

Immunization

Those who had a seasonal flu shot or seasonal flu vaccine sprayed in their nose in the past year:

- Thirty-nine percent of Pennsylvania adults reported in 2013 they had a seasonal flu shot or seasonal flu vaccine sprayed in their nose in the past year.
- Pennsylvania men had a significantly lower percentage (34 percent, CI: 32-36) compared to Pennsylvania women (44 percent, CI: 43-46).
- Pennsylvania adults age 18-29 had a significantly lower percentage (27 percent, CI: 24-30) compared to Pennsylvania adults age 45-64 (40 percent, CI: 39-42) and adults age 65 and older (59 percent, CI: 57-62).
- Pennsylvania adults age 30-44 had a significantly lower percentage (29 percent, CI: 27-32) compared to Pennsylvania adults age 45-64 (40 percent, CI: 39-42) and adults age 65 and older (59 percent, CI: 57-62).
- Pennsylvania adults age 45-64 had a significantly lower percentage (40 percent, CI: 39-42) compared to Pennsylvania adults age 65 and older (59 percent, CI: 57-62).
- Pennsylvania adults with less than a high school education had a significantly lower percentage (36 percent, CI: 32-41) compared to Pennsylvania adults with a college degree (45 percent, CI: 43-47).
- Pennsylvania adults with a high school education had a significantly lower percentage (37 percent, CI: 35-39) compared to Pennsylvania adults with a college degree (45 percent, CI: 43-47).
- Pennsylvania adults with some college education had a significantly lower percentage (39 percent, CI: 36-41) compared to Pennsylvania adults with a college degree (45 percent, CI: 43-47).
- Pennsylvania adults with a household income of less than \$15,000 had a significantly lower percentage (35 percent, CI: 32-39) compared to Pennsylvania adults with a household income of \$75,000 or more (45 percent, CI: 43-48).
- Pennsylvania adults with a household income of \$15,000 to \$24,999 had a significantly lower percentage (36 percent, CI: 34-39) compared to Pennsylvania adults with a household income of \$75,000 or more (45 percent, CI: 43-48).
- Pennsylvania adults with a household income of \$25,000 to \$49,999 had a significantly lower percentage (37 percent, CI: 35-40) compared to Pennsylvania adults with a household income of \$75,000 or more (45 percent, CI: 43-48).
- Pennsylvania adults with a household income of \$50,000 to \$74,999 had a significantly lower percentage (36 percent, CI: 33-39) compared to Pennsylvania adults with a household income of \$75,000 or more (45 percent, CI: 43-48).

Those age 65 or older who indicated they ever had a pneumonia vaccination:

- Sixty-nine percent of Pennsylvania adults age 65 and older reported in 2013 they ever had a pneumonia vaccination.
- Pennsylvania men age 65 and older had a significantly lower percentage (64 percent, CI: 60-68) compared to Pennsylvania women age 65 and older (72 percent, CI: 69-75).

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Those who did not have a tetanus shot since 2005:

- Forty-one percent of Pennsylvania adults indicated in 2013 they have not had a tetanus shot since 2005.
- Pennsylvania adults age 18-29 had a significantly lower percentage (28 percent, CI: 24-31) compared to Pennsylvania adults age 30-44 (40 percent, CI: 37-43), adults age 45-64 (41 percent, CI: 39-43) and adults age 65 and older (53 percent, CI: 51-55).
- Pennsylvania adults age 30-44 had a significantly lower percentage (40 percent, CI: 37-43) compared to Pennsylvania adults age 65 and older (53 percent, CI: 51-55).
- Pennsylvania adults age 45-64 had a significantly lower percentage (41 percent, CI: 39-43) compared to Pennsylvania adults age 65 and older (53 percent, CI: 51-55).
- Pennsylvania adults with some college education had a significantly lower percentage (39 percent, CI: 36-41) compared to Pennsylvania adults with less than a high school education (49 percent, CI: 44-54).
- Pennsylvania adults with a college degree had a significantly lower percentage (36 percent, CI: 34-38) compared to Pennsylvania adults with less than a high school education (49 percent, CI: 44-54) and adults with a high school education (43 percent, CI: 41-45).
- Pennsylvania adults with a household income of \$50,000 to \$74,999 had a significantly lower percentage (37 percent, CI: 34-40) compared to Pennsylvania adults with a household income of less than \$15,000 (46 percent, CI: 42-51), adults with a household income of \$15,000 to \$24,999 (46 percent, CI: 42-49) and adults with a household income of \$25,000 to \$49,999 (45 percent, CI: 42-47).
- Pennsylvania adults with a household income of \$75,000 or more had a significantly lower percentage (36 percent, CI: 33-38) compared to Pennsylvania adults with a household income of less than \$15,000 (46 percent, CI: 42-51), adults with a household income of \$15,000 to \$24,999 (46 percent, CI: 42-49) and adults with a household income of \$25,000 to \$49,999 (45 percent, CI: 42-47).
- Pennsylvania white, non-Hispanic adults had a significantly lower percentage (40 percent, CI: 39-41) compared to Pennsylvania black, non-Hispanic adults (46 percent, CI: 42-51).

Immunization

Figure 20A: Immunization Prevalence per 1,000 Pennsylvania Population, Pennsylvania Adults, 2011-2013

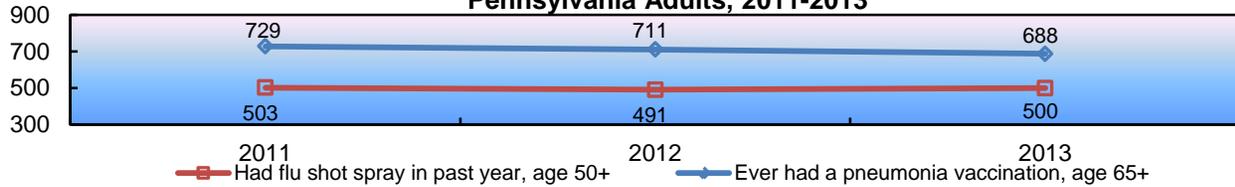


Table 20: Immunization, Pennsylvania Adults, 2013 (with 95% confidence intervals)

	Had Seasonal Flu Shot or Seasonal Flu Vaccine Sprayed in Nose in Past Year*		Ever Had a Pneumonia Vaccination, Age 65+ *		Did Not Have a Tetanus Shot Since 2005*	
	%	CI	%	CI	%	CI
All adults	39	38-40	69	67-71	41	39-42
Gender:						
Male	34	32-36	64	60-68	39	37-41
Female	44	43-46	72	69-75	43	41-45
Age:						
18-29	27	24-30	NSR	NSR	28	24-31
30-44	29	27-32	NSR	NSR	40	37-43
45-64	40	39-42	NSR	NSR	41	39-43
65+	59	57-62	69	67-71	53	51-55
Education:						
<High school	36	32-41	66	59-72	49	44-54
High school	37	35-39	67	64-70	43	41-45
Some college	39	36-41	74	69-78	39	36-41
College degree	45	43-47	71	67-75	36	34-38
Household income:						
<\$15,000	35	32-39	70	64-76	46	42-51
\$15,000 to \$24,999	36	34-39	71	66-75	46	42-49
\$25,000 to \$49,999	37	35-40	69	64-73	45	42-47
\$50,000 to \$74,999	36	33-39	65	57-72	37	34-40
\$75,000+	45	43-48	63	56-69	36	33-38
Race:						
White, non-Hispanic	40	38-41	69	67-72	40	39-41
Black, non-Hispanic	35	31-40	60	50-69	46	42-51
Hispanic	39	32-47	NSR	NSR	42	34-50

*Excludes missing, don't know and refused

Note: When comparing demographic estimates, confidence intervals that do not overlap indicate a significant difference.

Note: If "NSR" is displayed then the total response is less than 50 and/or the percentage prevalence is considered "not statistically reliable."

Note: Tdap is a tetanus shot that also has pertussis, or whooping cough, vaccine. Nineteen percent of respondents indicated they received a tetanus shot including Tdap since 2005; eight percent of respondents indicated they received a tetanus shot not including Tdap since 2005; and thirty-two percent of respondents indicated they received a tetanus shot since 2005, but weren't sure of the type.

Figure 20B: Had Seasonal Flu Shot or Seasonal Flu Vaccine Sprayed in Nose in Past Year, Pennsylvania Health Districts, 2013

