

# VAERS Summary for COVID-19 Vaccines through 12/31/2021

All charts and tables below reflect the data release on 1/7/2022 from the VAERS website, which includes U.S. and foreign data, and is updated through: **12/31/2021**.

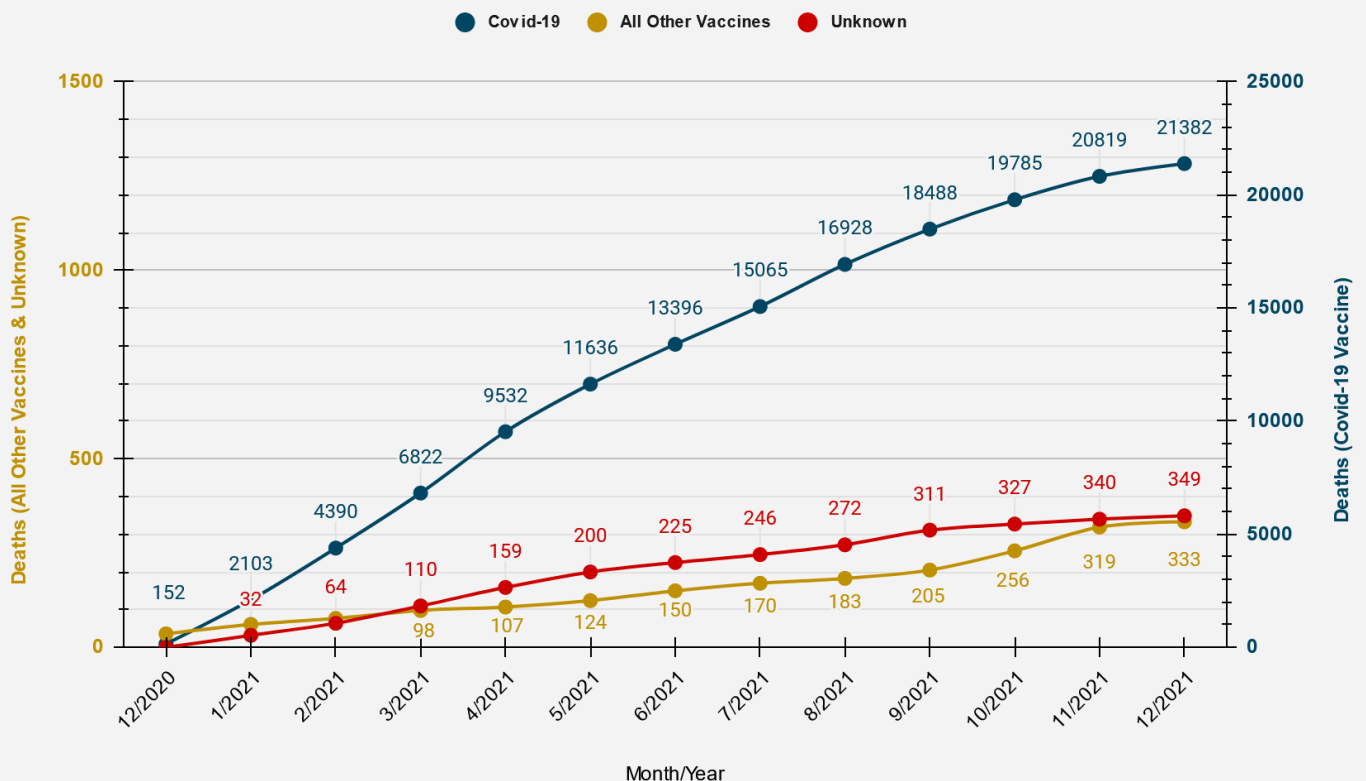
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	1,017,001	866,447	715,857	754,241
Number of Life-Threatening Events	24,343	14,304	11,066	9,895
Number of Hospitalizations	113,303	82,747	46,755	38,770
Number of Deaths	21,382*	9,447*	9,778	5,233
# of Permanent Disabilities after vaccination	36,758	20,668	11,413	12,787
Number of Office Visits	158,761	49,192	139,299	47,086
# of Emergency Room/Department Visits	110,704	212,347	88,944	202,864
# of Birth Defects after vaccination	786	190	435	103

\*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

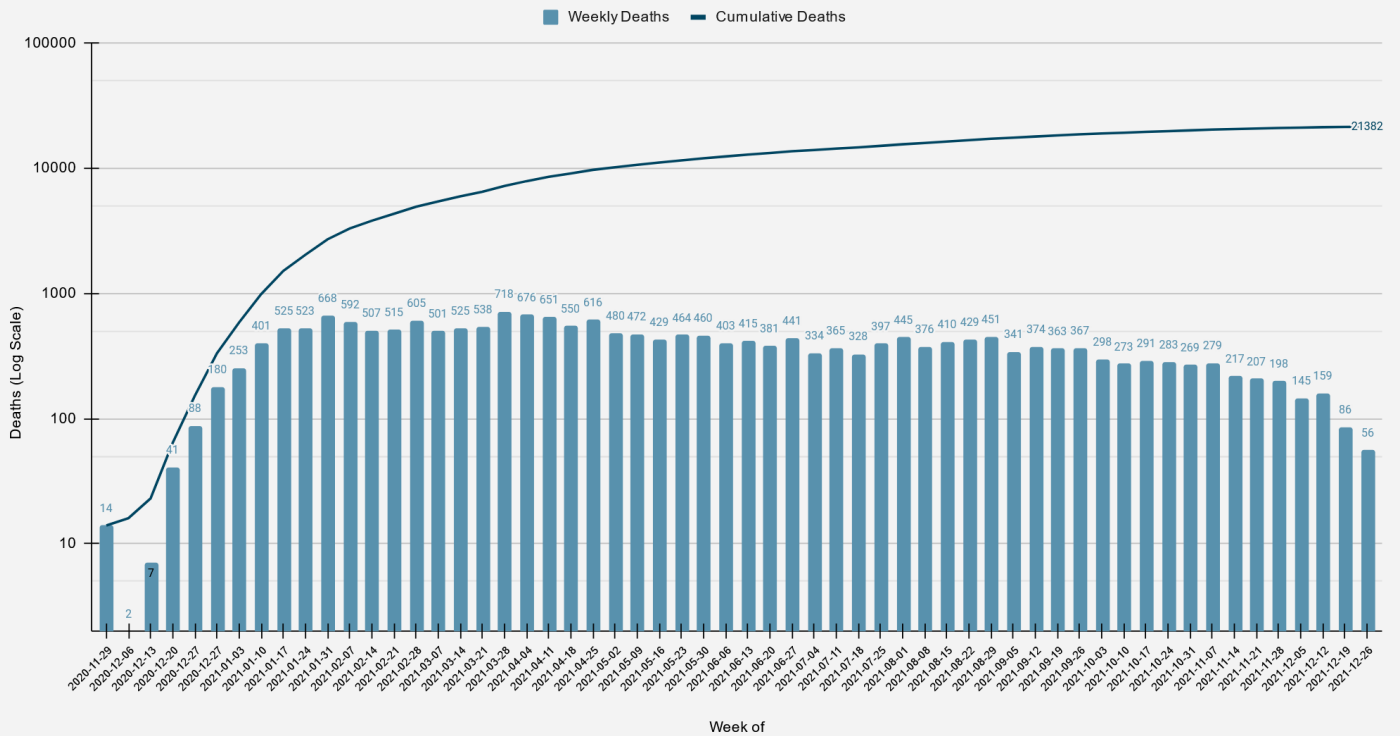
Data obtained from CDC's VAERS



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

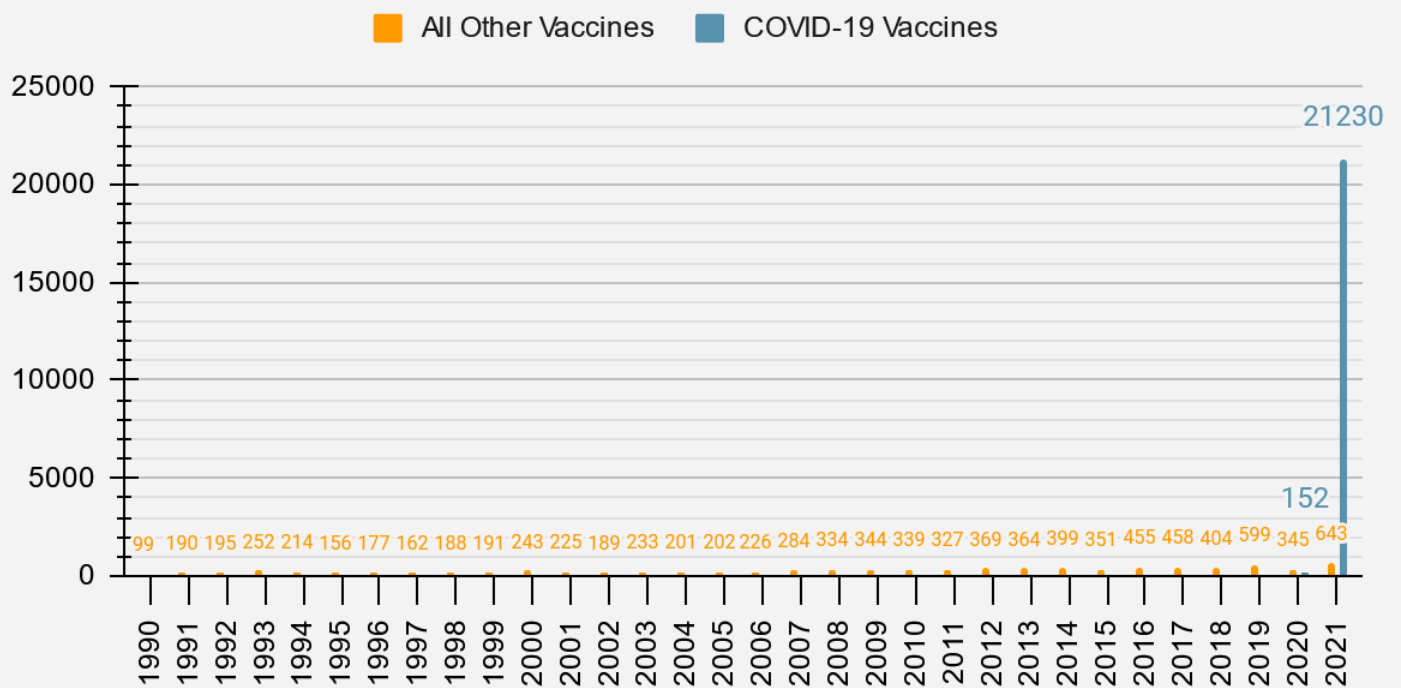
## Reported Deaths by Week, COVID19 Vaccines

Data Obtained from CDC's VAERS



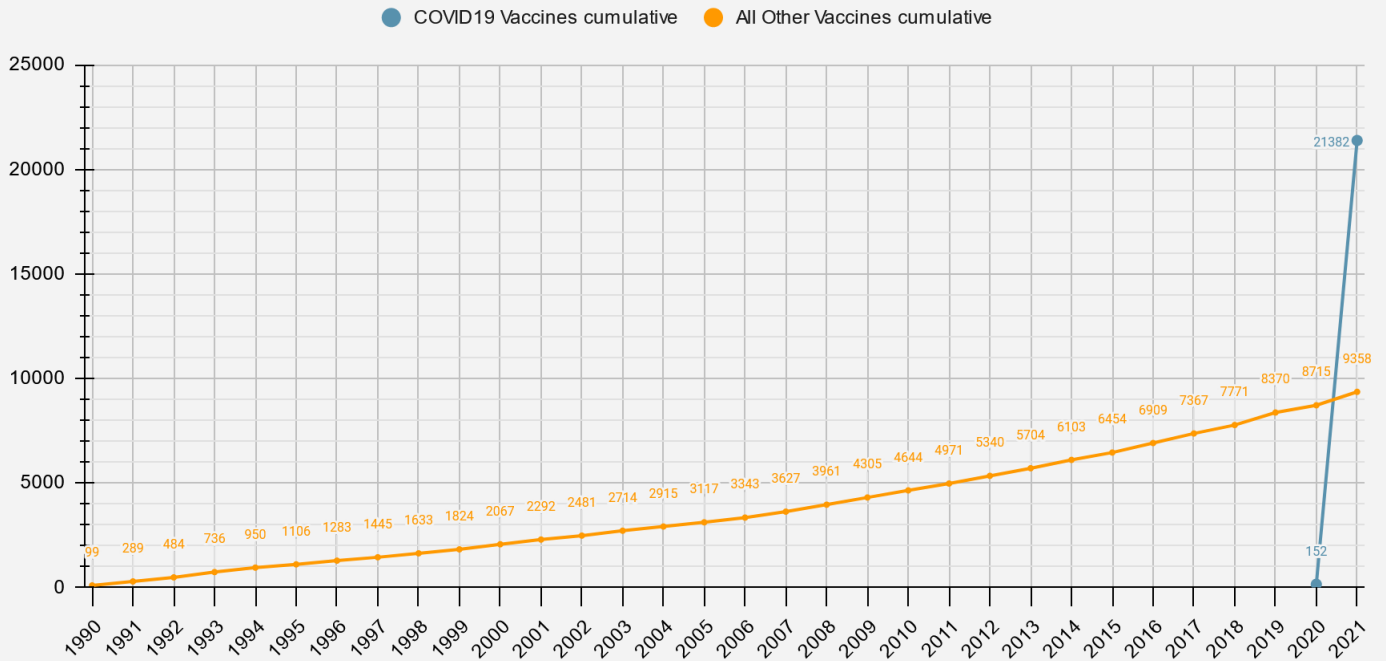
## Reported Deaths by Year, COVID19 vs. All Other Vaccines

Data Obtained from CDC's VAERS



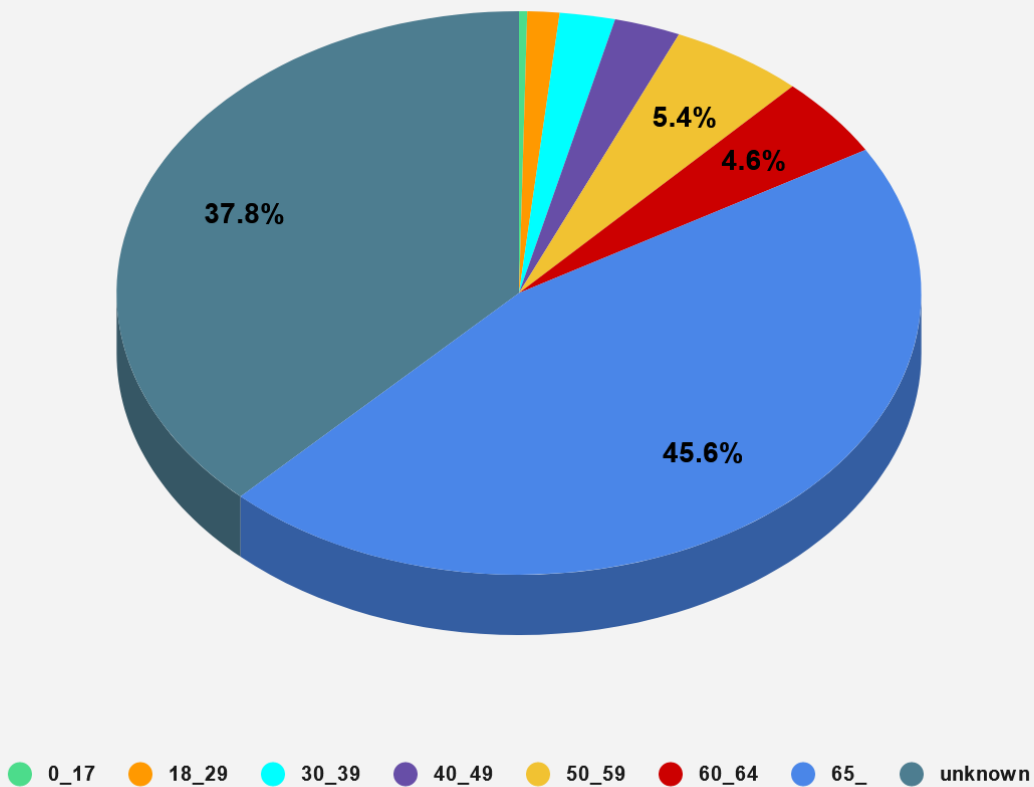
# Reported Deaths by Year, COVID19 vs. All Other Vaccines, Cumulatively

Data Obtained from CDC's VAERS



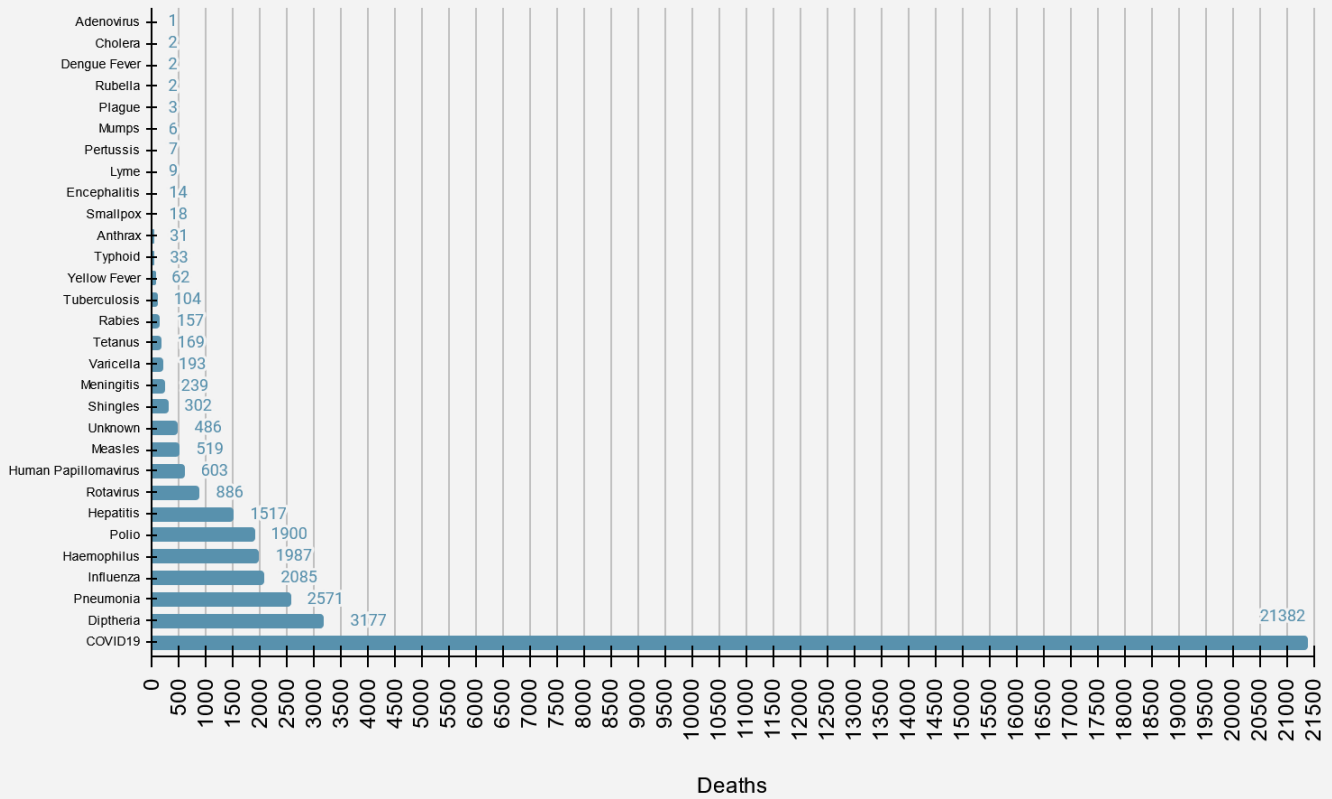
# Age Distribution of Reported Deaths After COVID19 Vaccination

Data obtained from CDC's VAERS



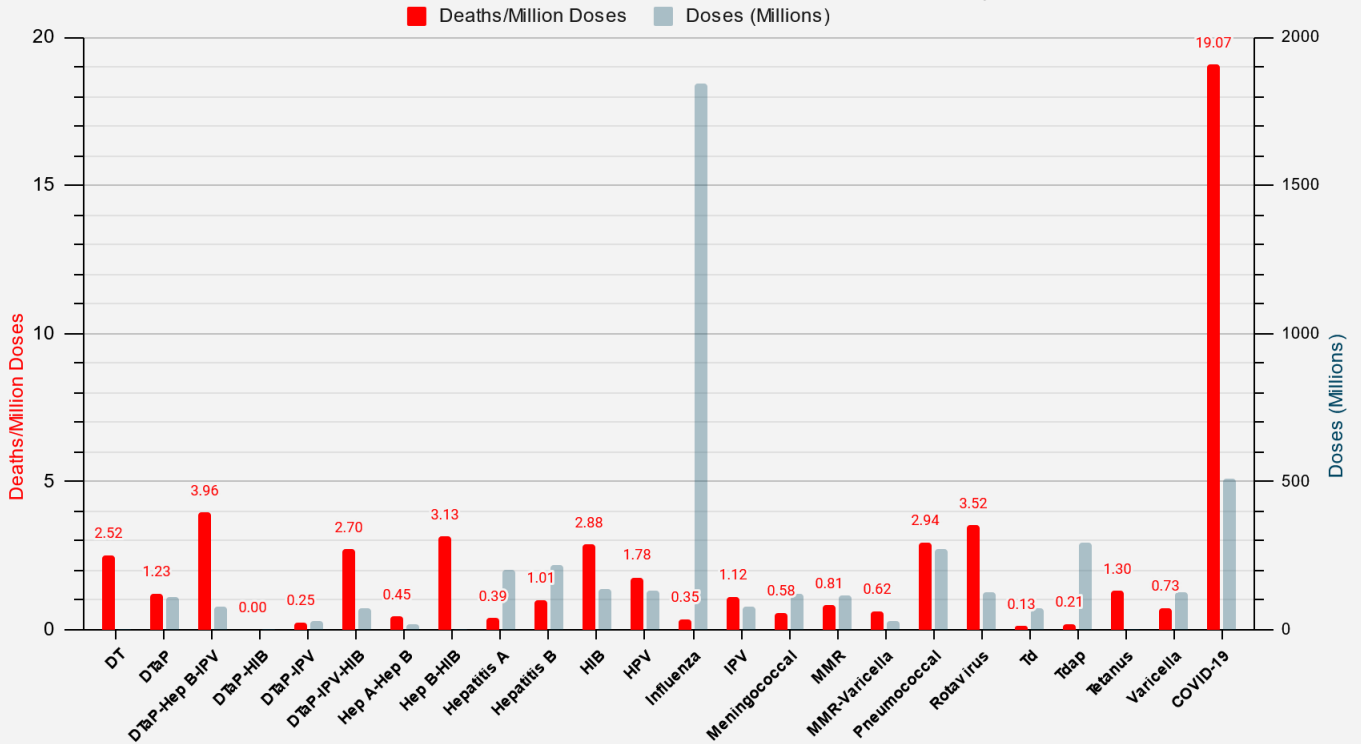
# Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



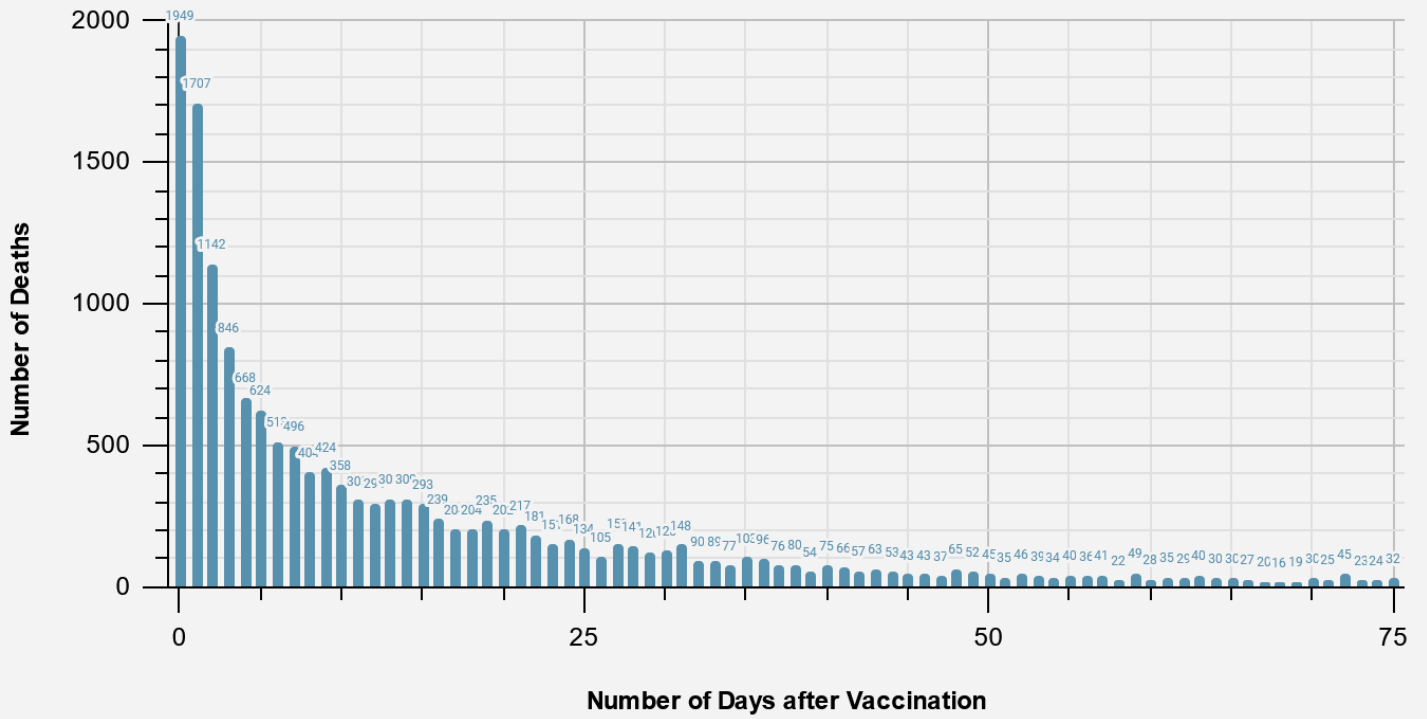
# Deaths Per Million Doses (US Only) Traditional Vaccines (2006 - 2019), Covid-19 Vaccines (2020-Present)

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



# Number of Deaths by Days After COVID19 Vaccination

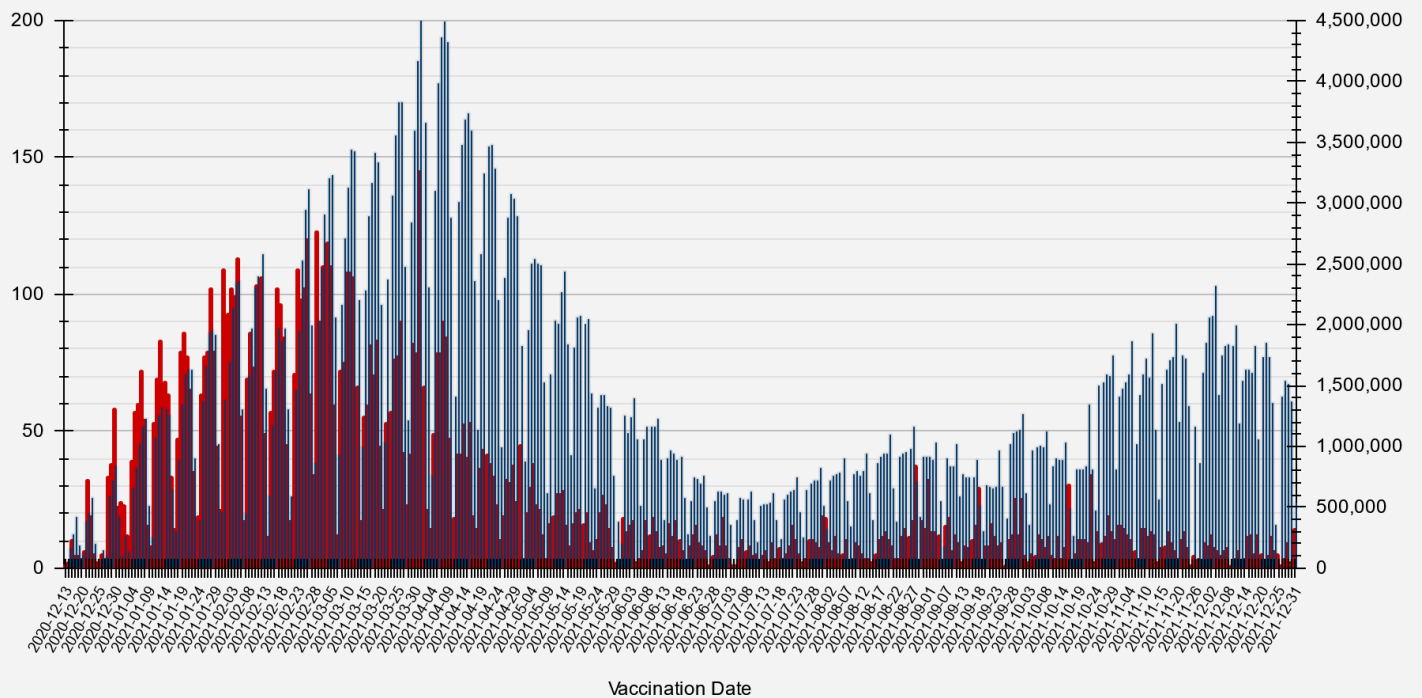
Data obtained from CDC's VAERS



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

Data Obtained from CDC's VAERS & CDC

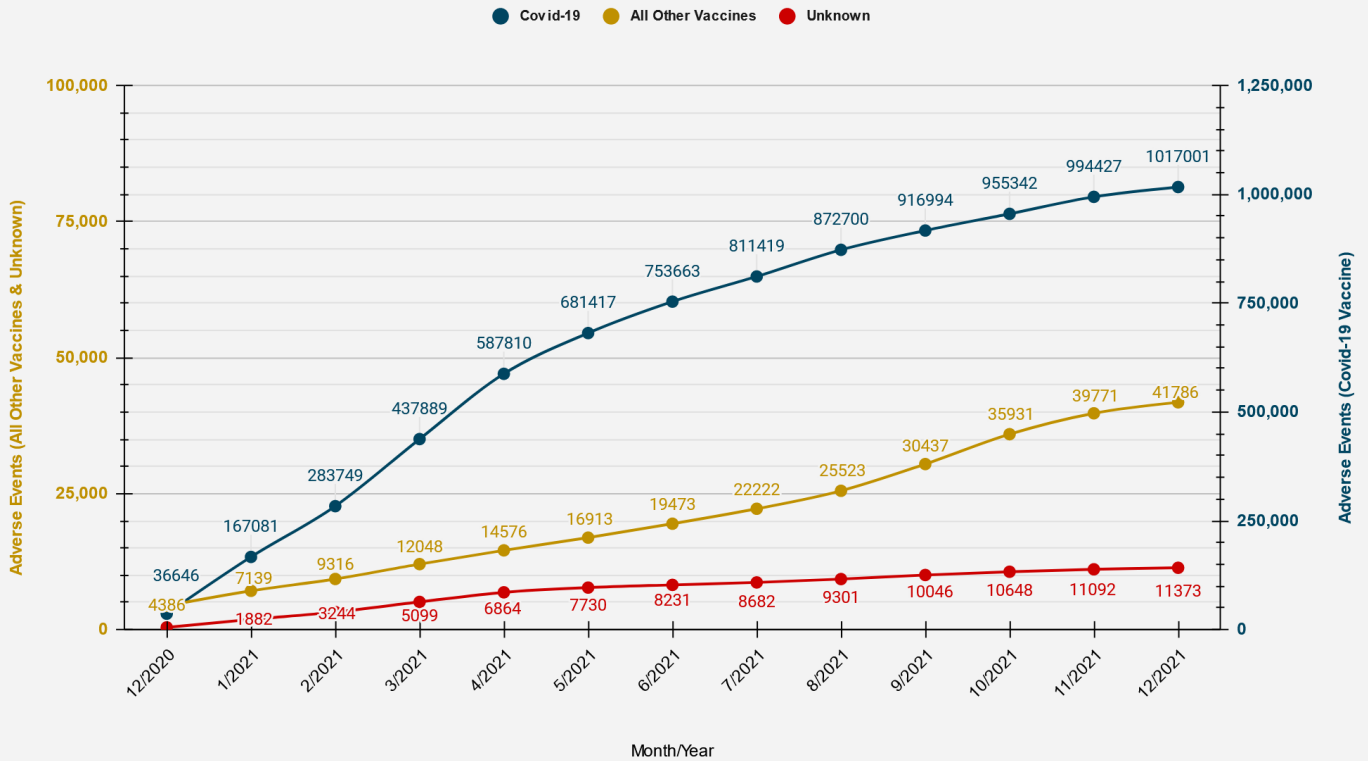
■ Number of Deaths ■ Number of Doses



# Adverse Events

## Cumulative Reported AEs After Vaccination - 1 Year Summary

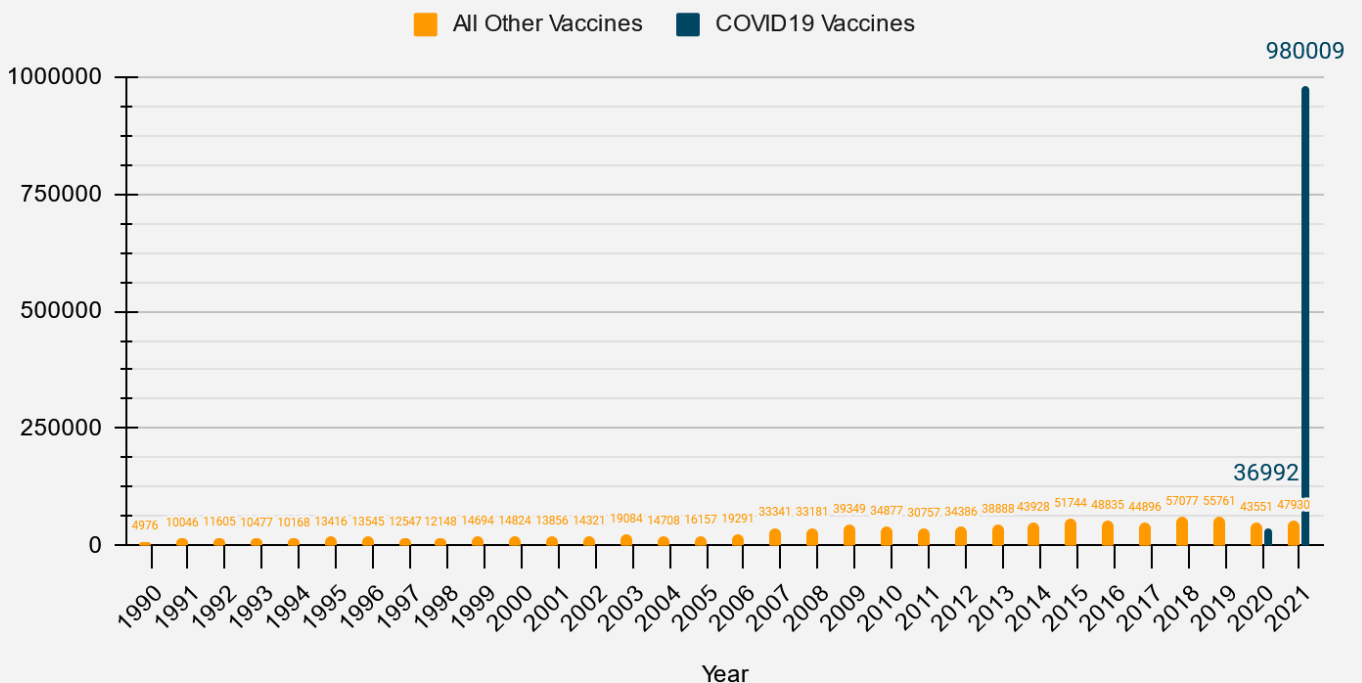
Data obtained from CDC's VAERS



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

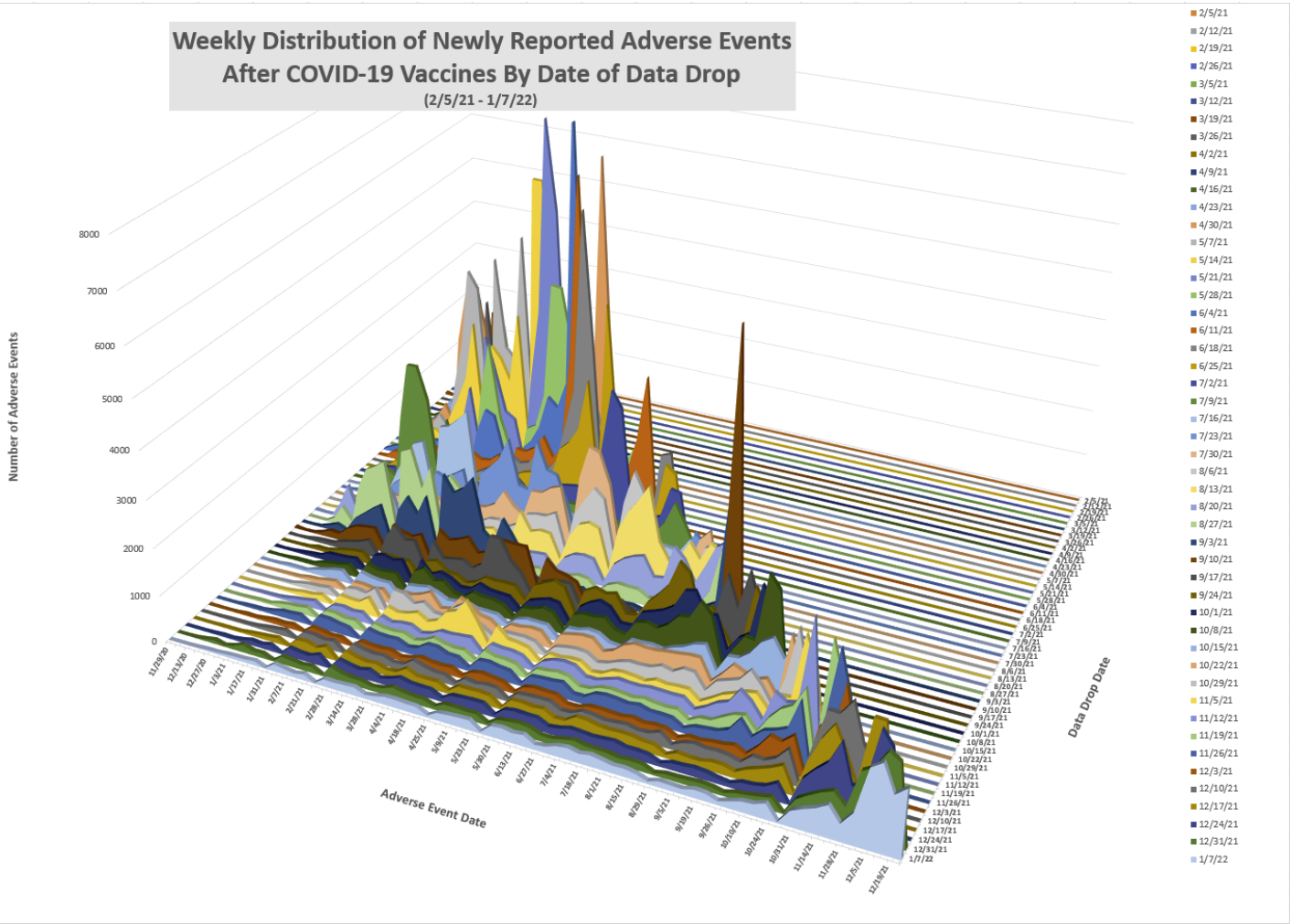
## Reported Adverse Events by Year, COVID19 vs. All Other Vaccines

Data obtained from CDC's VAERS



## Weekly Distribution of Newly Reported Adverse Events After COVID-19 Vaccines By Date of Data Drop

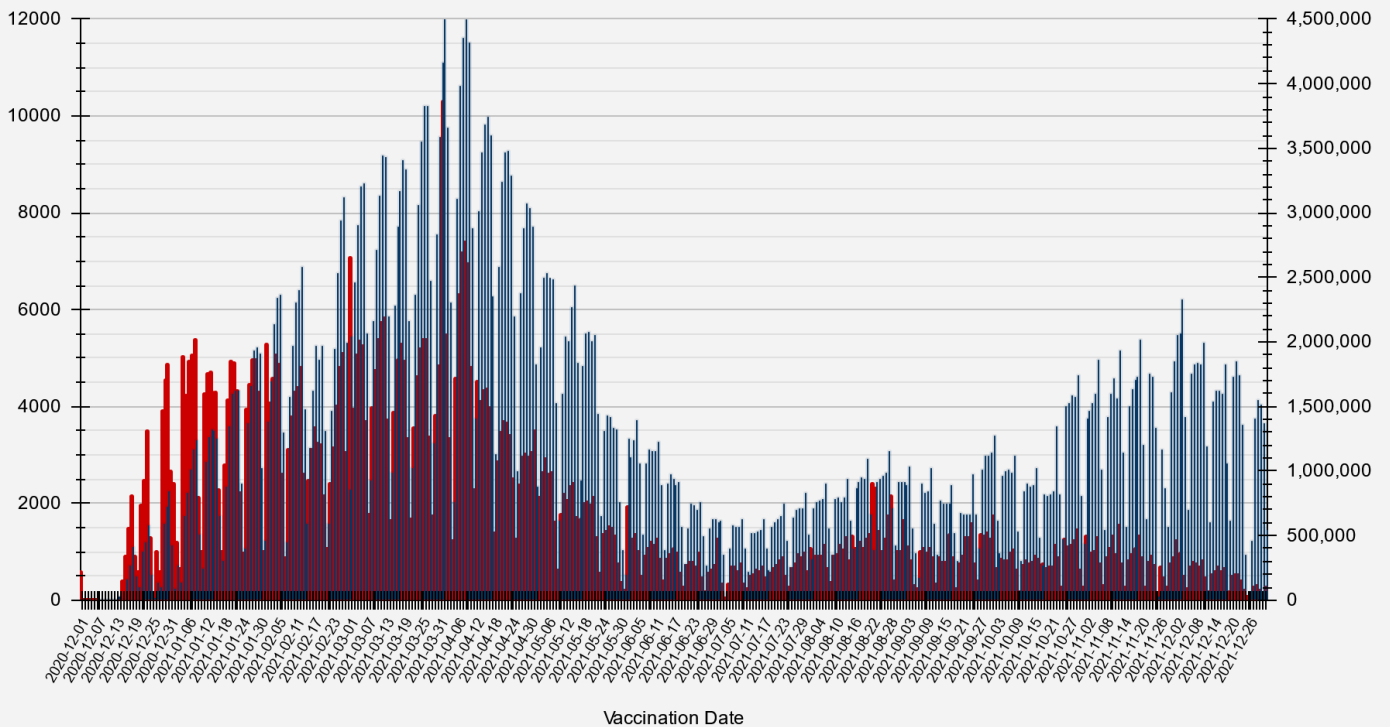
(2/5/21 - 1/7/22)



## 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

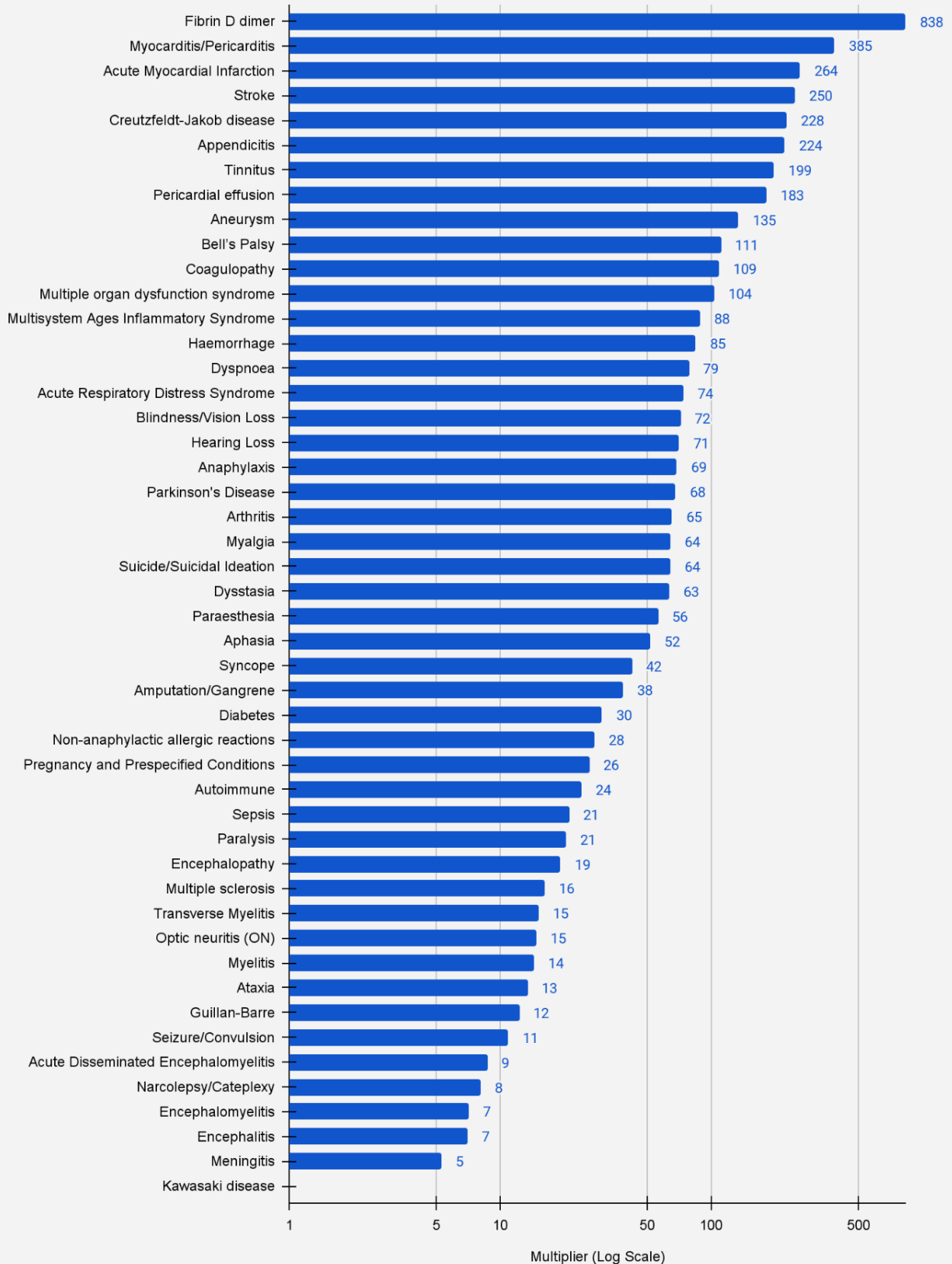
The following table lists the number of adverse events found in the VAERS data which match the outcomes listed above:

FDA listed symptom	Total (Non-Lethal) Adverse Events	Total Deaths
Guillain-Barre	2035	35
Acute Disseminated Encephalomyelitis	150	4
Transverse Myelitis	361	3
Encephalitis	1691	166
Convulsions/Seizures	12917	376
Stroke	12205	1106
Narcolepsy, Cataplexy	247	5
Anaphylaxis	42978	164
Acute Myocardial Infarction (Heart Attack)	3665	1089
Myocarditis/Pericarditis	15200	183
Autoimmune Disease	1198	24
Other Acute Demyelinating Diseases	274	3
Pregnancy and birth outcomes (Miscarriages)	3319	104
Other Allergic Reactions	1905	3
Thrombocytopenia	4439	325
Disseminated Intravascular Coagulation	192	60
Venous Thromboembolism	18935	1061
Arthritis and Arthralgia/Joint Pain	66233	197
Kawasaki Disease	63	1
Systemic Inflammatory Response Syndrome	617	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>	5,627	1 in 29,808	0.003355%	33.55
<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	9,714	1 in 17,237	0.005801%	58.01
COVID19	167,733,972	539,748	1 in 311	0.3217%	3,217
<b>Risk of adverse reaction from COVID vaccine is 55 times greater than Flu Vaccine</b>					

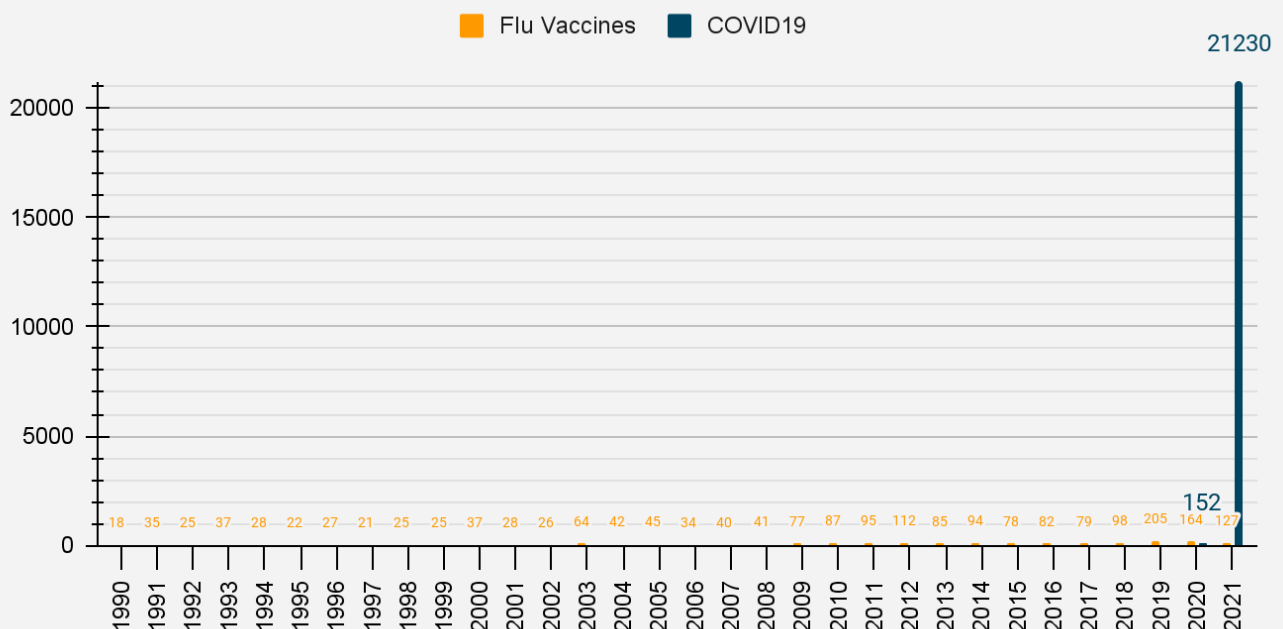
[1] number of flu vaccinations based on estimated flu vaccine coverage data from [CDC](#) and estimated population data from [US Census](#). Yearly flu vaccination data covers a period of time from 7/1 to 5/31 of the following year.

[2] number of covid19 vaccinations based on estimates from [Our World in Data](#)

[3] Persons vaccinated with at least one dose.

### Reported Deaths by Year, COVID19 vs. Flu Vaccines

Data Obtained from CDC's VAERS



## Vaccine Data by Manufacturer

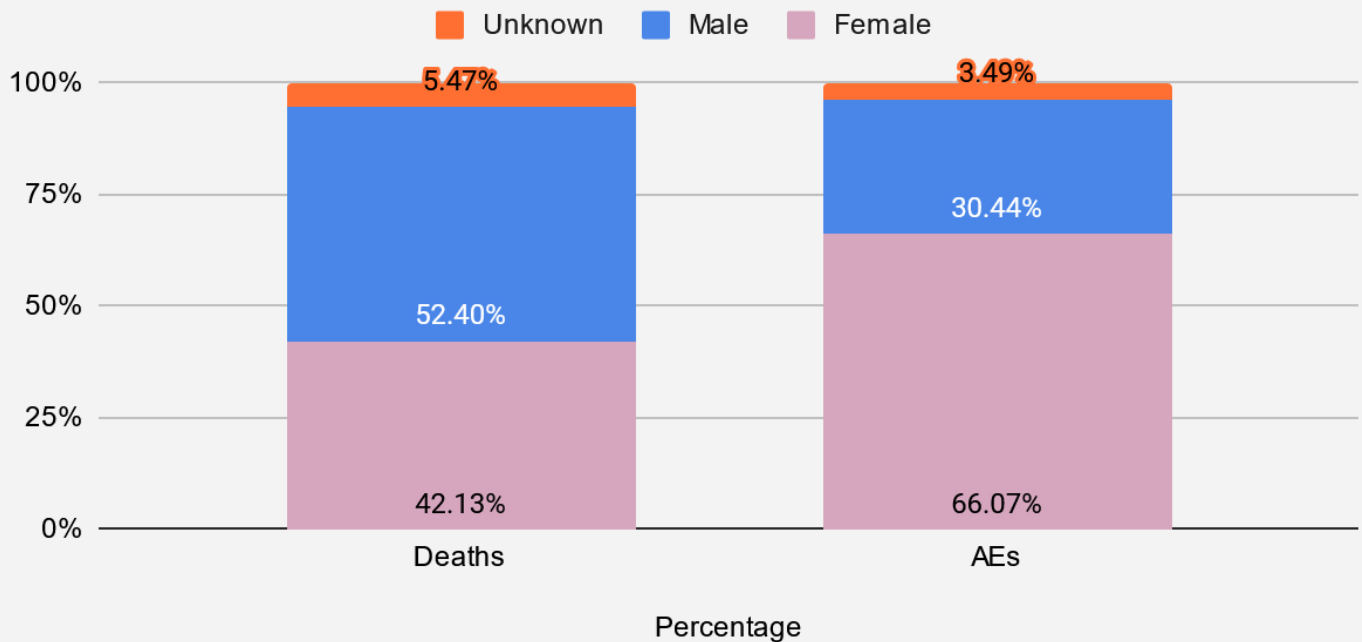
Manufacturer	# of Deaths	% Deaths	Average Deaths/Day	# US Deaths	# US Doses Administered	Average US Deaths/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	1857	8.68%	6.03	1203	17,739,932	67.81	308	2/26/21
Moderna	5200	24.3%	13.76	4054	196,396,103	20.64	378	12/18/20
Pfizer/Biontech	14251	66.6%	37.02	4490	300,486,092	14.94	385	12/11/20
Unknown	91	0.43%		40	540,740			

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)	74972	7.36%	243.42	63801	17,739,932	3596.46	308	2/26/21
Moderna	371782	36.49%	983.55	329457	196,396,103	1677.51	378	12/18/20
Pfizer/Biontech	569,584	55.91%	1479.44	322281	300,486,092	1072.53	385	12/11/20
Unknown	2467	0.24%		1595	540,740			

## Vaccine Data by Gender

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

All Data Obtained from CDC's VAERS

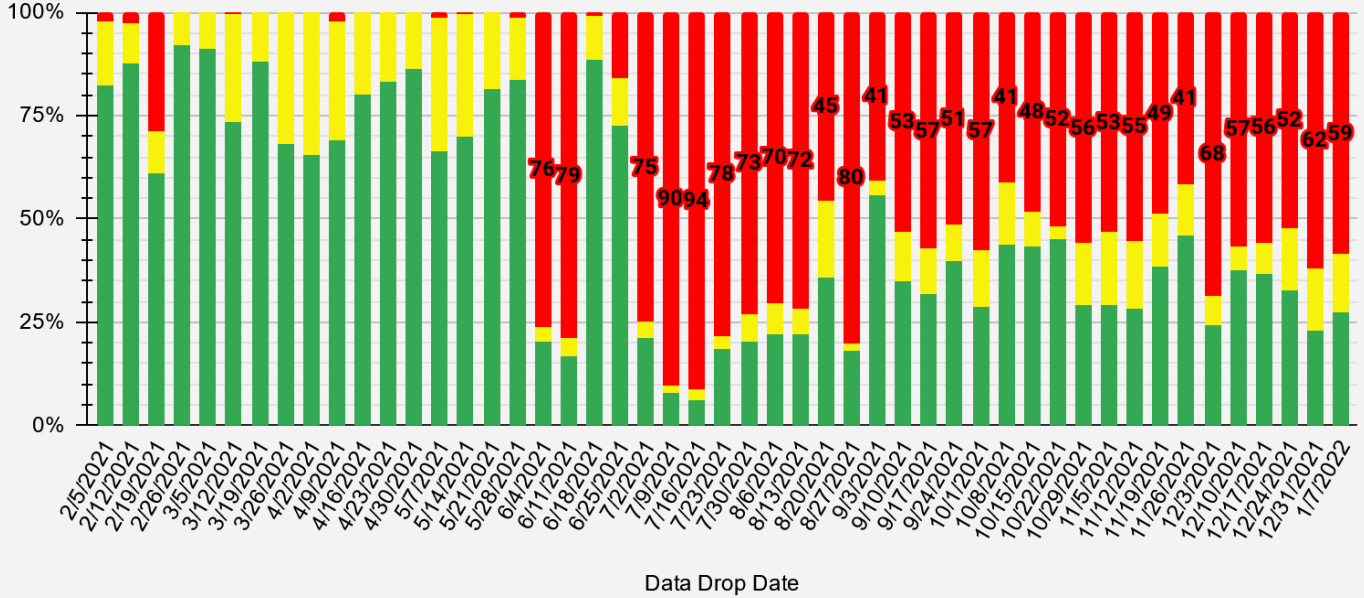


# Vaccine Data by Location

## Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS

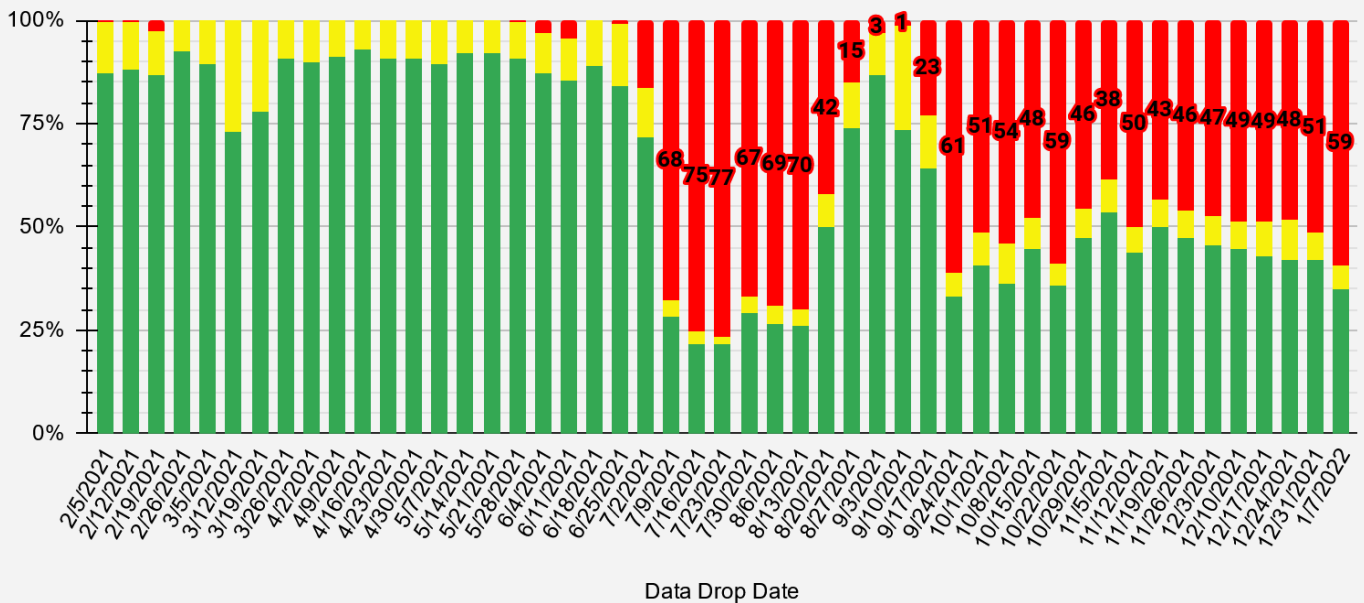
Foreign % Unknown % US %



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

All Data Obtained from CDC's VAERS

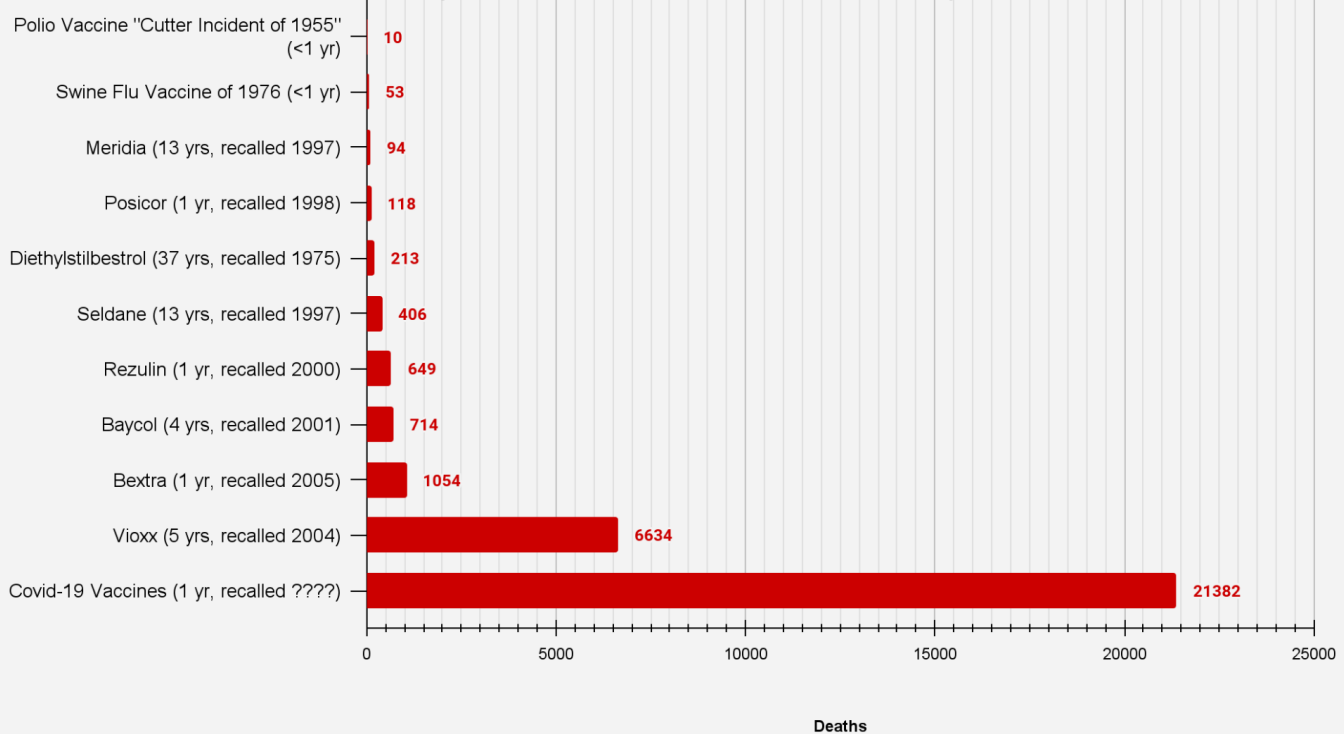
Foreign % Unknown % US %



## 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>