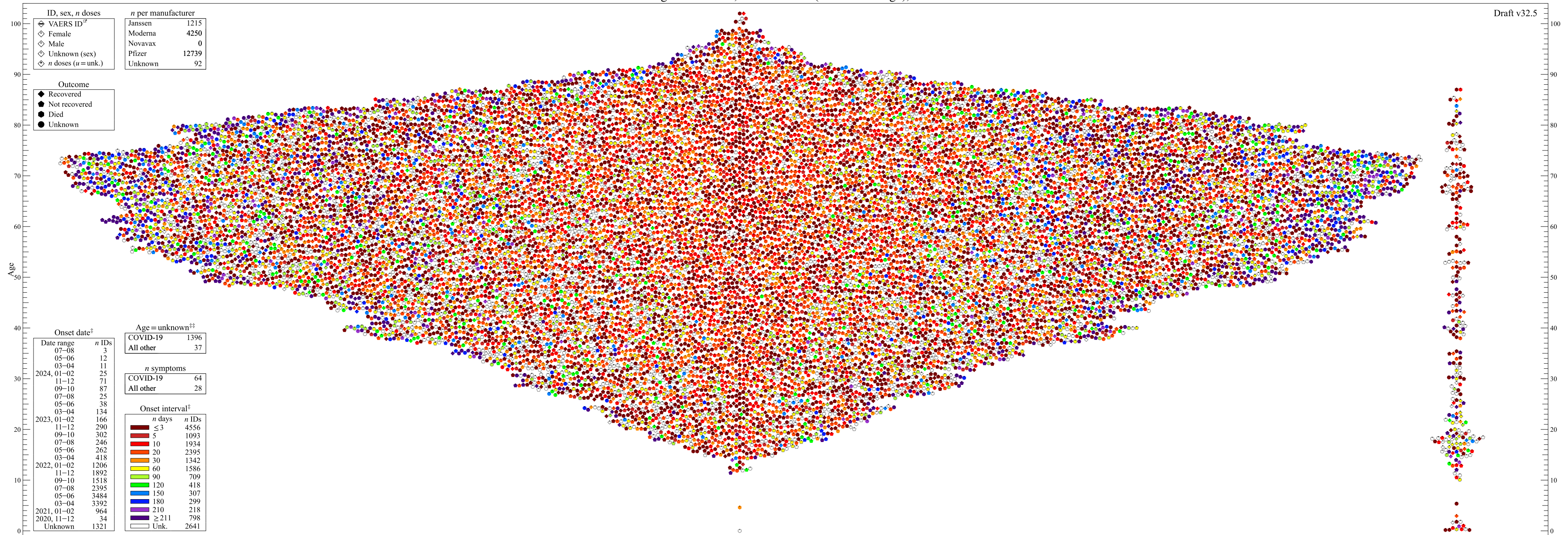


Vascular occlusions: age distribution, VAERS data* (U.S. and foreign), 1990.07–2024.08.30[†]

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ID, sex, <i>n</i> doses		<i>n</i> per manufacturer	
◇ VAERS ID [‡]		Janssen	1215
◇ Female		Moderna	4250
◇ Male		Novavax	0
◇ Unknown (sex)		Pfizer	12739
◇ <i>n</i> doses (<i>u</i> =unk.)		Unknown	92

Outcome	
◆ Recovered	
◆ Not recovered	
● Died	
● Unknown	

Onset date [‡]	
Date range	<i>n</i> IDs
07–08	3
05–06	12
03–04	11
2024, 01–02	25
11–12	71
09–10	87
07–08	25
05–06	38
03–04	134
2023, 01–02	166
11–12	290
09–10	302
07–08	246
05–06	262
03–04	418
2022, 01–02	1206
11–12	1892
09–10	1518
07–08	2395
05–06	3484
03–04	3392
2021, 01–02	964
2020, 11–12	34
Unknown	1321

Age = unknown ^{‡‡}	
COVID-19	1396
All other	37

<i>n</i> symptoms	
COVID-19	64
All other	28

Onset interval [‡]		
<i>n</i> days	<i>n</i> IDs	
≤ 3	4556	Dark Red
5	1093	Red
10	1934	Orange-Red
20	2395	Orange
30	1342	Yellow-Orange
60	1586	Yellow
90	709	Light Green
120	418	Green
150	307	Blue-Green
180	299	Blue
210	218	Purple
≥ 211	798	Dark Purple
Unk.	2641	White

	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
<i>n</i> VAERS IDs	18296	316
μ , Mean ^{‡‡}	59.7	42.1
\hat{x} , Median ^{‡‡}	61.0	40.0
σ , Standard deviation ^{‡‡}	17.7	24.2
γ , Skewness ^{‡‡}	-0.3	0.1
<i>n</i> Hospitalized	12284	198
<i>n</i> Life threatening	6036	115
<i>n</i> Recovered	2517	72
<i>n</i> Not recovered	11985	155
<i>n</i> Died	1275	55

[†]Terms queried in SYMPTOM fields 1–5 include: (vascular/artery/arterial/coronary/pulmonary/vein/venous/vena caval) occlusion/embolism, arterial occlusive disease, lateral medullary syndrome, May-Thurner syndrome, and Moyamoya disease.
[‡]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 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 CV19 missing onset interval data (especially <10 years old) were manually edited using SYMPTOM TEXT. All other data 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 in VAERS data, further analysis is performed with other safety systems, such as the CDC's [VSD and CISA, or FDA BEST]." "VAERS reports may contain information that is incomplete, inaccurate, coincidental, or unverifiable." "Note that the inclusion of events in VAERS data does not infer causality." vaers.hhs.gov