

VAERS Summary for COVID-19 Vaccines through 6/28/2024

All charts and tables below reflect the data release on 7/5/2024 from the VAERS website, which includes U.S. and foreign data, and is updated through: **6/28/2024**.

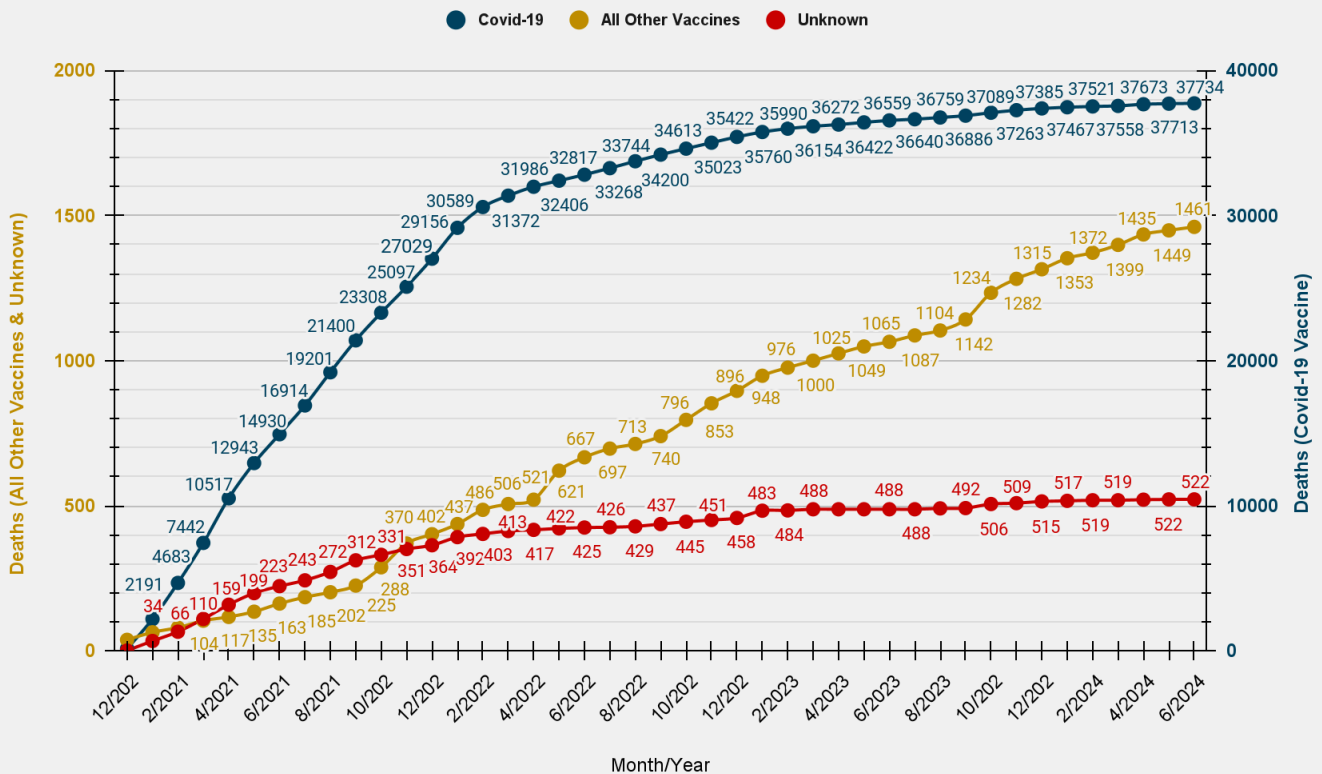
| High-Level Summary | COVID19 vaccines (Dec'2020 - present) | All other vaccines 1990-present | US Data Only COVID19 vaccines (Dec'2020 - present) | US Data Only All other vaccines 1990-present |
|---|---------------------------------------|---------------------------------|--|--|
| Number of Adverse Reactions | 1,642,634 | 991,819 | 1,012,894 | 852,429 |
| Number of Life-Threatening Events | 40,112 | 15,877 | 15,197 | 10,622 |
| Number of Hospitalizations | 217,112 | 92,988 | 90,081 | 41,926 |
| Number of Deaths | 37,734* | 10,830* | 18,951 | 5,753 |
| # of Permanent Disabilities after vaccination | 71,219 | 23,204 | 18,274 | 14,229 |
| Number of Office Visits | 244,157 | 67,906 | 199,491 | 64,449 |
| # of Emergency Room/Department Visits | 155,003 | 220,615 | 118,932 | 210,126 |
| # of Birth Defects after vaccination | 1,374 | 250 | 613 | 132 |

*Note that the total number of deaths associated with the COVID-19 vaccines is more than **TRIPLE** the number of deaths associated with all other vaccines combined since the year 1990.

Deaths

Cumulative Reported Deaths After Vaccination - 3 Year Summary

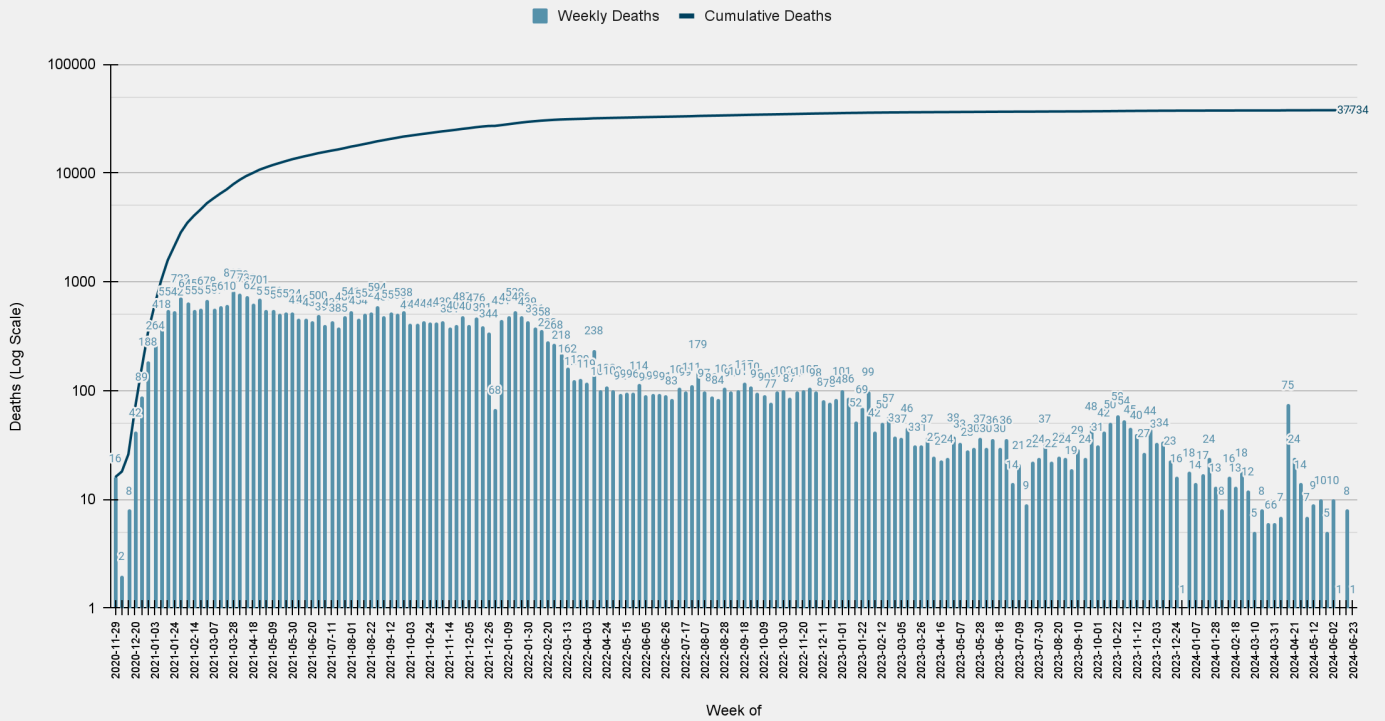
Data obtained from CDC's VAERS



[Unknowns separated from All Other Vaccines for greater clarity; in a majority of cases the Unknowns are actually Covid-19]

Reported Deaths by Week, COVID19 Vaccines

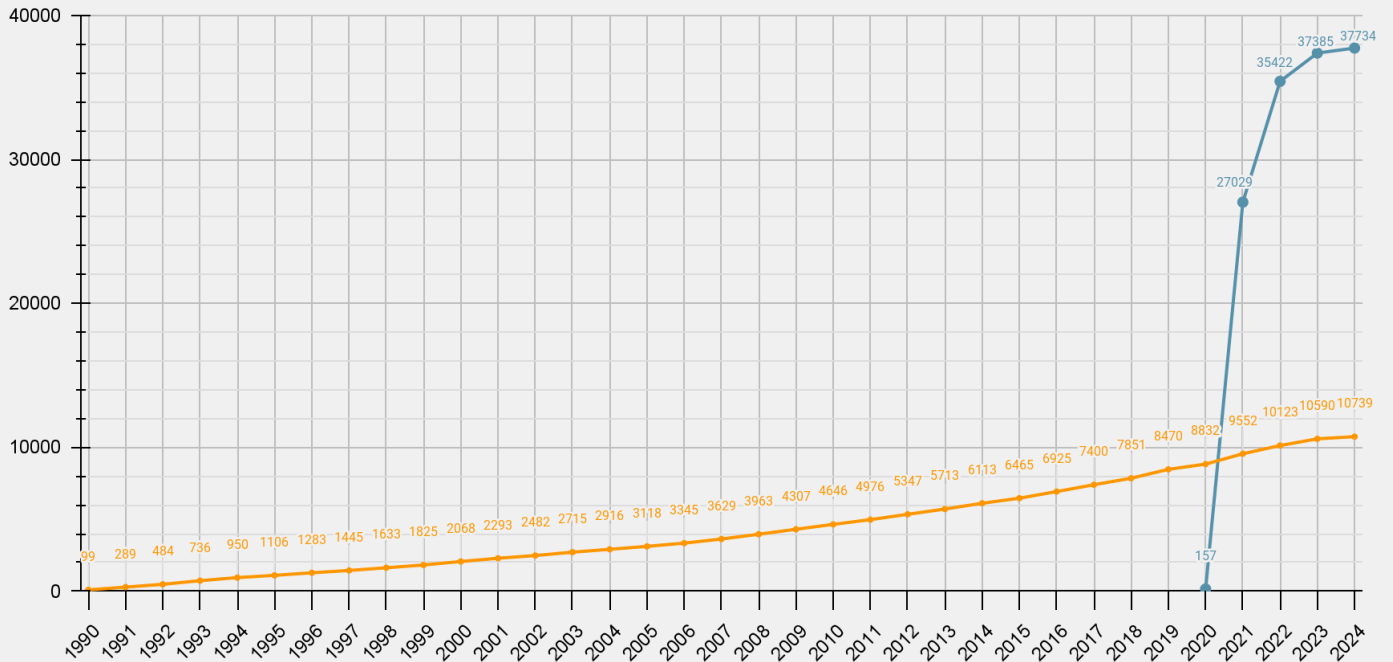
Data Obtained from CDC's VAERS



Reported Deaths by Year, COVID19 vs. All Other Vaccines, Cumulatively

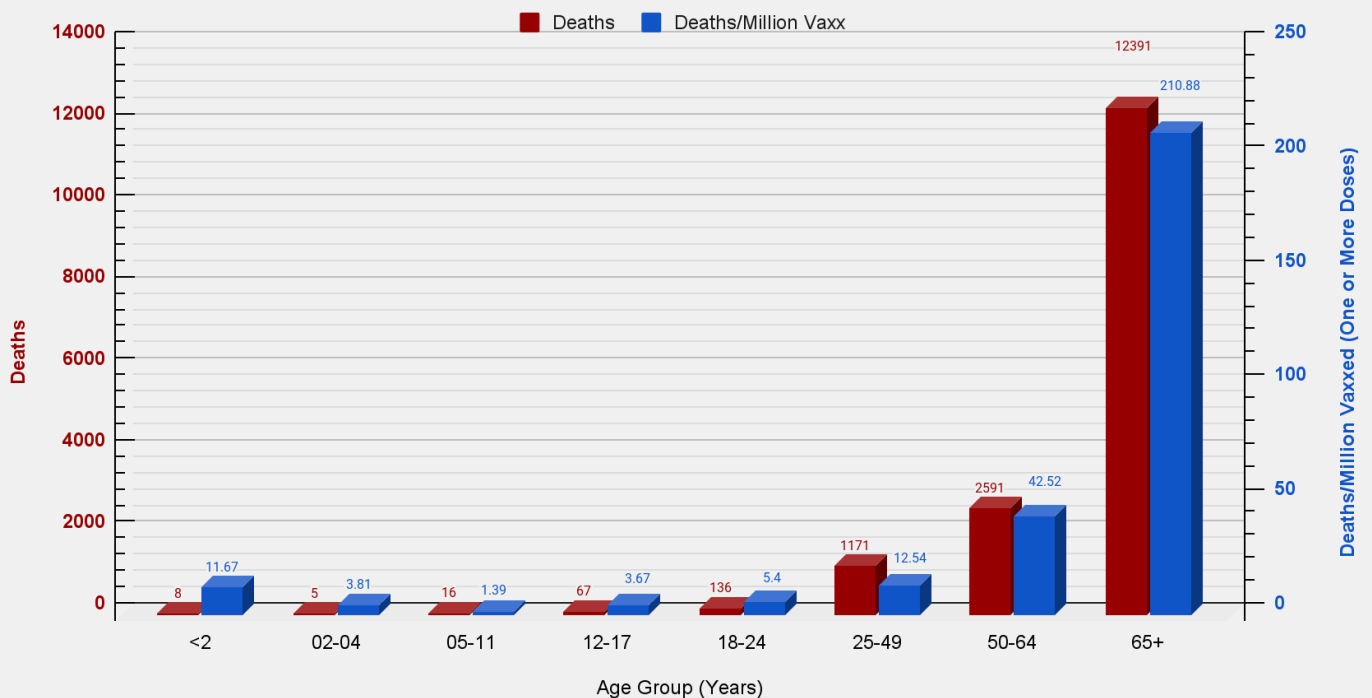
Data Obtained from CDC's VAERS

● COVID19 Vaccines cumulative ● All Other Vaccines cumulative



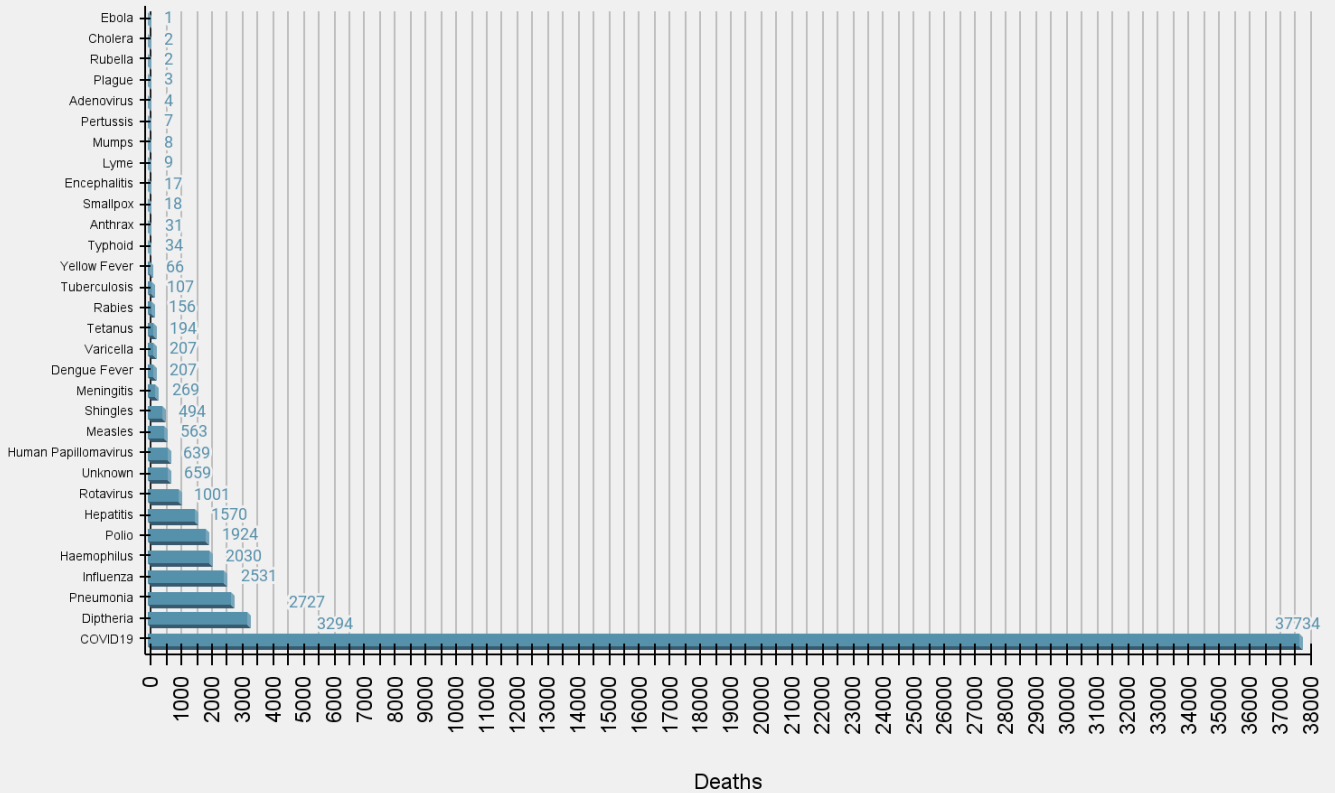
Age Stratification of Deaths After COVID-19 Vaccination US Data Only (12/1/2020-5/12/2023)

Data Obtained from CDC's VAERS



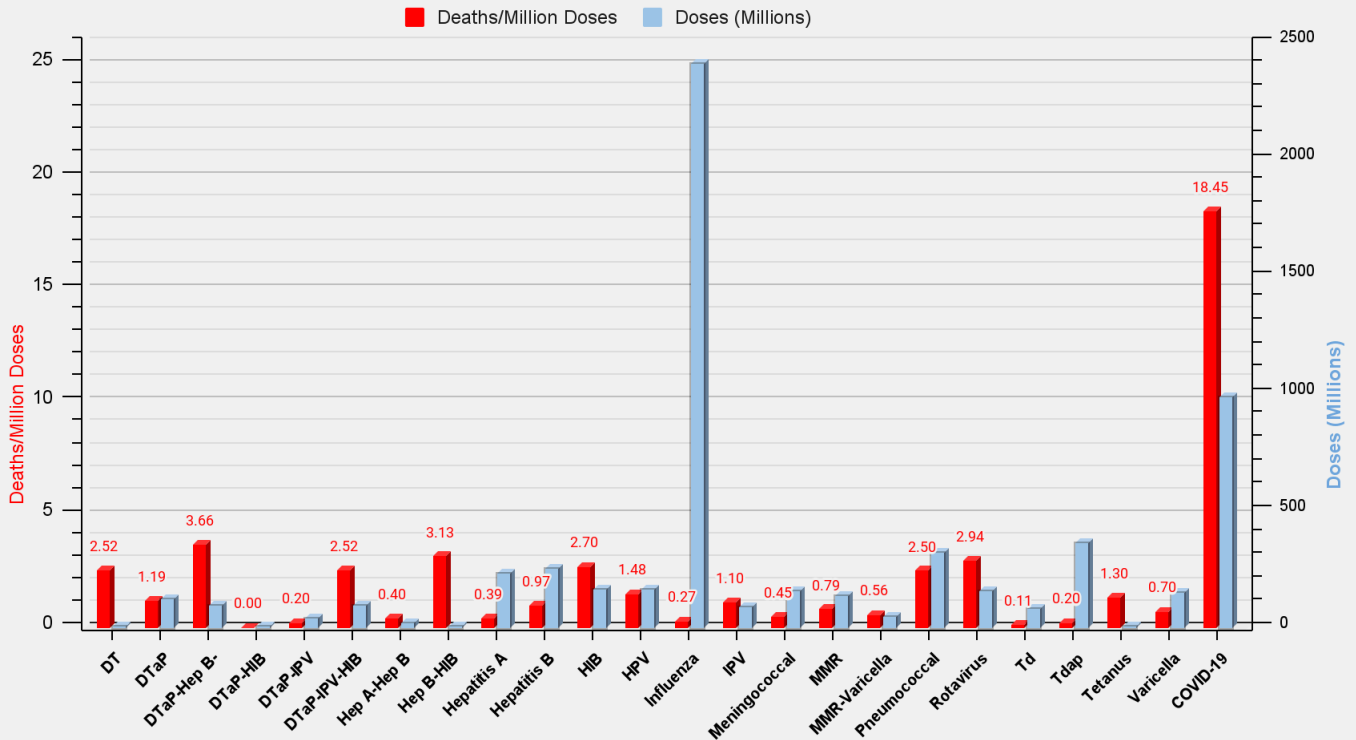
Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



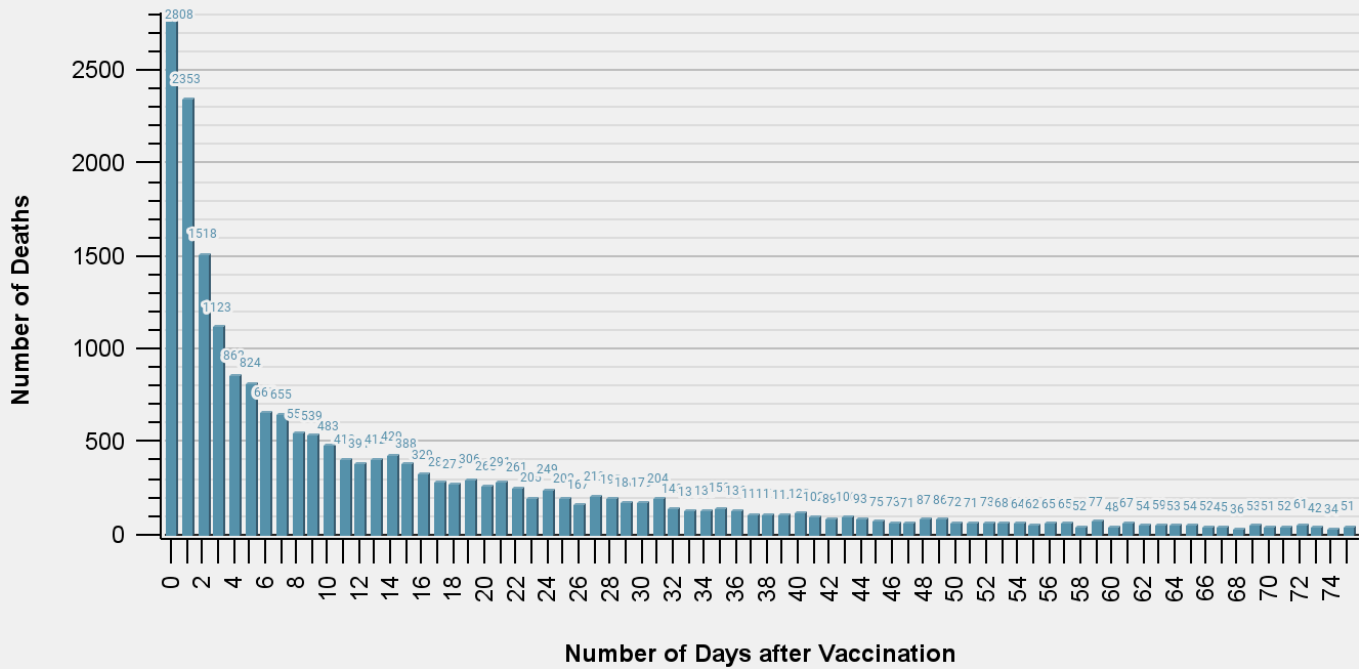
Deaths Per Million Doses (US Only) Traditional Vaccines (1/1/2006 - 12/31/2021), Covid-19 Vaccines (12/1/2020-5/12/2023)

Data Obtained from CDC's VAERS and NVICP data & statistics report



Number of Deaths by Days After COVID19 Vaccination

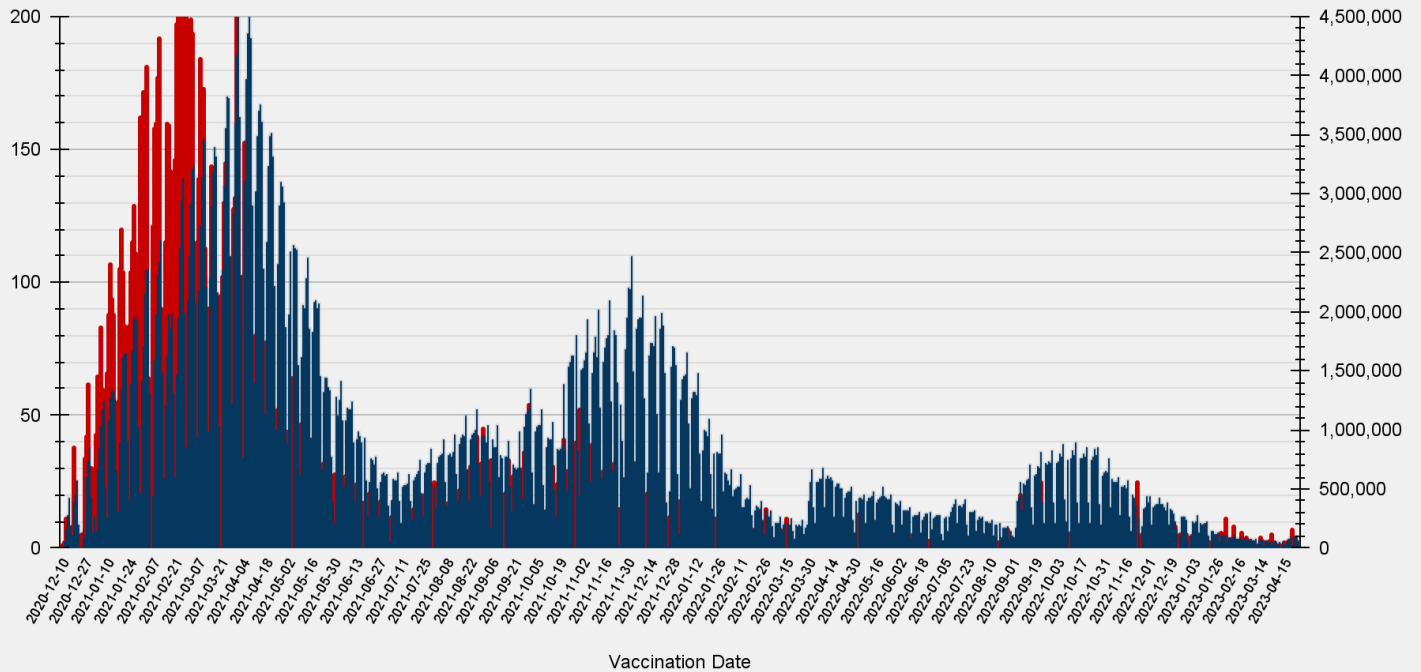
Data obtained from CDC's VAERS



Reported Deaths Daily vs. Doses Administered for COVID19 Vaccines (US Data Only)

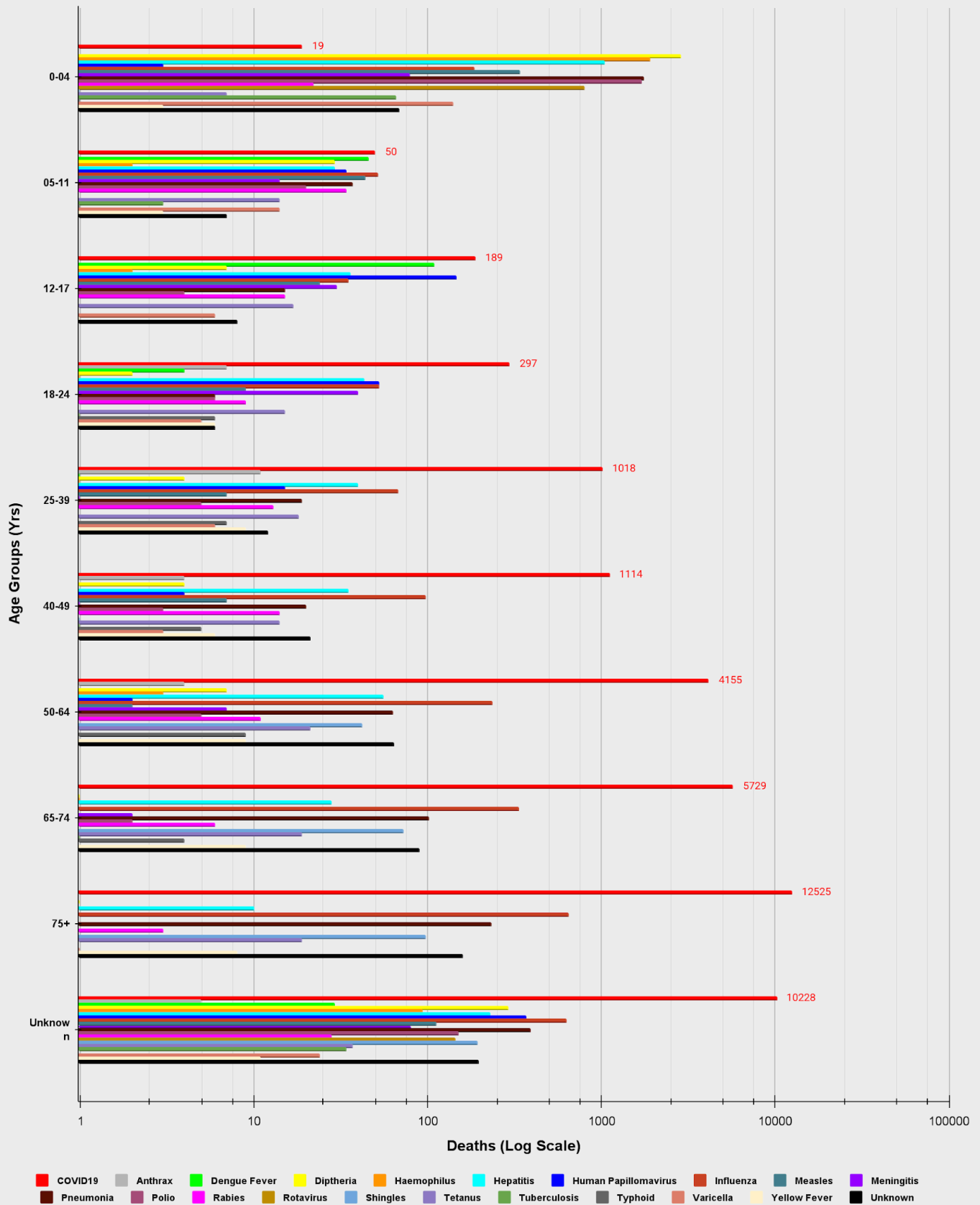
Data Obtained from CDC's VAERS & CDC

■ Number of Deaths ■ Number of Doses



Age Stratification of Deaths By Vaccine Type (US+Foreign) (1/1/1990-5/12/2023)

Data Obtained from CDC's VAERS

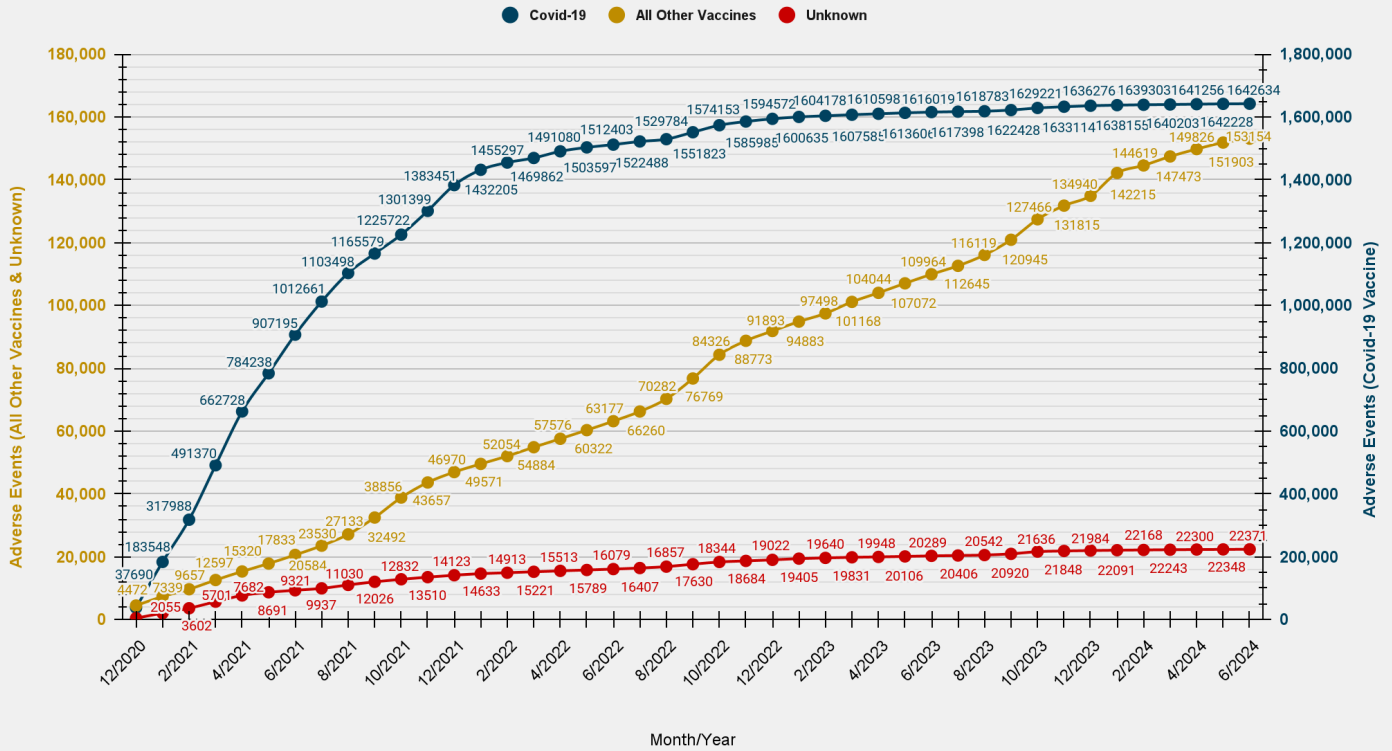


[Vaccines not included above (due to n < 20 overall deaths): Adenovirus, Cholera, Dengue Fever, Encephalitis, Ebola, Lyme, Mumps, Pertussis, Plague, Rubella, Smallpox]

Adverse Events

Cumulative Reported AEs After Vaccination - 3 Year Summary

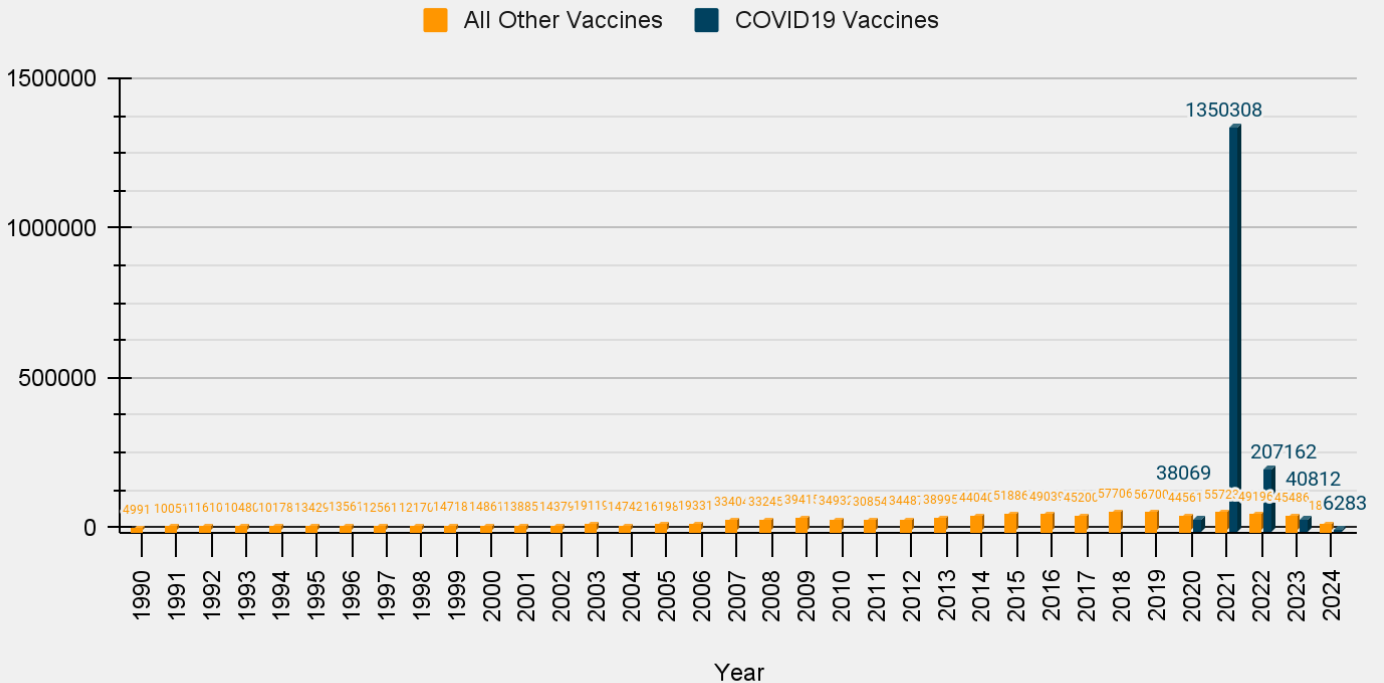
Data obtained from CDC's VAERS



[Unknowns separated from All Other Vaccines for greater clarity; in many cases the Unknowns are actually Covid-19]

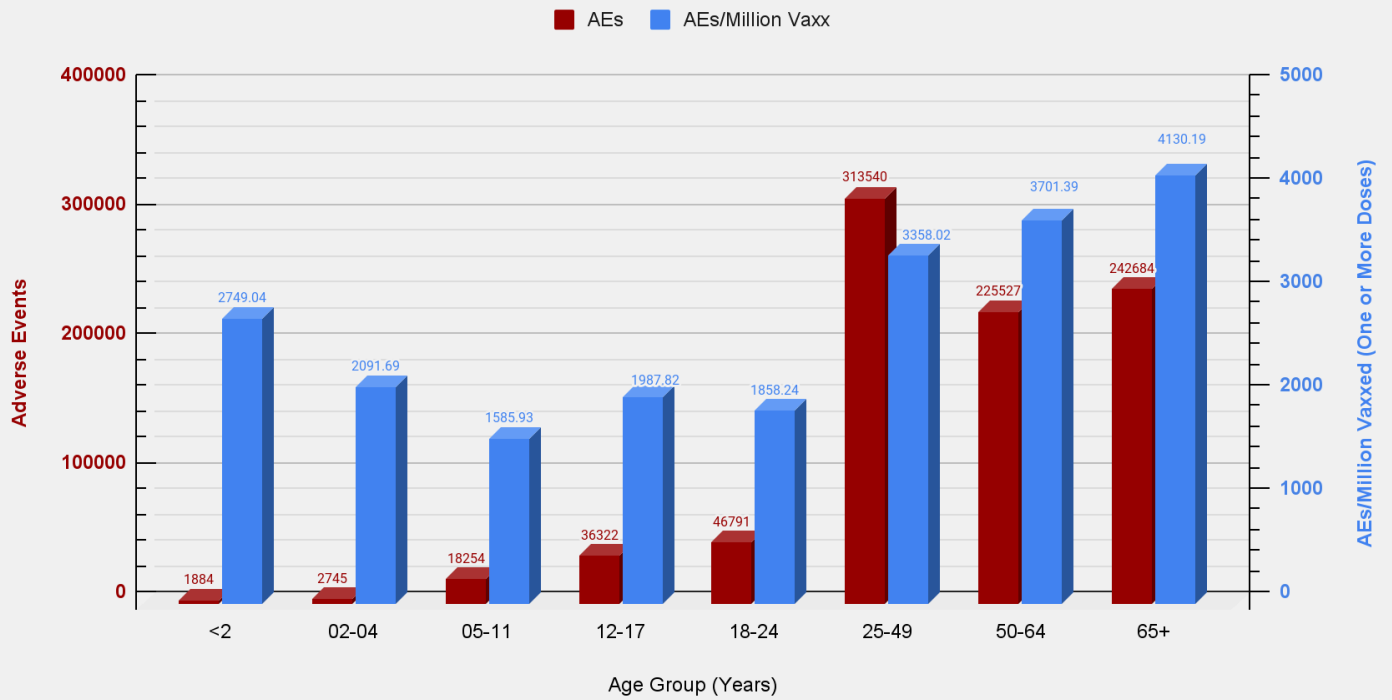
Reported Adverse Events by Year, COVID19 vs. All Other Vaccines

Data obtained from CDC's VAERS



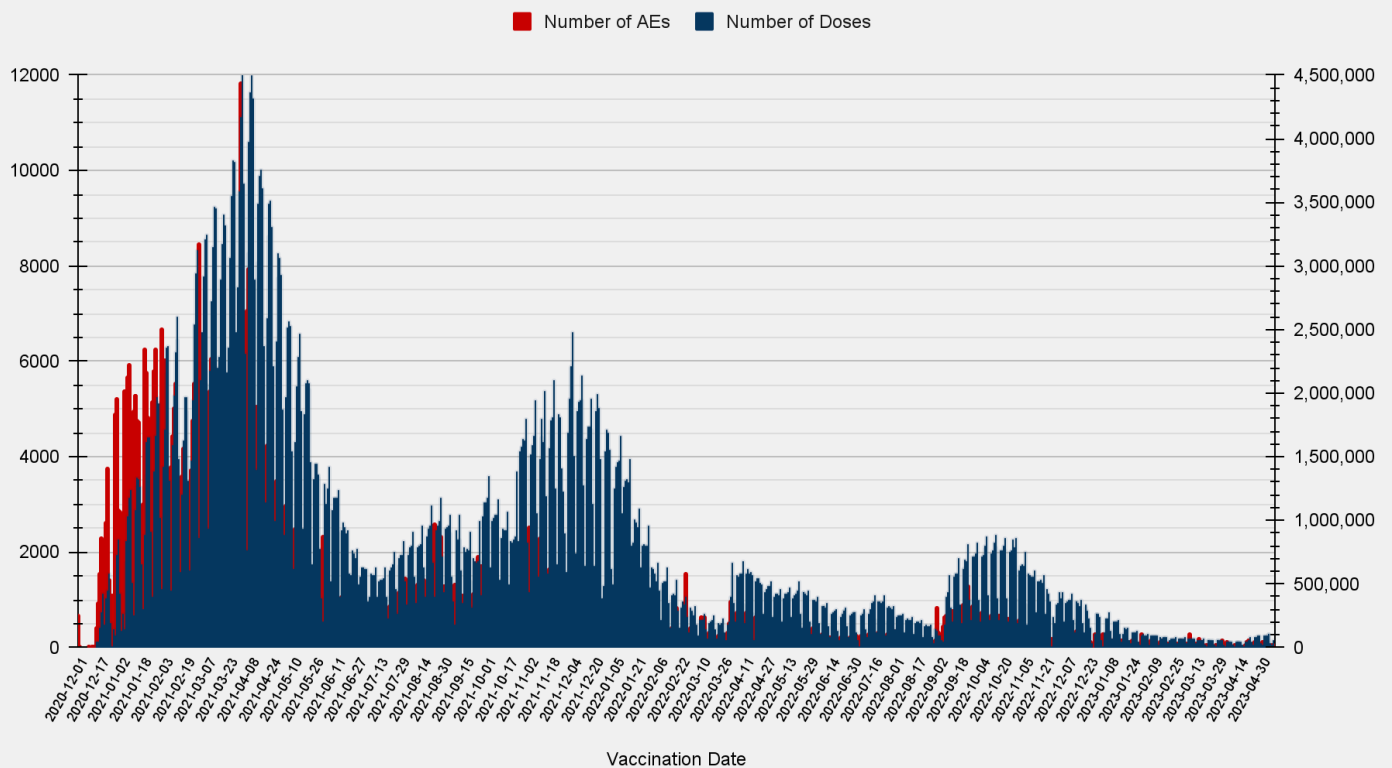
Age Stratification of Adverse Events After COVID-19 Vaccination US Data Only (12/1/2020-5/12/2023)

Data obtained from CDC's VAERS



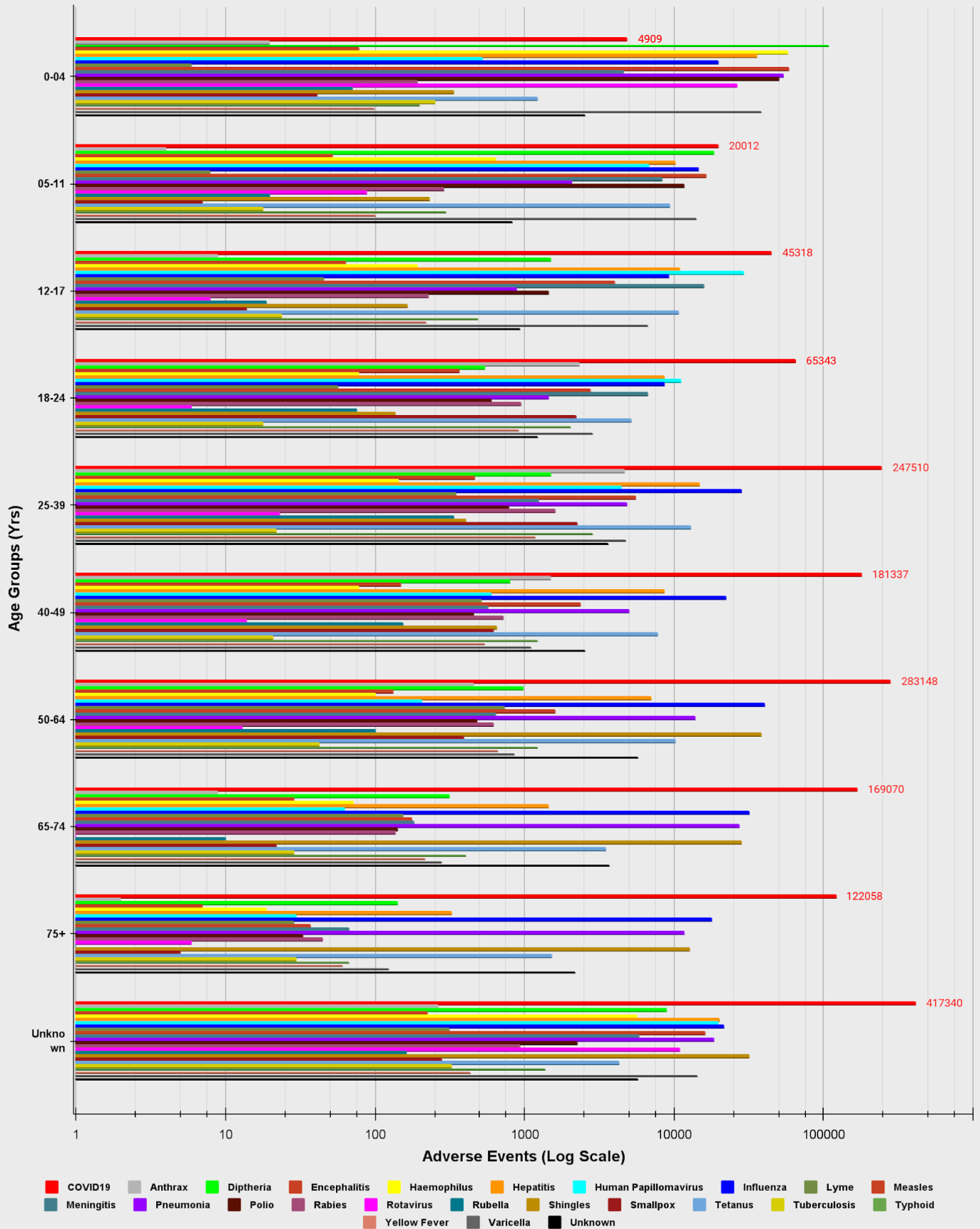
Reported Adverse Events Daily, COVID19 Vaccines vs. Doses Administered (US Data Only)

Data Obtained from CDC's VAERS



Age Stratification of Adverse Events By Vaccine Type (US+Foreign) (1/1/1990-5/12/2023)

Data Obtained from CDC's VAERS



[Vaccines not included above (due to n < 500 overall AEs): Adenovirus, Cholera, Dengue Fever, Ebola, Mumps, Pertussis, Plague]

Symptoms

The slide below was taken from an FDA document from October 22, 2020 and provides a list of possible adverse event outcomes related to the Covid-19 vaccines.

- Source: [Vaccines and Related Biological Products Advisory Committee October 22, 2020 Meeting Presentation](#)

FDA Safety Surveillance of COVID-19 Vaccines :

DRAFT Working list of possible adverse event outcomes

*****Subject to change*****

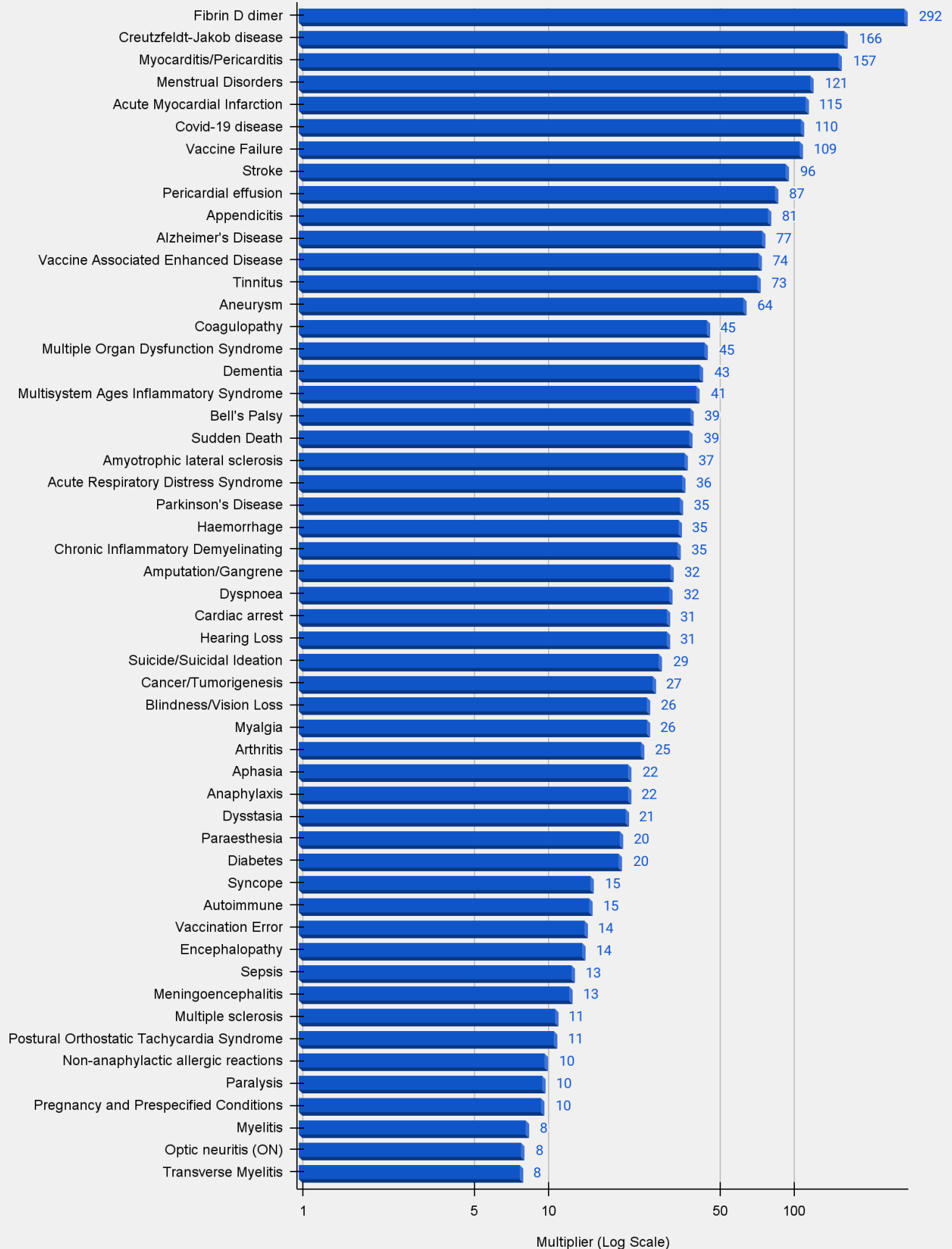
- Guillain-Barré syndrome
 - Acute disseminated encephalomyelitis
 - Transverse myelitis
 - Encephalitis/myelitis/encephalomyelitis/ meningoencephalitis/meningitis/ encephalopathy
 - Convulsions/seizures
 - Stroke
 - Narcolepsy and cataplexy
 - Anaphylaxis
 - Acute myocardial infarction
 - Myocarditis/pericarditis
 - Autoimmune disease
- Deaths
 - Pregnancy and birth outcomes
 - Other acute demyelinating diseases
 - Non-anaphylactic allergic reactions
 - Thrombocytopenia
 - Disseminated intravascular coagulation
 - Venous thromboembolism
 - Arthritis and arthralgia/joint pain
 - Kawasaki disease
 - Multisystem Inflammatory Syndrome in Children
 - Vaccine enhanced disease

The following table lists the number of adverse events found in the VAERS data which match the outcomes listed above:

| FDA listed symptom | Total (Non-Lethal) Adverse Events | Total Deaths | Total (Non-Lethal) AEs for All Other Vaccines (1990-present) | Total Deaths for All Other Vaccines (1990-present) |
|---|-----------------------------------|--------------|--|--|
| Guillain-Barre | 3581 | 82 | 5032 | 157 |
| Acute Disseminated Encephalomyelitis | 297 | 9 | 500 | 30 |
| Transverse Myelitis | 787 | 10 | 889 | 16 |
| Encephalitis | 3783 | 511 | 5232 | 504 |
| Convulsions/Seizures | 17398 | 581 | 31549 | 558 |
| Stroke | 13047 | 1056 | 1849 | 114 |
| Narcolepsy, Cataplexy | 343 | 7 | 384 | 3 |
| Anaphylaxis | 53478 | 191 | 44141 | 183 |
| Acute Myocardial Infarction (Heart Attack) | 7403 | 1829 | 422 | 180 |
| Myocarditis/Pericarditis | 26654 | 497 | 1151 | 102 |
| Autoimmune Disease | 3366 | 44 | 1343 | 20 |
| Other Acute Demyelinating Diseases | 532 | 10 | 919 | 26 |
| Pregnancy and birth outcomes (Miscarriages) | 5221 | 170 | 3052 | 59 |
| Other Allergic Reactions | 2970 | 5 | 2384 | 3 |
| Thrombocytopenia | 5562 | 490 | 3680 | 135 |
| Disseminated Intravascular Coagulation | 347 | 117 | 66 | 32 |
| Venous Thromboembolism | 30481 | 1822 | 926 | 135 |
| Arthritis and Arthralgia/Joint Pain | 97303 | 343 | 32334 | 86 |
| Kawasaki Disease | 113 | 2 | 826 | 9 |
| Systemic Inflammatory Response Syndrome | 1217 | 75 | 448 | 11 |

Average Annual Adverse Events by Symptom for Covid-19 Vaccines as a Multiple of All Other Vaccines Combined since 1990

(Data from VAERS through 6/28/24)



Vaccination Related Risks of Covid-19 vs. Flu

These set of figures compare the COVID19 vaccine to the traditional Flu vaccines. 'Risk of Death' percentages depend on the '# of Vaccinations' data, which is only approximate, and was pulled from the [CDC's report](#) on Flu vaccination coverage for the 2019-2020 season, and from [CDC's Vaccination Trends in the US](#) for the COVID19 vaccinations.

Covid19 vaccinations through 5/31/2021 vs. Flu vaccinations 7/1/2019 - 5/31/2020 (last complete flu season)

| Vaccine Type | # of Vaccinations ^[3] | # of Deaths | Risk of Death | Percentage | Deaths/Mill. Vaccinations ^[3] |
|---|----------------------------------|-------------|----------------|------------|--|
| Flu | 167,447,642 ¹ | 34 | 1 in 4,924,931 | 0.000020% | 0.20 |
| COVID19 | 173,638,666 ² | 6,521 | 1 in 26,628 | 0.003755% | 37.55 |
| Risk of dying from COVID vaccine is 185 times greater than Flu Vaccine | | | | | |

| Vaccine Type | # of Vaccinations ^[3] | # of Adverse Reactions | Risk of Adverse Reaction | Percentage | AEs/Mill. Vaccinations ^[3] |
|---|----------------------------------|------------------------|--------------------------|------------|---------------------------------------|
| Flu | 167,447,642 | 9,748 | 1 in 17,178 | 0.005822% | 58.220 |
| COVID19 | 173,638,666 | 599,686 | 1 in 290 | 0.345364% | 3,453.64 |
| Risk of adverse reaction from COVID vaccine is 59 times greater than Flu Vaccine | | | | | |

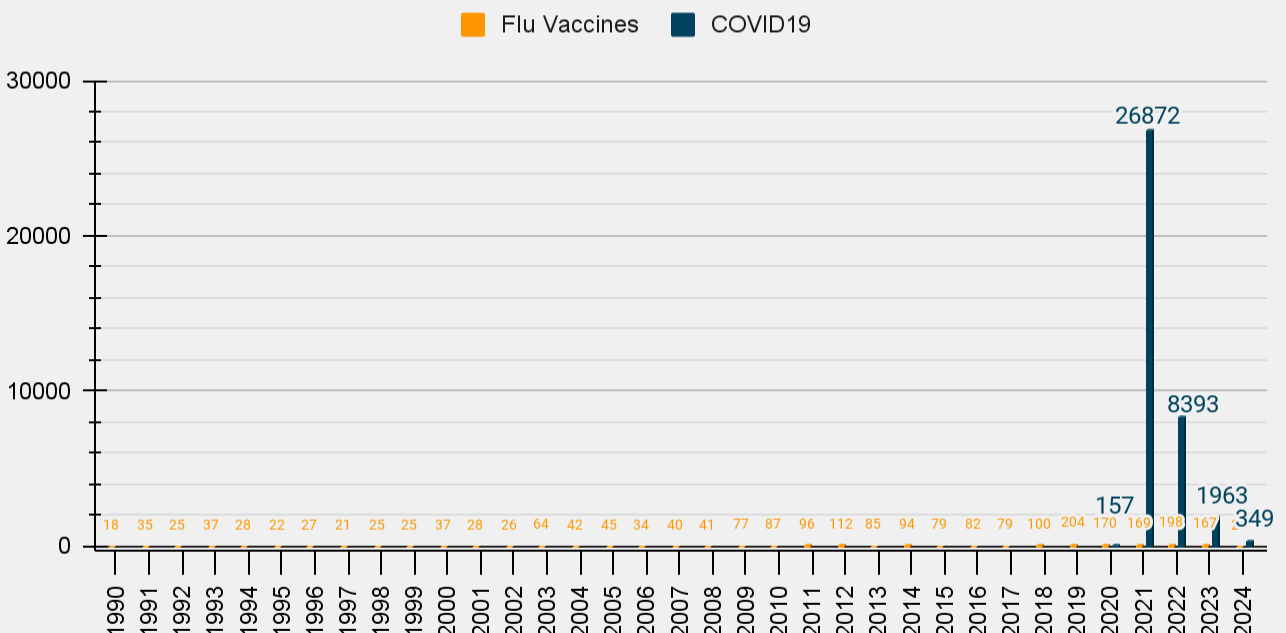
[1] number of flu vaccinations based on estimated flu vaccine coverage data from [CDC](#) and estimated population data from [US Census](#). Yearly flu vaccination data covers a period of time from 7/1 to 5/31 of the following year.

[2] number of covid19 vaccinations based on estimates from [CDC's Vaccination Trends in the US](#)

[3] Persons vaccinated with at least one dose.

Reported Deaths by Year, COVID19 vs. Flu Vaccines

Data Obtained from CDC's VAERS



Vaccine Data by Manufacturer

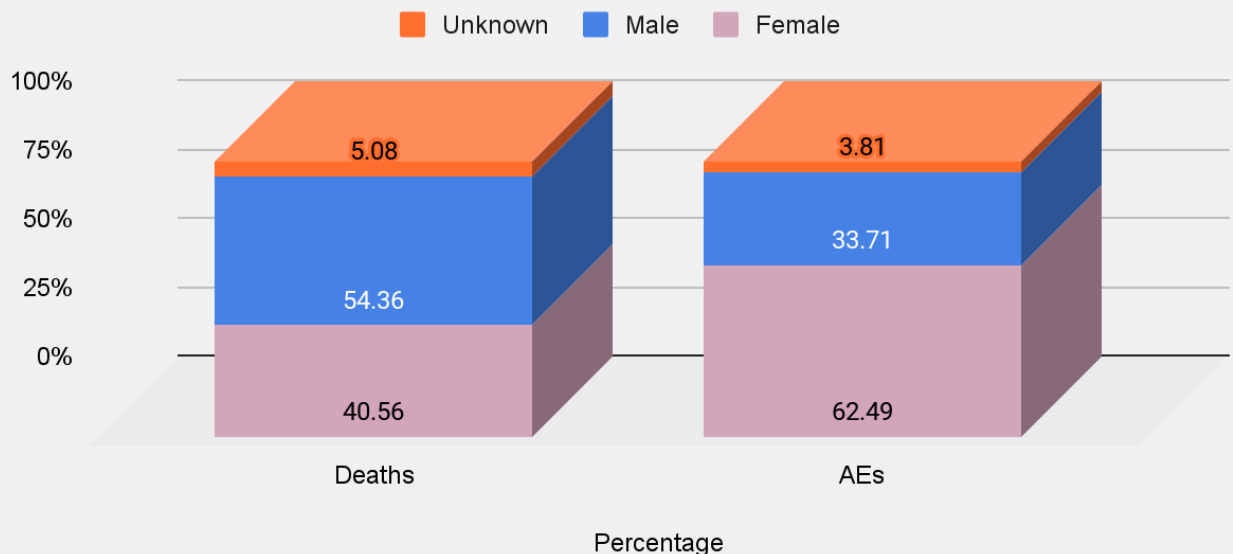
| Manufacturer | # of Deaths | % Deaths | Average Deaths/Day | # US Deaths | # US Doses Administered (12/1/20-5/12/23) | US Deaths/ Mill. Doses (12/1/20-5/12/23) | Days since EUA approval | EUA Approval Date |
|------------------|-------------|----------|--------------------|-------------|---|--|-------------------------|-------------------|
| Janssen (JNJ) | 2884 | 7.6 | 2.37 | 1916 | 19007537 | 104.8 | 1218 | 2/26/2021 |
| Moderna | 10808 | 28.46 | 8.39 | 8247 | 232147784 | 32.65 | 1288 | 12/18/2020 |
| Pfizer/Biontech | 23455 | 61.77 | 18.11 | 8430 | 366979906 | 21.15 | 1295 | 7/13/2022 |
| Unknown | 305 | 0.8 | | 79 | 890835 | | | |
| Novavax | 5 | 0.01 | 0.01 | 5 | 89195 | 0 | 716 | 9/1/2022 |
| Pfizer-Bivalent | 350 | 0.92 | 0.53 | 232 | 36730941 | 4.38 | 666 | 9/1/2022 |
| Moderna-Bivalent | 192 | 0.51 | 0.29 | 163 | 20781667 | 4.62 | 666 | 9/1/2022 |

| Manufacturer | # of AEs | % AEs | Average AEs/Day | # US AEs | # US Doses Administered (12/1/20-5/12/23) | US AEs/Mill. Doses (12/1/20-5/12/23) | Days since EUA approval | EUA Approval Date |
|------------------|----------|-------|-----------------|----------|---|--------------------------------------|-------------------------|-------------------|
| Janssen (JNJ) | 99461 | 6 | 81.66 | 73143 | 19007537 | 3836.37 | 1218 | 2/26/2021 |
| Moderna | 541577 | 32.65 | 420.48 | 447113 | 232147784 | 1830.9 | 1288 | 12/18/2020 |
| Pfizer/Biontech | 959360 | 57.84 | 740.82 | 452587 | 366979906 | 1179.31 | 1295 | 7/13/2022 |
| Unknown | 14600 | 0.88 | 0.73 | 7294 | 890835 | | 688 | |
| Novavax | 509 | 0.03 | 0.71 | 482 | 89195 | 3116.77 | 716 | 12/11/2020 |
| Pfizer-Bivalent | 25348 | 1.53 | 38.06 | 23579 | 36730941 | 510.88 | 666 | 9/1/2022 |
| Moderna-Bivalent | 18451 | 1.11 | 27.7 | 17399 | 20781667 | 613.43 | 666 | 9/1/2022 |

Vaccine Data by Gender

Gender Distribution of Reported Deaths and AEs after COVID19 Vaccination

All Data Obtained from CDC's VAERS

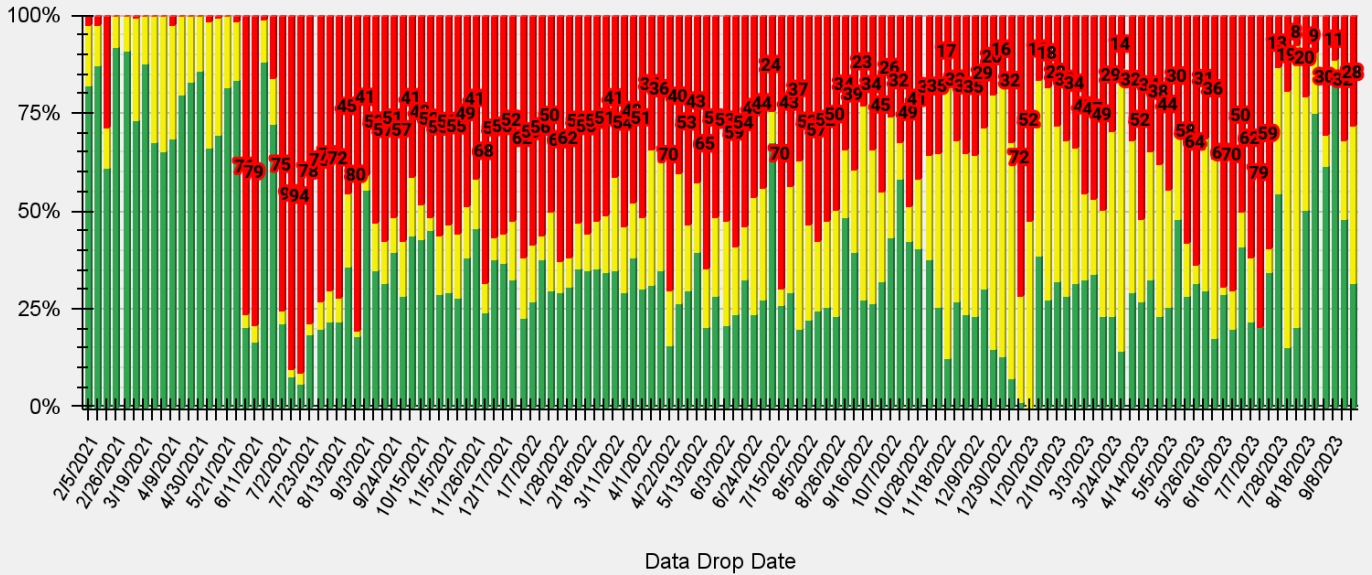


Vaccine Data by Location

Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS

Foreign % Unknown % US %

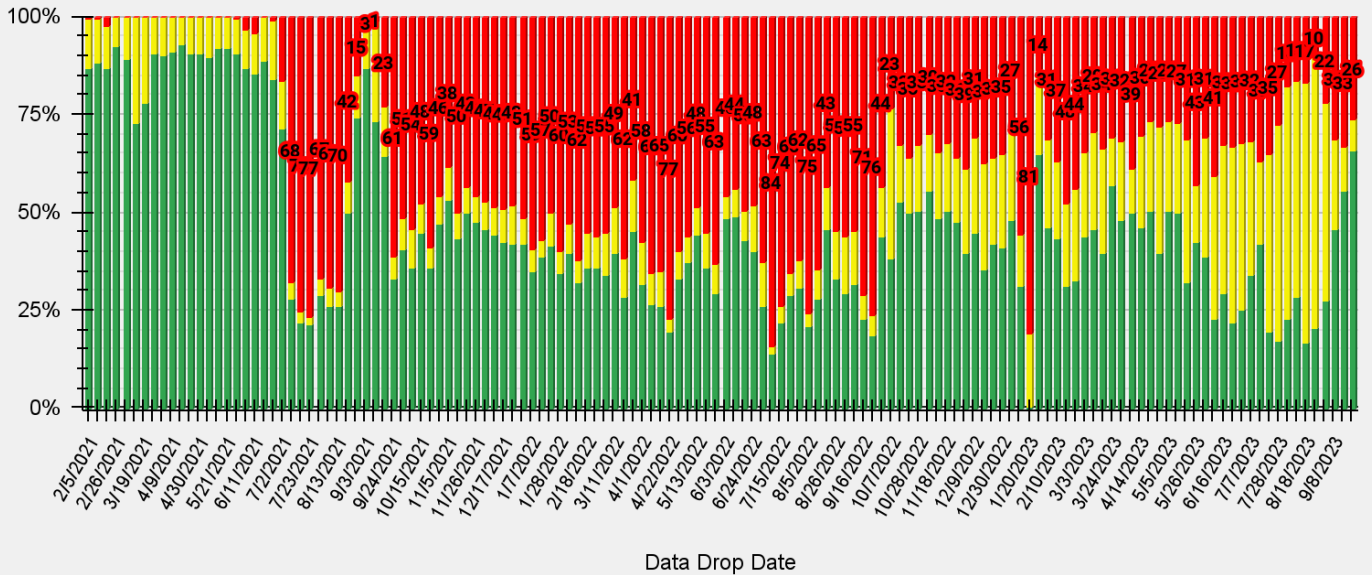


Data Drop Date

Distribution by Location of Reported Adverse Events after COVID19 Vaccination

All Data Obtained from CDC's VAERS

Foreign % Unknown % US %

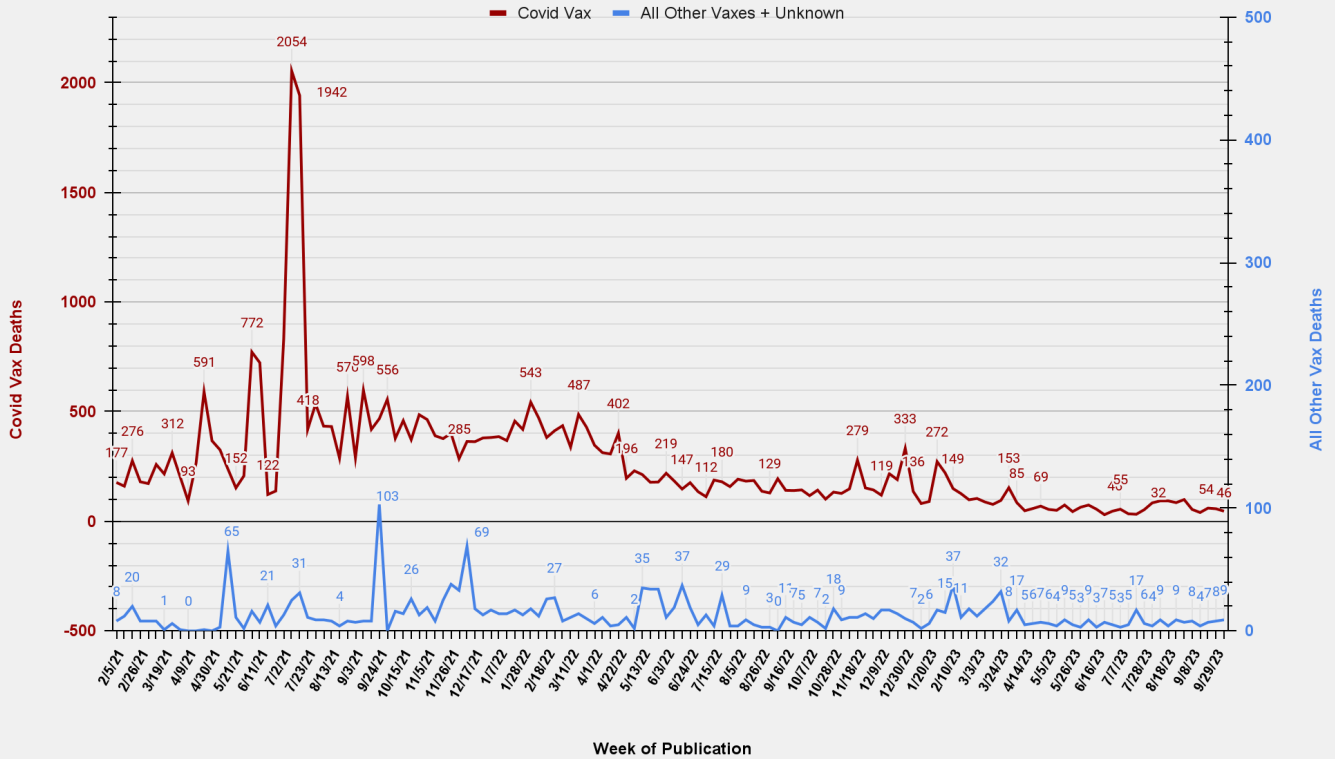


Data Drop Date

VAERS Weekly Publication History

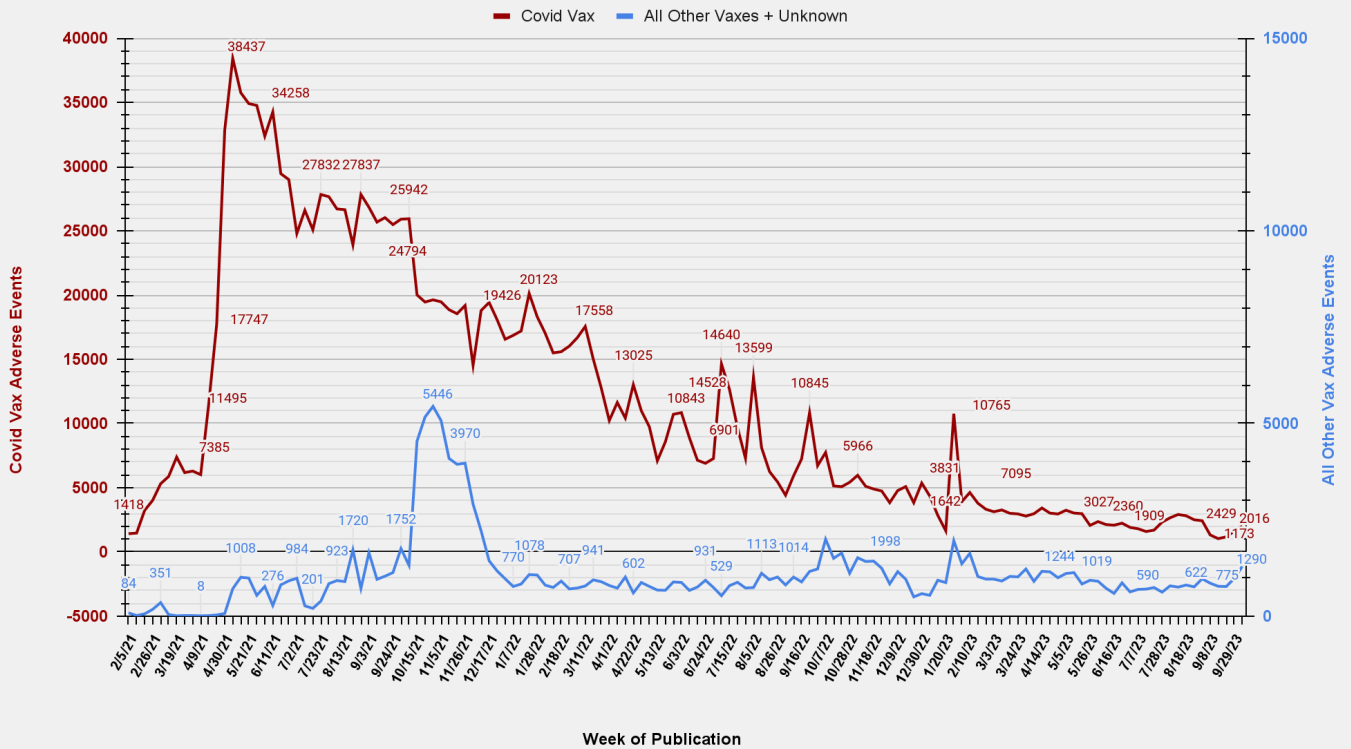
New VAERS Deaths Published by Week

All Data Obtained from CDC's VAERS



New VAERS Adverse Events Published by Week

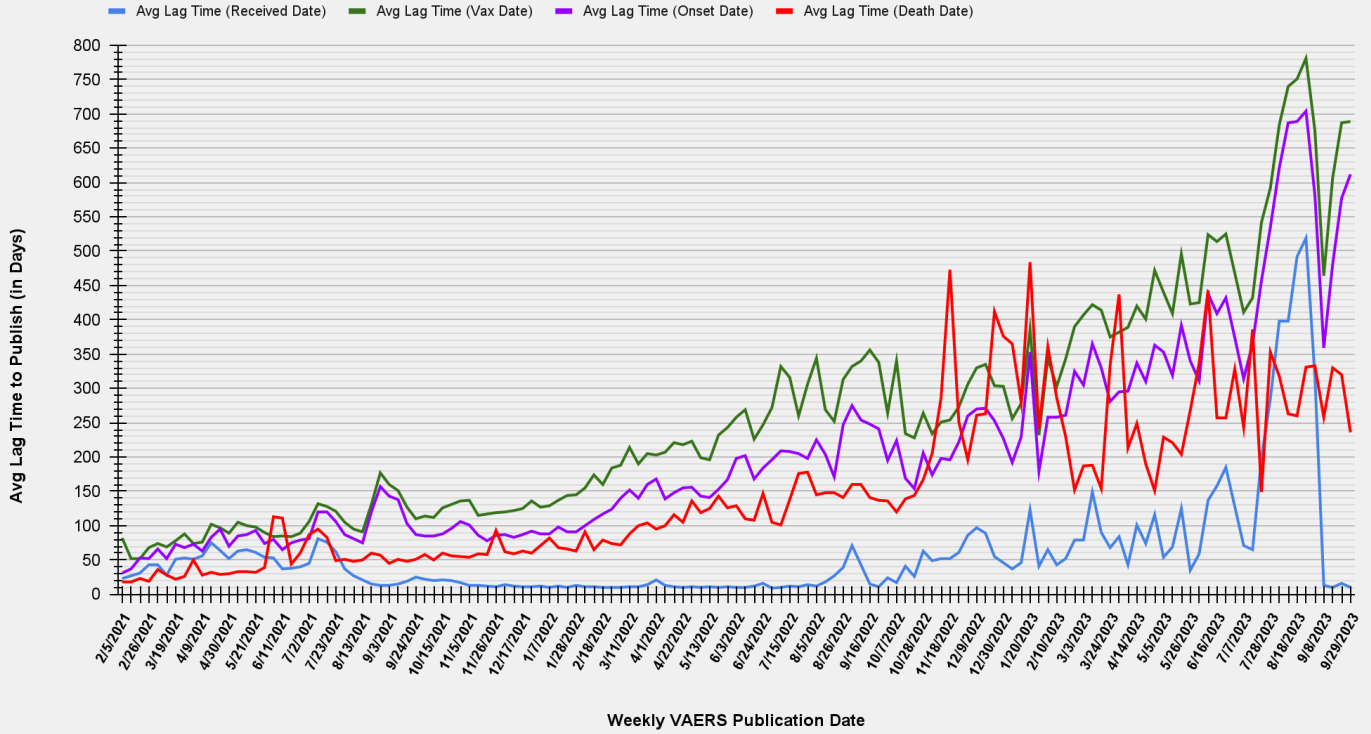
All Data Obtained from CDC's VAERS



Lag Time to Publish History

Average Lag Time to Publish in VAERS

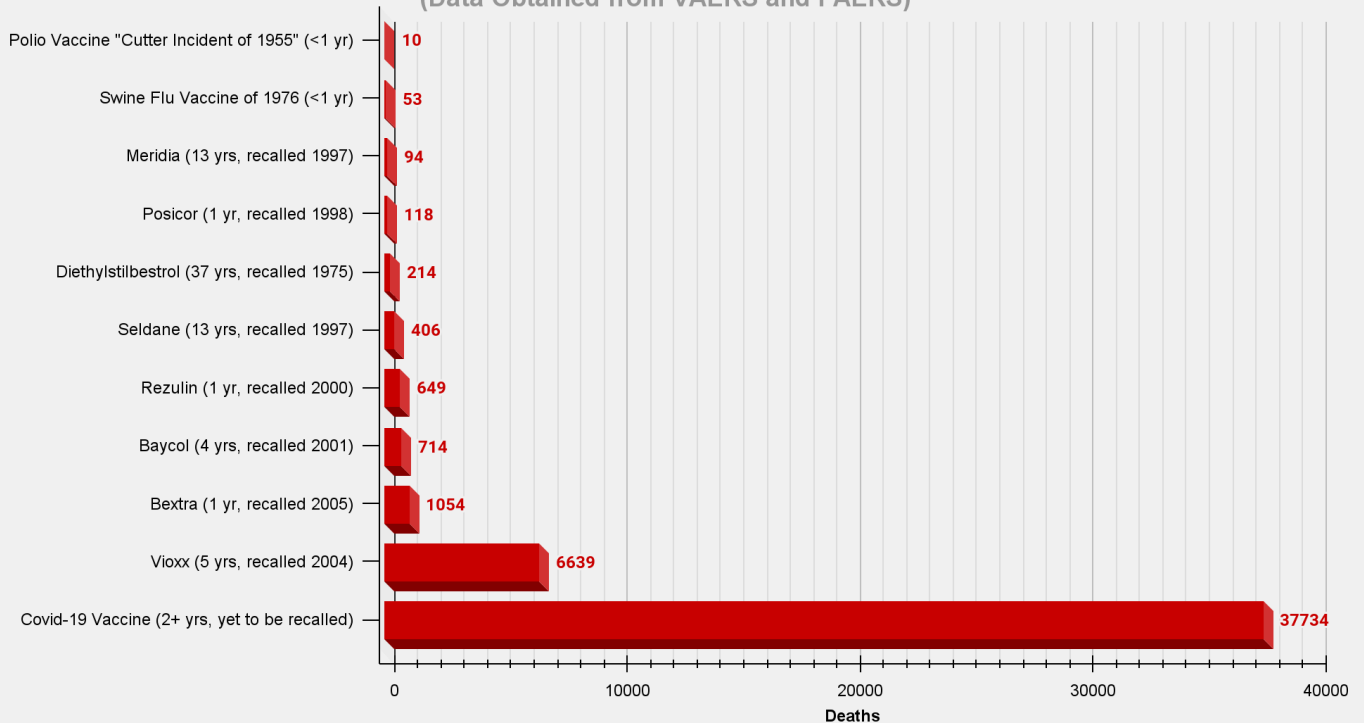
(Avg difference between date of publication and these dates: Received Date, Vax Date, Onset Date, Death Date)



Recall History

Reported Deaths for Major Drug/Vaccine Recalls

(Data Obtained from VAERS and FAERS)

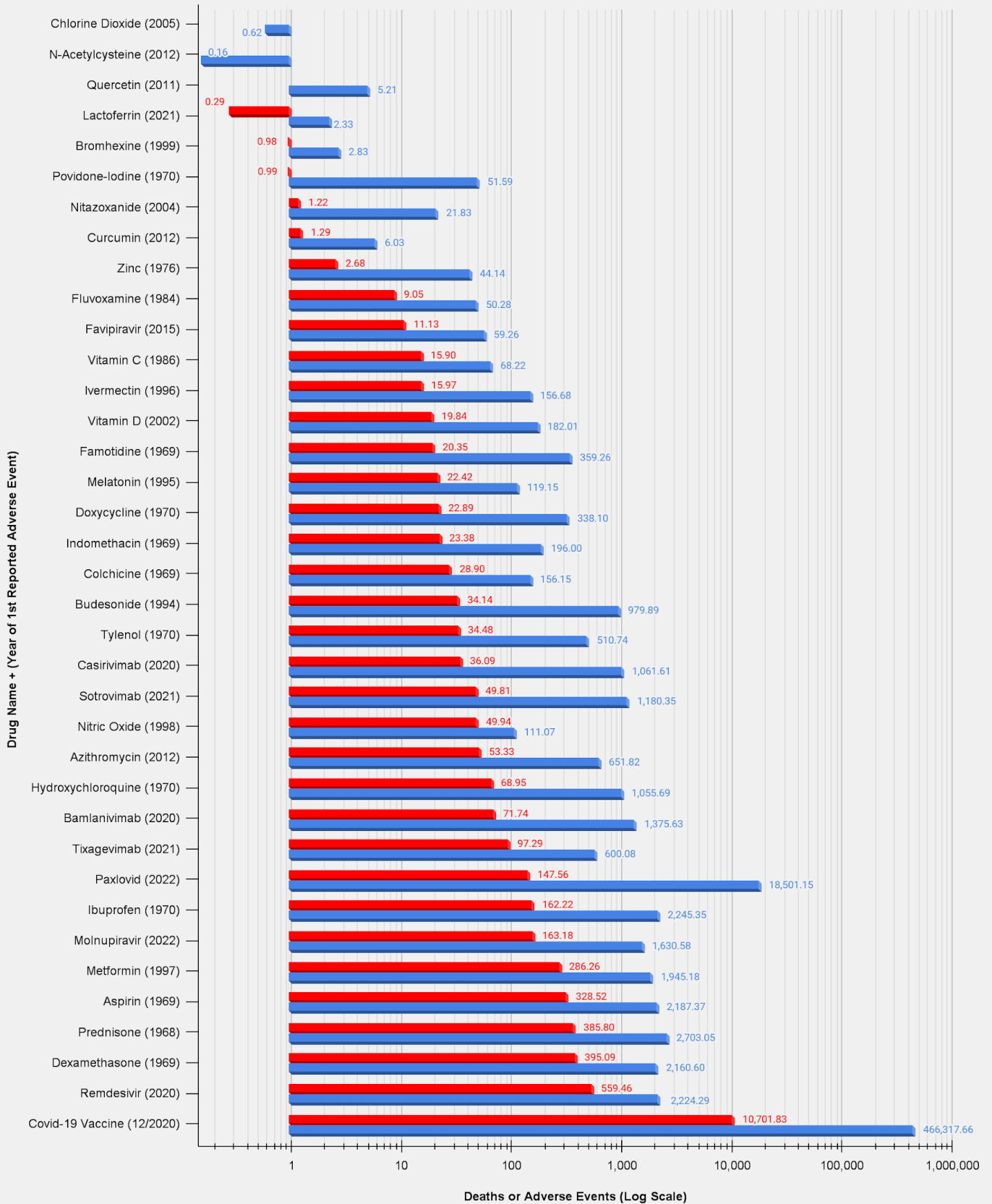


Alternative Covid-19 Therapeutics

Average Reported Deaths/AEs per Year for Covid-19 Therapeutics

Data Obtained from FAERS/VAERS (list of Covid-19 therapeutics from c19early.com)

■ Avg Deaths Per Year ■ Avg Adverse Events Per Year



[Note that N-Acetylcysteine and Quercetin have 0 reported deaths]

Sources

Visit: vaersanalysis.info for more information

1. Vaccine data (Covid-19 and other vaccines) taken from CDC's VAERS website, located here: <https://vaers.hhs.gov/data/datasets.html>. VAERS data sets in the form of csv files are pulled down weekly and put into a database for reporting/analysis. Data files are available all the way back to 1990.
2. Number of doses distributed for other vaccines found in NVICP Data and Statistics report here: <https://www.hrsa.gov/sites/default/files/hrsa/vaccine-compensation/data/data-statistics-report.pdf>
3. Numbers for Covid-19 vaccines administered by manufacturer found here: https://covid.cdc.gov/covid-data-tracker/#vaccinations_vacc-total-admin-rate-total
4. Numbers for total Covid-19 vaccine doses administered found here: <https://data.cdc.gov/Vaccinations/COVID-19-Vaccination-Trends-in-the-United-States-N/rh2h-3yt2>
5. Numbers for Flu vaccine doses administered for 2019-2020 season found here: <https://www.cdc.gov/flu/fluview/coverage-1920estimates.htm>
6. Numbers for FDA regulated drugs taken from FDA's FAERS website, located here: <https://www.fda.gov/drugs/questions-and-answers-fdas-adverse-event-reporting-system-faers/fda-adverse-event-reporting-system-faers-public-dashboard>