

Data Collected Week Beginning November 14, 2021

State, Agency or Corporation	Breakthrough Cases	Breakthrough Hospitalizations	Breakthrough Deaths	Web Reference	Notes
CDC	10,162	30,270	10,857	https://www.cdc.gov/vaccines/covid-19/health-departments/breakthrough-cases.html	The CDC Stopped Reporting Vaccine Breakthrough Cases On April 30, 2021. The CDC Stopped Reporting Vaccine Breakthrough Hospitalizations & Deaths On October 30, 2021. A Vaccine Breakthrough Case Is Defined As A Case Where The Person Has Received All Experimental Inoculations In The Series, There Have Been At Least 14-Days Since The Last Inoculation In The Series, And There Is A Positive PCR Test With A Cycle Threshold Below 28. For Comparison, The Standard For A Confirmed Case Of Infection Is A PCR Test With A Cycle Threshold Below 40, Which Has Been Proven To Encourage False Positive Results For All Cycle Thresholds Above 28.
Kaiser	61,983	4,193	870	https://www.kff.org/policy-watch/covid-19-vaccine-breakthrough-cases-data-from-the-states/	Last Data Report - July 30, 2021. As Of July 30, 2021 Only 25 Of The 56 US States & Territories Were Reporting Any Data On Vaccine Breakthrough. AK, AZ, AR, CA, CO, DE, DC, ID, IL, IN, ME, MA, MI, MT, NE, NJ, NM, OK, OR, RI, TN, UT, VT, VA, WA
State Health Department Totals	1,446,807	56,324	16,111		As of November 14th, only 31 out of 51 US Health Departments are reporting at least partial data on COVID Vaccine Breakthrough.
Alabama	0	0	0		No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://www.alabamapublichealth.gov/covid19/index.html and there is no weekly or monthly report to reference.
Alaska	16,171	257	77	https://dhss.alaska.gov/dph/epi/id/siteassets/pages/HumanCoV/COVID_monthly_update.pdf	Last Data Report - September 2021.
Arizona	1,759		92	https://directorsblog.health.azdhs.gov/uptick-in-covid-19-cases-is-preventable-with-vaccination/	Last Data Report - July 14th. Vaccine Breakthrough is not published on https://azdhs.gov/covid19/data/index.php and there is no weekly or monthly report to reference. The information presented by Kaiser is unable to be verified.
Arkansas	0	0	0		No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://www.healthy.arkansas.gov/programs-services/topics/covid-19-reports and there is no weekly or monthly report to reference. The information presented by Kaiser is unable to be verified.
California	225,026	9,741	1,271	https://data.chhs.ca.gov/dataset/covid-19-post-vaccination-infection-data	Last Data Report - October 31, 2021.
Colorado	0	0	0	https://covid19.colorado.gov/vaccine-breakthrough	Colorado is publishing Case and Hospitalization Rates per 100K and Death Rates per 1M, but similar to the CDC, Colorado is not supplying the basic data necessary to analyze their published rates such as total breakthrough cases, hospitalizations, and deaths, which calls into question the accuracy and integrity of the data they are publishing.
Connecticut	242	32	3	https://portal.ct.gov/DPH/Press-Room/Press-Releases---2021/DPH-Releases-Data-on-Covid-19-Vaccine-Breakthrough-Cases-Highlighting-Vaccine-Effectiveness	Last Data Report - May 7, 2021. Connecticut is not actively publishing Vaccine Breakthrough data on https://portal.ct.gov/coronavirus .
Delaware	6234	114	87	https://news.delaware.gov/2021/11/12/covid-19-hospitalizations-and-deaths-decline-slight-uptick-in-positive-cases/	Last Data Report - November 12, 2021.
District of Columbia	36,134	138	15	https://coronavirus.dc.gov/data/vaccination	Last Data Report - November 8, 2021.
Florida	0	0	0		No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://floridahealthcovid19.gov/ and there is no weekly or monthly report to reference.
Georgia	71,250	3,198	1,178	https://dph.georgia.gov/covid-19-breakthrough-reports	Last Data Report - November 9, 2021.
Hawai'i	4,867	146	36	https://health.hawaii.gov/coronavirusdisease2019/files/2021/11/Hawaii-Breakthrough-Report-21.11.12.pdf	Last Data Report - September 30, 2021.
Idaho	9,433	323	142	https://coronavirus.idaho.gov/wp-content/uploads/2021/10/COVIBriefing15.pdf	Last Data Report - October 9, 2021. Idaho reports only from May 15 to October 9th.
Illinois	0	3,036	935	https://dph.illinois.gov/covid19/vaccine/vaccine-breakthrough.html	Last Data Report - November 10, 2021.
Indiana	62,396	1,304	659	https://www.coronavirus.in.gov/vaccine/2680.htm	Last Data Report - November 12, 2021.

Iowa	0	0	0		No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://coronavirus.iowa.gov/ and there is no weekly or monthly report to reference.
Kansas	0	0	0		No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://www.coronavirus.kdheks.gov/160/COVID-19-in-Kansas and there is no weekly or monthly report to reference.
Kentucky	0	0	0		No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://govstatus.egov.com/kycovid19 and there is no weekly or monthly report to reference.
Louisiana	0	0	0		No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://ldh.la.gov/Coronavirus/ and there is no weekly or monthly report to reference.
Maine	11,178	348	138	https://www.maine.gov/dhhs/mecdc/infectious-disease/epi/airborne/coronavirus/data.shtml	Last Data Report - November 12, 2021.
Maryland	32,500	2,348	332	https://coronavirus.maryland.gov/#Vaccine	Last Data Report - November 7, 2021. Since Jan 14.94% of all cases have been in the fully vaccinated.
Massachusetts	58,807	1,940	468	https://www.mass.gov/doc/weekly-report-covid-19-cases-in-vaccinated-individuals-november-9-2021/download	Last Data Report - November 6, 2021.
Michigan	68,629	1,961	793	https://www.michigan.gov/documents/coronavirus/2021102_Data_and_modeling_update_vFINAL_740237_7.pdf	Last Data Report - October 26, 2021.
Minnesota	64,844	2,956	483	https://www.health.state.mn.us/diseases/coronavirus/statistics/vbt.html	Last Data Report - October 3, 2021.
Mississippi	6,982	398	394	https://msdh.ms.gov/msdhsite/_static/14,23549,420,971.html	Last Data Report - November 11, 2021.
Missouri	0	0	0		No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus/data/public-health/ and there is no weekly or monthly report to reference.
Montana	3,610	248	54	https://dphhs.mt.gov/publichealth/cdepi/diseases/CoronavirusMT/MontanaBreakthroughreport_FINAL_9.24.21.pdf	Last Data Report - September 4, 2021.
Nebraska	15,842	329	122	https://dhhs.ne.gov/Pages/COVID-19-Weekly-Update.aspx	Last Data Report - November 10, 2021.
Nevada	0	0	0		No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://nvhealthresponse.nv.gov/ and there is no weekly or monthly report to reference.
New Hampshire	0	0	0		No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://www.covid19.nh.gov/ and there is no weekly or monthly report to reference.
New Jersey	1,319	92	14	https://www.nj.gov/health/news/2021/approved/20210609a.shtml	Last Data Report - June 9, 2021. No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://www.nj.gov/health/cd/statistics/covid/#1 and there is no weekly or monthly report to reference.
New Mexico	696	15	6	https://cv.nmhealth.org/wp-content/uploads/2021/06/FINAL-NM-COVID19-Day-449-Press-Update2021_06_02.pdf	Last Data Report - June 2, 2021. No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://cv.nmhealth.org/ and there is no weekly or monthly report to reference.
New York	137,380	9,044	0	https://coronavirus.health.ny.gov/covid-19-breakthrough-data	Last Data Report - November 8, 2021.
North Carolina	0	0	0		No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://covid19.ncdhhs.gov/ and there is no weekly or monthly report to reference.
North Dakota	11,766	478	122	https://www.health.nd.gov/diseases-conditions/coronavirus/north-dakota-coronavirus-cases	Last Data Report - November 12, 2021.
Ohio	0	1,941	510	https://coronavirus.ohio.gov/wps/portal/gov/covid-19/dashboards/covid-19-vaccine/breakthrough-dashboard/breakthrough-dashboard	Last Data Report - November 10, 2021.
Oklahoma	12,790	735	160	https://oklahoma.gov/covid19/newsroom/2021/october/oksdh-weekly-epidemiology-report--10-20-2021.html	Last Data Report - October 20, 2021. Vaccine Breakthrough Data Is Available But Has Been Modified To Only Include Hospitalization Data Over The Previous 30 Days.

Oregon	39,686	1,754	420	https://govstatus.egov.com/OR-OHA-COVID-19	Last Data Report - November 6, 2021. Oregon did not begin reporting on Vaccine Breakthrough until May 6, 2021.
Pennsylvania	69,822	3,247	518	https://www.health.pa.gov/topics/disease/coronavirus/Pages/Post-Vaccination-Data.aspx	Last Data Report - October 4, 2021.
Rhode Island	11,822	509	79	https://ri-department-of-health-covid-19-breakthrough-cases-rihealth.hub.arcgis.com/	Last Data Report - November 6, 2021.
South Carolina	18,498	1,469	471	https://scdhec.gov/covid19/covid-19-data/breakthrough-cases-tracking-disease-infection-after-vaccination	Last Data Report - November 9, 2021.
South Dakota	804	79	14	https://doh.sd.gov/documents/COVID19/08-12-21_HealthcareCall_Slides.pdf	Last Data Report - August 11, 2021.
Tennessee	67,621	1,625	649	https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/CriticalIndicatorReport.pdf	Last Data Report - November 12, 2021.
Texas	231,053	1,625	4,142	https://dshs.texas.gov/immunize/covid19/data/Cases-and-Deaths-by-Vaccination-Status-11082021.pdf	Last Data Report - October 1, 2021.
Utah	0	0	0		No Vaccine Breakthrough Data Is Available. Vaccine Breakthrough is not published on https://coronavirus.utah.gov/ and there is no weekly or monthly report to reference.
Vermont	6,011	163	72	https://www.healthvermont.gov/covid-19/current-activity/data-summary	Last Data Report - November 3, 2021.
Virginia	53,733	1,896	698	https://www.vdh.virginia.gov/coronavirus/see-the-numbers/covid-19-in-virginia/covid-19-cases-by-vaccination-status/	Last Data Report - November 6, 2021.
Washington	69,026	2,835	676	https://www.doh.wa.gov/Portals/1/Documents/1600/coronavirus/data-tables/420-339-VaccineBreakthroughReport.pdf	Last Data Report - November 12, 2021. WA reports that no hospital information was available for 35,007 of the reported breakthrough cases.
West Virginia	18,876	0	281	https://dhhr.wv.gov/COVID-19/Pages/default.aspx	Last Data Report - November 12, 2021.
Wisconsin	0	0	0	https://www.dhs.wisconsin.gov/covid-19/vaccine-status.htm#menu	Wisconsin is publishing Case, Hospitalization, and Death Rates per 100K, 1M, but similar to the CDC, Wisconsin is not supplying the basic data necessary to analyze their published rates such as total breakthrough cases, hospitalizations, and deaths, which calls into question the accuracy and integrity of the data they are publishing.
Wyoming	0	0	0	https://sites.google.com/wyo.gov/covid-19/home	The page for case breakthrough data has been removed.