



	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
n VAERS IDs	103751	29102
$\mu$ , Mean <sup>**</sup>	48.5	45.7
$\hat{x}$ , Median <sup>**</sup>	48.0	48.0
$\sigma$ , Standard deviation <sup>**</sup>	16.5	20.5
$\gamma$ , Skewness <sup>**</sup>	0.1	-0.2
n Hospitalized	8623	2459
n Life threatening	1534	439
n Recovered	31600	12323
n Not recovered	54760	8467
n Died	373	68

<sup>†</sup>Terms queried in SYMPTOM fields 1–5 include: myalgia, fibromyalgia, and polymyalgia.

<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