



ID, sex, <i>n</i> doses		<i>n</i> per manufacturer	
◇ VAERS ID [‡]		Janssen	2931
◇ Female		Moderna	14098
◇ Male		Novavax	12
◇ Unknown (sex)		Pfizer	31202
◇ <i>n</i> doses (<i>u</i> =unk.)		Unknown	172

Outcome		Age = unknown ^{‡‡}	
◆ Recovered		COVID-19	3888
● Not recovered		All other	1179
● Died			
● Unknown			

Onset date [‡]		Onset interval [‡]	
Date range	<i>n</i> IDs	<i>n</i> days	<i>n</i> IDs
2023, 03–04	188	≤ 3	25995
2023, 01–02	355	5	1527
2023, 11–12	638	10	2299
2023, 09–10	797	20	2355
2023, 07–08	674	30	1596
2023, 05–06	726	60	1724
2023, 03–04	882	90	894
2022, 01–02	2895	120	556
2022, 11–12	4487	150	504
2022, 09–10	3864	180	537
2022, 07–08	5393	210	502
2022, 05–06	7097	≥ 211	2657
2022, 03–04	9396	Unk.	7269
2021, 01–02	5780		
2020, 11–12	489		
Unknown	3779		

<i>n</i> symptoms	
COVID-19	353
All other	241

	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
<i>n</i> VAERS IDs	48415	17050
μ , Mean ^{‡‡}	54.4	25.5
\hat{x} , Median ^{‡‡}	54.0	16.0
σ , Standard deviation ^{‡‡}	20.8	25.2
γ , Skewness ^{‡‡}	−0.0	0.9
<i>n</i> Hospitalized	15502	4624
<i>n</i> Life threatening	5028	1348
<i>n</i> Recovered	11441	5239
<i>n</i> Not recovered	27234	6908
<i>n</i> Died	2321	349

[†]Terms queried in SYMPTOMS 1–5 include: amnesia, (a/dys)-phasia, (a/dys/mis)-phonia, autism, bradyphrenia, cognitive (assessment abnormal/disorder/linguistic deficit), confusional state, delirium, delusion, dementia, (dys/copro/echo)-lalia, dysphemia, dysphoria, executive dysfunction, hallucination, (impulse-control/neurodegenerative) disorder, intellectual disability, mental (disability/disorder/impairment), neuropsychiatric (symptoms/syndrome), & psychotic (behavior/disorder/symptom). [‡]Onset of symptoms post vaccine. *n* IDs are all CV-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 (*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'. ^{‡‡‡}Symbols link to respective reports at OpenVAERS. ^{‡‡‡‡}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