

Table 1. Pooled proportion of healthcare personnel reported as vaccinated in acute care hospitals reporting to NHSN, by personnel group and state, 2020-2021 influenza season.

State	No. of reporting facilities ^a	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 ^b Vaccination %	95% CI for All Healthcare Personnel Vaccination %
Alabama	87	88.0	87.8 - 88.2	67.5	66.7 - 68.4	96.2	95.8 - 96.5	86.9	86.8 - 87.1
Alaska	19	87.4	86.9 - 87.9	34.6	33.0 - 36.2	77.0	74.4 - 79.4	79.0	78.4 - 79.5
Arizona	72	89.2	89.0 - 89.4	82.2	81.8 - 82.6	44.9	43.8 - 46.0	84.5	84.3 - 84.7
Arkansas	77	89.1	88.8 - 89.3	87.3	86.7 - 87.9	87.8	87.1 - 88.5	88.7	88.5 - 88.9
California	355	81.4	81.3 - 81.5	76.3	76.1 - 76.6	75.1	74.7 - 75.4	80.1	80.0 - 80.2
Colorado	83	96.2	96.1 - 96.3	96.1	95.9 - 96.3	90.0	89.4 - 90.5	95.7	95.6 - 95.8
Connecticut	28	90.2	90.0 - 90.4	67.9	67.0 - 68.7	91.2	90.6 - 91.7	87.7	87.5 - 87.9
Delaware	7	90.7	90.4 - 91.1	77.2	75.1 - 79.2	98.3	97.7 - 98.7	90.8	90.4 - 91.1
D.C.	6	94.6	94.2 - 94.9	93.1	92.0 - 94.2	75.5	73.2 - 77.7	93.2	92.9 - 93.6
Florida	209	78.1	77.9 - 78.2	45.2	44.9 - 45.5	84.4	84.0 - 84.7	72.7	72.5 - 72.8
Georgia	126	86.3	86.1 - 86.4	68.2	67.7 - 68.6	85.7	85.1 - 86.2	83.3	83.1 - 83.4
Hawaii	20	82.3	81.8 - 82.8	76.5	75.1 - 77.9	91.6	90.6 - 92.5	82.7	82.2 - 83.1
Idaho	39	90.5	90.2 - 90.7	79.8	78.7 - 80.8	97.1	96.5 - 97.6	89.8	89.5 - 90.0
Illinois	168	94.7	94.6 - 94.8	72.9	72.5 - 73.3	91.8	91.5 - 92.2	91.6	91.5 - 91.7
Indiana	118	94.8	94.7 - 94.9	72.1	71.7 - 72.5	87.1	86.6 - 87.5	89.2	89.1 - 89.3
Iowa	84	94.2	94.1 - 94.4	90.9	90.3 - 91.5	90.0	89.5 - 90.6	93.4	93.3 - 93.6
Kansas	114	92.5	92.3 - 92.7	82.3	81.5 - 83.0	93.1	92.5 - 93.6	91.3	91.1 - 91.5
Kentucky	87	88.4	88.2 - 88.6	60.6	59.9 - 61.3	96.3	96.1 - 96.6	85.9	85.7 - 86.1
Louisiana	115	85.2	85.0 - 85.4	58.5	57.8 - 59.2	81.9	81.3 - 82.5	81.1	80.9 - 81.3
Maine	25	92.4	92.1 - 92.6	74.2	71.8 - 76.5	96.2	95.2 - 97.0	91.9	91.6 - 92.2
Maryland	34	96.2	96.1 - 96.3	92.2	91.8 - 92.6	95.4	94.9 - 95.8	95.5	95.4 - 95.7
Massachusetts	70	95.7	95.6 - 95.8	96.8	96.6 - 97.0	92.3	91.9 - 92.6	95.6	95.5 - 95.7
Michigan	128	91.5	91.4 - 91.7	75.9	75.4 - 76.4	82.7	82.1 - 83.2	89.5	89.4 - 89.6
Minnesota	104	82.8	82.6 - 83.1	82.6	82.0 - 83.2	84.3	83.6 - 85.0	82.9	82.7 - 83.1
Mississippi	75	81.5	81.2 - 81.8	59.3	58.1 - 60.5	97.4	97.1 - 97.8	81.1	80.8 - 81.4
Missouri	96	95.3	95.2 - 95.4	86.6	86.2 - 87.0	91.9	91.5 - 92.3	93.9	93.8 - 94.0
Montana	43	87.3	86.9 - 87.7	61.2	59.1 - 63.2	92.5	91.4 - 93.5	86.0	85.6 - 86.3
Nebraska	62	91.2	91.0 - 91.5	84.3	83.5 - 85.1	78.5	77.7 - 79.2	88.0	87.7 - 88.2
Nevada	31	74.7	74.3 - 75.1	44.9	44.1 - 45.8	93.6	92.9 - 94.3	69.3	69.0 - 69.7
New Hampshire	24	95.2	95.0 - 95.4	87.6	86.5 - 88.7	97.8	97.2 - 98.2	94.8	94.6 - 95.0
New Jersey	71	91.3	91.2 - 91.5	69.2	68.7 - 69.6	95.7	95.4 - 96.0	87.5	87.3 - 87.6
New Mexico	41	81.6	81.3 - 82.0	64.5	63.2 - 65.8	87.2	86.2 - 88.1	80.5	80.1 - 80.8



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 %
New York	176	79.3	79.2 - 79.4	74.2	73.9 - 74.6	78.1	77.7 - 78.5	78.6	78.5 - 78.7
North Carolina	106	96.0	95.9 - 96.0	90.3	90.0 - 90.6	94.9	94.6 - 95.2	95.1	95.0 - 95.2
North Dakota	46	91.0	90.6 - 91.3	85.7	83.7 - 87.6	98.8	98.5 - 99.0	92.2	91.9 - 92.5
Ohio	162	90.7	90.6 - 90.8	51.1	50.6 - 51.5	95.7	95.5 - 95.9	86.6	86.5 - 86.7
Oklahoma	111	93.8	93.6 - 93.9	86.3	85.7 - 86.9	93.8	93.3 - 94.3	92.7	92.6 - 92.9
Oregon	58	76.4	76.1 - 76.6	73.0	72.1 - 74.0	28.1	27.2 - 28.9	70.7	70.4 - 71.0
Pennsylvania	173	91.4	91.3 - 91.5	88.6	88.3 - 88.9	97.9	97.8 - 98.1	91.5	91.4 - 91.6
Rhode Island	10	79.0	78.5 - 79.5	87.6	86.7 - 88.3	97.0	96.5 - 97.4	83.0	82.6 - 83.4
South Carolina	65	91.7	91.5 - 91.8	83.9	83.1 - 84.6	91.6	91.1 - 92.1	91.0	90.9 - 91.2
South Dakota	45	96.8	96.6 - 97.0	88.7	87.4 - 89.8	98.6	98.2 - 99.0	96.4	96.2 - 96.6
Tennessee	109	87.5	87.3 - 87.6	80.2	79.7 - 80.7	97.5	97.3 - 97.7	87.8	87.7 - 88.0
Texas	372	88.1	88.0 - 88.2	69.7	69.4 - 69.9	82.3	81.9 - 82.6	83.6	83.5 - 83.7
Utah	48	95.2	95.0 - 95.3	90.7	90.3 - 91.1	94.8	94.3 - 95.2	94.1	93.9 - 94.3
Vermont	9	83.0	82.4 - 83.6	90.6	88.1 - 92.7	89.6	88.1 - 91.0	83.8	83.3 - 84.3
Virginia	86	89.0	88.8 - 89.1	66.1	65.6 - 66.7	89.8	89.3 - 90.3	85.2	85.1 - 85.4
Washington	76	86.0	85.9 - 86.2	76.2	75.7 - 76.7	86.2	85.6 - 86.8	84.3	84.1 - 84.5
West Virginia	41	93.7	93.4 - 93.9	78.4	77.4 - 79.3	91.8	91.1 - 92.4	91.7	91.5 - 91.9
Wisconsin	126	94.6	94.5 - 94.8	86.2	85.8 - 86.6	96.2	95.9 - 96.5	93.6	93.5 - 93.7
Wyoming	24	90.7	90.1 - 91.2	86.9	85.1 - 88.5	72.4	70.0 - 74.7	88.5	88.0 - 89.0
United States	4,461	88.1	88.0 - 88.1	74.2	74.1 - 74.3	87.4	87.3 - 87.5	85.9	85.9 - 85.9
Range	6 - 372	74.7 - 96.8	--	34.6 - 96.8	--	28.1 - 98.8	--	69.3 - 96.4	--

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 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' Hospital Inpatient Quality Reporting (Hospital IQR) or Outpatient Quality Reporting (Hospital OQR) Program.

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