



Outcome

- Recovered
- Not recovered
- Died
- Unknown

n per manufacturer

Janssen	1896
Moderna	9743
Novavax	10
Pfizer	36948
Unknown	88

Onset date[‡]

Date range	n IDs
07–08	2
05–06	6
03–04	3
2024, 01–02	4
11–12	47
09–10	65
07–08	11
05–06	17
03–04	35
2023, 01–02	62
11–12	145
09–10	263
07–08	173
05–06	272
03–04	556
2022, 01–02	2894
11–12	4406
09–10	4840
07–08	10100
05–06	10715
03–04	6577
2021, 01–02	2078
2020, 11–12	143
Unknown	5271

Onset interval[‡]

n days	n IDs
≤ 3	19313
5	2042
10	3923
20	4816
30	3176
60	3411
90	1043
120	481
150	267
180	176
210	149
≥ 211	487
Unk.	9401

ID, n doses

- VAERS ID[‡]
- n doses (u = unk.)

n symptoms

COVID-19	146
All other	87

Age = unknown^{}**

COVID-19	5764
All other	414

	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
n VAERS IDs	48685	3063
μ, Mean ^{**}	37.6	21.2
χ̂, Median ^{**}	37.0	18.0
σ, Standard deviation ^{**}	11.2	10.5
γ, Skewness ^{**}	0.4	1.8
n Hospitalized	2844	597
n Life threatening	538	121
n Recovered	8933	536
n Not recovered	32362	1252
n Died	42	16

[†]Terms queried in SYMPTOM 1–5 include: cervical (disorder/dysplasia/ectropion/inflam/polyp), (Bartholin's/cervical/hemorrhagic ovarian/uterine) cyst, endometrial (atrophy/disorder/hyperplasia), (hemato/hydro) -salpinx, infertility, (menorr/metrorr) -hagia, (a/dys/hyper/hypo/oligo/poly) -menorrhea, (irregular/retrograde) menstruation, (anovulatory/intermenstrual/pelvic/postmenopausal/ovarian/uterine/vaginal) hemorrhage, ovarian (failure/necrosis/vein thrombosis), pelvic inflammatory disease, & uterine (disorder/hematoma/inflammation/spasm)
^{**}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 (n VAERS IDs etc.). All plotted age values have a random adjustment within $\sim \pm 0.5$ yr. Selected missing onset interval values (especially < 10 yrs old) were manually edited using SYMPTOM TEXT. All other data are plotted 'as is'. [‡]n IDs are all COVID-19. [‡]Symbols link to respective reports at OpenVAERS.
^{*}VAERS disclaimer (excerpts): "... VAERS is designed to rapidly detect unusual or unexpected patterns of adverse events, also known as 'safety signals'. If a possible ... signal is found in VAERS data, further analysis is performed with other safety systems, such as the CDC's [VSD & CISA, or FDA BEST]." "VAERS reports may contain information that is incomplete, inaccurate, coincidental, or unverifiable." "The number of reports alone cannot be interpreted as evidence of a causal association between a vaccine & an adverse event." vaers.hhs.gov