

Estimated Vaccination Coverage\*† with ≥ 1 Dose of HPV Vaccine§ Among Adolescents Aged 13-17 Years¶ by Race/Ethnicity\*\* and by State and Selected Area – National Immunization Survey-Teen, United States, 2014

	FEMALE						MALE					
	Total	White only, non-Hispanic	Black only, non-Hispanic	Hispanic	American Indian or Alaska Native only, non-Hispanic	Asian only, non-Hispanic	Total	White only, non-Hispanic	Black only, non-Hispanic	Hispanic	American Indian or Alaska Native only, non-Hispanic	Asian only, non-Hispanic
	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)	% (95% CI)
US National	60.0(±1.9)	56.1(±2.2)	66.4(±4.8)	66.3(±5.1)	71.2(±14.4)	54.9(±9.3)	41.7(±1.8)	36.4(±2.0)	42.1(±4.9)	54.2(±4.9)	49.8(±13.9)	45.8(±11.4)
Alabama	54.7(±9.3)	51.9(±12.4)	61.0(±15.8)	NA	NA	NA	27.6(±7.2)	23.2(±8.5)	43.1(±16.4)	NA	NA	NA
Alaska	48.7(±8.8)	38.4(±10.9)	NA	NA	81.2(±17.1)	NA	37.9(±8.6)	19.8(±9.6)	NA	NA	52.3(±21.1)	NA
Arizona	58.2(±9.4)	45.8(±14.5)	NA	68.4(±13.3)	NA	NA	40.6(±8.3)	25.5(±9.1)	NA	54.5(±15.1)	NA	NA
Arkansas	54.6(±9.1)	52.1(±10.4)	NA	NA	NA	NA	35.1(±8.9)	33.0(±10.4)	NA	NA	NA	NA
California	69.2(±9.4)	79.7(±12.4)	NA	67.1(±14.3)	NA	NA	52.1(±9.3)	39.2(±15.0)	NA	62.6(±13.7)	NA	NA
Colorado	62.5(±8.3)	54.7(±10.9)	NA	69.1(±14.4)	NA	NA	40.7(±8.2)	40.3(±9.8)	NA	43.1(±17.3)	NA	NA
Connecticut	63.5(±8.5)	53.5(±10.5)	NA	NA	NA	NA	50.3(±9.0)	49.3(±10.3)	NA	NA	NA	NA
Delaware	67.6(±9.3)	66.5(±12.3)	NA	NA	NA	NA	54.6(±9.5)	46.2(±12.2)	NA	NA	NA	NA
Dist. of Columbia	75.2(±9.4)	92.3(±8.2)	70.2(±12.7)	NA	NA	NA	68.1(±9.5)	58.8(±16.4)	72.3(±12.4)	NA	NA	NA
Florida	57.2(±10.4)	49.2(±14.2)	NA	62.4(±19.5)	NA	NA	41.0(±10.1)	33.1(±12.5)	NA	61.8(±19.1)	NA	NA
Georgia	65.4(±9.1)	61.9(±11.5)	69.3(±17.4)	NA	NA	NA	41.2(±9.0)	34.5(±11.3)	48.2(±17.4)	NA	NA	NA
Hawaii	60.4(±8.6)	NA	NA	NA	NA	61.7(±15.1)	56.5(±8.6)	NA	NA	68.4(±17.1)	NA	53.0(±17.1)
Idaho	59.4(±10.2)	56.7(±11.2)	NA	NA	NA	NA	32.0(±8.7)	28.7(±9.2)	NA	NA	NA	NA
Illinois	64.4(±6.5)	60.8(±9.1)	81.3(±11.3)	65.0(±14.1)	NA	NA	44.7(±6.6)	38.9(±9.1)	46.4(±16.1)	57.7(±13.0)	NA	NA
IL-City of Chicago	78.1(±8.1)	75.2(±13.7)	83.5(±12.4)	77.0(±14.5)	NA	NA	64.9(±10.0)	44.7(±19.4)	66.7(±17.5)	68.4(±15.6)	NA	NA
IL-Rest of State	61.2(±7.7)	60.0(±9.5)	NA	NA	NA	NA	40.0(±7.6)	38.6(±9.5)	NA	51.5(±18.2)	NA	NA
Indiana	61.4(±8.5)	57.6(±10.3)	NA	NA	NA	NA	23.2(±6.9)	22.3(±7.6)	NA	NA	NA	NA
Iowa	59.5(±9.9)	62.2(±10.7)	NA	NA	NA	NA	30.2(±8.8)	31.2(±9.5)	NA	NA	NA	NA
Kansas	38.3(±9.5)	27.1(±9.6)	NA	NA	NA	NA	32.8(±8.6)	26.5(±8.6)	NA	NA	NA	NA
Kentucky	52.1(±9.5)	46.8(±10.6)	NA	NA	NA	NA	23.7(±8.0)	25.7(±9.3)	NA	NA	NA	NA
Louisiana	53.2(±9.5)	52.7(±12.9)	56.6(±16.3)	NA	NA	NA	44.7(±9.2)	52.2(±11.9)	31.0(±13.9)	NA	NA	NA
Maine	66.8(±8.1)	68.1(±8.1)	NA	NA	NA	NA	53.1(±9.0)	52.5(±9.2)	NA	NA	NA	NA
Maryland	57.9(±9.9)	61.2(±13.5)	48.3(±19.4)	NA	NA	NA	46.9(±9.7)	44.0(±11.7)	56.4(±20.0)	NA	NA	NA
Massachusetts	69.0(±8.5)	66.2(±9.9)	NA	NA	NA	NA	54.3(±8.5)	58.1(±9.7)	NA	NA	NA	NA
Michigan	58.0(±9.1)	48.3(±11.2)	NA	NA	NA	NA	39.8(±9.5)	35.9(±10.7)	NA	NA	NA	NA
Minnesota	67.0(±9.4)	61.7(±11.0)	NA	NA	NA	NA	43.9(±9.9)	34.9(±10.7)	NA	NA	NA	NA
Mississippi	45.8(±9.5)	33.5(±12.3)	62.3(±15.1)	NA	NA	NA	26.5(±8.0)	18.6(±9.8)	33.5(±12.9)	NA	NA	NA
Missouri	47.5(±9.2)	48.6(±10.3)	NA	NA	NA	NA	27.9(±8.4)	23.8(±8.6)	NA	NA	NA	NA
Montana	57.2(±9.2)	56.4(±9.9)	NA	NA	NA	NA	33.3(±9.2)	33.5(±10.3)	NA	NA	NA	NA
Nebraska	59.6(±9.1)	55.2(±10.4)	NA	NA	NA	NA	39.5(±9.1)	32.2(±10.1)	NA	NA	NA	NA
Nevada	54.2(±8.6)	50.5(±12.2)	NA	61.3(±16.8)	NA	NA	43.4(±9.0)	43.3(±13.4)	NA	45.8(±14.4)	NA	NA
New Hampshire	71.0(±7.2)	67.9(±7.9)	NA	NA	NA	NA	56.1(±7.8)	55.9(±8.2)	NA	NA	NA	NA
New Jersey	48.0(±9.8)	43.1(±11.8)	NA	NA	NA	NA	35.5(±9.4)	30.5(±11.4)	NA	53.4(±20.7)	NA	NA
New Mexico	59.0(±8.9)	50.5(±15.0)	NA	62.4(±11.6)	NA	NA	42.8(±9.3)	49.5(±14.9)	NA	33.2(±12.3)	NA	NA
New York	58.8(±7.4)	51.1(±10.4)	66.7(±15.8)	76.0(±14.0)	NA	NA	49.8(±6.8)	45.0(±9.2)	39.9(±18.7)	59.1(±14.5)	NA	NA
NY-City of New York	58.0(±10.2)	32.1(±14.9)	59.2(±18.9)	78.6(±17.0)	NA	NA	56.6(±9.8)	41.0(±18.3)	NA	67.2(±16.3)	NA	NA
NY-Rest of State	59.3(±10.2)	54.8(±12.0)	NA	NA	NA	NA	45.5(±9.1)	46.0(±10.5)	NA	NA	NA	NA
North Carolina	71.1(±8.1)	58.6(±11.7)	NA	NA	NA	NA	45.2(±8.9)	44.5(±10.9)	36.7(±18.5)	NA	NA	NA
North Dakota	60.9(±9.4)	57.8(±10.2)	NA	NA	NA	NA	37.6(±9.0)	34.8(±9.6)	NA	NA	NA	NA
Ohio	61.0(±8.4)	58.9(±9.3)	NA	NA	NA	NA	36.8(±8.1)	31.2(±8.3)	NA	NA	NA	NA
Oklahoma	65.3(±8.6)	52.6(±12.8)	NA	NA	NA	NA	43.2(±8.9)	39.9(±11.3)	NA	NA	NA	NA
Oregon	64.6(±8.7)	59.2(±10.8)	NA	69.8(±19.8)	NA	NA	36.9(±8.4)	36.3(±9.7)	NA	NA	NA	NA
Pennsylvania	66.8(±7.4)	62.9(±9.4)	85.8(±11.9)	82.9(±16.5)	NA	NA	47.4(±7.9)	42.0(±9.3)	72.8(±14.0)	51.7(±27.3)	NA	NA
PA-Philadelphia	80.3(±8.1)	61.2(±20.2)	87.0(±10.2)	NA	NA	NA	62.8(±9.1)	55.1(±15.6)	66.4(±12.8)	NA	NA	NA
PA-Rest of State	65.1(±8.4)	63.0(±9.6)	NA	NA	NA	NA	45.4(±8.9)	41.5(±9.7)	NA	NA	NA	NA
Rhode Island	76.0(±7.7)	74.7(±9.4)	NA	NA	NA	NA	69.0(±7.5)	64.4(±9.0)	NA	91.3(±12.1)	NA	NA
South Carolina	52.1(±9.5)	53.3(±12.2)	48.9(±17.0)	NA	NA	NA	29.4(±8.5)	27.5(±10.8)	35.6(±17.2)	NA	NA	NA
South Dakota	61.0(±9.4)	57.9(±10.4)	NA	NA	NA	NA	34.4(±9.1)	30.0(±9.5)	NA	NA	NA	NA
Tennessee	47.8(±9.8)	42.5(±11.2)	NA	NA	NA	NA	30.5(±8.5)	33.5(±10.3)	NA	NA	NA	NA
Texas	50.7(±7.0)	50.0(±11.7)	45.7(±21.8)	55.1(±10.0)	NA	NA	36.6(±6.4)	30.8(±9.9)	40.2(±22.0)	39.3(±9.5)	NA	NA
TX-Bexar County	47.7(±9.4)	51.3(±16.0)	NA	45.9(±12.2)	NA	NA	35.6(±8.8)	24.5(±12.7)	NA	37.2(±11.1)	NA	NA
TX-City of Houston	66.8(±9.0)	73.0(±13.1)	58.3(±20.1)	67.9(±13.0)	NA	NA	53.7(±9.9)	50.2(±15.2)	44.4(±21.7)	58.8(±14.9)	NA	NA
TX-El Paso County	71.9(±9.9)	NA	NA	72.9(±10.2)	NA	NA	54.2(±10.3)	NA	NA	54.9(±11.2)	NA	NA
TX-Rest of State	48.7(±8.2)	49.0(±12.8)	NA	53.2(±12.5)	NA	NA	34.4(±7.5)	30.0(±10.6)	NA	35.9(±12.1)	NA	NA
Utah	59.2(±8.3)	56.1(±9.2)	NA	NA	NA	NA	28.6(±8.0)	23.6(±8.4)	NA	NA	NA	NA
Vermont	63.4(±8.9)	63.0(±9.5)	NA	NA	NA	NA	50.5(±9.3)	51.3(±9.8)	NA	NA	NA	NA
Virginia	59.2(±10.4)	62.3(±12.5)	NA	NA	NA	NA	36.3(±10.5)	34.5(±12.3)	NA	NA	NA	NA
Washington	65.8(±8.8)	60.1(±11.0)	NA	NA	NA	NA	53.8(±8.8)	49.3(±10.4)	NA	NA	NA	NA
West Virginia	58.0(±9.4)	58.8(±9.9)	NA	NA	NA	NA	42.7(±8.9)	41.9(±9.6)	NA	NA	NA	NA
Wisconsin	61.0(±9.8)	59.3(±11.5)	NA	NA	NA	NA	49.3(±9.4)	41.9(±10.2)	NA	NA	NA	NA
Wyoming	50.3(±8.1)	48.0(±8.9)	NA	NA	NA	NA	29.3(±7.4)	23.8(±7.8)	NA	NA	NA	NA
Puerto Rico††	76.1(±10.4)	NA	NA	75.8(±10.5)	NA	NA	54.3(±12.5)	NA	NA	54.3(±12.5)	NA	NA

Abbreviations: HPV = human papilloma virus; CI = confidence interval; NA = not available (estimate not reported because unweighted sample size for the denominator was <30 or (95%CI half width / estimate) > 0.588)

\* Estimate presented as point estimate (%) ± 95% CI.

† Estimates with confidence intervals >20 may not be reliable.

§ ≥ 1 dose of HPV vaccine, either quadrivalent or bivalent. Percentages reported among females only (N=10,084) and among males only (N=10,743).

¶ Adolescents in the 2014 NIS-Teen were born January 1996 through February 2002. Vaccination coverage estimates include only adolescents who had adequate provider-reported immunization records.

\*\* Reported by parent/guardian respondent. Adolescents of Hispanic ethnicity may be of any race. Native Hawaiian or other Pacific Islanders and persons of multiple races were not included because of small sample sizes.

†† Adolescents from Puerto Rico (n=230) were not included in the United States estimates.