

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 10/22/2021

Report Run Date: 11/3/2021 (data captured through 10/22/2021)



	Vaccine Manufacturer	PFIZER\BIONTECH	MODERNA	JANSSEN	UNKNOWN MANUFACTURER	TOTAL INSTANCES ¹	TOTAL EVENTS ¹
	<i>Proportion of Vaccines Administered to U.S. Residents</i>	55.4%	36.6%	8.0%	0.06%		
All Adverse Events	Manufacturer Reported Deaths	4,441	3,907	904	37	9,289	8,068
	Manufacturer Adverse Events - Recovered	283,905	296,437	56,117	1,402	637,861	614,675
	Total Manufacturer Adverse Events Reported	288,346	300,344	57,021	1,439	647,150	622,743
	% Deaths (Deaths / Adverse Events)	1.5%	1.3%	1.6%	2.6%	1.4%	1.3%
	% Total Deaths Attributed to Manufacturer	47.8%	42.1%	9.7%	0.4%		
	% Total Adverse Events Attributed to Manufacturer	44.6%	46.4%	8.8%	0.2%		
	Manufacturer Overall Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	7.6%	-5.5%	-1.8%	-0.3%		
	Manufacturer Overall Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	10.8%	-9.8%	-0.8%	-0.2%		
Blood Clots	Manufacturer Blood Clot Deaths	259	208	140	4	611	529
	Manufacturer Blood Clot Events - Recovered	4,257	3,484	1,964	51	9,756	8,921
	Total Manufacturer Blood Clot Events Reported	4,516	3,692	2,104	55	10,367	9,450
	% Blood Clot Deaths (Deaths / Adverse Events)	5.7%	5.6%	6.7%	7.3%	5.9%	5.6%
	% Total Blood Clot Deaths Attributed to Manufacturer	42.4%	34.0%	22.9%	0.7%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	43.6%	35.6%	20.3%	0.5%		
	Manufacturer Blood Clot Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	13.0%	2.5%	-14.9%	-0.6%		
	Manufacturer Blood Clot Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.8%	1.0%	-12.3%	-0.5%		
Guillain - Barre	Manufacturer Guillain-Barre Deaths	5	4	2	-	11	10
	Manufacturer Guillain-Barre Events - Recovered	304	234	188	8	734	675
	Total Manufacturer Guillain-Barre Events Reported	309	238	190	8	745	685
	% Guillain-Barre Deaths (Deaths / Adverse Events)	1.6%	1.7%	1.1%	0.0%	1.5%	1.5%
	% Total Guillain-Barre Deaths Attributed to Manufacturer	45.5%	36.4%	18.2%	0.0%		
	% Total Guillain-Barre Adverse Events Attributed to Manufacturer	41.5%	31.9%	25.5%	1.1%		
	Manufacturer Guillain-Barre Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	9.9%	0.2%	-10.2%	0.1%		
	Manufacturer Guillain-Barre Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	13.9%	4.6%	-17.5%	-1.0%		
Carditis	Manufacturer Carditis Deaths	28	17	7	1	53	47
	Manufacturer Carditis Events - Recovered	2,084	1,100	119	10	3,313	3,022
	Total Manufacturer Carditis Events Reported	2,112	1,117	126	11	3,366	3,069
	% Carditis Deaths (Deaths / Adverse Events)	1.3%	1.5%	5.6%	9.1%	1.6%	1.5%
	% Total Carditis Deaths Attributed to Manufacturer	52.8%	32.1%	13.2%	1.9%		
	% Total Carditis Adverse Events Attributed to Manufacturer	62.7%	33.2%	3.7%	0.3%		
	Manufacturer Carditis Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	2.6%	4.5%	-5.2%	-1.8%		
	Manufacturer Carditis Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	-7.4%	3.4%	4.2%	-0.3%		

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

NOTE 1: There are 622,743 distinct U.S. adverse events following Covid-19 vaccinations, including 685 distinct U.S. Guillain-Barre events, 9,450 distinct U.S. blood clot events, and 3,069 distinct U.S. carditis events reported to VAERS through 10/22/2021. Numerous patients met multiple criteria; therefore there are 647,150 total reported medical diagnoses following Covid-19 vaccinations, which include 10,367 instances of blood clots, 745 instances of Guillain-Barre, and 3,366 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, 8.0% of fully vaccinated U.S. residents received the Janssen vaccine. As of 10/22/2021, 9.7% 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 8.0% - 9.7% = -1.8%. 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 8.0% - 8.8% = -.8%. (Figures are rounded for display; this note may display rounding errors.)