

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 8/27/2021

Report Run Date: 9/4/2021 (data captured through 8/27/2021)



	Vaccine Manufacturer	PFIZER\BIONTECH	MODERNA	JANSSEN	UNKNOWN MANUFACTURER	TOTAL INSTANCES ¹	TOTAL EVENTS ¹
	Proportion of Vaccines Administered to U.S. Residents	54.3%	37.5%	8.1%	0.06%		
All Adverse Events	Manufacturer Reported Deaths	3,282	3,139	636	29	7,086	6,296
	Manufacturer Adverse Events - Recovered	224,890	250,344	48,576	1,085	524,895	507,974
	Total Manufacturer Adverse Events Reported	228,172	253,483	49,212	1,114	531,981	514,270
	% Deaths (Deaths / Adverse Events)	1.4%	1.2%	1.3%	2.6%	1.3%	1.2%
	% Total Deaths Attributed to Manufacturer	46.3%	44.3%	9.0%	0.4%		
	% Total Adverse Events Attributed to Manufacturer	42.9%	47.6%	9.3%	0.2%		
	Manufacturer Overall Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	8.0%	-6.8%	-0.9%	-0.4%		
	Manufacturer Overall Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.4%	-10.1%	-1.1%	-0.2%		
Blood Clots	Manufacturer Blood Clot Deaths	193	169	98	4	464	408
	Manufacturer Blood Clot Events - Recovered	3,477	2,920	1,727	45	8,169	7,489
	Total Manufacturer Blood Clot Events Reported	3,670	3,089	1,825	49	8,633	7,897
	% Blood Clot Deaths (Deaths / Adverse Events)	5.3%	5.5%	5.4%	8.2%	5.4%	5.2%
	% Total Blood Clot Deaths Attributed to Manufacturer	41.6%	36.4%	21.1%	0.9%		
	% Total Blood Clot Adverse Events Attributed to Manufacturer	42.5%	35.8%	21.1%	0.6%		
	Manufacturer Blood Clot Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	12.7%	1.1%	-13.0%	-0.8%		
	Manufacturer Blood Clot Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	11.8%	1.8%	-13.0%	-0.5%		
Guillain - Barre	Manufacturer Guillain-Barre Deaths	5	2	1	-	8	8
	Manufacturer Guillain-Barre Events - Recovered	229	205	143	7	584	537
	Total Manufacturer Guillain-Barre Events Reported	234	207	144	7	592	545
	% Guillain-Barre Deaths (Deaths / Adverse Events)	2.1%	1.0%	0.7%	0.0%	1.4%	1.5%
	% Total Guillain-Barre Deaths Attributed to Manufacturer	62.5%	25.0%	12.5%	0.0%		
	% Total Guillain-Barre Adverse Events Attributed to Manufacturer	39.5%	35.0%	24.3%	1.2%		
	Manufacturer Guillain-Barre Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	-8.2%	12.5%	-4.4%	0.1%		
	Manufacturer Guillain-Barre Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	14.7%	2.6%	-16.2%	-1.1%		
Carditis	Manufacturer Carditis Deaths	15	12	5	1	33	29
	Manufacturer Carditis Events - Recovered	1,586	829	83	7	2,505	2,282
	Total Manufacturer Carditis Events Reported	1,601	841	88	8	2,538	2,311
	% Carditis Deaths (Deaths / Adverse Events)	0.9%	1.4%	5.7%	12.5%	1.3%	1.3%
	% Total Carditis Deaths Attributed to Manufacturer	45.5%	36.4%	15.2%	3.0%		
	% Total Carditis Adverse Events Attributed to Manufacturer	63.1%	33.1%	3.5%	0.3%		
	Manufacturer Carditis Mortality Index²: Proportion of Vaccines Administered Minus % Deaths Attributed to Manufacturer	8.8%	1.2%	-7.0%	-3.0%		
	Manufacturer Carditis Safety Index²: Proportion of Vaccines Administered Minus % Adverse Events Attributed to Manufacturer	-8.8%	4.4%	4.7%	-0.3%		

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

NOTE 1: There are 514,270 distinct U.S. adverse events following Covid-19 vaccinations, including 545 distinct U.S. Guillain-Barre events, 7,897 distinct U.S. blood clot events, and 2,311 distinct U.S. carditis events reported to VAERS through 8/27/2021. Numerous patients met multiple criteria; therefore there are 531,981 total reported medical diagnoses following Covid-19 vaccinations, which include 8,633 instances of blood clots, 592 instances of Guillain-Barre, and 2,538 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 8/27/2021, 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% — 9.3% = -1.1%. (Figures are rounded for display; this note may display rounding errors.)