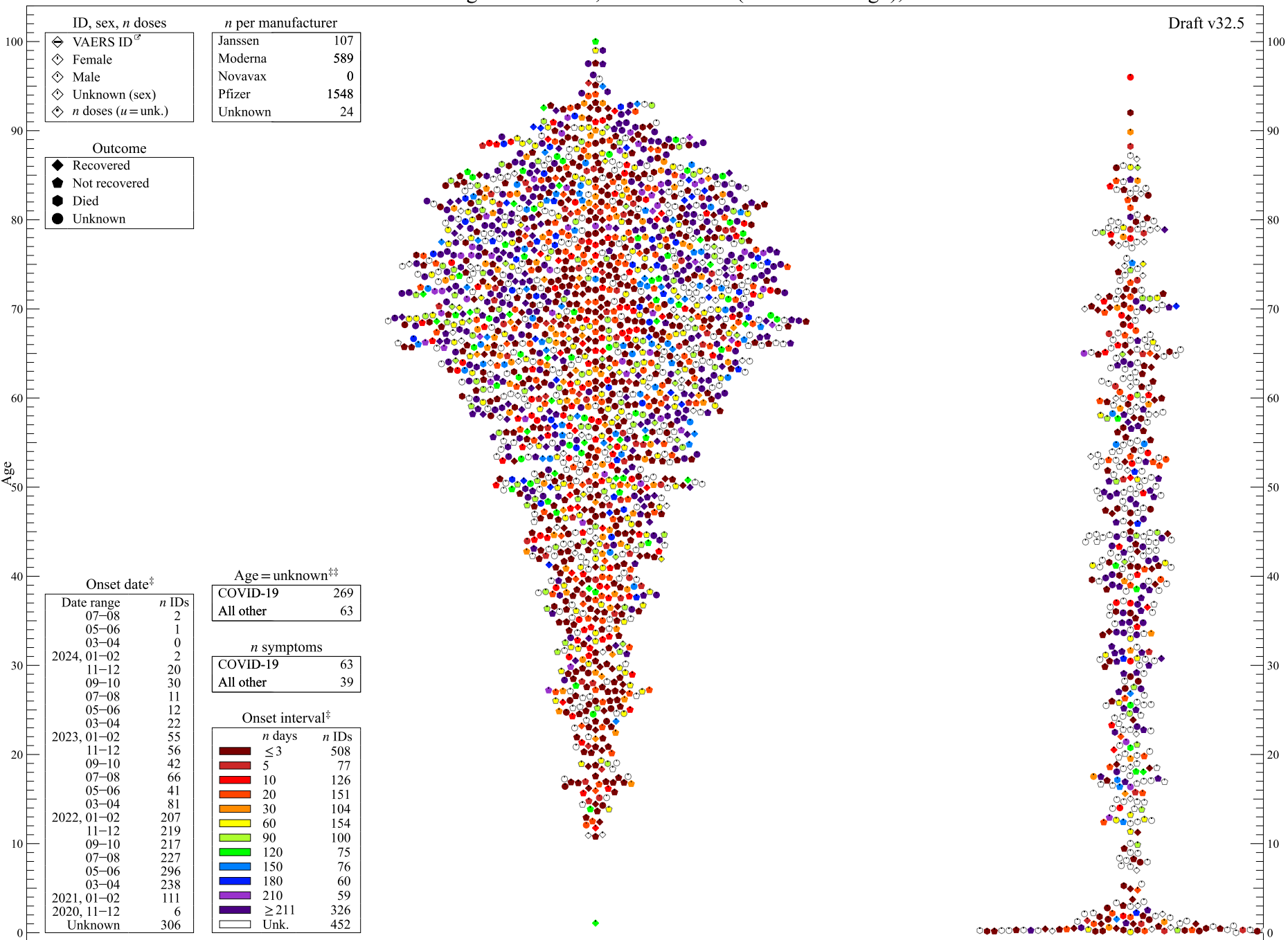


# Fibrosis and fibrotic diseases: age distribution, VAERS data\* (U.S. and foreign), 1990.07–2024.08.30<sup>†</sup>

Draft v32.5



ID, sex, <i>n</i> doses	
◇	VAERS ID <sup>‡</sup>
◇	Female
◇	Male
◇	Unknown (sex)
◇	<i>n</i> doses ( <i>u</i> =unk.)

<i>n</i> per manufacturer	
Janssen	107
Moderna	589
Novavax	0
Pfizer	1548
Unknown	24

Outcome	
◆	Recovered
●	Not recovered
●	Died
●	Unknown

Onset date <sup>‡</sup>	
Date range	<i>n</i> IDs
07–08	2
05–06	1
03–04	0
2024, 01–02	2
11–12	20
09–10	30
07–08	11
05–06	12
03–04	22
2023, 01–02	55
11–12	56
09–10	42
07–08	66
05–06	41
03–04	81
2022, 01–02	207
11–12	219
09–10	217
07–08	227
05–06	296
03–04	238
2021, 01–02	111
2020, 11–12	6
Unknown	306

Age = unknown <sup>‡‡</sup>	
COVID-19	269
All other	63

<i>n</i> symptoms	
COVID-19	63
All other	39

Onset interval <sup>‡</sup>	
<i>n</i> days	<i>n</i> IDs
≤ 3	508
5	77
10	126
20	151
30	104
60	154
90	100
120	75
150	76
180	60
210	59
≥ 211	326
Unk.	452

	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
<i>n</i> VAERS IDs	2268	629
$\mu$ , Mean <sup>‡‡</sup>	64.0	41.0
$\hat{x}$ , Median <sup>‡‡</sup>	67.0	42.5
$\sigma$ , Standard deviation <sup>‡‡</sup>	18.3	25.7
$\gamma$ , Skewness <sup>‡‡</sup>	−0.7	−0.1
<i>n</i> Hospitalized	1370	291
<i>n</i> Life threatening	544	135
<i>n</i> Recovered	341	80
<i>n</i> Not recovered	1312	313
<i>n</i> Died	335	95

<sup>†</sup>Terms queried in SYMPTOMS 1–5 include: endocardial fibroelastosis, fibrosis, fibro- (cystic/thorax), (fibrotic/gliar) scar, Ormond’s disease, scleroderma, & systemic sclerosis. <sup>‡</sup>Onset of symptoms post vaccine. *n* IDs are all CV-19. <sup>‡‡</sup>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. <sup>‡‡‡</sup>Symbols link to OpenVAERS. <sup>‡‡‡‡</sup>VAERS disclaimer (excerpt): “... 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](https://vaers.hhs.gov/data.html)