

# VAERS Summary for COVID-19 Vaccines through 01/28/2022

All charts and tables below reflect the data release on 2/4/2022 from the VAERS website, which includes U.S. and foreign data, and is updated through: **1/28/2022**.

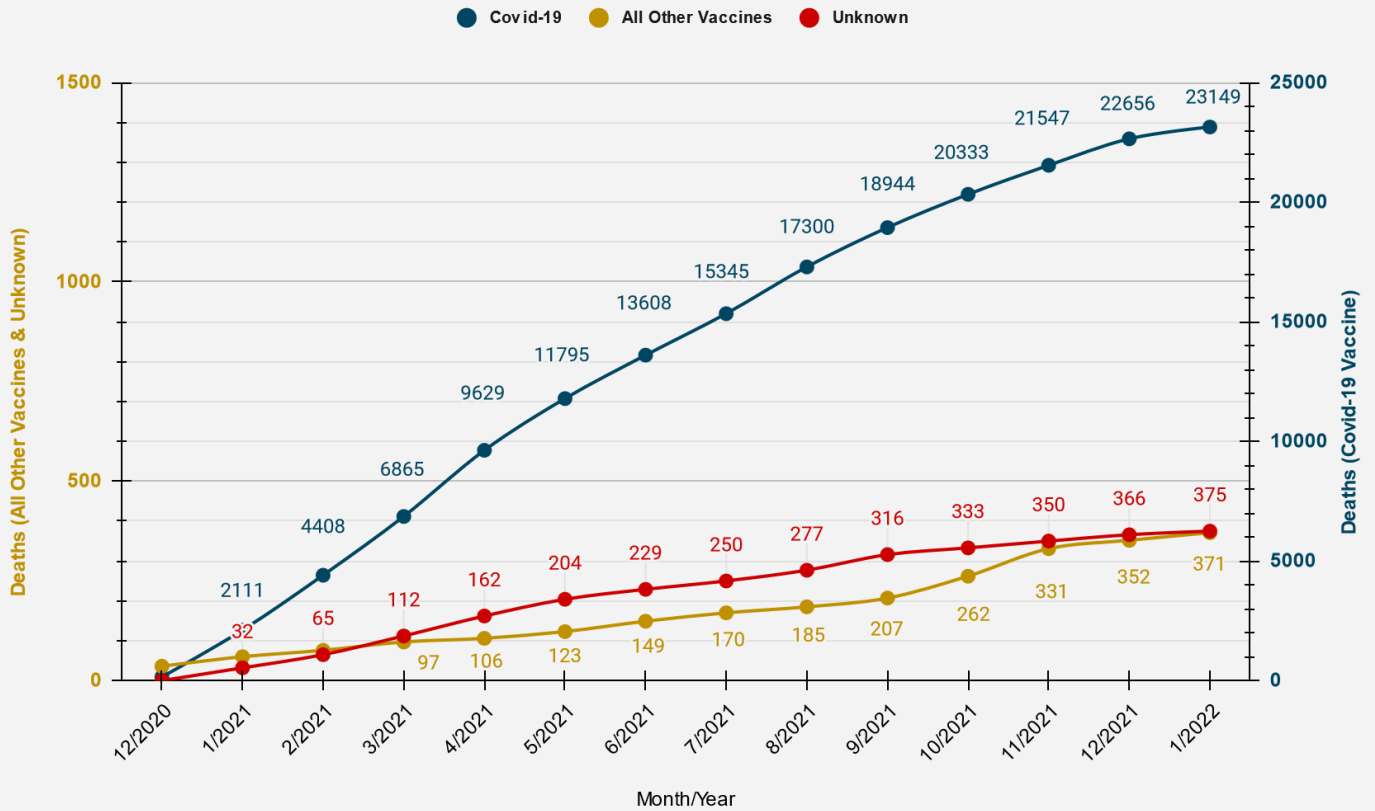
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	1,088,560	870,175	747,760	757,356
Number of Life-Threatening Events	26,283	14,356	11,667	9,921
Number of Hospitalizations	124,445	83,105	51,713	38,903
Number of Deaths	23,149*	9,512*	10,527	5,274
# of Permanent Disabilities after vaccination	41,163	20,801	12,235	12,861
Number of Office Visits	169,216	49,700	147,098	47,548
# of Emergency Room/Department Visits	116,627	212,585	92,871	203,060
# of Birth Defects after vaccination	896	191	462	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

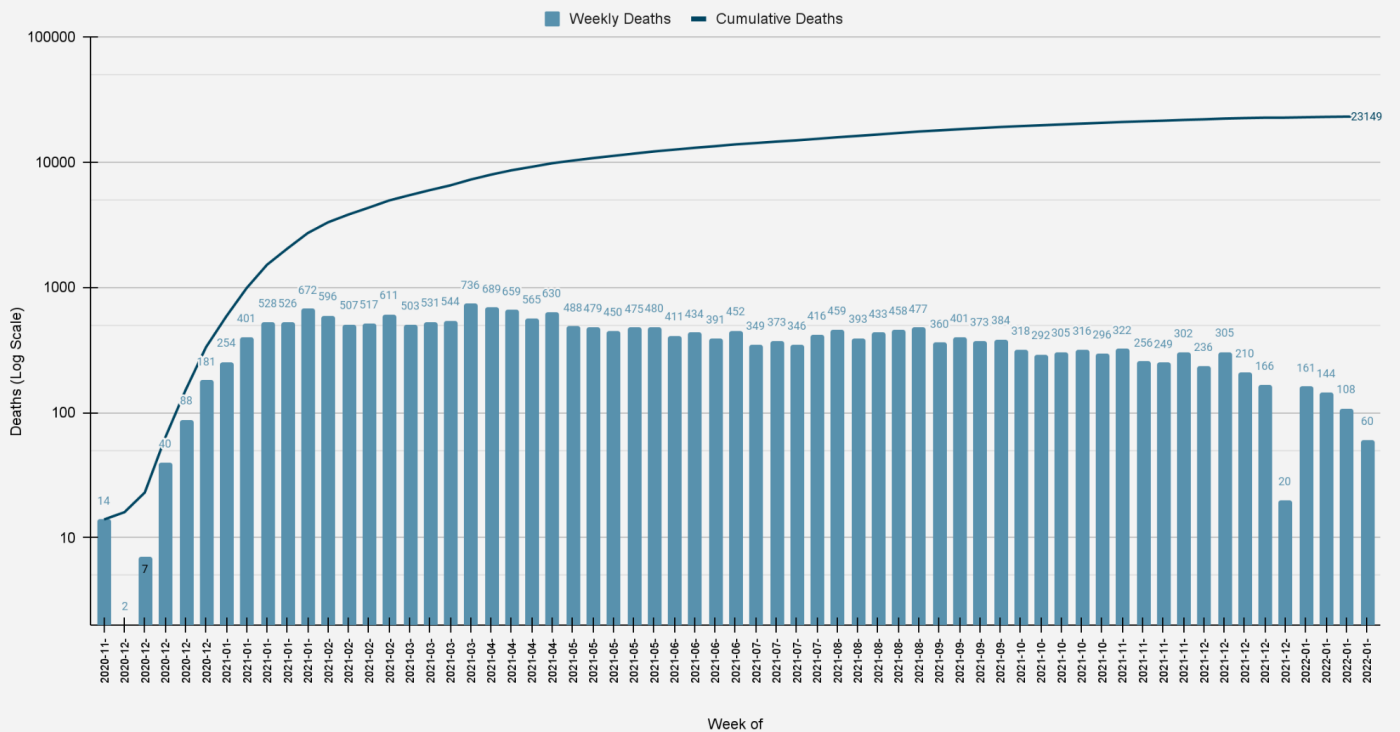
Data obtained from CDC's VAERS



[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

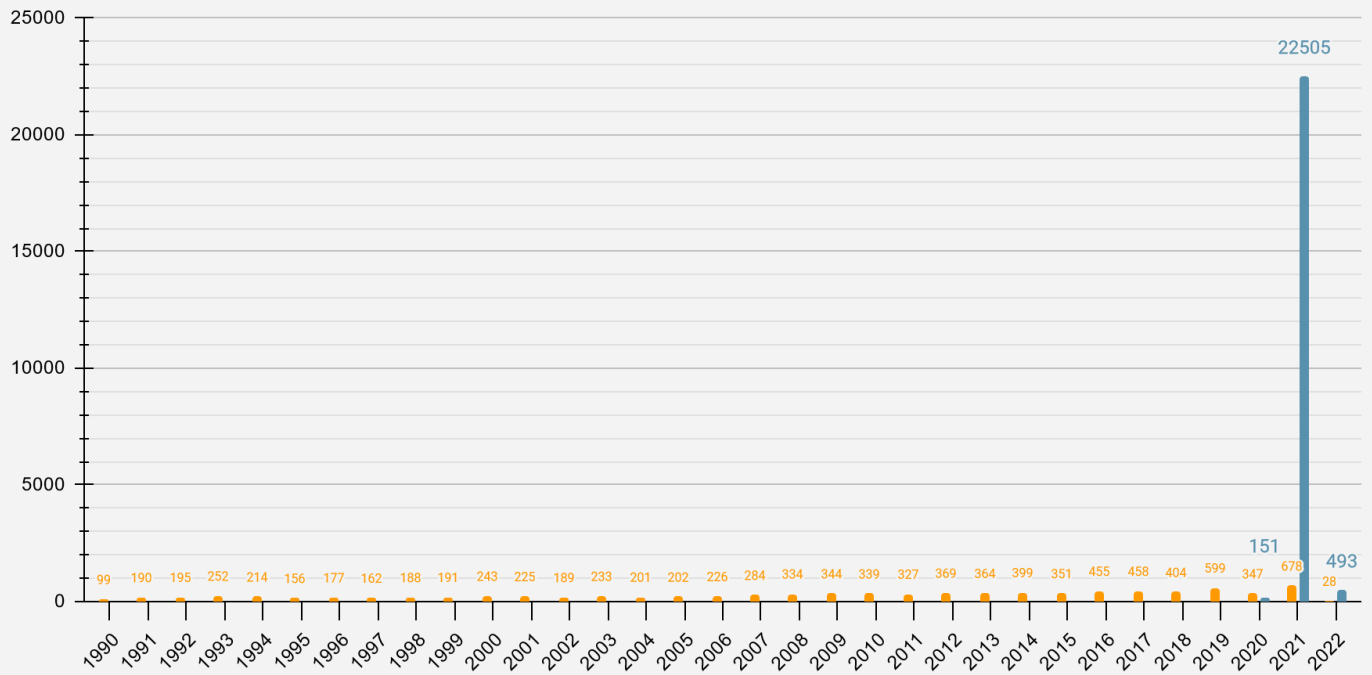
Data Obtained from CDC's VAERS



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

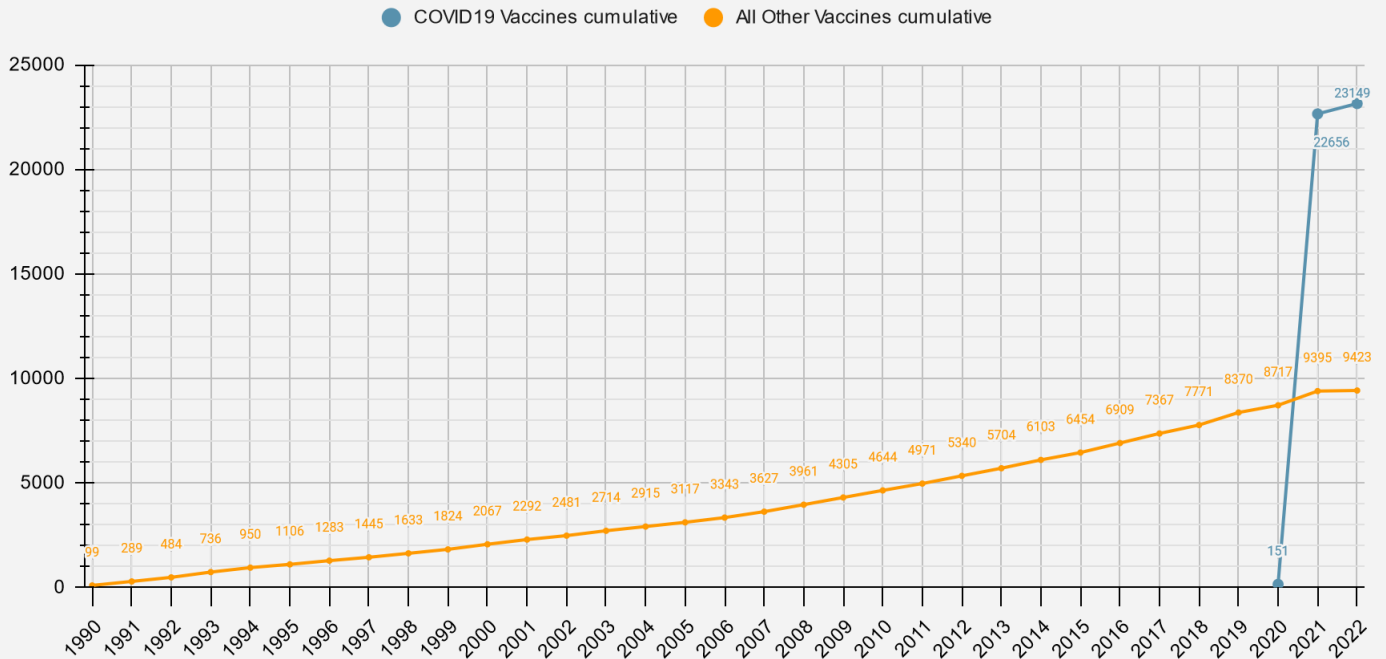
Data Obtained from CDC's VAERS

■ All Other Vaccines ■ COVID-19 Vaccines



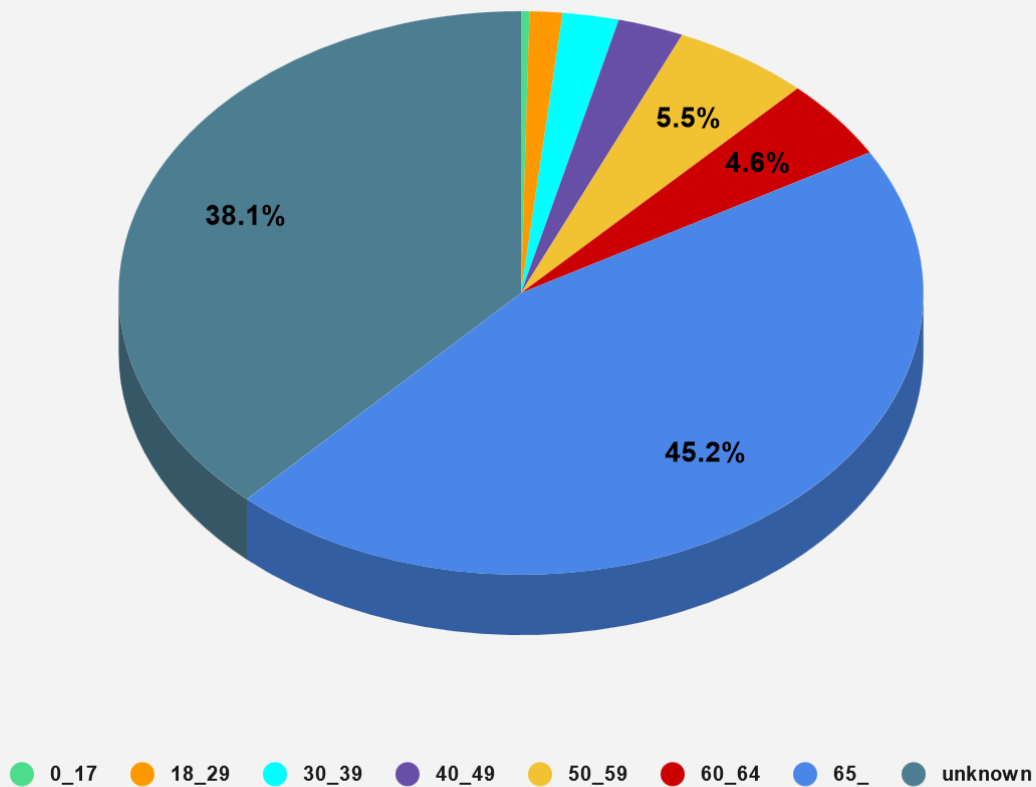
# Reported Deaths by Year, COVID19 vs. All Other Vaccines, Cumulatively

Data Obtained from CDC's VAERS



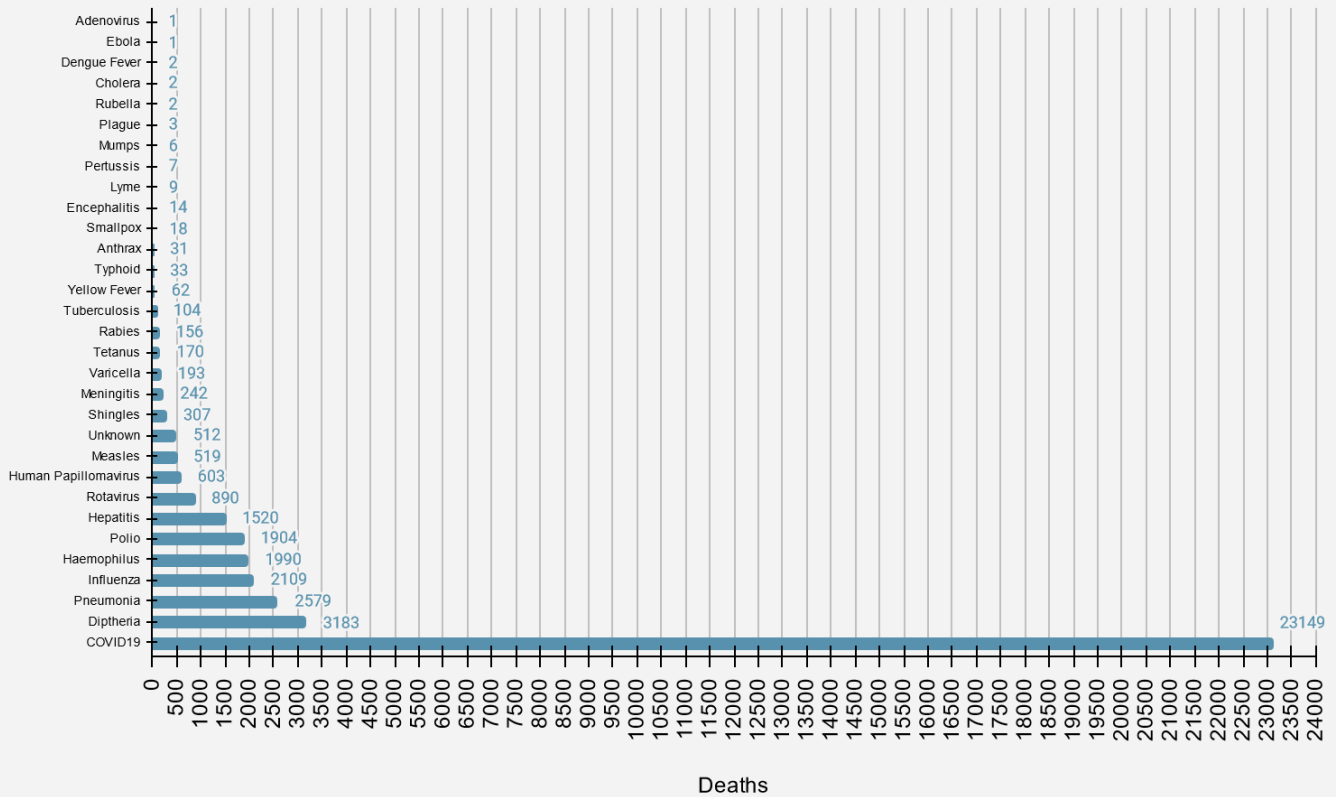
# Age Distribution of Reported Deaths After COVID19 Vaccination

Data obtained from CDC's VAERS



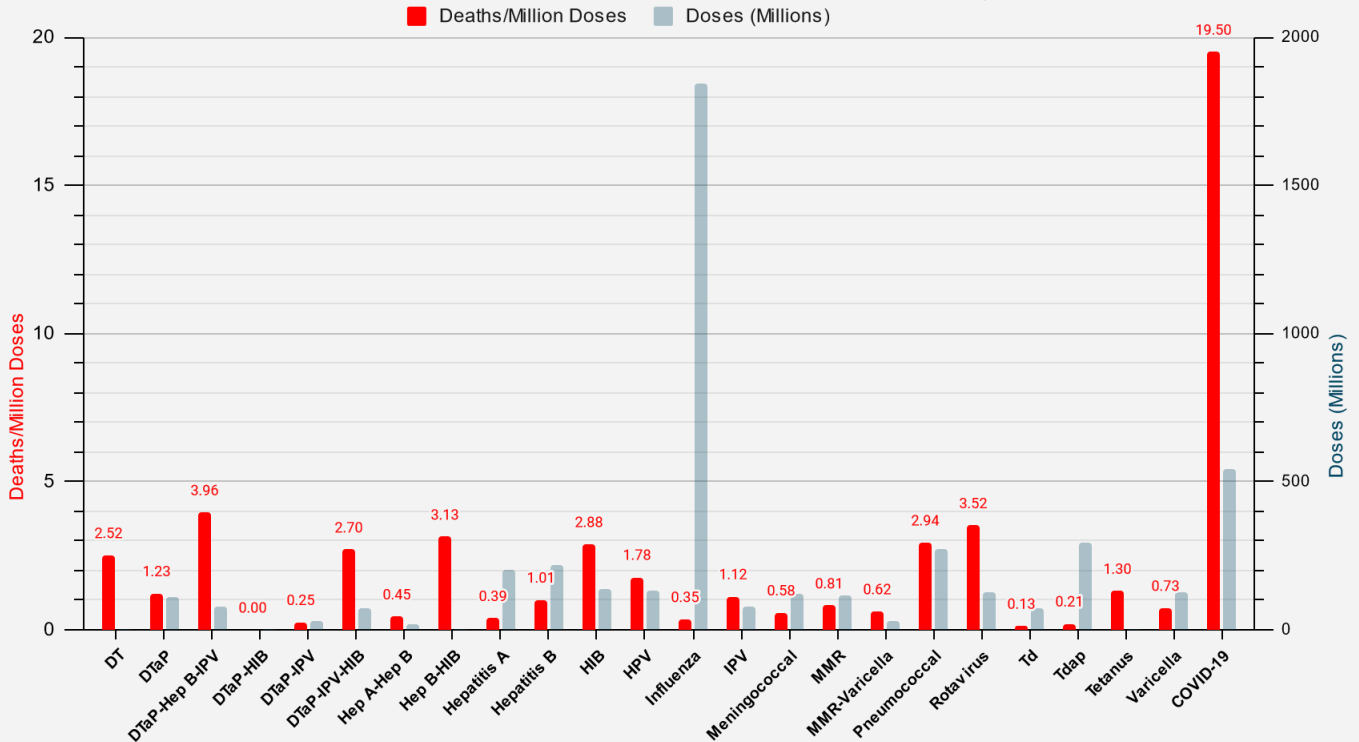
## Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



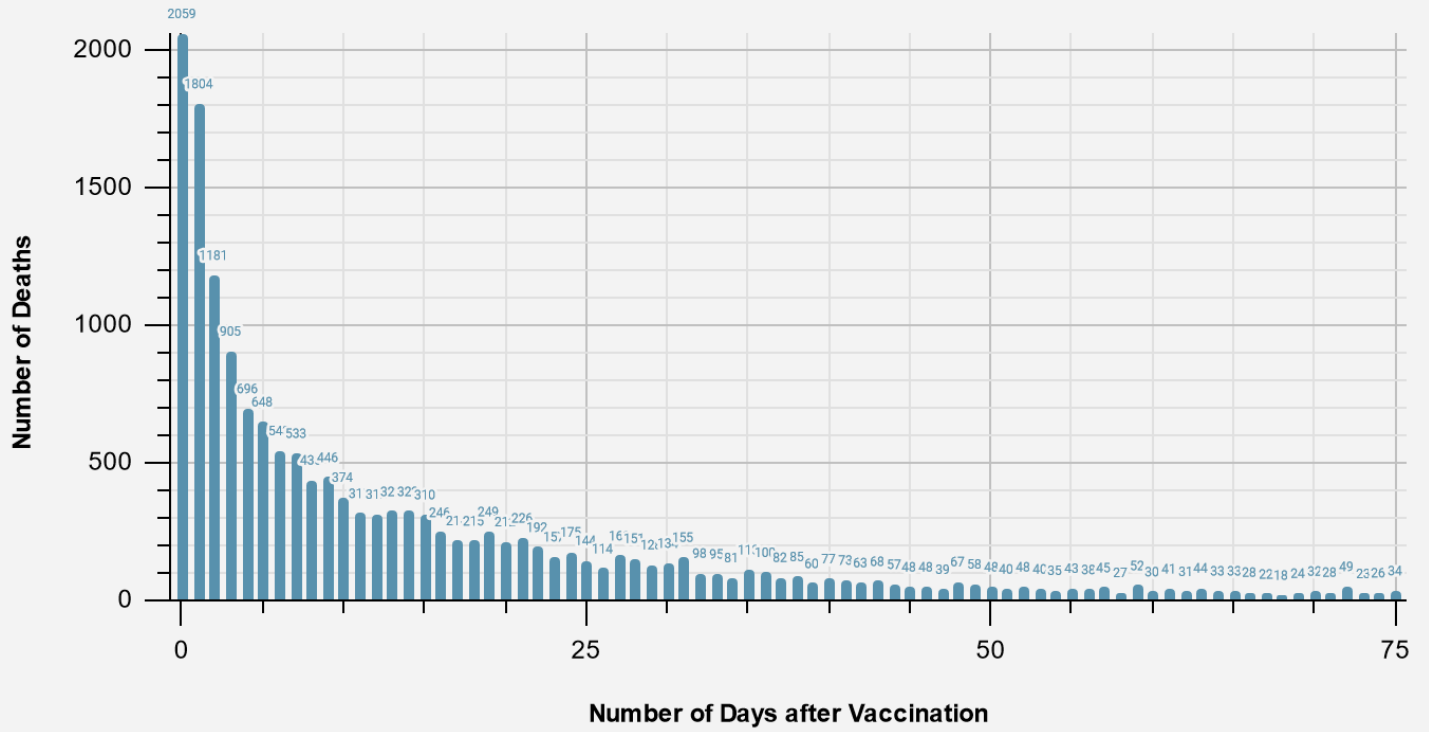
## Deaths Per Million Doses (US Only) Traditional Vaccines (2006 - 2019), Covid-19 Vaccines (2020-Present)

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



# Number of Deaths by Days After COVID19 Vaccination

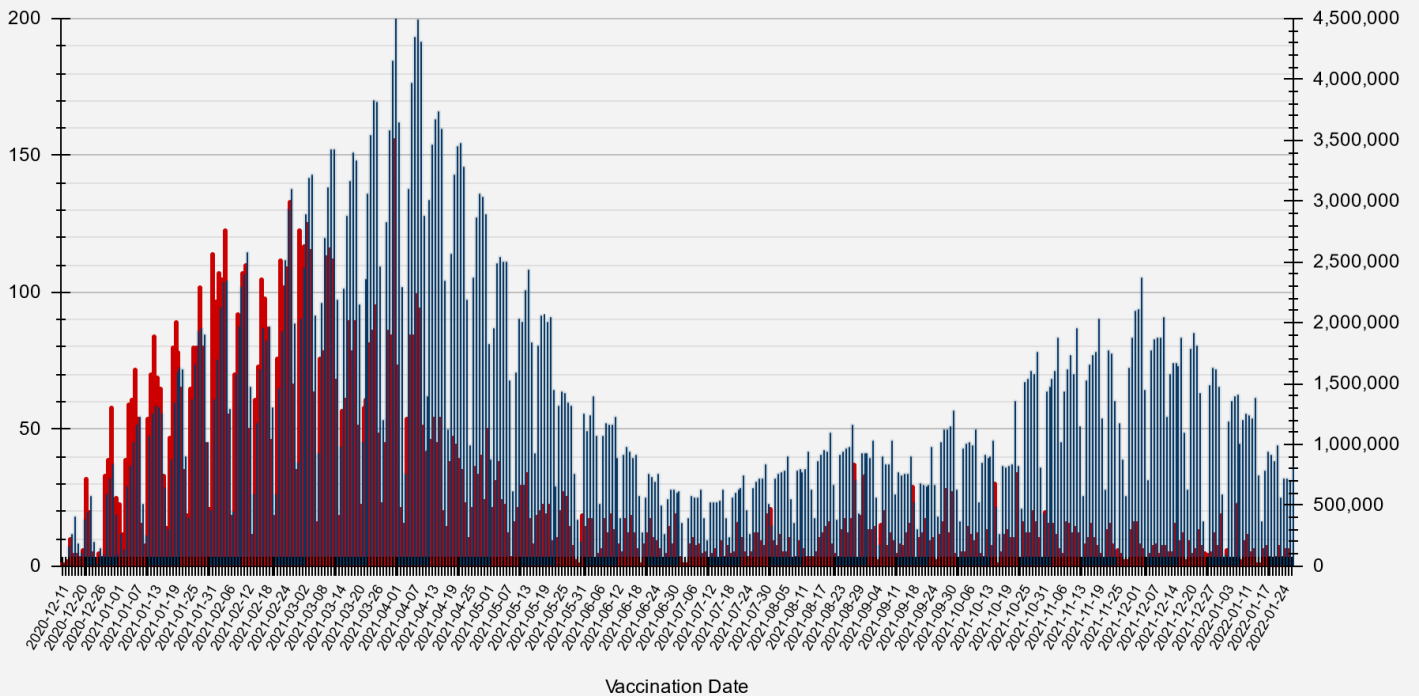
Data obtained from CDC's VAERS



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

Data Obtained from CDC's VAERS & CDC

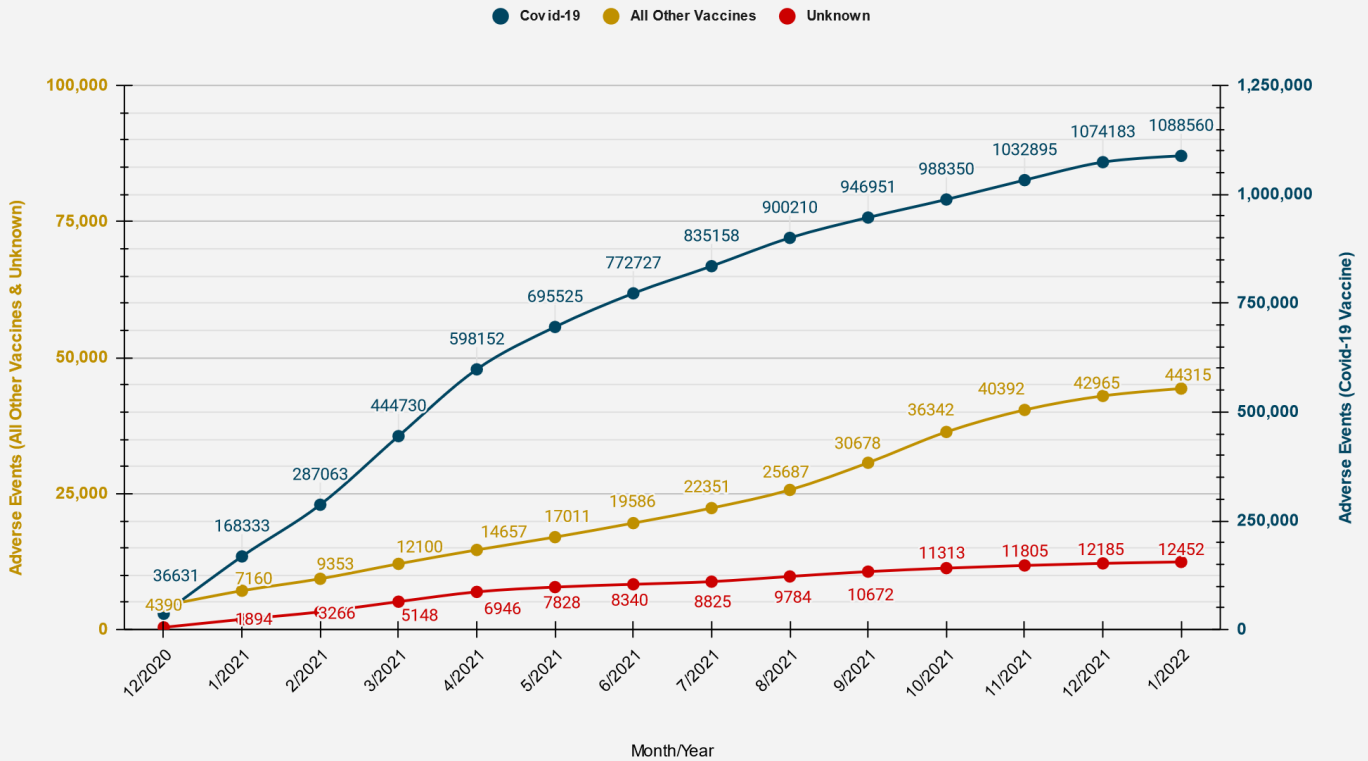
■ Number of Deaths ■ Number of Doses



# Adverse Events

## Cumulative Reported AEs After Vaccination - 1 Year Summary

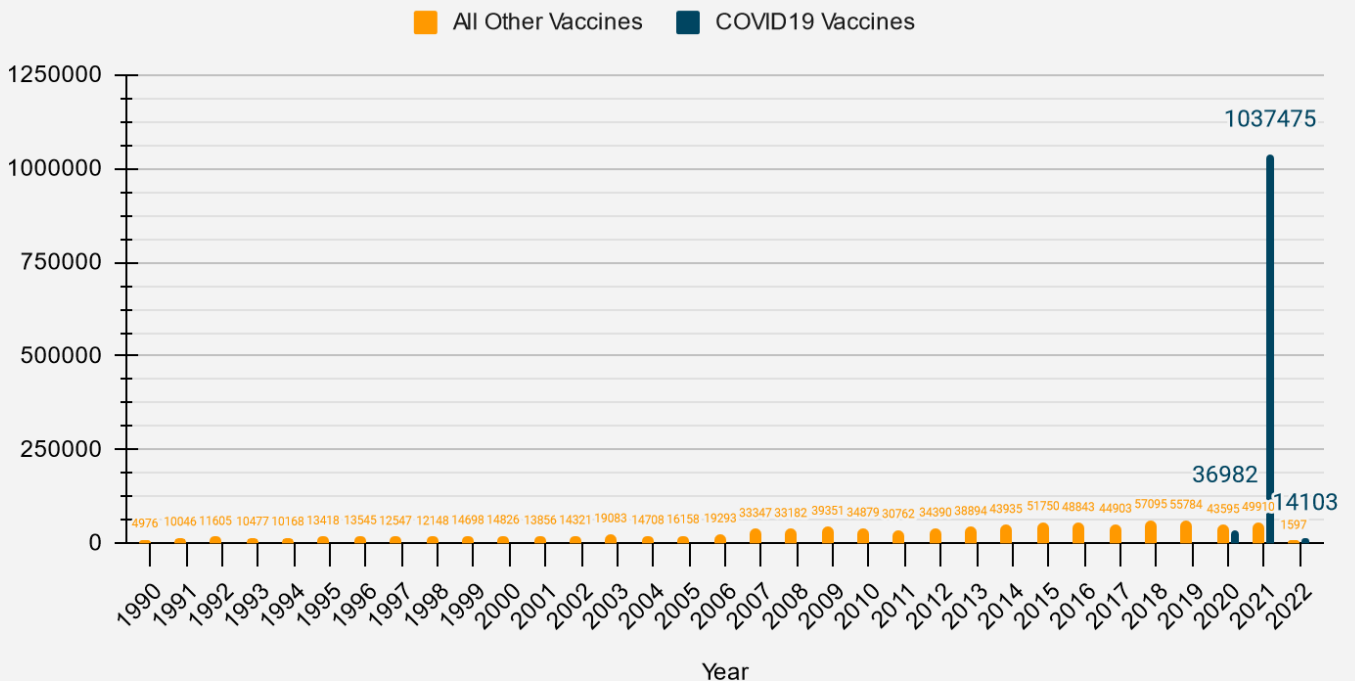
Data obtained from CDC's VAERS



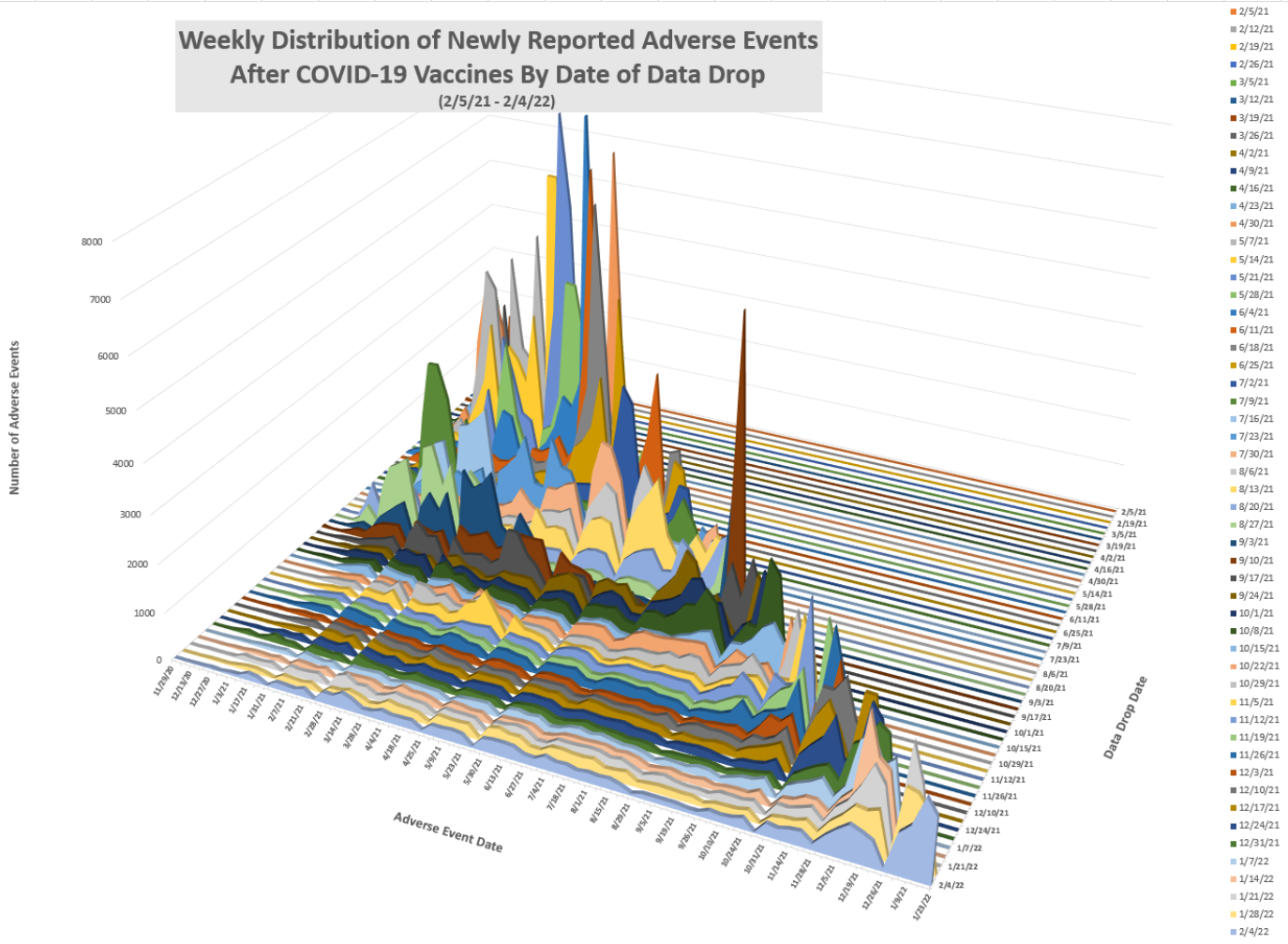
[Unknowns separated from All Other Vaccines for greater clarity; in many cases the Unknowns are actually Covid-19]

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

Data obtained from CDC's VAERS



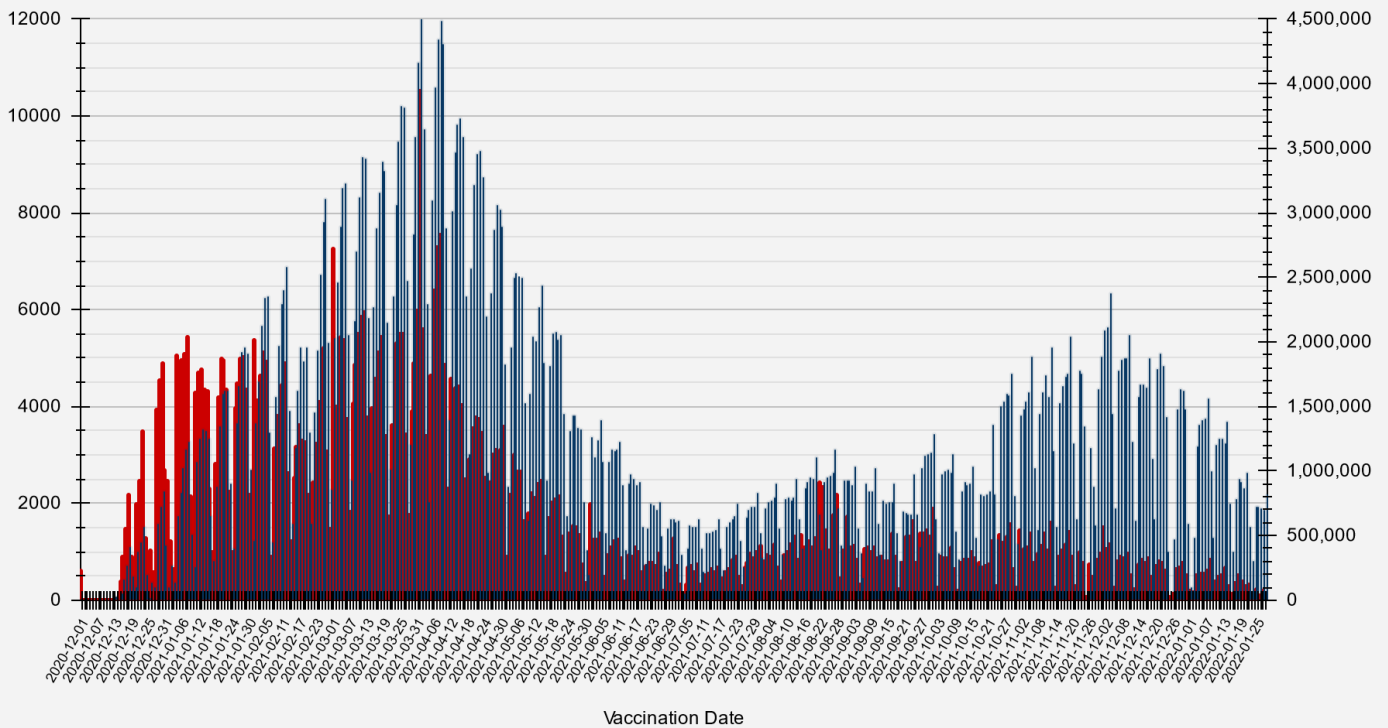
### Weekly Distribution of Newly Reported Adverse Events After COVID-19 Vaccines By Date of Data Drop (2/5/21 - 2/4/22)



### 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\*\*\***

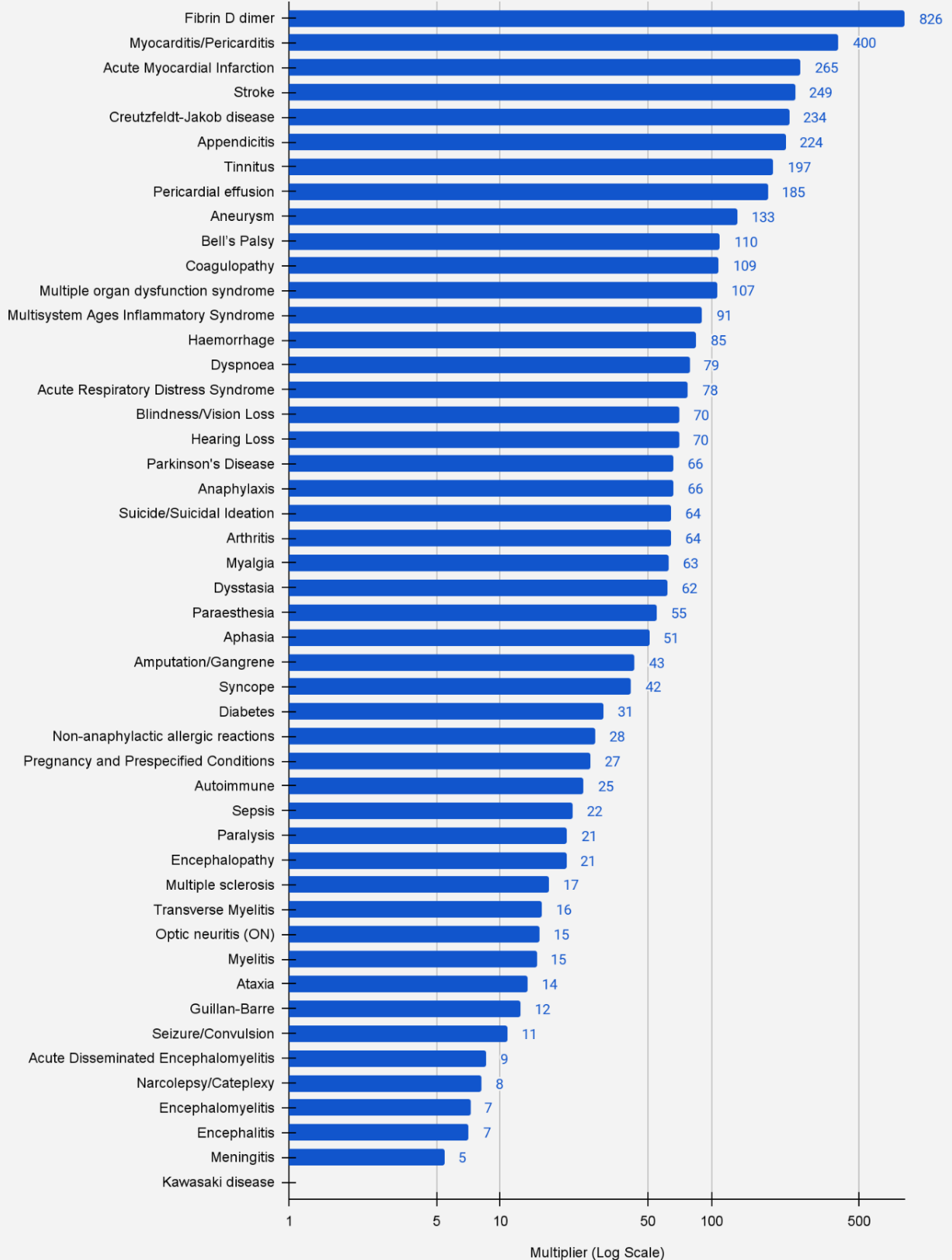
- Guillain-Barré syndrome
- Acute disseminated encephalomyelitis
- Transverse myelitis
- Encephalitis/myelitis/encephalomyelitis/  
meningoencephalitis/meningitis/  
encepholopathy
- Convulsions/seizures
- Stroke
- Narcolepsy and cataplexy
- Anaphylaxis
- Acute myocardial infarction
- Myocarditis/pericarditis
- 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	2207	38
Acute Disseminated Encephalomyelitis	158	6
Transverse Myelitis	400	4
Encephalitis	1881	197
Convulsions/Seizures	13696	412
Stroke	13094	1201
Narcolepsy, Cataplexy	262	5
Anaphylaxis	45487	166
Acute Myocardial Infarction (Heart Attack)	3984	1192
Myocarditis/Pericarditis	17382	206
Autoimmune Disease	1328	24
Other Acute Demyelinating Diseases	299	5
Pregnancy and birth outcomes (Miscarriages)	3670	116
Other Allergic Reactions	2033	3
Thrombocytopenia	4742	356
Disseminated Intravascular Coagulation	202	62
Venous Thromboembolism	20456	1179
Arthritis and Arthralgia/Joint Pain	70242	204
Kawasaki Disease	70	1
Systemic Inflammatory Response Syndrome	674	50

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

(Data from VAERS through 1/21/22)



## 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 [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)**

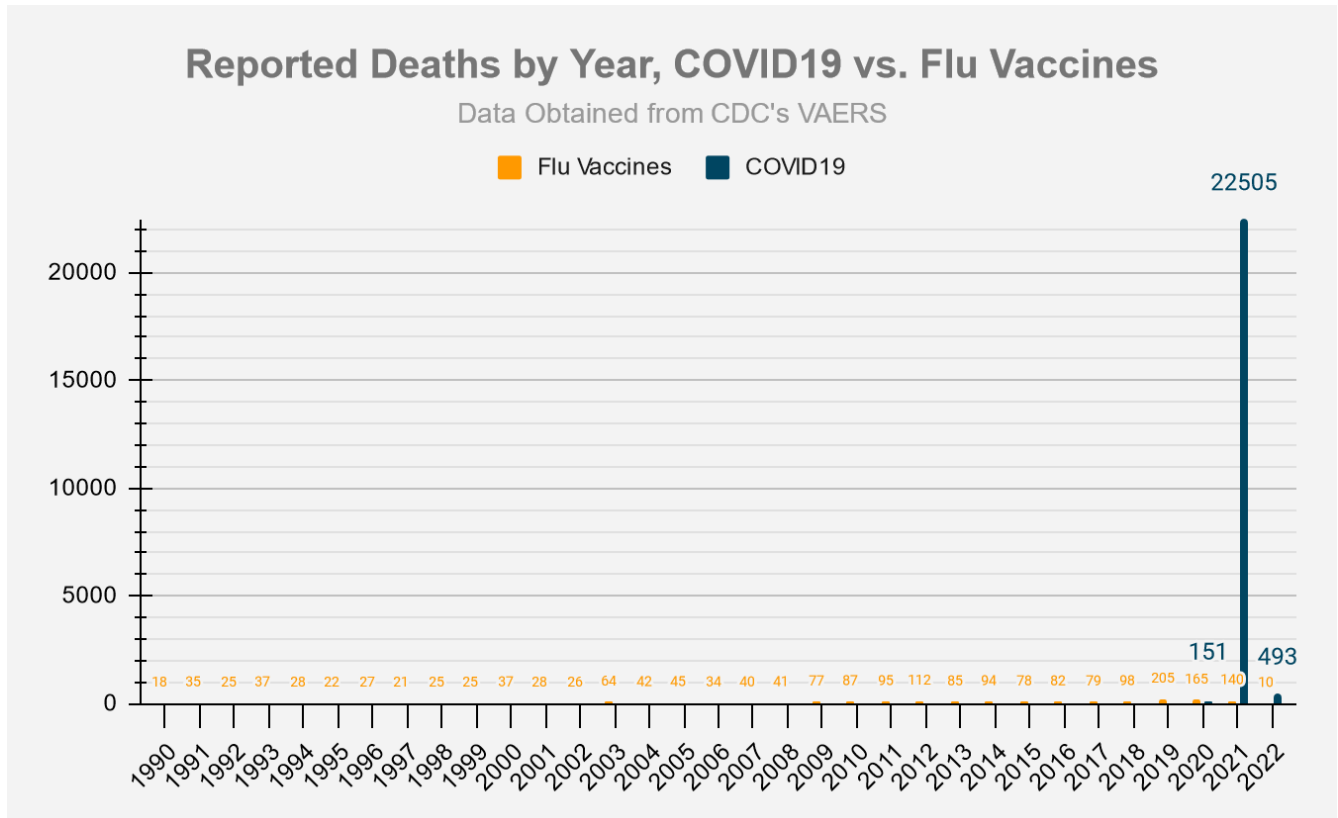
Vaccine Type	# of Vaccinations <sup>[3]</sup>	# of Deaths	Risk of Death	Percentage	Deaths/Mill. Vaccinations <sup>[3]</sup>
Flu	167,447,642 <sup>[1]</sup>	33	1 in 5,074,171	0.000020%	.20
COVID19	167,733,972 <sup>[2]</sup>	5,665	1 in 29,609	0.003377%	33.77
<b>Risk of dying from COVID vaccine is 171 times 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	9,717	1 in 17,232	0.005803%	58.03
COVID19	167,733,972	548,038	1 in 306	0.3267%	3,267
<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

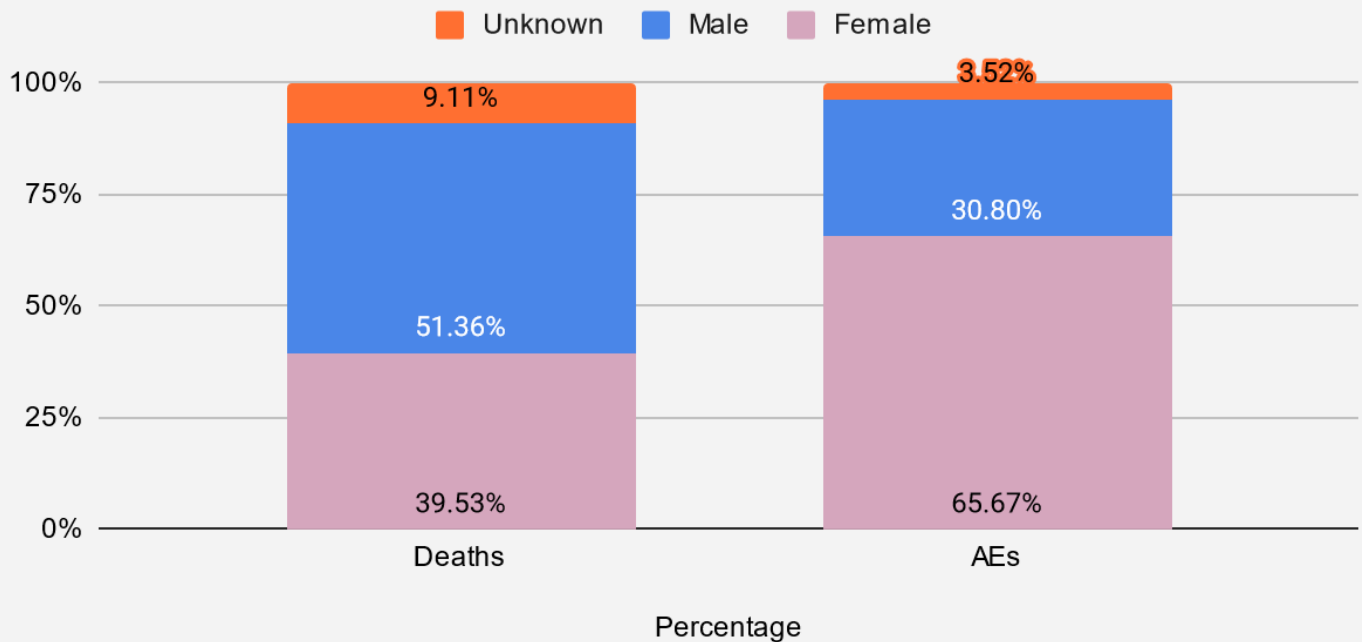
Manufacturer	# of Deaths	% Deaths	Average Deaths/Day	# US Deaths	# US Doses Administered	Average US Deaths/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	2055	8.87%	6.12	1348	18,215,099	74	336	2/26/21
Moderna	5733	24.73%	14.12	4353	204,895,468	21.24	406	12/18/20
Pfizer/Biontech	15291	65.97%	37.02	4799	317,821,532	15.1	413	12/11/20
Unknown	99	0.43%		43	478,748			

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)	79148	7.26%	235.56	66104	18,215,099	3629.08	336	2/26/21
Moderna	393933	36.11%	970.28	341847	204,895,468	1668.4	406	12/18/20
Pfizer/Biontech	614956	56.37%	1489	339556	317,821,532	1068.39	413	12/11/20
Unknown	2862	0.26%		1696	478,748			

## Vaccine Data by Gender

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

All Data Obtained from CDC's VAERS

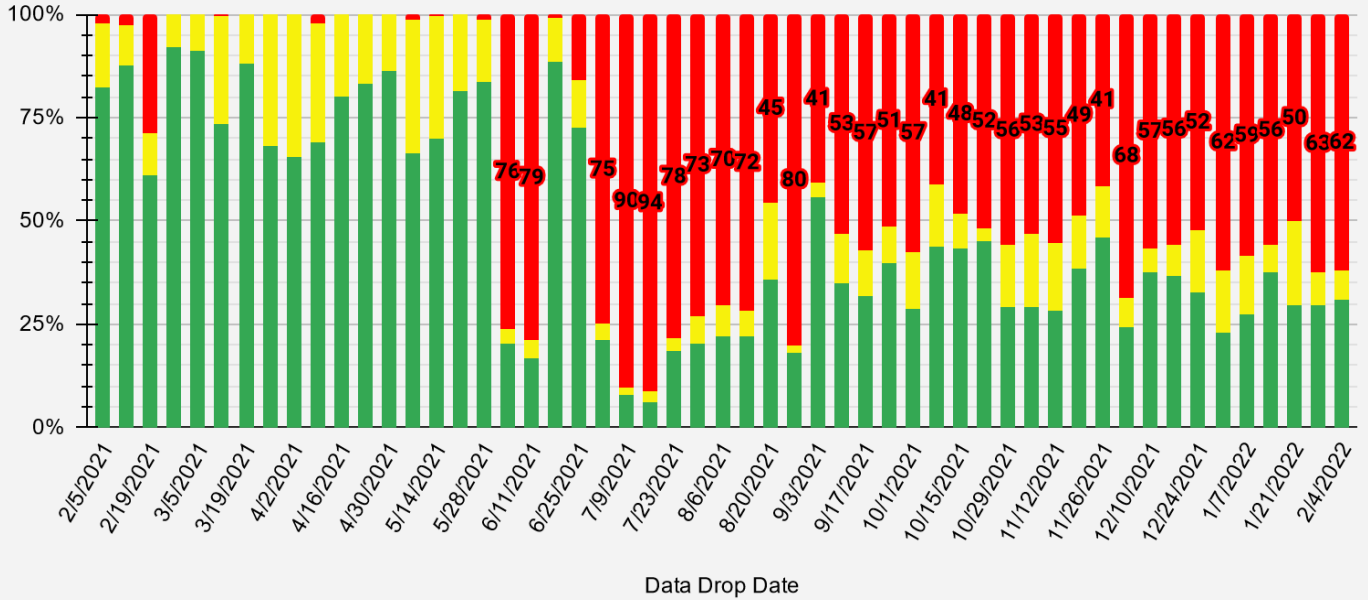


# Vaccine Data by Location

## Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS

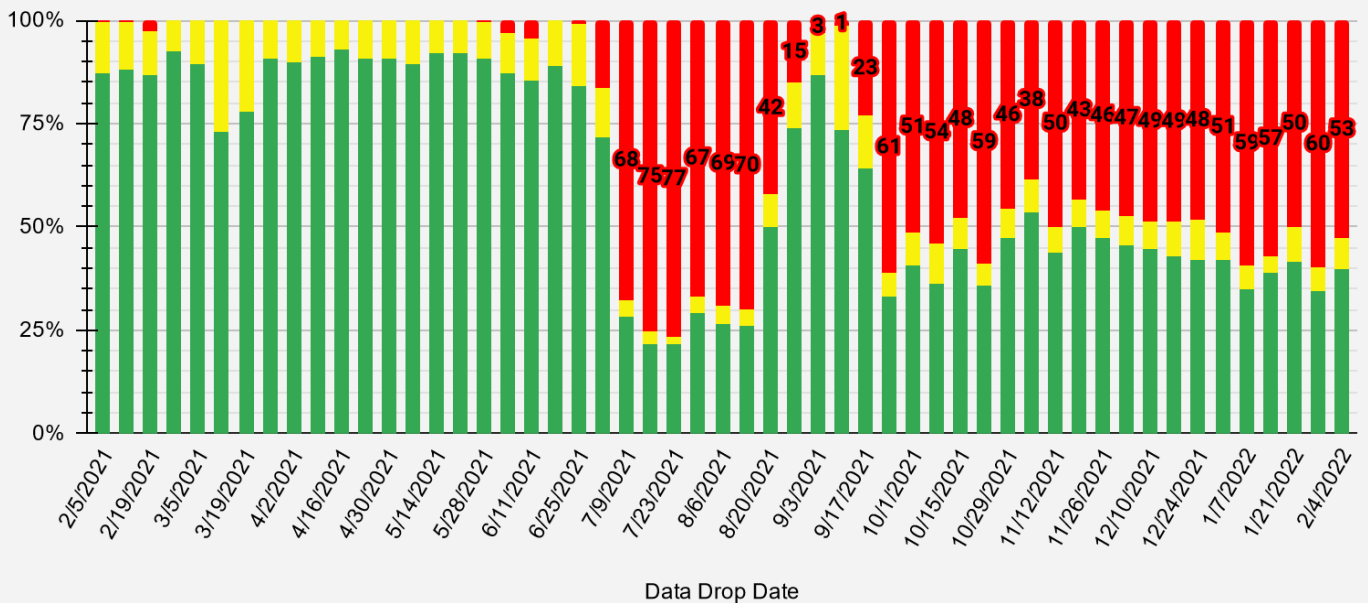
Foreign % Unknown % US %



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

All Data Obtained from CDC's VAERS

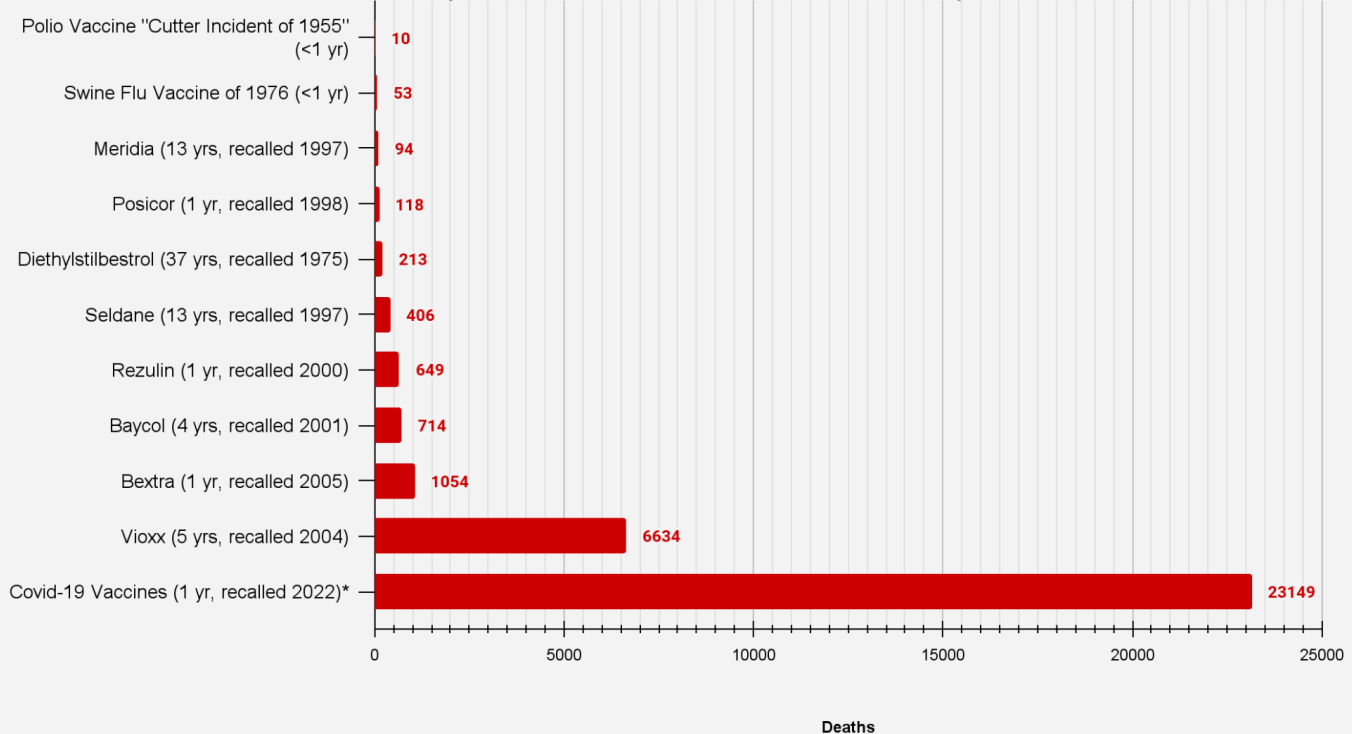
Foreign % Unknown % US %



## Recall History

### Reported Deaths for Major Drug/Vaccine Recalls

(Data Obtained from VAERS and FAERS)



\*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/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>