



Vaccine Adverse Event Reporting

VA Center for Medication Safety (VAMedSAFE) April 29, 2021

Vaccine AE Reports

Product	Reports	All AE's /10,000 Doses	Anaphylaxis/1 0,000 Doses	Sent to VAERS
J&J (2)	585	TBD	TBD	583 (99.7%)
Moderna (48)	17687	63.1	0.171	17653 (99.8%)
Pfizer (44)	7208	30.1	0.184	7188 (99.7%)
Grand total	25480	48.9	0.181	25424 (99.8%)

Vaccine AE Reports – Serious/Non-Serious (Unvalidated Information per Reporter Completed AE Template)

	Reports
Serious*	895
Non-Serious	24585
Grand total	25480

*Events where Death, hospitalization, and/or Life-Threatening Event is marked as an outcome

VA ADERS – CV AESI Reports

Symptom	J&J	MODERNA	PFIZER
CARDIAC ARREST	0	15	5
CEREBROVASCULAR ACCIDENT	5	21	10
DEEP VEIN THROMBOSIS	4	9	2
MYOCARDIAL INFARCTION	0	7	3
PULMONARY EMBOLISM	3	9	7

VA ADERS – TIME TO EVENT (MEDIAN DAYS-RANGE)

Symptom	J&J	MODERNA	PFIZER
CARDIAC ARREST	0	3 (1-34)	1 (1-11)
CEREBROVASCULAR ACCIDENT	19 (0-40)	4.5 (0-47)	1 (0-18)
DEEP VEIN THROMBOSIS	12 (3-24)	11 (2-59)	15 (9-21)
MYOCARDIAL INFARCTION	0	5 (0-80)	0 (0-6)
PULMONARY EMOLISM	9 (4-24)	6 (3-20)	9 (1-30)

VA ADERS – CV AESI Reports Breakdown by Employee/Veteran

Symptom	J&J		MODERNA		PFIZER	
	EMP	VET	EMP	VET	EMP	VET
CARDIAC ARREST	0	0	0	15	0	5
CEREBROVASCULAR ACCIDENT	0	5	5	16	0	10
DEEP VEIN THROMBOSIS	0	4	4	5	1	1
MYOCARDIAL INFARCTION	0	0	2	5	0	3
PULMONARY EMBOLISM	0	3	2	7	0	7

VA ADERS – Other AESI Reports

Symptom	J&J	MODERNA	PFIZER
EMBOLISM	1	0	0
EMBOLISM VENOUS	0	2	1
THROMBOCYTOPENIA	0	9	3
THROMBOSIS	5	5	3
VENOUS THROMBOSIS	0	1	0

VA ADERS – TIME TO EVENT (MEDIAN DAYS-RANGE)

Symptom	J&J	MODERNA	PFIZER
EMBOLISM	7	0	0
EMBOLISM VENOUS	0	4 (2-6)	50
THROMBOCYTOPENIA	0	5 (0-20)	1 (0-2)
THROMBOSIS	12 (10-40)	10 (0-41)	22 (9-67)
VENOUS THROMBOSIS	0	1	0

VA ADERS – Other AESI Reports Breakdown by Employee/Veteran

Symptom	J&J		MODERNA		PFIZER	
	EMP	VET	EMP	VET	EMP	VET
EMBOLISM	0	1	0	0	0	0
EMBOLISM VENOUS	0	0	0	2	0	1
THROMBOCYTOPENIA	0	0	4	5	1	2
THROMBOSIS	0	5	1	4	1	2
VENOUS THROMBOSIS	0	0	0	1	0	0

AEs – Top 10 by MedDRA Preferred Term

COVID-19 Vaccines - Top 10 Symptoms

