

# VAERS Summary for COVID-19 Vaccines through 2/10/2023

All charts and tables below reflect the data release on 2/17/2023 from the VAERS website, which includes U.S. and foreign data, and is updated through: **2/10/2023**.

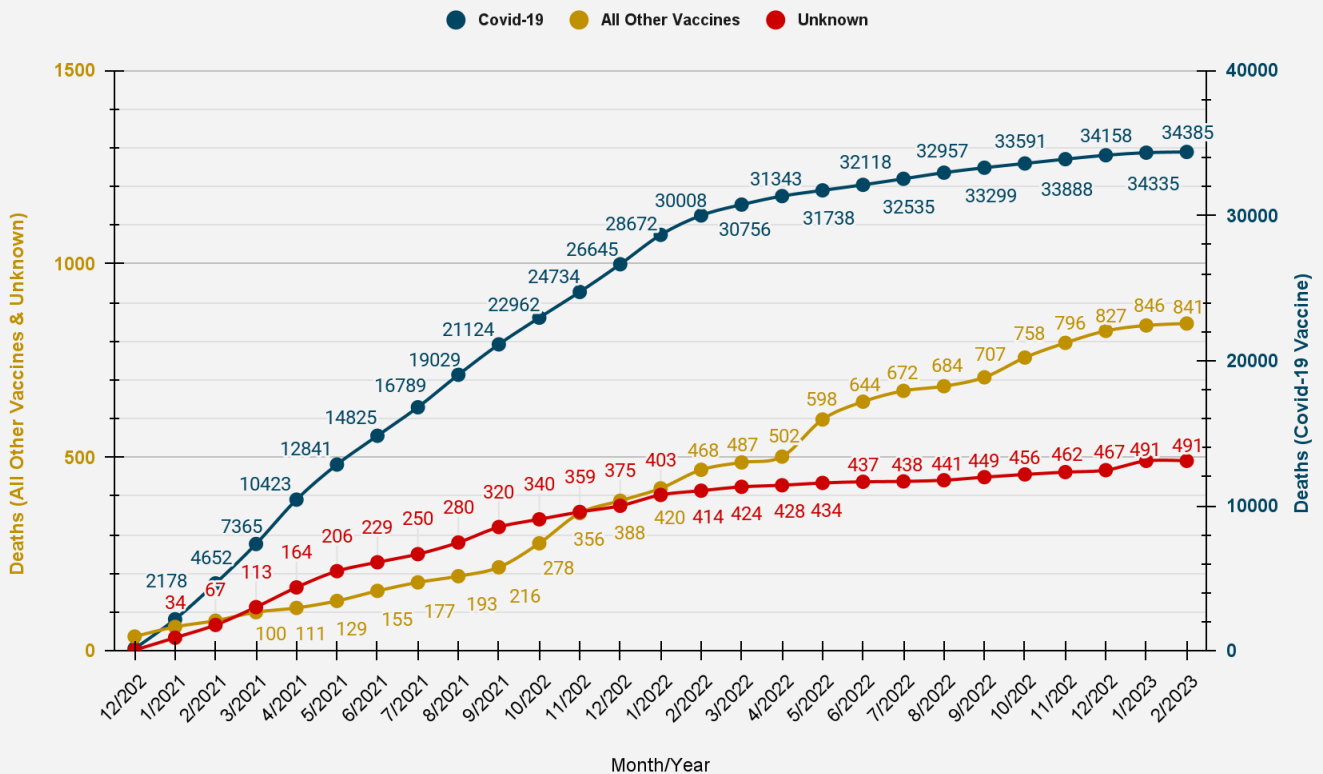
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	1,521,347	921,716	936,484	800,564
Number of Life-Threatening Events	36,603	15,008	14,094	10,211
Number of Hospitalizations	192,146	87,089	75,842	40,287
Number of Deaths	34,385*	10,161*	16,903	5,519
# of Permanent Disabilities after vaccination	63,405	21,854	16,296	13,470
Number of Office Visits	224,959	57,546	185,445	54,854
# of Emergency Room/Department Visits	146,132	216,250	112,211	206,306
# of Birth Defects after vaccination	1,232	217	578	116

\*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 - 2 Year Summary

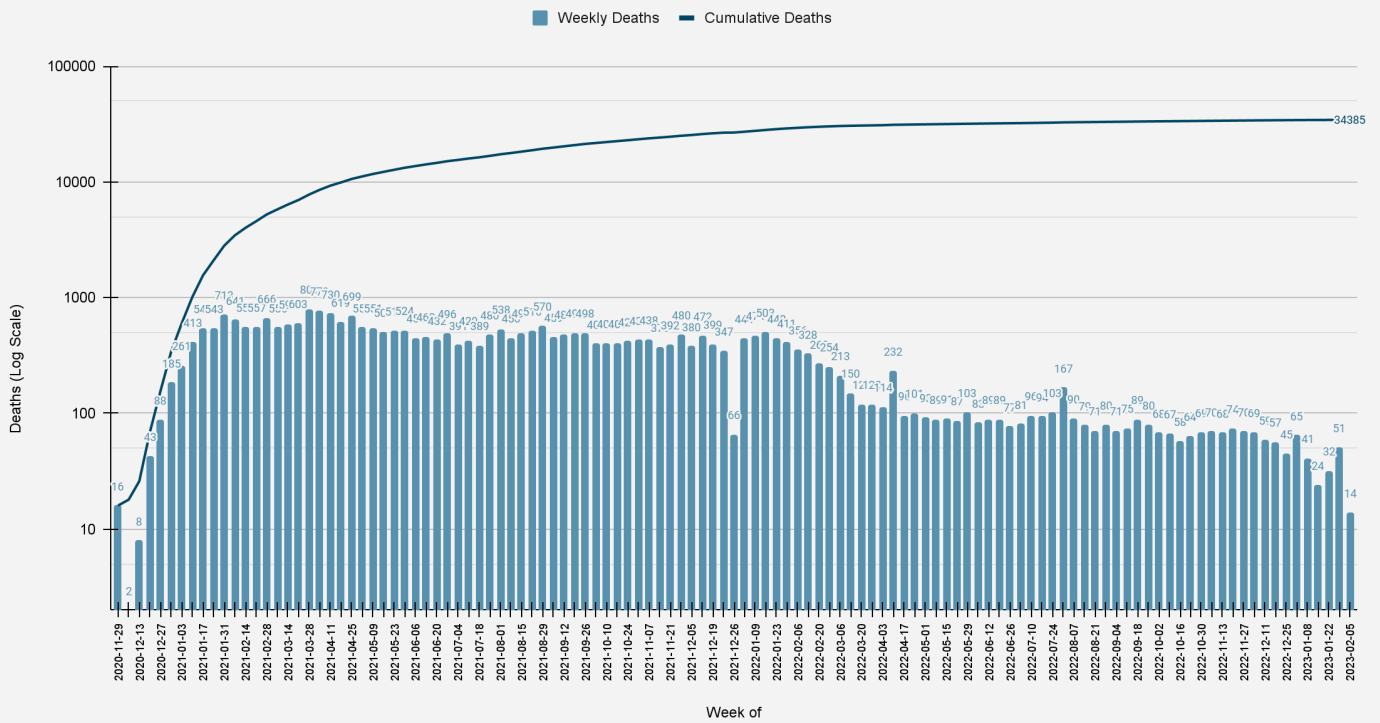
Data obtained from CDC's VAERS



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

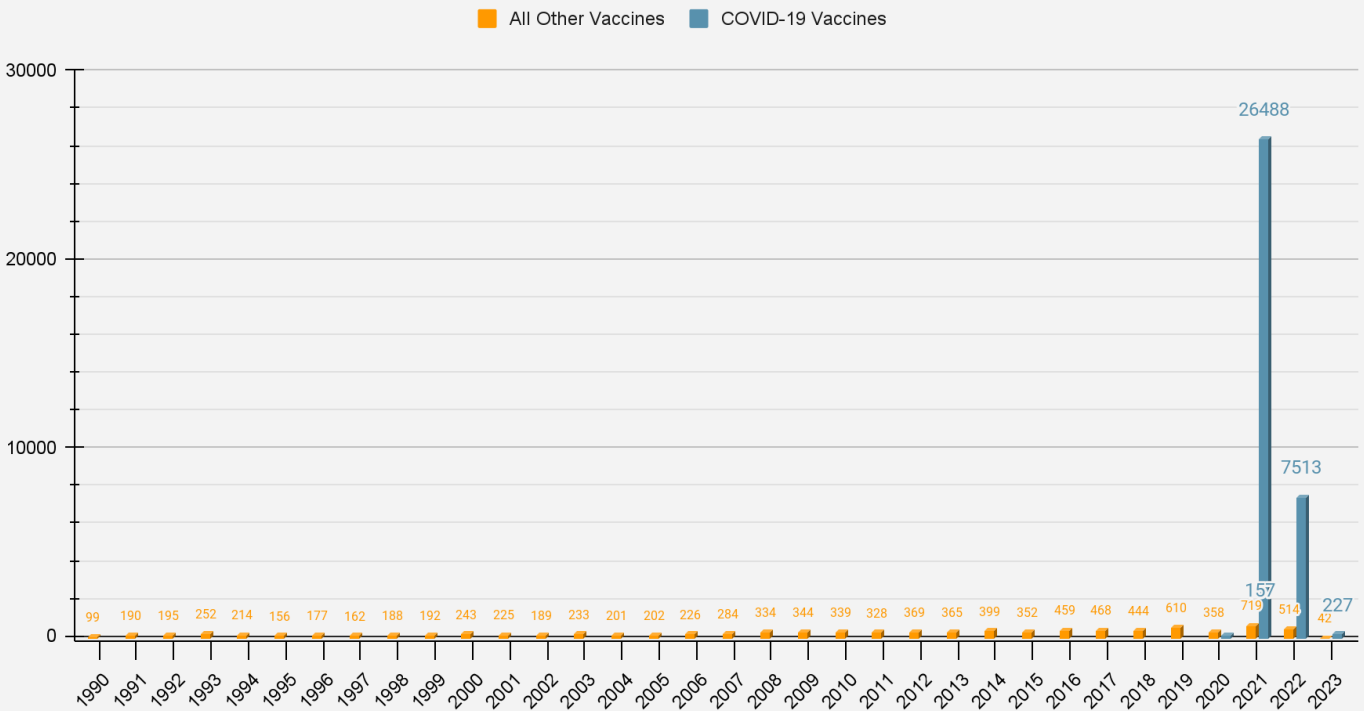
## Reported Deaths by Week, COVID19 Vaccines

Data Obtained from CDC's VAERS



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

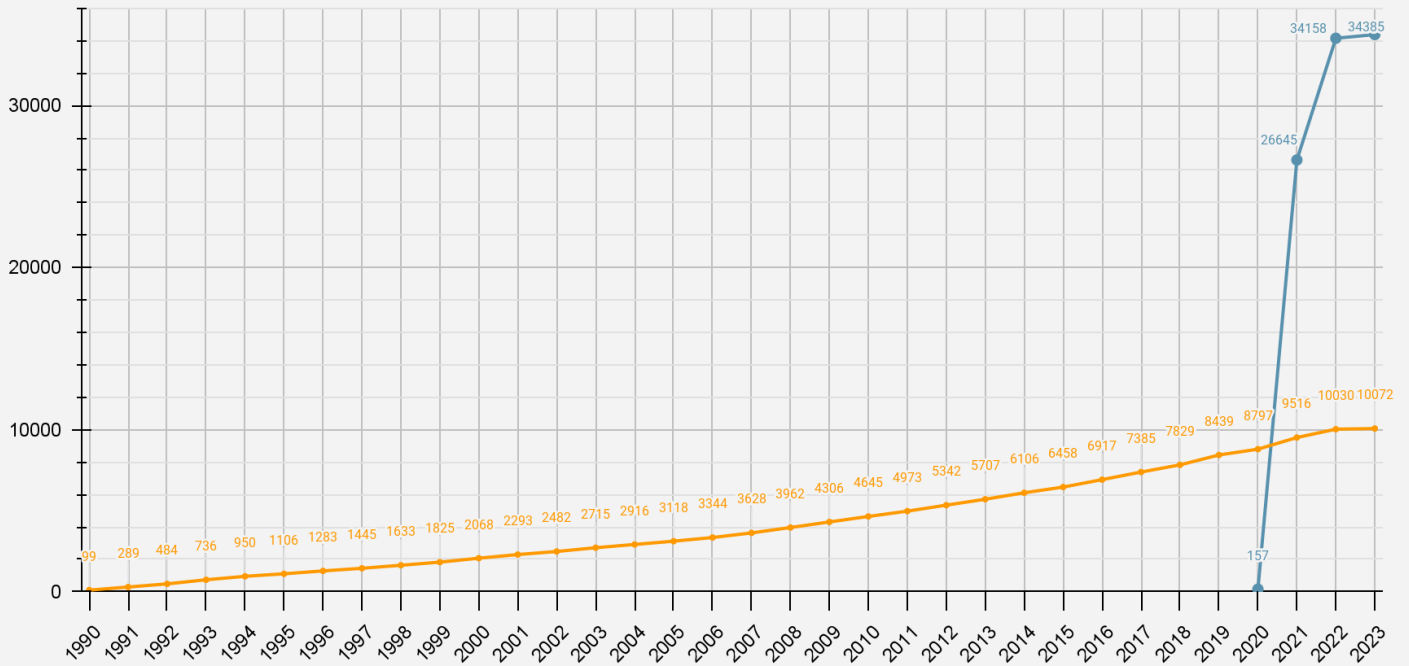
Data Obtained from CDC's VAERS



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

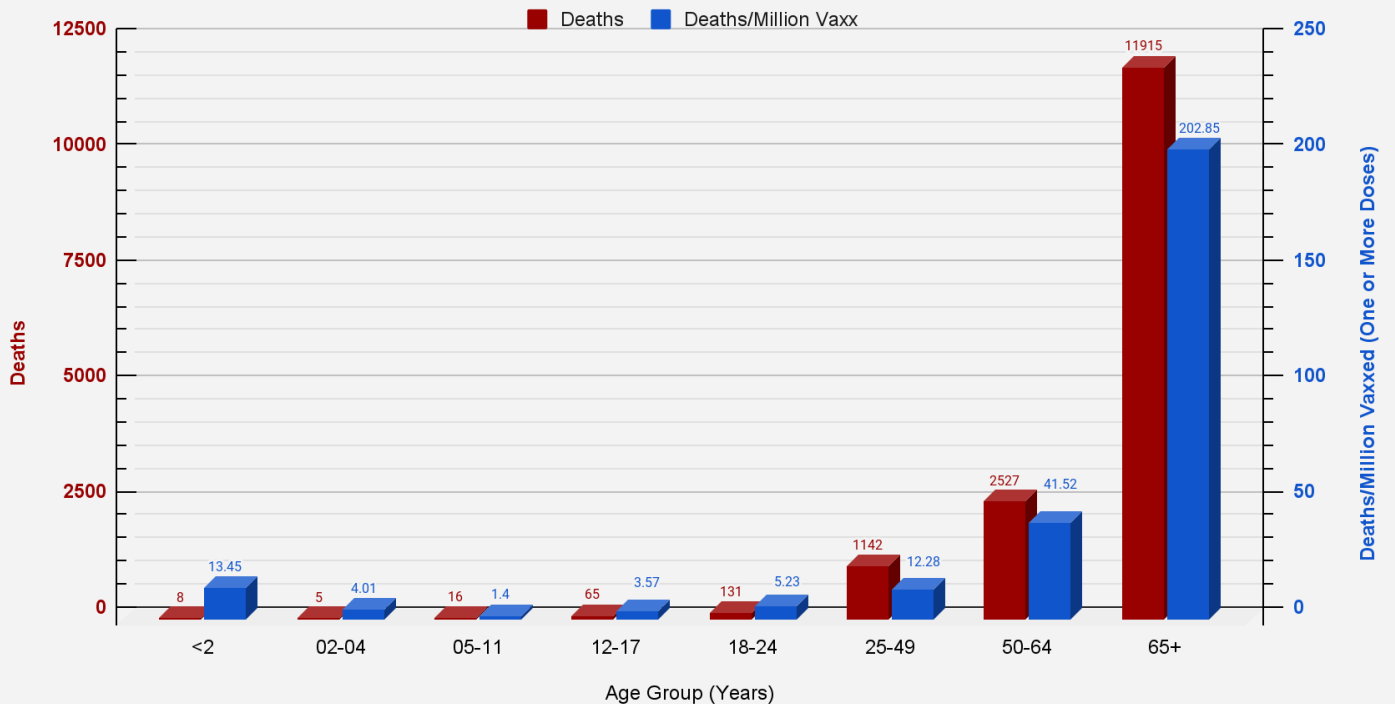
Data Obtained from CDC's VAERS

● COVID19 Vaccines cumulative ● All Other Vaccines cumulative



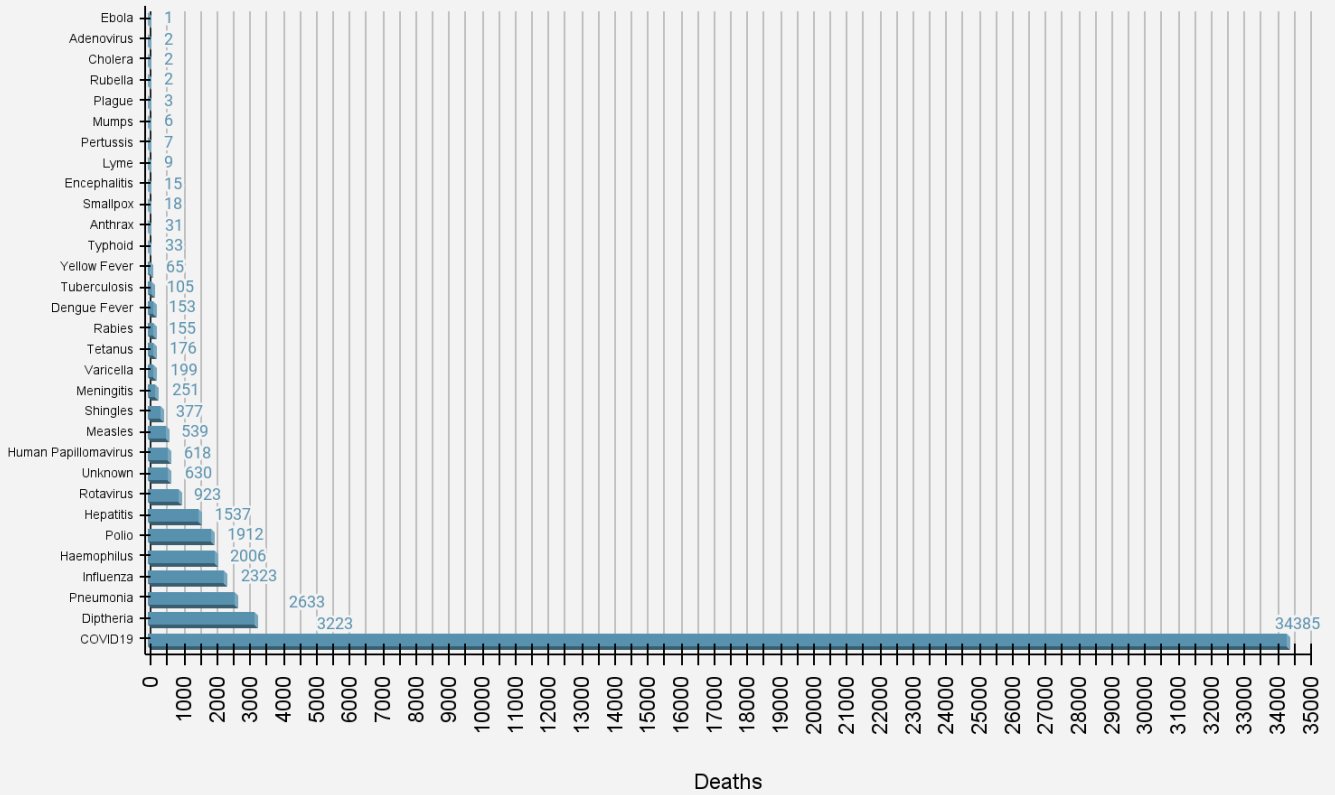
# Age Stratification of Deaths After COVID-19 Vaccination US Data Only

Data Obtained from CDC's VAERS



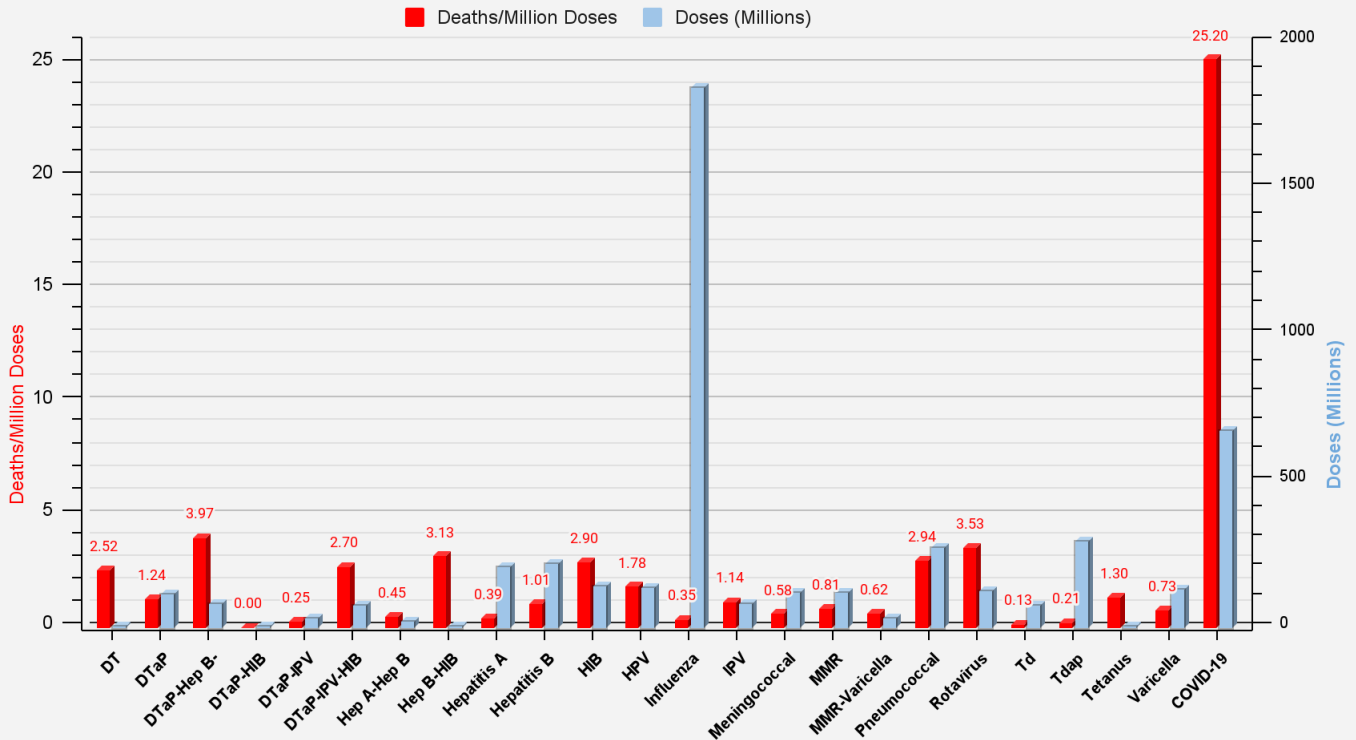
# Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



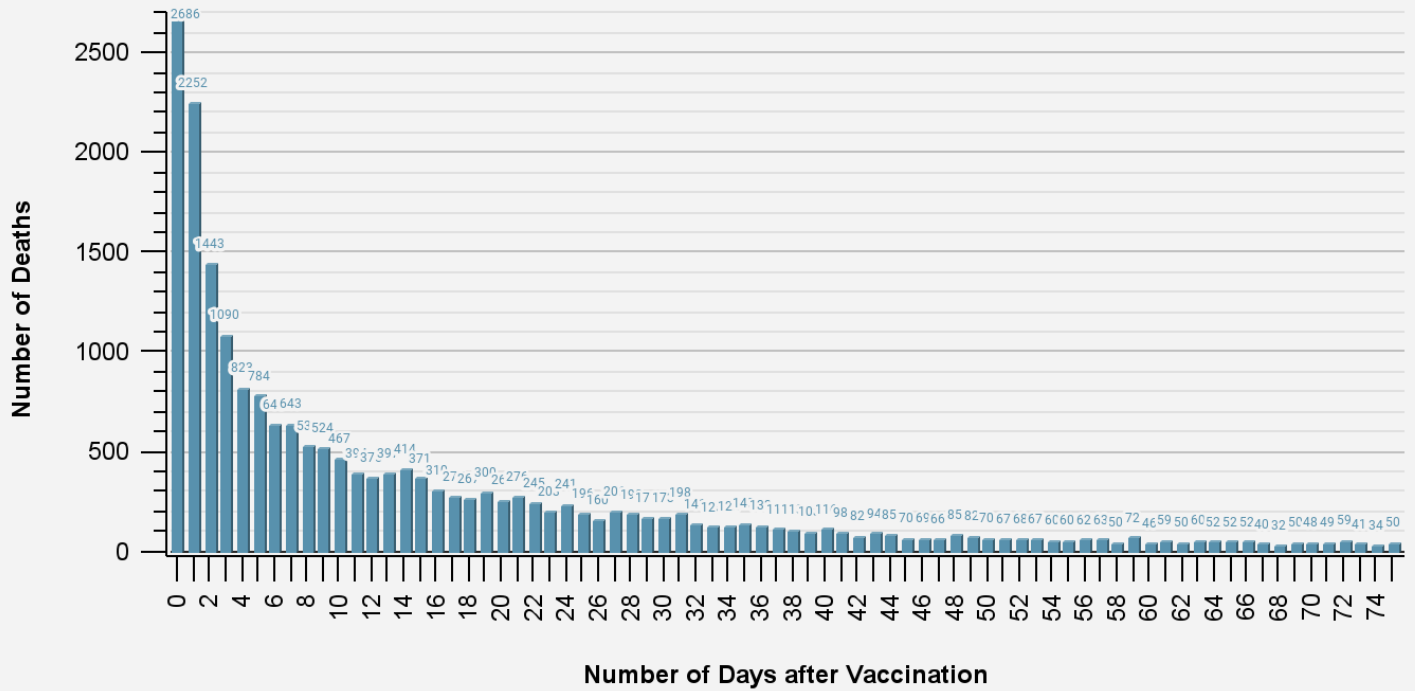
# Deaths Per Million Doses (US Only) Traditional Vaccines (2006 - 2019), Covid-19 Vaccines (2020-Present)

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



# Number of Deaths by Days After COVID19 Vaccination

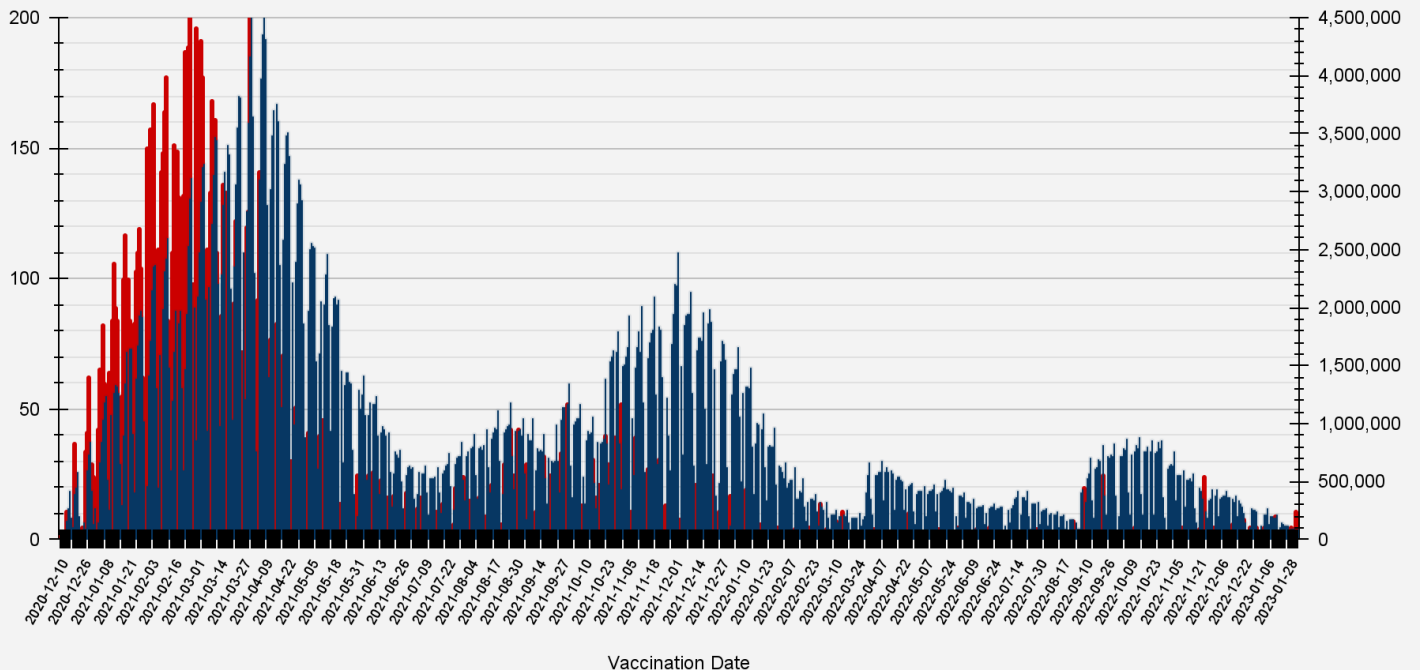
Data obtained from CDC's VAERS



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

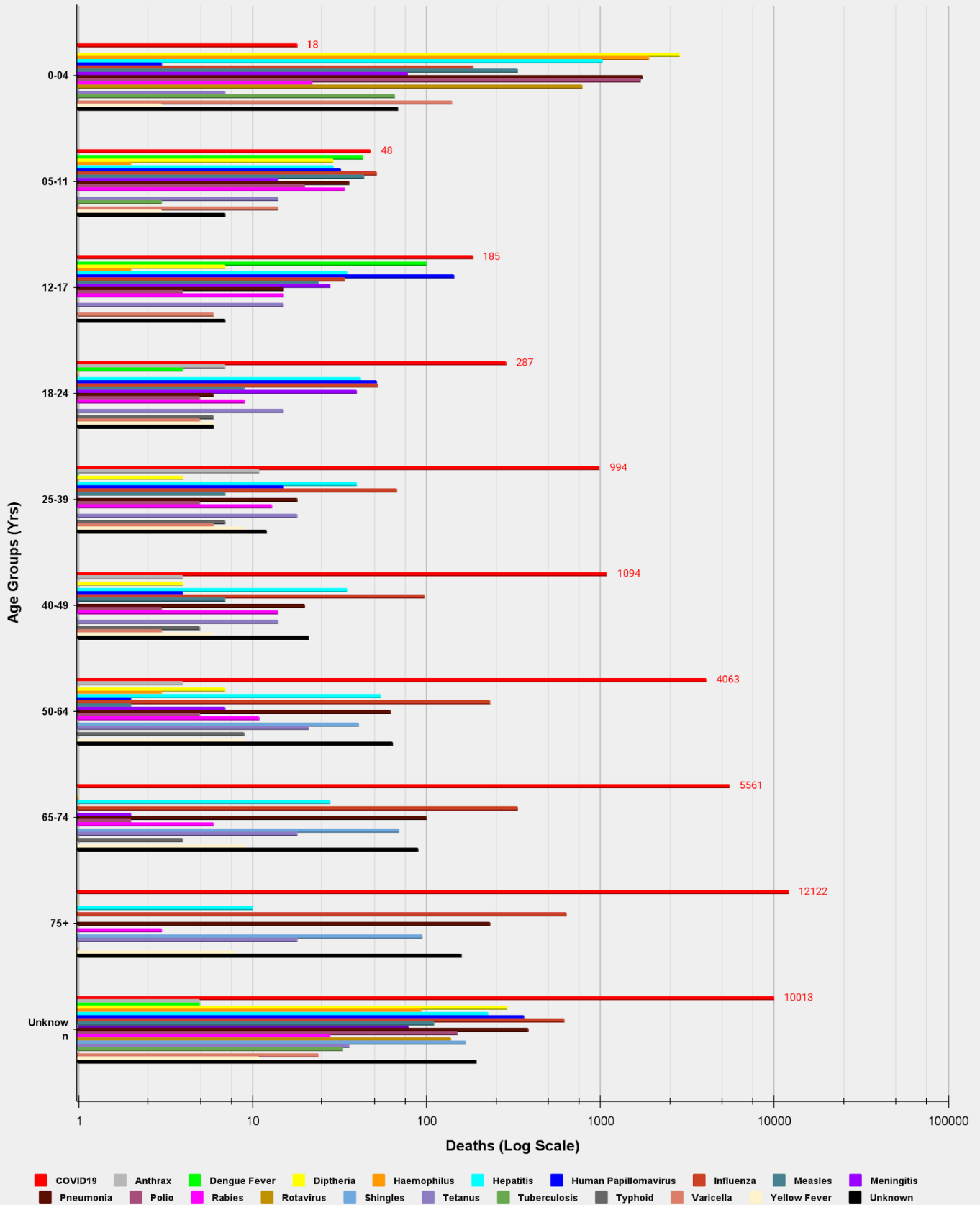
Data Obtained from CDC's VAERS & CDC

■ Number of Deaths ■ Number of Doses



# Age Stratification of Deaths By Vaccine Type (US+Foreign) (1990-Present)

Data Obtained from CDC's VAERS

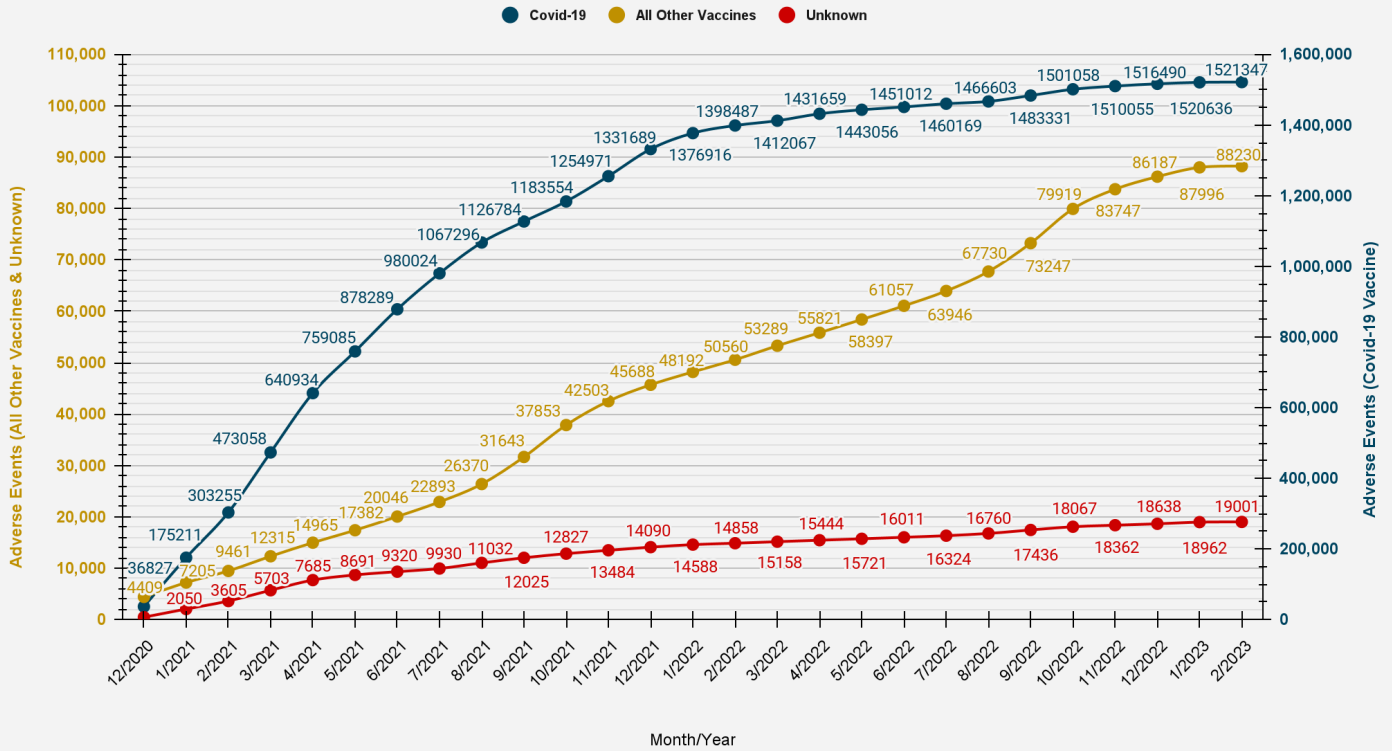


[Vaccines not included above (due to n < 20 overall deaths): Adenovirus, Cholera, Dengue Fever, Encephalitis, Ebola, Lyme, Mumps, Pertussis, Plague, Rubella, Smallpox]

# Adverse Events

## Cumulative Reported AEs After Vaccination - 2 Year Summary

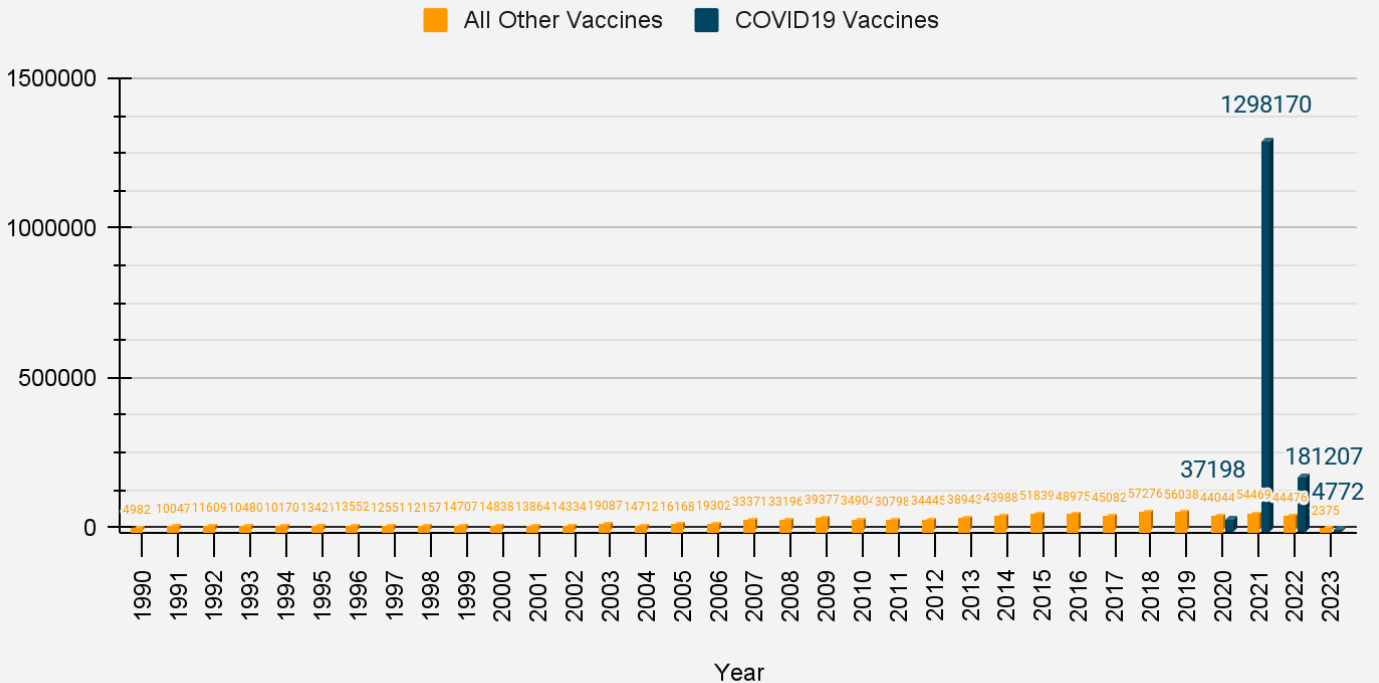
Data obtained from CDC's VAERS



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

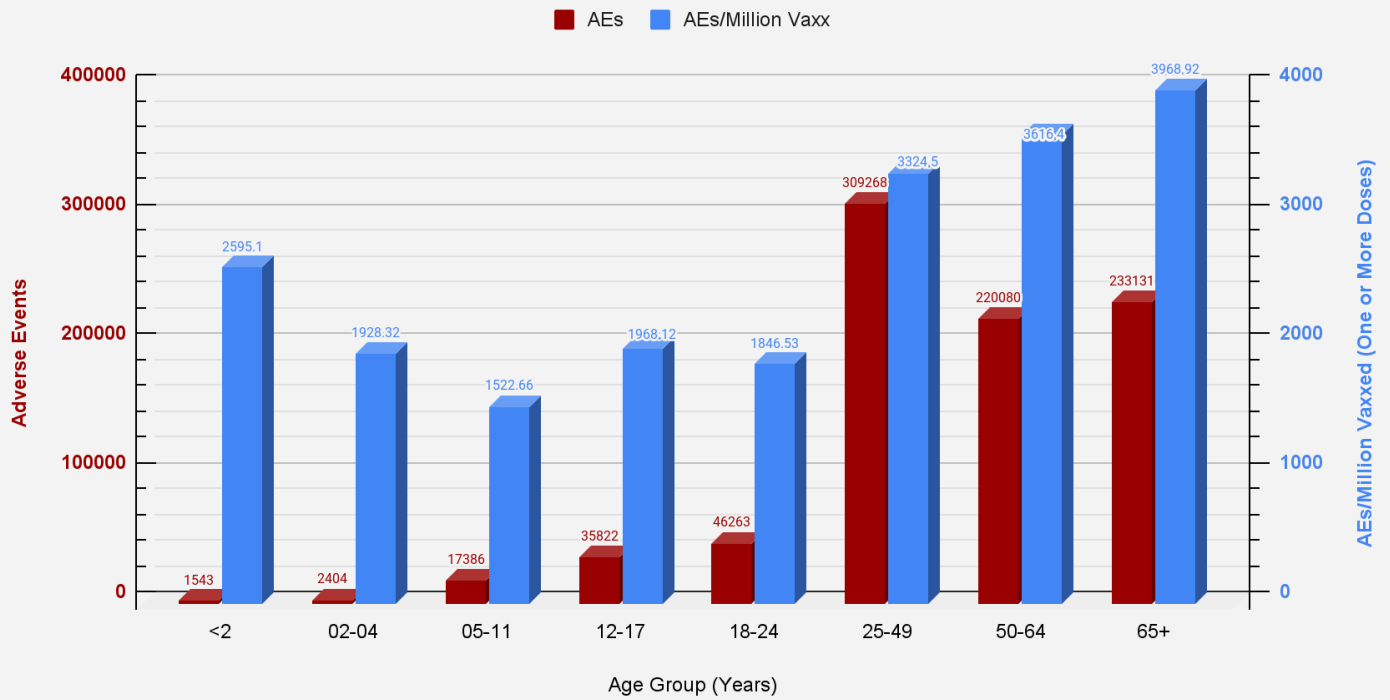
## Reported Adverse Events by Year, COVID19 vs. All Other Vaccines

Data obtained from CDC's VAERS



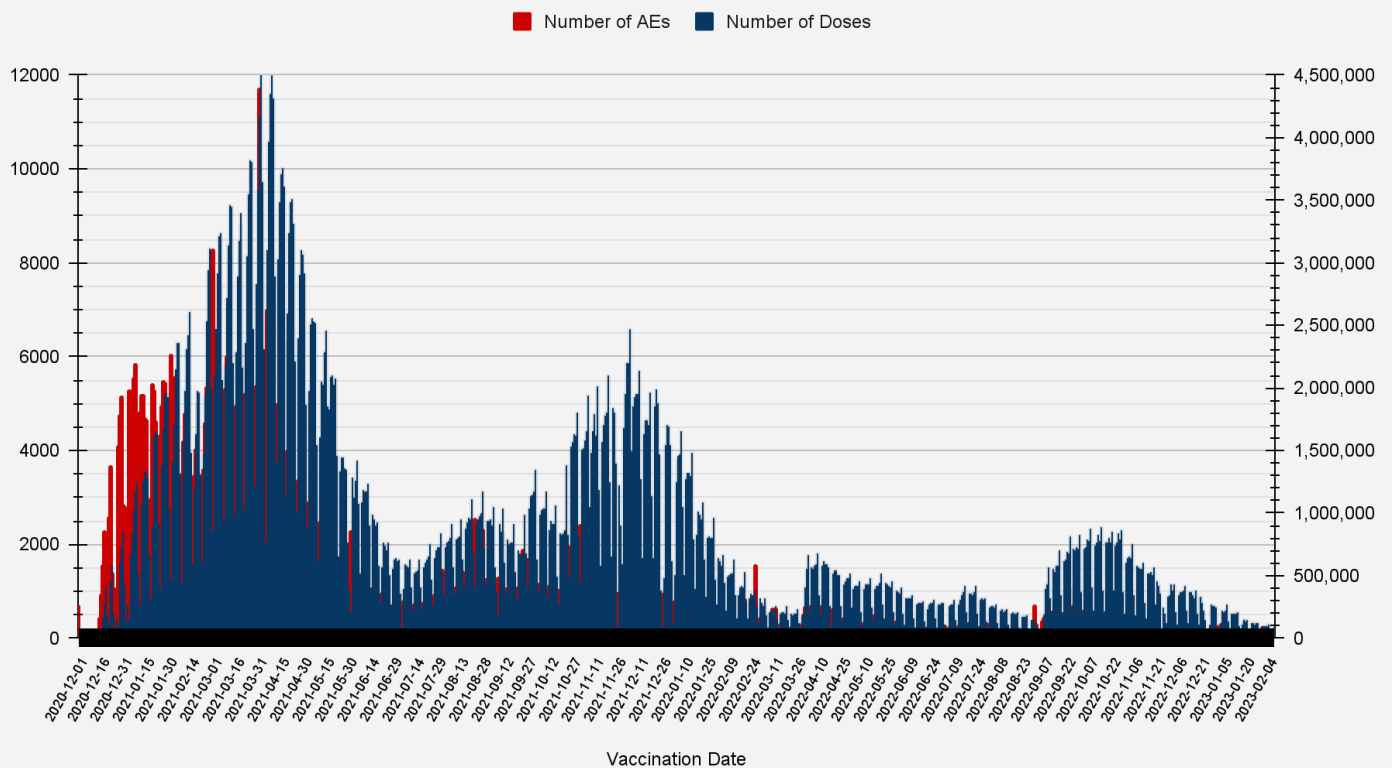
# Age Stratification of Adverse Events After COVID-19 Vaccination US Data Only

Data obtained from CDC's VAERS



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

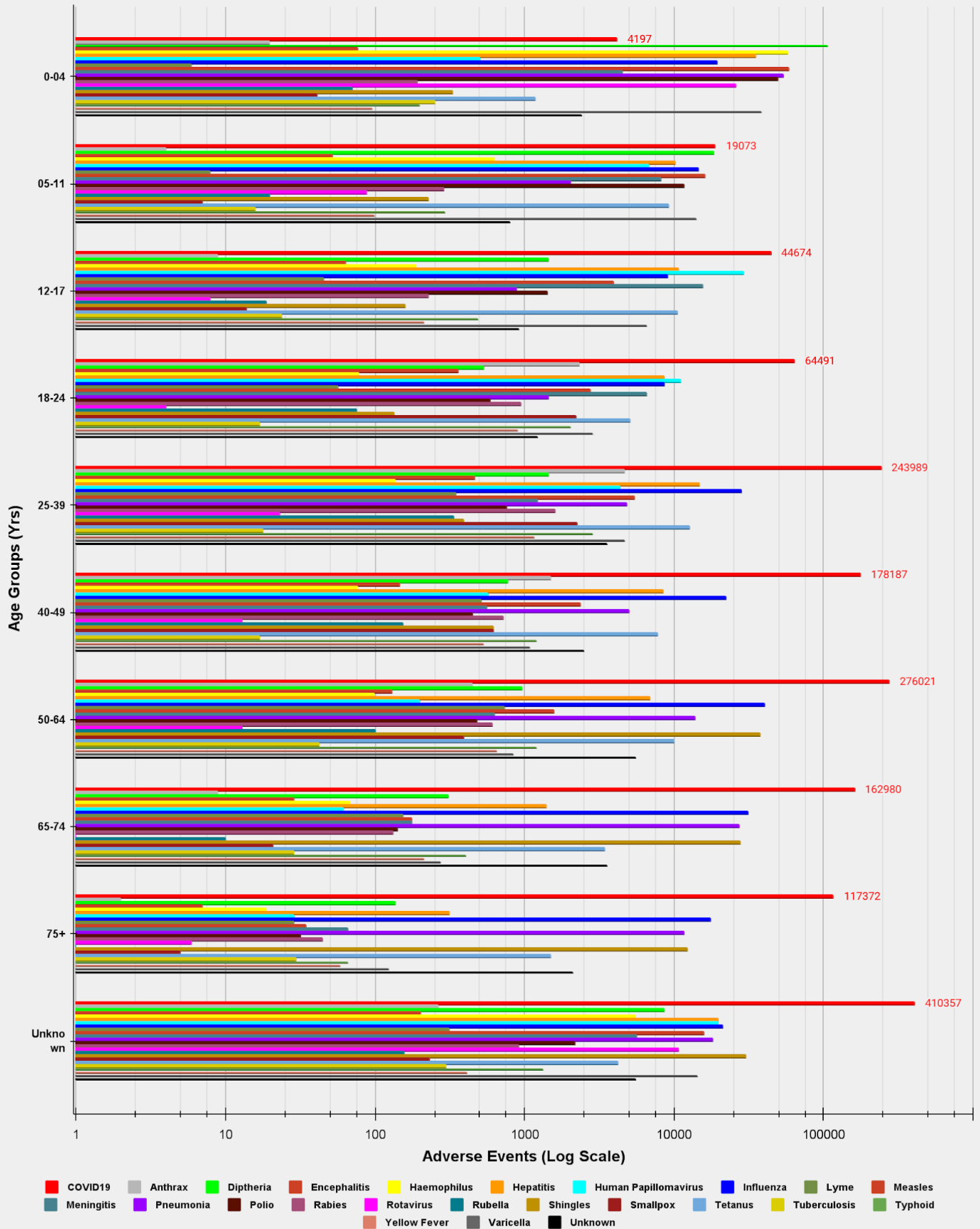
Data Obtained from CDC's VAERS





# Age Stratification of Adverse Events By Vaccine Type (US+Foreign) (1990-Present)

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\*\*\***

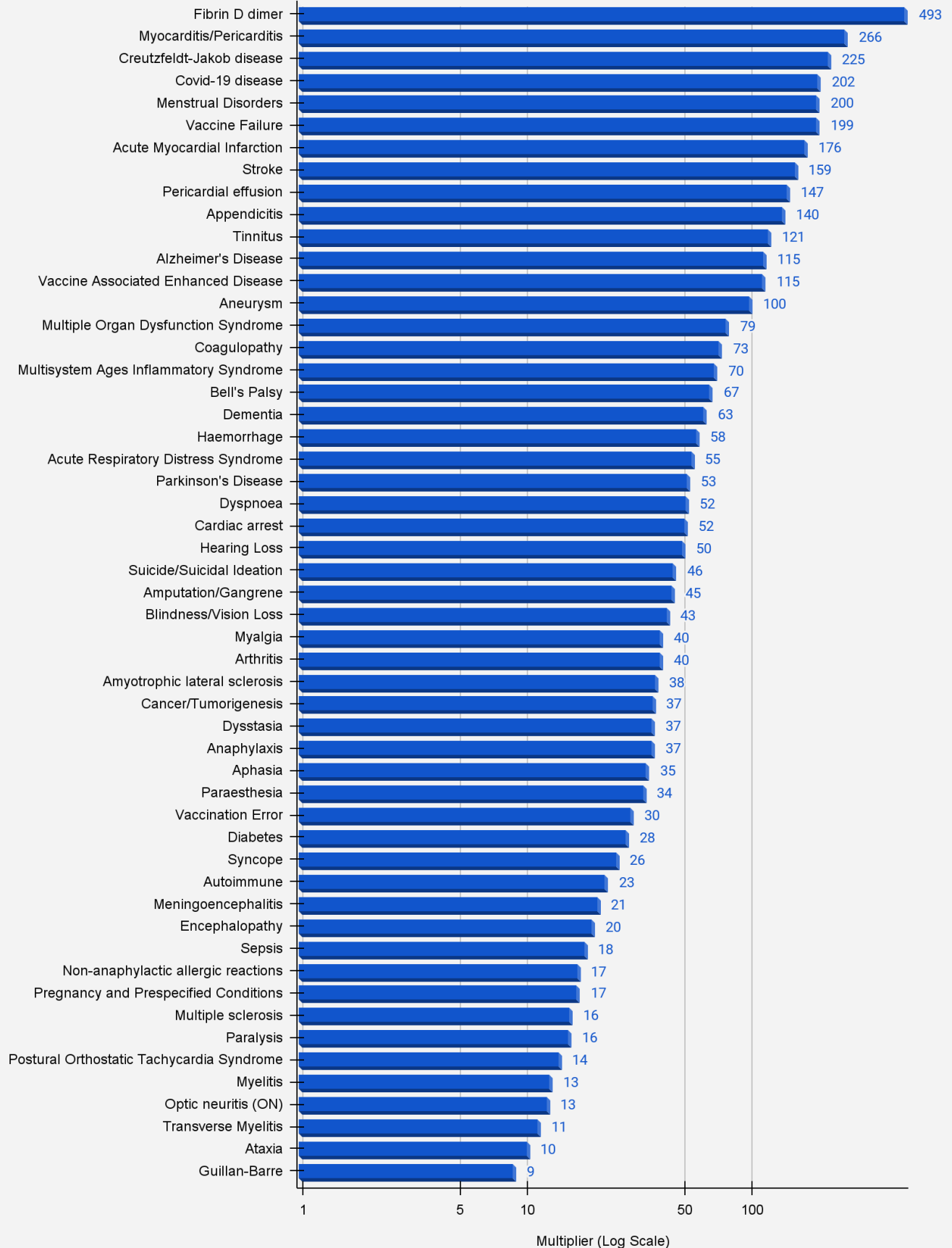
- Guillain-Barré syndrome
  - Acute disseminated encephalomyelitis
  - Transverse myelitis
  - Encephalitis/myelitis/encephalomyelitis/ meningoencephalitis/meningitis/ encephalopathy
  - Convulsions/seizures
  - Stroke
  - Narcolepsy and cataplexy
  - Anaphylaxis
  - Acute myocardial infarction
  - Myocarditis/pericarditis
  - 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	3167	71	4634	147
Acute Disseminated Encephalomyelitis	246	7	459	30
Transverse Myelitis	655	8	856	16
Encephalitis	3178	451	4955	483
Convulsions/Seizures	16105	529	30028	537
Stroke	11504	956	1599	97
Narcolepsy, Cataplexy	288	6	369	3
Anaphylaxis	51482	179	42252	167
Acute Myocardial Infarction (Heart Attack)	6044	1703	372	162
Myocarditis/Pericarditis	24942	421	1031	93
Autoimmune Disease	2743	39	1179	18
Other Acute Demyelinating Diseases	465	7	878	25
Pregnancy and birth outcomes (Miscarriages)	4977	157	2930	52
Other Allergic Reactions	2744	4	2145	3
Thrombocytopenia	5086	440	3418	128
Disseminated Intravascular Coagulation	306	103	61	28
Venous Thromboembolism	27859	1702	757	122
Arthritis and Arthralgia/Joint Pain	89469	313	30024	80
Kawasaki Disease	100	2	736	7
Systemic Inflammatory Response Syndrome	1073	69	377	7

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

(Data from VAERS through 2/10/22)



## 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 <sup>[3]</sup>	# of Deaths	Risk of Death	Percentage	Deaths/Mill. Vaccinations <sup>[3]</sup>
Flu	167,447,642 <sup>[1]</sup>	33	1 in 5,074,171	0.000020%	0.20
COVID19	173,509,060 <sup>[2]</sup>	6,466	1 in 26,834	0.003727%	37.27
<b>Risk of dying from COVID vaccine is 189 times greater than Flu Vaccine</b>					

Vaccine Type	# of Vaccinations <sup>[3]</sup>	# of Adverse Reactions	Risk of Adverse Reaction	Percentage	AEs/Mill. Vaccinations <sup>[3]</sup>
Flu	167,447,642	9,740	1 in 17,192	0.005817%	58.17
COVID19	173,509,060	580,643	1 in 299	0.334647%	3,346.47
<b>Risk of adverse reaction from COVID vaccine is 57 times greater than Flu Vaccine</b>					

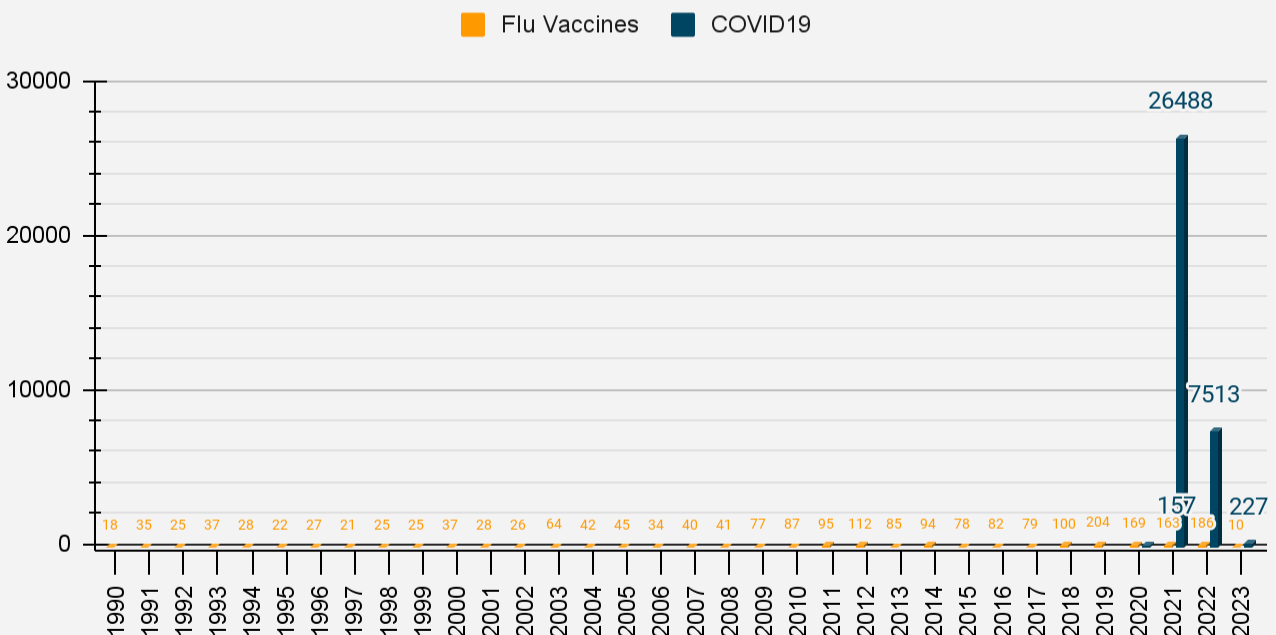
[1] number of flu vaccinations based on estimated flu vaccine coverage data from [CDC](#) and estimated population data from [US Census](#). Yearly flu vaccination data covers a period of time from 7/1 to 5/31 of the following year.

[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	Average US Deaths/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	2948	8.53	4.13	1953	18976061	102.92	714	2/26/2021
Moderna	9664	27.96	12.33	7279	251049942	28.99	784	12/18/2020
Pfizer/Biontech	21550	62.35	27.24	7510	400059167	18.77	791	12/11/2020
Unknown	226	0.65		65	823772			
Pfizer-Bivalent	115	0.33	0.71	108	34053706	3.17	162	9/1/2022
Moderna-Bivalent	69	0.2	0.43	69	19302866	3.57	162	9/1/2022

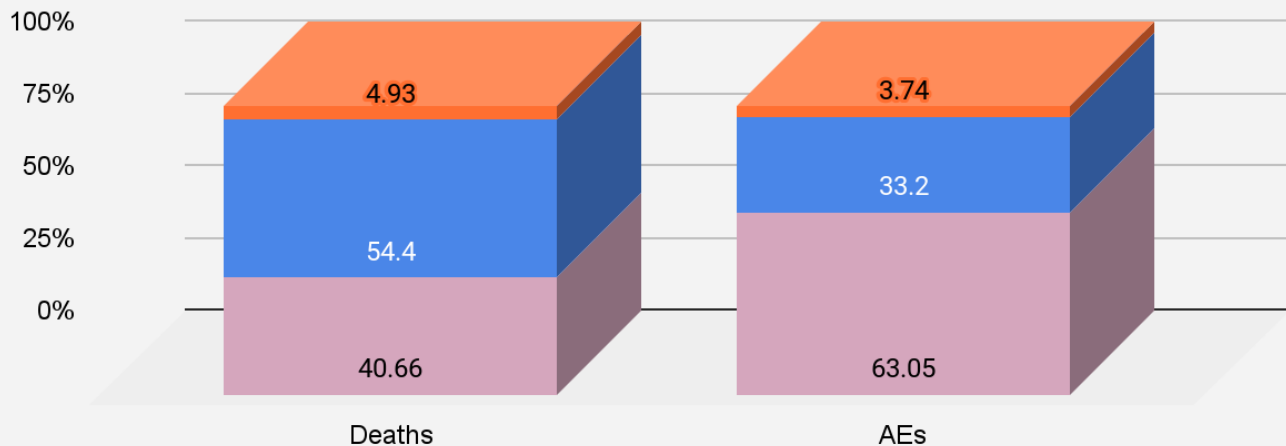
Manufacturer	# of AEs	% AEs	Average AEs/Day	# US AEs	# US Doses Administered	Average US AEs/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	97153	6.34	136.07	72422	18976061	3816.49	714	2/26/2021
Moderna	507136	33.08	646.86	417826	251049942	1664.31	784	12/18/2020
Pfizer/Biontech	895761	58.42	1132.44	424590	400059167	1061.32	791	7/13/2022
Unknown	10682	0.7		5414	823772			
Novavax	241	0.02	1.14	228	78683	2897.7	212	12/11/2020
Pfizer-Bivalent	13885	0.91	85.71	13758	34053706	404.01	162	9/1/2022
Moderna-Bivalent	8666	0.57	53.49	8636	19302866	447.39	162	9/1/2022

## Vaccine Data by Gender

### Gender Distribution of Reported Deaths and AEs after COVID19 Vaccination

All Data Obtained from CDC's VAERS

■ Unknown   
 ■ Male   
 ■ Female



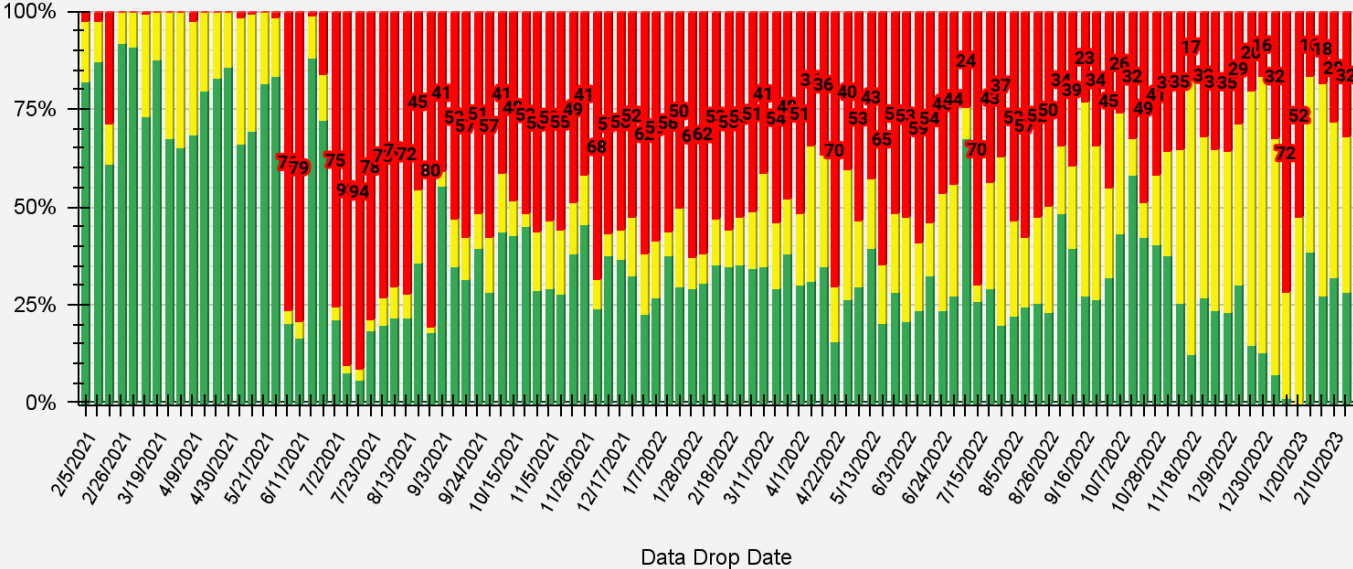
Percentage

# Vaccine Data by Location

## Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS

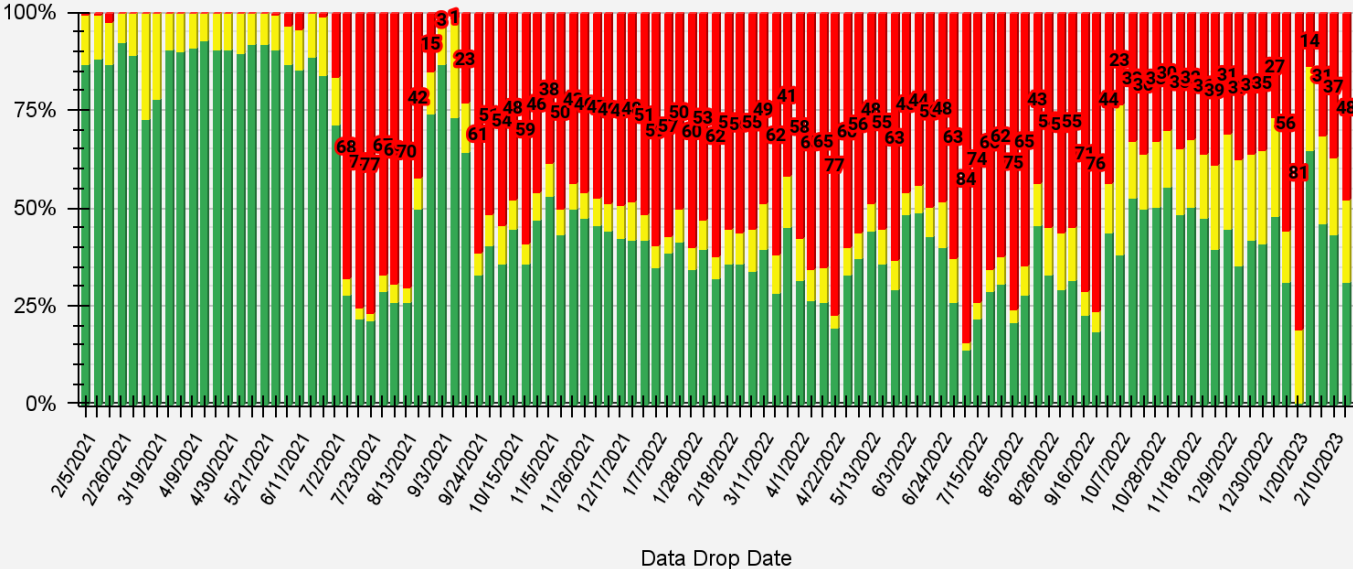
Foreign % Unknown % US %



## Distribution by Location of Reported Adverse Events after COVID19 Vaccination

All Data Obtained from CDC's VAERS

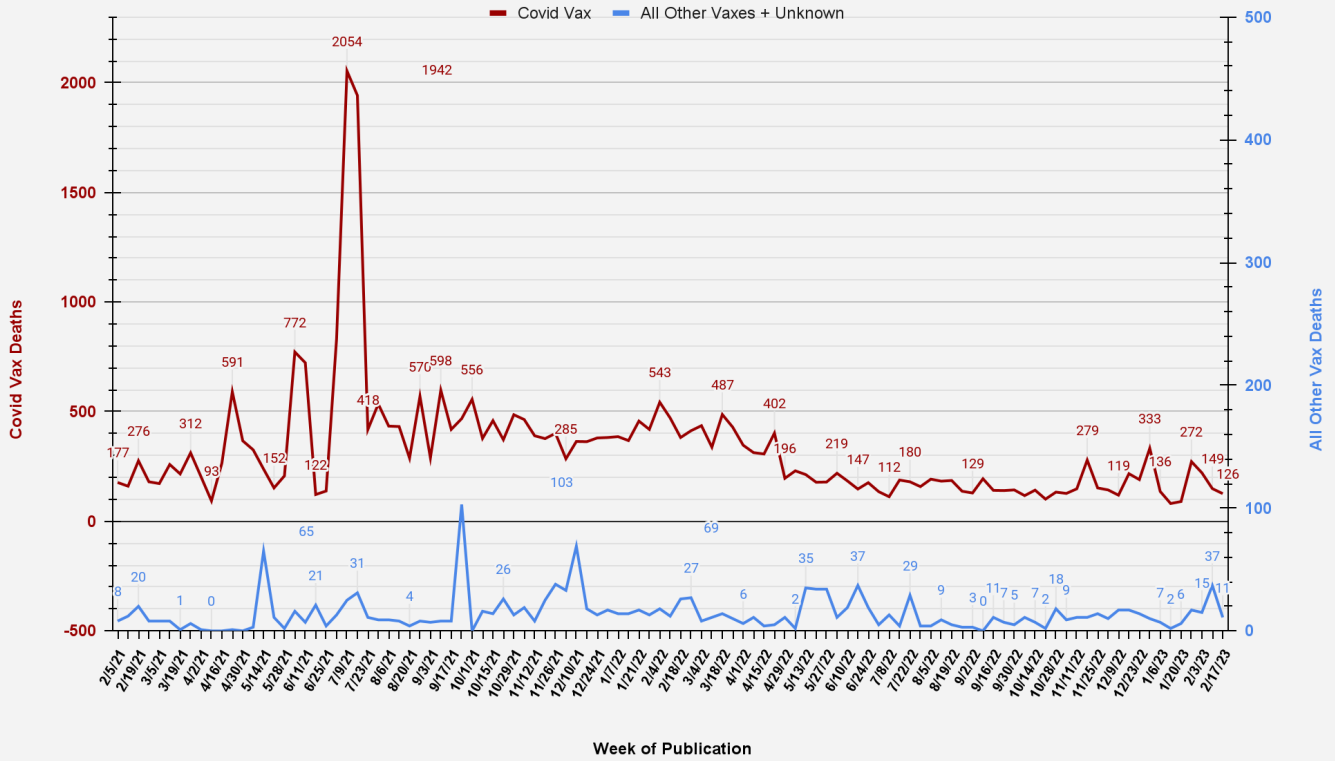
Foreign % Unknown % US %



# VAERS Weekly Publication History

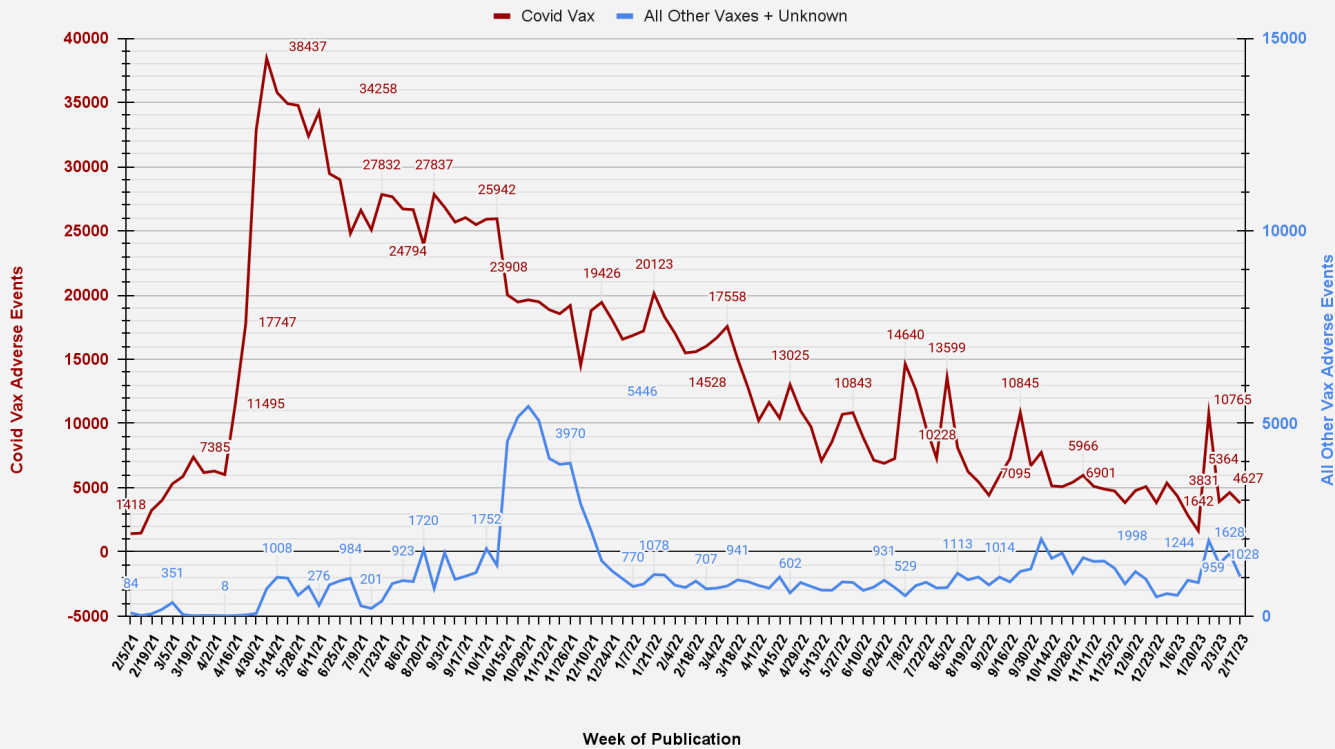
## New VAERS Deaths Published by Week

All Data Obtained from CDC's VAERS



## New VAERS Adverse Events Published by Week

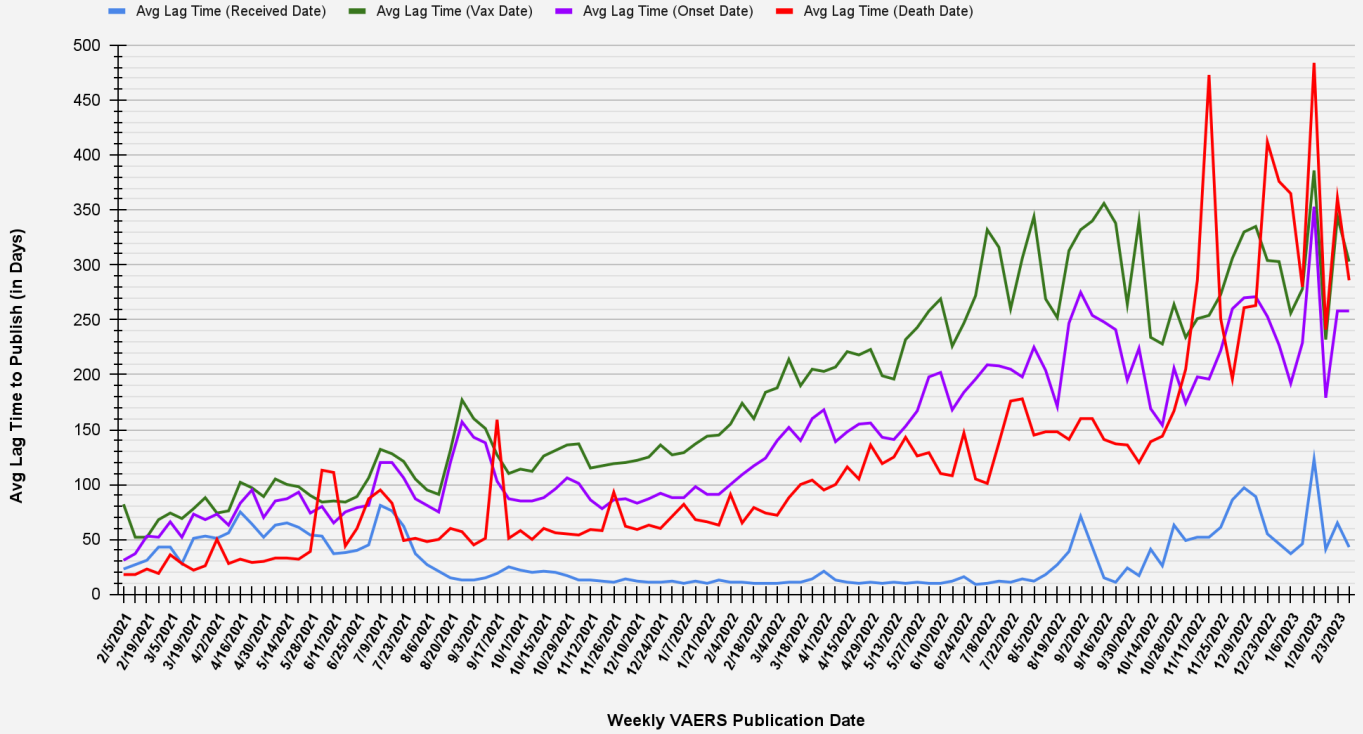
All Data Obtained from CDC's VAERS



# Lag Time to Publish History

## Average Lag Time to Publish in VAERS

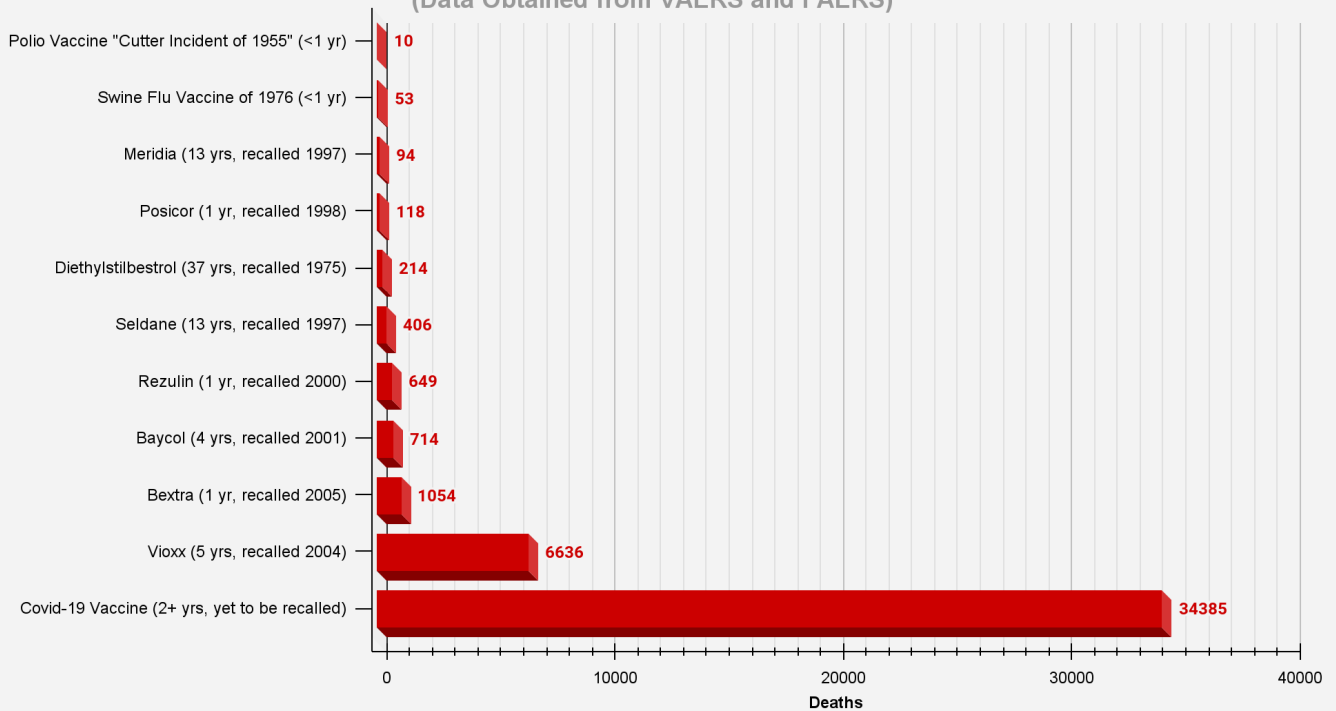
(Avg difference between date of publication and these dates: Received Date, Vax Date, Onset Date, Death Date)



# Recall History

## Reported Deaths for Major Drug/Vaccine Recalls

(Data Obtained from VAERS and FAERS)



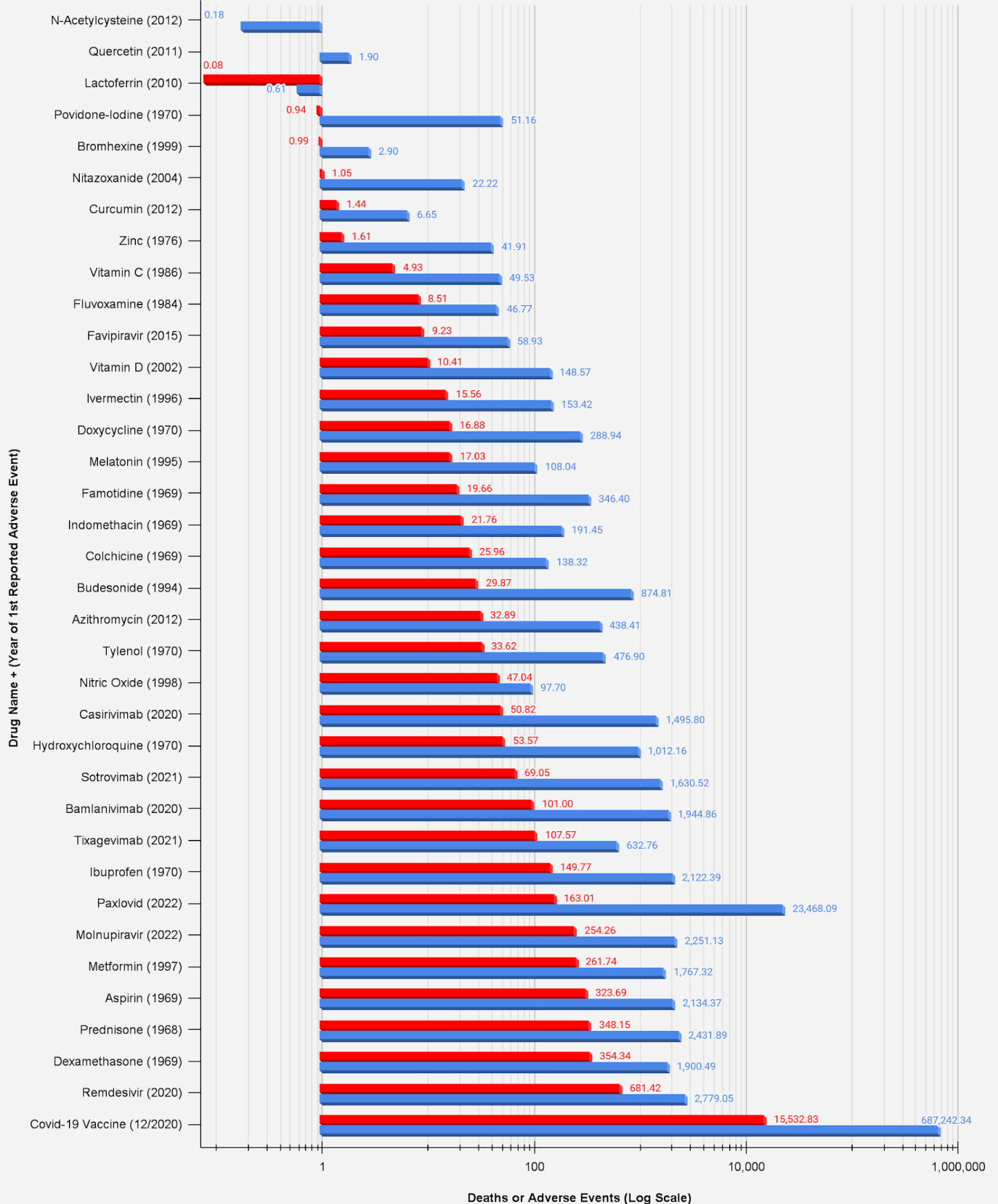


# Alternative Covid-19 Therapeutics

## 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](https://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](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>