

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 9/10/2021

Report Run Date: 9/19/2021 (data captured through 9/10/2021)



	Vaccine Manufacturer	PFIZER\BIONTECH	MODERNA	JANSSEN	UNKNOWN MANUFACTURER	TOTAL INSTANCES <sup>1</sup>	TOTAL EVENTS <sup>1</sup>
	<b>Proportion of Vaccines Administered to U.S. Residents</b>	54.6%	37.3%	8.1%	0.06%		
<b>All Adverse Events</b>	Manufacturer Reported Deaths	3,602	3,323	687	31	7,643	6,756
	Manufacturer Adverse Events - Recovered	244,132	275,208	50,429	1,193	570,962	552,706
	Total Manufacturer Adverse Events Reported	247,734	278,531	51,116	1,224	578,605	559,462
	% Deaths (Deaths / Adverse Events)	1.5%	1.2%	1.3%	2.5%	1.3%	1.2%
	% Total Deaths Attributed to Manufacturer	47.1%	43.5%	9.0%	0.4%		
	% Total Adverse Events Attributed to Manufacturer	42.8%	48.1%	8.8%	0.2%		
	<b>Manufacturer Overall Mortality Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer</b>	7.5%	-6.2%	-0.9%	-0.3%		
	<b>Manufacturer Overall Safety Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer</b>	11.8%	-10.9%	-0.8%	-0.2%		
<b>Blood Clots</b>	Manufacturer Blood Clot Deaths	205	175	106	4	490	431
	Manufacturer Blood Clot Events - Recovered	3,698	3,109	1,792	46	8,645	7,921
	Total Manufacturer Blood Clot Events Reported	3,903	3,284	1,898	50	9,135	8,352
	% Blood Clot Deaths (Deaths / Adverse Events)	5.3%	5.3%	5.6%	8.0%	5.4%	5.2%
	% Total Blood Clot Deaths Attributed to Manufacturer	41.8%	35.7%	21.6%	0.8%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	42.7%	35.9%	20.8%	0.5%		
	<b>Manufacturer Blood Clot Mortality Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer</b>	12.8%	1.6%	-13.6%	-0.8%		
	<b>Manufacturer Blood Clot Safety Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer</b>	11.9%	1.3%	-12.7%	-0.5%		
<b>Guillain - Barre</b>	Manufacturer Guillain-Barre Deaths	5	4	1	-	10	9
	Manufacturer Guillain-Barre Events - Recovered	254	214	158	8	634	584
	Total Manufacturer Guillain-Barre Events Reported	259	218	159	8	644	593
	% Guillain-Barre Deaths (Deaths / Adverse Events)	1.9%	1.8%	0.6%	0.0%	1.6%	1.5%
	% Total Guillain-Barre Deaths Attributed to Manufacturer	50.0%	40.0%	10.0%	0.0%		
	% Total Guillain-Barre Adverse Events Attributed to Manufacturer	40.2%	33.9%	24.7%	1.2%		
	<b>Manufacturer Guillain-Barre Mortality Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer</b>	4.6%	-2.7%	-1.9%	0.1%		
	<b>Manufacturer Guillain-Barre Safety Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer</b>	14.4%	3.4%	-16.6%	-1.2%		
<b>Carditis</b>	Manufacturer Carditis Deaths	23	13	6	1	43	39
	Manufacturer Carditis Events - Recovered	1,725	905	92	8	2,730	2,491
	Total Manufacturer Carditis Events Reported	1,748	918	98	9	2,773	2,530
	% Carditis Deaths (Deaths / Adverse Events)	1.3%	1.4%	6.1%	11.1%	1.6%	1.5%
	% Total Carditis Deaths Attributed to Manufacturer	53.5%	30.2%	14.0%	2.3%		
	% Total Carditis Adverse Events Attributed to Manufacturer	63.0%	33.1%	3.5%	0.3%		
	<b>Manufacturer Carditis Mortality Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer</b>	1.1%	7.0%	-5.9%	-2.3%		
	<b>Manufacturer Carditis Safety Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer</b>	-8.4%	4.2%	4.5%	-0.3%		

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

NOTE 1: There are 559,462 distinct U.S. adverse events following Covid-19 vaccinations, including 593 distinct U.S. Guillain-Barre events, 8,352 distinct U.S. blood clot events, and 2,530 distinct U.S. carditis events reported to VAERS through 9/10/2021. Numerous patients met multiple criteria; therefore there are 578,605 total reported medical diagnoses following Covid-19 vaccinations, which include 9,135 instances of blood clots, 644 instances of Guillain-Barre, and 2,773 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 9/10/2021, 9.0% 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% - 9.0% = -0.9%. 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% - 8.8% = -0.8%. (Figures are rounded for display; this note may display rounding errors.)