

Pooled proportion of healthcare personnel reported as vaccinated in Hospitals reporting to NHSN, by personnel group and state, 2015-2016 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	87	80.5	80.3 - 80.8	50.5	49.7 - 51.3	89.2	88.7 - 89.7	77.4	77.2 - 77.7
Alaska	8	61.6	60.7 - 62.5	43.7	41.4 - 46.0	44.7	42.4 - 47.0	57.5	56.7 - 58.2
Arizona	63	91.0	90.9 - 91.2	78.1	77.6 - 78.6	82.6	82.0 - 83.2	87.2	87.0 - 87.3
Arkansas	48	89.3	89.1 - 89.6	54.7	53.5 - 56.0	85.2	84.5 - 85.8	85.8	85.5 - 86.0
California	330	86.8	86.7 - 86.8	64.3	64.0 - 64.6	82.6	82.4 - 82.8	82.6	82.5 - 82.7
Colorado	52	97.7	97.6 - 97.8	95.7	95.4 - 95.9	98.4	98.2 - 98.6	97.3	97.2 - 97.4
Connecticut	30	89.7	89.5 - 89.9	69.8	68.9 - 70.6	92.5	92.1 - 92.9	87.8	87.6 - 88.0
Delaware	7	94.2	93.9 - 94.5	72.6	70.9 - 74.3	92.1	91.4 - 92.7	92.0	91.7 - 92.3
D.C.	8	96.8	96.6 - 97.0	90.7	89.7 - 91.5	91.1	90.1 - 92.1	95.5	95.3 - 95.7
Florida	198	83.0	82.9 - 83.1	48.0	47.6 - 48.3	84.8	84.6 - 85.1	77.1	77.0 - 77.2
Georgia	102	91.0	90.8 - 91.1	71.3	70.8 - 71.8	91.0	90.7 - 91.4	88.3	88.2 - 88.5
Hawaii	15	78.9	78.4 - 79.5	68.2	66.5 - 69.7	77.1	75.8 - 78.3	77.3	76.8 - 77.8
Idaho	14	96.7	96.5 - 96.9	51.2	49.6 - 52.8	94.6	93.9 - 95.3	91.5	91.2 - 91.7
Illinois	129	92.1	92.0 - 92.2	63.8	63.4 - 64.3	82.7	82.4 - 83.0	86.7	86.6 - 86.8
Indiana	90	91.9	91.7 - 92.0	81.1	80.6 - 81.6	84.7	84.2 - 85.1	89.2	89.1 - 89.4
Iowa	38	94.5	94.3 - 94.7	83.0	82.2 - 83.8	85.2	84.6 - 85.7	91.4	91.2 - 91.6
Kansas	55	96.0	95.8 - 96.1	91.6	91.0 - 92.2	96.5	96.1 - 96.8	95.5	95.4 - 95.7
Kentucky	69	90.9	90.8 - 91.1	48.7	47.9 - 49.5	89.3	88.8 - 89.9	85.6	85.4 - 85.8
Louisiana	94	86.2	86.0 - 86.4	66.6	66.0 - 67.3	82.1	81.5 - 82.7	82.6	82.4 - 82.8
Maine	17	83.3	82.9 - 83.7	87.7	85.9 - 89.4	79.9	78.6 - 81.2	83.1	82.7 - 83.5
Maryland	48	97.6	97.5 - 97.7	93.1	92.7 - 93.4	97.3	97.1 - 97.5	96.8	96.7 - 96.9
Massachusetts	70	90.7	90.6 - 90.9	88.6	88.2 - 88.9	92.5	92.2 - 92.8	90.7	90.6 - 90.8
Michigan	95	90.7	90.6 - 90.8	75.8	75.3 - 76.3	87.8	87.5 - 88.2	88.7	88.6 - 88.8
Minnesota	53	82.0	81.8 - 82.2	65.0	64.2 - 65.7	70.0	69.4 - 70.6	78.5	78.2 - 78.7
Mississippi	61	83.8	83.5 - 84.0	61.1	59.9 - 62.2	83.3	82.6 - 84.0	81.8	81.5 - 82.0
Missouri	77	95.2	95.1 - 95.3	69.9	69.3 - 70.5	90.6	90.2 - 90.9	91.5	91.4 - 91.7
Montana	14	87.8	87.3 - 88.2	60.3	58.1 - 62.5	65.2	63.4 - 67.0	83.1	82.6 - 83.6
Nebraska	27	95.7	95.4 - 95.9	78.7	77.6 - 79.8	93.7	93.2 - 94.1	93.3	93.1 - 93.5
Nevada	19	90.0	89.7 - 90.4	45.3	44.4 - 46.2	85.4	84.5 - 86.3	78.0	77.7 - 78.4
New Hampshire	13	95.9	95.7 - 96.1	81.0	79.8 - 82.2	95.7	95.2 - 96.3	94.3	94.0 - 94.5
New Jersey	70	87.0	86.9 - 87.2	54.1	53.6 - 54.7	84.3	83.9 - 84.7	80.9	80.8 - 81.1
New Mexico	31	87.9	87.5 - 88.2	58.6	57.2 - 60.1	87.2	86.2 - 88.0	84.7	84.4 - 85.1
New York	177	86.6	86.5 - 86.7	65.6	65.3 - 66.0	80.9	80.7 - 81.2	83.3	83.2 - 83.4
North Carolina	91	97.1	97.0 - 97.2	89.0	88.6 - 89.4	89.9	89.6 - 90.2	95.1	95.0 - 95.2
North Dakota	7	92.7	92.3 - 93.0	78.3	75.3 - 81.1	90.4	89.5 - 91.2	91.9	91.6 - 92.2
Ohio	137	88.9	88.8 - 89.0	51.7	51.2 - 52.2	79.0	78.6 - 79.3	83.5	83.3 - 83.6
Oklahoma	87	92.7	92.5 - 92.9	65.7	64.9 - 66.6	91.5	91.0 - 91.9	89.1	88.9 - 89.3
Oregon	35	82.8	82.5 - 83.1	63.5	62.5 - 64.5	65.3	64.4 - 66.1	78.2	77.9 - 78.5
Pennsylvania	168	93.0	92.9 - 93.1	75.8	75.4 - 76.2	90.7	90.5 - 91.0	90.4	90.3 - 90.5
Rhode Island	11	90.4	90.0 - 90.7	95.5	95.0 - 96.0	98.2	97.9 - 98.6	92.5	92.2 - 92.8

South Carolina	60	91.6	91.4 - 91.7	72.9	72.1 - 73.7	85.7	85.1 - 86.2	88.8	88.7 - 89.0
South Dakota	21	95.6	95.3 - 95.9	74.1	72.2 - 75.9	97.8	97.3 - 98.2	94.2	94.0 - 94.5
Tennessee	109	90.2	90.1 - 90.4	64.5	63.9 - 65.1	94.2	94.0 - 94.4	87.7	87.6 - 87.9
Texas	355	92.4	92.3 - 92.5	65.7	65.4 - 66.0	91.0	90.8 - 91.2	87.0	86.9 - 87.1
Utah	35	98.2	98.1 - 98.3	92.6	92.1 - 93.0	92.3	91.8 - 92.8	96.2	96.0 - 96.3
Vermont	6	77.8	77.1 - 78.5	84.1	80.1 - 87.6	63.6	61.6 - 65.6	76.1	75.4 - 76.7
Virginia	79	91.2	91.0 - 91.4	65.1	64.5 - 65.7	87.8	87.4 - 88.2	86.4	86.3 - 86.6
Washington	54	91.6	91.4 - 91.7	79.1	78.6 - 79.6	90.5	90.1 - 90.8	89.5	89.3 - 89.6
West Virginia	29	89.3	89.0 - 89.6	65.2	64.0 - 66.4	88.8	88.1 - 89.5	86.9	86.6 - 87.1
Wisconsin	74	95.7	95.5 - 95.8	92.6	92.3 - 92.9	94.4	94.2 - 94.6	95.0	94.9 - 95.1
Wyoming	11	93.5	92.9 - 94.0	71.8	68.8 - 74.7	89.1	87.6 - 90.5	91.0	90.4 - 91.5
United States	3,578	89.9	89.9 - 89.9	68.6	68.5 - 68.7	86.5	86.5 - 86.6	86.4	86.4 - 86.5
Range	6 - 355	61.6- 98.2	--	43.7- 95.7	--	44.7- 98.4	--	57.5- 97.3	--

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.