

**Data Brief 370: Shingles Vaccination Among Adults Aged 60 and Over: United States, 2018**

**Data table for Figure 1. Percentage of adults aged 60 and over who had ever received a shingles vaccine, by age group and year: United States, 2008–2018**

Age group and survey year	Percent (95% confidence interval)	Standard error
Total		
2008	6.7 (5.9–7.6)	0.41
2009	10.0 (9.1–11.0)	0.47
2010	14.4 (13.4–15.5)	0.54
2011	15.8 (14.8–16.8)	0.52
2012	20.1 (19.1–21.2)	0.55
2013	24.2 (23.0–25.5)	0.63
2014	27.9 (26.7–29.1)	0.61
2015	30.6 (29.3–32.0)	0.68
2016	33.4 (32.2–34.6)	0.61
2017	34.9 (33.6–36.2)	0.64
2018	34.5 (33.2–35.8)	0.64
Age 60–69		
2008	5.7 (4.6–6.9)	0.56
2009	8.8 (7.6–10.1)	0.63
2010	14.0 (12.6–15.4)	0.71
2011	13.8 (12.5–15.1)	0.64
2012	17.7 (16.4–19.2)	0.71
2013	22.8 (21.3–24.3)	0.78
2014	25.1 (23.5–26.7)	0.81
2015	28.1 (26.3–29.9)	0.90
2016	29.6 (28.0–31.4)	0.86
2017	30.1 (28.4–31.7)	0.83
2018	28.8 (27.1–30.5)	0.85
Age 70 and over		
2008	7.8 (6.6–9.1)	0.62
2009	11.3 (10.1–12.6)	0.62
2010	14.9 (13.4–16.5)	0.76
2011	18.1 (16.7–19.6)	0.75
2012	23.0 (21.4–24.6)	0.82
2013	25.9 (24.2–27.7)	0.87
2014	31.1 (29.4–32.8)	0.86
2015	33.4 (31.7–35.2)	0.90
2016	37.8 (36.2–39.5)	0.82
2017	40.4 (38.6–42.2)	0.89
2018	41.0 (39.3–42.8)	0.89

NOTES: Receipt of shingles vaccine is based on self-report. Each survey year, analysis excludes approximately 2%–3% of adults aged 60 and over with unknown shingles vaccination status. Estimates are based on household interviews of a sample of the civilian noninstitutionalized population.

SOURCE: NCHS, National Health Interview Survey, 2008–2018.

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**Data table for Figure 2. Percentage of adults aged 60 and over who had ever received a shingles vaccine, by sex and race and Hispanic origin: United States, 2018**

Characteristic	Percent (95% confidence interval)	Standard error
Sex		
Men	33.5 (31.7–35.3)	0.90
Women	35.4 (33.7–37.0)	0.82
Race and Hispanic origin		
Hispanic	19.5 (15.9–23.6)	1.89
Non-Hispanic white	38.6 (37.2–40.1)	0.74
Non-Hispanic black	18.8 (15.9–21.9)	1.51

NOTES: Receipt of shingles vaccine is based on self-report. This analysis excludes approximately 3% of adults aged 60 and over with unknown shingles vaccination status. Adults categorized as Hispanic may be of any race or combination of races. Adults categorized as non-Hispanic white and non-Hispanic black indicated one race only. Estimates for non-Hispanic adults of races other than white only or black only, or of multiple races, are not included in this analysis. Estimates are based on household interviews of a sample of the civilian noninstitutionalized population.

SOURCE: NCHS, National Health Interview Survey, 2018.

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**Data table for Figure 3. Percentage of adults aged 60 and over who had ever received a shingles vaccine, by poverty status and educational attainment: United States, 2018**

Characteristic	Percent (95% confidence interval)	Standard error
Poverty status		
Poor	20.4 (17.4–23.7)	1.56
Near poor	25.9 (23.4–28.6)	1.31
Not poor	38.4 (36.9–39.9)	0.77
Educational attainment		
Less than a high school diploma	21.2 (18.6–24.0)	1.35
High school diploma or GED	29.4 (27.3–31.6)	1.09
More than a high school diploma or GED	39.9 (38.3–41.5)	0.83

NOTES: Receipt of shingles vaccine is based on self-report. This analysis excludes approximately 3% of adults aged 60 and over with unknown shingles vaccination status. "Poor" adults are defined as having family incomes below the federal poverty level (FPL). "Near poor" adults are defined as having family incomes that are 100% to less than 200% of the FPL. "Not poor" adults are defined as having family incomes that are 200% or greater than the FPL. Estimates are based on household interviews of a sample of the civilian noninstitutionalized population.

SOURCE: NCHS, National Health Interview Survey, 2018.

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**Data table for Figure 4. Percentage of adults aged 60 and over who had ever received a shingles vaccine, by region: United States, 2018**

Geographic region	Percent (95% confidence interval)	Standard error
New England	38.8 (34.3–43.4)	2.27
Middle Atlantic	31.5 (28.2–35.0)	1.69
East North Central	35.6 (32.5–38.8)	1.59
West North Central	42.8 (37.6–48.2)	2.64
South Atlantic	32.0 (29.4–34.7)	1.33
East South Central	26.3 (22.7–30.0)	1.82
West South Central	31.5 (26.9–36.4)	2.36
Mountain	38.1 (33.1–43.4)	2.58
Pacific	38.2 (35.0–41.5)	1.63

NOTES: Receipt of shingles vaccine is based on self-report. This analysis excludes approximately 3% of adults aged 60 and over with unknown shingles vaccination status. The New England region includes CT, MA, ME, NH, RI, and VT. The Middle Atlantic region includes DC, DE, MD, NJ, NY, and PA. The East North Central region includes IL, IN, MI, OH, and WI. The West North Central region includes IA, KS, MN, MO, ND, NE, and SD. The South Atlantic region includes FL, GA, NC, SC, VA, and WV. The East South Central region includes AL, KY, MS, and TN. The West South Central region includes AR, LA, OK, and TX. The Mountain region includes AZ, CO, ID, MT, NM, NV, UT, and WY. The Pacific region includes AK, CA, HI, OR, and WA. Estimates are based on household interviews of a sample of the civilian noninstitutionalized population.

SOURCE: NCHS, National Health Interview Survey, 2018.