

Table 1. Pooled proportion of healthcare personnel reported as vaccinated in acute care hospitals reporting to NHSN, by personnel group and state, 2021-2022 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	79.6	79.4 - 79.9	58.4	57.6 - 59.2	89.2	88.7 - 89.8	78.0	77.8 - 78.3
Alaska	19	84.2	83.7 - 84.8	49.9	48.0 - 51.8	75.9	73.7 - 78.1	79.7	79.2 - 80.2
Arizona	79	84.0	83.7 - 84.2	76.3	75.8 - 76.8	68.0	67.0 - 68.9	81.0	80.8 - 81.2
Arkansas	67	84.3	84.0 - 84.6	69.3	68.2 - 70.5	88.8	88.2 - 89.3	83.8	83.5 - 84.0
California	362	74.3	74.2 - 74.4	72.1	71.9 - 72.3	75.5	75.2 - 75.8	74.0	73.9 - 74.1
Colorado	81	94.1	94.0 - 94.2	90.9	90.6 - 91.2	92.9	92.4 - 93.4	93.1	93.0 - 93.2
Connecticut	30	89.5	89.3 - 89.7	70.9	70.1 - 71.7	88.6	88.1 - 89.2	87.1	86.9 - 87.3
Delaware	7	83.6	83.2 - 84.1	81.1	79.4 - 82.8	98.8	98.1 - 99.3	84.2	83.8 - 84.6
D.C.	6	93.9	93.6 - 94.3	95.3	94.5 - 96.1	77.7	75.8 - 79.5	92.8	92.4 - 93.1
Florida	218	67.4	67.3 - 67.6	29.8	29.5 - 30.0	71.0	70.6 - 71.4	60.0	59.8 - 60.1
Georgia	128	82.4	82.3 - 82.6	65.9	65.4 - 66.5	86.5	86.0 - 87.0	80.4	80.3 - 80.6
Hawaii	24	74.4	73.8 - 74.9	66.5	65.0 - 68.0	83.1	81.9 - 84.3	74.5	74.0 - 75.0
Idaho	39	85.0	84.6 - 85.3	64.8	63.8 - 65.9	84.4	83.3 - 85.5	82.1	81.8 - 82.4
Illinois	166	91.8	91.6 - 91.9	77.5	77.1 - 78.0	90.5	90.2 - 90.8	90.0	89.9 - 90.1
Indiana	123	90.5	90.3 - 90.6	64.0	63.6 - 64.5	51.6	51.1 - 52.1	79.8	79.6 - 80.0
Iowa	89	91.0	90.8 - 91.2	84.2	83.5 - 85.0	91.3	90.8 - 91.7	90.4	90.2 - 90.6
Kansas	126	88.2	88.0 - 88.5	56.7	55.8 - 57.6	81.6	80.7 - 82.4	83.2	82.9 - 83.4
Kentucky	91	87.2	86.9 - 87.4	63.4	62.7 - 64.1	93.5	93.3 - 93.8	85.7	85.5 - 85.9
Louisiana	119	78.1	77.9 - 78.4	52.8	52.1 - 53.4	64.4	63.6 - 65.1	72.4	72.2 - 72.7
Maine	28	96.1	95.9 - 96.3	92.0	90.9 - 93.0	89.3	88.0 - 90.4	95.5	95.3 - 95.7

Maryland	37	93.4	93.3 - 93.6	91.4	91.0 - 91.9	94.6	94.2 - 95.0	93.3	93.1 - 93.4
Massachusetts	71	95.5	95.4 - 95.5	93.0	92.7 - 93.3	88.4	88.0 - 88.9	94.7	94.6 - 94.8
Michigan	127	88.8	88.6 - 88.9	66.5	66.0 - 67.1	76.2	75.7 - 76.7	85.5	85.4 - 85.6
Minnesota	117	83.5	83.3 - 83.7	75.3	74.7 - 75.9	94.1	93.7 - 94.5	83.3	83.1 - 83.5
Mississippi	82	70.4	70.0 - 70.7	54.9	53.8 - 56.1	87.5	86.7 - 88.2	70.5	70.2 - 70.8
Missouri	103	88.8	88.7 - 89.0	85.9	85.5 - 86.4	92.6	92.2 - 93.0	88.8	88.7 - 89.0
Montana	47	64.3	63.8 - 64.8	66.3	64.4 - 68.2	78.9	77.2 - 80.6	65.4	64.9 - 65.9
Nebraska	67	85.4	85.1 - 85.8	77.3	76.5 - 78.1	72.2	71.5 - 72.9	81.1	80.8 - 81.4
Nevada	37	66.3	65.8 - 66.8	55.0	54.2 - 55.9	75.1	73.7 - 76.4	64.1	63.7 - 64.5
New Hampshire	22	91.7	91.5 - 92.0	73.8	72.5 - 75.1	92.8	92.0 - 93.5	90.2	89.9 - 90.5
New Jersey	72	93.3	93.2 - 93.4	80.9	80.5 - 81.3	97.2	96.9 - 97.4	91.1	91.0 - 91.2
New Mexico	39	75.7	75.3 - 76.2	43.8	42.4 - 45.2	80.0	79.0 - 80.9	73.1	72.7 - 73.5
New York	174	69.1	68.9 - 69.2	62.4	62.0 - 62.8	78.5	78.2 - 78.9	69.1	69.0 - 69.2
North Carolina	112	93.9	93.8 - 94.0	89.6	89.2 - 89.9	84.0	83.6 - 84.5	92.2	92.1 - 92.3
North Dakota	42	88.6	88.2 - 88.9	85.0	83.2 - 86.8	96.7	96.1 - 97.3	89.4	89.0 - 89.7
Ohio	172	87.3	87.2 - 87.4	57.2	56.8 - 57.7	94.8	94.6 - 95.0	85.2	85.1 - 85.4
Oklahoma	112	86.0	85.8 - 86.3	81.1	80.5 - 81.7	93.4	92.9 - 93.8	86.2	85.9 - 86.4
Oregon	55	69.4	69.1 - 69.7	54.9	53.9 - 55.9	50.5	49.5 - 51.5	66.3	66.0 - 66.6
Pennsylvania	179	86.5	86.4 - 86.6	83.3	82.9 - 83.7	93.1	92.8 - 93.4	86.7	86.6 - 86.9
Rhode Island	10	84.0	83.5 - 84.5	93.9	93.3 - 94.5	98.8	98.5 - 99.1	88.2	87.8 - 88.5
South Carolina	62	84.3	84.0 - 84.5	53.1	52.3 - 53.9	78.7	78.0 - 79.3	79.8	79.6 - 80.0
South Dakota	47	92.5	92.2 - 92.8	79.0	77.3 - 80.7	96.1	95.5 - 96.6	92.2	91.9 - 92.4
Tennessee	109	84.5	84.3 - 84.7	59.1	58.6 - 59.7	94.5	94.2 - 94.8	81.4	81.2 - 81.5
Texas	383	82.1	82.0 - 82.2	45.9	45.6 - 46.1	82.7	82.4 - 83.0	72.6	72.5 - 72.7
Utah	46	93.5	93.3 - 93.7	75.6	75.1 - 76.1	80.0	79.3 - 80.7	86.7	86.4 - 86.9
Vermont	11	77.9	77.3 - 78.5	85.4	83.0 - 87.6	81.4	79.7 - 83.0	78.6	78.0 - 79.1
Virginia	85	88.2	88.0 - 88.4	49.1	48.5 - 49.6	89.3	88.8 - 89.7	81.2	81.0 - 81.3
Washington	78	82.9	82.7 - 83.1	77.5	77.1 - 77.9	72.0	71.2 - 72.8	80.9	80.8 - 81.1
West Virginia	46	92.4	92.2 - 92.6	85.5	84.7 - 86.3	89.7	89.0 - 90.4	91.4	91.2 - 91.6
Wisconsin	134	91.6	91.4 - 91.7	79.6	79.1 - 80.1	92.8	92.5 - 93.1	90.0	89.9 - 90.1

Wyoming	23	81.9	81.1 - 82.6	64.4	61.8 - 66.9	78.9	76.3 - 81.3	79.9	79.2 - 80.5
United States	4,591	83.2	83.1 - 83.2	65.3	65.2 - 65.4	83.0	82.9 - 83.1	80.4	80.4 - 80.4
Range	6 - 383	64.3 - 96.1	--	29.8 - 95.3	--	50.5 - 98.8	--	60.0 - 95.5	--

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.