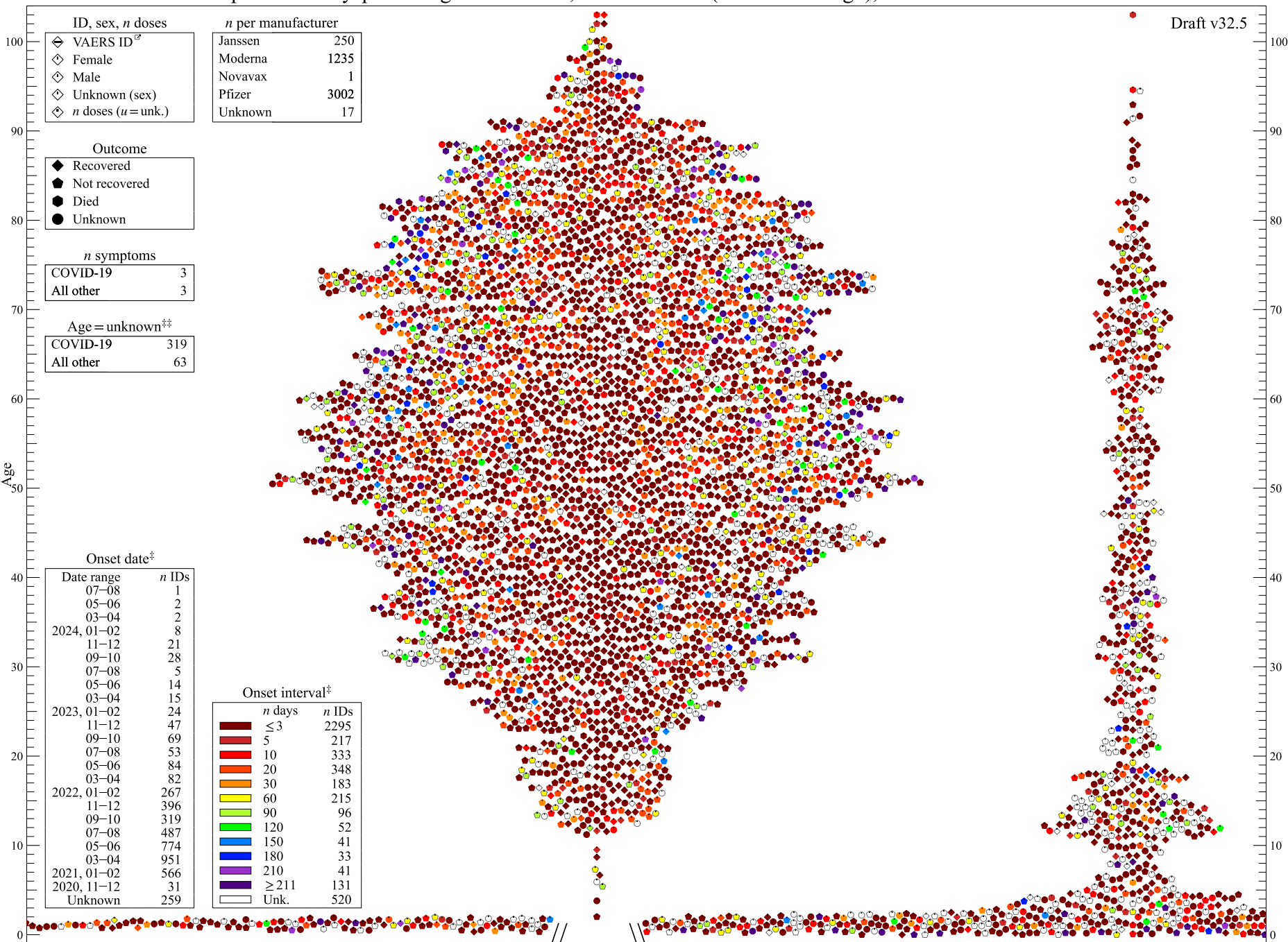


Aphasia and dysphasia: age distribution, VAERS data* (U.S. and foreign), 1990.07–2024.08.30[†]

Draft v32.5



ID, sex, *n* doses

◇ VAERS ID [Ⓔ]
◇ Female
◇ Male
◇ Unknown (sex)
◇ <i>n</i> doses (<i>u</i> =unk.)

***n* per manufacturer**

Janssen	250
Moderna	1235
Novavax	1
Pfizer	3002
Unknown	17

Outcome

◆ Recovered
◆ Not recovered
◆ Died
◆ Unknown

***n* symptoms**

COVID-19	3
All other	3

Age = unknown^{‡‡}

COVID-19	319
All other	63

Onset date[‡]

Date range	<i>n</i> IDs
07–08	1
05–06	2
03–04	2
2024, 01–02	8
11–12	21
09–10	28
07–08	5
05–06	14
03–04	15
2023, 01–02	24
11–12	47
09–10	69
07–08	53
05–06	84
03–04	82
2022, 01–02	267
11–12	396
09–10	319
07–08	487
05–06	774
03–04	951
2021, 01–02	566
2020, 11–12	31
Unknown	259

Onset interval[‡]

<i>n</i> days	<i>n</i> IDs
≤ 3	2295
5	217
10	333
20	348
30	183
60	215
90	96
120	52
150	41
180	33
210	41
≥ 211	131
Unk.	520

	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
<i>n</i> VAERS IDs	4505	1364
μ , Mean ^{‡‡}	56.1	18.0
\hat{x} , Median ^{‡‡}	56.0	2.5
σ , Standard deviation ^{‡‡}	19.8	24.7
γ , Skewness ^{‡‡}	−0.1	1.4
<i>n</i> Hospitalized	2153	396
<i>n</i> Life threatening	666	118
<i>n</i> Recovered	1055	263
<i>n</i> Not recovered	2698	753
<i>n</i> Died	189	25

[†]Terms queried in SYMPTOM fields 1–5 include: aphasia, aphrasia, dysphasia, paraphasia, and schizophrenia.

[‡]Onset of symptoms post vaccine. *n* IDs are all COVID-19.

^{‡‡}NLP 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. [Ⓔ]Symbols link to OpenVAERS.

*VAERS disclaimer (excerpts): "... VAERS is designed to rapidly detect unusual or unexpected patterns of adverse events, also known as 'safety signals'." "... the inclusion of events ... does not infer causality." vaers.hhs.gov/data.html