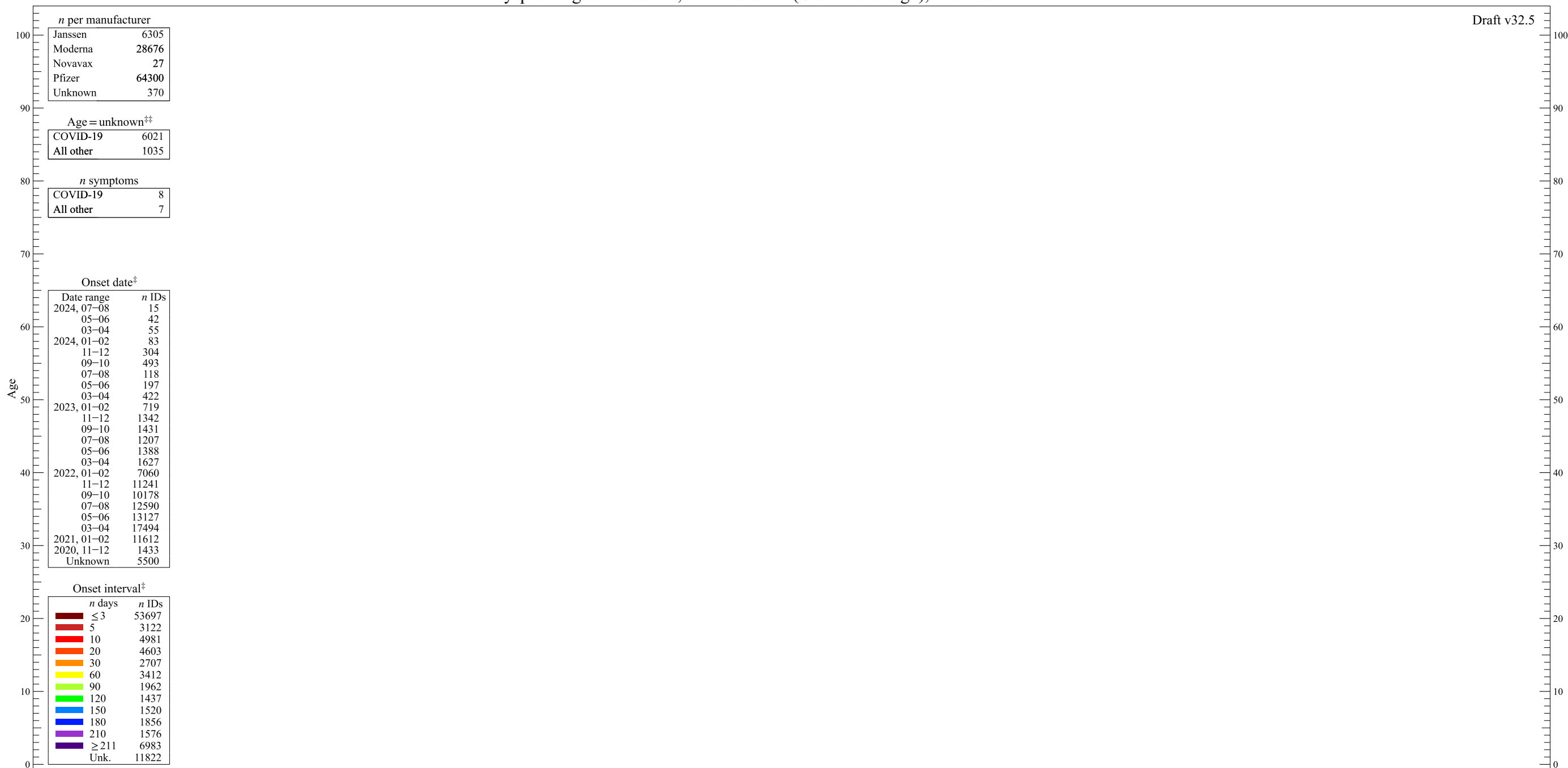


# Dyspnea: age distribution, VAERS data\* (U.S. and foreign), 1990.07–2024.08.30<sup>†</sup>

Draft v32.5



	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
n VAERS IDs	99678	21398
$\mu$ , Mean**	50.8	34.0
$\hat{x}$ , Median**	50.0	32.0
$\sigma$ , Standard deviation**	19.6	24.3
$\gamma$ , Skewness**	0.1	0.3
n Hospitalized	32374	4638
n Life threatening	10995	2050
n Recovered	23364	12165
n Not recovered	53544	4223
n Died	5046	463

<sup>†</sup>Terms queried in SYMPTOM fields 1–5 include: dyspnea and orthopnea.

\*\*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).

<sup>‡</sup>Onset of symptoms post vaccine. n IDs are all COVID-19.

\*VAERS disclaimer (excerpts): "... VAERS is designed to rapidly detect unusual or unexpected patterns of adverse events, also known as 'safety signals'. If a safety signal is found ..., further studies can be done in safety systems such as the CDC's [VSD & CISA]." "Note that the inclusion of events in VAERS data does not infer causality." vaers.hhs.gov