

Table 1. Adjusted odds ratios of pertussis vaccination coverage for the first four recommended vaccines, National Immunization Survey, 2010-2011.

Characteristic	Vaccine #1 aOR (95% CI)	Vaccine #2 aOR (95% CI)	Vaccine #3 aOR (95% CI)	Vaccine #4 aOR (95% CI)
Child's age				
19-23 months	Ref.	Ref.	Ref.	Ref.
24-29 months	1.06 (0.65-1.72)	1.37 (0.95-1.97)	1.43 (1.09-1.87)**	1.83 (1.56-2.13)**
30-35 months	0.77 (0.50-1.18)	1.08 (0.77-1.52)	1.26 (0.96-1.66)	2.02 (1.73-2.37)**
Race/ethnicity				
Non-Hispanic White	Ref.	Ref.	Ref.	Ref.
Non-Hispanic Black	1.05 (0.61-1.81)	0.74 (0.50-1.10)	0.81 (0.59-1.10)	1.03 (0.85-1.24)
Hispanic	0.72 (0.45-1.17)	0.90 (0.60-1.34)	1.06 (0.78-1.45)	1.18 (0.97-1.42)
Non-Hispanic Other	0.79 (0.42-1.47)	0.69 (0.44-1.09)	0.77 (0.53-1.10)	1.15 (0.93-1.41)
Sex				
Female	Ref.	Ref.	Ref.	Ref.
Male	0.91 (0.62-1.33)	0.87 (0.65-1.17)	0.84 (0.67-1.05)	0.94 (0.83-1.07)
First Born				
No	Ref.	Ref.	Ref.	Ref.
Yes	0.98 (0.62-1.53)	1.09 (0.76-1.55)	1.13 (0.83-1.54)	1.18 (0.98-1.42)
Poverty level				
Below	Ref.	Ref.	Ref.	Ref.
Above, ≤\$75K	1.51 (0.95-2.41)	1.28 (0.88-1.86)	1.20 (0.90-1.59)	1.21 (1.02-1.43)**
Above, >\$75K	1.56 (0.81-3.03)	1.80 (1.07-3.00)**	1.64 (1.11-2.43)**	1.31 (1.04-1.65)**
Number of children in HH				
1	Ref.	Ref.	Ref.	Ref.
2-3	1.16 (0.66-2.01)	1.03 (0.64-1.65)	0.93 (0.62-1.40)	0.93 (0.74-1.16)
≥4	1.02 (0.47-2.19)	0.71 (0.39-1.28)	0.61 (0.37-1.00)**	0.58 (0.44-0.78)**
Mother's age				
≤19 years	Ref.	Ref.	Ref.	Ref.
20-29 years	1.66 (0.47-5.78)	0.90 (0.27-2.93)	0.65 (0.25-1.73)	0.92 (0.62-1.38)
≥30 years	2.05 (0.57-7.31)	1.13 (0.34-3.74)	0.90 (0.34-2.41)	1.20 (0.80-1.82)
Mother's marital status				
Not married	Ref.	Ref.	Ref.	Ref.
Married	0.92 (0.57-1.50)	0.84 (0.60-1.18)	0.88 (0.68-1.13)	0.95 (0.80-1.13)
Mother's education				
≤12 years	Ref.	Ref.	Ref.	Ref.
>12 years, not grad	0.80 (0.52-1.24)	0.94 (0.65-1.34)	1.13 (0.67-1.05)	1.01 (0.85-1.18)
College graduate	0.82 (0.46-1.45)	0.97 (0.59-1.57)	1.02 (0.72-1.45)	1.23 (1.01-1.48)**
Provider type				
All public	Ref.	Ref.	Ref.	Ref.
All hospitals	0.24 (0.14-0.43)**	0.42 (0.27-0.65)**	0.62 (0.44-0.88)**	1.00 (0.79-1.27)
All private	2.02 (1.02-3.99)**	1.44 (0.93-2.21)	1.61 (1.19-2.19)**	1.56 (1.27-1.92)**
Other/mixed	0.58 (0.31-1.07)	0.86 (0.54-1.36)	1.11 (0.79-1.57)	1.37 (1.07-1.76)**
Mobility status				
Did not move	Ref.	Ref.	Ref.	Ref.
Moved from different state	1.66 (1.01-2.73)**	1.00 (0.60-1.66)	0.58 (0.41-0.82)**	0.57 (0.45-0.73)**
Insurance				
Uninsured	Ref.	Ref.	Ref.	Ref.
Has health insurance	1.83 (1.05-3.20)**	1.56 (1.00-2.45)**	1.90 (1.36-2.67)**	1.85 (1.45-2.36)**

**Significant 95% confidence interval.

Predictors of pertussis vaccination among children aged 19-35 months in the United States, 2010-2011

Richard W. DeClue, MPH
Sarah Patrick, PhD, MPH
Jing Wang, PhD

Contact: rdeclue2@slu.edu



SAINT LOUIS
UNIVERSITY

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