

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 10/8/2021

Report Run Date: 10/18/2021 (data captured through 10/8/2021)



	Vaccine Manufacturer	PFIZER\BIONTECH	MODERNA	JANSSEN	UNKNOWN MANUFACTURER	TOTAL INSTANCES ¹	TOTAL EVENTS ¹
	Proportion of Vaccines Administered to U.S. Residents	55.2%	36.7%	8.0%	0.06%		
All Adverse Events	Manufacturer Reported Deaths	4,206	3,721	828	33	8,788	7,674
	Manufacturer Adverse Events - Recovered	271,597	290,927	54,491	1,309	618,324	596,486
	Total Manufacturer Adverse Events Reported	275,803	294,648	55,319	1,342	627,112	604,160
	% Deaths (Deaths / Adverse Events)	1.5%	1.3%	1.5%	2.5%	1.4%	1.3%
	% Total Deaths Attributed to Manufacturer	47.9%	42.3%	9.4%	0.4%		
	% Total Adverse Events Attributed to Manufacturer	44.0%	47.0%	8.8%	0.2%		
	Manufacturer Overall Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	7.4%	-5.6%	-1.5%	-0.3%		
	Manufacturer Overall Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.2%	-10.2%	-0.9%	-0.2%		
Blood Clots	Manufacturer Blood Clot Deaths	244	198	130	4	576	501
	Manufacturer Blood Clot Events - Recovered	4,090	3,387	1,910	49	9,436	8,631
	Total Manufacturer Blood Clot Events Reported	4,334	3,585	2,040	53	10,012	9,132
	% Blood Clot Deaths (Deaths / Adverse Events)	5.6%	5.5%	6.4%	7.5%	5.8%	5.5%
	% Total Blood Clot Deaths Attributed to Manufacturer	42.4%	34.4%	22.6%	0.7%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	43.3%	35.8%	20.4%	0.5%		
	Manufacturer Blood Clot Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	12.9%	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%	-12.4%	-0.5%		
Guillain - Barre	Manufacturer Guillain-Barre Deaths	5	4	1	-	10	9
	Manufacturer Guillain-Barre Events - Recovered	288	232	181	8	709	652
	Total Manufacturer Guillain-Barre Events Reported	293	236	182	8	719	661
	% 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	40.8%	32.8%	25.3%	1.1%		
	Manufacturer Guillain-Barre Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	5.2%	-3.3%	-2.0%	0.1%		
	Manufacturer Guillain-Barre Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	14.5%	3.9%	-17.3%	-1.1%		
Carditis	Manufacturer Carditis Deaths	28	19	6	1	54	48
	Manufacturer Carditis Events - Recovered	1,991	1,028	113	10	3,142	2,865
	Total Manufacturer Carditis Events Reported	2,019	1,047	119	11	3,196	2,913
	% Carditis Deaths (Deaths / Adverse Events)	1.4%	1.8%	5.0%	9.1%	1.7%	1.6%
	% Total Carditis Deaths Attributed to Manufacturer	51.9%	35.2%	11.1%	1.9%		
	% Total Carditis Adverse Events Attributed to Manufacturer	63.2%	32.8%	3.7%	0.3%		
	Manufacturer Carditis Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	3.4%	1.6%	-3.1%	-1.8%		
	Manufacturer Carditis Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	-7.9%	4.0%	4.2%	-0.3%		

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

NOTE 1: There are 604,160 distinct U.S. adverse events following Covid-19 vaccinations, including 661 distinct U.S. Guillain-Barre events, 9,132 distinct U.S. blood clot events, and 2,913 distinct U.S. carditis events reported to VAERS through 10/8/2021. Numerous patients met multiple criteria; therefore there are 627,112 total reported medical diagnoses following Covid-19 vaccinations, which include 10,012 instances of blood clots, 719 instances of Guillain-Barre, and 3,196 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 10/8/2021, 9.4% 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% - 9.4% = -1.5%. 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.)