

# VAERS Summary for COVID-19 Vaccines through 01/14/2022

All charts and tables below reflect the data release on 1/21/2022 from the VAERS website, which includes U.S. and foreign data, and is updated through: **1/14/2021**.

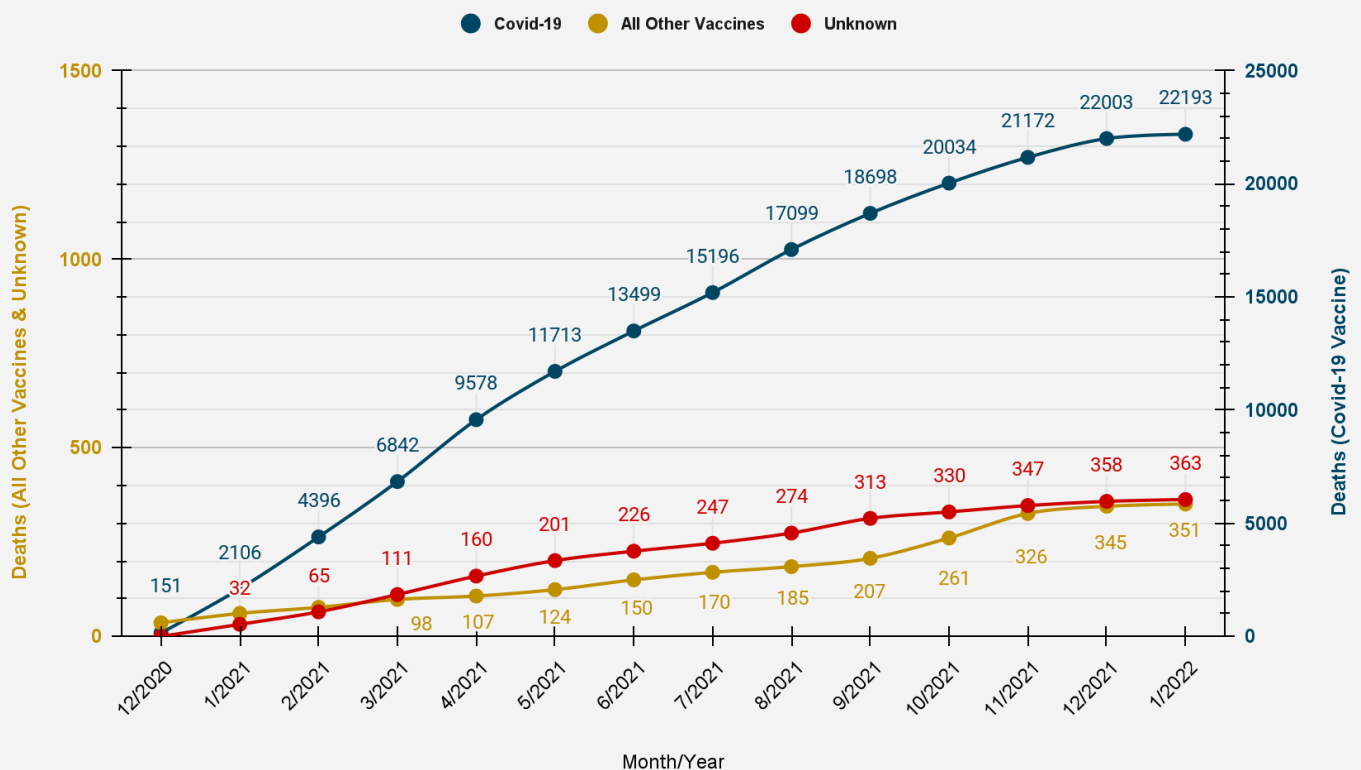
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	1,053,830	868,339	732,883	755,841
Number of Life-Threatening Events	25,265	14,333	11,397	9,911
Number of Hospitalizations	118,684	82,900	49,167	38,827
Number of Deaths	22,193*	9,478*	10,162	5,254
# of Permanent Disabilities after vaccination	39,150	20,742	11,861	12,829
Number of Office Visits	164,278	49,430	143,588	47,303
# of Emergency Room/Department Visits	113,729	212,476	91,089	202,974
# of Birth Defects after vaccination	835	191	451	104

\*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

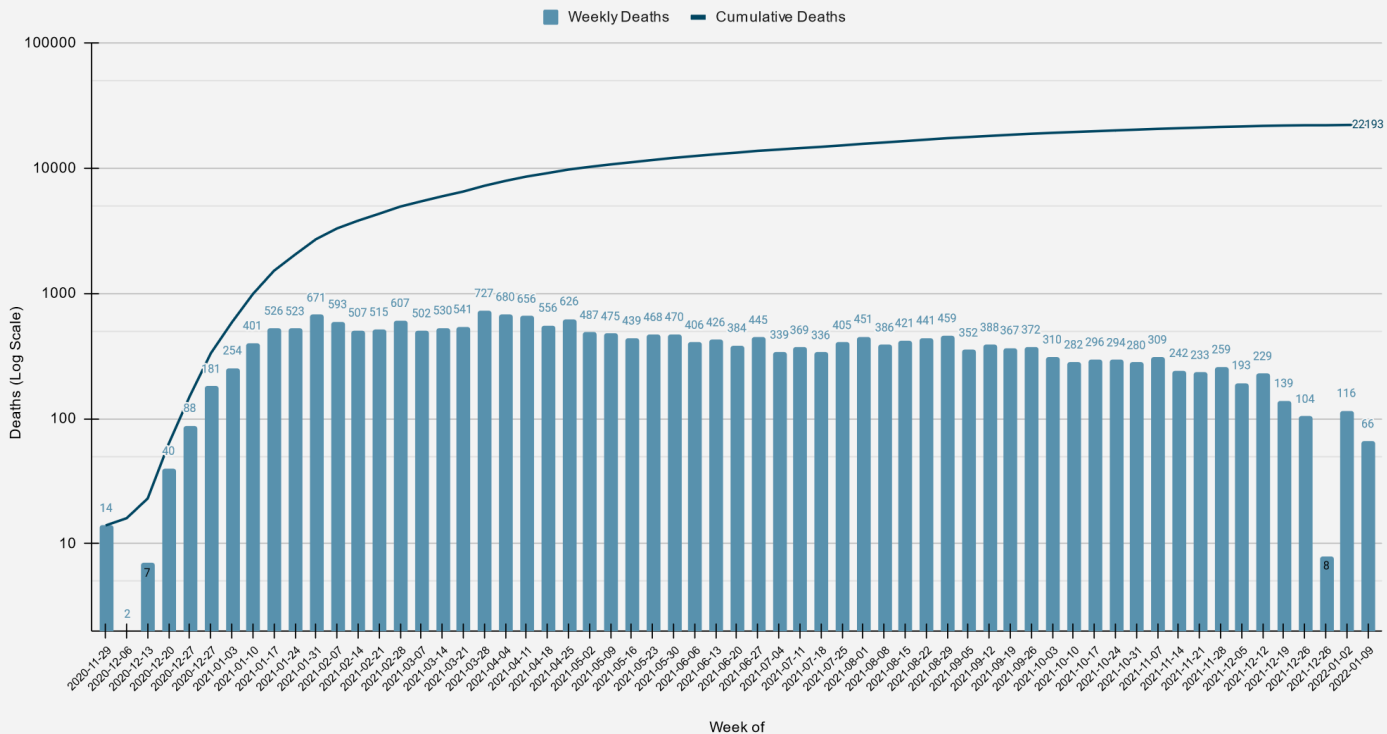
Data obtained from CDC's VAERS



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

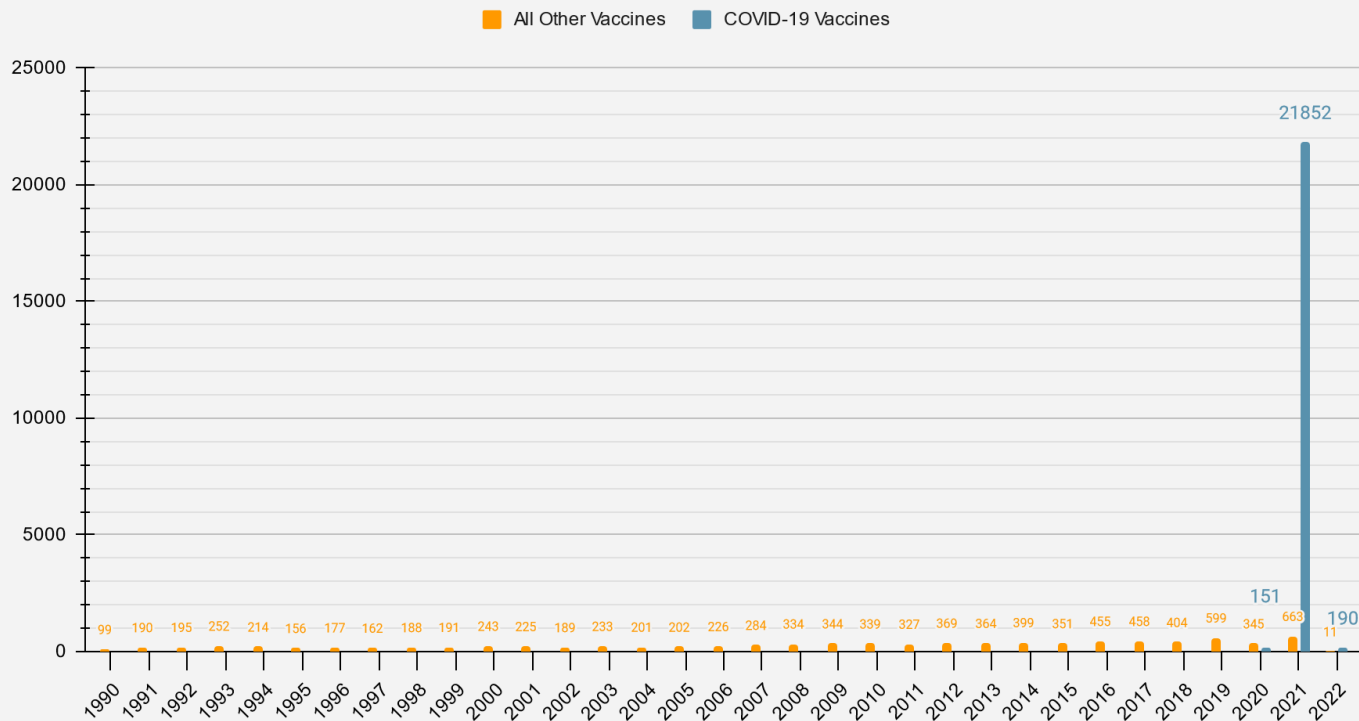
# Reported Deaths by Week, COVID19 Vaccines

Data Obtained from CDC's VAERS



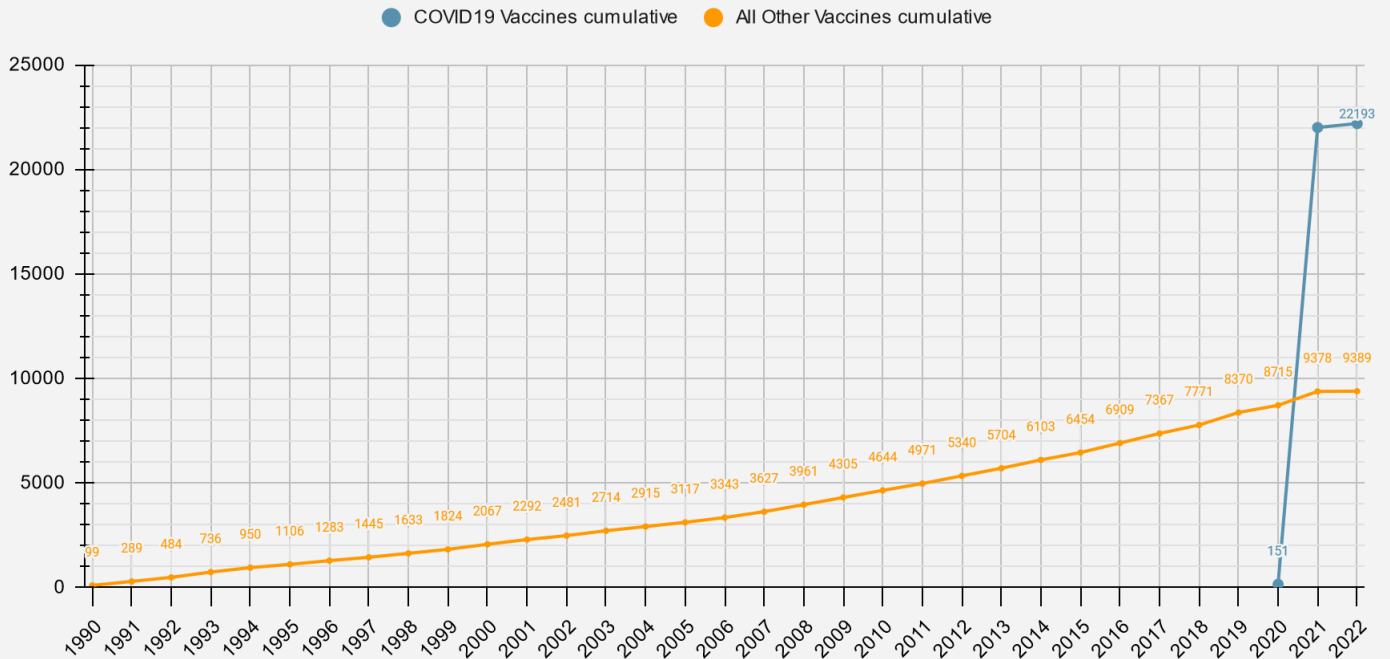
# Reported Deaths by Year, COVID19 vs. All Other Vaccines

Data Obtained from CDC's VAERS



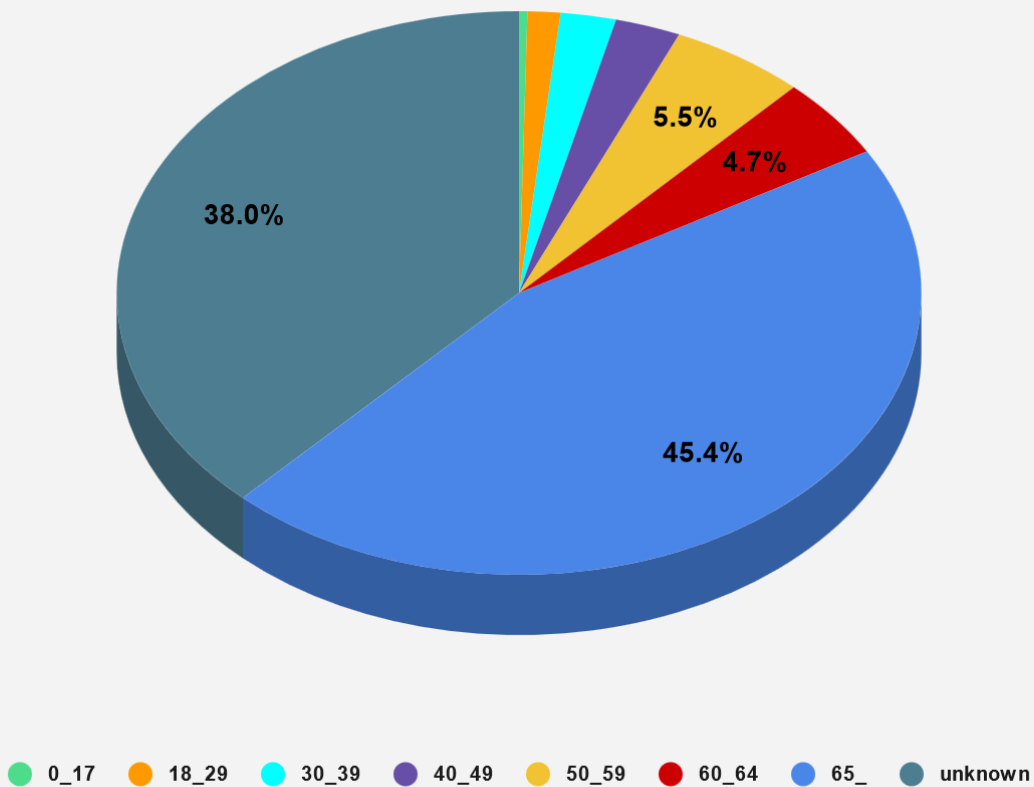
# Reported Deaths by Year, COVID19 vs. All Other Vaccines, Cumulatively

Data Obtained from CDC's VAERS



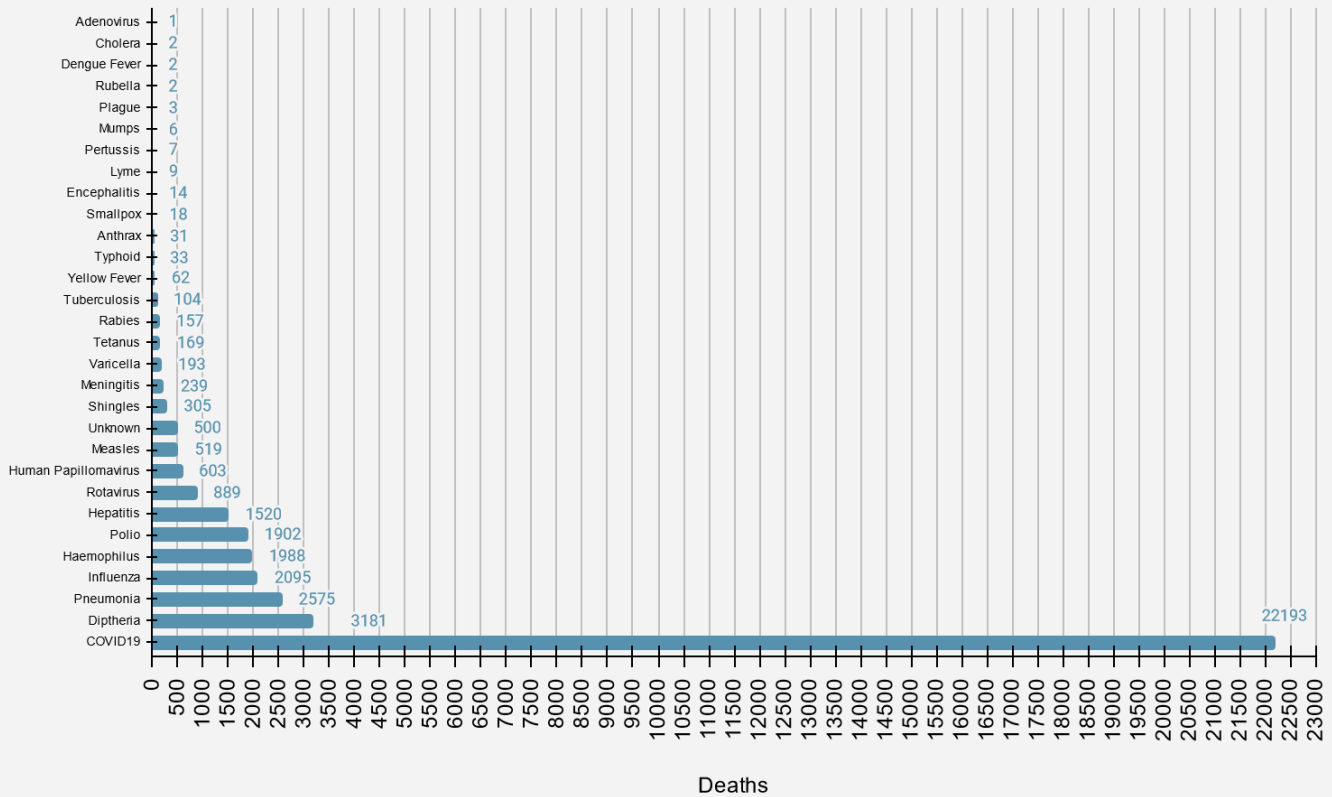
# Age Distribution of Reported Deaths After COVID19 Vaccination

Data obtained from CDC's VAERS



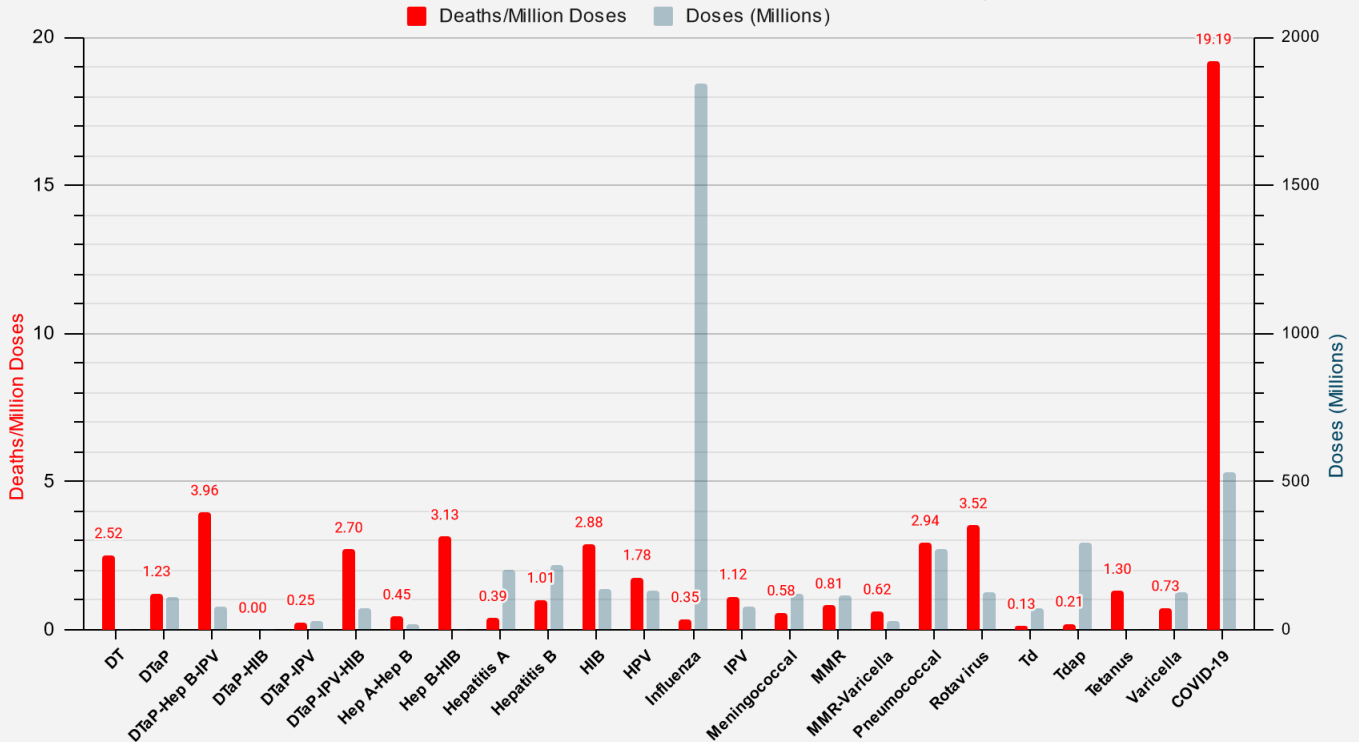
## Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



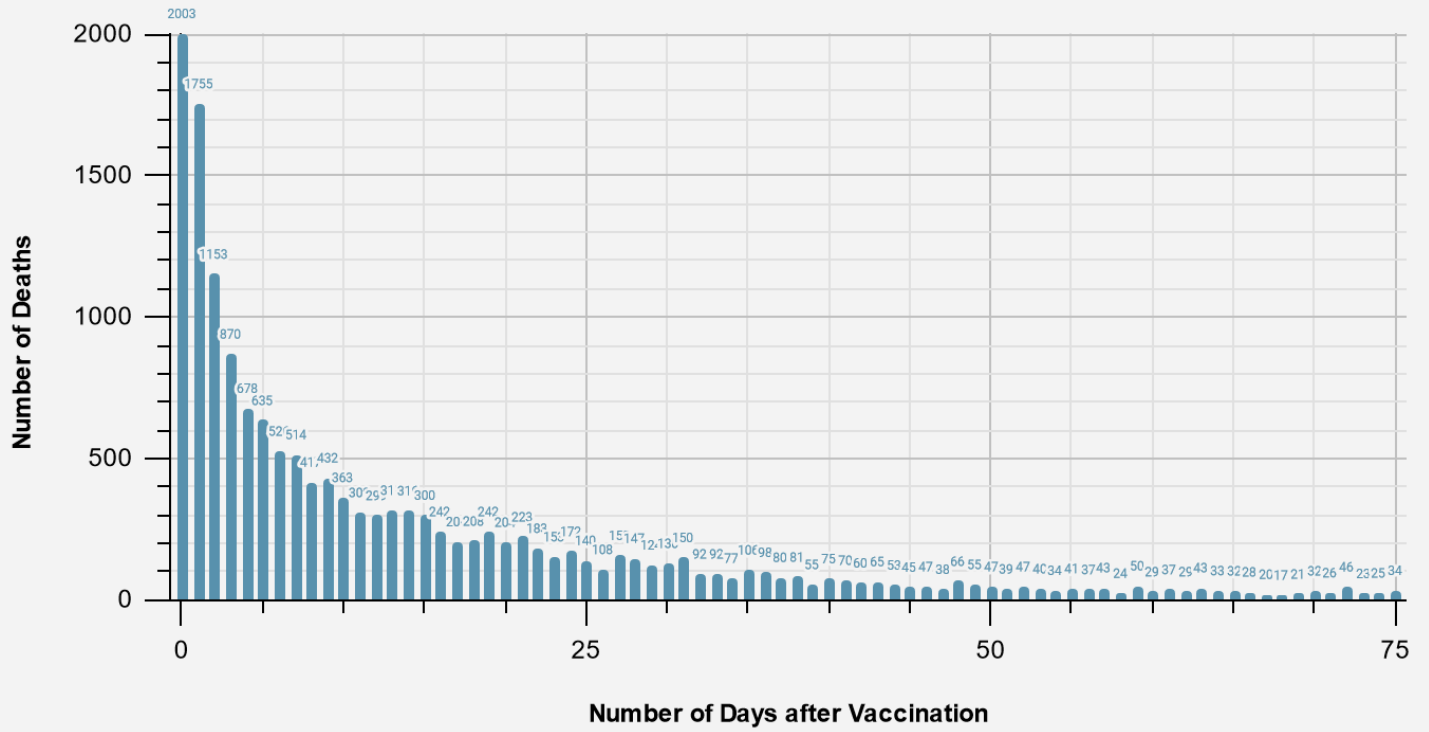
## Deaths Per Million Doses (US Only) Traditional Vaccines (2006 - 2019), Covid-19 Vaccines (2020-Present)

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



# Number of Deaths by Days After COVID19 Vaccination

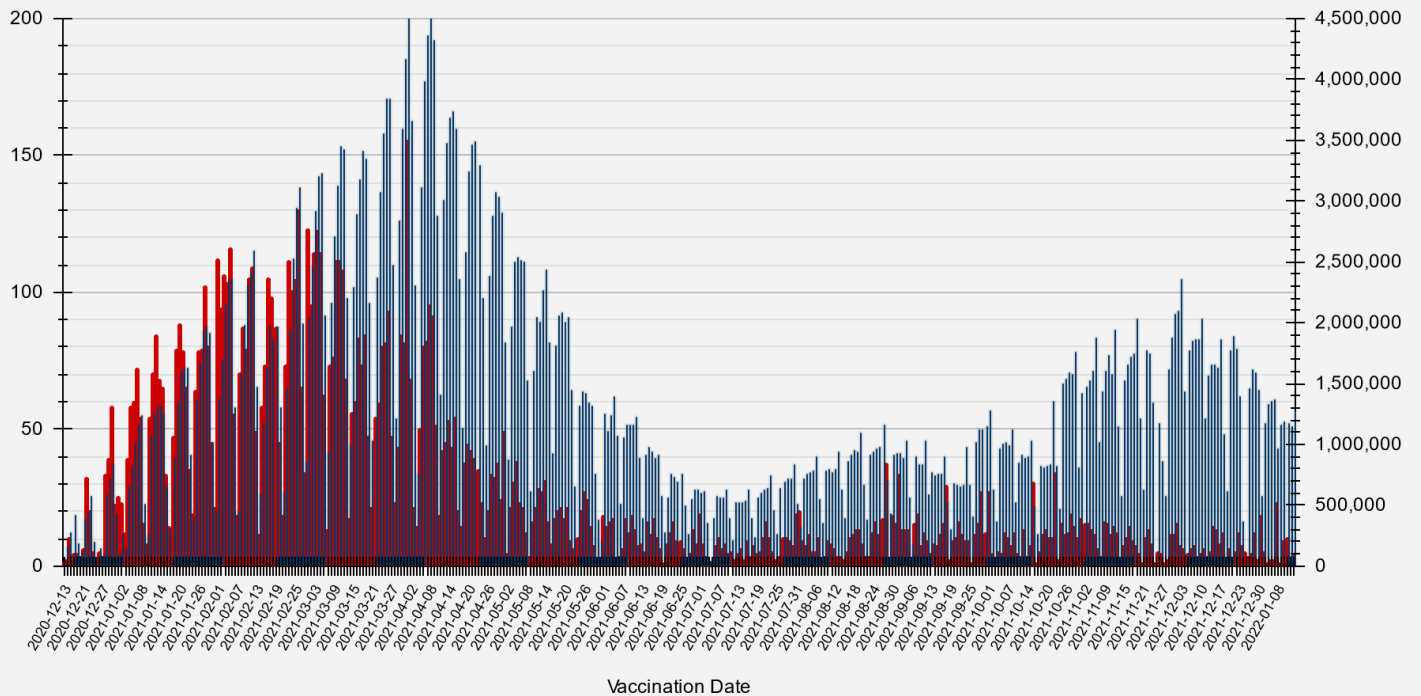
Data obtained from CDC's VAERS



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

Data Obtained from CDC's VAERS & CDC

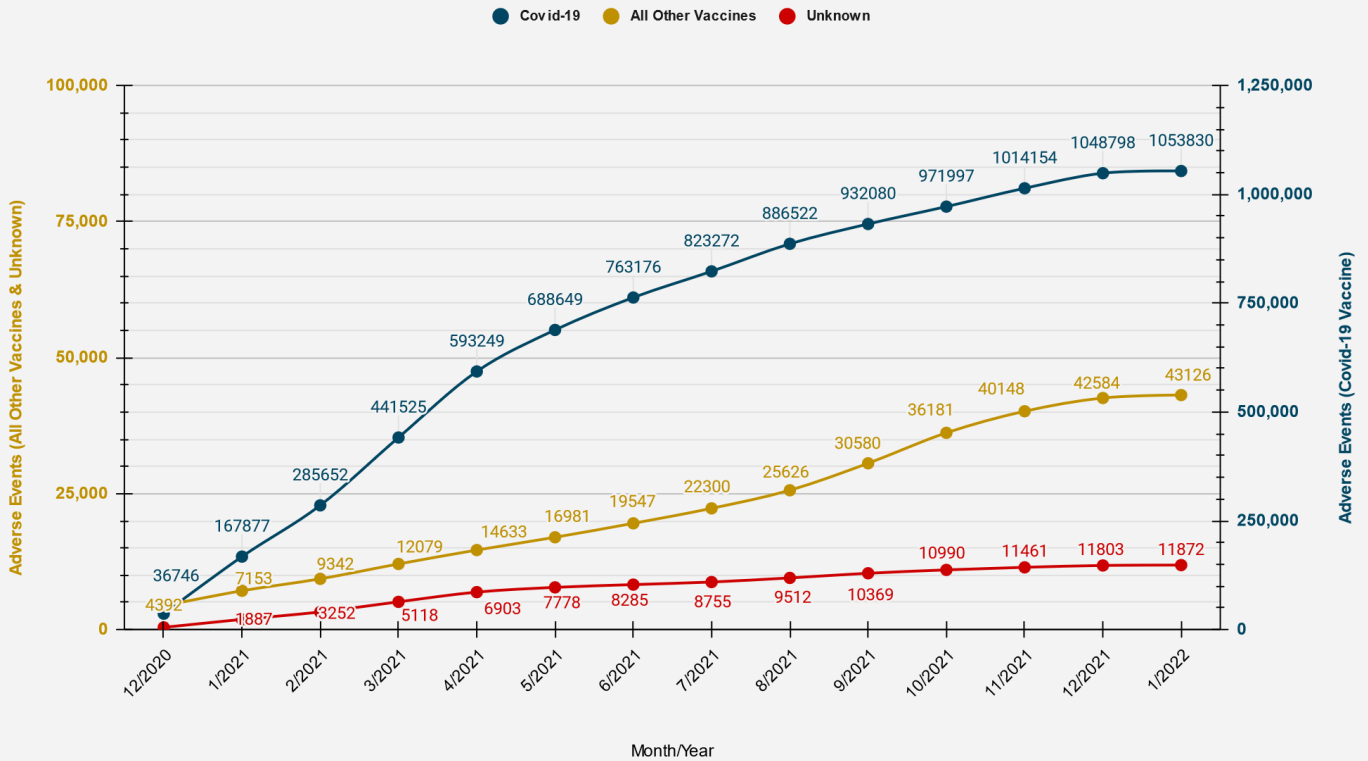
■ Number of Deaths ■ Number of Doses



# Adverse Events

## Cumulative Reported AEs After Vaccination - 1 Year Summary

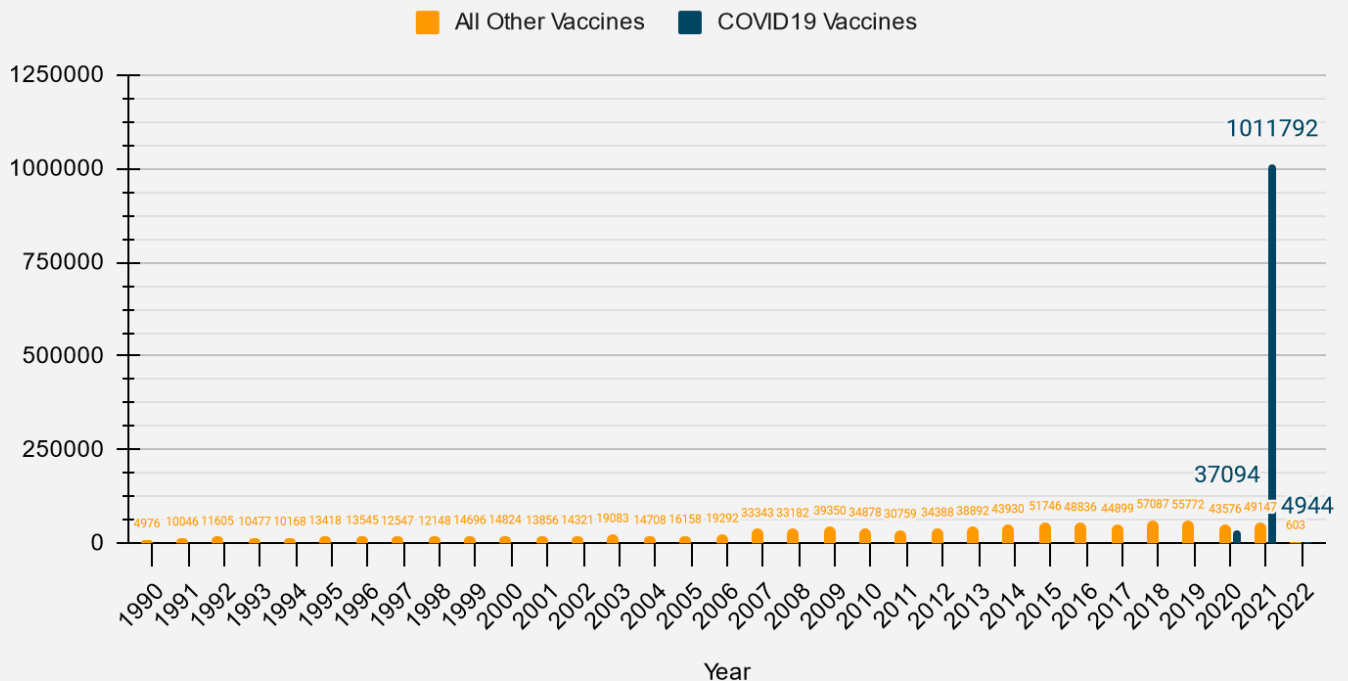
Data obtained from CDC's VAERS



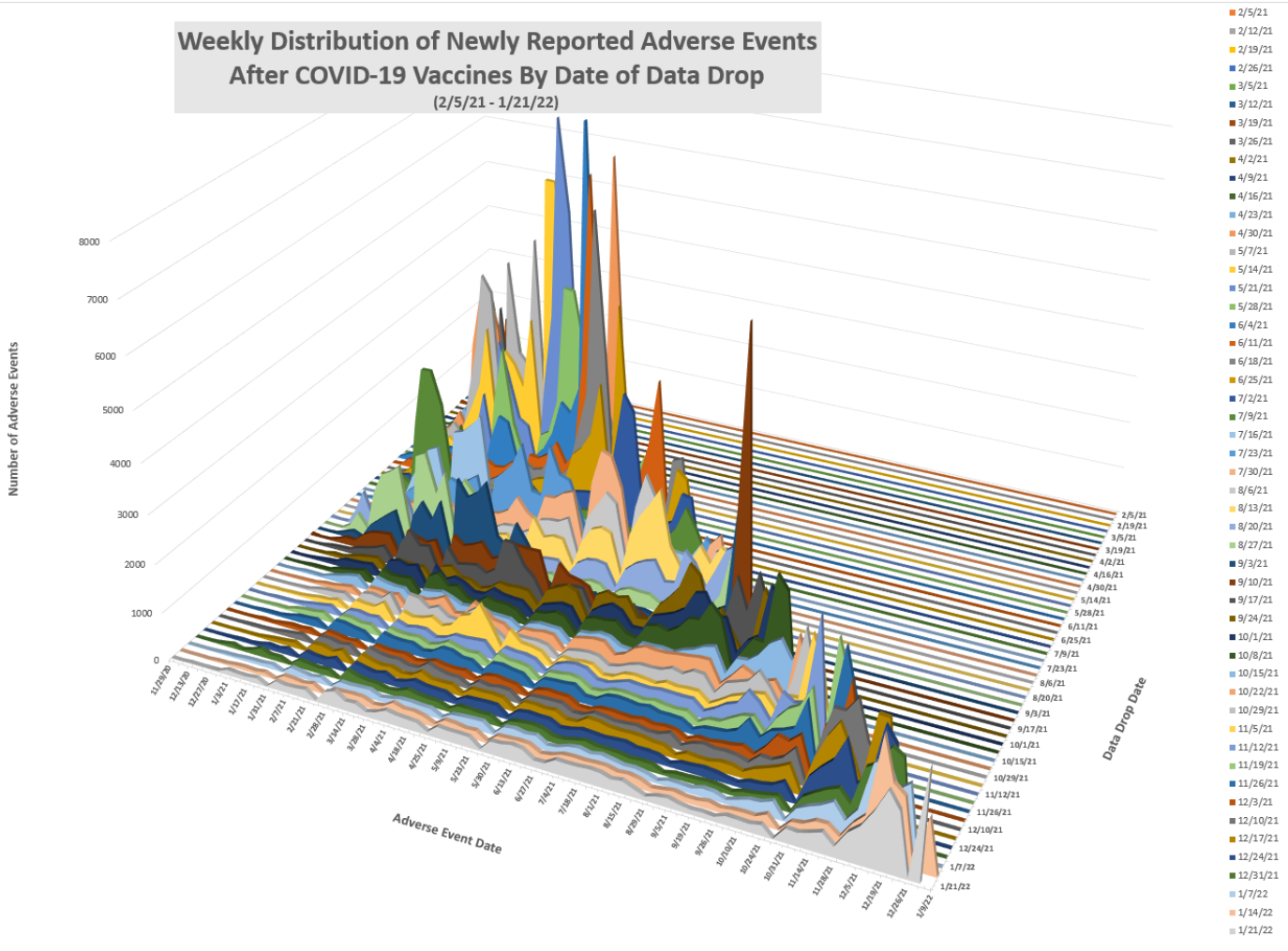
[Unknowns separated from All Other Vaccines for greater clarity; in many cases the Unknowns are actually Covid-19]

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

Data obtained from CDC's VAERS



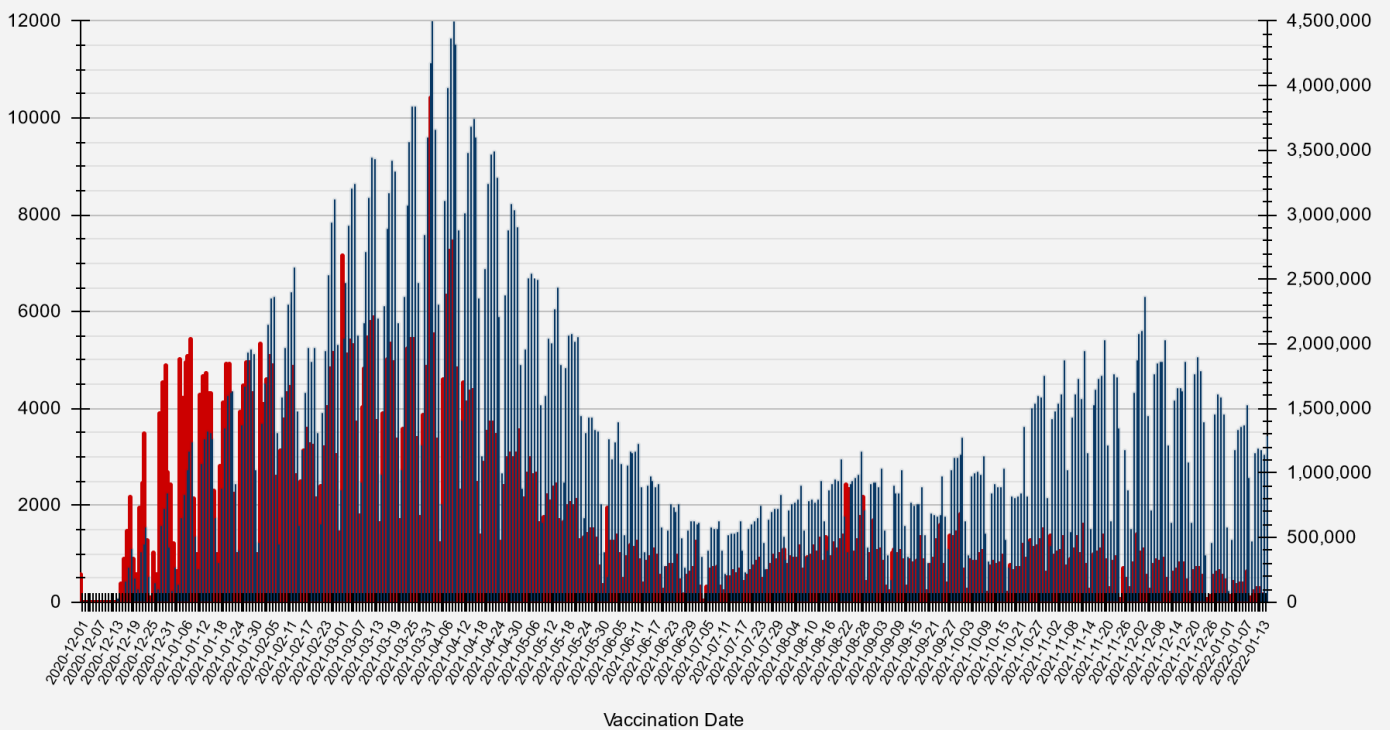
### Weekly Distribution of Newly Reported Adverse Events After COVID-19 Vaccines By Date of Data Drop (2/5/21 - 1/21/22)



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

Data Obtained from CDC's VAERS

■ Number of AEs ■ Number of Doses



# 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/ encepholopathy
  - 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

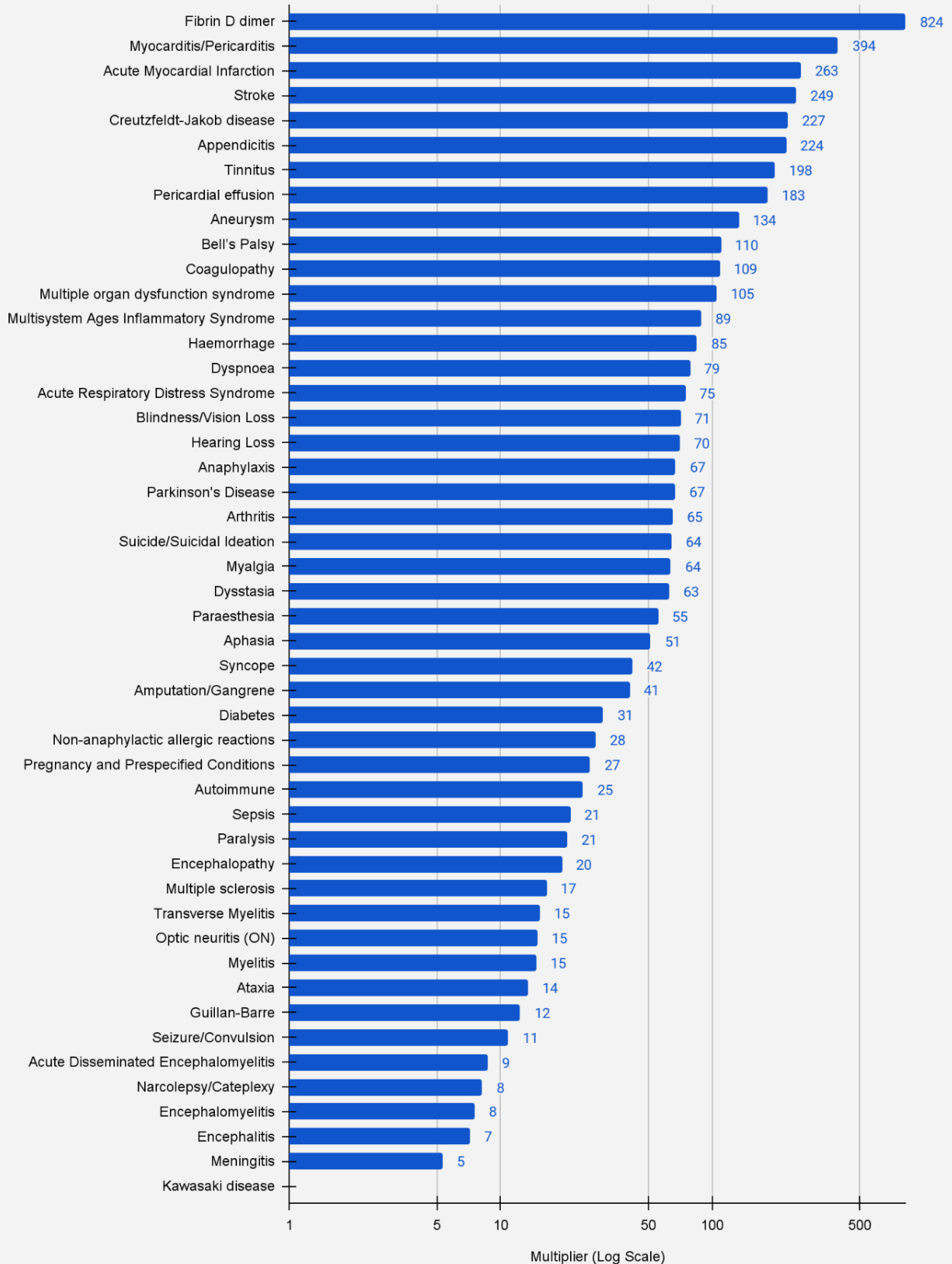
The following table lists the number of adverse events found in the VAERS data which match the outcomes listed above:

FDA listed symptom	Total (Non-Lethal) Adverse Events	Total Deaths
Guillain-Barre	2114	36
Acute Disseminated Encephalomyelitis	155	5
Transverse Myelitis	379	3
Encephalitis	1775	182
Convulsions/Seizures	13303	394
Stroke	12628	1157
Narcolepsy, Cataplexy	254	5
Anaphylaxis	44302	165
Acute Myocardial Infarction (Heart Attack)	3801	1134
Myocarditis/Pericarditis	16301	188
Autoimmune Disease	1261	24
Other Acute Demyelinating Diseases	290	4
Pregnancy and birth outcomes (Miscarriages)	3486	108
Other Allergic Reactions	1973	3
Thrombocytopenia	4580	337
Disseminated Intravascular Coagulation	195	61
Venous Thromboembolism	19665	1124
Arthritis and Arthralgia/Joint Pain	68496	201
Kawasaki Disease	67	1
Systemic Inflammatory Response Syndrome	646	47



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

(Data from VAERS through 12/31/21)



## 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 [Our World in Data](#) for the COVID19 vaccinations.

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

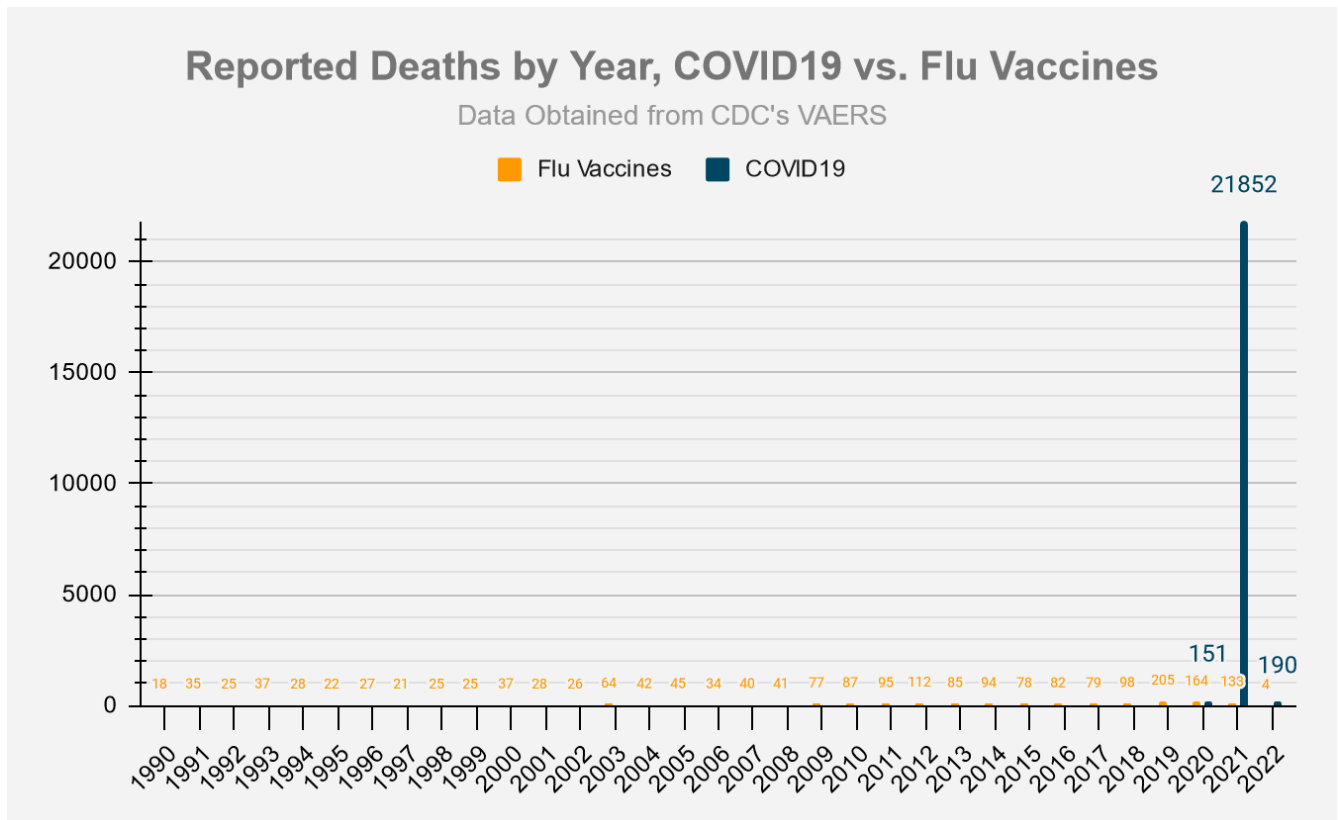
Vaccine Type	# of Vaccinations <sup>[3]</sup>	# of Deaths	Risk of Death	Percentage	Deaths/Mill. Vaccinations <sup>[3]</sup>
Flu	167,447,642 <sup>[1]</sup>	33	1 in 5,074,171	0.000020%	.20
COVID19	167,733,972 <sup>[2]</sup>	5,648	1 in 29,698	0.003367%	33.67
<b>Risk of dying from COVID vaccine is 171 times 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	9,716	1 in 17,234	0.005802%	58.02
COVID19	167,733,972	544,211	1 in 308	0.3244%	3,244
<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 [Our World in Data](#)

[3] Persons vaccinated with at least one dose.



## Vaccine Data by Manufacturer

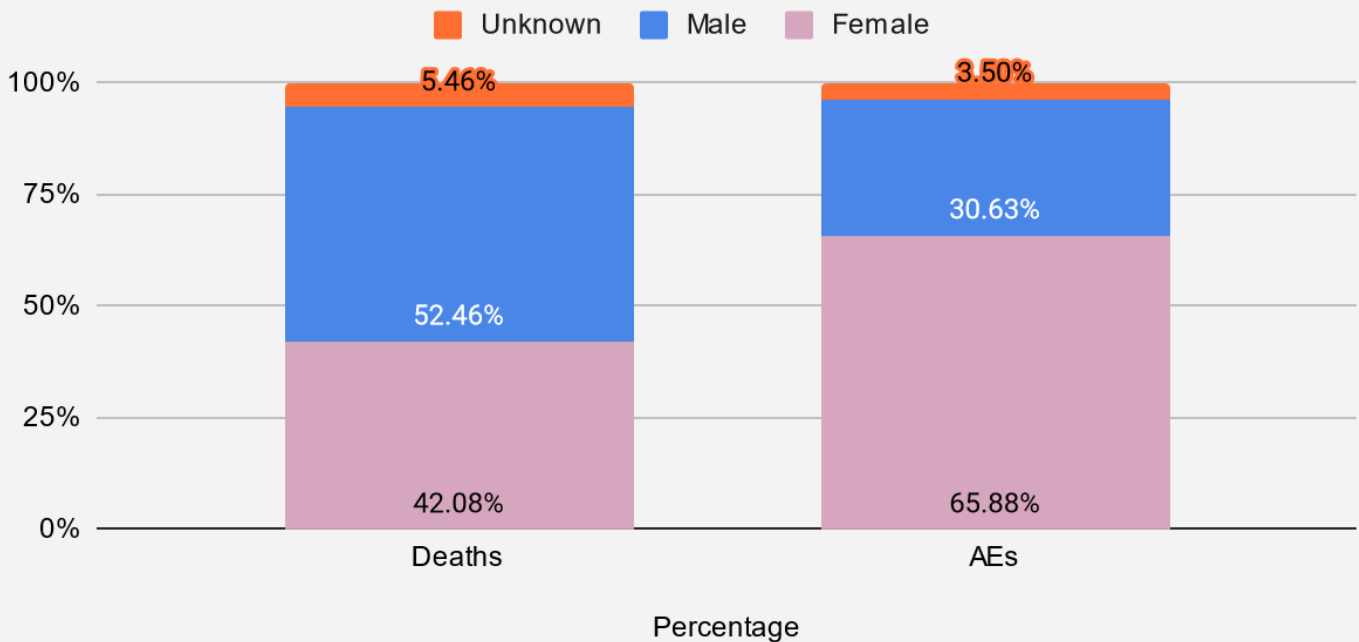
Manufacturer	# of Deaths	% Deaths	Average Deaths/Day	# US Deaths	# US Doses Administered	Average US Deaths/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	1978	8.9%	6.14	1286	18,065,529	71.19	322	2/26/21
Moderna	5438	24.48%	13.87	4207	202,127,731	20.81	392	12/18/20
Pfizer/Biontech	14708	66.2%	36.86	4641	311,207,242	14.91	399	12/11/20
Unknown	93	0.42%		41	464,369			

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)	77028	7.3%	239.22	65125	18,065,529	3604.93	322	2/26/21
Moderna	383140	36.29%	977.4	336228	202,127,731	1663.44	392	12/18/20
Pfizer/Biontech	593066	56.17%	1486.38	331247	311,207,242	1064.39	399	12/11/20
Unknown	2642	0.25%		1644	464,369			

## Vaccine Data by Gender

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

All Data Obtained from CDC's VAERS

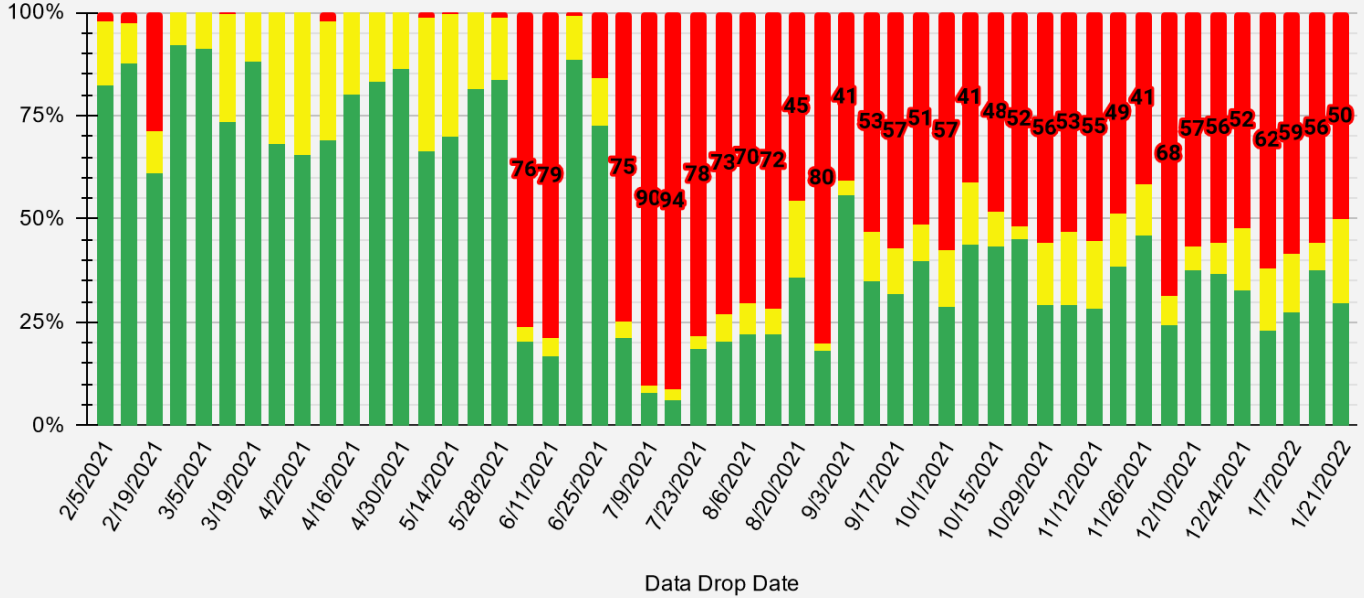


# Vaccine Data by Location

## Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS

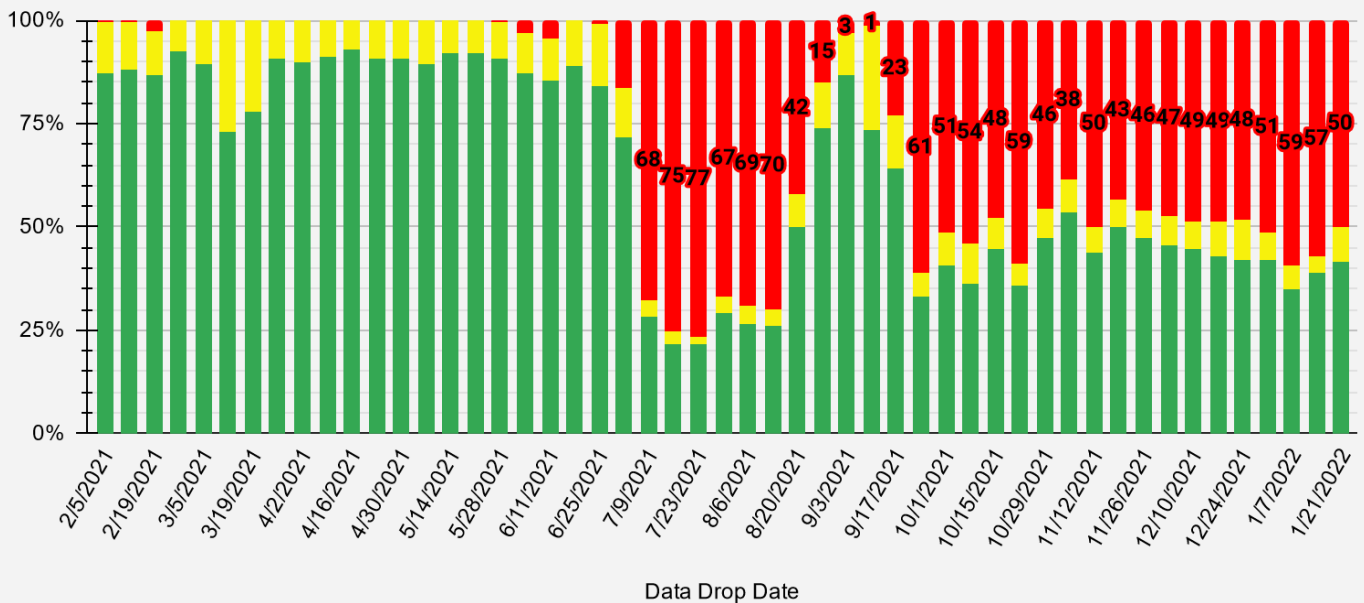
Foreign % Unknown % US %



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

All Data Obtained from CDC's VAERS

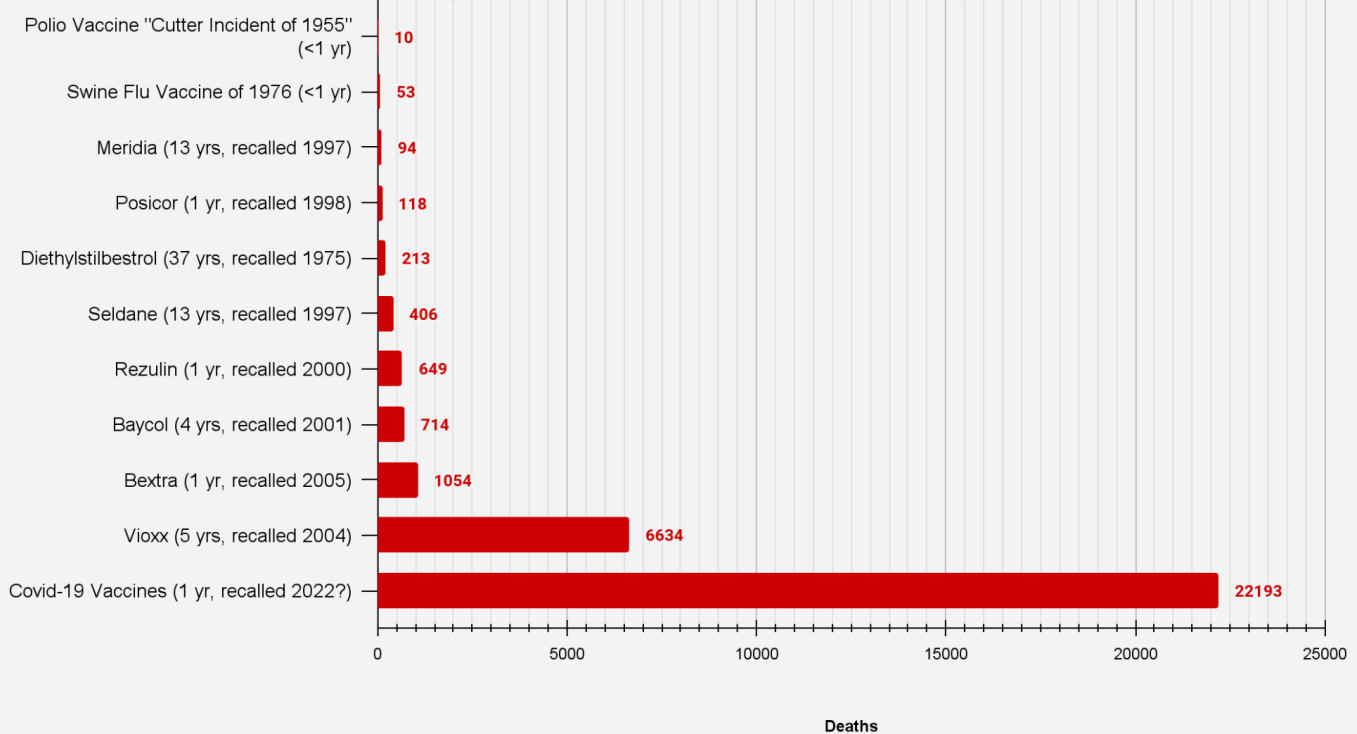
Foreign % Unknown % US %



## Recall History

### Reported Deaths for Major Drug/Vaccine Recalls

(Data Obtained from VAERS and FAERS)



## 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>