

VAERS DATA: U.S. COVID-19 VACCINE MANUFACTURER COMPARISON ANALYSIS FOR BLOOD CLOTS, GUILLAIN-BARRE, AND TOTAL ADVERSE EVENTS

All Covid-19 Vaccine-Associated Events Reported In the U.S. Compared With Events Citing The Following Symptoms: Thrombosis, Thrombocytopenia, Thrombolytic, Thrombotic, Thrombophlebitis, Embolism, Myocarditis, Pericarditis, Guillain-Barre - Through 7/2/2021

Report Run Date: 7/14/2021 (data captured through 7/2/2021)



	Vaccine Manufacturer	PFIZER\BIONTECH	MODERNA	JANSSEN	UNKNOWN MANUFACTURER	TOTAL INSTANCES ¹	TOTAL EVENTS ¹
	Proportion of Vaccines Administered to U.S. Residents	53.1%	38.9%	8.0%	0.05%		
All Adverse Events	Manufacturer Reported Deaths	2,547	2,661	501	25	5,734	5,247
	Manufacturer Adverse Events - Recovered	189,338	188,439	41,856	961	420,594	408,144
	Total Manufacturer Adverse Events Reported	191,885	191,100	42,357	986	426,328	413,391
	% Deaths (Deaths / Adverse Events)	1.3%	1.4%	1.2%	2.5%	1.3%	1.3%
	% Total Deaths Attributed to Manufacturer	44.4%	46.4%	8.7%	0.4%		
	% Total Adverse Events Attributed to Manufacturer	45.0%	44.8%	9.9%	0.2%		
	Manufacturer Overall Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	8.7%	-7.5%	-0.8%	-0.4%		
Manufacturer Overall Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	8.1%	-5.9%	-2.0%	-0.2%			
Blood Clots	Manufacturer Blood Clot Deaths	138	136	79	4	357	322
	Manufacturer Blood Clot Events - Recovered	2,843	2,395	1,498	40	6,776	6,263
	Total Manufacturer Blood Clot Events Reported	2,981	2,531	1,577	44	7,133	6,585
	% Blood Clot Deaths (Deaths / Adverse Events)	4.6%	5.4%	5.0%	9.1%	5.0%	4.9%
	% Total Blood Clot Deaths Attributed to Manufacturer	38.7%	38.1%	22.1%	1.1%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	41.8%	35.5%	22.1%	0.6%		
	Manufacturer Blood Clot Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	14.4%	0.8%	-14.2%	-1.1%		
Manufacturer Blood Clot Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.3%	3.4%	-14.2%	-0.6%			
Guillain - Barre	Manufacturer Guillain-Barre Deaths	3	2	1	-	6	6
	Manufacturer Guillain-Barre Events - Recovered	161	154	74	4	393	365
	Total Manufacturer Guillain-Barre Events Reported	164	156	75	4	399	371
	% Guillain-Barre Deaths (Deaths / Adverse Events)	1.8%	1.3%	1.3%	0.0%	1.5%	1.6%
	% Total Guillain-Barre Deaths Attributed to Manufacturer	50.0%	33.3%	16.7%	0.0%		
	% Total Guillain-Barre Adverse Events Attributed to Manufacturer	41.1%	39.1%	18.8%	1.0%		
	Manufacturer Guillain-Barre Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	3.1%	5.6%	-8.7%	0.0%		
Manufacturer Guillain-Barre Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	12.0%	-0.2%	-10.8%	-1.0%			
Carditis	Manufacturer Carditis Deaths	7	8	1	1	17	15
	Manufacturer Carditis Events - Recovered	1,192	606	55	4	1,857	1,708
	Total Manufacturer Carditis Events Reported	1,199	614	56	5	1,874	1,723
	% Carditis Deaths (Deaths / Adverse Events)	0.6%	1.3%	1.8%	20.0%	0.9%	0.9%
	% Total Carditis Deaths Attributed to Manufacturer	41.2%	47.1%	5.9%	5.9%		
	% Total Carditis Adverse Events Attributed to Manufacturer	64.0%	32.8%	3.0%	0.3%		
	Manufacturer Carditis Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	11.9%	-8.2%	2.1%	-5.8%		
Manufacturer Carditis Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	-10.9%	6.1%	5.0%	-0.2%			

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

NOTE 1: There are 413,391 distinct U.S. adverse events following Covid-19 vaccinations, including 371 distinct U.S. Guillain-Barre events, 6,585 distinct U.S. blood clot events, and 1,723 distinct U.S. carditis events reported to VAERS through 7/2/2021. Numerous patients met multiple criteria; therefore there are 426,328 total reported medical diagnoses following Covid-19 vaccinations, which include 7,133 instances of blood clots, 399 instances of Guillain-Barre, and 1,874 instances of carditis meeting the report criteria outlined above for the same time period. 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 7/2/2021, 8.7% 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% - 8.7% = -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 8.0% - 9.9% = -1.9%. (Figures are rounded for display; this note may display rounding errors.)