

VAERS DATA: COVID-19 VACCINE MANUFACTURER COMPARISON ANALYSIS FOR BLOOD CLOTS, GUILLAIN-BARRE, AND TOTAL ADVERSE EVENTS REPORTED IN THE U.S.

All Covid-19 Vaccine-Associated U.S. Events Compared With U.S. Events Citing The Following Symptoms: Thrombosis, Thrombocytopenia, Thrombolytic, Thrombotic, Thrombus, Thrombophlebitis, Embolism, Carditis, Myocarditis, Pericarditis, Guillain-Barre - Through 9/3/2021

Report Run Date: 9/12/2021 (data captured through 9/3/2021)



	Vaccine Manufacturer	PFIZER\BIONTECH	MODERNA	JANSSEN	UNKNOWN MANUFACTURER	TOTAL INSTANCES ¹	TOTAL EVENTS ¹
	Proportion of Vaccines Administered to U.S. Residents	54.4%	37.4%	8.1%	0.06%		
All Adverse Events	Manufacturer Reported Deaths	3,461	3,259	667	29	7,416	6,577
	Manufacturer Adverse Events - Recovered	230,028	269,640	49,460	1,182	550,310	532,896
	Total Manufacturer Adverse Events Reported	233,489	272,899	50,127	1,211	557,726	539,473
	% Deaths (Deaths / Adverse Events)	1.5%	1.2%	1.3%	2.4%	1.3%	1.2%
	% Total Deaths Attributed to Manufacturer	46.7%	43.9%	9.0%	0.4%		
	% Total Adverse Events Attributed to Manufacturer	41.9%	48.9%	9.0%	0.2%		
	Manufacturer Overall Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	7.8%	-6.5%	-0.9%	-0.3%		
	Manufacturer Overall Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	12.6%	-11.5%	-0.9%	-0.2%		
Blood Clots	Manufacturer Blood Clot Deaths	199	174	102	4	479	422
	Manufacturer Blood Clot Events - Recovered	3,599	3,026	1,774	46	8,445	7,745
	Total Manufacturer Blood Clot Events Reported	3,798	3,200	1,876	50	8,924	8,167
	% Blood Clot Deaths (Deaths / Adverse Events)	5.2%	5.4%	5.4%	8.0%	5.4%	5.2%
	% Total Blood Clot Deaths Attributed to Manufacturer	41.5%	36.3%	21.3%	0.8%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	42.6%	35.9%	21.0%	0.6%		
	Manufacturer Blood Clot Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	12.9%	1.1%	-13.2%	-0.8%		
	Manufacturer Blood Clot Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.9%	1.5%	-12.9%	-0.5%		
Guillain - Barre	Manufacturer Guillain-Barre Deaths	5	2	1	-	8	8
	Manufacturer Guillain-Barre Events - Recovered	244	209	151	7	611	562
	Total Manufacturer Guillain-Barre Events Reported	249	211	152	7	619	570
	% Guillain-Barre Deaths (Deaths / Adverse Events)	2.0%	0.9%	0.7%	0.0%	1.3%	1.4%
	% Total Guillain-Barre Deaths Attributed to Manufacturer	62.5%	25.0%	12.5%	0.0%		
	% Total Guillain-Barre Adverse Events Attributed to Manufacturer	40.2%	34.1%	24.6%	1.1%		
	Manufacturer Guillain-Barre Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	-8.1%	12.4%	-4.4%	0.1%		
	Manufacturer Guillain-Barre Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	14.2%	3.3%	-16.5%	-1.1%		
Carditis	Manufacturer Carditis Deaths	20	13	6	1	40	36
	Manufacturer Carditis Events - Recovered	1,668	867	91	8	2,634	2,403
	Total Manufacturer Carditis Events Reported	1,688	880	97	9	2,674	2,439
	% Carditis Deaths (Deaths / Adverse Events)	1.2%	1.5%	6.2%	11.1%	1.5%	1.5%
	% Total Carditis Deaths Attributed to Manufacturer	50.0%	32.5%	15.0%	2.5%		
	% Total Carditis Adverse Events Attributed to Manufacturer	63.1%	32.9%	3.6%	0.3%		
	Manufacturer Carditis Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	4.4%	4.9%	-6.9%	-2.4%		
	Manufacturer Carditis Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	-8.7%	4.5%	4.5%	-0.3%		

Sources: <https://wonder.cdc.gov/vaers.html>
<https://covid.cdc.gov/covid-data-tracker/#vaccinations>

NOTE 1: There are 539,473 distinct U.S. adverse events following Covid-19 vaccinations, including 570 distinct U.S. Guillain-Barre events, 8,167 distinct U.S. blood clot events, and 2,439 distinct U.S. carditis events reported to VAERS through 9/3/2021. Numerous patients met multiple criteria; therefore there are 557,726 total reported medical diagnoses following Covid-19 vaccinations, which include 8,924 instances of blood clots, 619 instances of Guillain-Barre, and 2,674 instances of carditis meeting the report criteria outlined above. But each value displayed on this report includes only distinct patient records (no duplicates) and percentages are calculated as a percent of total patient reports received. For instance, if a patient received a first dose of Pfizer vaccine and a second dose of Moderna vaccine, that patient's record would populate two instances in two categories.

NOTE 2: The "Index" values displayed in this report represent the proportion of fully vaccinated U.S. residents who received that manufacturer's vaccine, less the proportion of reported adverse events attributed to recipients of that manufacturer's product. For instance, to date, 8.1% of fully vaccinated U.S. residents received the Janssen vaccine. As of 9/3/2021, 9.0% of Covid-19 vaccine-associated deaths reported to VAERS were patients who received Janssen vaccines. So the Overall Mortality Index for the Janssen vaccine is 8.1% - 9.0% = -.9%. The Overall Safety Index for the Janssen vaccine is the proportion of fully vaccinated U.S. residents who got the Janssen vaccine less the proportion of ALL adverse events reported for recipients of the Janssen vaccine, or 8.1% - 9.0% = -.9%. (Figures are rounded for display; this note may display rounding errors.)