

# VAERS Summary for COVID-19 Vaccines through 11/05/2021

All charts and tables below reflect the data release on 11/12/2021 from the VAERS website, which includes U.S. and foreign data, and is updated through: **11/05/2021**.

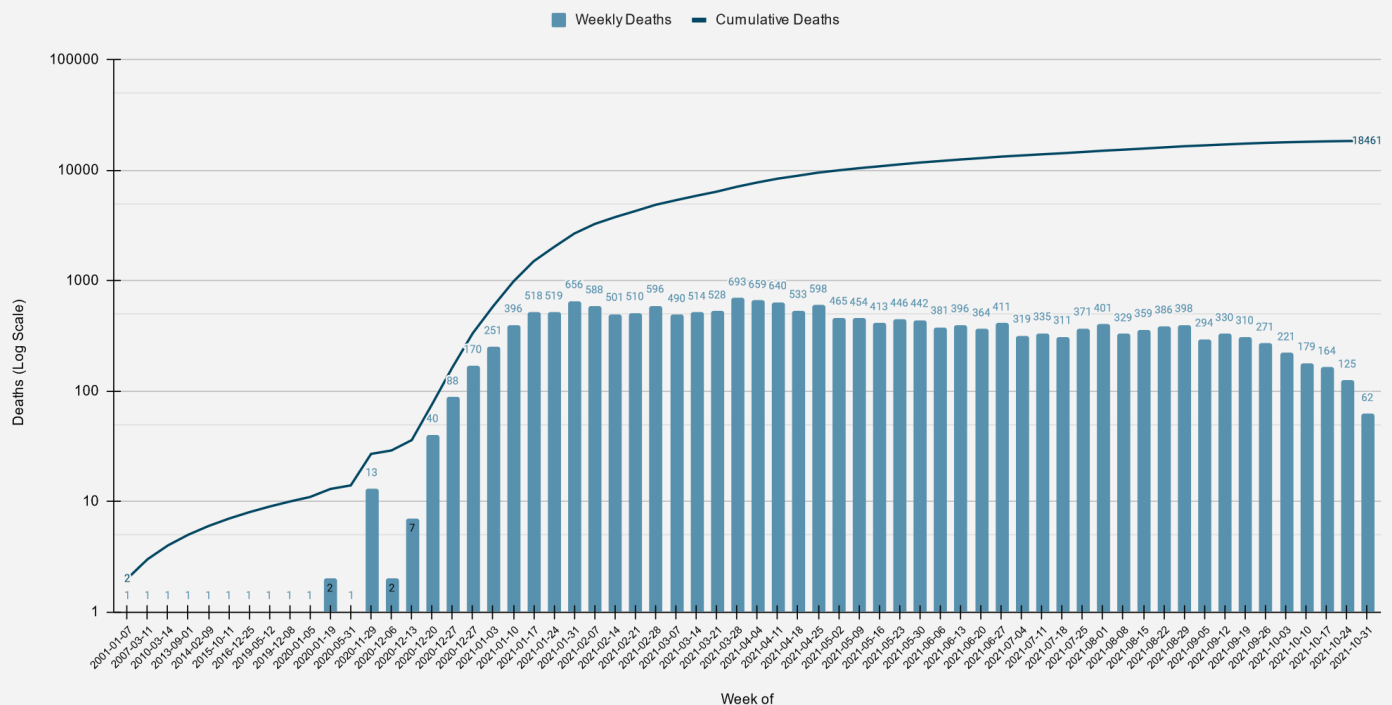
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	875,653	849,110	643,957	743,182
Number of Life-Threatening Events	20,643	13,923	9,882	9,813
Number of Hospitalizations	91,982	80,526	39,629	38,519
Number of Deaths	18,461*	9,223*	8,456	5,182
# of Permanent Disabilities after vaccination	29,104	20,114	9,770	12,639
Number of Office Visits	136,784	46,912	123,126	45,267
# of Emergency Room/Department Visits	97,659	211,294	80,688	202,120
# of Birth Defects after vaccination	632	158	377	97

\*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

### Reported Deaths by Week, COVID19 Vaccines

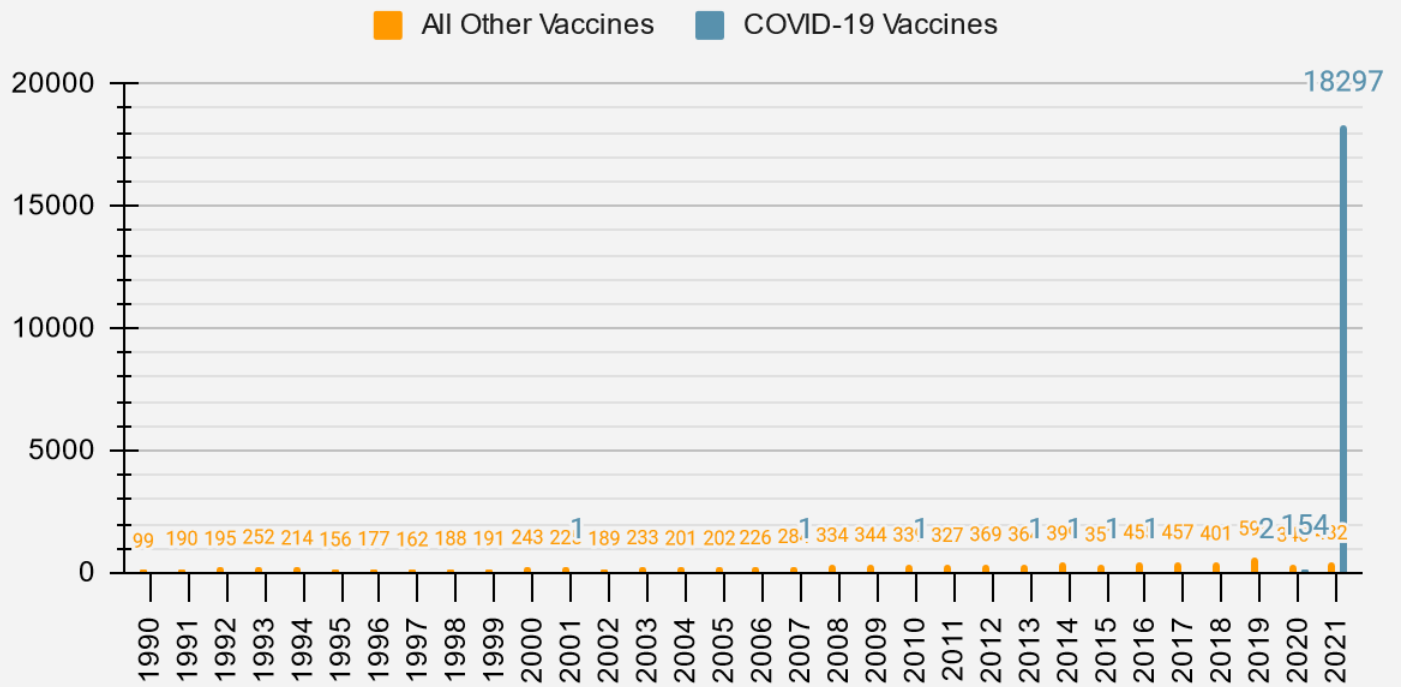
Data Obtained from CDC's VAERS



[Note that the single counts before 2020-11-29 are due to incorrect date data in the VAERS system]

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

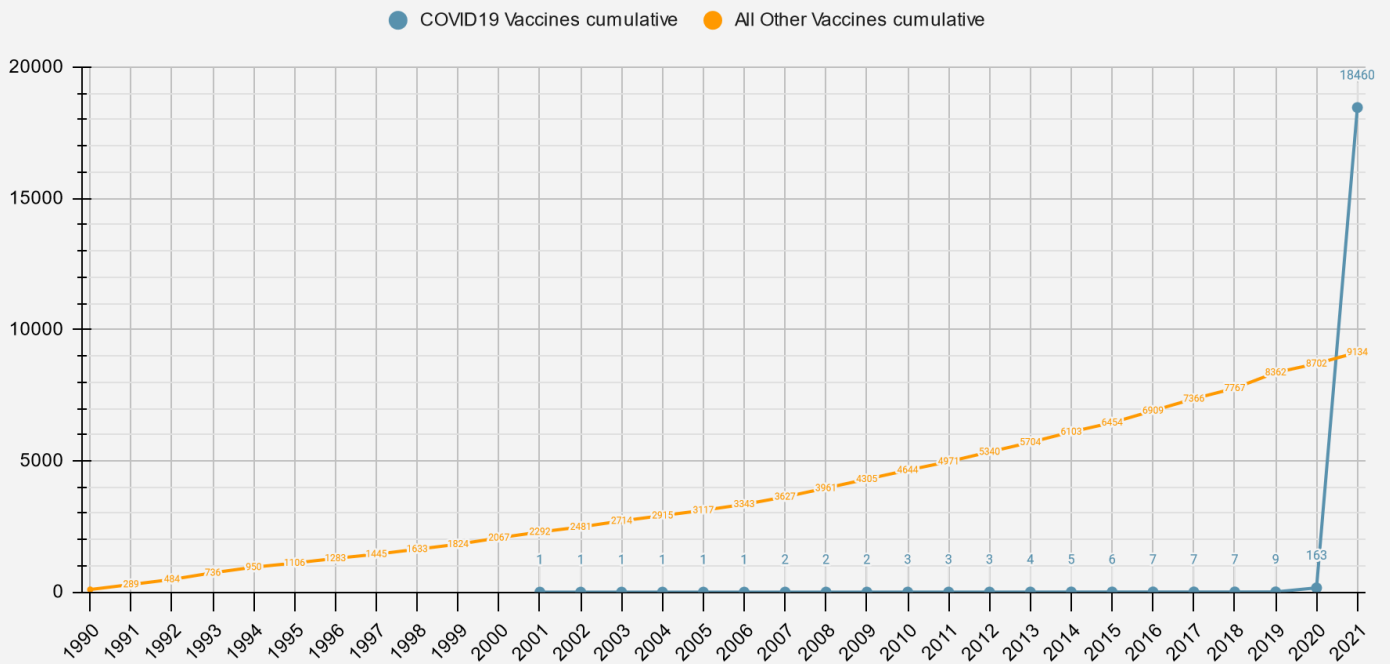
Data Obtained from CDC's VAERS



[Note that COVID19 counts for years before 2020 are due to incorrect date data in the VAERS system (including 1 not pictured due to date in 1921)]

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

Data Obtained from CDC's VAERS



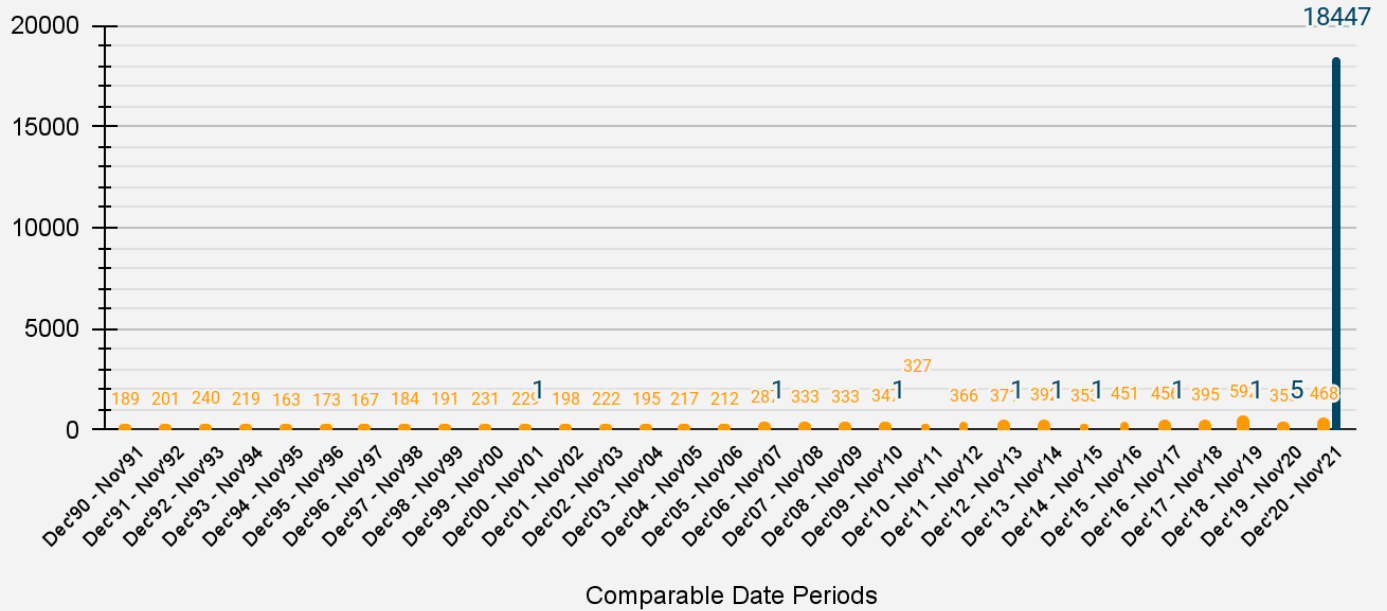
[1 COVID19 record not pictured due to incorrect date in 1921]

Chart below using comparable 10 month periods, since Covid-19 vaccines have only been available for approximately 10 months:

## Reported Deaths by Comparable Date Periods, COVID19 vs. All Other Vaccines

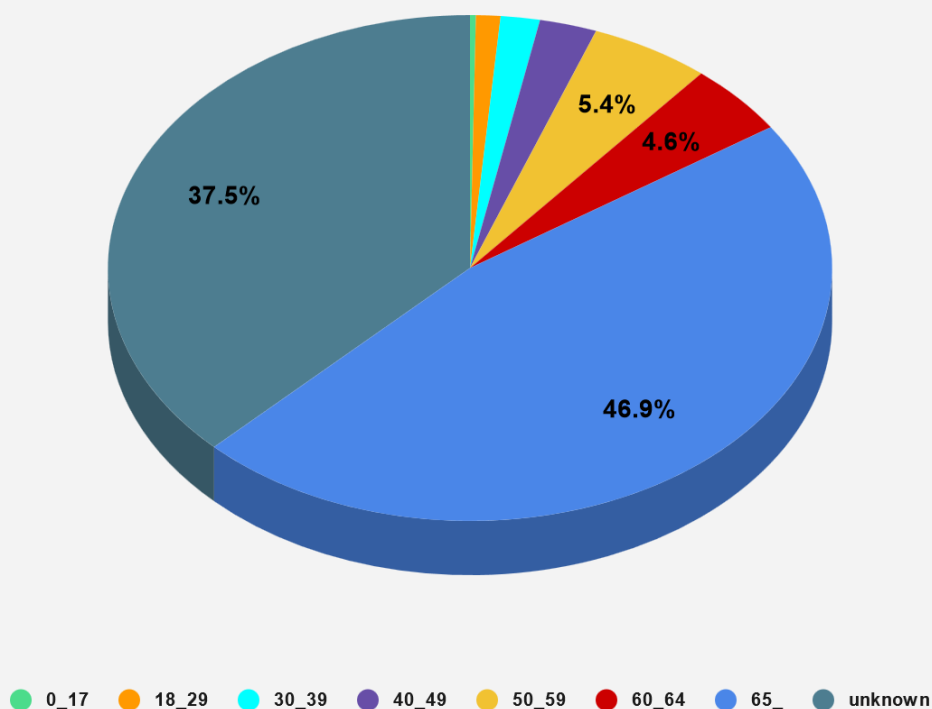
Data obtained from CDC's VAERS

■ All Other Vaccines ■ COVID19 Vaccines



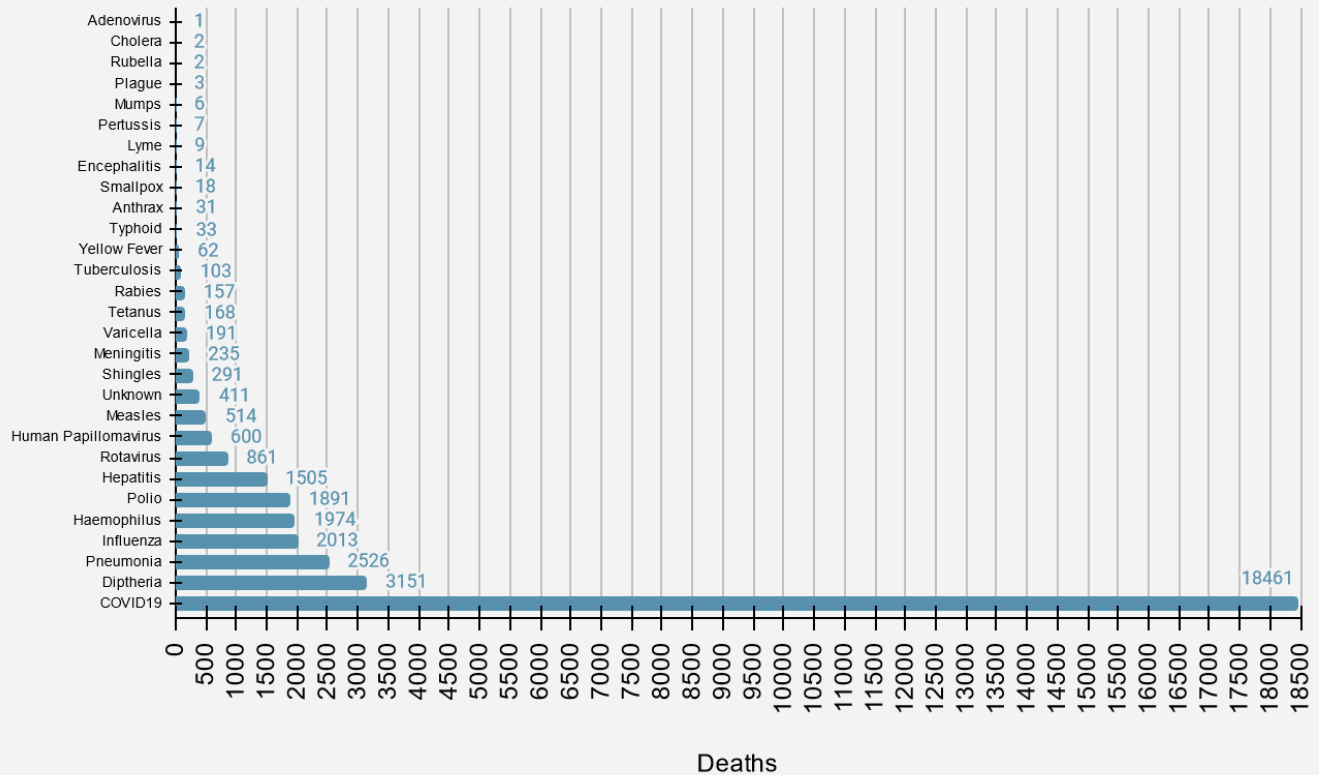
## Age Distribution of Reported Deaths After COVID19 Vaccination

Data obtained from CDC's VAERS



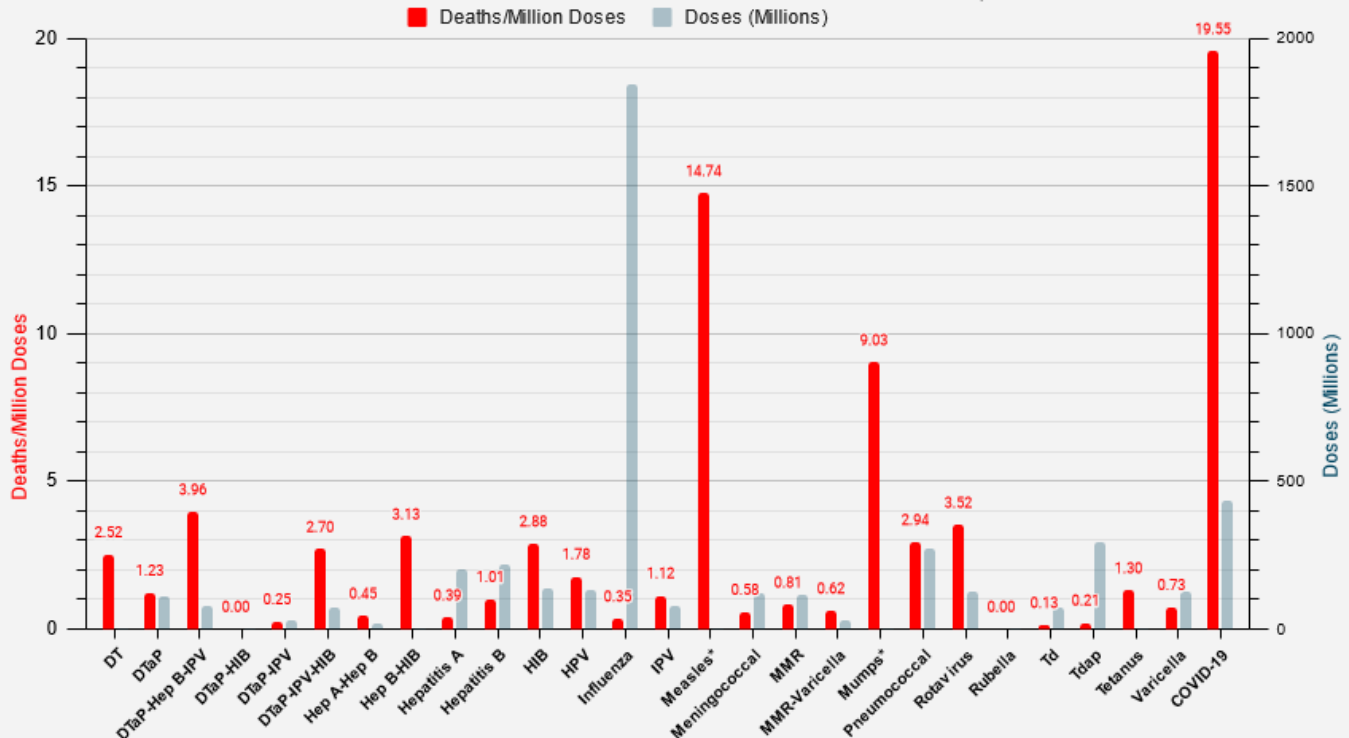
# Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



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

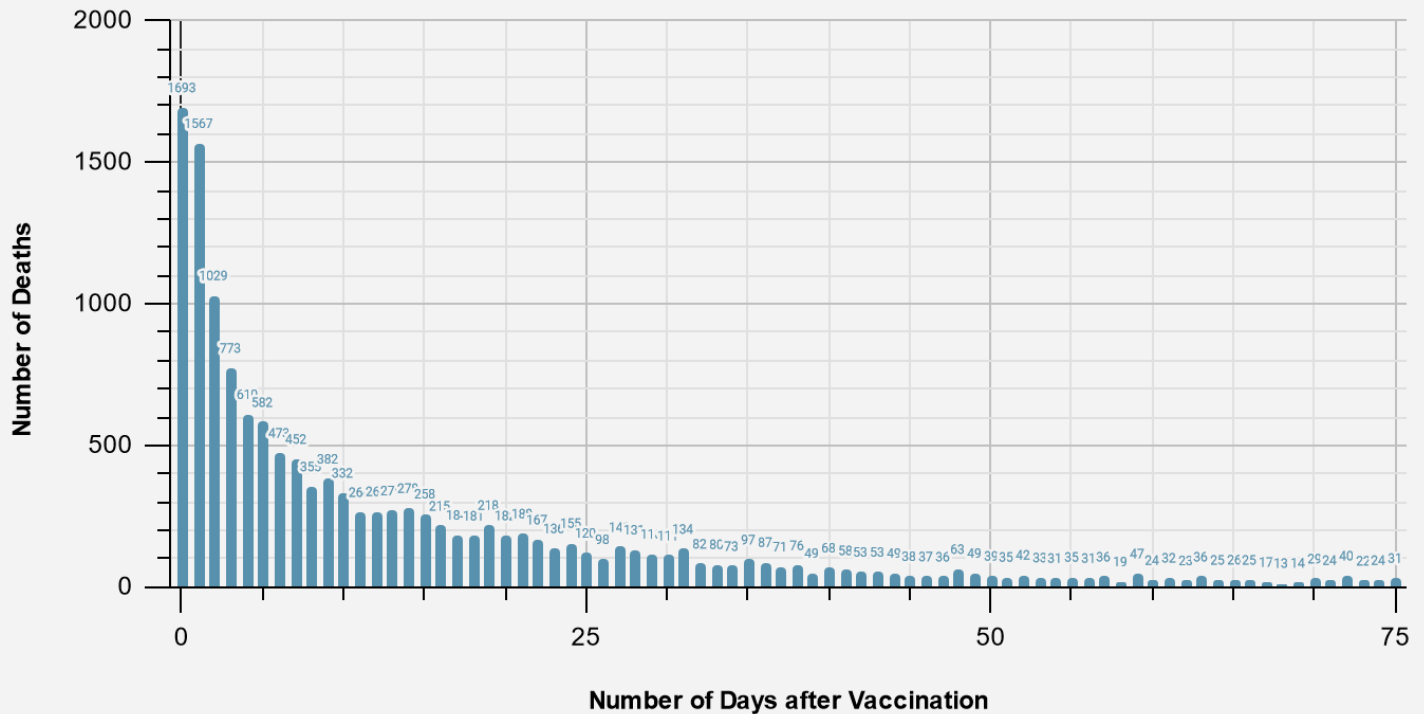
Data Obtained from CDC's VAERS and NVICP data & statistics report



\*number of doses for Measles and Mumps are 2-3 orders of magnitude less than others

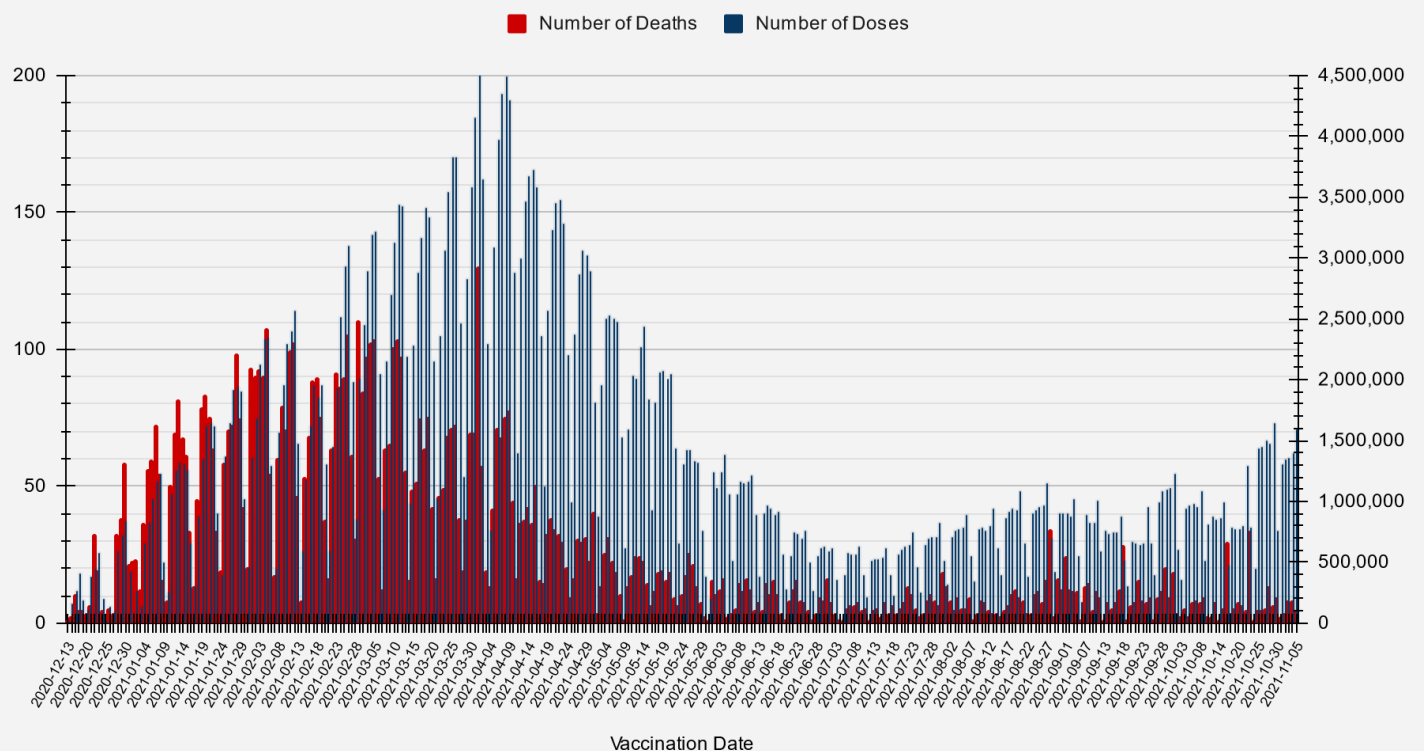
# Number of Deaths by Days After COVID19 Vaccination

Data obtained from CDC's VAERS



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

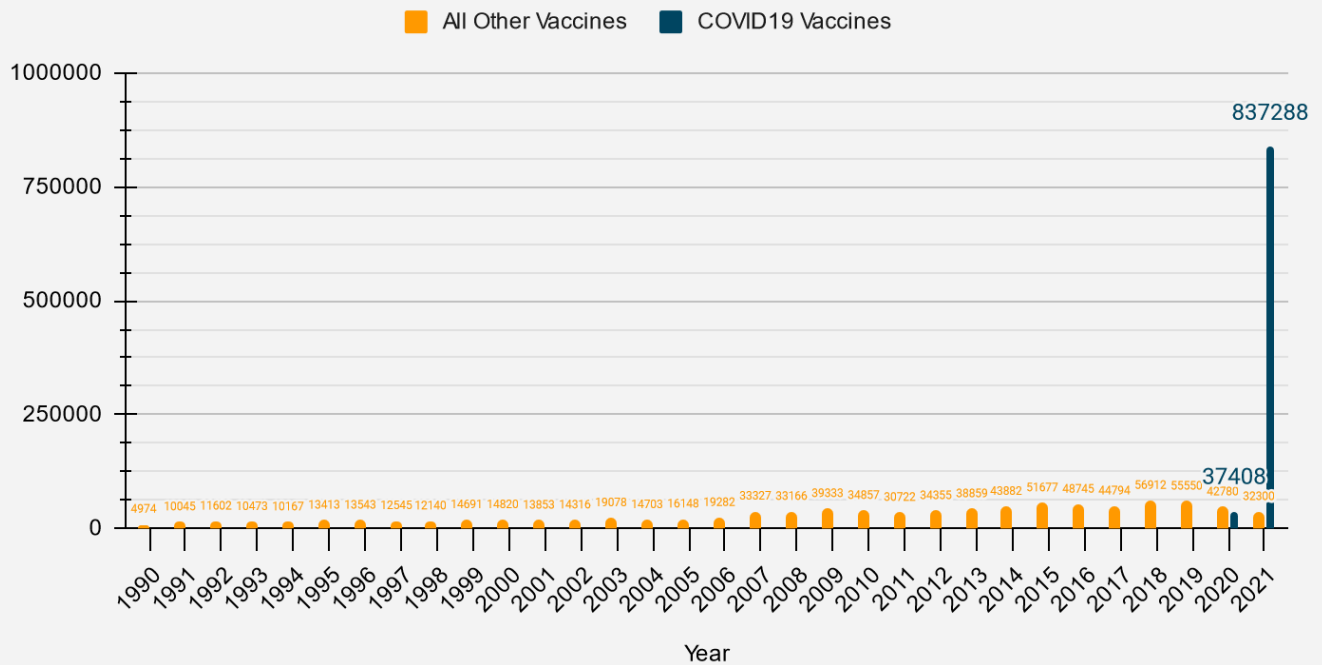
Data Obtained from CDC's VAERS & CDC



## Adverse Events

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

Data obtained from CDC's VAERS

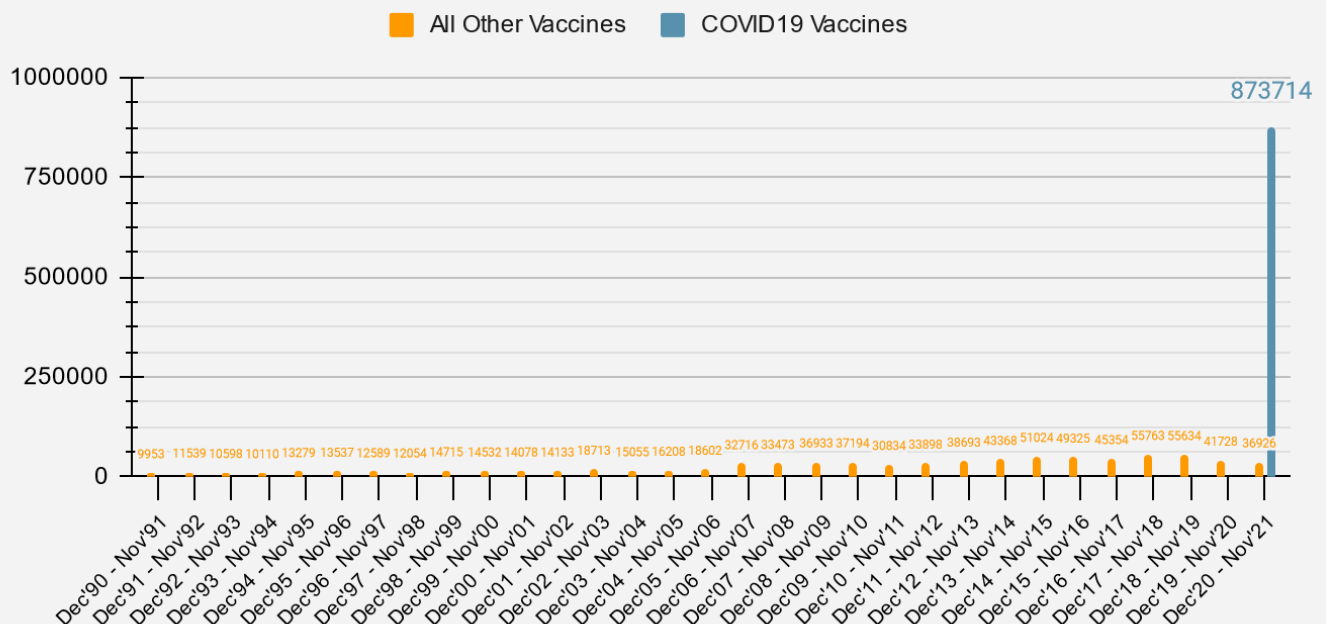


[Note that 957 records for COVID19 were scattered throughout years earlier than 2020 due to incorrect date data in the VAERS system]

Chart below using comparable 10 month periods, since Covid-19 vaccines have only been available for approximately 10 months:

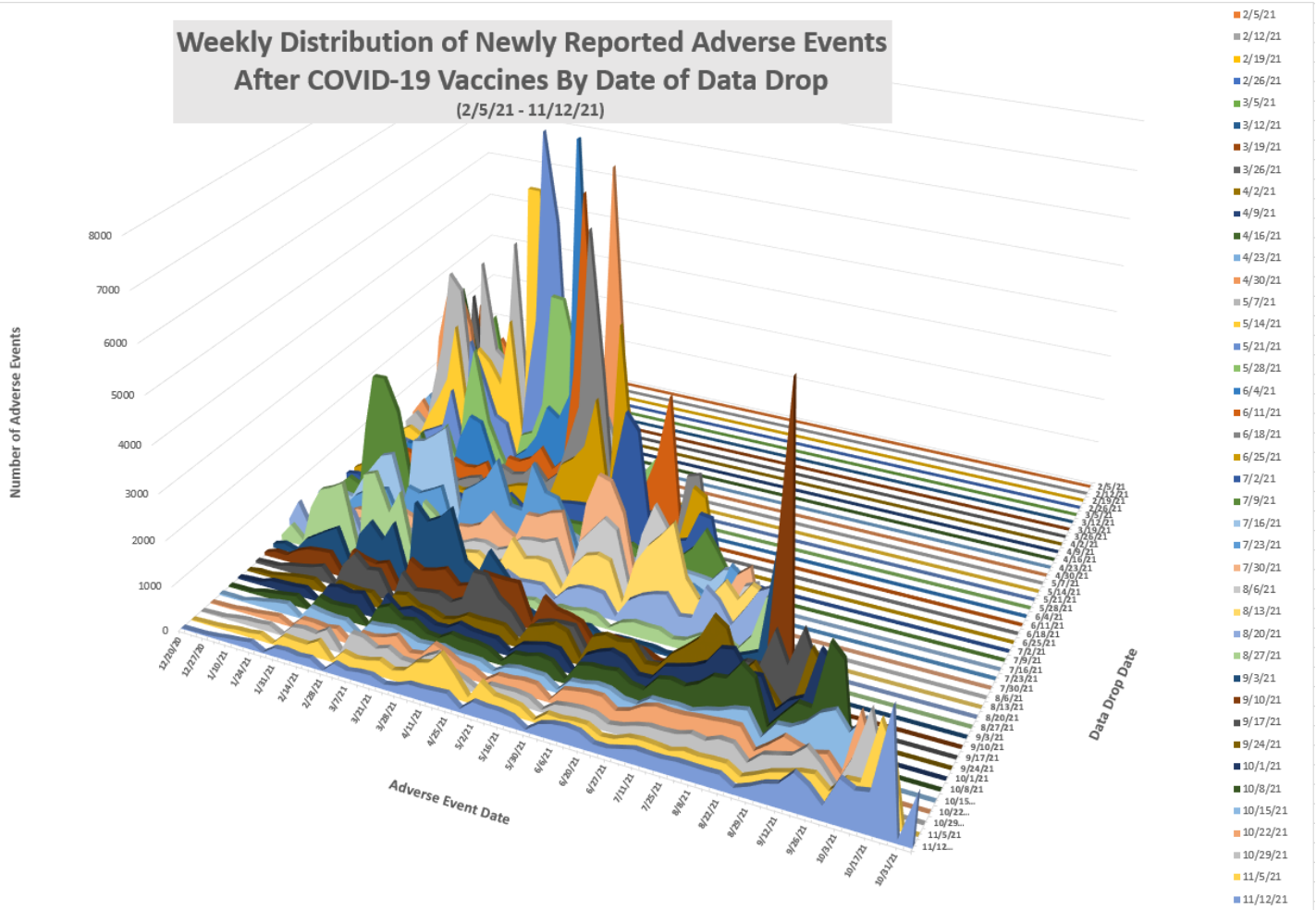
### Reported Adverse Events by Comparable Date Period, COVID19 vs. All Other Vaccines

Data Obtained from CDC's VAERS



[Note that 1939 records for COVID19 were scattered throughout periods earlier than Dec'20-Oct'21 due to incorrect date data in the VAERS system]

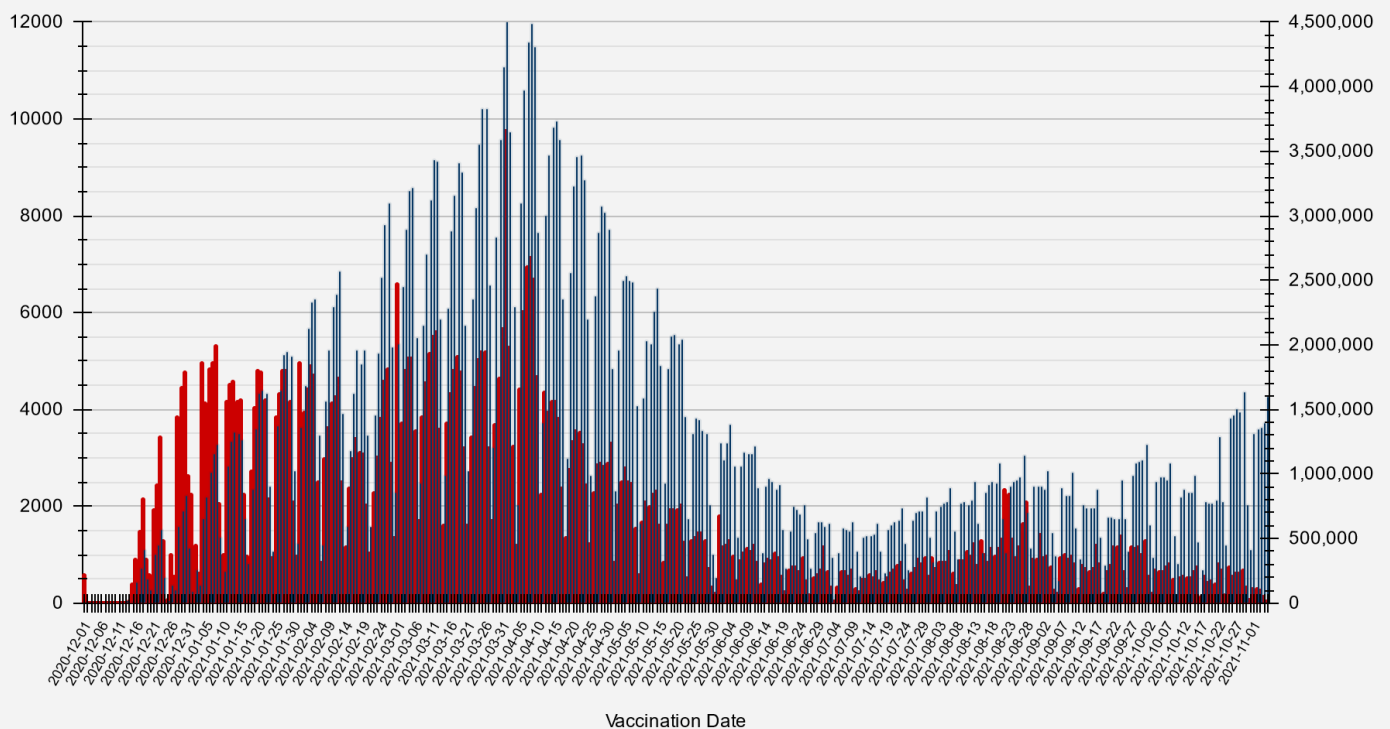
## Weekly Distribution of Newly Reported Adverse Events After COVID-19 Vaccines By Date of Data Drop (2/5/21 - 11/12/21)



## 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/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

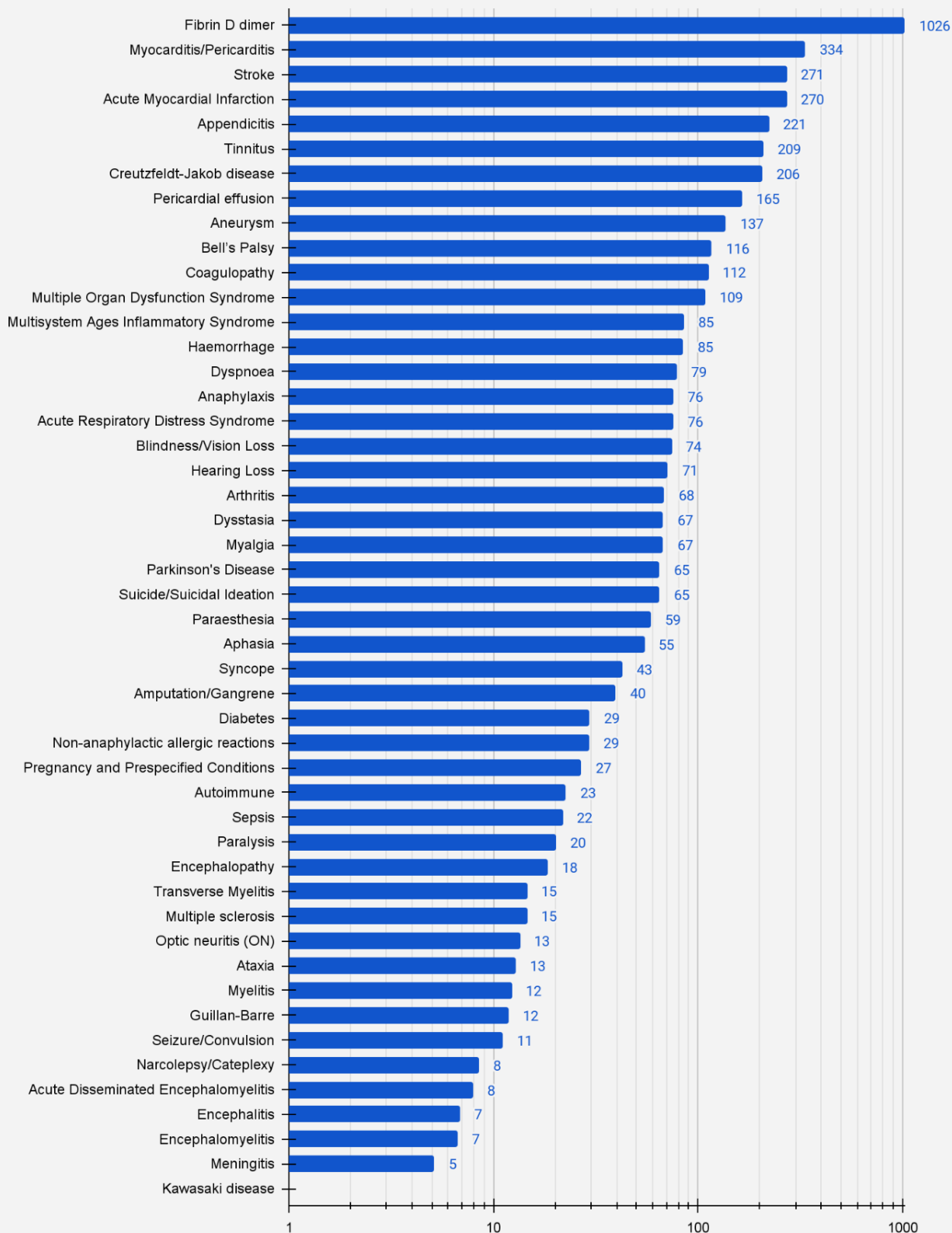
The following table lists the number of adverse events found in the VAERS data which match the outcomes listed above:

FDA listed symptom	Total (Non-Lethal) Adverse Events	Total Deaths
Guillain-Barre	1661	28
Acute Disseminated Encephalomyelitis	115	3
Transverse Myelitis	295	2
Encephalitis	1358	133
Convulsions/Seizures	11092	325
Stroke	10428	960
Narcolepsy, Cataplexy	220	4
Anaphylaxis	38439	152
Acute Myocardial Infarction (Heart Attack)	2999	933
Myocarditis/Pericarditis	10449	130
Autoimmune Disease	943	20
Other Acute Demyelinating Diseases	218	3
Pregnancy and birth outcomes (Miscarriages)	2690	78
Other Allergic Reactions	1667	3
Thrombocytopenia	3680	279
Disseminated Intravascular Coagulation	160	45
Venous Thromboembolism	16125	892
Arthritis and Arthralgia/Joint Pain	57659	173
Kawasaki Disease	40	1
Systemic Inflammatory Response Syndrome	496	35



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

(Data from VAERS through 11/5/21)



## 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>	32	1 in 5,232,739	0.000019%	.19
COVID19	167,733,972 <sup>[2]</sup>	5,519	1 in 30,392	0.003290%	32.90
<b>Risk of dying from COVID vaccine is 172.2 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	9,704	1 in 17,256	0.005795%	57.95
COVID19	167,733,972	522,890	1 in 321	0.3117%	3,117
<b>Risk of adverse reaction from COVID vaccine is 53.8 times greater than Flu Vaccine</b>					

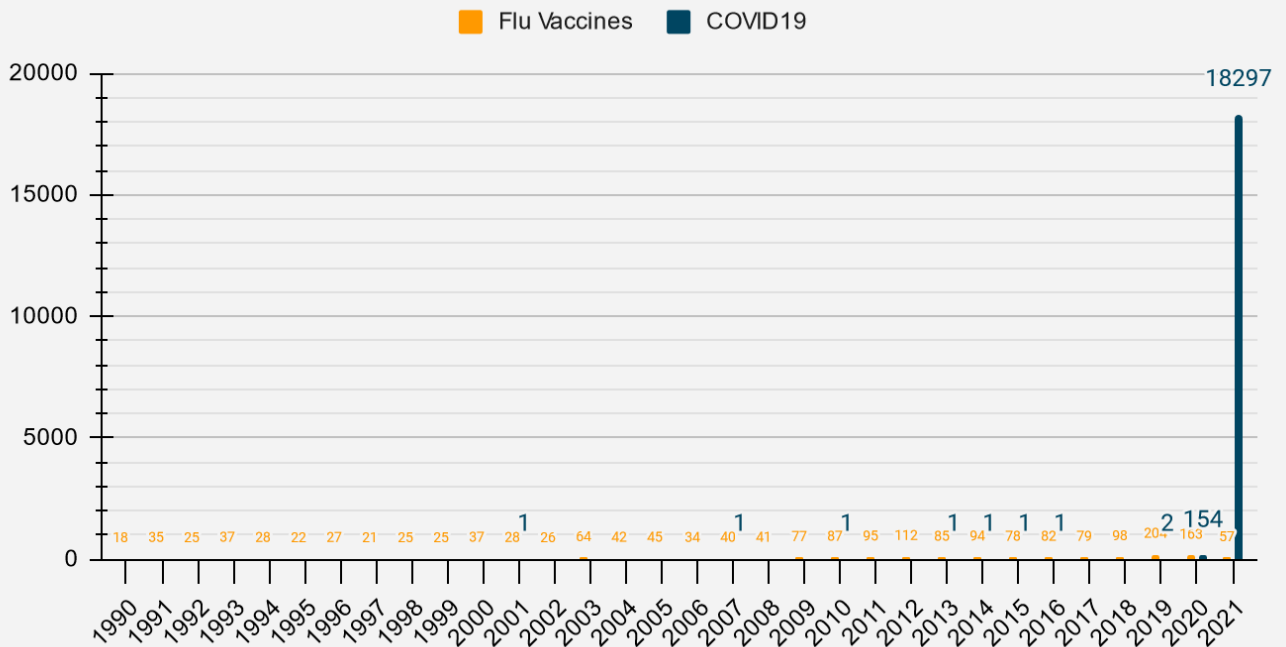
[1] number of flu vaccinations based on estimated flu vaccine coverage data from [CDC](#) and estimated population data from [US Census](#). Yearly flu vaccination data covers a period of time from 7/1 to 5/31 of the following year.

[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

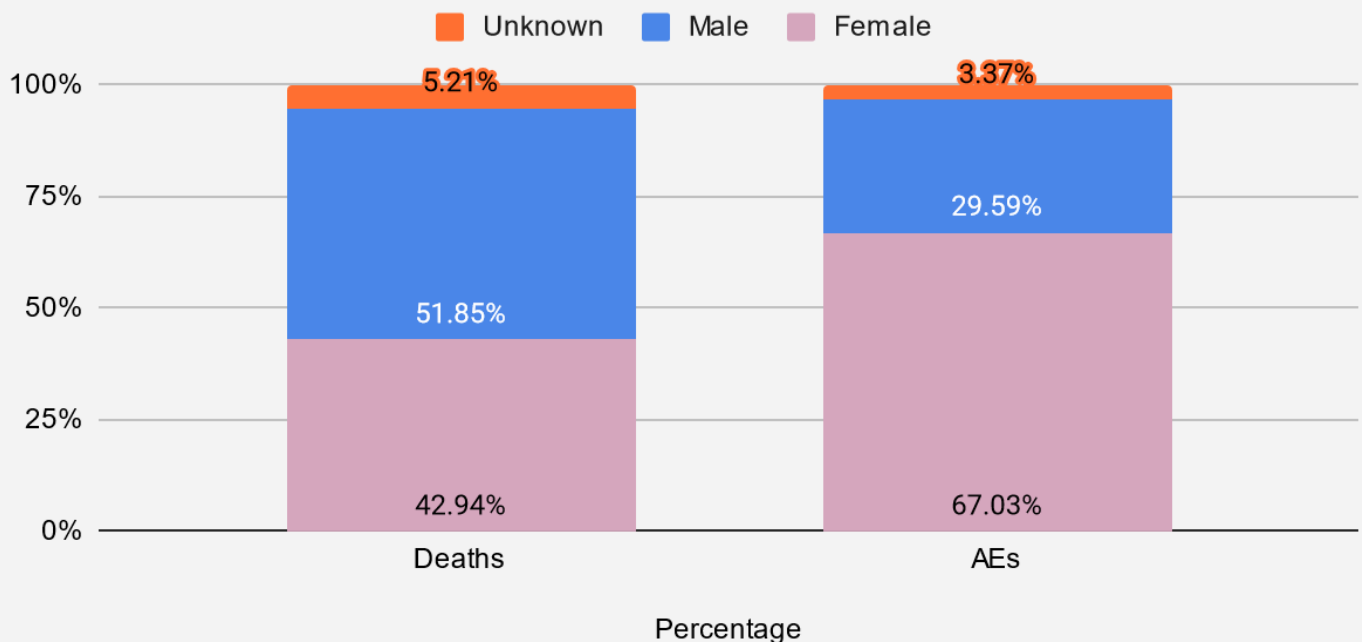
Manufacturer	# of Deaths	% Deaths	Average Deaths/Day	# US Deaths	# US Doses Administered	Average US Deaths/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	1484	8.03%	5.89	953	16,015,198	59.51	252	2/26/21
Moderna	4503	24.38%	13.98	3580	164,985,307	21.7	322	12/18/20
Pfizer/Biontech	12417	67.22%	37.74	3892	253,035,590	15.38	329	12/11/20
Unknown	68	0.37%		38	450,794			

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)	66546	7.59%	264.07	58325	16,015,198	3641.85	252	2/26/21
Moderna	328502	37.46%	1020.19	298243	164,985,307	1807.69	322	12/18/20
Pfizer/Biontech	479987	54.74%	1458.93	287012	253,035,590	1134.28	329	12/11/20
Unknown	1864	0.21%		1443	450,794			

## Vaccine Data by Gender

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

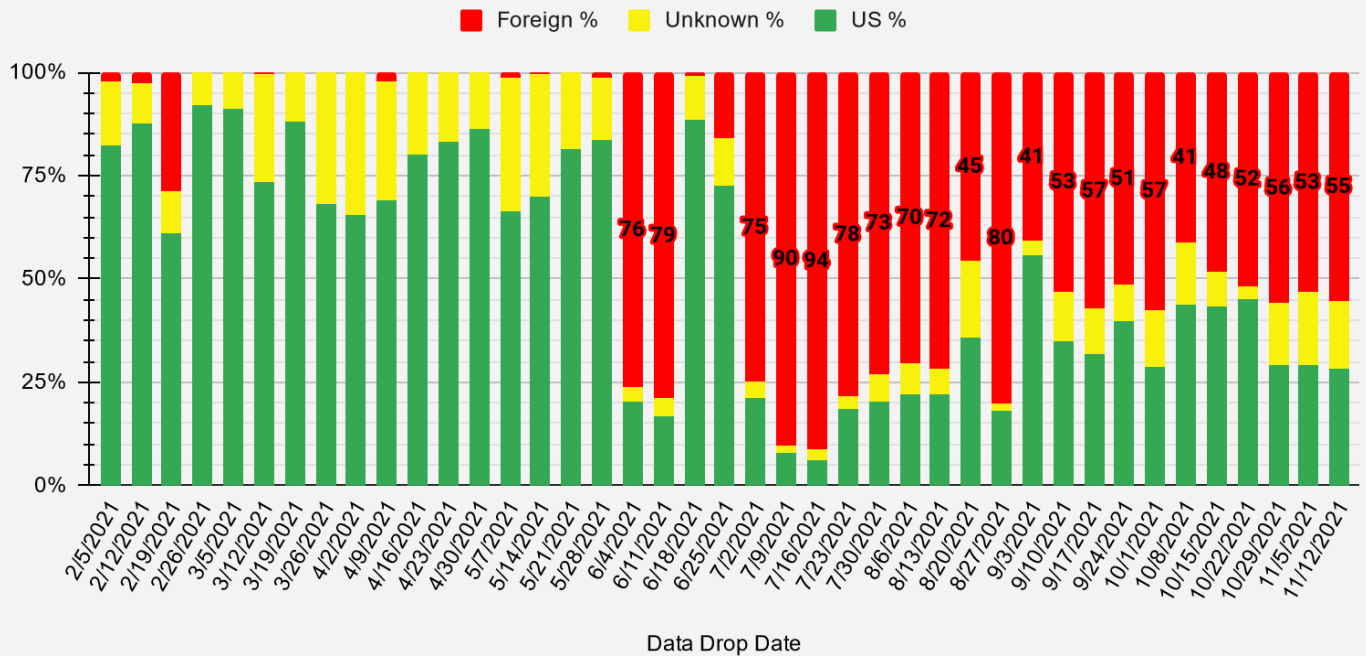
All Data Obtained from CDC's VAERS



## Vaccine Data by Location

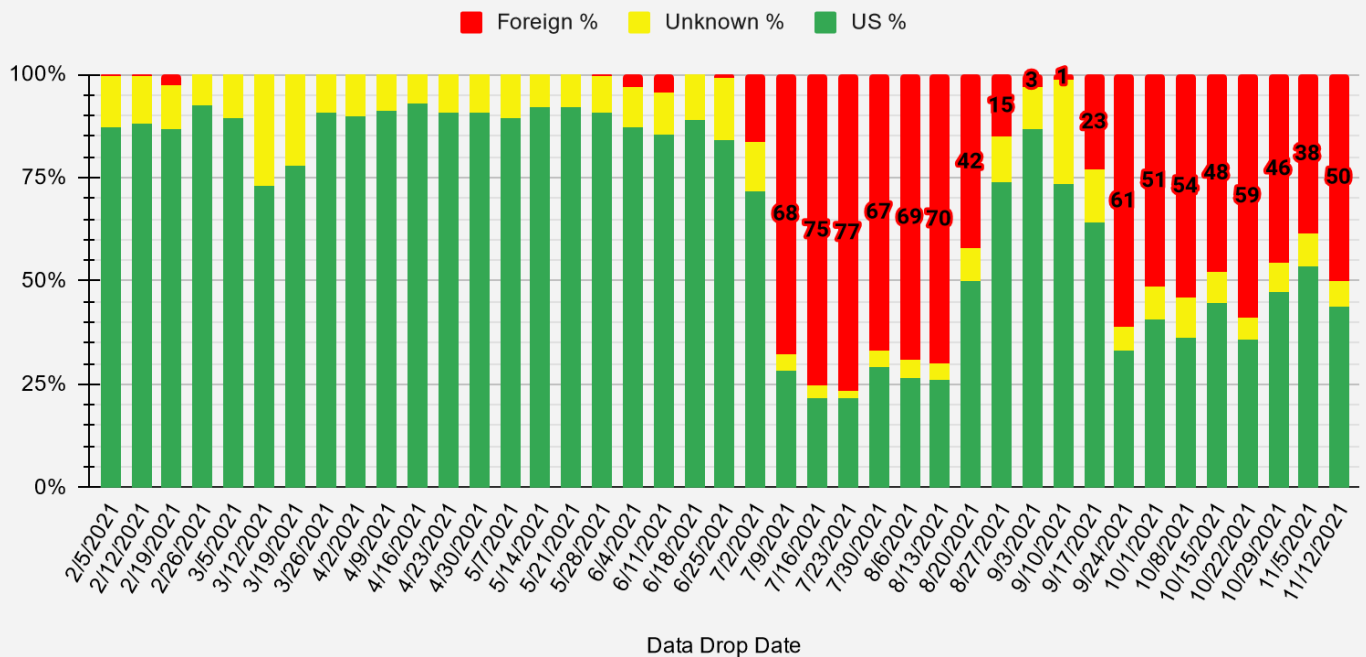
### Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS



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

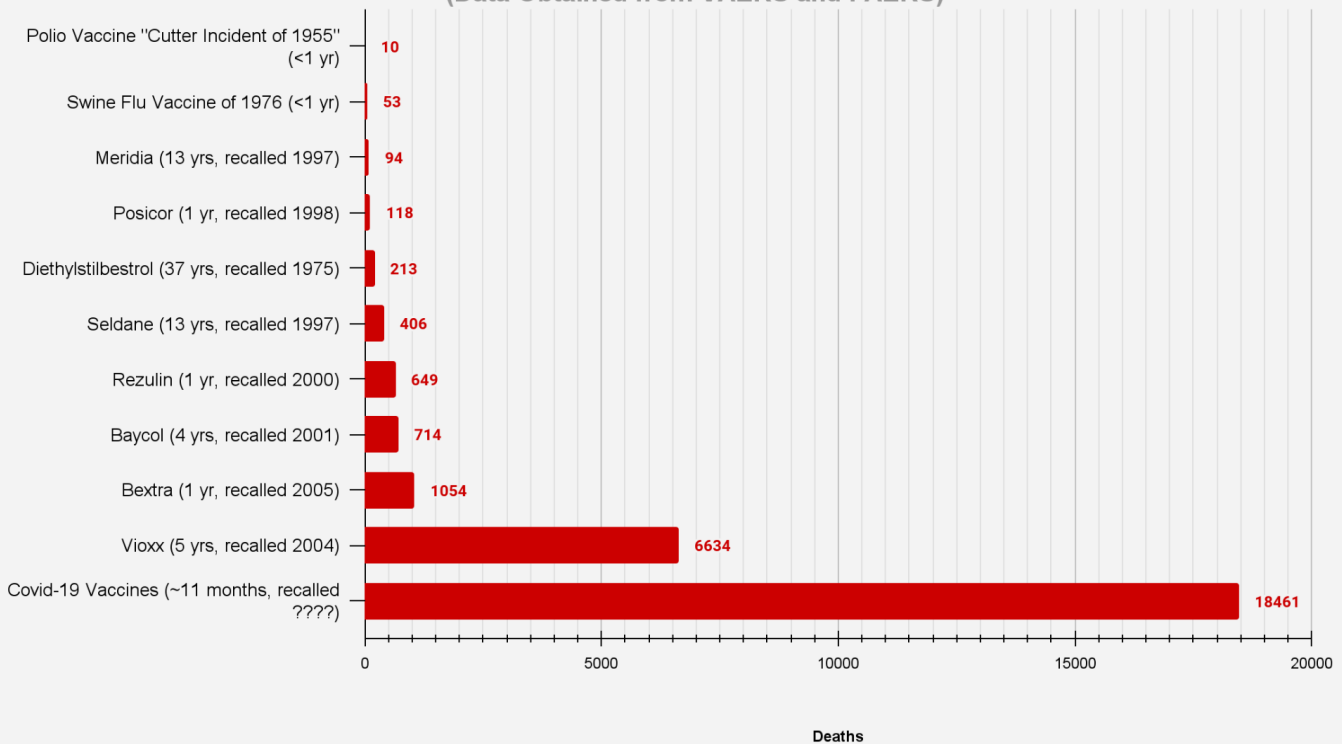
All Data Obtained from CDC's VAERS



## Recall History

### Reported Deaths for Major Drug/Vaccine Recalls

(Data Obtained from VAERS and FAERS)



## 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>