	66.3 (62.9-69.7)	65.8 (62.2-69.4)	0.5 (-1.2-2.2)
More than 12 years, Non-College Graduate	70.6 (67.9-73.3)	71.9 (69.0-74.8)	-1.3(-2.2--0.4) ^{††}	70.2 (67.6-72.8)	68.7 (65.5-71.9)	1.5 (0.6-2.4) ^{††}
College Graduate	76.5 (74.6-78.4)	75.3 (72.7-77.9)	1.2 (0.7-1.7) ^{††}	76.3 (74.2-78.4)	77.2 (75.-79.4)	-0.9 (-1.8-0.0)
<i>Mother's Age</i>						
Less than 20 years	79.0 (50.5-100)	83.7 (59.1- 100)	-4.7(-8.3--1.1) ^{††}	65.4 (45.1-85.7)	66.1 (44.2-88.0)	-0.7 (-3.0-1.6)
20 to 29 years	67.4 (64.8-70.0)	68.8 (66.1-71.5)	-1.4(-2.5--0.3) ^{††}	66.5 (64.1-68.9)	66.4 (64.0-68.8)	0.1 (-1.0-1.2)
30 years or older	72.7 (70.8-74.6)	72.5 (70.3-74.7)	0.2 (-0.5-0.9)	72.9 (71.0-74.8)	72.9 (70.8-75.0)	0.0 (0.7-0.7)

Abbreviations: CI=confidence interval, MSA = Metropolitan Statistical Area

* The 4:3:1:3*:3:1:4 vaccine series includes ≥4 doses of DTaP, ≥3 doses of poliovirus vaccine, ≥1 dose of measles-containing vaccine, the full series of Hib (≥3 or ≥4 doses, depending on product type), ≥3 doses of HepB, ≥1 dose of varicella vaccine, and ≥4 doses of PCV.

[†] Data for the 2016 survey year include children born during January 2013–May 2015 and for 2017 include children born during January 2014–May 2016.

[§] Dual-frame is defined as households with both landlines and cell-phones.

[¶] Single-frame is defined as households with only cellphones

^{**} Difference between proportion of dual households and the proportion of single households.

^{††} Statistically significantly different from 0 at p<0.05.