



ID, sex, <i>n</i> doses		<i>n</i> per manufacturer	
◇ VAERS ID <sup>‡</sup>		Janssen	2113
◇ Female		Moderna	8912
◇ Male		Novavax	7
◇ Unknown (sex)		Pfizer	26134
◇ <i>n</i> doses ( <i>u</i> =unk.)		Unknown	140

Outcome	
◆ Recovered	
◆ Not recovered	
● Died	
● Unknown	

Onset date	
Date range	<i>n</i> IDs
07–08	5
05–06	10
03–04	25
2024, 01–02	40
11–12	155
09–10	245
07–08	61
05–06	61
03–04	142
2023, 01–02	226
11–12	446
09–10	504
07–08	373
05–06	395
03–04	526
2022, 01–02	1856
11–12	3383
09–10	2838
07–08	4076
05–06	5401
03–04	7328
2021, 01–02	5991
2020, 11–12	871
Unknown	2348

Onset interval <sup>‡</sup>	
<i>n</i> days	<i>n</i> IDs
≤ 3	22728
5	1146
10	1714
20	1651
30	927
60	1133
90	531
120	354
150	262
180	279
210	229
≥ 211	1364
Unk.	4988

<i>n</i> symptoms	
COVID-19	41
All other	28

  

Age = unknown <sup>**</sup>	
COVID-19	2438
All other	242

	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
<i>n</i> VAERS IDs	37306	4773
$\mu$ , Mean <sup>**</sup>	54.7	45.6
$\hat{x}$ , Median <sup>**</sup>	54.0	48.0
$\sigma$ , Standard deviation <sup>**</sup>	17.1	22.7
$\gamma$ , Skewness <sup>**</sup>	-0.0	-0.2
<i>n</i> Hospitalized	9347	1104
<i>n</i> Life threatening	2548	402
<i>n</i> Recovered	11156	2355
<i>n</i> Not recovered	18491	1148
<i>n</i> Died	663	88

<sup>†</sup>Terms queried in SYMPTOM fields 1–5 include: hypertension, hypertensive urgency, blood pressure (increased, abnormal), blood pressure ambulatory (increased, abnormal), blood pressure diastolic (increased, abnormal), blood pressure orthostatic (increased, abnormal), blood pressure systolic (increased, abnormal), labile blood pressure, and non-dipping.

<sup>\*\*</sup>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 COVID-19 missing onset interval values (especially children less than 10 years old) were manually edited using SYMPTOM TEXT. All other data are plotted 'as is'.

<sup>‡</sup>Onset of symptoms post vaccine. <sup>§</sup>*n* IDs are all COVID-19.

\*VAERS disclaimer (excerpt): "... 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