

# VAERS Summary for COVID-19 Vaccines through 9/16/2022

All charts and tables below reflect the data release on 9/23/2022 from the VAERS website, which includes U.S. and foreign data, and is updated through: **9/16/2022**.

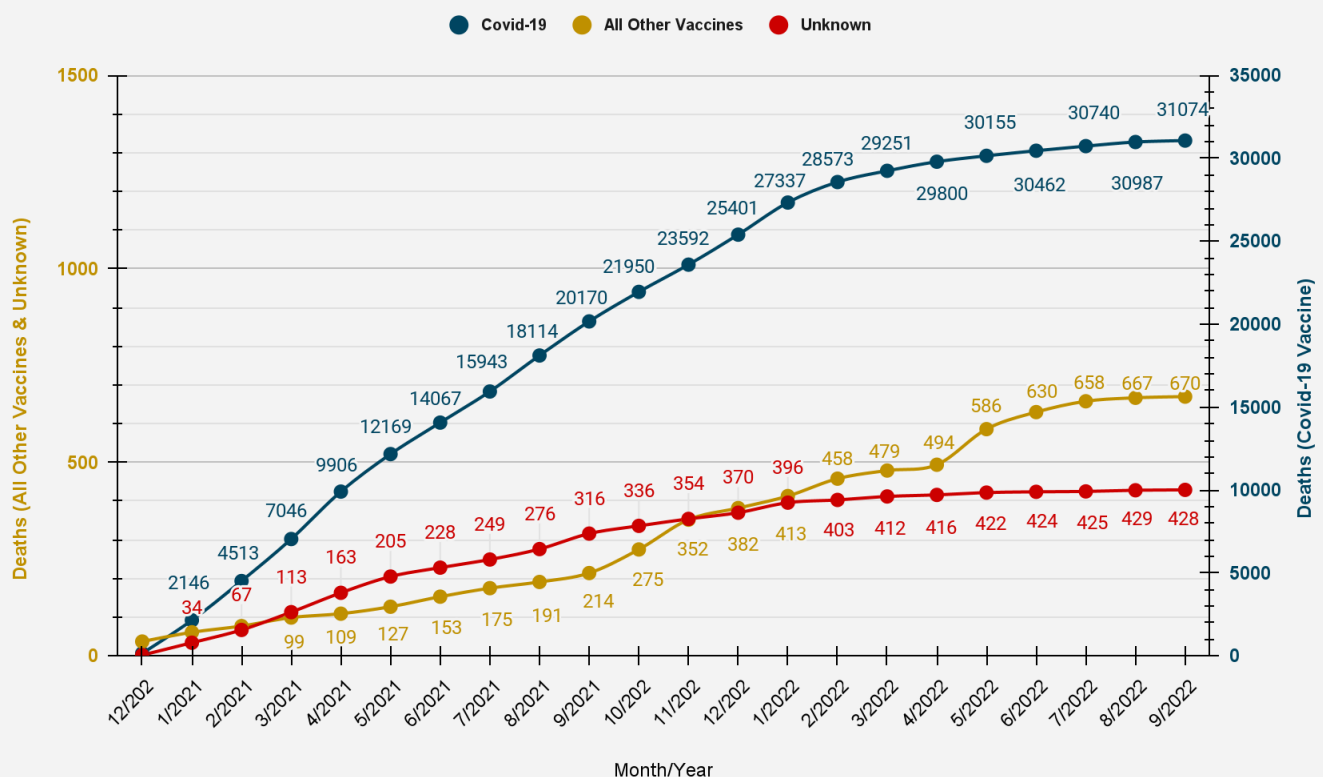
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	1,418,220	896,530	868,175	778,725
Number of Life-Threatening Events	34,115	14,706	13,176	10,045
Number of Hospitalizations	177,987	85,426	69,099	39,581
Number of Deaths	31,074	9,919	14,531	5,412
# of Permanent Disabilities after vaccination	58,030	21,339	14,887	13,177
Number of Office Visits	206,093	53,419	170,660	50,948
# of Emergency Room/Department Visits	135,544	214,313	103,560	204,561
# of Birth Defects after vaccination	1,168	204	544	110

**\*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 - 1.5 Year Summary

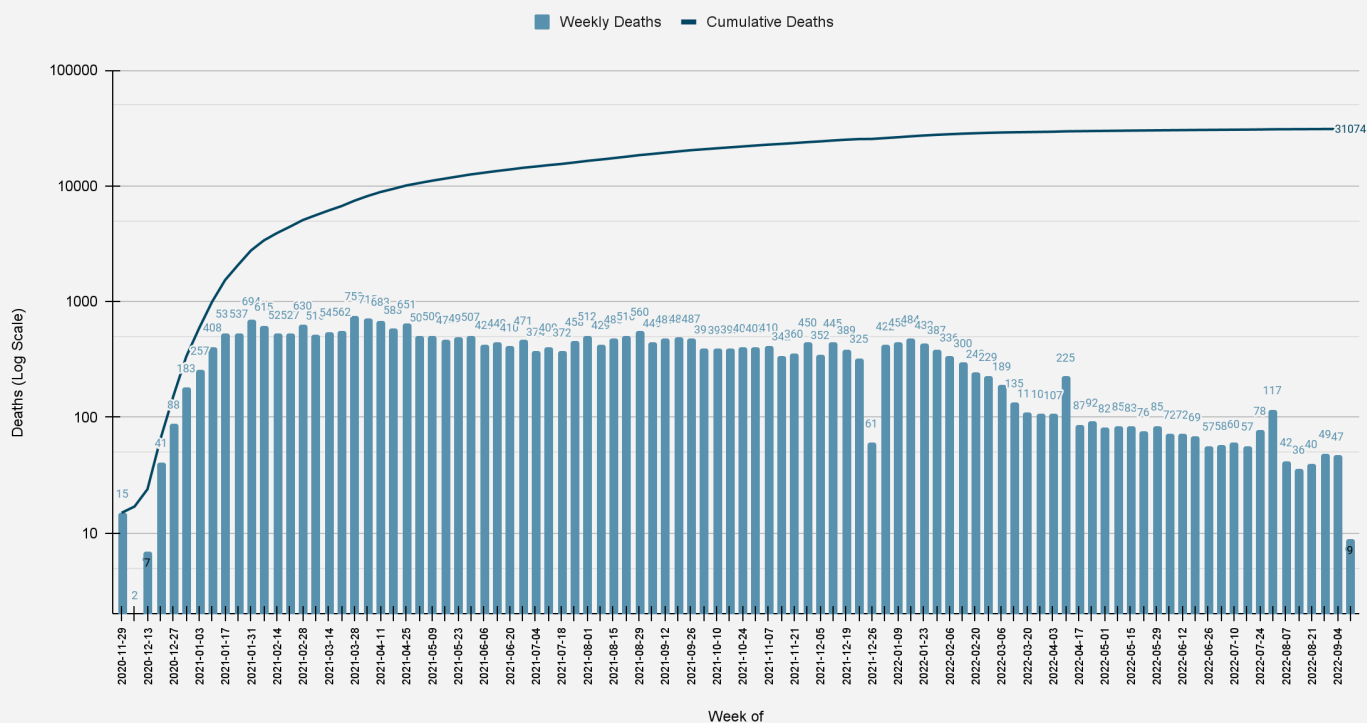
Data obtained from CDC's VAERS



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

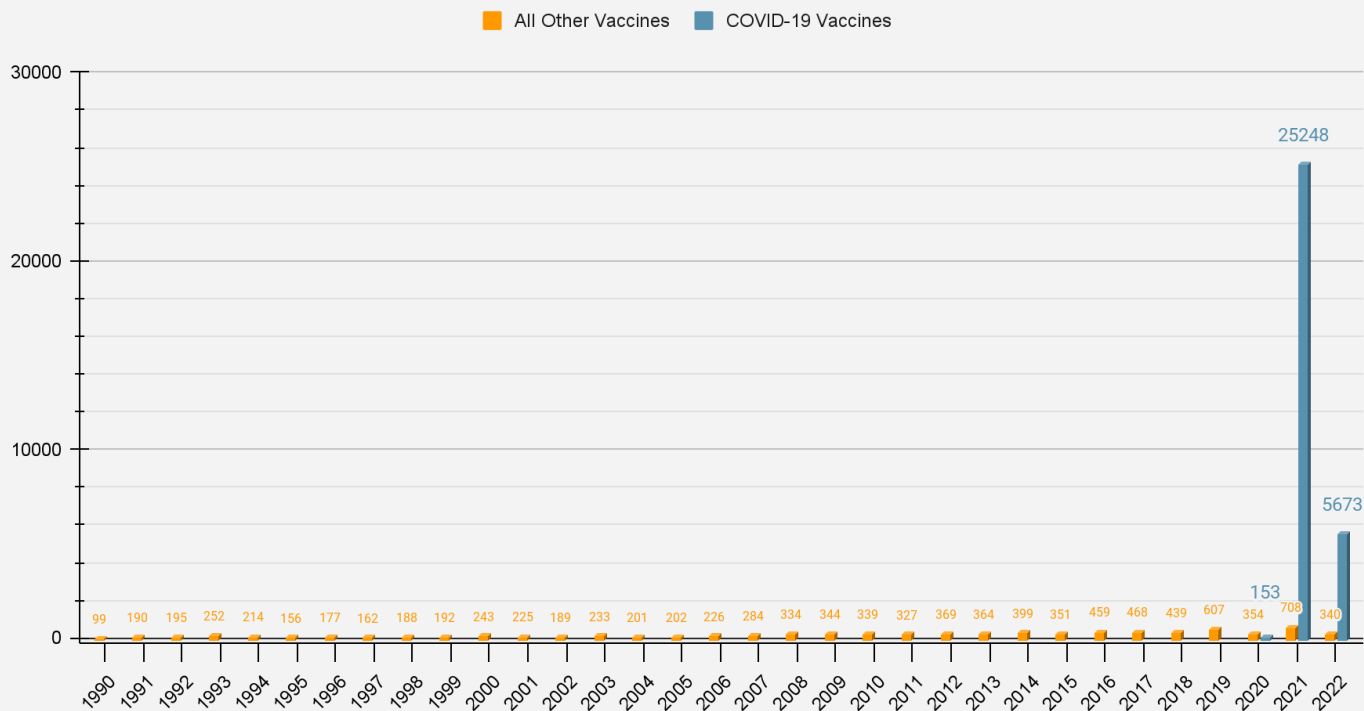
## Reported Deaths by Week, COVID19 Vaccines

Data Obtained from CDC's VAERS



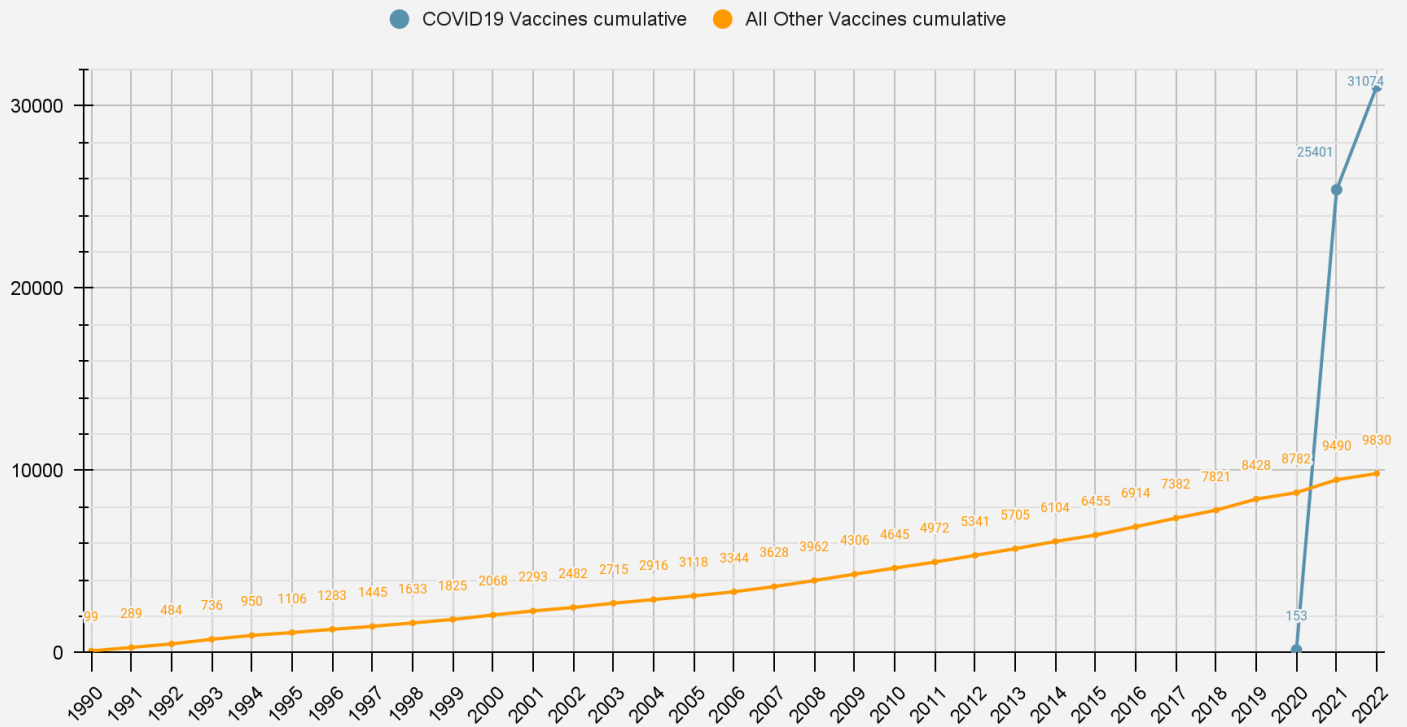
## Reported Deaths by Year, COVID19 vs. All Other Vaccines

Data Obtained from CDC's VAERS



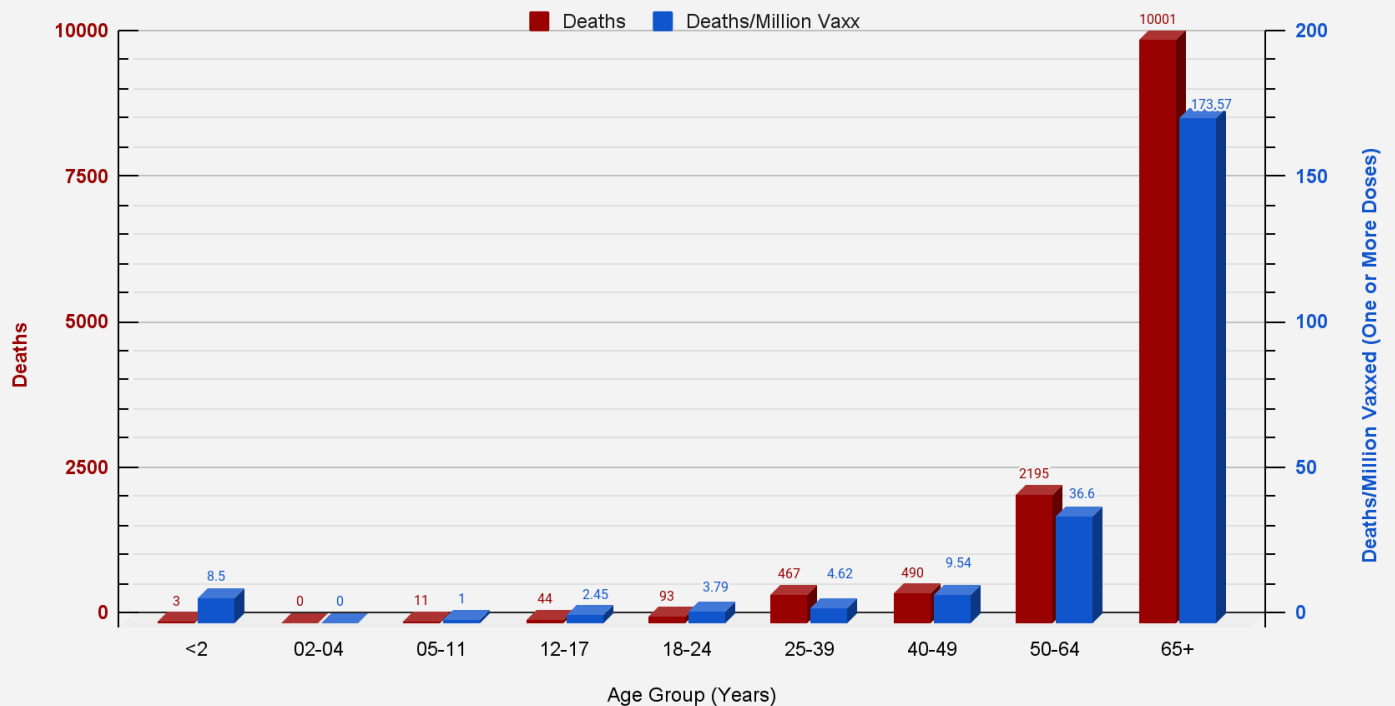
# Reported Deaths by Year, COVID19 vs. All Other Vaccines, Cumulatively

Data Obtained from CDC's VAERS



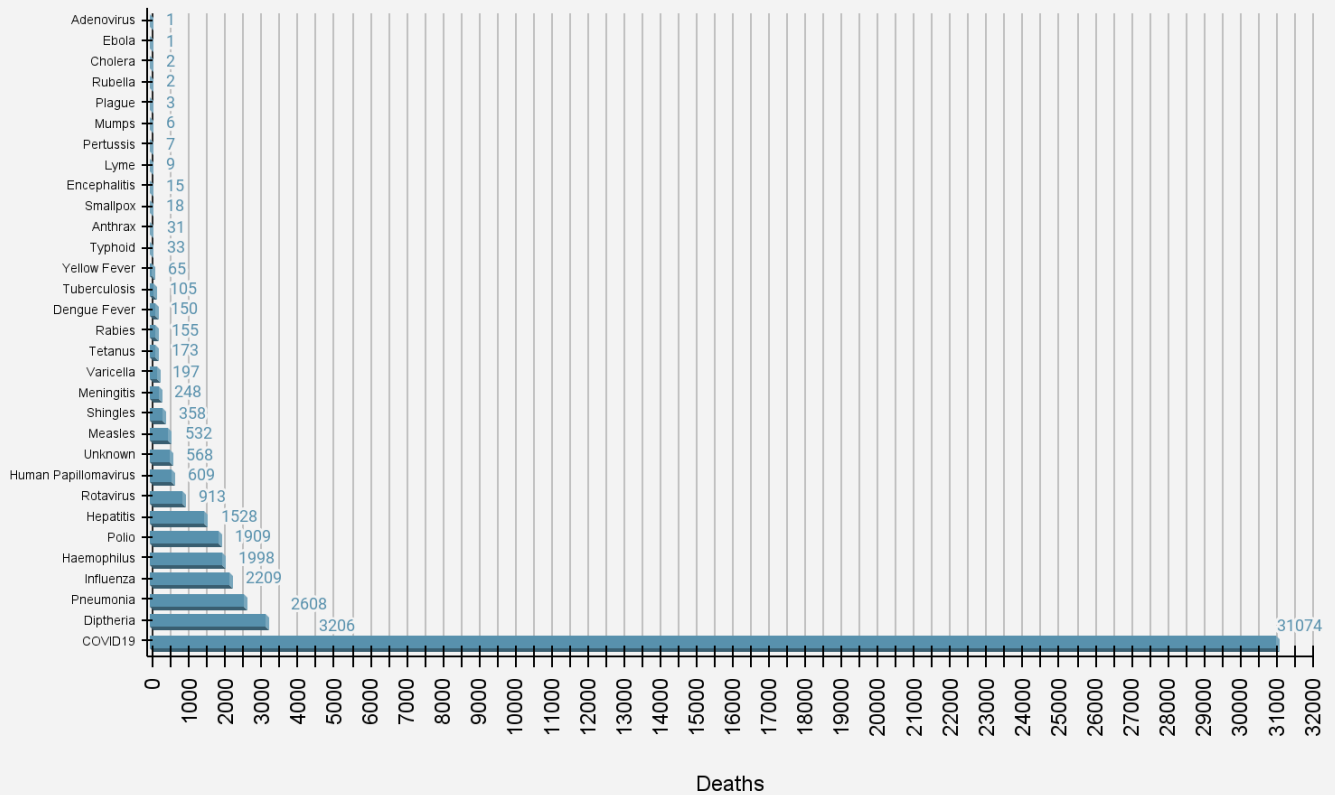
## Age Stratification of Deaths After COVID-19 Vaccination US Data Only

Data Obtained from CDC's VAERS



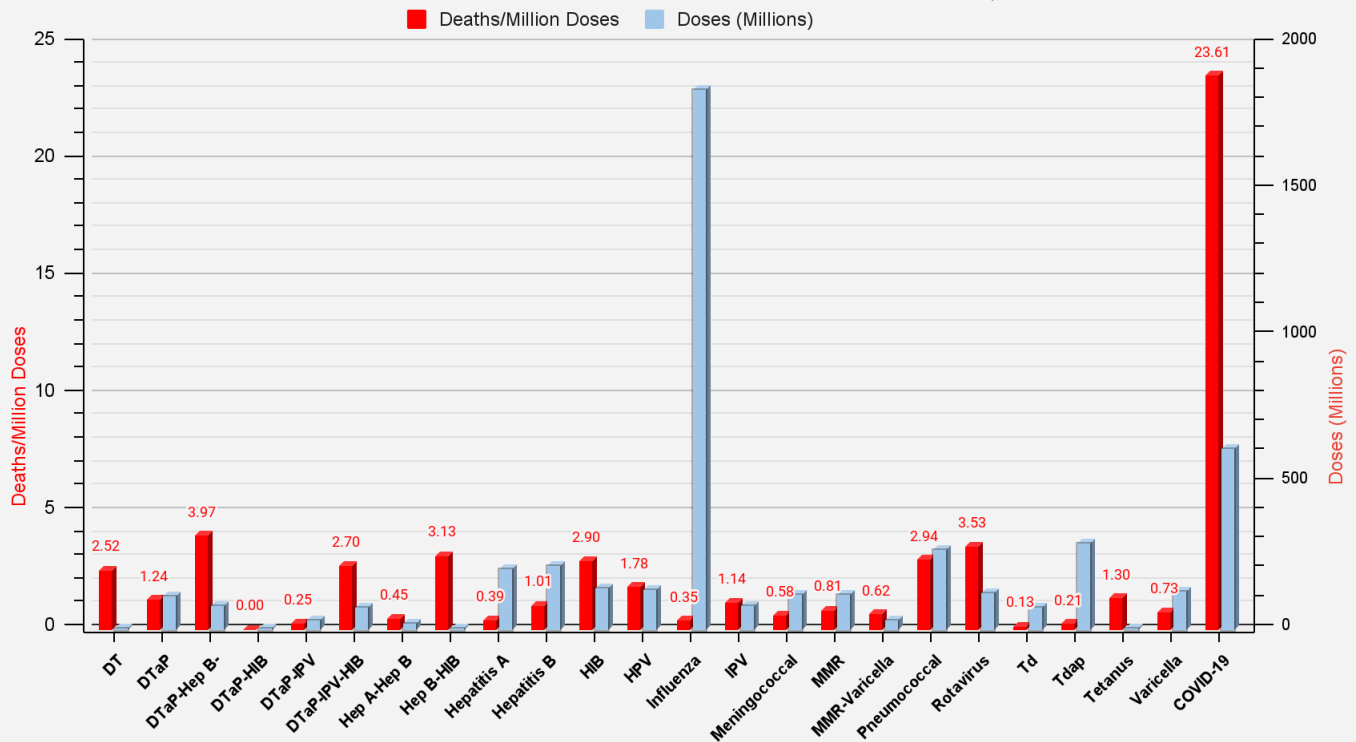
## Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



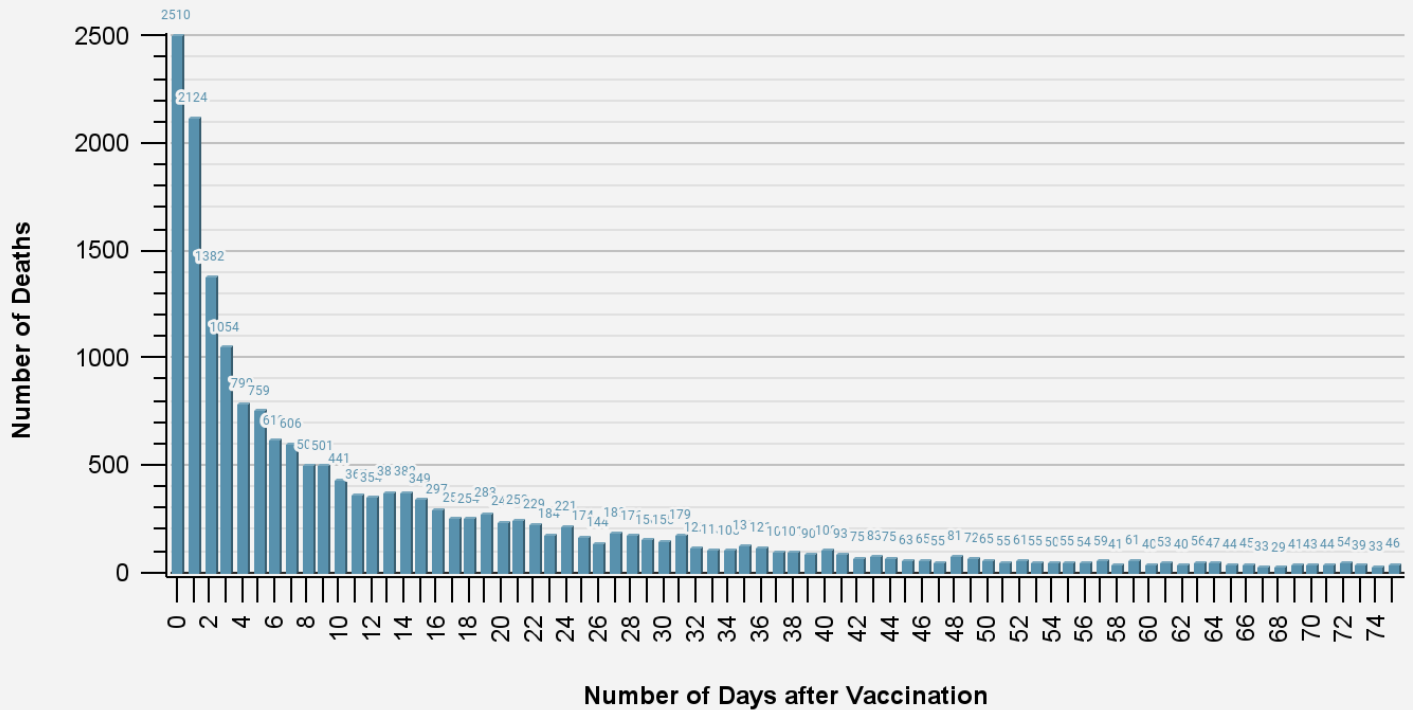
## Deaths Per Million Doses (US Only) Traditional Vaccines (2006 - 2019), Covid-19 Vaccines (2020-Present)

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



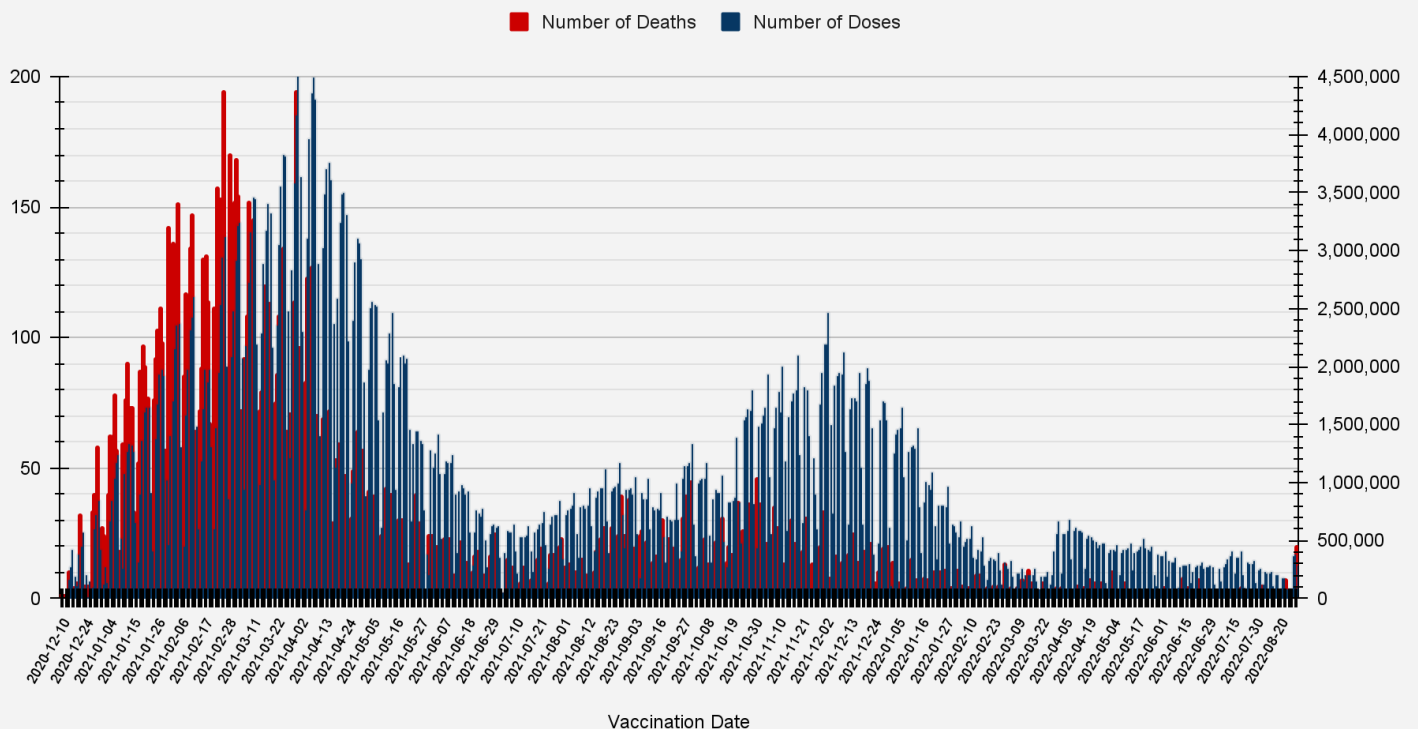
# Number of Deaths by Days After COVID19 Vaccination

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



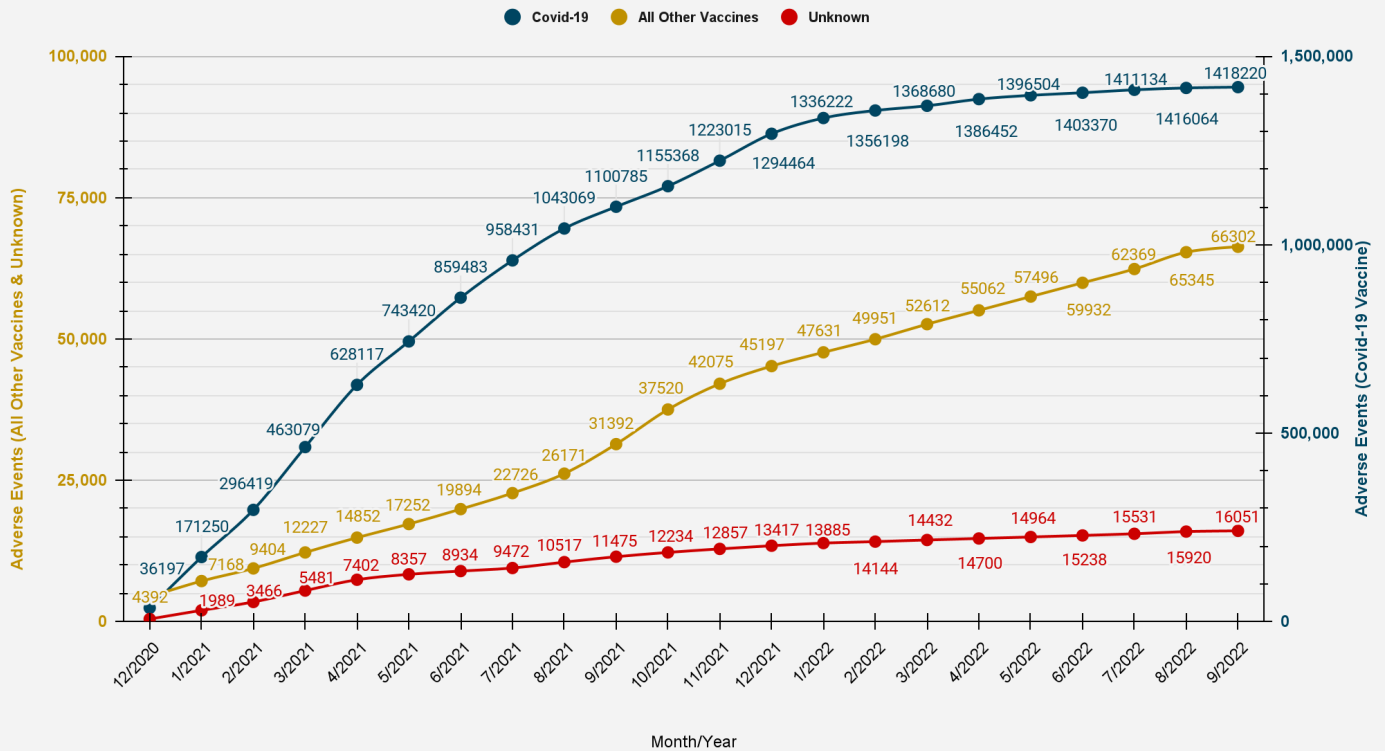
Data Obtained from CDC's VAERS



# Adverse Events

## Cumulative Reported AEs After Vaccination - 1.5 Year Summary

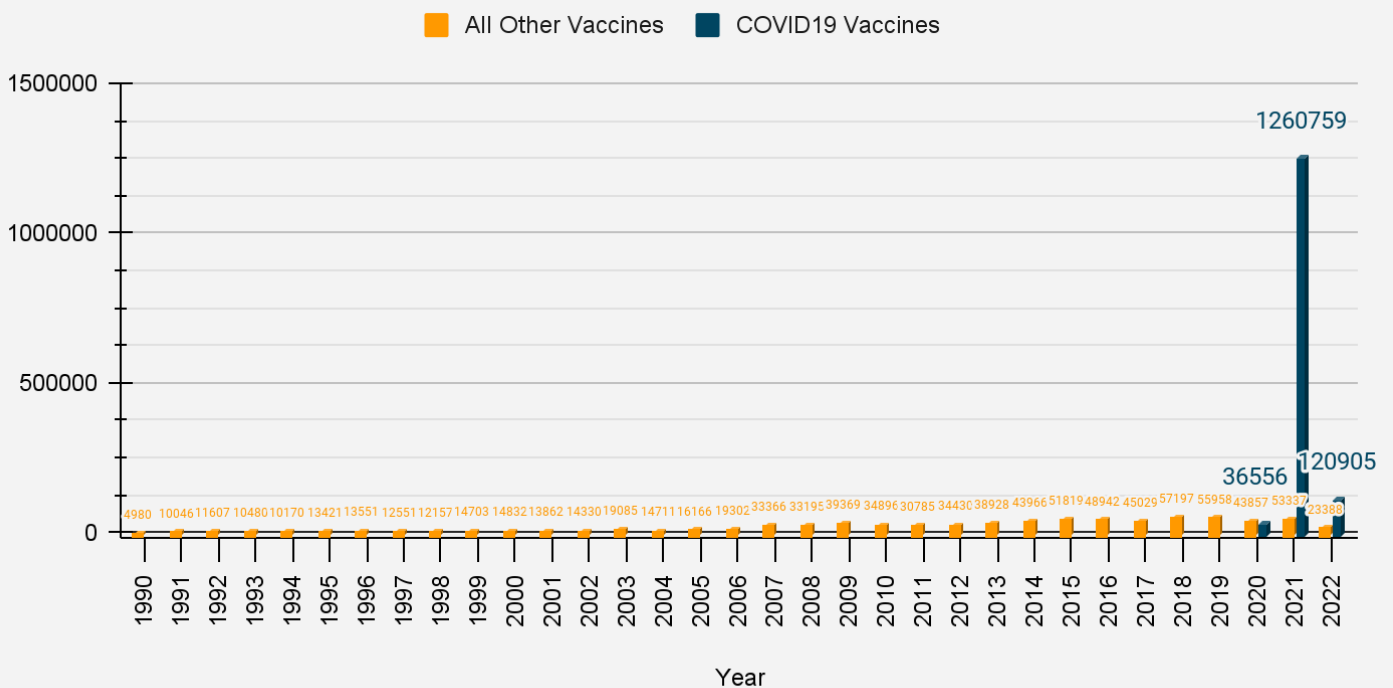
Data obtained from CDC's VAERS



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

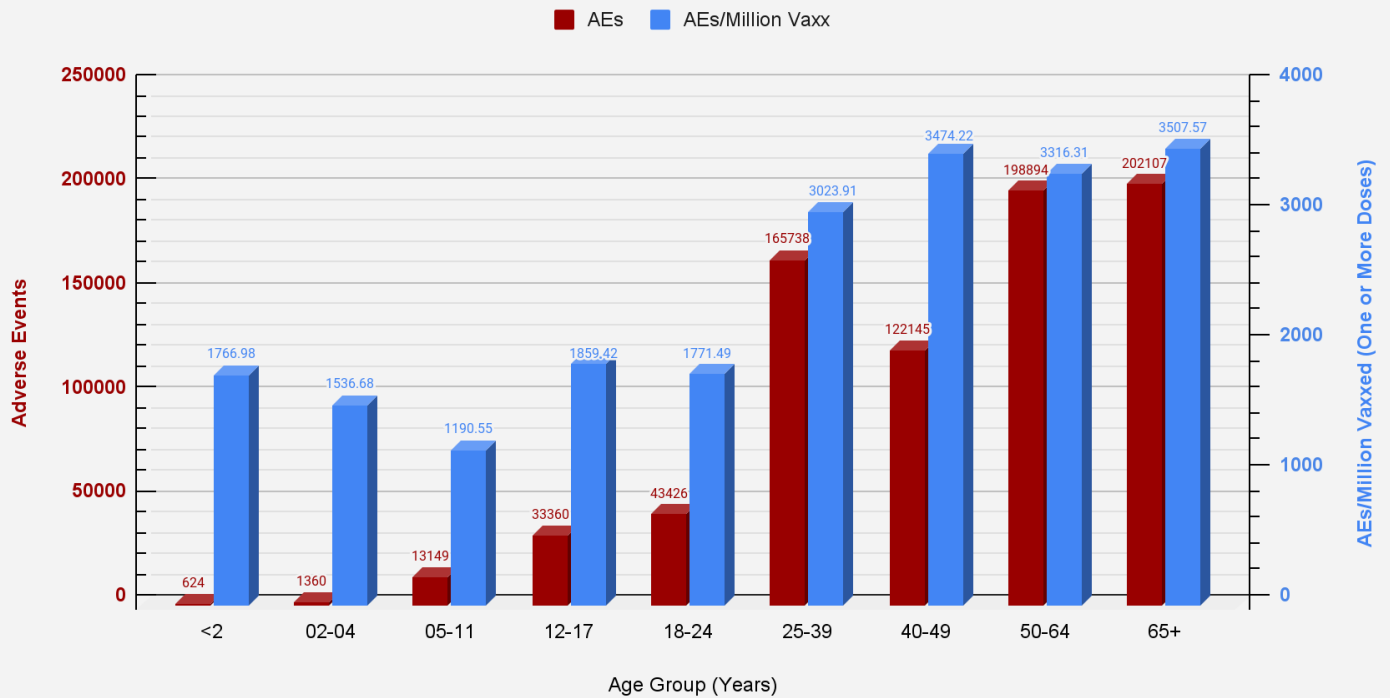
## Reported Adverse Events by Year, COVID19 vs. All Other Vaccines

Data obtained from CDC's VAERS



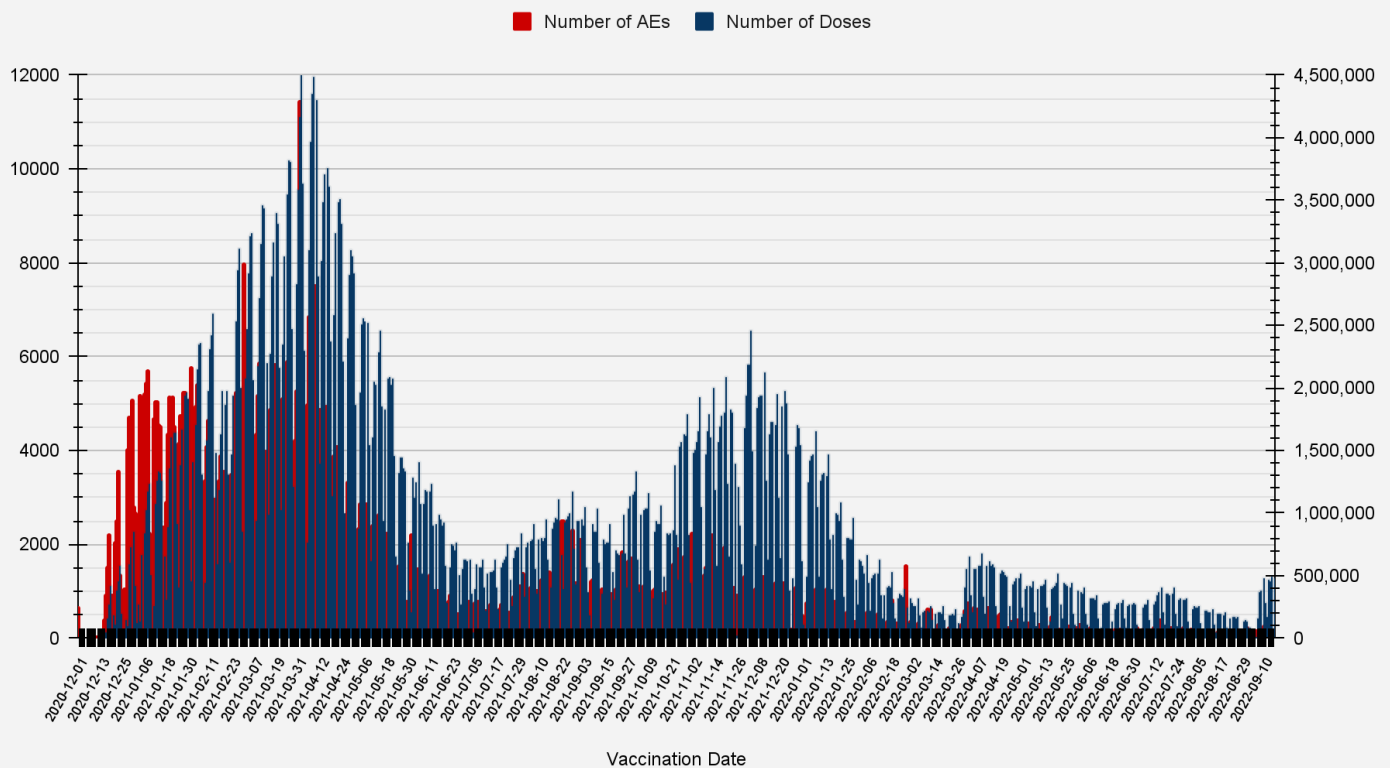
# Age Stratification of Adverse Events After COVID-19 Vaccination US Data Only

Data obtained from CDC's VAERS



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

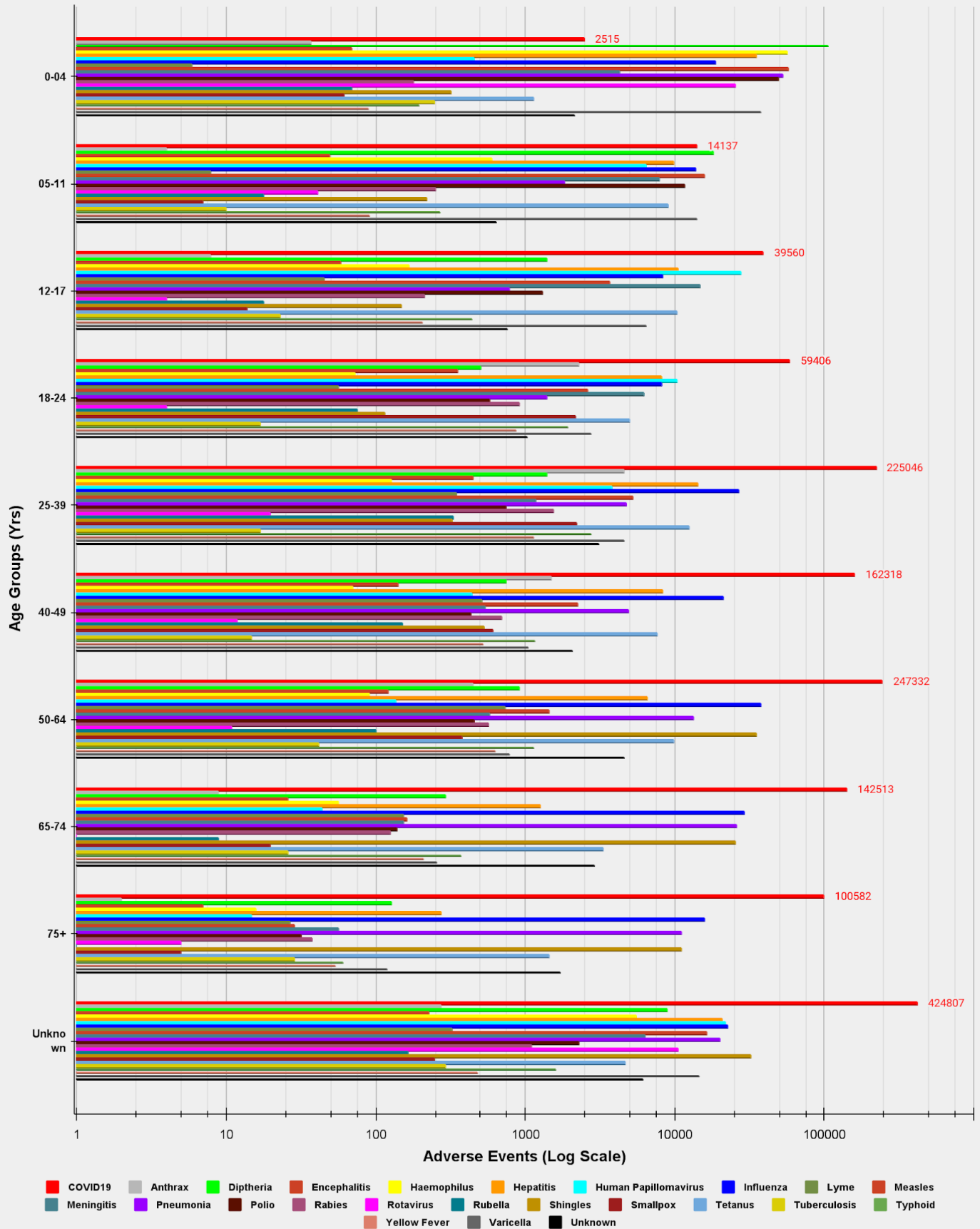
Data Obtained from CDC's VAERS





# 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\*\*\***

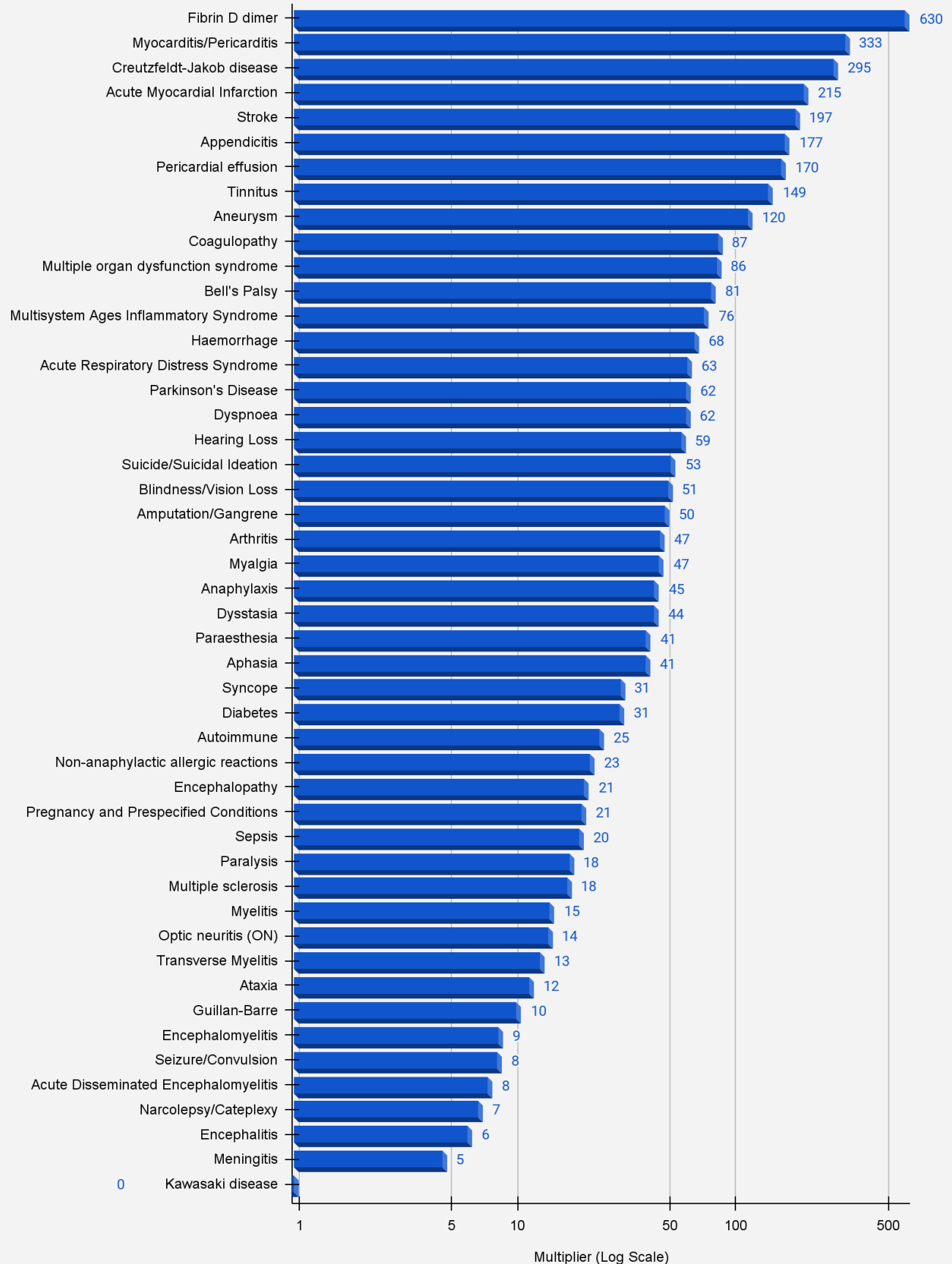
- Guillain-Barré syndrome
- Acute disseminated encephalomyelitis
- Transverse myelitis
- Encephalitis/myelitis/encephalomyelitis/meningoencephalitis/meningitis/encephalopathy
- Convulsions/seizures
- Stroke
- Narcolepsy and cataplexy
- Anaphylaxis
- Acute myocardial infarction
- Myocarditis/pericarditis
- 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	2950	59	4532	143
Acute Disseminated Encephalomyelitis	230	7	449	30
Transverse Myelitis	662	5	848	16
Encephalitis	2846	377	4894	475
Convulsions/Seizures	17380	568	30162	531
Stroke	16723	1502	1648	113
Narcolepsy, Cataplexy	335	6	387	3
Anaphylaxis	50886	194	41662	172
Acute Myocardial Infarction (Heart Attack)	5582	1553	346	155
Myocarditis/Pericarditis	23613	357	988	88
Autoimmune Disease	2302	34	1137	16
Other Acute Demyelinating Diseases	433	7	868	25
Pregnancy and birth outcomes (Miscarriages)	4750	148	2908	49
Other Allergic Reactions	2535	4	2092	3
Thrombocytopenia	6347	507	3650	137
Disseminated Intravascular Coagulation	288	93	61	26
Venous Thromboembolism	26352	1573	695	114
Arthritis and Arthralgia/Joint Pain	83933	286	29306	79
Kawasaki Disease	103	2	727	9
Systemic Inflammatory Response Syndrome	958	65	369	6

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

(Data from VAERS through 9/16/22)



## 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	173,412,064 <sup>[2]</sup>	5,816	1 in 29,816	0.003354%	33.54
<b>Risk of dying from COVID vaccine is 170 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	9,733	1 in 17,204	0.005813%	58.13
COVID19	173,412,064	568,956	1 in 305	0.328095%	3,280.95
<b>Risk of adverse reaction from COVID vaccine is 56 times greater than Flu Vaccine</b>					

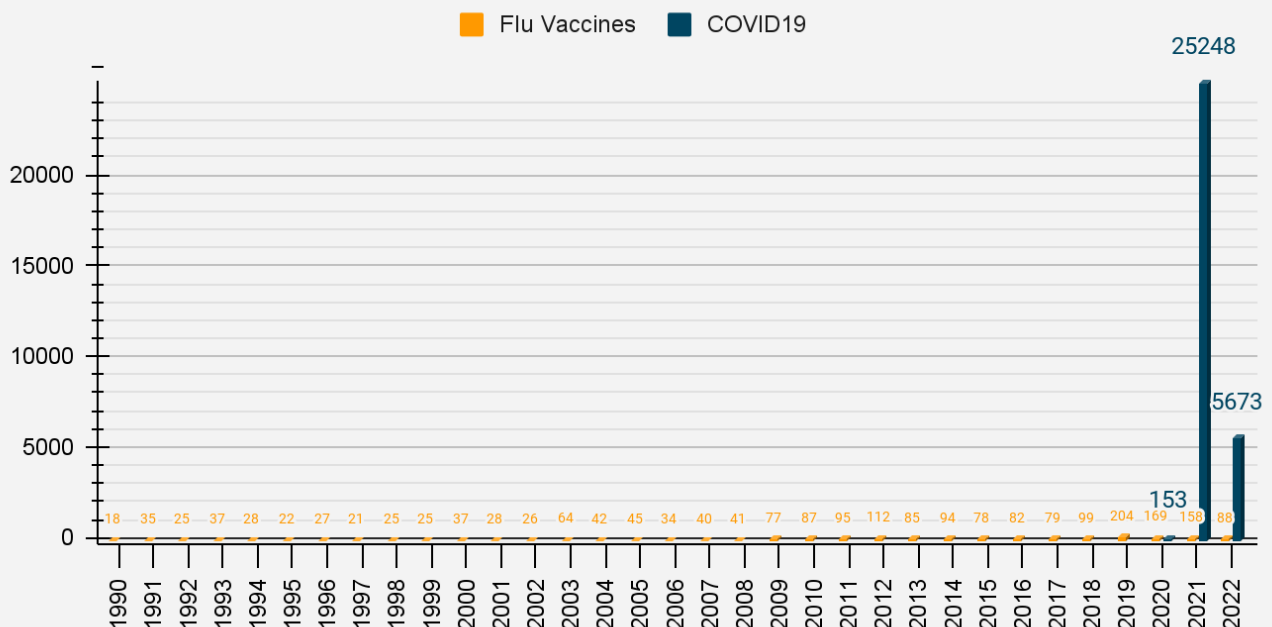
[1] number of flu vaccinations based on estimated flu vaccine coverage data from [CDC](#) and estimated population data from [US Census](#). Yearly flu vaccination data covers a period of time from 7/1 to 5/31 of the following year.

[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)	2704	8.67	4.77	1747	18896040	92.45	567	2/26/2021
Moderna	8385	26.87	13.16	6137	231784237	26.48	637	12/18/2020
Pfizer/Biontech	19934	63.88	30.95	6639	364799403	18.2	644	12/11/2020
Unknown	186	0.6		59	665337			

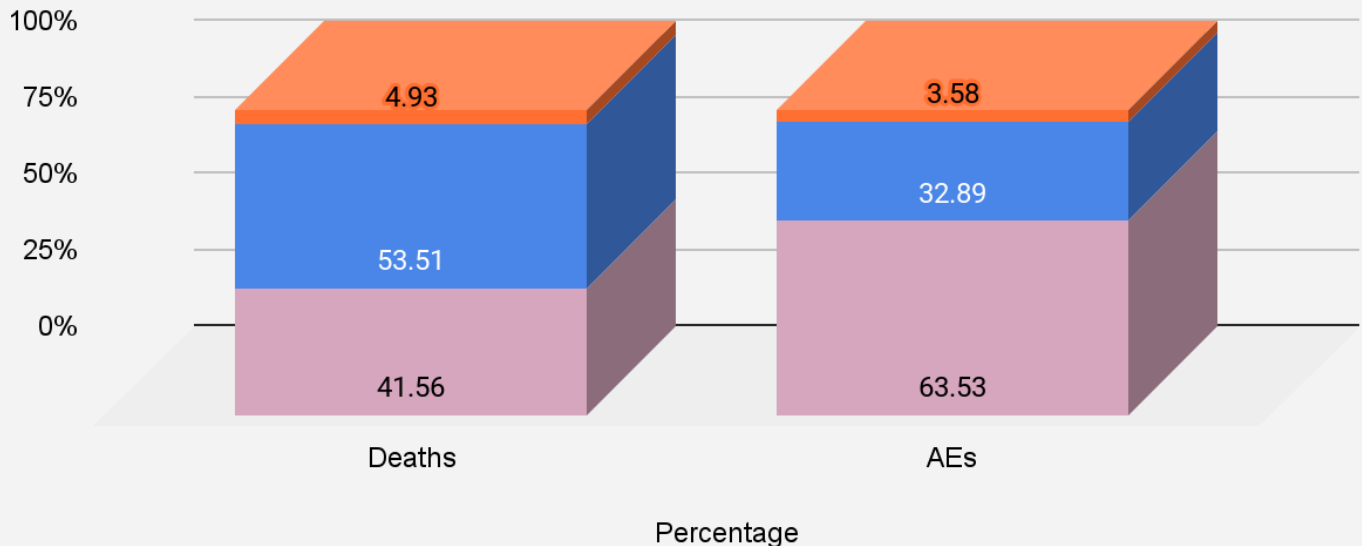
Manufacturer	# of AEs	% AEs	Average AEs/Day	# US AEs	# US Doses Administered	Average US AEs/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	94862	6.65	167.31	70586	18896040	3735.49	567	2/26/2021
Moderna	479348	33.61	752.51	395965	231784237	1708.33	637	12/18/2020
Pfizer/Biontech	844755	59.23	1311.73	401865	364799403	1101.61	644	7/13/2022
Unknown	7633	0.54		3976	665337			
Novavax	85	0.01	1.31	81	27291	2968.01	65	12/11/2020

## Vaccine Data by Gender

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

All Data Obtained from CDC's VAERS

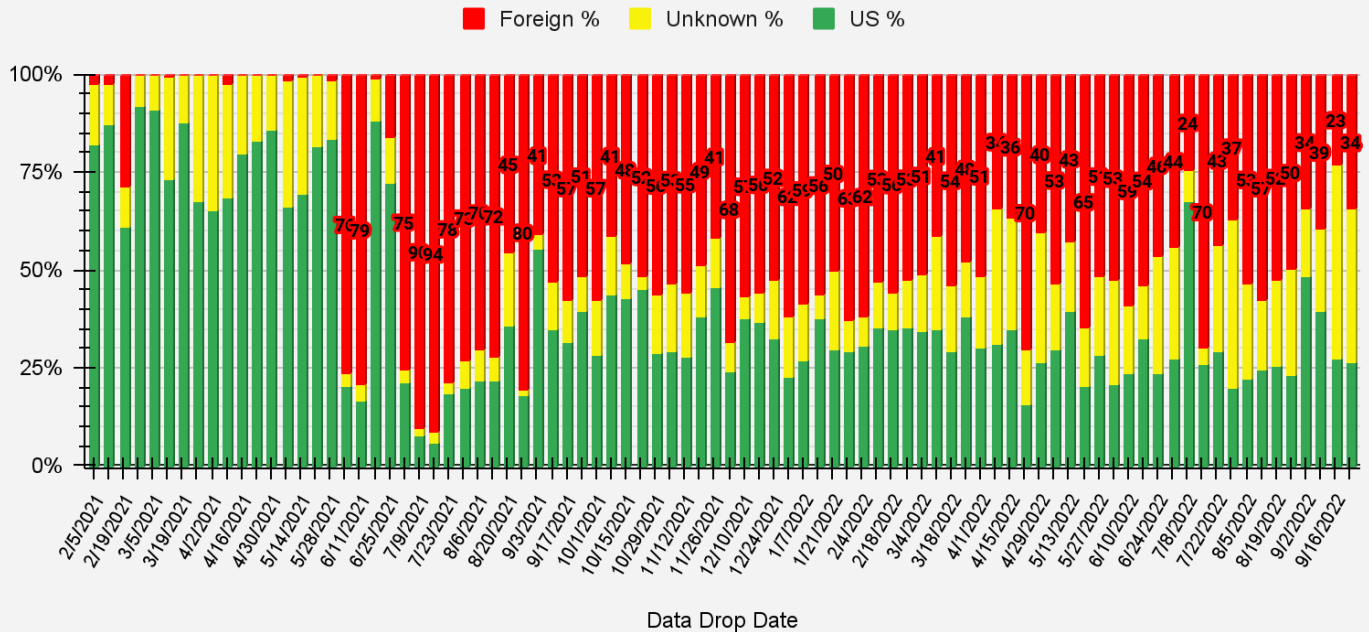
Unknown Male Female



## Vaccine Data by Location

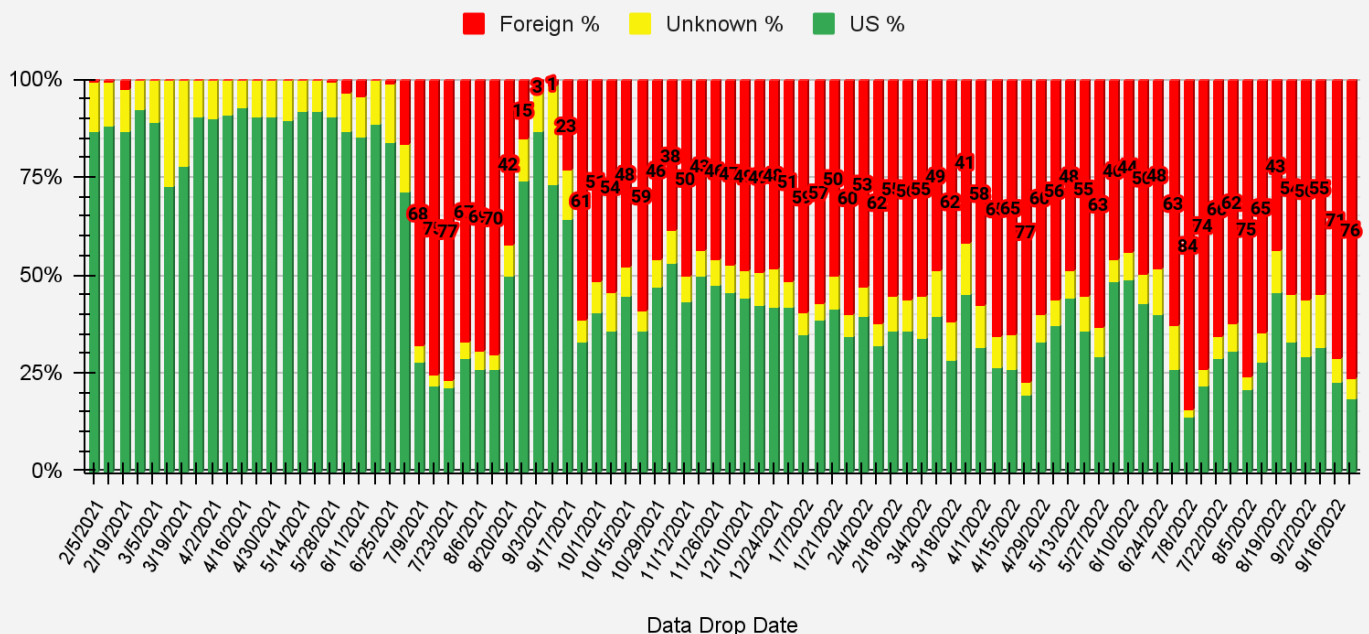
### Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS



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

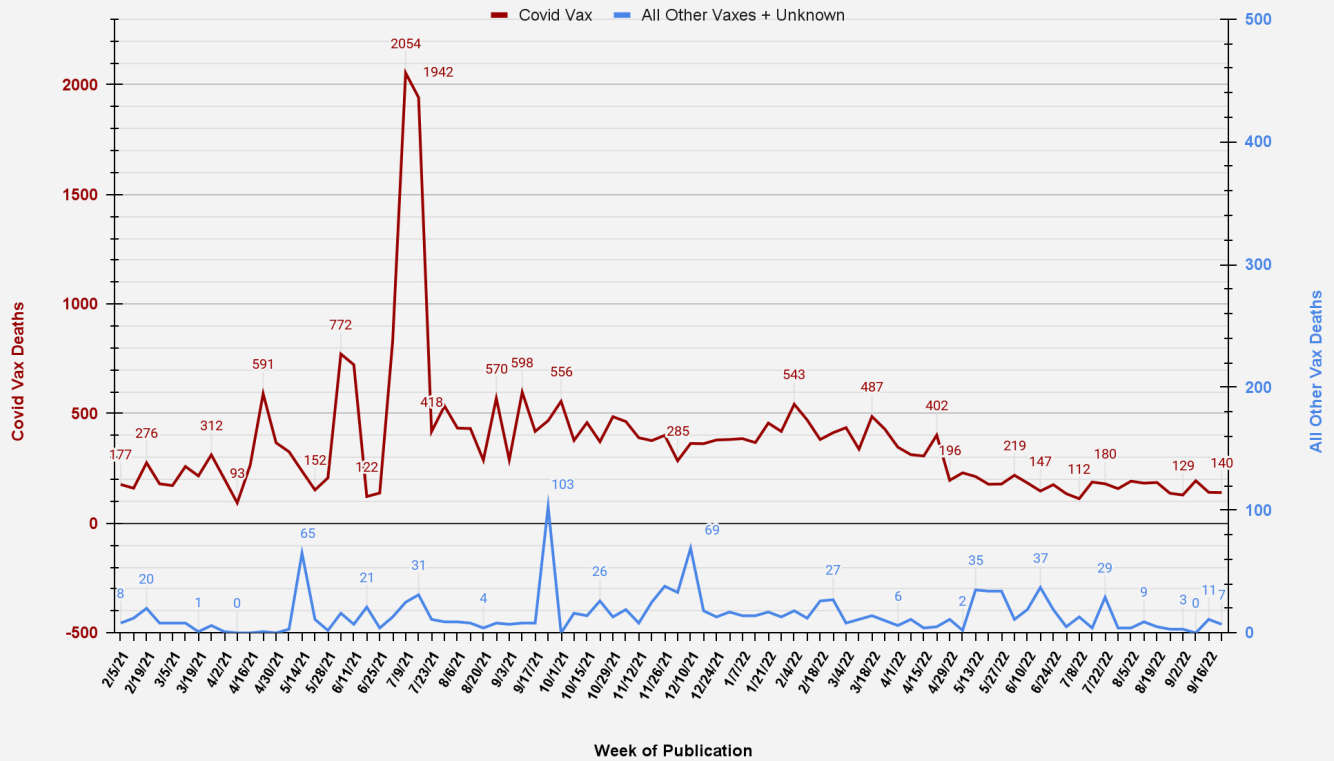
All Data Obtained from CDC's VAERS



# VAERS Weekly Publication History

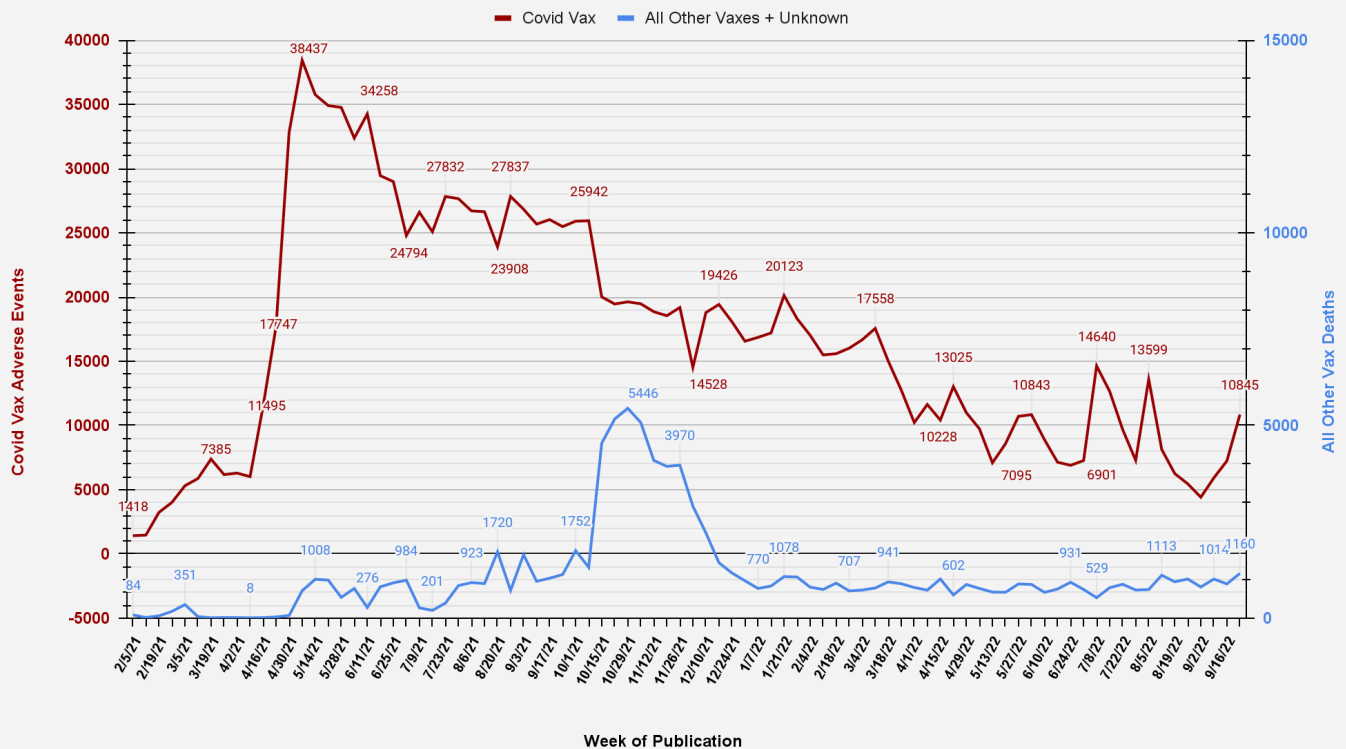
## New VAERS Deaths Published by Week

All Data Obtained from CDC's VAERS



## New VAERS Adverse Events Published by Week

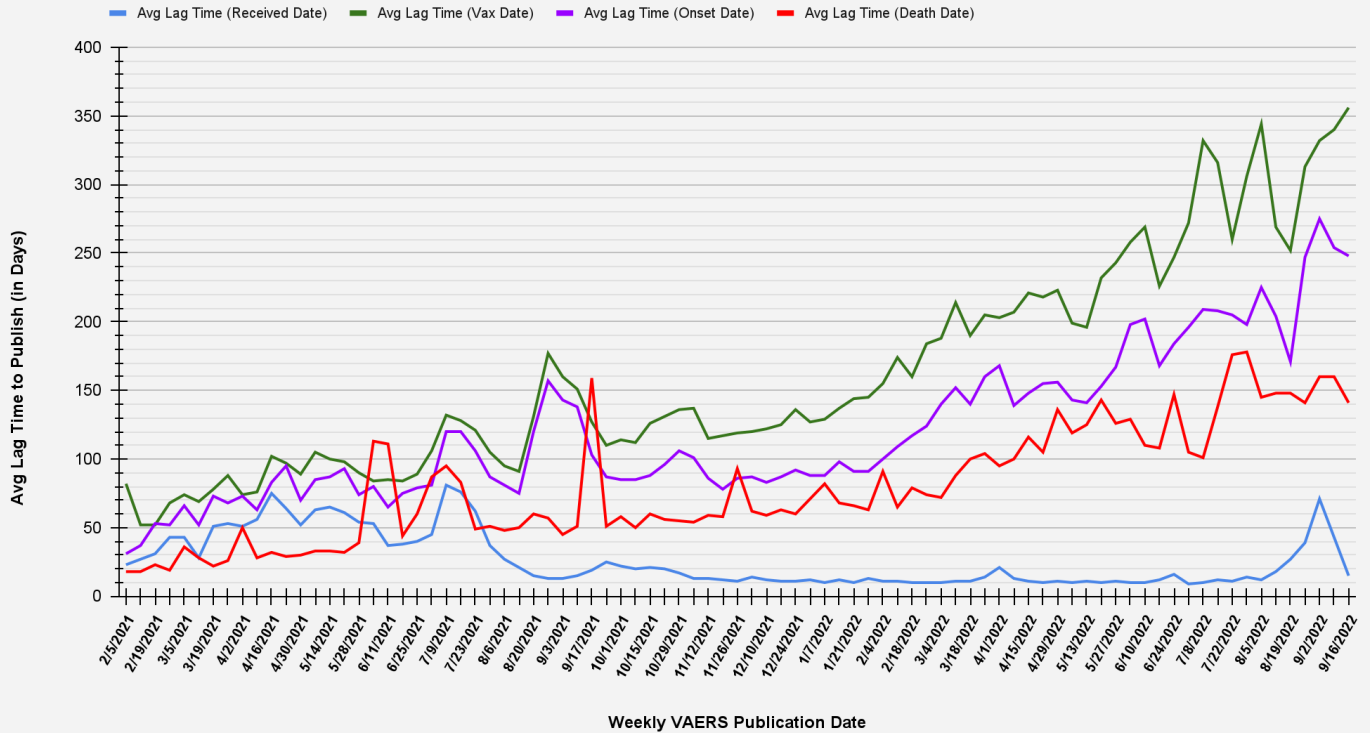
All Data Obtained from CDC's VAERS



## Lag Time to Publish History

### Average Lag Time to Publish in VAERS

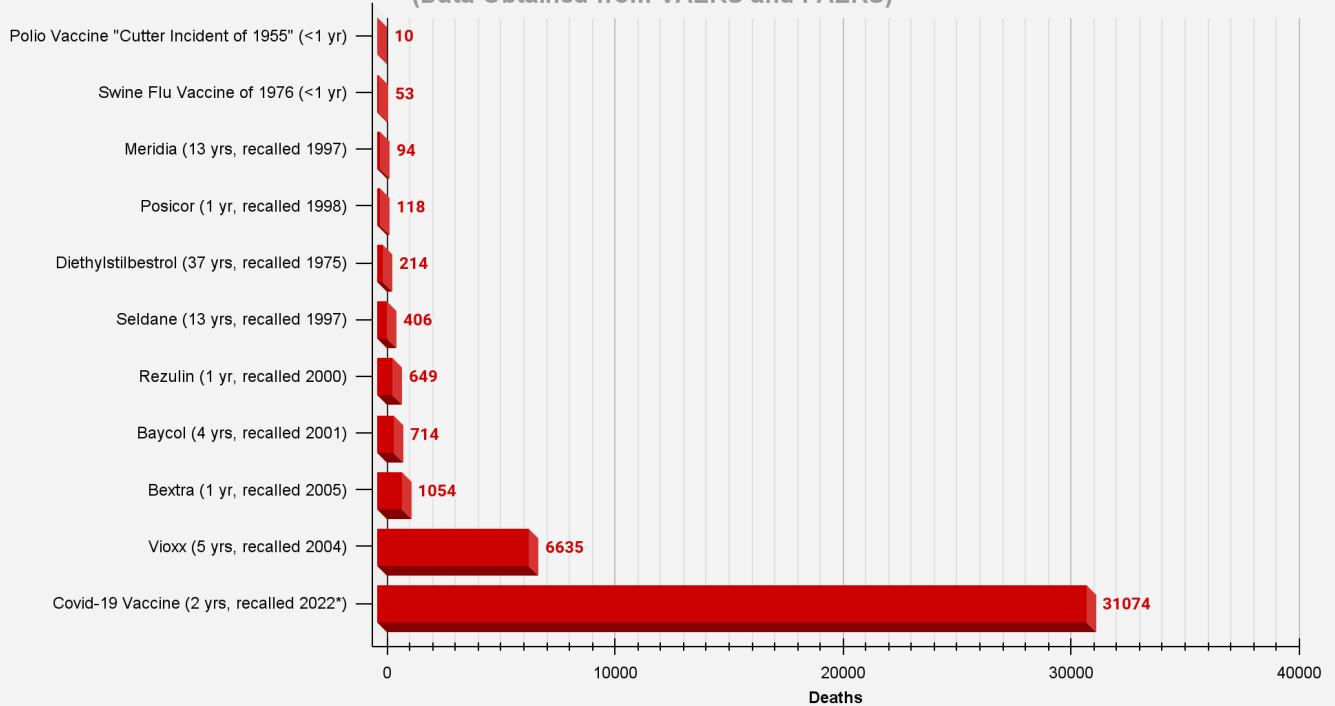
(Avg difference between date of publication and these dates: Received Date, Vax Date, Onset Date, Death Date)



## Recall History

### Reported Deaths for Major Drug/Vaccine Recalls

(Data Obtained from VAERS and FAERS)



\*Projected

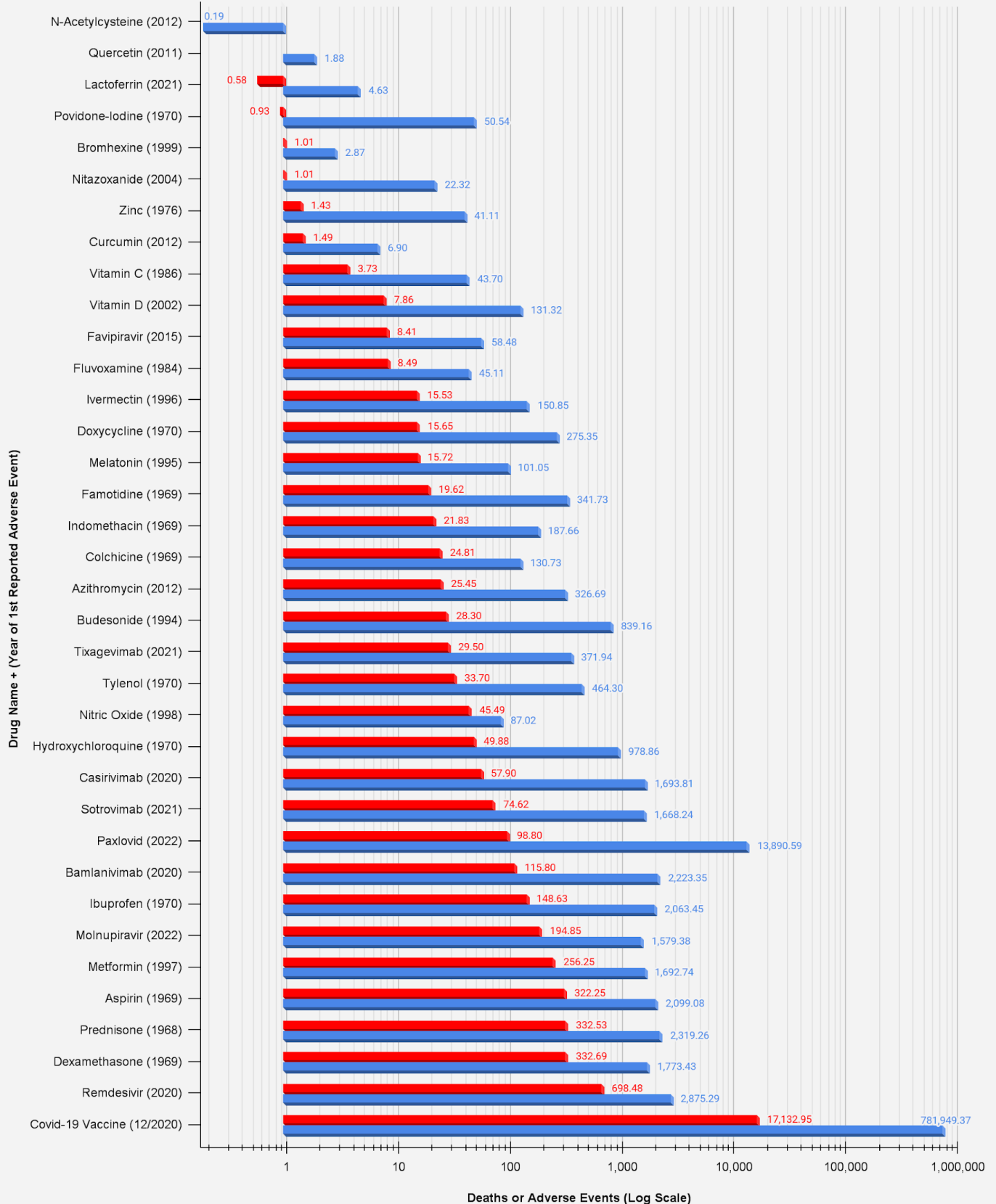


# Alternative Covid-19 Therapeutics

## 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/covaxview/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>