

Pooled proportion of healthcare personnel reported as vaccinated in Hospitals reporting to NHSN, by personnel group and state, 2019-2020 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	61	90.2	90.0 - 90.4	75.5	74.8 - 76.2	94.5	94.1 - 94.9	88.8	88.6 - 89.0
Alaska	7	92.1	91.6 - 92.6	55.3	52.7 - 57.9	72.9	70.7 - 75.1	86.2	85.6 - 86.8
Arizona	33	85.8	85.5 - 86.1	78.1	77.2 - 78.9	91.7	91.0 - 92.3	85.5	85.2 - 85.7
Arkansas	42	92.9	92.7 - 93.2	83.9	83.1 - 84.7	89.2	88.6 - 89.8	91.3	91.1 - 91.5
California	256	87.4	87.3 - 87.5	78.6	78.4 - 78.9	85.7	85.5 - 86.0	85.9	85.8 - 86.0
Colorado	50	98.0	98.0 - 98.1	96.8	96.5 - 97.0	96.7	96.4 - 97.0	97.6	97.5 - 97.7
Connecticut	13	91.4	91.1 - 91.6	69.4	68.3 - 70.5	70.0	68.9 - 71.0	86.0	85.7 - 86.2
Delaware	7	94.0	93.7 - 94.3	80.2	78.4 - 81.9	96.6	96.1 - 97.0	93.6	93.4 - 93.9
D.C.	4	96.6	96.1 - 97.0	96.2	94.9 - 97.2	72.7	70.1 - 75.2	93.7	93.3 - 94.2
Florida	177	86.4	86.3 - 86.5	61.1	60.8 - 61.5	87.9	87.6 - 88.1	82.4	82.2 - 82.5
Georgia	65	91.7	91.5 - 91.9	76.6	75.9 - 77.3	94.8	94.5 - 95.2	90.2	90.0 - 90.3
Hawaii	15	86.1	85.6 - 86.6	72.4	70.9 - 73.9	84.3	83.1 - 85.6	84.1	83.7 - 84.6
Idaho	17	94.1	93.9 - 94.4	88.0	87.1 - 88.9	97.0	96.5 - 97.5	93.8	93.5 - 94.0
Illinois	103	96.3	96.2 - 96.3	74.3	73.8 - 74.7	90.0	89.6 - 90.3	92.6	92.5 - 92.7
Indiana	68	95.8	95.6 - 95.9	88.0	87.6 - 88.4	93.4	93.1 - 93.7	94.2	94.1 - 94.3
Iowa	22	94.7	94.5 - 95.0	87.8	86.5 - 89.1	92.1	91.4 - 92.7	93.9	93.7 - 94.2
Kansas	52	96.6	96.4 - 96.7	81.3	80.4 - 82.1	97.2	96.8 - 97.5	94.8	94.6 - 95.0
Kentucky	56	94.8	94.7 - 95.0	74.3	73.4 - 75.2	95.0	94.6 - 95.3	92.7	92.6 - 92.9
Louisiana	81	92.1	91.9 - 92.2	73.2	72.6 - 73.9	90.2	89.7 - 90.7	89.0	88.8 - 89.1
Maine	15	92.3	92.0 - 92.5	44.1	42.0 - 46.1	84.9	83.5 - 86.2	89.0	88.7 - 89.3
Maryland	36	97.3	97.2 - 97.4	95.6	95.3 - 95.9	96.0	95.7 - 96.3	96.9	96.8 - 97.0
Massachusetts	64	95.6	95.5 - 95.7	96.2	96.0 - 96.4	98.4	98.3 - 98.6	96.0	95.9 - 96.1
Michigan	74	93.6	93.5 - 93.7	81.2	80.7 - 81.7	94.8	94.5 - 95.0	92.4	92.3 - 92.5
Minnesota	22	86.4	86.1 - 86.7	69.5	68.2 - 70.7	78.2	77.2 - 79.2	84.2	84.0 - 84.5
Mississippi	49	88.0	87.7 - 88.3	69.7	68.4 - 71.0	97.2	96.8 - 97.5	87.8	87.6 - 88.1
Missouri	56	96.7	96.6 - 96.8	81.5	80.8 - 82.2	85.0	84.6 - 85.5	93.5	93.4 - 93.6
Montana	14	93.0	92.6 - 93.3	49.9	47.6 - 52.2	92.3	91.3 - 93.3	90.1	89.8 - 90.5
Nebraska	22	94.5	94.3 - 94.8	76.9	75.9 - 77.9	75.9	75.0 - 76.7	88.0	87.7 - 88.3
Nevada	23	88.9	88.6 - 89.3	53.1	52.1 - 54.2	96.4	95.9 - 96.8	83.5	83.2 - 83.8
New Hampshire	13	96.4	96.2 - 96.5	94.3	93.4 - 95.1	98.6	98.3 - 98.9	96.5	96.3 - 96.7
New Jersey	50	95.0	94.9 - 95.1	89.3	89.0 - 89.7	95.0	94.6 - 95.3	94.0	93.9 - 94.1
New Mexico	27	88.1	87.8 - 88.5	51.1	49.7 - 52.5	79.0	77.9 - 80.0	82.7	82.3 - 83.0
New York	143	88.6	88.5 - 88.7	79.9	79.6 - 80.3	89.5	89.2 - 89.7	88.0	87.9 - 88.0
North Carolina	81	97.1	97.0 - 97.1	91.5	91.2 - 91.8	93.1	92.8 - 93.4	95.9	95.8 - 96.0
North Dakota	4	92.6	92.0 - 93.1	76.6	72.7 - 80.2	96.5	95.7 - 97.3	92.5	92.0 - 93.0
Ohio	90	93.1	93.0 - 93.2	73.7	73.0 - 74.4	89.5	89.2 - 89.9	91.4	91.3 - 91.5
Oklahoma	75	95.2	95.0 - 95.4	91.5	91.0 - 91.9	96.3	96.0 - 96.6	94.8	94.7 - 95.0
Oregon	35	88.4	88.2 - 88.7	79.0	78.2 - 79.9	87.2	86.6 - 87.9	87.4	87.2 - 87.6
Pennsylvania	141	94.9	94.8 - 94.9	88.9	88.6 - 89.1	97.2	97.0 - 97.4	94.2	94.1 - 94.3
Rhode Island	10	91.0	90.7 - 91.4	96.9	96.5 - 97.3	98.5	98.2 - 98.8	93.2	92.9 - 93.4

South Carolina	60	93.5	93.3 - 93.7	77.5	76.7 - 78.4	74.0	73.2 - 74.8	89.9	89.7 - 90.0
South Dakota	14	97.9	97.7 - 98.1	92.4	91.1 - 93.5	98.5	98.0 - 98.9	97.4	97.2 - 97.6
Tennessee	78	93.4	93.2 - 93.5	84.6	84.0 - 85.1	96.6	96.3 - 96.9	92.6	92.5 - 92.7
Texas	263	93.8	93.8 - 93.9	77.5	77.2 - 77.7	92.2	92.0 - 92.4	90.3	90.2 - 90.4
Utah	38	96.2	96.0 - 96.4	87.2	86.7 - 87.7	87.9	87.3 - 88.5	93.1	92.9 - 93.2
Vermont	5	82.0	81.3 - 82.6	78.9	75.3 - 82.2	87.3	85.7 - 88.8	82.4	81.9 - 83.0
Virginia	62	94.9	94.8 - 95.1	74.9	74.3 - 75.5	95.1	94.8 - 95.5	91.9	91.7 - 92.0
Washington	37	94.1	94.0 - 94.3	89.0	88.6 - 89.4	90.8	90.3 - 91.4	92.9	92.7 - 93.0
West Virginia	27	97.3	97.1 - 97.4	64.3	63.2 - 65.3	95.5	95.0 - 95.9	93.2	93.0 - 93.4
Wisconsin	38	96.7	96.5 - 96.8	92.7	92.2 - 93.3	96.7	96.3 - 96.9	96.3	96.1 - 96.4
Wyoming	10	96.1	95.6 - 96.5	91.0	88.8 - 92.8	86.3	84.4 - 88.1	94.4	93.9 - 94.8
United States	2,805	92.4	92.3 - 92.4	80.0	79.9 - 80.1	90.8	90.8 - 90.9	90.5	90.5 - 90.5
Range	4 - 263	82.0- 98.0	--	44.1- 96.9	--	70.0- 98.6	--	82.4- 97.6	--

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.