

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 7/30/2021

Report Run Date: 8/6/2021 (data captured through 7/30/2021)



	Vaccine Manufacturer	PFIZER\BIONTECH	MODERNA	JANSSEN	UNKNOWN MANUFACTURER	TOTAL INSTANCES ¹	TOTAL EVENTS ¹
	<i>Proportion of Vaccines Administered to U.S. Residents</i>	53.5%	38.4%	8.1%	0.05%		
All Adverse Events	Manufacturer Reported Deaths	2,881	2,890	557	28	6,356	5,739
	Manufacturer Adverse Events - Recovered	208,320	197,246	45,291	1,009	451,866	437,462
	Total Manufacturer Adverse Events Reported	211,201	200,136	45,848	1,037	458,222	443,201
	% Deaths (Deaths / Adverse Events)	1.4%	1.2%	1.2%	2.7%	1.4%	1.3%
	% Total Deaths Attributed to Manufacturer	45.3%	45.5%	8.8%	0.4%		
	% Total Adverse Events Attributed to Manufacturer	46.1%	43.7%	10.0%	0.2%		
	Manufacturer Overall Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	8.1%	-7.1%	-0.7%	-0.4%		
	Manufacturer Overall Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	7.4%	-5.3%	-1.9%	-0.2%		
Blood Clots	Manufacturer Blood Clot Deaths	171	144	83	4	402	357
	Manufacturer Blood Clot Events - Recovered	3,180	2,640	1,616	41	7,477	6,888
	Total Manufacturer Blood Clot Events Reported	3,351	2,784	1,699	45	7,879	7,245
	% Blood Clot Deaths (Deaths / Adverse Events)	5.1%	5.2%	4.9%	8.9%	5.1%	4.9%
	% Total Blood Clot Deaths Attributed to Manufacturer	42.5%	35.8%	20.6%	1.0%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	42.5%	35.3%	21.6%	0.6%		
	Manufacturer Blood Clot Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	10.9%	2.6%	-12.6%	-0.9%		
	Manufacturer Blood Clot Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	10.9%	3.1%	-13.5%	-0.5%		
Guillain - Barre	Manufacturer Guillain-Barre Deaths	5	2	1	-	8	8
	Manufacturer Guillain-Barre Events - Recovered	204	184	117	7	512	475
	Total Manufacturer Guillain-Barre Events Reported	209	186	118	7	520	483
	% Guillain-Barre Deaths (Deaths / Adverse Events)	2.4%	1.1%	0.8%	0.0%	1.5%	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	40.2%	35.8%	22.7%	1.3%		
	Manufacturer Guillain-Barre Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	-9.0%	13.4%	-4.4%	0.1%		
	Manufacturer Guillain-Barre Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	13.3%	2.6%	-14.6%	-1.3%		
Carditis	Manufacturer Carditis Deaths	13	10	3	1	27	23
	Manufacturer Carditis Events - Recovered	1,427	738	73	5	2,243	2,055
	Total Manufacturer Carditis Events Reported	1,440	748	76	6	2,270	2,078
	% Carditis Deaths (Deaths / Adverse Events)	0.9%	1.3%	3.9%	16.7%	1.2%	1.1%
	% Total Carditis Deaths Attributed to Manufacturer	48.1%	37.0%	11.1%	3.7%		
	% Total Carditis Adverse Events Attributed to Manufacturer	63.4%	33.0%	3.3%	0.3%		
	Manufacturer Carditis Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	5.3%	1.4%	-3.0%	-3.6%		
	Manufacturer Carditis Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	-10.0%	5.5%	4.7%	-0.2%		

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

NOTE 1: There are 443,201 distinct U.S. adverse events following Covid-19 vaccinations, including 483 distinct U.S. Guillain-Barre events, 7,245 distinct U.S. blood clot events, and 2,078 distinct U.S. carditis events reported to VAERS through 7/30/2021. Numerous patients met multiple criteria; therefore there are 458,222 total reported medical diagnoses following Covid-19 vaccinations, which include 7,879 instances of blood clots, 520 instances of Guillain-Barre, and 2,270 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 7/30/2021, 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 8.1% — 8.8% = -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 8.1% — 10.0% = -1.9%. (Figures are rounded for display; this note may display rounding errors.)