

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 10/1/2021

Report Run Date: 10/10/2021 (data captured through 10/1/2021)



	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>	<b>55.1%</b>	<b>36.9%</b>	<b>8.0%</b>	<b>0.06%</b>		
<b>All Adverse Events</b>	Manufacturer Reported Deaths	4,047	3,597	795	33	8,472	7,437
	Manufacturer Adverse Events - Recovered	265,067	287,313	53,571	1,280	607,231	586,291
	Total Manufacturer Adverse Events Reported	269,114	290,910	54,366	1,313	615,703	593,728
	% Deaths (Deaths / Adverse Events)	1.5%	1.2%	1.5%	2.5%	1.4%	1.3%
	% Total Deaths Attributed to Manufacturer	47.8%	42.5%	9.4%	0.4%		
	% Total Adverse Events Attributed to Manufacturer	43.7%	47.2%	8.8%	0.2%		
	<b>Manufacturer Overall Mortality Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer</b>	<b>7.3%</b>	<b>-5.6%</b>	<b>-1.4%</b>	<b>-0.3%</b>		
	<b>Manufacturer Overall Safety Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer</b>	<b>11.4%</b>	<b>-10.4%</b>	<b>-0.8%</b>	<b>-0.2%</b>		
<b>Blood Clots</b>	Manufacturer Blood Clot Deaths	224	194	122	4	544	477
	Manufacturer Blood Clot Events - Recovered	3,941	3,285	1,840	48	9,114	8,336
	Total Manufacturer Blood Clot Events Reported	4,165	3,479	1,962	52	9,658	8,813
	% Blood Clot Deaths (Deaths / Adverse Events)	5.4%	5.6%	6.2%	7.7%	5.6%	5.4%
	% Total Blood Clot Deaths Attributed to Manufacturer	41.2%	35.7%	22.4%	0.7%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	43.1%	36.0%	20.3%	0.5%		
	<b>Manufacturer Blood Clot Mortality Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer</b>	<b>13.9%</b>	<b>1.2%</b>	<b>-14.4%</b>	<b>-0.7%</b>		
	<b>Manufacturer Blood Clot Safety Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer</b>	<b>11.9%</b>	<b>0.9%</b>	<b>-12.3%</b>	<b>-0.5%</b>		
<b>Guillain - Barre</b>	Manufacturer Guillain-Barre Deaths	5	4	1	-	10	9
	Manufacturer Guillain-Barre Events - Recovered	279	228	179	8	694	639
	Total Manufacturer Guillain-Barre Events Reported	284	232	180	8	704	648
	% Guillain-Barre Deaths (Deaths / Adverse Events)	1.8%	1.7%	0.6%	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	40.3%	33.0%	25.6%	1.1%		
	<b>Manufacturer Guillain-Barre Mortality Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer</b>	<b>5.1%</b>	<b>-3.1%</b>	<b>-2.0%</b>	<b>0.1%</b>		
	<b>Manufacturer Guillain-Barre Safety Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer</b>	<b>14.7%</b>	<b>3.9%</b>	<b>-17.6%</b>	<b>-1.1%</b>		
<b>Carditis</b>	Manufacturer Carditis Deaths	27	17	6	1	51	45
	Manufacturer Carditis Events - Recovered	1,938	1,000	107	10	3,055	2,783
	Total Manufacturer Carditis Events Reported	1,965	1,017	113	11	3,106	2,828
	% Carditis Deaths (Deaths / Adverse Events)	1.4%	1.7%	5.3%	9.1%	1.6%	1.6%
	% Total Carditis Deaths Attributed to Manufacturer	52.9%	33.3%	11.8%	2.0%		
	% Total Carditis Adverse Events Attributed to Manufacturer	63.3%	32.7%	3.6%	0.4%		
	<b>Manufacturer Carditis Mortality Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer</b>	<b>2.1%</b>	<b>3.6%</b>	<b>-3.8%</b>	<b>-1.9%</b>		
	<b>Manufacturer Carditis Safety Index<sup>2</sup>: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer</b>	<b>-8.2%</b>	<b>4.2%</b>	<b>4.3%</b>	<b>-0.3%</b>		

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

NOTE 1: There are 593,728 distinct U.S. adverse events following Covid-19 vaccinations, including 648 distinct U.S. Guillain-Barre events, 8,813 distinct U.S. blood clot events, and 2,828 distinct U.S. carditis events reported to VAERS through 10/1/2021. Numerous patients met multiple criteria; therefore there are 615,703 total reported medical diagnoses following Covid-19 vaccinations, which include 9,658 instances of blood clots, 704 instances of Guillain-Barre, and 3,106 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 10/1/2021, 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% = -1.4%. 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.)