



Outcome

- ◆ Recovered
- ◆ Not recovered
- Died
- Unknown

ID, *n* doses

- ◇ VAERS ID[‡]
- ◇ *n* doses (*u*=unk.)

***n* per manufacturer**

Janssen	156
Moderna	899
Novavax	1
Pfizer	3159
Unknown	9

Age = unknown^{‡‡}

COVID-19	512
All other	224

***n* symptoms**

COVID-19	8
All other	8

Onset date[‡]

Date range	<i>n</i> IDs
07–08	0
05–06	0
03–04	0
2024, 01–02	3
11–12	5
09–10	3
07–08	0
05–06	2
03–04	5
2023, 01–02	11
11–12	23
09–10	21
07–08	16
05–06	16
03–04	71
2022, 01–02	247
11–12	378
09–10	512
07–08	818
05–06	733
03–04	508
2021, 01–02	342
2020, 11–12	21
Unknown	489

Onset interval[‡]

<i>n</i> days	<i>n</i> IDs
≤ 3	1265
5	155
10	309
20	461
30	312
60	490
90	198
120	82
150	57
180	46
210	25
≥ 211	71
Unk.	753

	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
<i>n</i> VAERS IDs	4224	1361
μ , Mean ^{‡‡}	33.0	27.7
\hat{x} , Median ^{‡‡}	33.0	27.0
σ , Standard deviation ^{‡‡}	5.0	7.3
γ , Skewness ^{‡‡}	−0.2	0.1
<i>n</i> Hospitalized	631	198
<i>n</i> Life threatening	195	41
<i>n</i> Recovered	1497	545
<i>n</i> Not recovered	1636	195
<i>n</i> Died	97	24

[†]Terms queried in SYMPTOM fields 1–5 include: abortion spontaneous, anembryonic gestation, blighted ovum, fetal death, intra-uterine death, miscarriage, pregnancy loss, stillbirth, & sudden antenatal death syndrome. Terms excluded: Risk of future pregnancy miscarriage, ectopic pregnancy. [‡]Onset of symptoms post vaccine. *n* IDs are all COVID-19. ^{‡‡}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. All plotted age values have a random adjustment within $\sim \pm 0.5$ yr. ^{‡‡‡}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 safety signal is found ..., further studies can be done in safety systems such as the CDC’s [VSD & CISA].” “Note that the inclusion of events in VAERS data does not infer causality.” vaers.hhs.gov