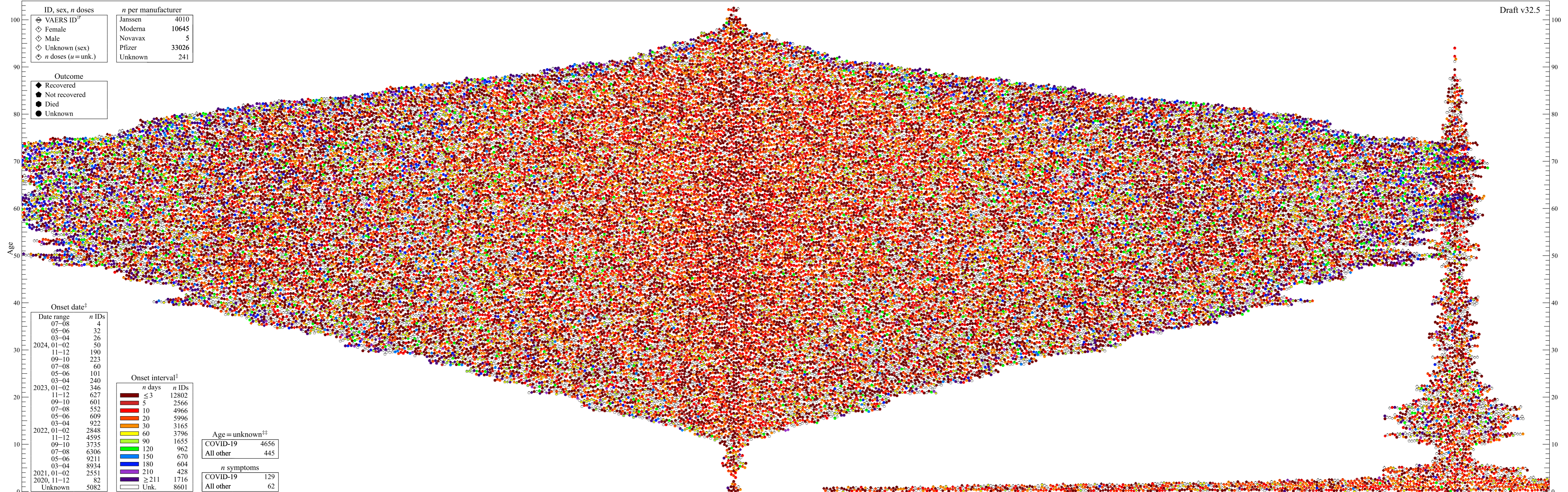


Thrombotic disorders: age distribution, VAERS data* (U.S. and foreign), 1990.07–2024.08.30[†]

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ID, sex, <i>n</i> doses		<i>n</i> per manufacturer	
◇ VAERS ID [‡]		Janssen	4010
◇ Female		Moderna	10645
◇ Male		Novavax	5
◇ Unknown (sex)		Pfizer	33026
◇ <i>n</i> doses (<i>u</i> =unk.)		Unknown	241

Outcome	
◆ Recovered	
● Not recovered	
● Died	
● Unknown	

Onset date [‡]	
Date range	<i>n</i> IDs
07–08	4
05–06	32
03–04	26
2024, 01–02	50
11–12	190
09–10	223
07–08	60
05–06	101
03–04	240
2023, 01–02	346
11–12	627
09–10	601
07–08	552
05–06	609
03–04	922
2022, 01–02	2848
11–12	4595
09–10	3735
07–08	6306
05–06	9211
03–04	8934
2021, 01–02	2551
2020, 11–12	82
Unknown	5082

Onset interval [‡]	
<i>n</i> days	<i>n</i> IDs
≤ 3	12802
5	2566
10	4966
20	5996
30	3165
60	3796
90	1655
120	962
150	670
180	604
210	428
≥ 211	1716
Unk.	8601

Age = unknown ^{‡‡}	
COVID-19	4656
All other	445

<i>n</i> symptoms	
COVID-19	129
All other	62

	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
<i>n</i> VAERS IDs	47927	4194
μ , Mean ^{‡‡}	56.8	19.0
\hat{x} , Median ^{‡‡}	58.0	6.0
σ , Standard deviation ^{‡‡}	18.6	24.0
γ , Skewness ^{‡‡}	-0.2	1.2
<i>n</i> Hospitalized	24010	2723
<i>n</i> Life threatening	11772	842
<i>n</i> Recovered	6537	1514
<i>n</i> Not recovered	30822	1346
<i>n</i> Died	2675	222

[†]Terms queried in SYMPTOM fields 1–5 include: abnormal clotting factor, (Budd-Chiari/Paget-Schroetter) syndrome, hyper- (coagulable/coagulability/coagulation/coagulopathy/prothrombinemia), prothrombotic, pulmonary embolism, (embolic/ischemic/thrombotic) stroke, thrombo- (cytopenia/embolic/embolism/philia/phlebitis), thrombosis, thrombotic, and thrombus. Terms excluded: device, (level/test/time) normal, non-thrombocytopenic, and pseudothrombophlebitis. ^{‡‡}Onset of symptoms post vaccine. [‡]*n* IDs are all COVID-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 (excerpts): "... 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