

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 8/13/2021

Report Run Date: 8/23/2021 (data captured through 8/13/2021)



	Vaccine Manufacturer	PFIZER\BIONTECH	MODERNA	JANSSEN	UNKNOWN MANUFACTURER	TOTAL INSTANCES ¹	TOTAL EVENTS ¹
	Proportion of Vaccines Administered to U.S. Residents	53.9%	37.9%	8.2%	0.06%		
All Adverse Events	Manufacturer Reported Deaths	3,079	3,016	595	28	6,718	6,018
	Manufacturer Adverse Events - Recovered	217,567	208,781	46,883	1,045	474,276	458,751
	Total Manufacturer Adverse Events Reported	220,646	211,797	47,478	1,073	480,994	464,769
	% Deaths (Deaths / Adverse Events)	1.4%	1.4%	1.3%	2.6%	1.4%	1.3%
	% Total Deaths Attributed to Manufacturer	45.8%	44.9%	8.9%	0.4%		
	% Total Adverse Events Attributed to Manufacturer	45.9%	44.0%	9.9%	0.2%		
	Manufacturer Overall Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	8.1%	-7.0%	-0.7%	-0.4%		
	Manufacturer Overall Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	8.0%	-6.1%	-1.7%	-0.2%		
Blood Clots	Manufacturer Blood Clot Deaths	184	157	92	4	437	385
	Manufacturer Blood Clot Events - Recovered	3,353	2,779	1,671	44	7,847	7,209
	Total Manufacturer Blood Clot Events Reported	3,537	2,936	1,763	48	8,284	7,594
	% Blood Clot Deaths (Deaths / Adverse Events)	5.2%	5.3%	5.2%	8.3%	5.3%	5.1%
	% Total Blood Clot Deaths Attributed to Manufacturer	42.1%	35.9%	21.1%	0.9%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	42.7%	35.4%	21.3%	0.6%		
	Manufacturer Blood Clot Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	11.8%	2.0%	-12.9%	-0.9%		
	Manufacturer Blood Clot Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.2%	2.5%	-13.1%	-0.5%		
Guillain - Barre	Manufacturer Guillain-Barre Deaths	6	2	1	-	9	9
	Manufacturer Guillain-Barre Events - Recovered	223	195	130	7	555	513
	Total Manufacturer Guillain-Barre Events Reported	229	197	131	7	564	522
	% Guillain-Barre Deaths (Deaths / Adverse Events)	2.6%	1.0%	0.8%	0.0%	1.6%	1.7%
	% Total Guillain-Barre Deaths Attributed to Manufacturer	66.7%	22.2%	11.1%	0.0%		
	% Total Guillain-Barre Adverse Events Attributed to Manufacturer	40.6%	34.9%	23.2%	1.2%		
	Manufacturer Guillain-Barre Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	-12.8%	15.7%	-2.9%	0.1%		
	Manufacturer Guillain-Barre Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	13.3%	3.0%	-15.1%	-1.2%		
Carditis	Manufacturer Carditis Deaths	13	12	4	1	30	26
	Manufacturer Carditis Events - Recovered	1,495	781	79	6	2,361	2,158
	Total Manufacturer Carditis Events Reported	1,508	793	83	7	2,391	2,184
	% Carditis Deaths (Deaths / Adverse Events)	0.9%	1.5%	4.8%	14.3%	1.3%	1.2%
	% Total Carditis Deaths Attributed to Manufacturer	43.3%	40.0%	13.3%	3.3%		
	% Total Carditis Adverse Events Attributed to Manufacturer	63.1%	33.2%	3.5%	0.3%		
	Manufacturer Carditis Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	10.6%	-2.1%	-5.2%	-3.3%		
	Manufacturer Carditis Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	-9.2%	4.7%	4.7%	-0.2%		

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

NOTE 1: There are 464,769 distinct U.S. adverse events following Covid-19 vaccinations, including 522 distinct U.S. Guillain-Barre events, 7,594 distinct U.S. blood clot events, and 2,184 distinct U.S. carditis events reported to VAERS through 8/13/2021. Numerous patients met multiple criteria; therefore there are 480,994 total reported medical diagnoses following Covid-19 vaccinations, which include 8,284 instances of blood clots, 564 instances of Guillain-Barre, and 2,391 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, 8.2% of fully vaccinated U.S. residents received the Janssen vaccine. As of 8/13/2021, 8.9% 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 8.2% - 8.9% = -0.7%. 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 8.2% - 9.9% = -1.7%. (Figures are rounded for display; this note may display rounding errors.)