

Pooled proportion of healthcare personnel reported as vaccinated in Hospitals reporting to NHSN, by personnel group and state, 2022-2023 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	79.4	79.2 - 79.7	56.2	55.5 - 56.9	93.8	93.5 - 94.2	77.8	77.6 - 78.0
Alaska	8	81.7	81.0 - 82.3	54.7	52.7 - 56.6	68.1	65.5 - 70.6	77.0	76.4 - 77.6
Arizona	67	88.3	88.2 - 88.5	84.8	84.4 - 85.2	73.8	73.0 - 74.5	86.5	86.4 - 86.7
Arkansas	50	84.4	84.1 - 84.7	82.6	81.6 - 83.6	89.0	88.4 - 89.5	85.0	84.7 - 85.2
California	330	73.2	73.1 - 73.3	74.1	73.8 - 74.3	82.4	82.1 - 82.7	74.2	74.1 - 74.3
Colorado	57	94.5	94.3 - 94.6	91.8	91.6 - 92.1	95.4	95.0 - 95.7	93.8	93.7 - 93.9
Connecticut	30	84.0	83.8 - 84.3	48.8	47.9 - 49.6	62.9	61.9 - 63.8	77.0	76.7 - 77.2
Delaware	9	89.3	89.0 - 89.7	78.2	76.5 - 79.8	95.5	94.8 - 96.1	89.2	88.9 - 89.5
D.C.	6	95.9	95.6 - 96.1	93.1	91.8 - 94.3	83.1	81.5 - 84.7	94.5	94.2 - 94.8
Florida	215	71.4	71.3 - 71.6	36.8	36.5 - 37.1	74.5	74.2 - 74.8	66.1	65.9 - 66.2
Georgia	104	81.6	81.4 - 81.8	66.6	66.1 - 67.2	88.4	88.0 - 88.9	80.3	80.2 - 80.5
Hawaii	16	70.2	69.6 - 70.7	68.3	66.6 - 69.9	84.9	83.6 - 86.1	71.4	70.9 - 72.0
Idaho	17	80.1	79.7 - 80.5	62.1	60.8 - 63.4	81.8	80.6 - 82.9	78.2	77.9 - 78.6
Illinois	126	91.1	91.0 - 91.2	71.8	71.4 - 72.2	88.6	88.3 - 88.9	88.1	88.0 - 88.2
Indiana	95	89.6	89.4 - 89.7	81.5	81.1 - 82.0	70.2	69.6 - 70.7	85.8	85.7 - 86.0
Iowa	37	86.0	85.7 - 86.3	61.8	60.9 - 62.8	74.0	73.2 - 74.7	81.0	80.7 - 81.3
Kansas	57	90.3	90.1 - 90.6	73.3	72.5 - 74.1	85.0	84.2 - 85.8	87.2	87.0 - 87.5
Kentucky	68	86.8	86.6 - 87.0	49.6	48.8 - 50.4	91.1	90.7 - 91.5	83.0	82.8 - 83.2
Louisiana	101	82.5	82.2 - 82.7	57.8	57.1 - 58.5	80.5	79.9 - 81.1	78.4	78.2 - 78.6
Maine	17	97.0	96.8 - 97.2	92.8	91.1 - 94.2	90.9	89.8 - 91.9	96.4	96.2 - 96.6
Maryland	45	95.2	95.1 - 95.3	92.6	92.3 - 93.0	98.7	98.5 - 98.8	95.2	95.1 - 95.3
Massachusetts	69	95.3	95.2 - 95.4	92.2	92.0 - 92.5	97.5	97.3 - 97.7	95.1	95.0 - 95.2
Michigan	98	85.5	85.4 - 85.6	60.4	59.9 - 61.0	80.5	80.0 - 80.9	82.7	82.6 - 82.8
Minnesota	50	79.0	78.8 - 79.2	68.3	67.6 - 69.0	82.3	81.7 - 82.8	78.1	77.9 - 78.3
Mississippi	62	73.6	73.2 - 73.9	62.4	61.2 - 63.6	87.0	86.3 - 87.6	74.3	74.0 - 74.6
Missouri	71	92.7	92.6 - 92.8	82.8	82.2 - 83.3	84.9	84.4 - 85.4	90.9	90.8 - 91.0
Montana	13	63.4	62.8 - 64.0	48.3	46.0 - 50.7	69.1	67.4 - 70.8	63.1	62.5 - 63.6
Nebraska	27	81.9	81.5 - 82.3	74.6	73.8 - 75.4	75.1	74.5 - 75.7	78.8	78.5 - 79.1
Nevada	27	66.4	65.9 - 66.9	47.4	46.5 - 48.2	79.3	78.2 - 80.4	62.9	62.5 - 63.3
New Hampshire	13	91.7	91.4 - 92.0	79.3	77.8 - 80.7	94.7	94.0 - 95.3	91.2	90.9 - 91.5
New Jersey	70	95.4	95.3 - 95.5	79.8	79.4 - 80.1	98.5	98.3 - 98.6	92.7	92.6 - 92.8
New Mexico	32	80.1	79.7 - 80.5	59.2	58.2 - 60.2	72.0	70.7 - 73.3	75.3	74.9 - 75.7
New York	169	69.8	69.7 - 69.9	65.7	65.4 - 66.1	72.3	71.9 - 72.7	69.6	69.5 - 69.7
North Carolina	98	93.1	93.0 - 93.2	88.8	88.4 - 89.1	91.7	91.3 - 92.0	92.5	92.4 - 92.6
North Dakota	9	88.0	87.5 - 88.5	78.5	75.3 - 81.4	98.0	97.6 - 98.4	89.5	89.1 - 89.9
Ohio	142	86.6	86.5 - 86.8	57.9	57.4 - 58.4	95.8	95.6 - 95.9	84.8	84.7 - 84.9
Oklahoma	85	88.8	88.6 - 89.1	79.6	78.9 - 80.3	89.8	89.2 - 90.4	87.8	87.6 - 88.0
Oregon	35	71.4	71.1 - 71.8	58.3	57.3 - 59.3	64.4	63.3 - 65.5	69.5	69.2 - 69.8
Pennsylvania	172	86.3	86.1 - 86.4	82.9	82.5 - 83.3	92.1	91.9 - 92.4	86.8	86.7 - 86.9
Rhode Island	10	86.1	85.6 - 86.5	94.0	93.4 - 94.5	97.7	97.3 - 98.0	89.7	89.4 - 90.0

South Carolina	63	84.8	84.6 - 85.0	53.0	52.1 - 53.9	81.5	80.9 - 82.0	81.2	81.0 - 81.4
South Dakota	18	92.9	92.6 - 93.3	85.6	83.8 - 87.2	93.7	92.9 - 94.4	92.6	92.3 - 92.9
Tennessee	100	83.3	83.1 - 83.5	61.5	60.9 - 62.1	93.5	93.1 - 93.8	81.6	81.4 - 81.7
Texas	337	86.0	85.8 - 86.1	52.1	51.9 - 52.4	90.5	90.2 - 90.7	78.1	78.0 - 78.2
Utah	39	93.5	93.3 - 93.7	73.9	73.4 - 74.5	81.5	80.8 - 82.1	86.5	86.2 - 86.7
Vermont	6	70.4	69.7 - 71.1	67.2	63.2 - 71.1	77.1	75.1 - 78.9	71.0	70.3 - 71.6
Virginia	78	89.5	89.3 - 89.7	57.6	57.0 - 58.2	93.5	93.2 - 93.9	84.7	84.5 - 84.9
Washington	53	84.0	83.8 - 84.2	75.9	75.3 - 76.4	80.2	79.6 - 80.9	82.3	82.1 - 82.4
West Virginia	28	93.2	92.9 - 93.4	76.3	75.3 - 77.3	95.9	95.4 - 96.3	91.7	91.4 - 91.9
Wisconsin	84	87.9	87.7 - 88.1	79.9	79.4 - 80.3	94.0	93.7 - 94.3	87.6	87.4 - 87.7
Wyoming	11	87.5	86.8 - 88.2	75.5	72.9 - 78.0	87.6	85.6 - 89.5	86.3	85.7 - 87.0
United States	3,611	83.4	83.4 - 83.4	67.6	67.5 - 67.7	85.5	85.4 - 85.6	81.3	81.3 - 81.3
Range	6 - 337	63.4 - 97.0	--	36.8 - 94.0	--	62.9 - 98.7	--	62.9 - 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 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.