



ID, sex, *n* doses

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

***n* per manufacturer**

Janssen	1018
Moderna	6790
Novavax	10
Pfizer	7392
Unknown	52

Outcome

- ◆ Recovered
- ◆ Not recovered
- ◆ Died
- ◆ Unknown

Age = unknown^{‡‡}

COVID-19	709
All other	401

***n* symptoms**

COVID-19	1
All other	1

Onset date[‡]

Date range	<i>n</i> IDs
07–08	7
05–06	17
03–04	14
2024, 01–02	29
11–12	106
09–10	146
07–08	25
05–06	30
03–04	55
2023, 01–02	123
11–12	227
09–10	317
07–08	181
05–06	266
03–04	305
2022, 01–02	634
11–12	1217
09–10	1143
07–08	1041
05–06	1634
03–04	3859
2021, 01–02	2856
2020, 11–12	296
Unknown	734

Onset interval[‡]

<i>n</i> days	<i>n</i> IDs
≤ 3	9964
5	477
10	748
20	654
30	466
60	452
90	252
120	128
150	121
180	109
210	78
≥ 211	417
Unk.	1396

	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
<i>n</i> VAERS IDs	15262	7853
μ , Mean ^{‡‡}	53.9	51.6
\hat{x} , Median ^{‡‡}	54.0	58.0
σ , Standard deviation ^{‡‡}	17.6	22.3
γ , Skewness ^{‡‡}	−0.1	−0.7
<i>n</i> Hospitalized	1940	706
<i>n</i> Life threatening	573	155
<i>n</i> Recovered	3967	2034
<i>n</i> Not recovered	8806	3269
<i>n</i> Died	186	27

[†]Terms queried in SYMPTOM fields 1–5 include: mobility decreased. Terms excluded: infusion site mobility decreased, injected limb mobility decreased. ^{‡‡}Onset of symptoms post vaccine.” *n* IDs are all COVID-19.
^{‡‡}Natural language processing was used to extract age values from SYMPTOM TEXT & fill in missing data. Remaining reports with unk. 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. All other data are plotted ‘as is’. [‡]Symbols link to respective reports at 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 the CDC’s [VSD & CISA, or FDA BEST].” “Note that the inclusion of events in VAERS data does not infer causality.” vaers.hhs.gov