

# Vaccine Breakthrough Data (aka Vaccine Efficacy Failure Data)

Updated On January 25, 2021 - Notes & Citations Provided  
 States in Red Are Not Updating Vaccine Breakthrough Data Monthly Or Not Publishing Data

	Breakthrough Cases			1 Month Increase	Breakthrough Hospitalizations			1 Month Increase	Breakthrough Deaths			1 Month Increase	Notes	Citations
	Nov '21	Dec '21	Jan '22		Nov '21	Dec '21	Jan '22		Nov '21	Dec '21	Jan '22			
<b>NATIONWIDE</b>	<b>1,446,807</b>	<b>2,586,927</b>	<b>6,093,730</b>	<b>135.6%</b>	<b>56,324</b>	<b>90,119</b>	<b>138,915</b>	<b>54.1%</b>	<b>16,111</b>	<b>24,903</b>	<b>32,032</b>	<b>28.6%</b>	As of Jan 25, 2022 only 28 out of 51 US Health Departments are updating data on a monthly basis. <b>California &amp; New York each added over 700,000 breakthrough cases to their totals in 1 month.</b> Texas, Florida, Ohio, New Jersey, Arizona, Louisiana are not reporting. Michigan stopped reporting breakthrough data altogether. Texas, Colorado & Wisconsin are publishing data, but not cumulative totals, so their data rates cannot be verified.	See Below

By State	Breakthrough Cases			1 Month Increase	Breakthrough Hospitalizations			1 Month Increase	Breakthrough Deaths			1 Month Increase	Notes	Citations
	Nov '21	Dec '21	Jan '22		Nov '21	Dec '21	Jan '22		Nov '21	Dec '21	Jan '22			
Alabama		190	190			0	0		0	0	0		<a href="https://www.alabamapublichealth.gov/covid19/vaccine/assets/cov-update-041921.pdf">https://www.alabamapublichealth.gov/covid19/vaccine/assets/cov-update-041921.pdf</a>	
Alaska	16,171	16,171	16,171		257	257	257		77	77	77		<a href="https://dhss.alaska.gov/dph/epi/id/siteassets/pages/HumanCoV/COVID_monthly_update.pdf">https://dhss.alaska.gov/dph/epi/id/siteassets/pages/HumanCoV/COVID_monthly_update.pdf</a>	
Arizona	1,759	1,759	1,759						92	92	92		<a href="https://directorsblog.health.azdhs.gov/uptick-in-covid-19-cases-is-preventable-with-vaccination/">https://directorsblog.health.azdhs.gov/uptick-in-covid-19-cases-is-preventable-with-vaccination/</a>	
Arkansas									0				<a href="https://www.health.arkansas.gov/programs-services/topics/covid-19-reports-and-there-is-no-weekly-or-monthly-report-to-reference">https://www.health.arkansas.gov/programs-services/topics/covid-19-reports-and-there-is-no-weekly-or-monthly-report-to-reference</a>	
California	225,026	282,434	984,649	248.6%	9,741	12,215	17,499	43.3%	1,271	1,772	2,239	26.4%	<a href="https://data.chhs.ca.gov/dataset/covid-19-post-vaccination-infection-data">https://data.chhs.ca.gov/dataset/covid-19-post-vaccination-infection-data</a>	
Colorado									0				<a href="https://covid19.colorado.gov/vaccine-breakthrough">https://covid19.colorado.gov/vaccine-breakthrough</a>	
Connecticut	242	43,337	115,021	165.4%	32	32	32		3	256	355	38.7%	<a href="https://portal.ct.gov/-/media/Coronavirus/CTDPHCOVID19summary01132022.pdf">https://portal.ct.gov/-/media/Coronavirus/CTDPHCOVID19summary01132022.pdf</a>	
Delaware	6,234	8,971	16,469	83.6%	114	142	197	38.7%	87	111	176	58.6%	<a href="https://news.delaware.gov/2022/01/21/weekly-covid-19-update-jan-21-2022-dph-reports-promising-covid-19-data-trends/">https://news.delaware.gov/2022/01/21/weekly-covid-19-update-jan-21-2022-dph-reports-promising-covid-19-data-trends/</a>	
D.C.	36,134	48,344	97,782	102.3%	138	2,798	4,602	64.5%	15	250	305	22.0%	<a href="https://coronavirus.dc.gov/data/vaccination">https://coronavirus.dc.gov/data/vaccination</a>	
Florida									0				<a href="https://floridhealthcovid19.gov/">https://floridhealthcovid19.gov/</a>	
Georgia	71,250	90,687	279,034	207.7%	3,198	4,014	6,704	67.0%	1,178	1,462	1,416	-3.1%	<a href="https://breakthroughreports.s3.amazonaws.com/Breakthrough+Report_220118.html#summary">https://breakthroughreports.s3.amazonaws.com/Breakthrough+Report_220118.html#summary</a>	
Hawai'i	4,867	4,867	4,867		146	146	146		36	36	36		<a href="https://health.hawaii.gov/coronavirusdisease2019/files/2021/11/Hawaii-Breakthrough-Report-21-11-22.pdf">https://health.hawaii.gov/coronavirusdisease2019/files/2021/11/Hawaii-Breakthrough-Report-21-11-22.pdf</a>	
Idaho	9,433	9,433	9,433		323	323	323		142	142	142		<a href="https://coronavirus.idaho.gov/wp-content/uploads/2021/10/COVIDBriefing15.pdf">https://coronavirus.idaho.gov/wp-content/uploads/2021/10/COVIDBriefing15.pdf</a>	
Illinois					3,036	5,299	6,466		935	1,429	2,165		<a href="https://dph.illinois.gov/covid19/vaccine-breakthrough.html">https://dph.illinois.gov/covid19/vaccine-breakthrough.html</a>	
Indiana	62,396	94,046	218,793	132.6%	1,304	1,853	2,776	49.8%	659	980	1,367	39.5%	<a href="https://www.coronavirus.in.gov/vaccine/2680.htm">https://www.coronavirus.in.gov/vaccine/2680.htm</a>	
Iowa									0				<a href="https://coronavirus.iowa.gov/">https://coronavirus.iowa.gov/</a>	
Kansas									0				<a href="https://www.coronavirus.kdheks.gov/160/COVID-19-in-Kansas-and-there-is-no-weekly-or-monthly-report-to-reference">https://www.coronavirus.kdheks.gov/160/COVID-19-in-Kansas-and-there-is-no-weekly-or-monthly-report-to-reference</a>	
Kentucky		71,840	132,524	84.5%		1,900	2,161	13.7%	0	813	871	7.1%	<a href="https://govstatus.egov.com/ky-covid-data-dashboard">https://govstatus.egov.com/ky-covid-data-dashboard</a>	
Louisiana									0				<a href="https://ldh.la.gov/Coronavirus/">https://ldh.la.gov/Coronavirus/</a>	
Maine	11,178	20,909	33,261	59.1%	348	489	615	25.8%	138	225	277	23.1%	<a href="https://www.maine.gov/dhhs/mecdc/infectious-disease/epi/airborne/coronavirus/data.shtml">https://www.maine.gov/dhhs/mecdc/infectious-disease/epi/airborne/coronavirus/data.shtml</a>	
Maryland	32,500	41,539	207,706	400.0%	2,348	2,899	7,347	153.4%	332	419	862	105.7%	<a href="https://coronavirus.maryland.gov/#vaccine">https://coronavirus.maryland.gov/#vaccine</a>	
Massachusetts	58,807	114,318	394,602	245.2%	1,940	3,186	5,885	84.7%	468	784	1,499	91.2%	<a href="https://www.mass.gov/doc/weekly-report-covid-19-cases-in-vaccinated-individuals-january-25-2022/download">https://www.mass.gov/doc/weekly-report-covid-19-cases-in-vaccinated-individuals-january-25-2022/download</a>	
Michigan	68,629	124,733	124,733		1,961	2,395	2,395		793	1,483	1,483		<a href="https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173_105123---,00.html">https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173_105123---,00.html</a>	
Minnesota	64,844	125,076	234,110	87.2%	2,956	5,026	6,993	39.1%	483	938	1,304	39.0%	<a href="https://www.health.state.mn.us/diseases/coronavirus/stats/vbt.html">https://www.health.state.mn.us/diseases/coronavirus/stats/vbt.html</a>	
Mississippi	6,982	8,426	8,426		398	464	464		394	458	458		<a href="https://msdh.ms.gov/msdhsite/static/14,0,420.html">https://msdh.ms.gov/msdhsite/static/14,0,420.html</a>	
Missouri		79,795	223,561	180.2%					0	822	1,058	28.7%	<a href="https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus/data/public-health/health-metrics/breakthrough-cases.php#">https://health.mo.gov/living/healthcondiseases/communicable/novel-coronavirus/data/public-health/health-metrics/breakthrough-cases.php#</a>	

Montana	3,610	3,610	3,610		248	248	248		54	54	54		Last Data Report - September 4, 2021.	<a href="https://dphhs.mt.gov/publichealth/cdepi/diseases/CoronavirusMT/MontanaBreakthroughreport_FINAL_9.2.4.21.pdf">https://dphhs.mt.gov/publichealth/cdepi/diseases/CoronavirusMT/MontanaBreakthroughreport_FINAL_9.2.4.21.pdf</a>
Nebraska	15,842	24,646	33,051	34.1%	329	555	717	29.2%	122	209	288	37.8%	Last Data Report - December 25, 2021.	<a href="https://dhhs.ne.gov/Pages/COVID-19-Weekly-Update.aspx">https://dhhs.ne.gov/Pages/COVID-19-Weekly-Update.aspx</a>
Nevada		16,739	50,443	201.4%		830	919	10.7%	0	246	282	14.6%	No Vaccine Breakthrough Data is Available at the State Level. Vaccine Breakthrough is not published on <a href="https://nvhealthresponse.nv.gov/">https://nvhealthresponse.nv.gov/</a> and there is no weekly or monthly report to reference. But we were able to find breakthrough data for Clark County, NV on Jan 20, 2022.	<a href="https://covid.southernnevadahealthdistrict.org/cases/breakthrough/">https://covid.southernnevadahealthdistrict.org/cases/breakthrough/</a>
New Hampshire		2,441	2,441			47	47		0	40	40		No Vaccine Breakthrough Data is Available. Vaccine Breakthrough is not published on <a href="https://www.covid19.nh.gov/">https://www.covid19.nh.gov/</a> and there is no weekly or monthly report to reference. The only reference I could find was from indepthnh.org the last update was for October 20, 2021.	<a href="http://indepthnh.org/2021/10/29/state-vaccine-breakthrough-data-unavailable-until-case-back-log-addressed/">http://indepthnh.org/2021/10/29/state-vaccine-breakthrough-data-unavailable-until-case-back-log-addressed/</a>
New Jersey	1,319	65,521	65,521		92	1,061	1,061		14	339	339		Last Data Report - November 29, 2021. No Vaccine Breakthrough Data is Available. Vaccine Breakthrough is not published on <a href="https://www.nj.gov/health/cd/statistics/covid/#1">https://www.nj.gov/health/cd/statistics/covid/#1</a> and there is no weekly or monthly report to reference.	<a href="https://www.shorenewsnetwork.com/2021/12/08/61500-fully-vaccinated-new-jerseyans-have-now-been-infected-with-covid-19-43000-since-september/">https://www.shorenewsnetwork.com/2021/12/08/61500-fully-vaccinated-new-jerseyans-have-now-been-infected-with-covid-19-43000-since-september/</a>
New Mexico	696	696	696		15	15	15		6	6	6		Last Data Report - June 2, 2021. No Vaccine Breakthrough Data is Available. Vaccine Breakthrough is not published on <a href="https://cv.nmhealth.org/">https://cv.nmhealth.org/</a> and there is no weekly or monthly report to reference.	<a href="https://cv.nmhealth.org/wp-content/uploads/2021/06/FINAL_NM_COVID19-Daily-Press-Update2021_06_02.pdf">https://cv.nmhealth.org/wp-content/uploads/2021/06/FINAL_NM_COVID19-Daily-Press-Update2021_06_02.pdf</a>
New York	137,380	291,880	1,023,704	250.7%	9,044	14,383	30,005	108.6%					Last Data Report - January 17, 2022.	<a href="https://coronavirus.health.ny.gov/covid-19-breakthrough-data">https://coronavirus.health.ny.gov/covid-19-breakthrough-data</a>
North Carolina	0	118,932	261,364	119.8%		264	1,086	311.4%			1,188		Last Data Report - January 8, 2022. Vaccine Breakthrough is published on a very limited basis. Hospitalizations are only published weekly and not cumulative.	<a href="https://covid19.ncdhhs.gov/media/380/open">https://covid19.ncdhhs.gov/media/380/open</a>
North Dakota	11,766	16,457	42,214	156.5%	478	633	892	40.9%	122	175	212	21.1%	Last Data Report - January 24, 2022. ND is reporting Boosted Breakthrough cases, hospitalizations, and deaths as well.	<a href="https://www.health.nd.gov/diseases-conditions/coronavirus/north-dakota-coronavirus-cases">https://www.health.nd.gov/diseases-conditions/coronavirus/north-dakota-coronavirus-cases</a>
Ohio					1,941	2,786	3,372		510	664	804		Last Data Report - January 19, 2022.	<a href="https://coronavirus.ohio.gov/wps/portal/gov/covid-19/dashboards/covid-19-vaccine/breakthrough-dashboard/breakthrough-dashboard">https://coronavirus.ohio.gov/wps/portal/gov/covid-19/dashboards/covid-19-vaccine/breakthrough-dashboard/breakthrough-dashboard</a>
Oklahoma	12,790	12,790	12,790		735	735	735		160	160	160		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. No longer reporting on breakthrough.	<a href="https://oklahoma.gov/covid19/newsroom/2021/october/2021-weekly-epidemiology-report-10-20-2021.html">https://oklahoma.gov/covid19/newsroom/2021/october/2021-weekly-epidemiology-report-10-20-2021.html</a>
Oregon	39,686	50,882	88,293	73.5%	1,754	2,081	2,819	35.5%	420	498	718	44.2%	Last Data Report - January 15, 2022. Oregon did not begin reporting on Vaccine Breakthrough until May 6, 2021.	<a href="https://govstatus.epow.com/OR-OHA-COVID-19">https://govstatus.epow.com/OR-OHA-COVID-19</a>
Pennsylvania	69,822	168,594	313,468	85.9%	3,247	8,235	11,540	40.1%	518	1,612	2,306	43.1%	Last Data Report - January 4, 2022.	<a href="https://www.health.pa.gov/topics/disease/coronavirus/Pages/Post-Vaccination-Data.aspx">https://www.health.pa.gov/topics/disease/coronavirus/Pages/Post-Vaccination-Data.aspx</a>
Rhode Island	11,822	24,192	78,354	223.9%	509	857	1,588	85.3%	79	132	206	56.1%	Last Data Report - January 15, 2022.	<a href="https://ri-department-of-health-covid-19-breakthrough-cases-rihealth.hub.arcgis.com/">https://ri-department-of-health-covid-19-breakthrough-cases-rihealth.hub.arcgis.com/</a>
South Carolina	18,498	23,866	40,171	68.3%	1,469	1,596	2,291	43.5%	471	532	630	18.4%	Last Data Report - January 21, 2022.	<a href="https://scdhcc.gov/covid19/covid-19-data/breakthrough-cases-tracking-disease-infection-after-vaccination">https://scdhcc.gov/covid19/covid-19-data/breakthrough-cases-tracking-disease-infection-after-vaccination</a>
South Dakota	804	1,718	1,718		79	141	141		14	18	18		Last Data Report - September 9, 2021.	<a href="https://doh.sd.gov/documents/COVID19/08-12-21_HealthcareCall_Slides.pdf">https://doh.sd.gov/documents/COVID19/08-12-21_HealthcareCall_Slides.pdf</a>
Tennessee	67,621	87,713	213,264	143.1%	1,625	2,010	2,629	30.8%	649	878	1,369	55.9%	Last Data Report - January 15, 2022.	<a href="https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/CriticalIndicatorReport.pdf">https://www.tn.gov/content/dam/tn/health/documents/cedep/novel-coronavirus/CriticalIndicatorReport.pdf</a>
Texas	231,053	231,053	231,053		1,625	1,625	1,625		4,142	4,142	4,142		Last Data Report - October 1, 2021.	<a href="https://dshs.texas.gov/immunize/covid19/data/Cases-and-Deaths-by-Vaccination-Status-11082021.pdf">https://dshs.texas.gov/immunize/covid19/data/Cases-and-Deaths-by-Vaccination-Status-11082021.pdf</a>
Utah		60,349	152,779	153.2%		2,442	3,596	47.3%		347	438	26.2%	Last Data Report - January 25, 2022.	<a href="https://coronavirus.utah.gov/case-counts/">https://coronavirus.utah.gov/case-counts/</a>
Vermont	6,011	11,379	29,993	163.6%	163	278	377	35.6%	72	103	132	28.2%	Last Data Report - January 20, 2022.	<a href="https://www.healthvermont.gov/covid-19/current-activity/data-summary">https://www.healthvermont.gov/covid-19/current-activity/data-summary</a>
Virginia	53,733	72,332	124,042	71.5%	1,896	2,398	3,481	45.2%	698	919	1,046	13.8%	Last Data Report - January 15, 2022.	<a href="https://www.vdh.virginia.gov/coronavirus/see-the-numbers/covid-19-in-virginia/covid-19-cases-by-vaccination-status/">https://www.vdh.virginia.gov/coronavirus/see-the-numbers/covid-19-in-virginia/covid-19-cases-by-vaccination-status/</a>
Washington	69,026	86,237	162,307	88.2%	2,835	3,461	4,869	40.7%	676	851	969	13.9%	Last Data Report - January 8, 2022. WA reports that no hospital information was available for 35,007 of the reported breakthrough cases.	<a href="https://www.doh.wa.gov/Portals/1/Documents/1600/coronavirus/data-tables/420-339-VaccineBreakthroughReport.pdf">https://www.doh.wa.gov/Portals/1/Documents/1600/coronavirus/data-tables/420-339-VaccineBreakthroughReport.pdf</a>
West Virginia	18,876	28,025	59,363	111.8%					281	429	503	17.2%	Last Data Report - January 24, 2022.	<a href="https://dohr.wv.gov/COVID-19/Pages/default.aspx">https://dohr.wv.gov/COVID-19/Pages/default.aspx</a>
Wisconsin													Wisconsin is publishing Case, Hospitalization, and Death Rates per 100K, 1M, but similar to the CDC and Colorado. 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.	<a href="https://www.dhs.wisconsin.gov/covid-19/vaccine-status.htm#menu">https://www.dhs.wisconsin.gov/covid-19/vaccine-status.htm#menu</a>
Wyoming													The page for case breakthrough data has been removed.	<a href="https://sites.google.com/vwv.gov/covid-19/home">https://sites.google.com/vwv.gov/covid-19/home</a>
Compared With Last CDC Update & Kaiser Permanente Study														
CDC	10,162	10,162	10,162		30,270	30,270	30,270		10,857	10,857	10,857		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.	<a href="https://www.cdc.gov/vaccines/covid-19/health-departments/breakthrough-cases.html">https://www.cdc.gov/vaccines/covid-19/health-departments/breakthrough-cases.html</a>
Kaiser	61,983	61,983	61,983		4,193	4,193	4,193		870	870	870		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	<a href="https://www.kff.org/policy-watch/covid-19-vaccine-breakthrough-cases-data-from-the-states/">https://www.kff.org/policy-watch/covid-19-vaccine-breakthrough-cases-data-from-the-states/</a>