

TABLE 3. Percentage of persons aged ≥ 65 years who reported receiving influenza or pneumococcal vaccine, by race/ethnicity*, poverty status[†], education level, and number of physician contacts during the previous 12 months – National Health Interview Survey, United States, 1998[‡]

Characteristic	Received influenza vaccine during previous 12 mos			Ever received pneumococcal vaccine		
	Non-Hispanic white (n=4,934)	Non-Hispanic black (n=667)	Hispanic (n=532)	Non-Hispanic white (n=4,832)	Non-Hispanic black (n=650)	Hispanic (n=517)
	% (95% CI [§])	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)
Poverty status						
At or above poverty level	67.5 (±1.8)	45.7 (±6.5)	56.6 (±6.8)	51.6 (±2.0)	30.7 (±6.0)	25.8 (±5.9)
Below poverty level	55.3 (±4.5)	42.9 (±9.9)	49.0 (±10.1)	40.4 (±5.1)	18.0 (±6.3)	19.4 (±8.7)
Education level						
Less than high school	61.1 (±2.9)	45.1 (±5.1)	51.4 (±7.1)	46.0 (±2.9)	22.4 (±4.4)	20.5 (±5.3)
High school	66.3 (±2.5)	39.1 (±9.6)	46.8 (±12.9)	48.5 (±2.8)	33.8 (±9.8)	18.8 (±9.2)
More than high school	68.6 (±2.5)	46.9 (±7.8)	66.0 (±12.5)	53.5 (±2.7)	29.7 (±8.8)	36.5 (±13.7)
No. physician contacts during the previous 12 mos						
None	33.5 (±5.5)	20.4 (±11.3)	¶	21.2 (±4.3)	¶	¶
1	56.9 (±4.7)	25.1 (±11.3)	43.0 (±14.2)	41.1 (±4.9)	22.1 (±12.3)	28.3 (±14.2)
2-3	67.4 (±2.9)	46.0 (±8.4)	42.9 (±10.8)	45.9 (±3.3)	20.8 (±5.9)	21.2 (±8.3)
4-9	70.2 (±2.3)	54.2 (±7.1)	62.2 (±7.5)	56.1 (±2.5)	30.3 (±6.1)	24.8 (±8.5)
≥ 10	72.1 (±3.0)	49.5 (±9.6)	63.6 (±9.5)	56.9 (±3.4)	33.5 (±8.7)	30.8 (±8.3)
Total	65.6 (±1.5)	45.8 (±4.4)	50.3 (±5.0)	49.5 (±1.6)	26.1 (±3.7)	22.8 (±4.6)

*Data are presented only for non-Hispanic whites, non-Hispanic blacks, and Hispanics because numbers for other racial/ethnic groups were too small for meaningful analysis. Persons of Hispanic origin can be of any race; however, the racial/ethnic groups non-Hispanic white and non-Hispanic black do not include persons of Hispanic origin.

[†]Poverty status is based on family size, number of children aged <18 years, and family income. Published 1997 poverty thresholds from the Census Bureau are used in these calculation. Persons for whom poverty level was not determined were excluded from this analysis.

[‡]n=6,334. Sample sizes might not total 6,334 because persons with unknown vaccination status were excluded from analysis.

[§]Confidence interval. 95% CIs were calculated by multiplying the standard error by ± 1.96 .

[¶]The standard of reliability is $RSE < 0.3$ (where $RSE = \text{the ratio of the standard error and the prevalence}$). This estimate did not meet that standard, or the denominator was <30.

**Meets the standard of reliability; however, <50 respondents were in the denominator.