

# VAERS Summary for COVID-19 Vaccines through 4/1/2022

All charts and tables below reflect the data release on 4/8/2022 from the VAERS website, which includes U.S. and foreign data, and is updated through: **4/1/2022**.

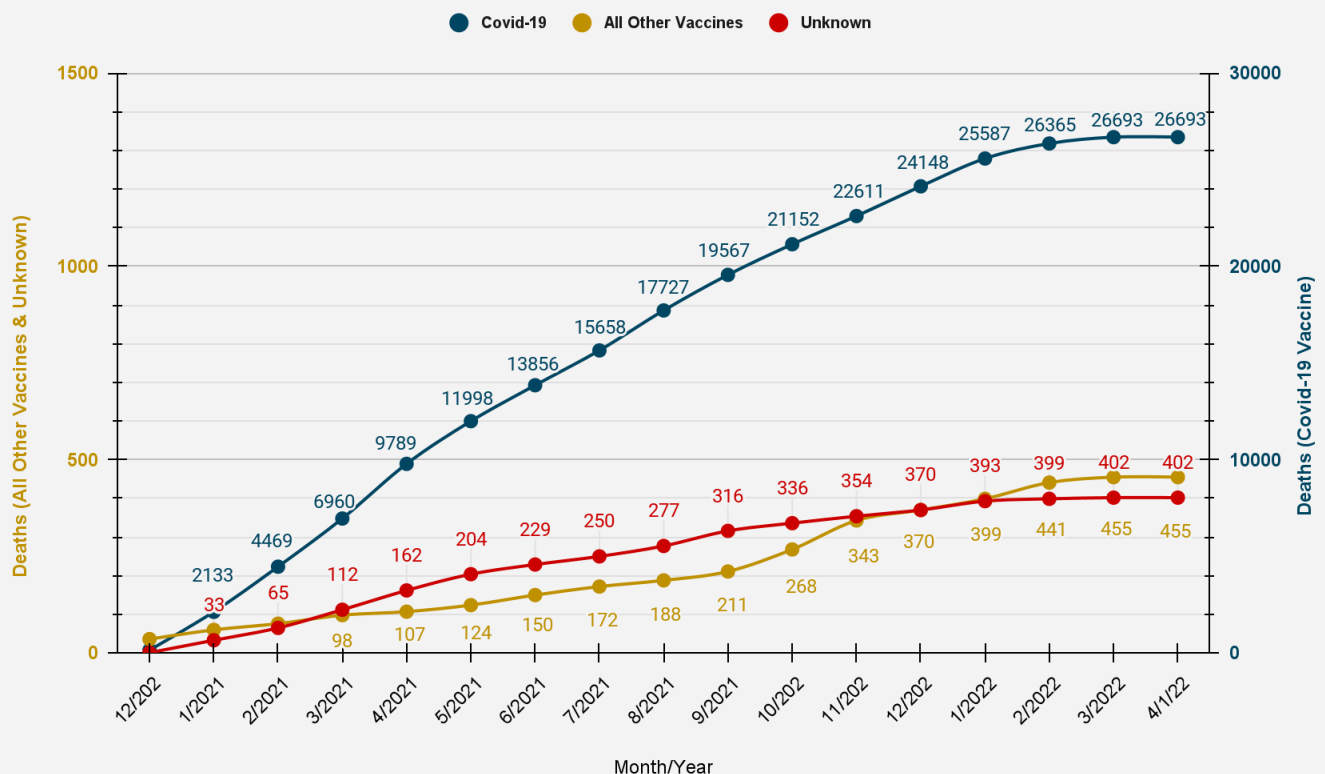
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	1,216,789	877,078	803,169	762,966
Number of Life-Threatening Events	30,024	14,487	12,418	9,976
Number of Hospitalizations	147,677	83,799	59,812	39,168
Number of Deaths	26,693*	9,630*	12,298	5,344
# of Permanent Disabilities after vaccination	49,516	20,998	13,507	12,981
Number of Office Visits	186,549	50,719	158,504	48,470
# of Emergency Room/Department Visits	126,521	213,094	98,743	203,501
# of Birth Defects after vaccination	1,030	196	496	107

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

## Deaths

### Cumulative Reported Deaths After Vaccination - 1 Year Summary

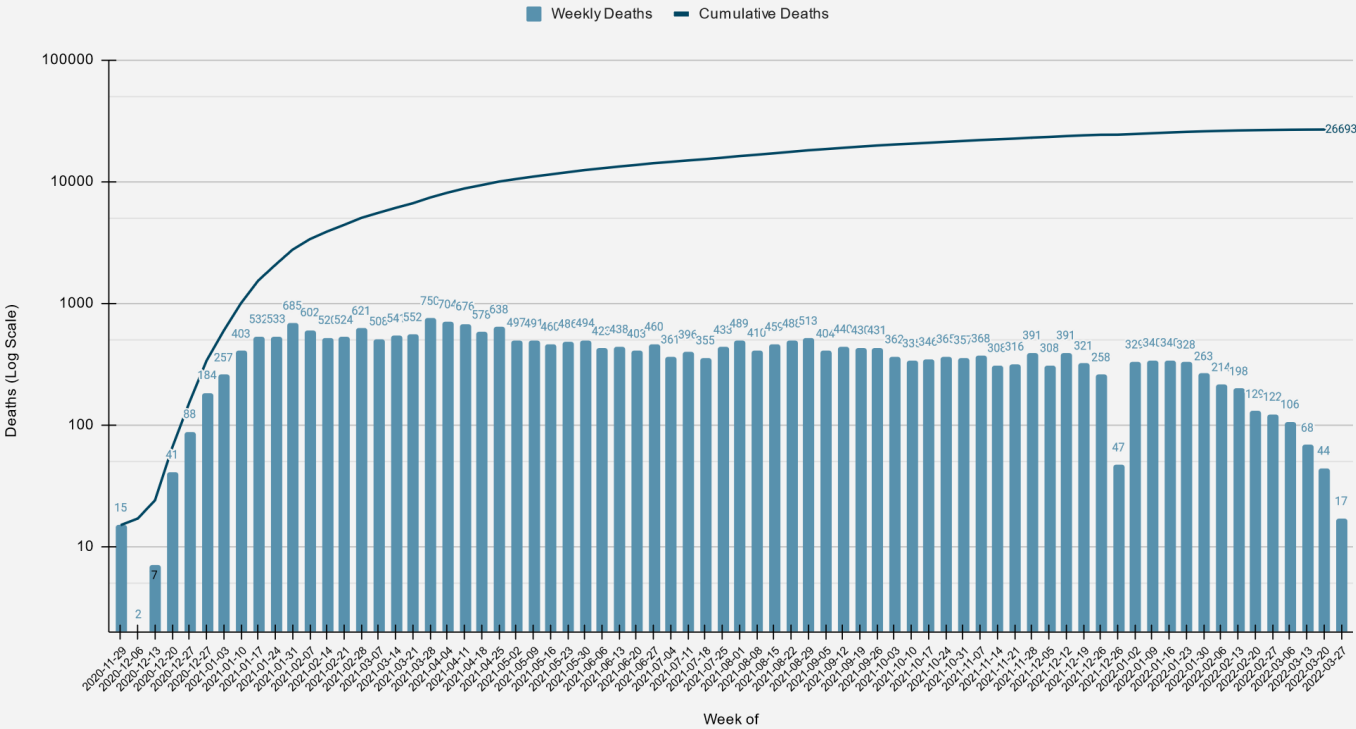
Data obtained from CDC's VAERS



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

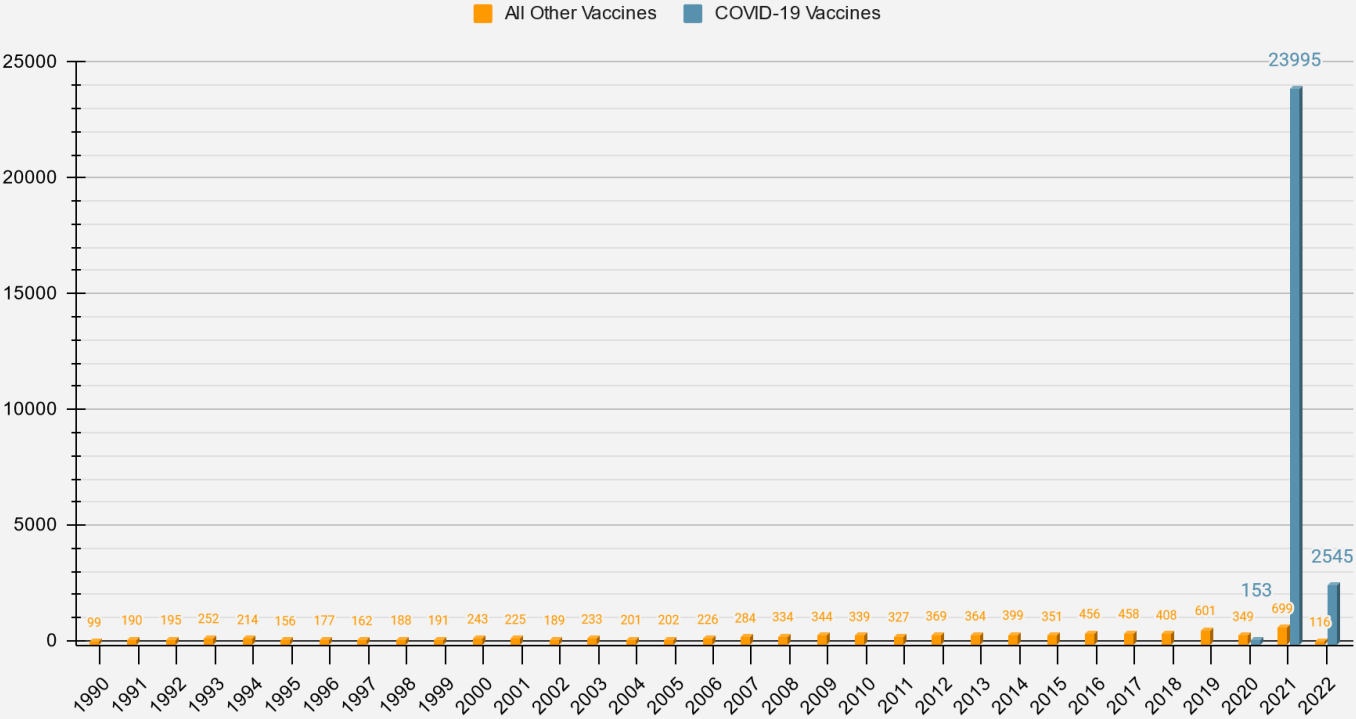
# Reported Deaths by Week, COVID19 Vaccines

Data Obtained from CDC's VAERS



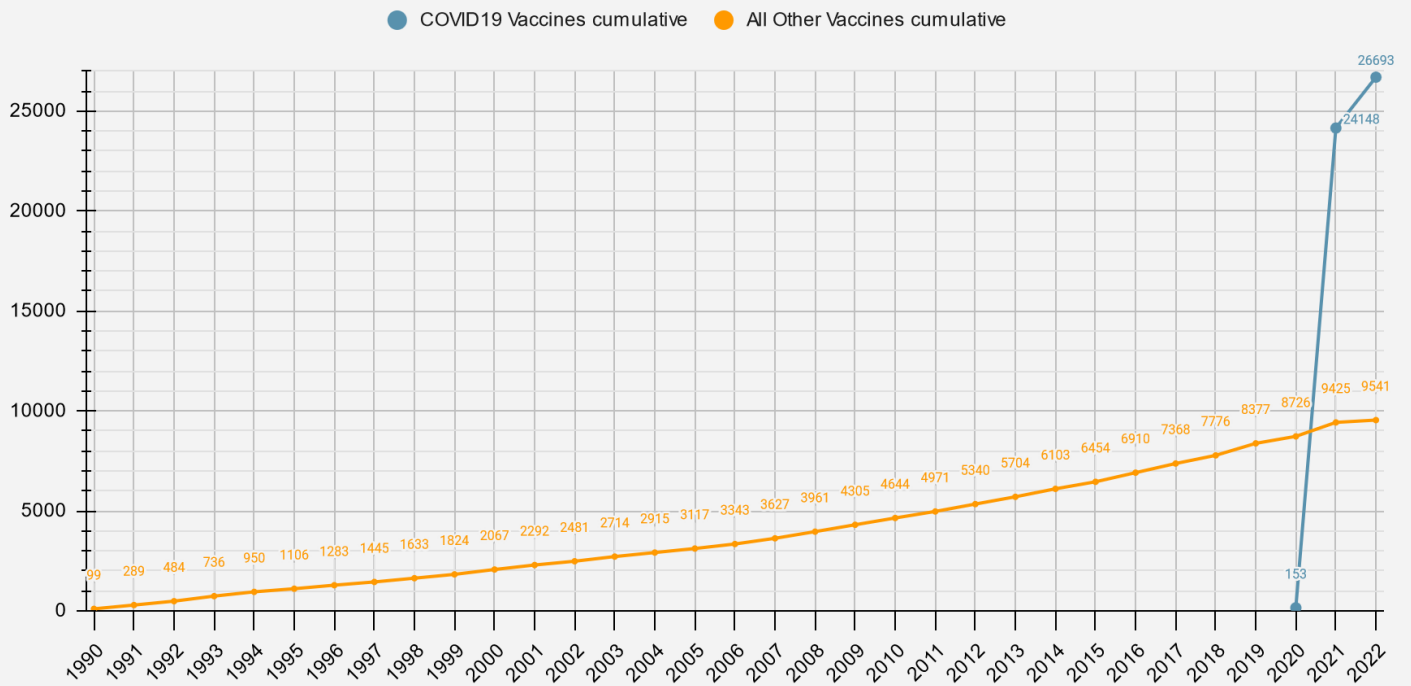
# Reported Deaths by Year, COVID19 vs. All Other Vaccines

Data Obtained from CDC's VAERS



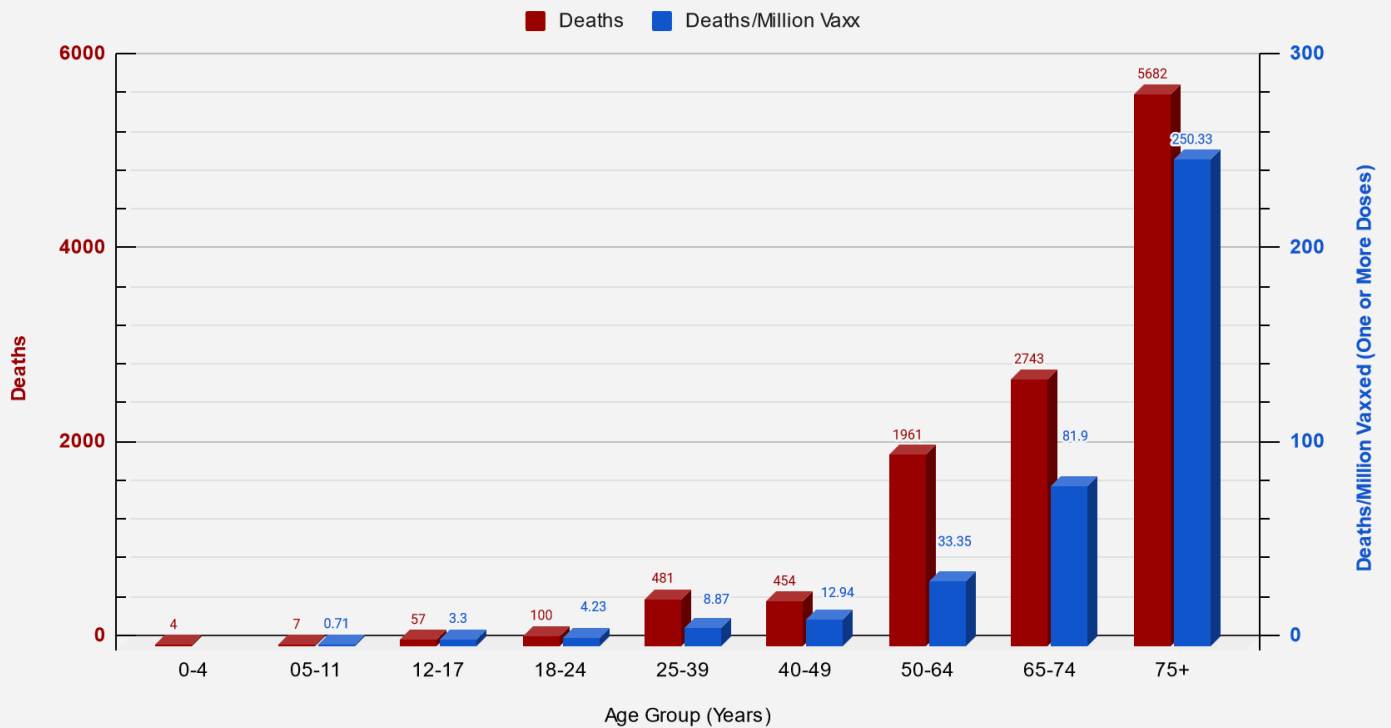
# Reported Deaths by Year, COVID19 vs. All Other Vaccines, Cumulatively

Data Obtained from CDC's VAERS



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

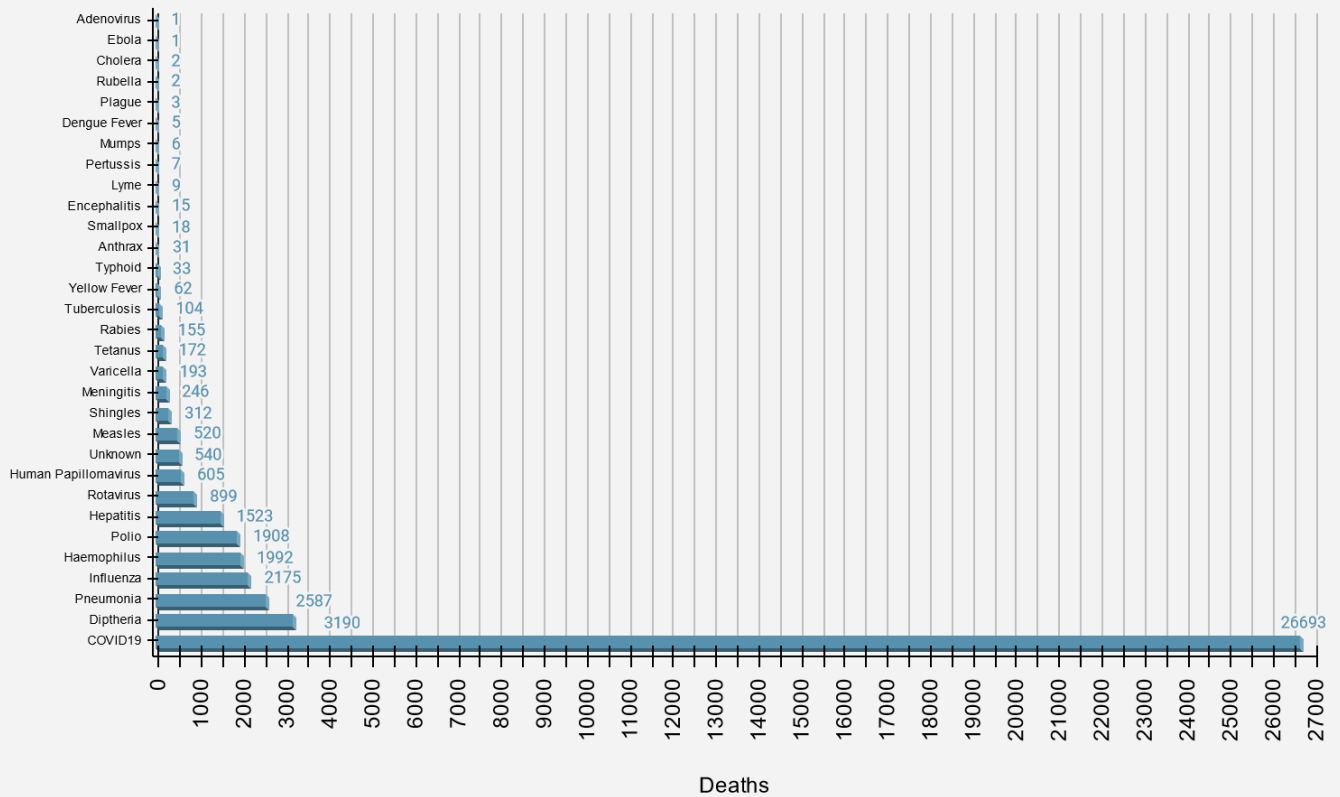
Data Obtained from CDC's VAERS



[Deaths/Million Vaxxed not available for 0-4 yo group as the vaccination data is not available from the CDC for that age range]

## Reported Deaths By Vaccine Type, 1990-Present

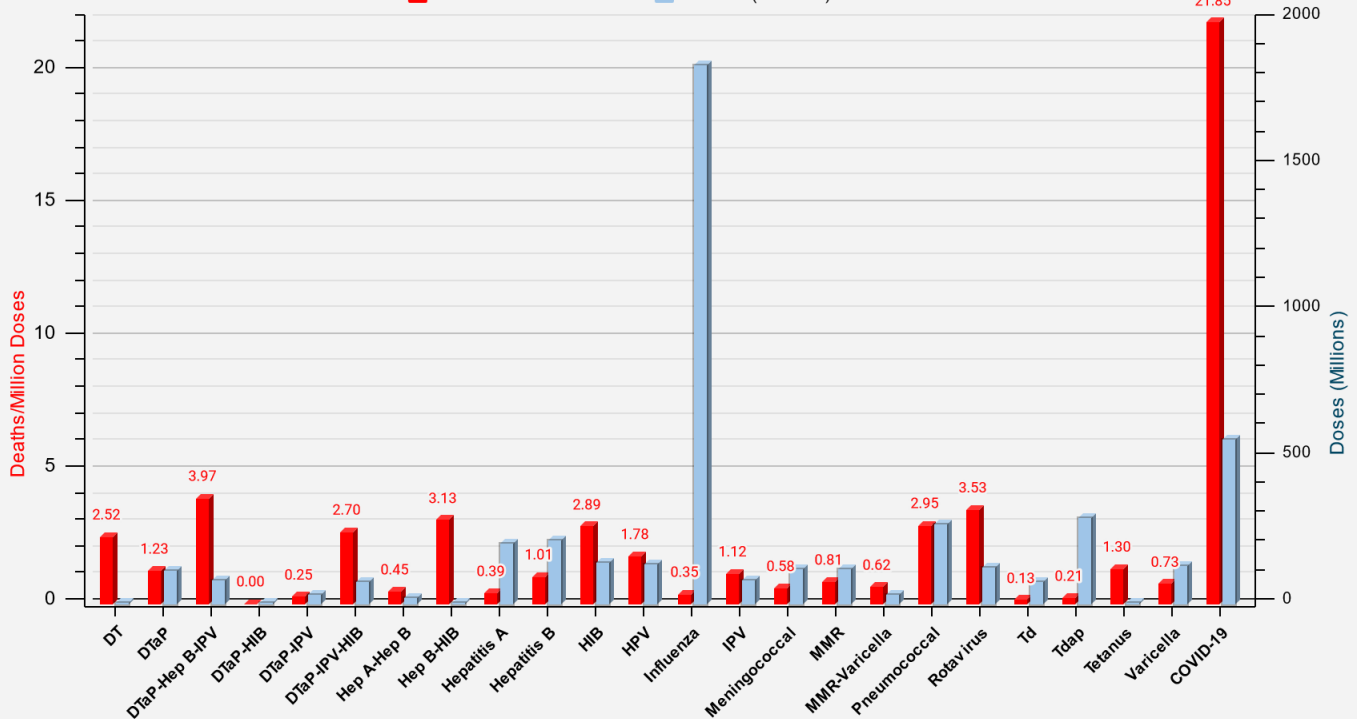
Data Obtained from CDC's VAERS



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

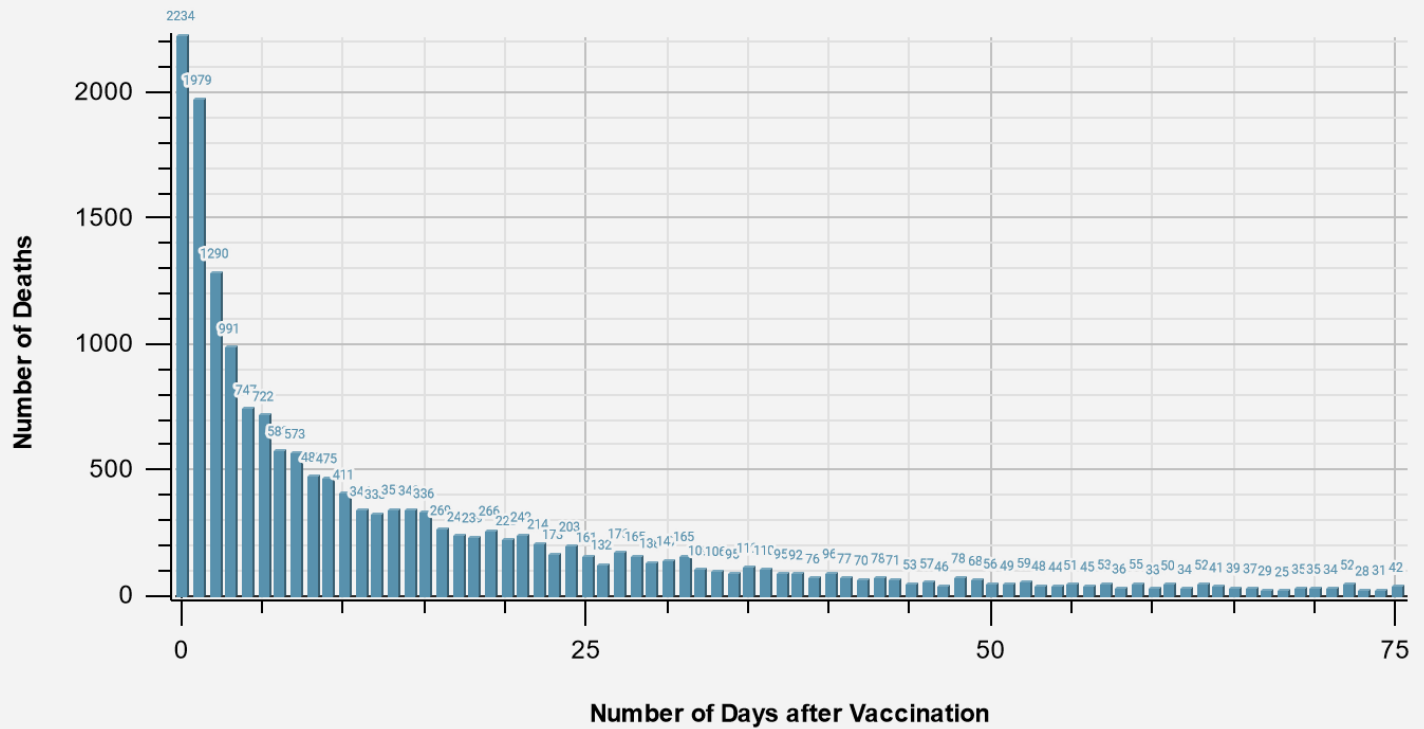
Data Obtained from CDC's VAERS and NVICP data & statistics report

■ Deaths/Million Doses ■ Doses (Millions)



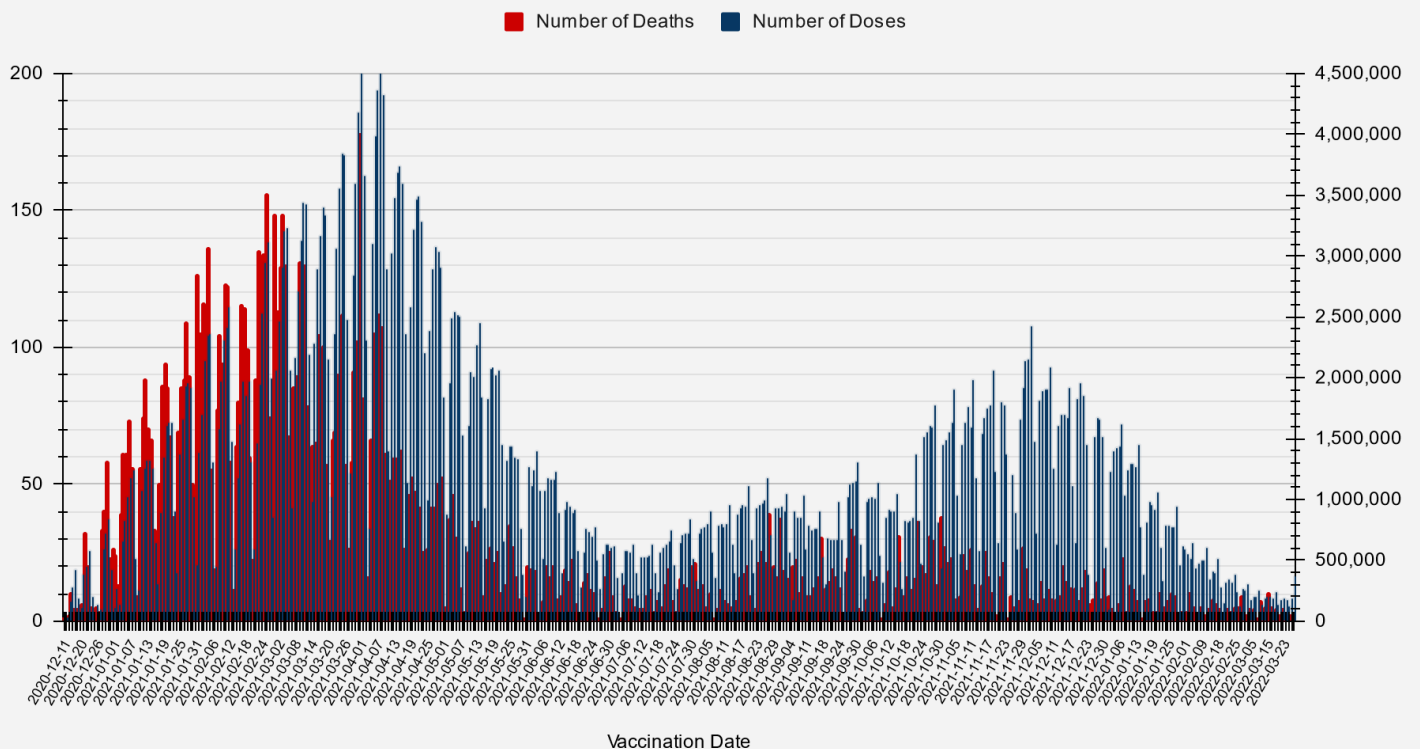
# Number of Deaths by Days After COVID19 Vaccination

Data obtained from CDC's VAERS



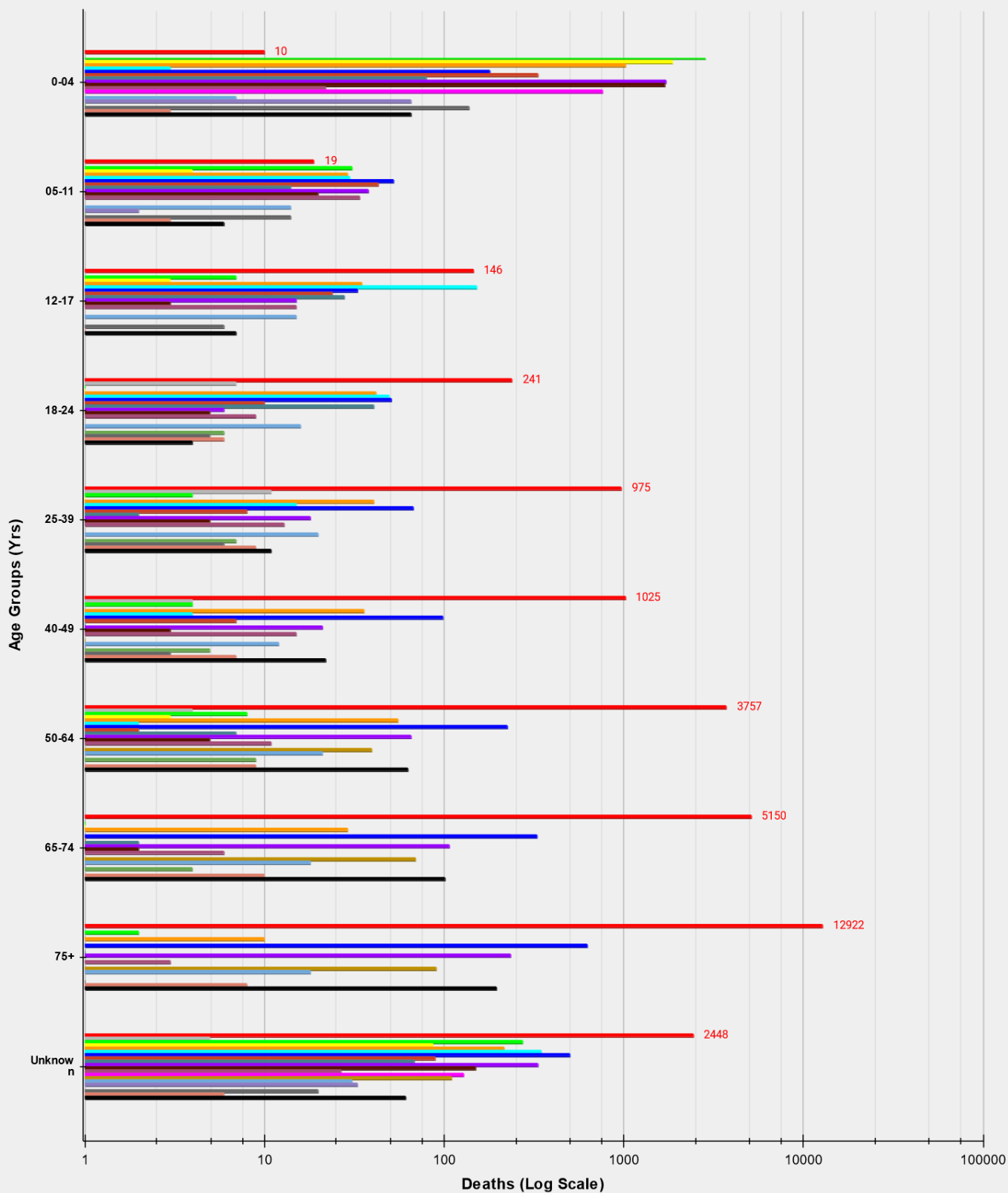
# Reported Deaths Daily vs. Doses Administered for COVID19 Vaccines (US Data Only)

Data Obtained from CDC's VAERS & CDC



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

Data Obtained from CDC's VAERS

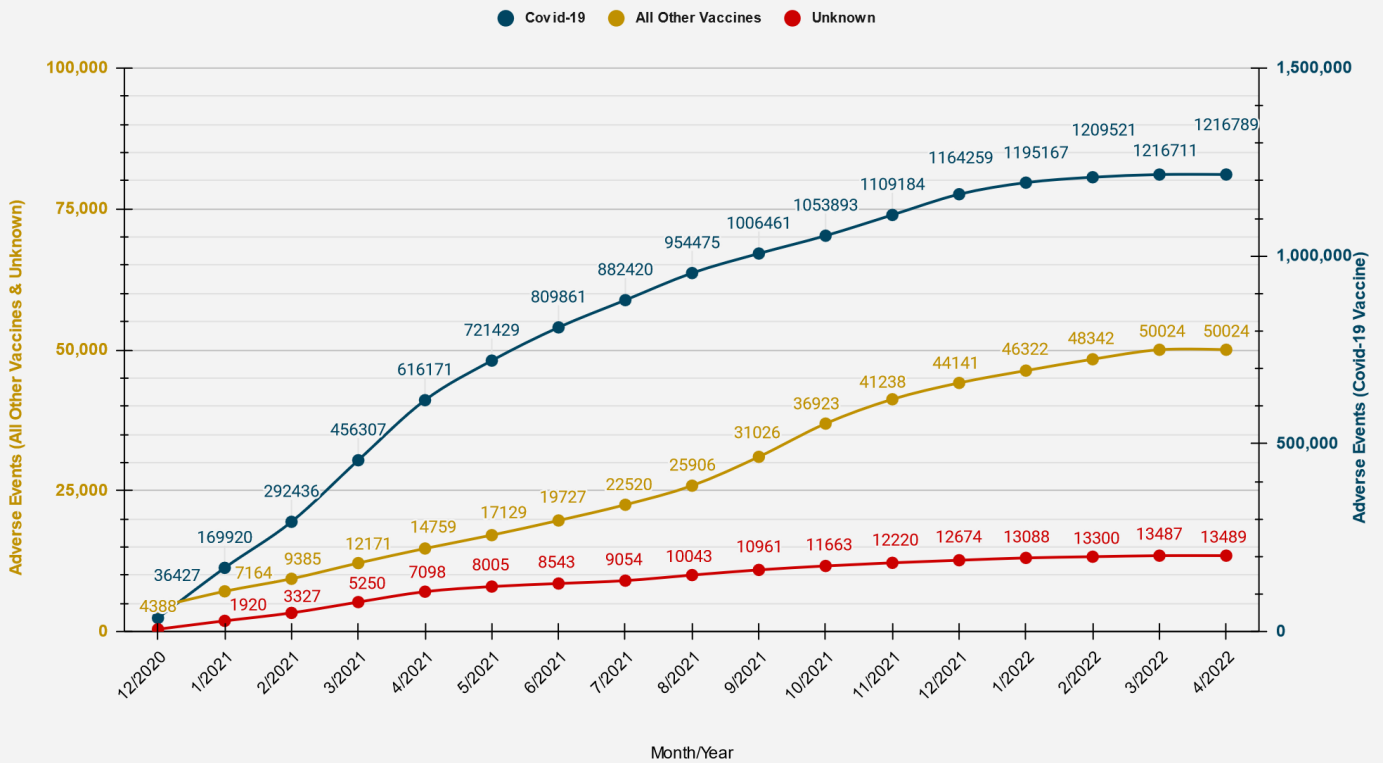


[Vaccines not included above (due to n < 20 overall deaths): Adenovirus, Cholera, Dengue Fever, Encephalitis, Ebola, Lyme, Mumps, Pertussis, Plague, Rubella, Smallpox]

# Adverse Events

## Cumulative Reported AEs After Vaccination - 1 Year Summary

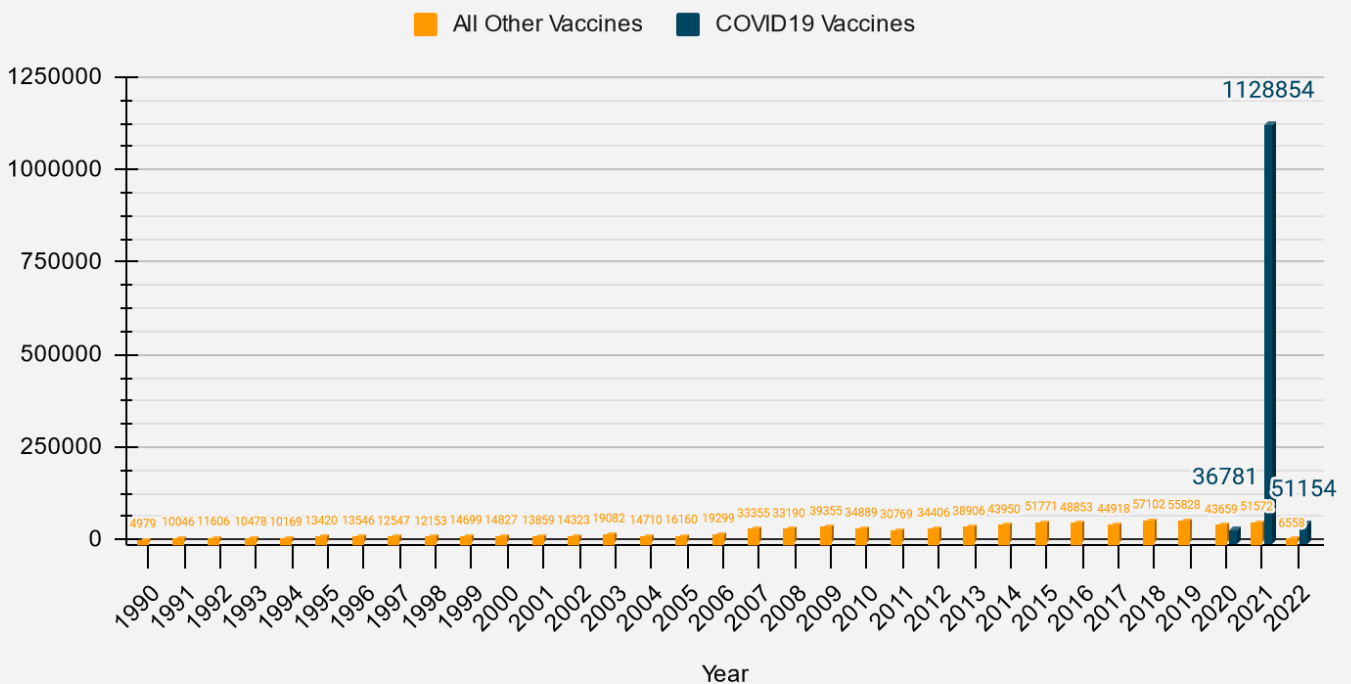
Data obtained from CDC's VAERS



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

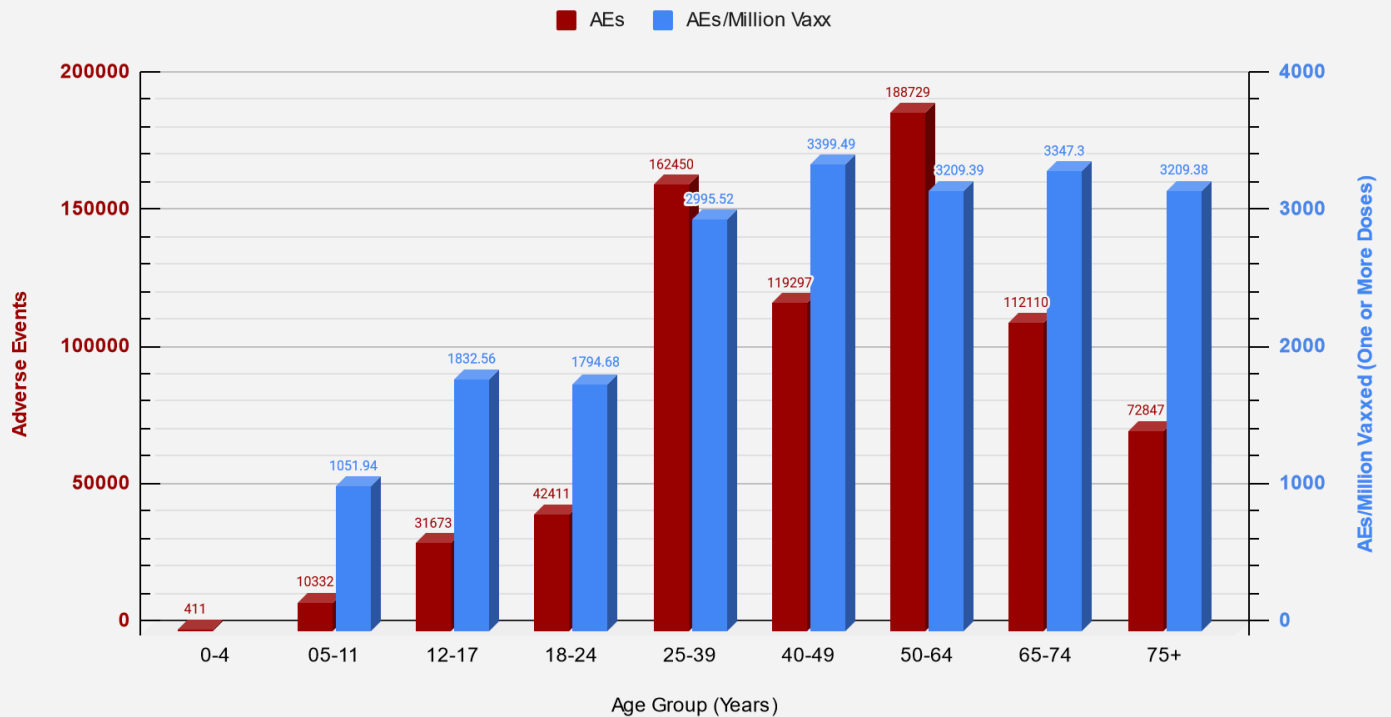
## Reported Adverse Events by Year, COVID19 vs. All Other Vaccines

Data obtained from CDC's VAERS



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

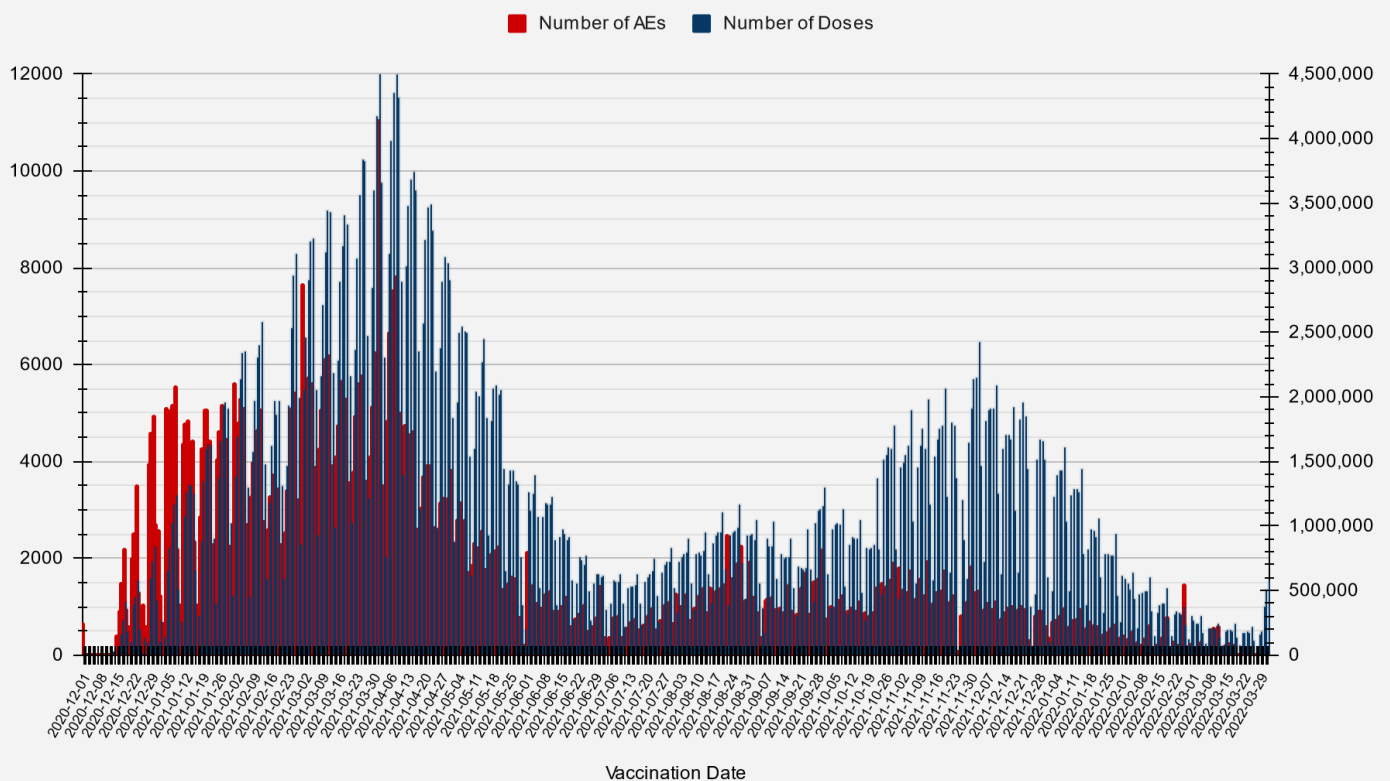
Data obtained from CDC's VAERS



[AEs/Million Vaxxed not available for 0-4 yo group as the vaccination data is not available from the CDC for that age range]

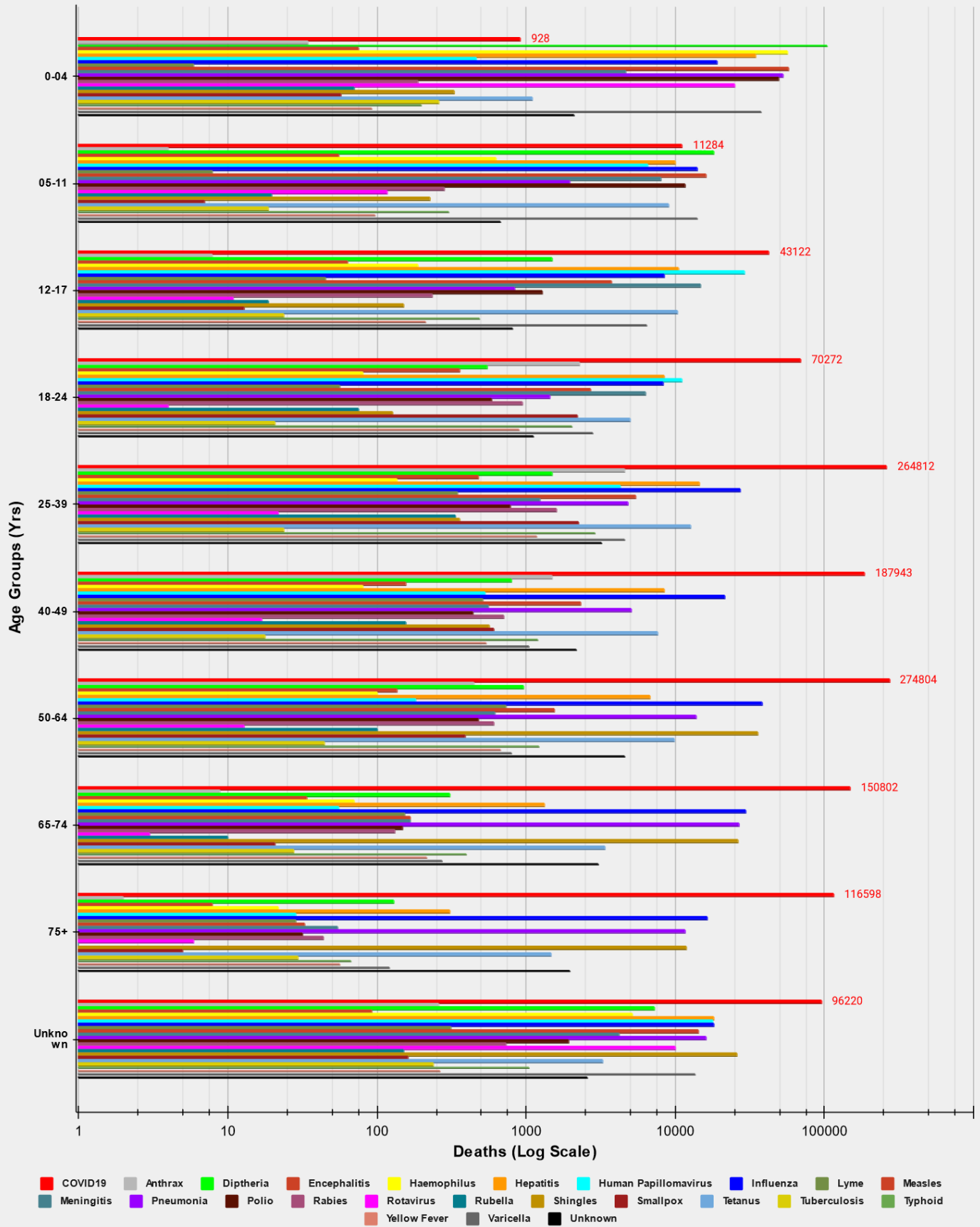
# Reported Adverse Events Daily, COVID19 Vaccines vs. Doses Administered (US Data Only)

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\*\*\***

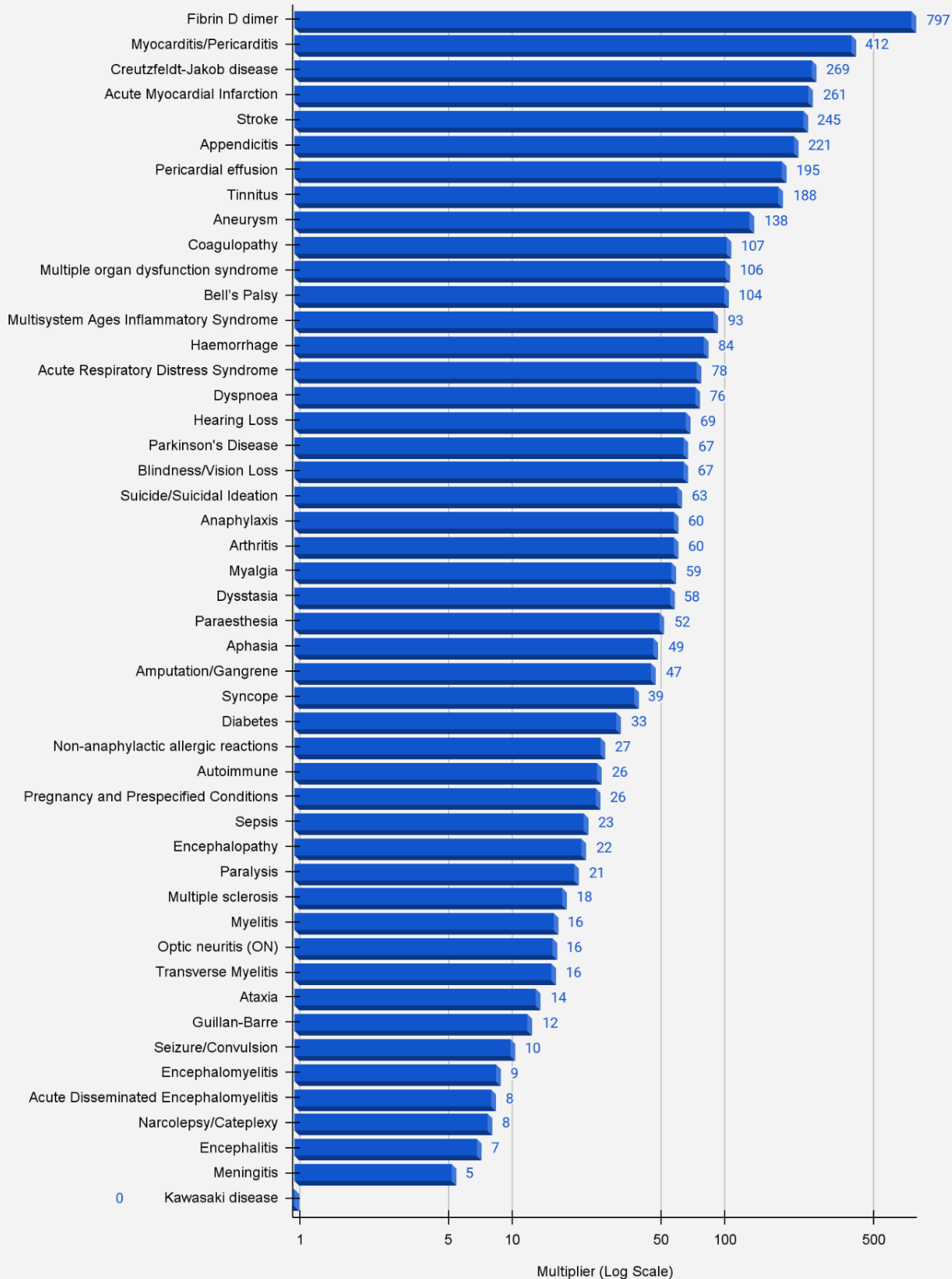
- Guillain-Barré syndrome
- Acute disseminated encephalomyelitis
- Transverse myelitis
- Encephalitis/myelitis/encephalomyelitis/meningoencephalitis/meningitis/encephalopathy
- Convulsions/seizures
- Stroke
- Narcolepsy and cataplexy
- Anaphylaxis
- Acute myocardial infarction
- Myocarditis/pericarditis
- 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	2526	51	4449	140
Acute Disseminated Encephalomyelitis	180	6	445	30
Transverse Myelitis	566	4	840	15
Encephalitis	2249	277	4847	448
Convulsions/Seizures	15170	471	29845	506
Stroke	14754	1337	1596	109
Narcolepsy, Cataplexy	295	6	382	3
Anaphylaxis	48692	177	41155	134
Acute Myocardial Infarction (Heart Attack)	4753	1366	336	154
Myocarditis/Pericarditis	20953	266	971	88
Autoimmune Disease	1647	27	1092	15
Other Acute Demyelinating Diseases	344	7	850	24
Pregnancy and birth outcomes (Miscarriages)	4225	128	2889	49
Other Allergic Reactions	2257	3	2045	3
Thrombocytopenia	5494	416	3564	126
Disseminated Intravascular Coagulation	234	76	59	25
Venous Thromboembolism	23315	1379	664	107
Arthritis and Arthralgia/Joint Pain	76406	243	28848	71
Kawasaki Disease	85	2	711	9
Systemic Inflammatory Response Syndrome	790	54	360	4

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

(Data from VAERS through 4/1/22)



## 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%	.20
COVID19	173,097,865 <sup>[2]</sup>	5,761	1 in 30,046	0.003328%	33.28
<b>Risk of dying from COVID vaccine is 169 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	9,723	1 in 17,222	0.005807%	58.07
COVID19	173,097,865	563,535	1 in 307	0.325559%	3,255.59
<b>Risk of adverse reaction from COVID vaccine is 56 times greater than Flu Vaccine</b>					

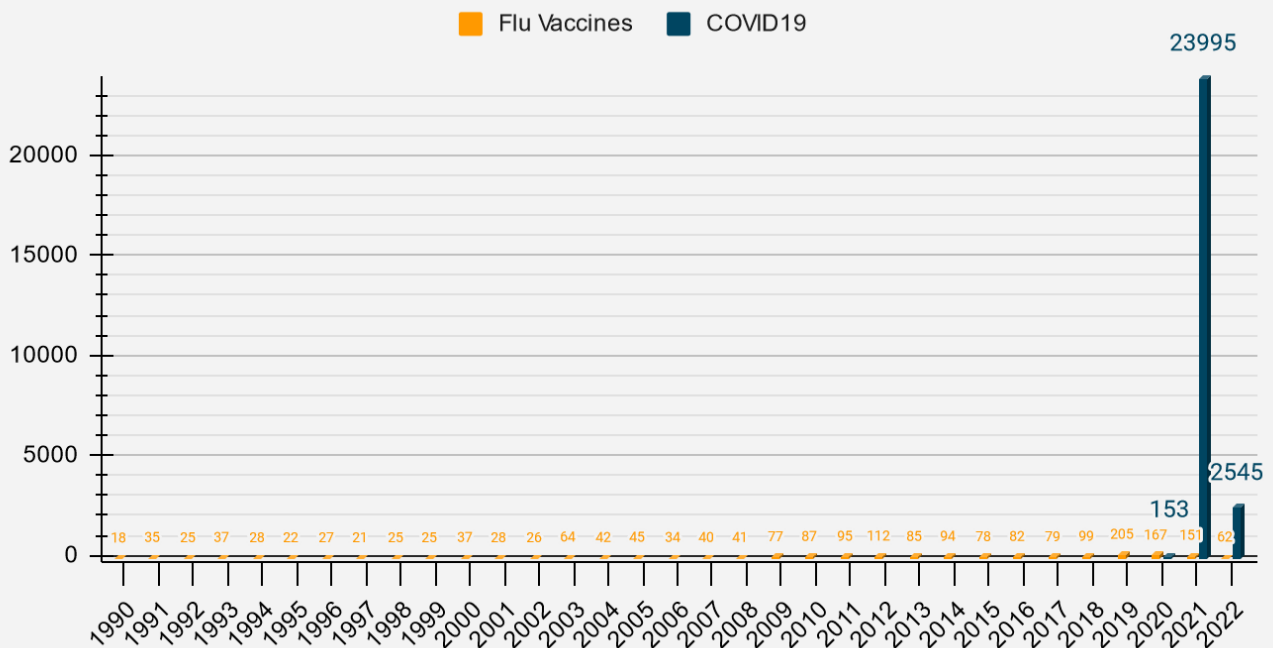
[1] number of flu vaccinations based on estimated flu vaccine coverage data from [CDC](#) and estimated population data from [US Census](#). Yearly flu vaccination data covers a period of time from 7/1 to 5/31 of the following year.

[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)	2331	8.71%	5.83	1535	18,608,511	82.49	400	2/26/21
Moderna	6908	25.82%	14.7	5116	211,826,208	24.15	470	12/18/20
Pfizer/Biontech	17389	65%	36.45	5627	333,028,736	16.9	477	12/11/20
Unknown	123	0.46%		49	535,638			

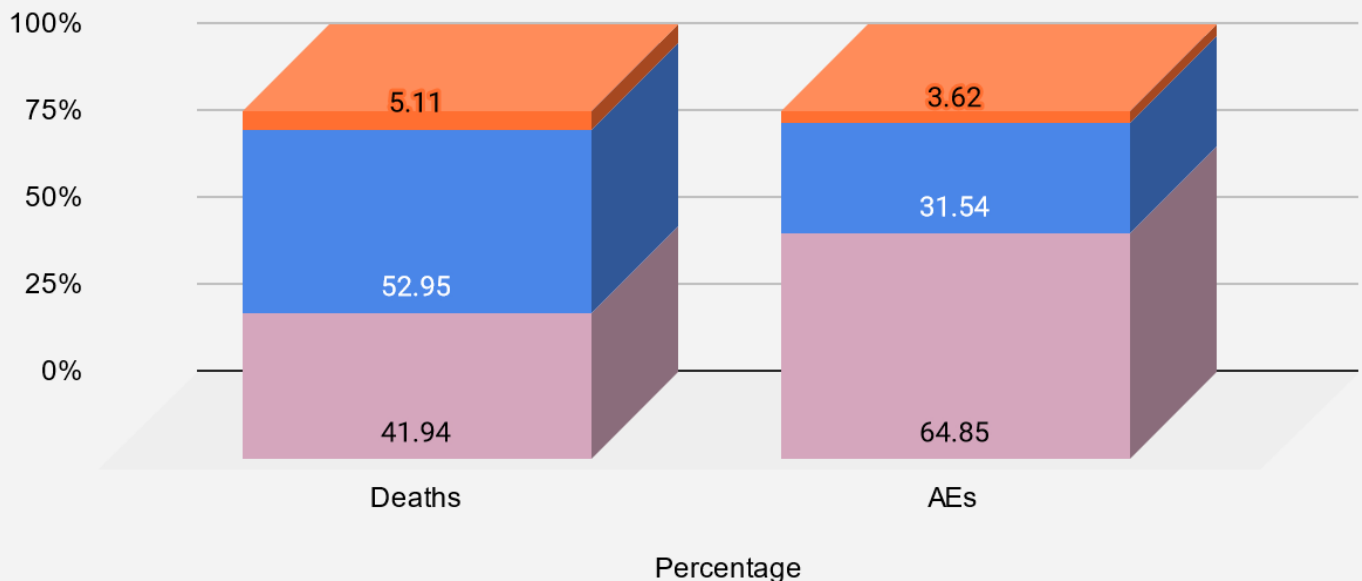
Manufacturer	# of AEs	% AEs	Average AEs/Day	# US AEs	# US Doses Administered	Average US AEs/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	85391	7.0%	213.48	68678	18,608,511	3690.68	400	2/26/21
Moderna	429650	35.21%	914.15	364042	211,826,208	1718.59	470	12/18/20
Pfizer/Biontech	701368	57.48%	1470.37	370210	333,028,736	1111.65	477	12/11/20
Unknown	3684	0.3%		1979	535,638			

## Vaccine Data by Gender

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

All Data Obtained from CDC's VAERS

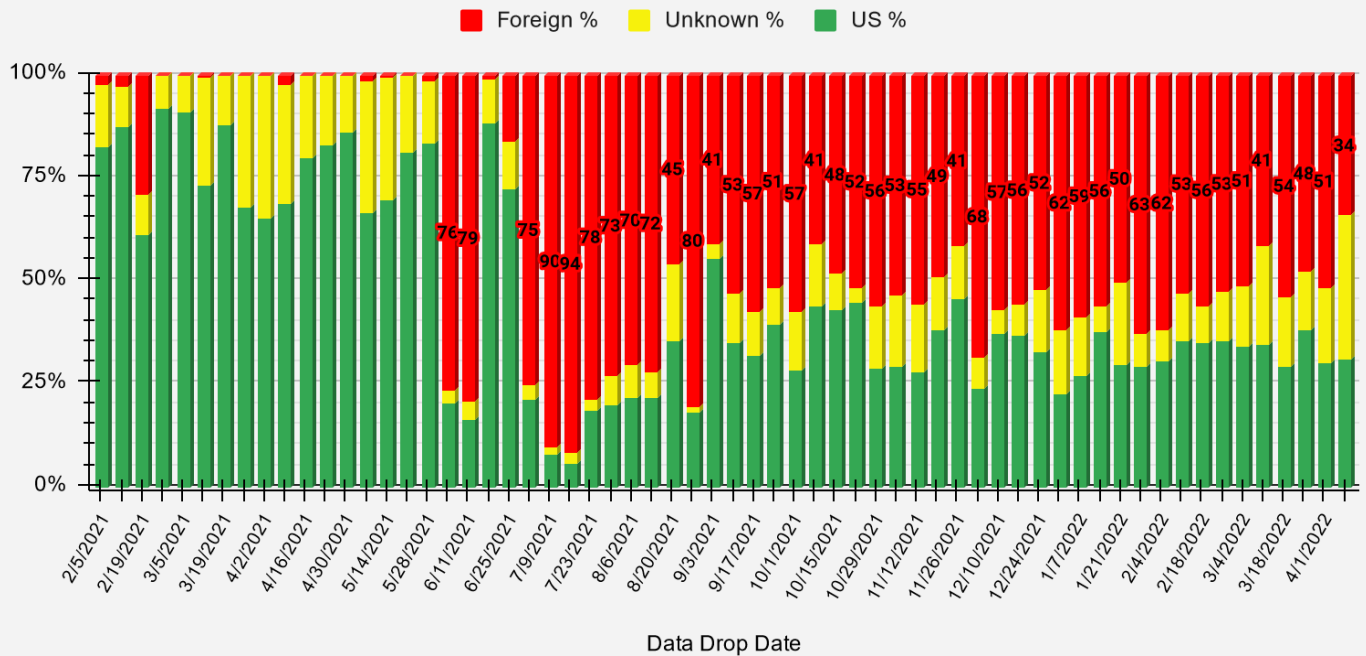
Unknown Male Female



## Vaccine Data by Location

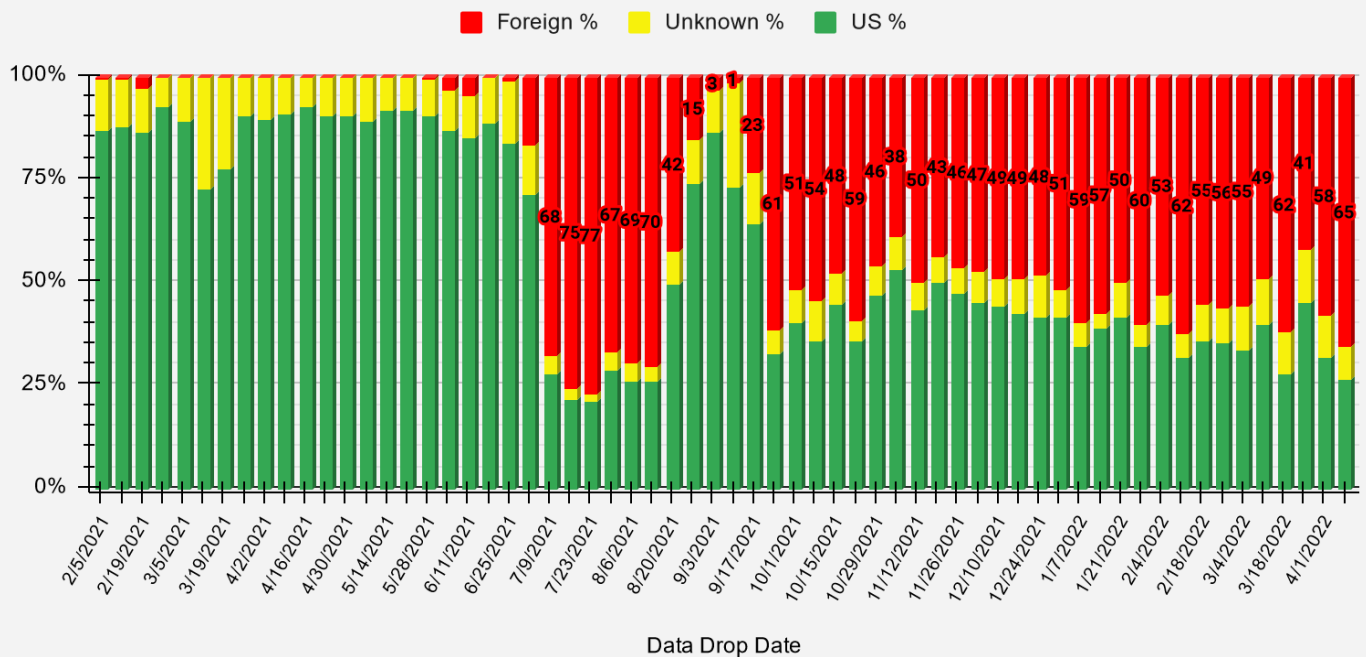
### Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS



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

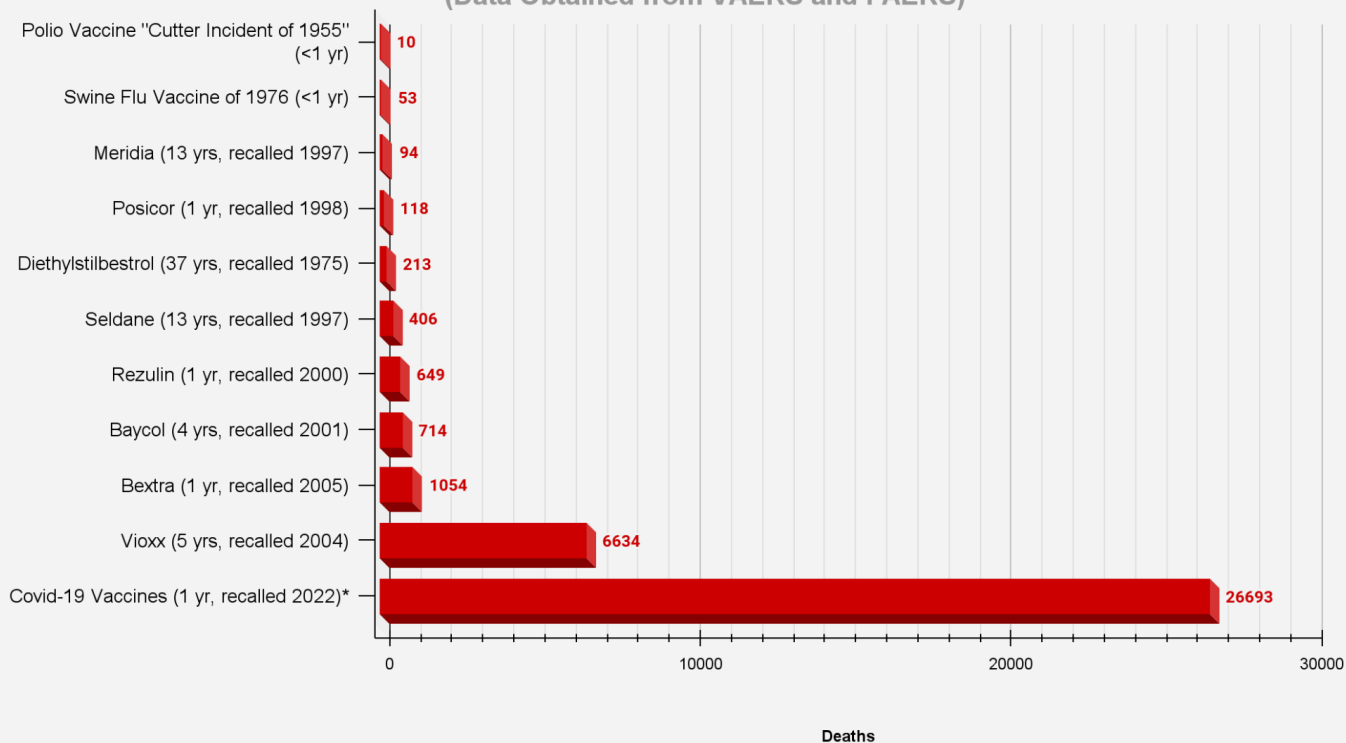
All Data Obtained from CDC's VAERS



## Recall History

### Reported Deaths for Major Drug/Vaccine Recalls

(Data Obtained from VAERS and FAERS)



\*Projected

## 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/fluvaxview/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>