

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 9/24/2021

Report Run Date: 10/4/2021 (data captured through 9/24/2021)



	Vaccine Manufacturer	PFIZER\BIONTECH	MODERNA	JANSSEN	UNKNOWN MANUFACTURER	TOTAL INSTANCES ¹	TOTAL EVENTS ¹
	Proportion of Vaccines Administered to U.S. Residents	54.9%	37.0%	8.0%	0.06%		
All Adverse Events	Manufacturer Reported Deaths	3,885	3,523	762	32	8,202	7,215
	Manufacturer Adverse Events - Recovered	256,919	283,659	52,527	1,258	594,363	574,636
	Total Manufacturer Adverse Events Reported	260,804	287,182	53,289	1,290	602,565	581,851
	% Deaths (Deaths / Adverse Events)	1.5%	1.2%	1.4%	2.5%	1.4%	1.2%
	% Total Deaths Attributed to Manufacturer	47.4%	43.0%	9.3%	0.4%		
	% Total Adverse Events Attributed to Manufacturer	43.3%	47.7%	8.8%	0.2%		
	Manufacturer Overall Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	7.6%	-6.0%	-1.3%	-0.3%		
	Manufacturer Overall Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.7%	-10.7%	-0.8%	-0.2%		
Blood Clots	Manufacturer Blood Clot Deaths	223	189	116	4	532	465
	Manufacturer Blood Clot Events - Recovered	3,923	3,271	1,843	47	9,084	8,308
	Total Manufacturer Blood Clot Events Reported	4,146	3,460	1,959	51	9,616	8,773
	% Blood Clot Deaths (Deaths / Adverse Events)	5.4%	5.5%	5.9%	7.8%	5.5%	5.3%
	% Total Blood Clot Deaths Attributed to Manufacturer	41.9%	35.5%	21.8%	0.8%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	43.1%	36.0%	20.4%	0.5%		
	Manufacturer Blood Clot Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	13.0%	1.5%	-13.8%	-0.7%		
	Manufacturer Blood Clot Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.8%	1.0%	-12.4%	-0.5%		
Guillain - Barre	Manufacturer Guillain-Barre Deaths	5	4	1	-	10	9
	Manufacturer Guillain-Barre Events - Recovered	273	223	168	8	672	617
	Total Manufacturer Guillain-Barre Events Reported	278	227	169	8	682	626
	% Guillain-Barre Deaths (Deaths / Adverse Events)	1.8%	1.8%	0.6%	0.0%	1.5%	1.4%
	% Total Guillain-Barre Deaths Attributed to Manufacturer	50.0%	40.0%	10.0%	0.0%		
	% Total Guillain-Barre Adverse Events Attributed to Manufacturer	40.8%	33.3%	24.8%	1.2%		
	Manufacturer Guillain-Barre Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	4.9%	-3.0%	-2.0%	0.1%		
	Manufacturer Guillain-Barre Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	14.2%	3.7%	-16.8%	-1.1%		
Carditis	Manufacturer Carditis Deaths	27	15	6	1	49	43
	Manufacturer Carditis Events - Recovered	1,860	966	99	10	2,935	2,675
	Total Manufacturer Carditis Events Reported	1,887	981	105	11	2,984	2,718
	% Carditis Deaths (Deaths / Adverse Events)	1.4%	1.5%	5.7%	9.1%	1.6%	1.6%
	% Total Carditis Deaths Attributed to Manufacturer	55.1%	30.6%	12.2%	2.0%		
	% Total Carditis Adverse Events Attributed to Manufacturer	63.2%	32.9%	3.5%	0.4%		
	Manufacturer Carditis Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	-0.2%	6.4%	-4.2%	-2.0%		
	Manufacturer Carditis Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	-8.3%	4.1%	4.5%	-0.3%		

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

NOTE 1: There are 581,851 distinct U.S. adverse events following Covid-19 vaccinations, including 626 distinct U.S. Guillain-Barre events, 8,773 distinct U.S. blood clot events, and 2,718 distinct U.S. carditis events reported to VAERS through 9/24/2021. Numerous patients met multiple criteria; therefore there are 602,565 total reported medical diagnoses following Covid-19 vaccinations, which include 9,616 instances of blood clots, 682 instances of Guillain-Barre, and 2,984 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 9/24/2021, 9.3% 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% - 9.3% = -1.3%. 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% = -0.8%. (Figures are rounded for display; this note may display rounding errors.)