

Appendix Table 1. Logistic Regression of the Association Between Women’s Characteristics and HPV Vaccine Initiation, and by Foreign-birth

Variable	Initiated HPV vaccination Unadjusted OR (95% CI)	
	Overall	Foreign-born
Age		
18–26 years	6.56 (5.71, 7.53)	0.38 (0.30, 0.48)
27–30 years	2.88 (2.47, 3.35)	0.53 (0.42, 0.67)
31–36 years	ref	0.46 (0.34, 0.64)
Education level		
No high school degree	ref	0.15 (0.10, 0.24)
High school degree	1.43 (1.18, 1.72)	0.43 (0.29, 0.63)
Some college	2.50 (2.10, 2.98)	0.50 (0.37, 0.67)
Associate/college degree or higher	2.01 (1.70, 2.38)	0.48 (0.39, 0.59)
Household income		
0–100% FPL	ref	0.32 (0.24, 0.43)
<100%–200% FPL	0.72 (0.61, 0.84)	0.40 (0.30, 0.54)
<200%–300% FPL	0.92 (0.76, 1.10)	0.48 (0.34, 0.67)
>300% FPL	0.99 (0.84, 1.17)	0.40 (0.31, 0.51)
Race/Ethnicity		
Non-Hispanic white	ref	0.64 (0.45, 0.91)
Hispanic	0.64 (0.57, 0.72)	0.31 (0.25, 0.38)
Black	0.82 (0.72, 0.94)	0.58 (0.39, 0.87)
Asian	0.62 (0.52, 0.75)	0.23 (0.16, 0.33)
Marital status		
Married	ref	0.39 (0.31, 0.48)
Living with partner	2.50 (2.21, 2.82)	0.48 (0.38, 0.61)
Other (not married)	2.08 (1.75, 2.47)	0.35 (0.24, 0.53)
Region		
Northeast	ref	0.52 (0.37, 0.73)
Midwest	0.82 (0.67, 1.00)	0.37 (0.25, 0.55)
South	0.63 (0.53, 0.74)	0.31 (0.25, 0.39)
West	0.82 (0.69, 0.98)	0.35 (0.25, 0.49)
Usual source of care		
No	ref	0.31 (0.23, 0.43)
Clinic/Health center	1.35 (1.16, 1.57)	0.32 (0.24, 0.42)
Doctor’s office/HMO	1.35 (1.18, 1.56)	0.48 (0.39, 0.60)
Other	1.69 (1.27, 2.24)	0.43 (0.20, 0.94)
OB/GYN visit in past 12 months		
Yes	1.47 (1.34, 1.62)	0.38 (0.32, 0.46)
No	ref	0.41 (0.33, 0.51)
Health insurance		
Yes	2.26 (1.95, 2.61)	0.48 (0.39, 0.57)
No	ref	0.29 (0.21, 0.39)
Self-rated health status		
Excellent/Very good	1.29 (1.06, 1.56)	0.36 (0.30, 0.44)

Appendix
HPV Vaccination Among Foreign-Born Women: Examining the National Health Interview Survey 2013–2015
Cofie et al.

Good	0.96 (0.77, 1.19)	0.45 (0.34, 0.60)
Fair/Poor	ref	0.40 (0.23, 0.70)
Had Pap test in past 12 months		
Yes	1.37 (1.23, 1.54)	0.40 (0.33, 0.48)
No	ref	0.39 (0.31, 0.50)

Note: Boldface indicates statistical significance ($p < 0.05$).

HPV, human papilloma virus; OB/GYN, obstetrics and gynecology visit; FPL, federal poverty level