

Pooled proportion of healthcare personnel reported as vaccinated in Hospitals reporting to NHSN, by personnel group and state, 2013-2014 influenza season.

State	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 %
Alabama	88	76.5	76.2 - 76.8	40.8	40.1 - 41.6	78.6	78.0 - 79.2	72.2	71.9 - 72.4
Alaska	8	79.5	78.7 - 80.3	56.2	54.1 - 58.4	54.6	51.8 - 57.3	73.3	72.5 - 74.0
Arizona	61	82.0	81.7 - 82.2	63.1	62.5 - 63.6	67.9	67.2 - 68.6	76.6	76.3 - 76.8
Arkansas	46	88.1	87.8 - 88.3	50.9	49.6 - 52.1	77.7	77.0 - 78.4	83.3	83.0 - 83.5
California	324	83.6	83.5 - 83.7	62.5	62.2 - 62.7	78.9	78.7 - 79.1	79.4	79.3 - 79.5
Colorado	47	97.3	97.1 - 97.4	88.2	87.8 - 88.6	94.7	94.4 - 95.1	94.8	94.6 - 94.9
Connecticut	30	87.8	87.6 - 88.0	72.5	71.8 - 73.2	87.6	87.0 - 88.1	85.7	85.4 - 85.9
Delaware	7	93.7	93.4 - 94.1	71.7	70.0 - 73.4	95.6	95.0 - 96.1	92.1	91.8 - 92.4
D.C.	8	96.4	96.2 - 96.6	92.0	91.3 - 92.7	93.6	92.6 - 94.5	95.5	95.3 - 95.7
Florida	187	72.2	72.0 - 72.3	33.7	33.4 - 34.0	67.0	66.6 - 67.3	64.2	64.1 - 64.4
Georgia	103	88.4	88.2 - 88.6	69.7	69.2 - 70.3	89.4	89.1 - 89.8	86.0	85.9 - 86.2
Hawaii	14	69.0	68.4 - 69.7	57.6	55.8 - 59.4	62.3	60.8 - 63.7	66.6	66.0 - 67.2
Idaho	14	87.7	87.2 - 88.1	34.9	33.4 - 36.4	74.6	73.2 - 76.1	79.3	78.8 - 79.7
Illinois	130	87.8	87.6 - 87.9	62.5	62.1 - 62.9	81.5	81.1 - 81.8	83.1	83.0 - 83.2
Indiana	92	90.5	90.3 - 90.6	74.1	73.5 - 74.6	86.3	85.9 - 86.7	87.7	87.6 - 87.9
Iowa	36	94.8	94.6 - 95.0	76.9	76.0 - 77.8	82.4	81.8 - 83.0	90.6	90.4 - 90.8
Kansas	54	92.2	92.0 - 92.5	67.8	66.8 - 68.7	92.3	91.8 - 92.7	88.6	88.4 - 88.9
Kentucky	70	81.8	81.6 - 82.1	45.7	44.9 - 46.5	68.7	68.0 - 69.4	75.4	75.2 - 75.7
Louisiana	99	77.2	76.9 - 77.4	39.8	39.1 - 40.4	77.1	76.5 - 77.7	71.4	71.1 - 71.6
Maine	19	86.5	86.2 - 86.9	69.8	67.5 - 71.9	86.4	85.2 - 87.4	85.8	85.4 - 86.2
Maryland	45	97.0	96.9 - 97.1	95.2	95.0 - 95.5	95.1	94.8 - 95.4	96.5	96.4 - 96.6
Massachusetts	71	87.1	87.0 - 87.3	79.1	78.6 - 79.6	87.2	86.8 - 87.6	86.2	86.1 - 86.3
Michigan	94	87.9	87.8 - 88.1	48.2	47.7 - 48.8	78.3	77.9 - 78.7	82.0	81.9 - 82.2
Minnesota	53	79.5	79.3 - 79.8	61.0	60.2 - 61.8	61.9	61.2 - 62.6	75.4	75.2 - 75.6
Mississippi	61	75.4	75.1 - 75.8	50.2	48.9 - 51.5	75.0	74.1 - 75.9	73.4	73.1 - 73.7
Missouri	79	93.2	93.1 - 93.3	65.0	64.4 - 65.6	85.6	85.1 - 86.0	88.5	88.4 - 88.7
Montana	13	87.5	87.1 - 88.0	63.7	61.6 - 65.7	74.9	73.2 - 76.6	84.1	83.6 - 84.6
Nebraska	24	94.3	94.0 - 94.5	73.2	72.2 - 74.2	94.4	94.0 - 94.8	91.3	91.1 - 91.6
Nevada	21	88.2	87.8 - 88.6	44.2	43.3 - 45.1	80.3	79.3 - 81.3	75.6	75.2 - 76.0
New Hampshire	13	94.6	94.4 - 94.9	82.1	80.8 - 83.3	94.1	93.4 - 94.7	93.2	93.0 - 93.5
New Jersey	71	70.8	70.6 - 71.1	39.7	39.2 - 40.2	50.2	49.7 - 50.8	62.5	62.3 - 62.7
New Mexico	29	83.5	83.1 - 84.0	41.0	39.7 - 42.3	74.0	73.0 - 75.0	76.3	75.9 - 76.7
New York	171	85.9	85.8 - 86.0	64.9	64.6 - 65.3	83.9	83.7 - 84.2	83.2	83.1 - 83.3
North Carolina	89	94.8	94.7 - 94.9	81.7	81.2 - 82.1	88.2	87.9 - 88.6	92.4	92.3 - 92.5
North Dakota	7	91.3	90.9 - 91.7	75.7	73.4 - 77.9	90.7	89.6 - 91.7	90.2	89.8 - 90.6
Ohio	137	87.1	87.0 - 87.2	58.1	57.6 - 58.6	72.0	71.6 - 72.3	82.0	81.9 - 82.2
Oklahoma	85	87.3	87.1 - 87.6	64.3	63.4 - 65.2	81.4	80.7 - 82.1	83.7	83.5 - 84.0
Oregon	36	82.2	81.8 - 82.5	58.2	57.2 - 59.3	63.4	62.6 - 64.2	76.5	76.2 - 76.8
Pennsylvania	167	87.4	87.3 - 87.5	64.1	63.8 - 64.5	82.9	82.6 - 83.2	83.2	83.1 - 83.3
Rhode Island	11	89.7	89.3 - 90.1	87.7	86.8 - 88.6	96.3	95.8 - 96.8	90.4	90.1 - 90.7

South Carolina	61	85.3	85.1 - 85.5	67.0	66.3 - 67.7	80.3	79.6 - 80.9	82.2	82.0 - 82.4
South Dakota	22	94.8	94.5 - 95.1	78.7	76.8 - 80.5	93.1	92.3 - 93.8	93.4	93.1 - 93.7
Tennessee	108	87.3	87.1 - 87.5	57.0	56.3 - 57.6	80.9	80.4 - 81.3	82.1	81.9 - 82.3
Texas	346	91.5	91.4 - 91.6	59.5	59.2 - 59.8	80.4	80.1 - 80.7	83.5	83.4 - 83.6
Utah	34	97.5	97.4 - 97.7	79.8	79.0 - 80.6	93.0	92.5 - 93.6	94.0	93.8 - 94.2
Vermont	6	77.6	76.9 - 78.3	46.1	42.3 - 50.0	61.3	59.4 - 63.2	73.9	73.2 - 74.6
Virginia	75	89.0	88.8 - 89.2	71.3	70.8 - 71.9	86.7	86.3 - 87.1	85.8	85.6 - 85.9
Washington	53	91.2	91.0 - 91.4	70.1	69.5 - 70.7	90.1	89.7 - 90.5	87.8	87.6 - 87.9
West Virginia	29	82.6	82.2 - 82.9	45.4	44.1 - 46.7	70.8	69.8 - 71.8	77.2	76.8 - 77.5
Wisconsin	71	93.3	93.2 - 93.5	90.5	90.1 - 90.9	87.4	87.0 - 87.8	91.9	91.7 - 92.0
Wyoming	11	89.8	89.1 - 90.5	68.9	65.7 - 71.9	62.6	60.5 - 64.5	82.5	81.8 - 83.2
<b>United States</b>	<b>3,530</b>	<b>86.3</b>	<b>86.2 - 86.3</b>	<b>61.9</b>	<b>61.8 - 62.0</b>	<b>79.9</b>	<b>79.8 - 79.9</b>	<b>81.8</b>	<b>81.8 - 81.8</b>
<b>Range</b>	<b>6 - 346</b>	<b>69.0- 97.5</b>	<b>--</b>	<b>33.7- 95.2</b>	<b>--</b>	<b>50.2- 96.3</b>	<b>--</b>	<b>62.5- 96.5</b>	<b>--</b>

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

Pooled proportions for each state 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 from October 1 through March 31, and multiplied by 100. Personnel 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.

\* Total number of hospitals reporting HCP influenza vaccination data to NHSN for the specified influenza season. This may include facilities that do not participate in CMS' Hospital Inpatient Quality Reporting (Hospital IQR) or Outpatient Quality Reporting (Hospital OQR) Program. The facility types that are considered are HOSP-CHLD, HOSP-GEN, HOSP-MIL, HOSP-ONC, HOSP-ORTHO, HOSP-PHE/G, HOSP-PHE/NG, HOSP-SURG, HOSP-VA, HOSP-WOM and HOSP-WOMCHILD.

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