

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, 1999‡

Characteristic	Received influenza vaccine during previous 12 mos			Ever received pneumococcal vaccine		
	Non-Hispanic white (n=4,581)	Non-Hispanic black (n=642)	Hispanic (n=543)	Non-Hispanic white (n=4,498)	Non-Hispanic black (n=630)	Hispanic (n=524)
	% (95% CI [§])	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)
Poverty status						
At or above poverty level	68.1 (±1.9)	52.6 (±5.6)	58.7 (±6.8)	54.9 (±2.0)	34.0 (±5.8)	30.5 (±6.8)
Below poverty level	63.8 (±6.2)	46.7 (±10.9)	50.0 (±11.2)	49.6 (±6.8)	28.6 (±11.5)	18.5 (±8.0)
Education level						
Less than high school	64.3 (±2.9)	48.7 (±6.1)	50.6 (±6.1)	49.5 (±3.2)	29.1 (±5.8)	23.7 (±6.4)
High school	66.1 (±2.8)	47.9 (±9.7)	53.8 (±13.8)	50.7 (±2.8)	34.1 (±10.0)	28.8 (±11.9)
More than high school	72.4 (±2.5)	51.5 (±9.2)	70.5 (±9.4)	58.5 (±3.0)	36.8 (±8.3)	40.9 (±12.4)
No. physician contacts during the previous 12 mos						
None	37.1 (±5.6)	28.9 (±14.5)	30.3 (±11.3)	28.5 (±5.8)	27.3 (±14.8)	*
1	58.3 (±5.2)	31.1 (±14.2)	29.7 (±13.7)	41.1 (±4.9)	16.7 (±10.0)	26.3 (±13.6)
2-3	70.8 (±3.1)	44.6 (±9.9)	68.0 (±9.1)	50.8 (±3.2)	32.6 (±9.2)	39.3 (±11.9)
4-9	72.9 (±2.6)	59.0 (±7.5)	62.4 (±7.8)	58.9 (±2.6)	34.8 (±7.2)	24.8 (±8.4)
≥10	72.9 (±3.5)	56.3 (±8.3)	61.1 (±12.8)	61.8 (±3.4)	38.2 (±9.0)	32.5 (±11.2)
Total	67.9 (±1.6)	49.7 (±4.4)	55.1 (±5.1)	53.1 (±1.8)	32.6 (±4.4)	27.9 (±5.4)

*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 1998 poverty thresholds from the Census Bureau are used in these calculation. Persons for whom poverty level was not determined were excluded from this analysis.

‡Provisional release data, National Health Interview Survey, 1999. n=6,002. Sample sizes might not total 6,002 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 = 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.**