

Pooled proportion of healthcare personnel reported as vaccinated in Ambulatory Surgery Centers* reporting to NHSN, by personnel group and CMS region†, 2016-2017 influenza season.

CMS Region	No. of reporting facilities††	Employee Vaccination %	95% CI for Employee Vaccination %	Licensed Independent Practitioner Vaccination %	95% CI for Licensed Independent Practitioner Vaccination %	Adult Student/ Trainee & Volunteer Vaccination %	95% CI for Adult Student/ Trainee & Volunteer Vaccination %	All Healthcare Personnel§ Vaccination %	95% CI for All Healthcare Personnel§ Vaccination %
Region I	136	80.6	79.3 - 81.8	88.1	87.0 - 89.2	73.8	66.8 - 80.0	83.8	82.9 - 84.6
Region II	316	79.1	78.3 - 79.9	73.5	72.7 - 74.4	89.0	86.3 - 91.3	76.7	76.2 - 77.3
Region III	495	80.7	80.0 - 81.4	83.3	82.6 - 84.0	90.2	88.4 - 91.8	82.3	81.9 - 82.8
Region IV	1,033	75.5	75.0 - 76.0	67.9	67.4 - 68.4	76.0	74.4 - 77.5	71.9	71.6 - 72.3
Region V	583	80.9	80.4 - 81.4	81.8	81.2 - 82.3	78.6	77.0 - 80.2	81.2	80.8 - 81.5
Region VI	462	83.3	82.7 - 83.9	71.5	70.8 - 72.2	76.9	74.3 - 79.3	77.2	76.7 - 77.6
Region VII	206	83.4	82.4 - 84.3	80.9	79.9 - 81.9	84.8	82.4 - 87.0	82.3	81.7 - 83.0
Region VIII	196	90.6	89.9 - 91.3	88.6	87.8 - 89.3	79.9	76.7 - 82.8	89.1	88.5 - 89.6
Region IX	667	73.7	73.1 - 74.3	72.6	72.0 - 73.2	86.6	84.3 - 88.6	73.4	73.0 - 73.9
Region X	269	79.2	78.4 - 80.0	80.0	78.8 - 81.1	86.4	83.5 - 89.0	79.7	79.1 - 80.4
United States	4,363	79.2	79.0 - 79.4	75.8	75.6 - 76.1	81.1	80.4 - 81.8	77.7	77.5 - 77.8
Range	136-1033	73.7-90.6	--	67.9-88.6	--	73.8-90.2	--	71.9-89.1	--

95% CI: 95% confidence interval for estimated vaccination percentage.

Pooled proportions for each CMS region are calculated as the number of healthcare personnel (HCP) vaccinated at their facility plus the number who provided documentation of vaccination elsewhere, divided by the total number of HCP in that group reported as working at the facilities for one day or more from October 1 through March 31, and multiplied by 100. HCP are reported by each facility in which they work; therefore, individuals may be counted more than once.

NHSN recognizes that changes to the Centers for Medicare and Medicaid Services (CMS) payment policies and changes in state and local reporting mandates may impact the number and characteristics of healthcare facilities participating in NHSN.

*Ambulatory Surgery Centers (ASCs) include freestanding facilities and Centers for Medicare and Medicaid Services-certified ASC units of acute care hospitals.

† A list of the states in each CMS region can be found at www.cms.gov/medicare-coverage-database/staticpages/region-descriptions.aspx. Reported data represent HCP working at facilities in the 50 U.S. states and the District of Columbia only.

†† Total number of ASCs reporting HCP influenza vaccination data to NHSN for the specified influenza season. This may include facilities that do not participate in CMS' Ambulatory Surgery Centers Quality Reporting Program (ASC QRP).

§ Pooled proportion vaccinated among employees, licensed independent practitioners, and adult students/trainees and volunteers combined.