

Pooled proportion of healthcare personnel reported as vaccinated in Long-Term Acute Care Hospitals reporting to NHSN, by personnel group and CMS region\*, 2018-2019 influenza season.

CMS Region	No. of reporting facilities <sup>†</sup>	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 <sup>††</sup> Vaccination %	95% CI for All Healthcare Personnel Vaccination %
Region I	15	86.1	85.3 - 86.8	86.0	83.7 - 88.0	96.2	95.1 - 97.2	87.2	86.6 - 87.8
Region II	12	88.9	87.8 - 90.0	59.4	56.4 - 62.3	93.3	88.7 - 96.4	81.5	80.3 - 82.7
Region III	36	89.8	89.0 - 90.5	76.9	75.3 - 78.4	93.9	91.2 - 96.0	85.9	85.2 - 86.6
Region IV	86	88.4	87.9 - 88.9	58.8	57.6 - 60.0	97.9	97.3 - 98.4	81.9	81.4 - 82.3
Region V	76	88.2	87.7 - 88.8	68.4	67.3 - 69.6	95.4	94.2 - 96.4	82.7	82.2 - 83.2
Region VI	118	87.1	86.6 - 87.6	63.3	62.1 - 64.4	98.4	97.9 - 98.8	82.0	81.5 - 82.4
Region VII	19	91.8	90.6 - 92.8	83.4	81.1 - 85.7	100.0	99.6 - 100.0	91.3	90.4 - 92.1
Region VIII	15	96.3	95.6 - 96.9	96.1	94.5 - 97.4	99.9	99.6 - 100.0	97.1	96.6 - 97.5
Region IX	40	84.8	84.0 - 85.4	63.3	61.6 - 64.8	97.4	96.3 - 98.2	80.6	80.0 - 81.2
Region X	7	85.6	83.6 - 87.4	80.8	75.0 - 85.6	100.0	93.0 - 100.0	85.3	83.5 - 87.0
<b>United States</b>	<b>424</b>	<b>87.9</b>	<b>87.7 - 88.1</b>	<b>66.8</b>	<b>66.3 - 67.3</b>	<b>97.6</b>	<b>97.3 - 97.9</b>	<b>83.7</b>	<b>83.4 - 83.9</b>
<b>Range</b>	<b>7 - 118</b>	<b>84.8-96.3</b>	<b>--</b>	<b>58.8-96.1</b>	<b>--</b>	<b>93.3-100.0</b>	<b>--</b>	<b>80.6-97.1</b>	<b>--</b>

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.

\* A list of the states in each CMS region can be found at [www.cms.gov/medicare-coverage-database/staticpages/region-descriptions.aspx](http://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 long-term acute care hospitals reporting HCP influenza vaccination data to NHSN for the specified influenza season. This may include facilities that do not participate in CMS' Long-Term Care Hospital Quality Reporting Program (LTCH QRP).

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