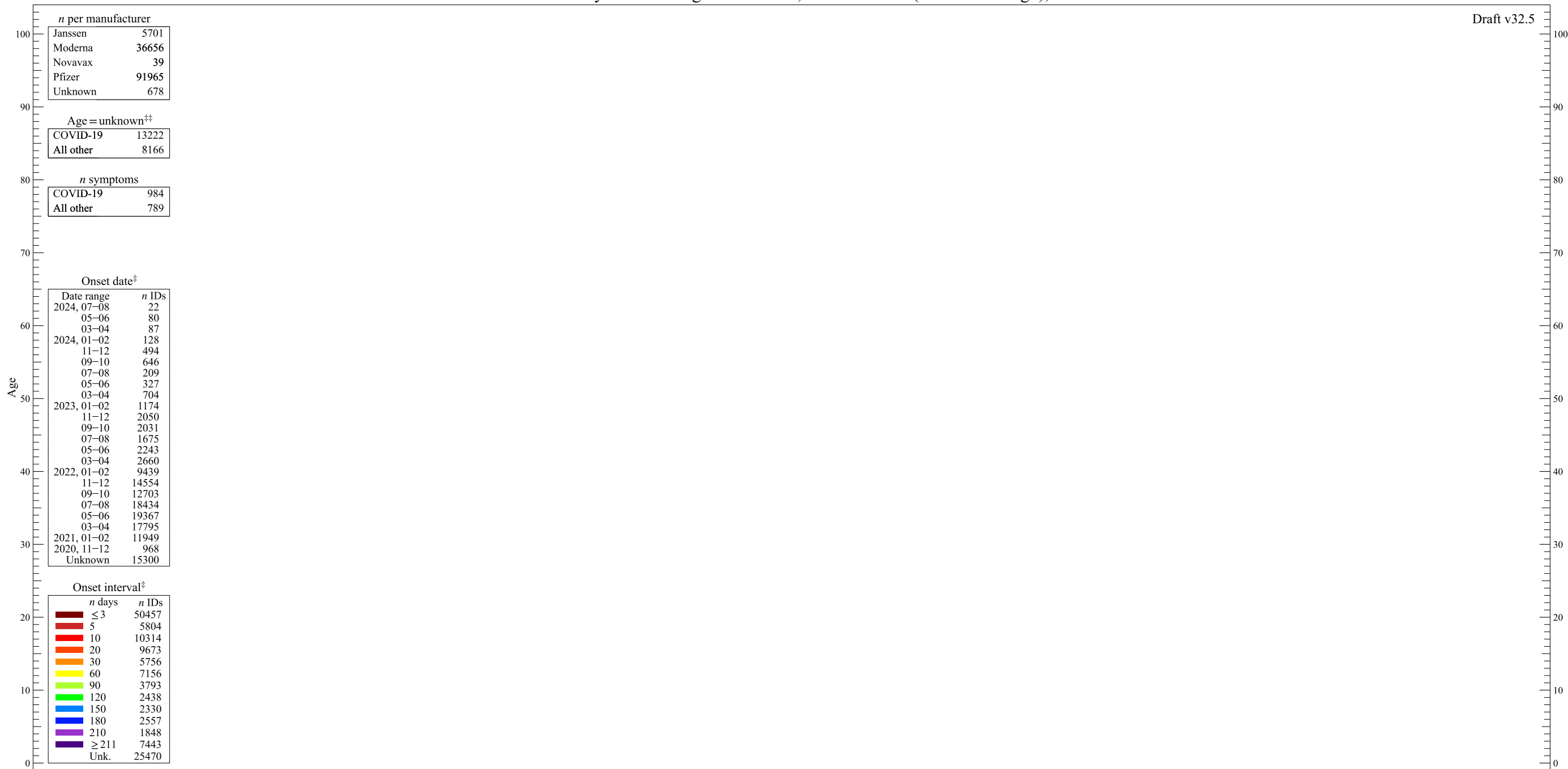


# Inflammation and inflammatory disorders: age distribution, VAERS data\* (U.S. and foreign), 1990.07–2024.08.30<sup>‡</sup>

Draft v32.5



|   | All COVID-19<br>2020.12.14–2024.08.30 | All non-COVID-19<br>1990.07–2020.12.13 |
|---|---------------------------------------|--|
| <i>n</i> VAERS IDs                          | 135039                                | 81322                                  |
| $\mu$ , Mean <sup>**</sup>                  | 51.1                                  | 28.1                                   |
| $\hat{x}$ , Median <sup>**</sup>            | 52.0                                  | 20.0                                   |
| $\sigma$ , Standard deviation <sup>**</sup> | 20.1                                  | 26.8                                   |
| $\gamma$ , Skewness <sup>**</sup>           | −0.0                                  | 0.5                                    |
| <i>n</i> Hospitalized                       | 49298                                 | 20547                                  |
| <i>n</i> Life threatening                   | 12561                                 | 4500                                   |
| <i>n</i> Recovered                          | 25583                                 | 31504                                  |
| <i>n</i> Not recovered                      | 83033                                 | 19885                                  |
| <i>n</i> Died                               | 5755                                  | 1736                                   |

<sup>†</sup>Terms queried in SYMPTOM fields 1–5 include: anaemia of chronic disease/inflammation, ASIA syndrome, cerebellar ataxia, inflammation, inflammatory, -itis, gout, pleurisy, and pneumonia. Terms excluded: hepatitis A/B antibody normal, (implant site, incision site, medical device site (joint), nail fold/bed) inflammation, & inflammatory marker test.

<sup>\*\*</sup>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