

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 responded in 2014 that 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 (35 percent, CI: 33-37) compared to Pennsylvania women (44 percent, CI: 42-45).
- Pennsylvania adults age 18-29 had a significantly lower percentage (24 percent, CI: 21-28) compared to Pennsylvania adults age 30-44 (32 percent, CI: 29-35), adults age 45-64 (40 percent, CI: 39-42) and adult age 65 and older (60 percent, CI: 57-62).
- Pennsylvania adults age 30-44 had a significantly lower percentage (32 percent, CI: 29-35) compared to Pennsylvania adults age 45-64 (40 percent, CI: 39-42) and adults age 65 and older (60 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 (60 percent, CI: 57-62).
- Pennsylvania adults with less than a high school education had a significantly lower percentage (35 percent, CI: 30-40) compared to Pennsylvania adults with a college degree (47 percent, CI: 45-49).
- Pennsylvania adults with a high school education had a significantly lower percentage (36 percent, CI: 34-38) compared to Pennsylvania adults with a college degree (47 percent, CI: 45-49).
- Pennsylvania adults with some college education had a significantly lower percentage (38 percent, CI: 36-41) compared to Pennsylvania adults with a college degree (47 percent, CI: 45-49).

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

- Seventy-one percent of Pennsylvania adults age 65 and older responded in 2014 that they ever had a pneumonia vaccination.
- Pennsylvania black, non-Hispanic adults age 65 and older had a significantly lower percentage (56 percent, CI: 47-65) compared to Pennsylvania white, non-Hispanic adults age 65 and older (73 percent, CI: 71-75).

Those age 60 and older who ever had the zoster vaccine for shingles:

- Thirty-two percent of Pennsylvania adults age 60 and older indicated in 2014 that they ever had the zoster vaccine for shingles.
- Pennsylvania adults age 60 and older with less than a high school education had a significantly lower percentage (24 percent, CI: 19-30) compared to Pennsylvania adults age 60 and older with some college education (34 percent, CI: 31-38) and adults age 60 and older with a college degree (40 percent, CI: 37-43).
- Pennsylvania adults age 60 and older with a high school education had a significantly lower percentage (30 percent, CI: 27-32) compared to Pennsylvania adults age 60 and older with a college degree (40 percent, CI: 37-43).
- Pennsylvania adults age 60 and older with a household income of less than \$15,000 had a significantly lower percentage (20 percent, CI: 16-25) compared to Pennsylvania adults age 60 and older with a household income of \$25,000 to \$49,999 (33 percent, CI: 30-36), adults age 60 and older with a household income of \$50,000 to \$74,999 (37 percent, CI: 33-42) and adults age 60 and older with a household income of \$75,000 or more (38 percent, CI: 33-42).
- Pennsylvania black, non-Hispanic adults age 60 and older had a significantly lower percentage (12 percent, CI: 9-17) compared to Pennsylvania white, non-Hispanic adults age 60 and older (34 percent, CI: 32-36).

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Figure 16A: Immunization Prevalence per 1,000 Pennsylvania Population, Pennsylvania Adults, 2011-2014

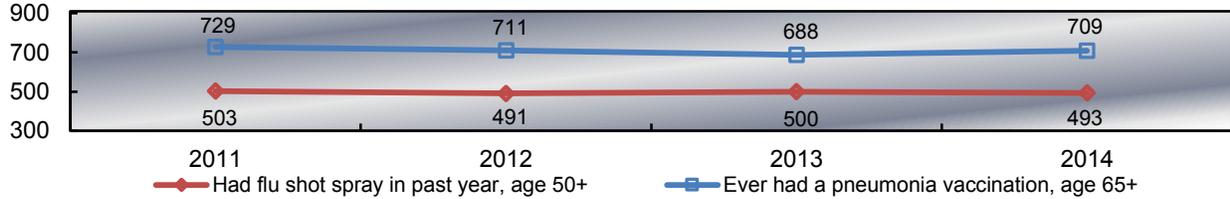


Table 16: Immunization, Pennsylvania Adults, 2014 (with 95% Confidence Intervals)

	Had Seasonal Flu Shot or Seasonal Flu Vaccine Sprayed in Nose in Past Year*		Ever Had a Pneumonia Vaccination, Age 65+ *		Ever Had the Zoster Vaccine for Shingles, Age 60+ *	
	%	CI	%	CI	%	CI
All adults	39	38-41	71	69-73	32	31-34
Gender:						
Male	35	33-37	70	66-73	31	28-34
Female	44	42-45	72	69-74	33	31-36
Age:						
18-29	24	21-28	NSR	NSR	NSR	NSR
30-44	32	29-35	NSR	NSR	NSR	NSR
45-64	40	39-42	NSR	NSR	NSR	NSR
60+	NSR	NSR	NSR	NSR	32	31-34
65+	60	57-62	71	69-73	NSR	NSR
Education:						
<High school	35	30-40	69	61-75	24	19-30
High school	36	34-38	71	68-73	30	27-32
Some college	38	36-41	71	67-75	34	31-38
College degree	47	45-49	73	69-76	40	37-43
Household income:						
<\$15,000	38	34-43	68	60-74	20	16-25
\$15,000 to \$24,999	38	35-42	73	69-77	29	25-33
\$25,000 to \$49,999	38	36-41	72	69-75	33	30-36
\$50,000 to \$74,999	37	34-41	71	65-76	37	33-42
\$75,000+	42	39-45	66	60-72	38	33-42
Race:						
White, non-Hispanic	40	39-42	73	71-75	34	32-36
Black, non-Hispanic	37	33-42	56	47-65	12	9-17
Hispanic	34	27-42	NSR	NSR	NSR	NSR

*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."

Figure 16B: Had Seasonal Flu Shot or Seasonal Flu Vaccine Sprayed in Nose in Past Year, Pennsylvania Health Districts, 2014

