



ID, sex, *n* doses

◇ VAERS ID [‡]
◇ Female
◇ Male
◇ Unknown (sex)
◇ <i>n</i> doses (<i>u</i> =unk.)

***n* per manufacturer**

Janssen	479
Moderna	2500
Novavax	1
Pfizer	5922
Unknown	30

Outcome

◆ Recovered
◆ Not recovered
◆ Died
◆ Unknown

***n* symptoms**

COVID-19	8
All other	8

Age = unknown^{‡‡}

COVID-19	953
All other	171

Onset date[‡]

Date range	<i>n</i> IDs
07–08	0
05–06	6
03–04	10
2024, 01–02	12
11–12	37
09–10	55
07–08	8
05–06	18
03–04	22
2023, 01–02	45
11–12	80
09–10	139
07–08	88
05–06	115
03–04	180
2022, 01–02	486
11–12	828
09–10	734
07–08	1092
05–06	1406
03–04	1684
2021, 01–02	925
2020, 11–12	57
Unknown	905

Onset interval[‡]

<i>n</i> days	<i>n</i> IDs
≤ 3	4578
5	300
10	440
20	491
30	363
60	354
90	194
120	96
150	72
180	68
210	51
≥ 211	250
Unk.	1675

	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
<i>n</i> VAERS IDs	8932	2647
μ , Mean ^{‡‡}	53.0	33.1
\hat{x} , Median ^{‡‡}	53.0	29.0
σ , Standard deviation ^{‡‡}	18.3	20.7
γ , Skewness ^{‡‡}	0.0	0.7
<i>n</i> Hospitalized	2448	728
<i>n</i> Life threatening	528	181
<i>n</i> Recovered	1564	500
<i>n</i> Not recovered	5941	1348
<i>n</i> Died	113	23

[†]Terms queried in SYMPTOM fields 1–5 include: amnesia (all types) and memory impairment (all types). [‡]Onset of symptoms post vaccine. *n* IDs are all CV19. ^{‡‡}Natural language processing was used to extract age values from SYMPTOM TEXT and fill in missing data. Remaining reports with unknown age are neither plotted, nor included in calculations, but are included in subtotals. Symbols have a random adjustment within $\sim \pm 0.5$ yr. ^{‡‡‡}Symbols link to OpenVAERS. ^{*}VAERS disclaimer (excerpts): “... VAERS is designed to rapidly detect unusual or unexpected patterns of adverse events, also referred to as ‘safety signals’. If a possible safety signal is found ..., further analysis is performed with other safety systems, such as [CDC’s VSD & CISA, or FDA BEST].” vaers.hhs.gov