

Table 2. Adverse Events Associated with SARS-CoV-2 Vaccination.*

Event	Adverse-Event Cohort in Each Group		Control Group	Risk Ratio (95% CI)	Risk Difference (95% CI)
	no. of persons	no. of events			
Acute kidney injury	912,019	20	45	0.44 (0.23 to 0.73)	-4.6 (-7.8 to -1.8)
Anemia	709,267	298	378	0.79 (0.67 to 0.93)	-18.7 (-32.1 to -6.1)
Appendicitis	900,289	95	66	1.40 (1.02 to 2.01)	5.0 (0.3 to 9.9)
Arrhythmia	856,152	254	284	0.89 (0.74 to 1.04)	-6.1 (-14.7 to 1.8)
Arthritis or arthropathy	731,340	64	70	0.95 (0.65 to 1.34)	-0.8 (-6.3 to 4.2)
Bell's palsy	923,692	81	59	1.32 (0.92 to 1.86)	3.5 (-1.1 to 7.8)
Cerebrovascular accident	917,598	45	55	0.84 (0.54 to 1.27)	-1.6 (-5.3 to 2.0)
Deep-vein thrombosis	925,380	39	47	0.87 (0.55 to 1.40)	-1.1 (-4.5 to 2.7)
Herpes simplex infection	876,328	219	205	1.13 (0.95 to 1.38)	4.8 (-1.9 to 12.4)
Herpes zoster infection	888,647	283	204	1.43 (1.20 to 1.73)	15.8 (8.2 to 24.2)
Intracranial hemorrhage	933,130	13	30	0.48 (0.20 to 0.89)	-2.9 (-5.6 to -0.5)
Lymphadenopathy	823,006	660	279	2.43 (2.05 to 2.78)	78.4 (64.1 to 89.3)
Lymphopenia	938,939	2	7	0.26 (0.00 to 1.03)	-0.9 (-2.0 to <0.1)
Myocardial infarction	892,785	59	60	1.07 (0.74 to 1.60)	0.8 (-3.3 to 5.2)
Myocarditis	938,812	21	6	3.24 (1.55 to 12.44)	2.7 (1.0 to 4.6)
Neutropenia	919,291	20	22	0.87 (0.46 to 1.66)	-0.5 (-2.8 to 1.8)
Other thrombosis†	932,469	12	22	0.46 (0.19 to 0.91)	-2.2 (-4.6 to -0.3)
Paresthesia	827,478	552	496	1.12 (0.98 to 1.24)	10.8 (-1.8 to 21.4)
Pericarditis	936,197	27	18	1.27 (0.68 to 2.31)	1.0 (-1.6 to 3.4)
Pulmonary embolism	937,116	10	17	0.56 (0.21 to 1.15)	-1.5 (-3.6 to 0.4)
Seizure	913,091	36	35	0.99 (0.62 to 1.64)	-0.4 (-3.0 to 3.1)
Syncope	858,068	326	267	1.12 (0.94 to 1.34)	6.2 (-3.2 to 15.4)
Thrombocytopenia	923,123	56	60	0.94 (0.63 to 1.27)	-0.6 (-4.6 to 2.3)
Uveitis	933,217	26	20	1.27 (0.68 to 2.67)	1.0 (-1.5 to 3.8)
Vertigo	773,263	433	395	1.12 (0.97 to 1.28)	9.3 (-2.5 to 20.0)

* Estimates were calculated with the use of the Kaplan–Meier estimator 42 days after vaccination or SARS-CoV-2 infection. Confidence intervals (CIs) were estimated with the use of the percentile bootstrap method with 500 repetitions.

† The “other thrombosis” category is a composite diagnosis that includes arterial embolism and thrombosis, venous embolism and thrombosis, vascular insufficiency of the intestine, portal-vein thrombosis, or cranial venous sinus thrombosis.
