



	All COVID-19 2020.12.14–2024.08.30	All non-COVID-19 1990.07–2020.12.13
$n$ VAERS IDs	1773	1684
$\mu$ , Mean <sup>‡‡</sup>	34.0	22.0
$\hat{x}$ , Median <sup>‡‡</sup>	33.0	24.0
$\sigma$ , Standard deviation <sup>‡‡</sup>	9.4	12.1
$\gamma$ , Skewness <sup>‡‡</sup>	1.1	-0.5
$n$ Hospitalized	731	349
$n$ Life threatening	377	122
$n$ Recovered	560	594
$n$ Not recovered	720	341
$n$ Died	217	77

<sup>†</sup>Terms queried in SYMPTOM fields 1–5 include: fetal (arrhythmia, cardiac (arrest, disorder), cerebral (hemorrhage, infarction), damage, disorder, distress syndrome, growth restriction, heart rate abnormal, hemorrhage, hypokinesia, malformation, and placental thrombosis). Terms excluded: fetal death, \_\_\_ normal.  
<sup>‡‡</sup>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. Symbols have a random adjustment within  $\sim \pm 0.5$  yr. <sup>‡</sup>Symbols link to OpenVAERS.  
<sup>\*</sup>VAERS disclaimer (excerpts): "... VAERS is designed to rapidly detect unusual or unexpected patterns of adverse events, also referred to as 'safety signals'. If a possible safety signal is found ..., further analysis is performed with other safety systems, such as [CDC's VSD & CISA, or FDA BEST]." vaers.hhs.gov