

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 10/29/2021

Report Run Date: 11/7/2021 (data captured through 10/29/2021)



	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>	55.4%	36.6%	8.0%	0.06%		
<b>All Adverse Events</b>	Manufacturer Reported Deaths	4,587	4,001	932	37	9,557	8,284
	Manufacturer Adverse Events - Recovered	291,734	300,088	56,834	1,418	650,074	626,325
	Total Manufacturer Adverse Events Reported	296,321	304,089	57,766	1,455	659,631	634,609
	% Deaths (Deaths / Adverse Events)	1.5%	1.3%	1.6%	2.5%	1.4%	1.3%
	% Total Deaths Attributed to Manufacturer	48.0%	41.9%	9.8%	0.4%		
	% Total Adverse Events Attributed to Manufacturer	44.9%	46.1%	8.8%	0.2%		
	<b>Manufacturer Overall Mortality Index<sup>2</sup>:</b> Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	7.4%	-5.3%	-1.8%	-0.3%		
<b>Manufacturer Overall Safety Index<sup>2</sup>:</b> Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	10.4%	-9.5%	-0.8%	-0.2%			
<b>Blood Clots</b>	Manufacturer Blood Clot Deaths	265	213	146	4	628	543
	Manufacturer Blood Clot Events - Recovered	4,348	3,541	1,998	51	9,938	9,084
	Total Manufacturer Blood Clot Events Reported	4,613	3,754	2,144	55	10,566	9,627
	% Blood Clot Deaths (Deaths / Adverse Events)	5.7%	5.7%	6.8%	7.3%	5.9%	5.6%
	% Total Blood Clot Deaths Attributed to Manufacturer	42.2%	33.9%	23.2%	0.6%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	43.7%	35.5%	20.3%	0.5%		
	<b>Manufacturer Blood Clot Mortality Index<sup>2</sup>:</b> Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	13.2%	2.7%	-15.3%	-0.6%		
<b>Manufacturer Blood Clot Safety Index<sup>2</sup>:</b> Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.7%	1.1%	-12.3%	-0.5%			
<b>Guillain - Barre</b>	Manufacturer Guillain-Barre Deaths	5	5	2	-	12	11
	Manufacturer Guillain-Barre Events - Recovered	314	241	193	8	756	694
	Total Manufacturer Guillain-Barre Events Reported	319	246	195	8	768	705
	% Guillain-Barre Deaths (Deaths / Adverse Events)	1.6%	2.0%	1.0%	0.0%	1.6%	1.6%
	% Total Guillain-Barre Deaths Attributed to Manufacturer	41.7%	41.7%	16.7%	0.0%		
	% Total Guillain-Barre Adverse Events Attributed to Manufacturer	41.5%	32.0%	25.4%	1.0%		
	<b>Manufacturer Guillain-Barre Mortality Index<sup>2</sup>:</b> Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	13.7%	-5.1%	-8.7%	0.1%		
<b>Manufacturer Guillain-Barre Safety Index<sup>2</sup>:</b> Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	13.8%	4.6%	-17.4%	-1.0%			
<b>Carditis</b>	Manufacturer Carditis Deaths	29	19	7	1	56	50
	Manufacturer Carditis Events - Recovered	2,121	1,120	124	10	3,375	3,079
	Total Manufacturer Carditis Events Reported	2,150	1,139	131	11	3,431	3,129
	% Carditis Deaths (Deaths / Adverse Events)	1.3%	1.7%	5.3%	9.1%	1.6%	1.6%
	% Total Carditis Deaths Attributed to Manufacturer	51.8%	33.9%	12.5%	1.8%		
	% Total Carditis Adverse Events Attributed to Manufacturer	62.7%	33.2%	3.8%	0.3%		
	<b>Manufacturer Carditis Mortality Index<sup>2</sup>:</b> Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	3.6%	2.7%	-4.5%	-1.7%		
<b>Manufacturer Carditis Safety Index<sup>2</sup>:</b> Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	-7.3%	3.4%	4.2%	-0.3%			

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

NOTE 1: There are 634,609 distinct U.S. adverse events following Covid-19 vaccinations, including 705 distinct U.S. Guillain-Barre events, 9,627 distinct U.S. blood clot events, and 3,129 distinct U.S. carditis events reported to VAERS through 10/29/2021. Numerous patients met multiple criteria; therefore there are 659,631 total reported medical diagnoses following Covid-19 vaccinations, which include 10,566 instances of blood clots, 768 instances of Guillain-Barre, and 3,431 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 10/29/2021, 9.8% 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% - 9.8% = -1.8%. 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% = -.8%. (Figures are rounded for display; this note may display rounding errors.)