

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 10/15/2021

Report Run Date: 10/24/2021 (data captured through 10/15/2021)



	Vaccine Manufacturer	PFIZER\BIONTECH	MODERNA	JANSSEN	UNKNOWN MANUFACTURER	TOTAL INSTANCES ¹	TOTAL EVENTS ¹
	Proportion of Vaccines Administered to U.S. Residents	55.3%	36.7%	8.0%	0.06%		
All Adverse Events	Manufacturer Reported Deaths	4,299	3,817	858	36	9,010	7,848
	Manufacturer Adverse Events - Recovered	276,929	293,320	55,214	1,369	626,832	604,277
	Total Manufacturer Adverse Events Reported	281,228	297,137	56,072	1,405	635,842	612,125
	% Deaths (Deaths / Adverse Events)	1.5%	1.3%	1.5%	2.6%	1.4%	1.3%
	% Total Deaths Attributed to Manufacturer	47.7%	42.4%	9.5%	0.4%		
	% Total Adverse Events Attributed to Manufacturer	44.2%	46.7%	8.8%	0.2%		
	Manufacturer Overall Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	7.6%	-5.7%	-1.6%	-0.3%		
Manufacturer Overall Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.1%	-10.1%	-0.9%	-0.2%			
Blood Clots	Manufacturer Blood Clot Deaths	251	202	133	4	590	512
	Manufacturer Blood Clot Events - Recovered	4,167	3,434	1,929	50	9,580	8,759
	Total Manufacturer Blood Clot Events Reported	4,418	3,636	2,062	54	10,170	9,271
	% Blood Clot Deaths (Deaths / Adverse Events)	5.7%	5.6%	6.5%	7.4%	5.8%	5.5%
	% Total Blood Clot Deaths Attributed to Manufacturer	42.5%	34.2%	22.5%	0.7%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	43.4%	35.8%	20.3%	0.5%		
	Manufacturer Blood Clot Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	12.8%	2.4%	-14.6%	-0.6%		
Manufacturer Blood Clot Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.9%	0.9%	-12.3%	-0.5%			
Guillain - Barre	Manufacturer Guillain-Barre Deaths	5	4	1	-	10	9
	Manufacturer Guillain-Barre Events - Recovered	291	233	182	8	714	657
	Total Manufacturer Guillain-Barre Events Reported	296	237	183	8	724	666
	% Guillain-Barre Deaths (Deaths / Adverse Events)	1.7%	1.7%	0.5%	0.0%	1.4%	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	40.9%	32.7%	25.3%	1.1%		
	Manufacturer Guillain-Barre Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	5.3%	-3.3%	-2.0%	0.1%		
Manufacturer Guillain-Barre Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	14.4%	3.9%	-17.3%	-1.0%			
Carditis	Manufacturer Carditis Deaths	28	17	7	1	53	47
	Manufacturer Carditis Events - Recovered	2,027	1,057	115	10	3,209	2,926
	Total Manufacturer Carditis Events Reported	2,055	1,074	122	11	3,262	2,973
	% Carditis Deaths (Deaths / Adverse Events)	1.4%	1.6%	5.7%	9.1%	1.6%	1.6%
	% Total Carditis Deaths Attributed to Manufacturer	52.8%	32.1%	13.2%	1.9%		
	% Total Carditis Adverse Events Attributed to Manufacturer	63.0%	32.9%	3.7%	0.3%		
	Manufacturer Carditis Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	2.5%	4.6%	-5.2%	-1.8%		
Manufacturer Carditis Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	-7.7%	3.7%	4.2%	-0.3%			

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

NOTE 1: There are 612,125 distinct U.S. adverse events following Covid-19 vaccinations, including 666 distinct U.S. Guillain-Barre events, 9,271 distinct U.S. blood clot events, and 2,973 distinct U.S. carditis events reported to VAERS through 10/15/2021. Numerous patients met multiple criteria; therefore there are 635,842 total reported medical diagnoses following Covid-19 vaccinations, which include 10,170 instances of blood clots, 724 instances of Guillain-Barre, and 3,262 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 10/15/2021, 9.5% 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% - 9.5% = -1.6%. 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% = -.9%. (Figures are rounded for display; this note may display rounding errors.)