

Vaccination coverage among U.S. adults
National Immunization Survey – Adult, 2007* (n=7055)

Vaccination	Population	n	Weighted Coverage	95% CI
Influenza, 2006-07 season	18-49 HR	309	37.3%	29.6, 45.7
	Whites	123	40.9%	30.0, 51.7
	Blacks	87	30.5%	17.8, 47.2
	Hispanics	76	25.6%	15.1, 40.1
	50-64 ALL	2073	42.2%	39.0, 45.5
	Whites	714	43.1%	38.7, 47.6
	Blacks	688	37.2%	32.3, 42.5
	Hispanics	501	36.1%	30.5, 42.1
	65+ ALL	3087	68.8%	65.9, 71.6
	Whites	793	69.4%	65.6, 73.0
	Blacks	1320	54.6%	51.3, 57.9
	Hispanics	785	67.2%	62.5, 71.6
Pneumococcal, ever	18-64 HR	710	32.8%	27.1, 39.0
	Whites	231	34.0%	26.7, 42.0
	Blacks	244	26.6%	18.7, 36.2
	Hispanics	174	18.8%	12.7, 27.0
	65+ ALL	3009	65.6%	62.6, 68.6
	Whites	781	67.8%	63.8, 71.5
	Blacks	1274	52.5%	49.0, 55.9
	Hispanics	766	51.3%	46.6, 55.9
Tetanus in past 10 years	18-49 ALL	1738	57.2%	54.0, 60.5
	Whites	686	60.0%	55.5, 64.2
	Blacks	344	52.9%	44.8, 60.7
	Hispanics	558	51.5%	45.4, 57.6
	50-64 ALL	1957	57.2%	53.8, 60.5
	Whites	681	59.1%	54.6, 63.5
	Blacks	648	48.1%	42.6, 53.6
	Hispanics	467	54.6%	47.7, 61.4
	65+ ALL	2802	44.1%	40.7, 47.6
	Whites	737	44.7%	40.3, 49.4
	Blacks	1176	34.3%	31.3, 37.6
	Hispanics	722	43.0%	37.9, 48.3
Tdap in past 2 years	18-64 ALL	3525	2.1%	1.5, 2.9
	Whites	1294	1.7%	1.1, 2.7
	Blacks	951	3.9%	1.7, 8.9
	Hispanics	978	1.8%	1.0, 3.0

(cont.)

Tdap proportion of tetanus vaccinations in past 2 years	18-64 ALL	324	20.7%	15.0, 27.7
	Whites	121	17.5%	11.0, 26.6
	Blacks	90	29.4%	13.2, 53.4
	Hispanics	82	19.4%	10.9, 32.2
Zoster/Shingles, ever	50-59 ALL	1419	0.8%	0.3, 1.8
	Whites	492	0.6%	0.2, 1.8
	Blacks	477	1.0%	0.4, 2.4
	Hispanics	337	0.4%	0.1, 1.4
	60+ ALL	3662	1.9%	1.3, 2.8
	Whites	998	2.0%	1.2, 3.3
	Blacks	1484	2.4%	1.3, 4.6
	Hispanics	940	1.1%	0.5, 2.3
HepA-2+ doses, ever	18-49 ALL	1629	12.1%	9.8, 14.7
	Whites	651	12.5%	9.5, 16.2
	Blacks	331	10.6%	6.1, 17.7
	Hispanics	506	7.1%	4.3, 11.6
HepB-3+ doses, ever	18-49 ALL	1646	23.4%	20.5, 26.5
	Whites	660	24.7%	20.8, 29.1
	Blacks	333	21.9%	15.6, 29.8
	Hispanics	510	15.7%	11.7, 20.8
HPV-1+ doses, ever	18-26 Female	167	9.9%	4.9, 19.0
	Whites	47	10.5%	3.7, 26.2
	Blacks	33	18.7%	6.1, 44.7
	Hispanics	70	1.1%	0.2, 7.7
	27-49 Female	924	1.1%	0.4, 3.0
	Whites	359	1.3%	0.3, 4.7
	Blacks	199	2.6%	0.8, 8.5
	Hispanics	283	0.0%	Not applicable

*NIS-Adult was a landline telephone survey conducted during May, June, July and August 2007. The sample was selected at random from two national lists of household telephone numbers. (One list was age-group and racial/ethnic group-specific of respondents to the National Health Interview Survey. The other list was provided by a subcontractor, Survey Sampling International and was age-group-specific.) Vaccinations were self-reported and not validated by comparing to the respondent's medical chart. The interview completion rate was 74% with a 64% resolution rate and a 64% screening rate for a CASRO rate of 31%. ("CASRO" stands for Council of American Survey Research Organizations, which defined a standardized overall response rate for telephone surveys that is the product of three specific rates—interview completion rate, resolution rate, and screening rate.) Before analysis the data were weighted to adjust for non-response, households that do not have a landline telephone or do not have a telephone, and to match the age, gender and racial/ethnic distribution of the country. The contracting survey company was the National Opinion Research Center (NORC) at the University of Chicago.

n = Actual sample size

CI = Confidence interval

Shading indicates that the estimate of coverage is unreliable by definition; relative standard error is greater than 0.30 of the estimate.

HR = High risk

Whites = non-Hispanic white persons

Blacks = non-Hispanic black or African-American persons

Tdap = Tetanus-diphtheria acellular pertussis vaccine

HepA-2+ = Two or more doses of hepatitis A vaccine

HepB-3+ = Three or more doses of hepatitis B vaccine

HPV-1+ = One or more doses of human papillomavirus vaccine