

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, Thrombophlebitis, Embolism, Carditis, Myocarditis, Pericarditis, Guillain-Barre - Through 7/23/2021

Report Run Date: 7/30/2021 (data captured through 7/23/2021)



	Vaccine Manufacturer	PFIZER\BIONTECH	MODERNA	JANSSEN	UNKNOWN MANUFACTURER	TOTAL INSTANCES ¹	TOTAL EVENTS ¹
	<i>Proportion of Vaccines Administered to U.S. Residents</i>	53.3%	38.6%	8.0%	0.05%		
All Adverse Events	Manufacturer Reported Deaths	2,768	2,842	545	28	6,183	5,612
	Manufacturer Adverse Events - Recovered	202,822	194,971	44,550	999	443,342	429,465
	Total Manufacturer Adverse Events Reported	205,590	197,813	45,095	1,027	449,525	435,077
	% Deaths (Deaths / Adverse Events)	1.3%	1.4%	1.2%	2.7%	1.4%	1.3%
	% Total Deaths Attributed to Manufacturer	44.8%	46.0%	8.8%	0.5%		
	% Total Adverse Events Attributed to Manufacturer	45.7%	44.0%	10.0%	0.2%		
	Manufacturer Overall Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	8.6%	-7.4%	-0.8%	-0.4%		
	Manufacturer Overall Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	7.6%	-5.4%	-2.0%	-0.2%		
Blood Clots	Manufacturer Blood Clot Deaths	158	142	84	4	388	349
	Manufacturer Blood Clot Events - Recovered	3,099	2,573	1,590	41	7,303	6,728
	Total Manufacturer Blood Clot Events Reported	3,257	2,715	1,674	45	7,691	7,077
	% Blood Clot Deaths (Deaths / Adverse Events)	4.9%	5.2%	5.0%	8.9%	5.0%	4.9%
	% Total Blood Clot Deaths Attributed to Manufacturer	40.7%	36.6%	21.6%	1.0%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	42.3%	35.3%	21.8%	0.6%		
	Manufacturer Blood Clot Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	12.6%	2.0%	-13.6%	-1.0%		
	Manufacturer Blood Clot Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.0%	3.3%	-13.7%	-0.5%		
Guillain - Barre	Manufacturer Guillain-Barre Deaths	5	2	1	-	8	8
	Manufacturer Guillain-Barre Events - Recovered	192	183	112	7	494	459
	Total Manufacturer Guillain-Barre Events Reported	197	185	113	7	502	467
	% Guillain-Barre Deaths (Deaths / Adverse Events)	2.5%	1.1%	0.9%	0.0%	1.6%	1.7%
	% Total Guillain-Barre Deaths Attributed to Manufacturer	62.5%	25.0%	12.5%	0.0%		
	% Total Guillain-Barre Adverse Events Attributed to Manufacturer	39.2%	36.9%	22.5%	1.4%		
	Manufacturer Guillain-Barre Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	-9.2%	13.6%	-4.5%	0.1%		
	Manufacturer Guillain-Barre Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	14.1%	1.7%	-14.5%	-1.3%		
Carditis	Manufacturer Carditis Deaths	12	10	3	1	26	22
	Manufacturer Carditis Events - Recovered	1,382	708	70	5	2,165	1,982
	Total Manufacturer Carditis Events Reported	1,394	718	73	6	2,191	2,004
	% Carditis Deaths (Deaths / Adverse Events)	0.9%	1.4%	4.1%	16.7%	1.2%	1.1%
	% Total Carditis Deaths Attributed to Manufacturer	46.2%	38.5%	11.5%	3.8%		
	% Total Carditis Adverse Events Attributed to Manufacturer	63.6%	32.8%	3.3%	0.3%		
	Manufacturer Carditis Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	7.2%	0.1%	-3.5%	-3.8%		
	Manufacturer Carditis Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	-10.3%	5.8%	4.7%	-0.2%		

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

NOTE 1: There are 435,077 distinct U.S. adverse events following Covid-19 vaccinations, including 467 distinct U.S. Guillain-Barre events, 7,077 distinct U.S. blood clot events, and 2,004 distinct U.S. carditis events reported to VAERS through 7/23/2021. Numerous patients met multiple criteria; therefore there are 449,525 total reported medical diagnoses following Covid-19 vaccinations, which include 7,691 instances of blood clots, 502 instances of Guillain-Barre, and 2,191 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 7/23/2021, 8.8% 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% - 8.8% = -0.8%. 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% - 10.0% = -2.0%. (Figures are rounded for display; this note may display rounding errors.)