

Pooled proportion of healthcare personnel reported as vaccinated in Hospitals reporting to NHSN, by personnel group and state, 2020-2021 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	88.3	88.1 - 88.5	65.4	64.6 - 66.2	96.3	95.9 - 96.6	86.9	86.7 - 87.1
Alaska	8	87.8	87.2 - 88.3	30.7	29.1 - 32.4	76.3	73.5 - 78.9	77.4	76.8 - 78.0
Arizona	68	89.2	89.0 - 89.4	81.2	80.8 - 81.6	45.0	43.9 - 46.1	84.4	84.2 - 84.6
Arkansas	49	89.2	88.9 - 89.4	87.6	87.0 - 88.3	87.5	86.8 - 88.1	88.8	88.6 - 89.0
California	332	81.3	81.2 - 81.4	76.6	76.4 - 76.8	77.9	77.6 - 78.3	80.3	80.2 - 80.4
Colorado	56	96.2	96.1 - 96.3	96.1	95.9 - 96.3	89.5	88.9 - 90.1	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	8	87.0	86.6 - 87.4	76.1	74.0 - 78.2	88.0	86.9 - 89.0	86.6	86.3 - 87.0
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	207	78.1	77.9 - 78.2	45.1	44.8 - 45.4	84.4	84.0 - 84.7	72.6	72.5 - 72.7
Georgia	101	86.3	86.1 - 86.4	67.5	67.0 - 68.0	85.6	85.0 - 86.1	83.2	83.0 - 83.3
Hawaii	16	82.3	81.8 - 82.9	76.3	74.9 - 77.7	91.6	90.6 - 92.5	82.7	82.2 - 83.1
Idaho	17	91.3	91.0 - 91.6	77.6	76.4 - 78.8	98.3	97.8 - 98.7	90.3	90.0 - 90.6
Illinois	129	94.8	94.7 - 94.9	73.2	72.8 - 73.6	92.7	92.4 - 93.0	91.7	91.6 - 91.8
Indiana	90	94.8	94.7 - 94.9	71.2	70.8 - 71.6	86.8	86.3 - 87.3	89.0	88.8 - 89.1
Iowa	36	94.1	93.9 - 94.3	91.8	91.1 - 92.4	89.6	89.0 - 90.2	93.3	93.1 - 93.5
Kansas	58	93.3	93.1 - 93.6	83.1	82.4 - 83.9	93.8	93.2 - 94.3	92.0	91.8 - 92.2
Kentucky	67	89.2	89.0 - 89.4	60.5	59.8 - 61.2	96.7	96.4 - 96.9	86.6	86.4 - 86.8
Louisiana	99	85.7	85.5 - 85.9	58.5	57.8 - 59.2	81.9	81.3 - 82.5	81.4	81.1 - 81.6
Maine	17	92.1	91.8 - 92.4	72.8	70.3 - 75.2	96.2	95.1 - 97.0	91.6	91.3 - 91.9
Maryland	45	97.3	97.2 - 97.4	93.6	93.3 - 94.0	96.8	96.5 - 97.2	96.7	96.6 - 96.8
Massachusetts	68	95.9	95.8 - 96.0	97.0	96.8 - 97.2	96.5	96.3 - 96.8	96.1	96.0 - 96.2
Michigan	98	91.6	91.4 - 91.7	75.4	74.9 - 75.9	83.0	82.4 - 83.5	89.5	89.4 - 89.6
Minnesota	50	82.5	82.3 - 82.7	82.2	81.5 - 82.8	85.2	84.4 - 85.9	82.7	82.5 - 82.9
Mississippi	61	81.5	81.2 - 81.8	59.3	58.2 - 60.5	97.4	97.1 - 97.8	81.1	80.8 - 81.4
Missouri	74	95.3	95.1 - 95.4	85.4	85.0 - 85.9	92.1	91.7 - 92.5	93.7	93.6 - 93.8
Montana	14	88.6	88.2 - 89.0	56.1	53.8 - 58.3	95.7	94.8 - 96.5	87.0	86.6 - 87.4
Nebraska	26	90.4	90.1 - 90.7	85.1	84.3 - 85.9	77.9	77.1 - 78.7	87.4	87.1 - 87.6
Nevada	24	74.3	73.8 - 74.7	43.8	42.9 - 44.6	93.2	92.4 - 93.9	68.7	68.3 - 69.1
New Hampshire	13	95.9	95.7 - 96.2	89.2	88.1 - 90.3	99.0	98.6 - 99.3	95.7	95.5 - 95.9
New Jersey	71	91.3	91.2 - 91.5	69.2	68.7 - 69.6	95.7	95.4 - 96.1	87.5	87.4 - 87.7
New Mexico	31	81.9	81.5 - 82.3	65.4	64.0 - 66.7	87.4	86.5 - 88.3	80.8	80.4 - 81.2
New York	174	79.2	79.0 - 79.3	74.4	74.0 - 74.7	76.2	75.8 - 76.6	78.4	78.3 - 78.5
North Carolina	95	96.0	95.9 - 96.1	90.1	89.8 - 90.4	94.9	94.7 - 95.2	95.1	95.0 - 95.2
North Dakota	9	93.2	92.9 - 93.6	85.3	82.9 - 87.4	99.5	99.2 - 99.6	94.2	93.9 - 94.5
Ohio	139	91.0	90.9 - 91.1	51.2	50.8 - 51.7	95.7	95.5 - 95.9	86.9	86.8 - 87.0
Oklahoma	83	94.0	93.8 - 94.2	86.4	85.8 - 87.0	93.4	92.8 - 93.8	92.9	92.7 - 93.0
Oregon	35	75.8	75.5 - 76.1	73.3	72.3 - 74.2	26.4	25.6 - 27.2	69.8	69.5 - 70.1
Pennsylvania	164	91.6	91.5 - 91.7	88.4	88.1 - 88.7	98.0	97.8 - 98.1	91.6	91.5 - 91.7
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	62	91.6	91.5 - 91.8	83.9	83.2 - 84.7	92.1	91.6 - 92.6	91.1	90.9 - 91.2
South Dakota	19	96.8	96.6 - 97.0	88.6	87.2 - 89.9	98.6	98.1 - 99.0	96.4	96.2 - 96.6
Tennessee	99	87.4	87.2 - 87.6	80.7	80.2 - 81.1	97.5	97.3 - 97.7	87.9	87.7 - 88.0
Texas	336	88.2	88.1 - 88.3	69.4	69.2 - 69.7	82.7	82.3 - 83.0	83.8	83.7 - 83.9
Utah	38	95.1	94.9 - 95.3	90.9	90.4 - 91.3	94.8	94.4 - 95.2	94.1	93.9 - 94.3
Vermont	6	82.0	81.4 - 82.6	90.3	87.7 - 92.5	89.0	87.3 - 90.5	82.9	82.3 - 83.4
Virginia	80	88.9	88.8 - 89.1	66.2	65.6 - 66.7	90.4	89.9 - 90.9	85.3	85.1 - 85.4
Washington	54	86.9	86.7 - 87.1	77.1	76.7 - 77.6	86.5	85.8 - 87.1	85.1	84.9 - 85.3
West Virginia	27	95.0	94.8 - 95.2	78.6	77.7 - 79.6	95.0	94.4 - 95.5	93.0	92.8 - 93.2
Wisconsin	74	94.9	94.7 - 95.0	87.2	86.7 - 87.6	96.4	96.1 - 96.6	93.9	93.8 - 94.0
Wyoming	12	92.8	92.2 - 93.4	85.8	83.7 - 87.8	69.7	66.9 - 72.5	89.7	89.1 - 90.3
<b>United States</b>	<b>3,570</b>	<b>88.1</b>	<b>88.1 - 88.1</b>	<b>74.1</b>	<b>74.0 - 74.2</b>	<b>87.8</b>	<b>87.7 - 87.8</b>	<b>86.0</b>	<b>85.9 - 86.0</b>
<b>Range</b>	<b>6 - 336</b>	<b>74.3- 97.3</b>	<b>--</b>	<b>30.7- 97.0</b>	<b>--</b>	<b>26.4- 99.5</b>	<b>--</b>	<b>68.7- 96.7</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.