

Pooled proportion of healthcare personnel reported as vaccinated in Inpatient Rehabilitation Facilities* reporting to NHSN, by personnel group and CMS region†, 2018-2019 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	37	92.9	92.3 - 93.4	96.7	95.2 - 97.9	97.7	96.8 - 98.4	93.8	93.3 - 94.2
Region II	65	90.9	90.4 - 91.4	71.5	69.7 - 73.2	92.2	91.1 - 93.3	88.1	87.6 - 88.6
Region III	118	93.9	93.6 - 94.3	79.1	77.8 - 80.3	95.1	94.4 - 95.7	92.2	91.9 - 92.5
Region IV	202	89.9	89.6 - 90.1	67.9	67.0 - 68.7	97.4	97.1 - 97.7	86.7	86.4 - 86.9
Region V	193	93.1	92.9 - 93.3	60.6	59.9 - 61.3	94.8	94.5 - 95.1	87.0	86.8 - 87.2
Region VI	239	90.9	90.6 - 91.2	66.9	66.0 - 67.8	96.3	95.8 - 96.7	86.7	86.4 - 87.0
Region VII	74	97.1	96.8 - 97.3	87.5	86.6 - 88.3	96.2	95.8 - 96.6	95.2	94.9 - 95.4
Region VIII	40	97.2	96.9 - 97.6	96.9	96.2 - 97.4	99.5	99.1 - 99.7	97.6	97.4 - 97.9
Region IX	115	86.7	86.3 - 87.2	64.4	63.4 - 65.3	90.2	89.4 - 91.0	81.3	80.9 - 81.7
Region X	30	93.5	92.7 - 94.3	91.7	88.8 - 94.1	97.1	94.7 - 98.6	93.6	92.9 - 94.3
United States	1,113	92.0	91.9 - 92.1	69.5	69.2 - 69.9	95.3	95.2 - 95.5	88.3	88.2 - 88.4
Range	30 - 239	89.7 - 97.2	--	60.6 - 96.9	--	90.2 - 99.5	--	81.3 - 97.6	--

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.

*Inpatient rehabilitation facilities (IRFs) include freestanding facilities and Centers for Medicare and Medicaid Services-certified IRF 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 IRFs reporting HCP influenza vaccination data to NHSN for the specified influenza season. This may include facilities that do not participate in CMS' Inpatient Rehabilitation Facility Quality Reporting Program (IRF QRP).

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