

# VAERS Summary for COVID-19 Vaccines through 11/12/2021

All charts and tables below reflect the data release on 11/19/2021 from the VAERS website, which includes U.S. and foreign data, and is updated through: **11/12/2021**.

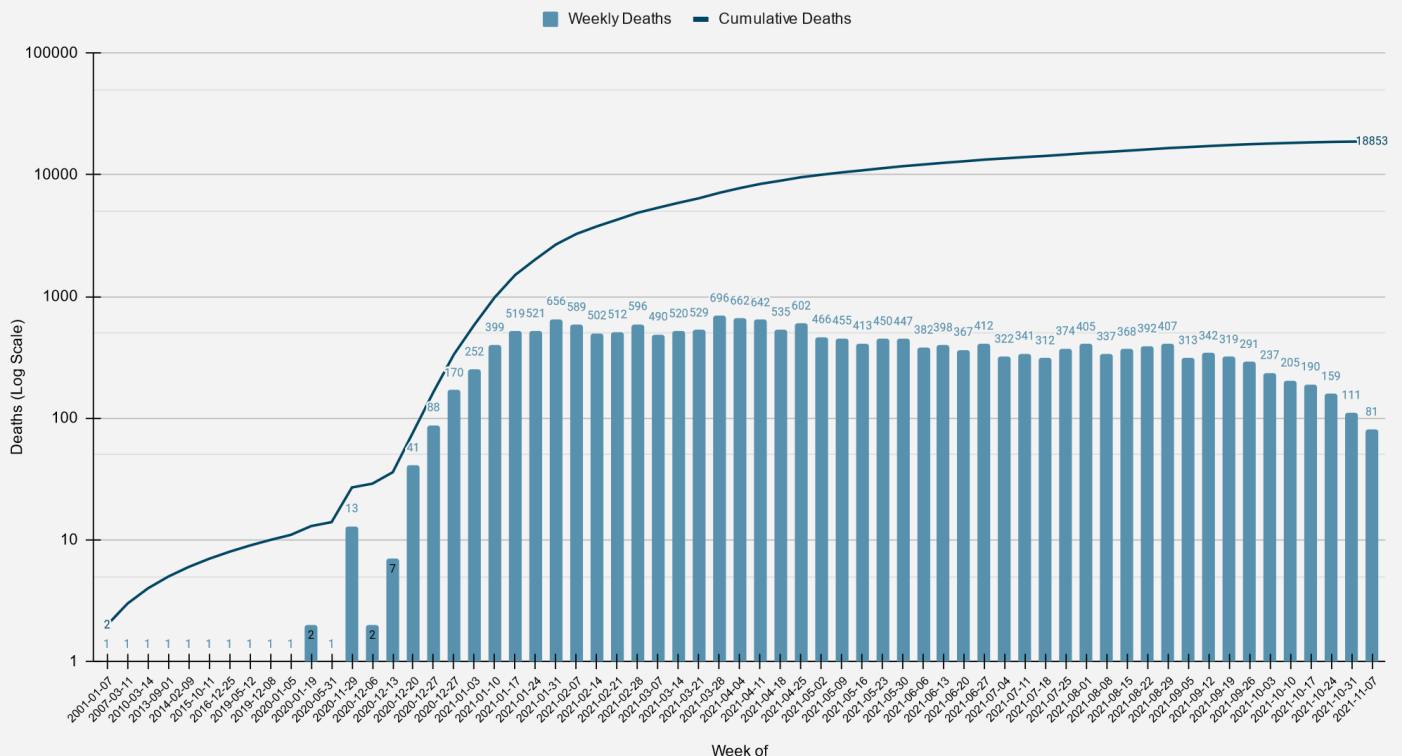
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	894,145	853,049	654,413	744,940
Number of Life-Threatening Events	21,088	14,053	10,030	9,832
Number of Hospitalizations	94,537	81,293	40,500	38,567
Number of Deaths	18,853*	9,249*	8,664	5,188
# of Permanent Disabilities after vaccination	30,010	20,289	9,999	12,671
Number of Office Visits	139,951	47,344	125,576	45,550
# of Emergency Room/Department Visits	99,414	211,510	81,854	202,228
# of Birth Defects after vaccination	658	168	388	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.

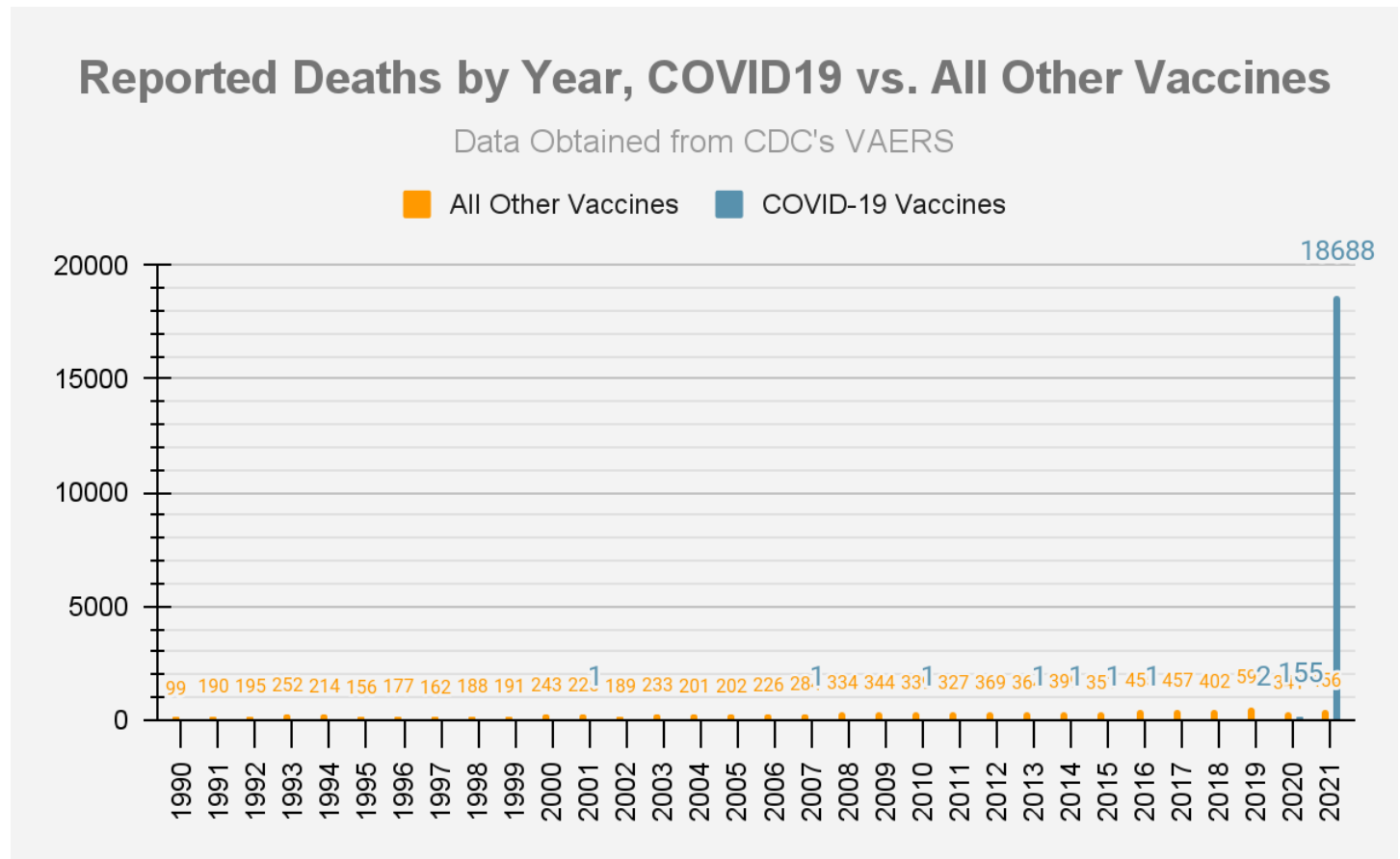
## Deaths

### Reported Deaths by Week, COVID19 Vaccines

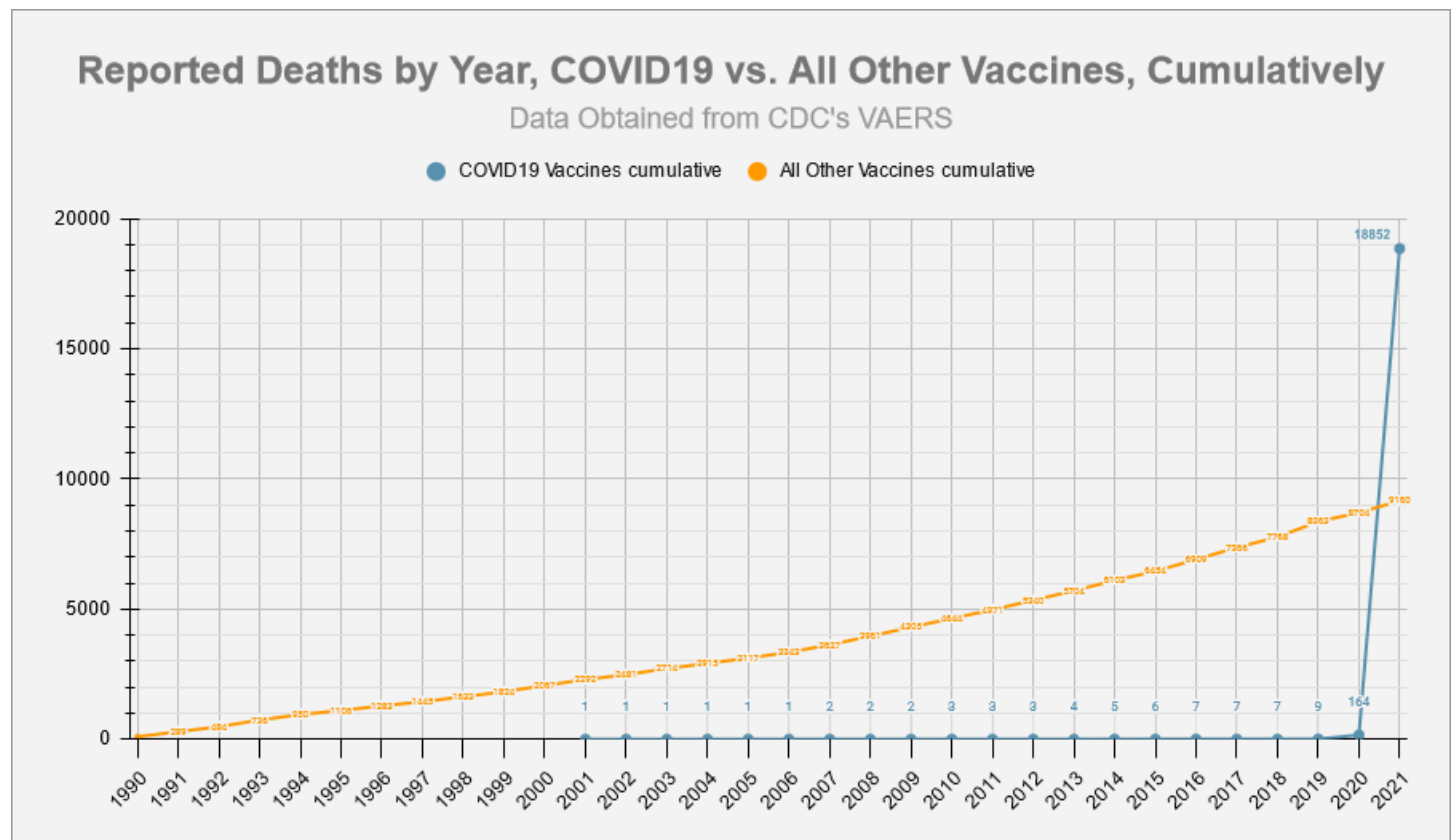
Data Obtained from CDC's VAERS



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



[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)]



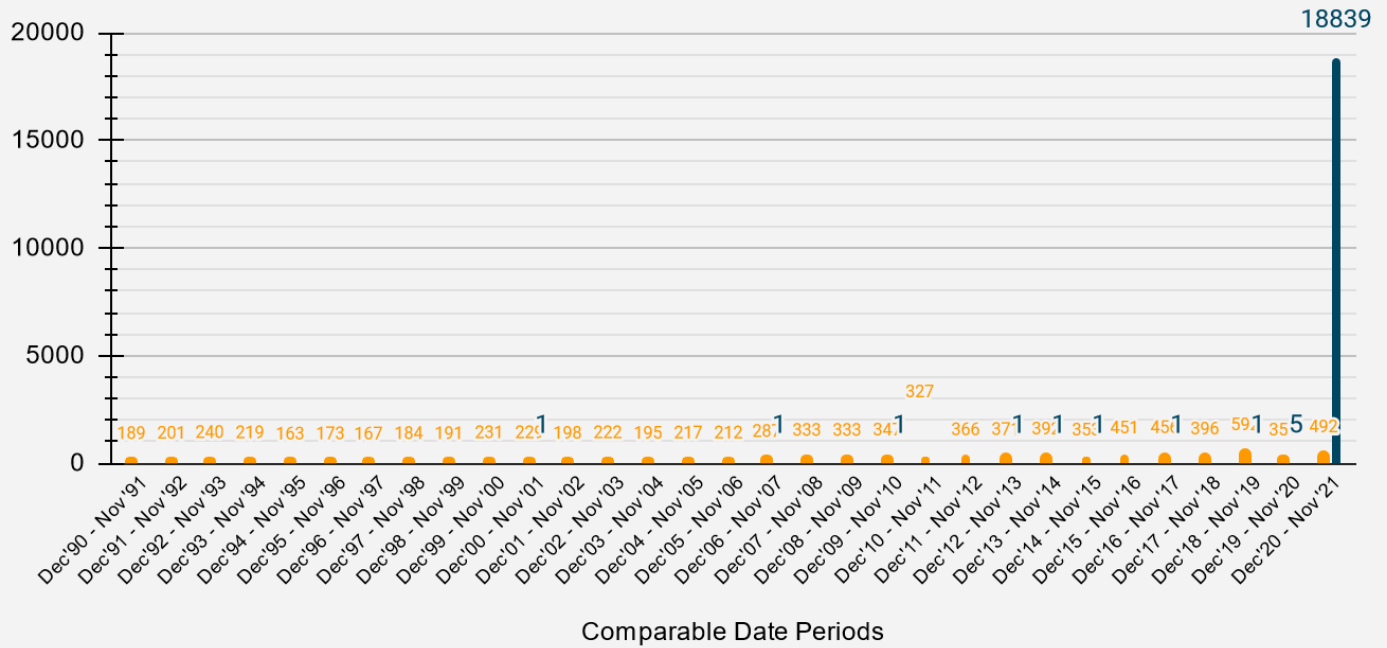
[1 COVID19 record not pictured due to incorrect date in 1921]

Chart below using comparable 11 month periods, since Covid-19 vaccines have only been available for approximately 11 months:

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

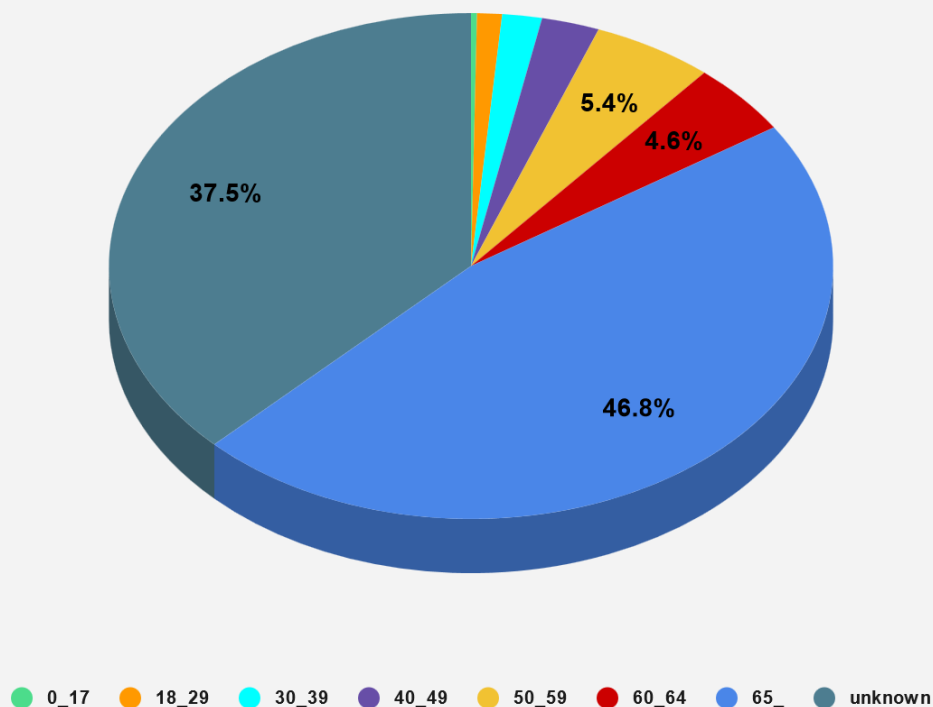
Data obtained from CDC's VAERS

All Other Vaccines COVID19 Vaccines



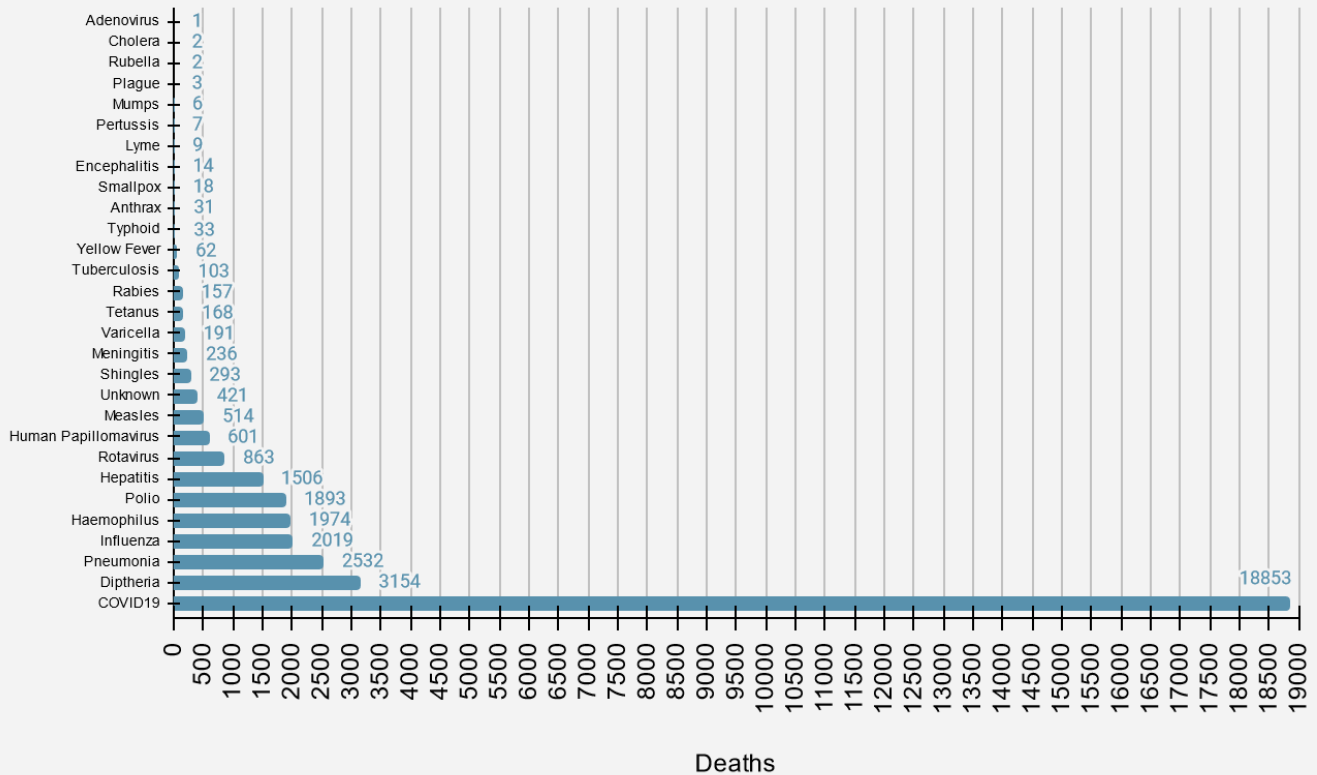
## Age Distribution of Reported Deaths After COVID19 Vaccination

Data obtained from CDC's VAERS



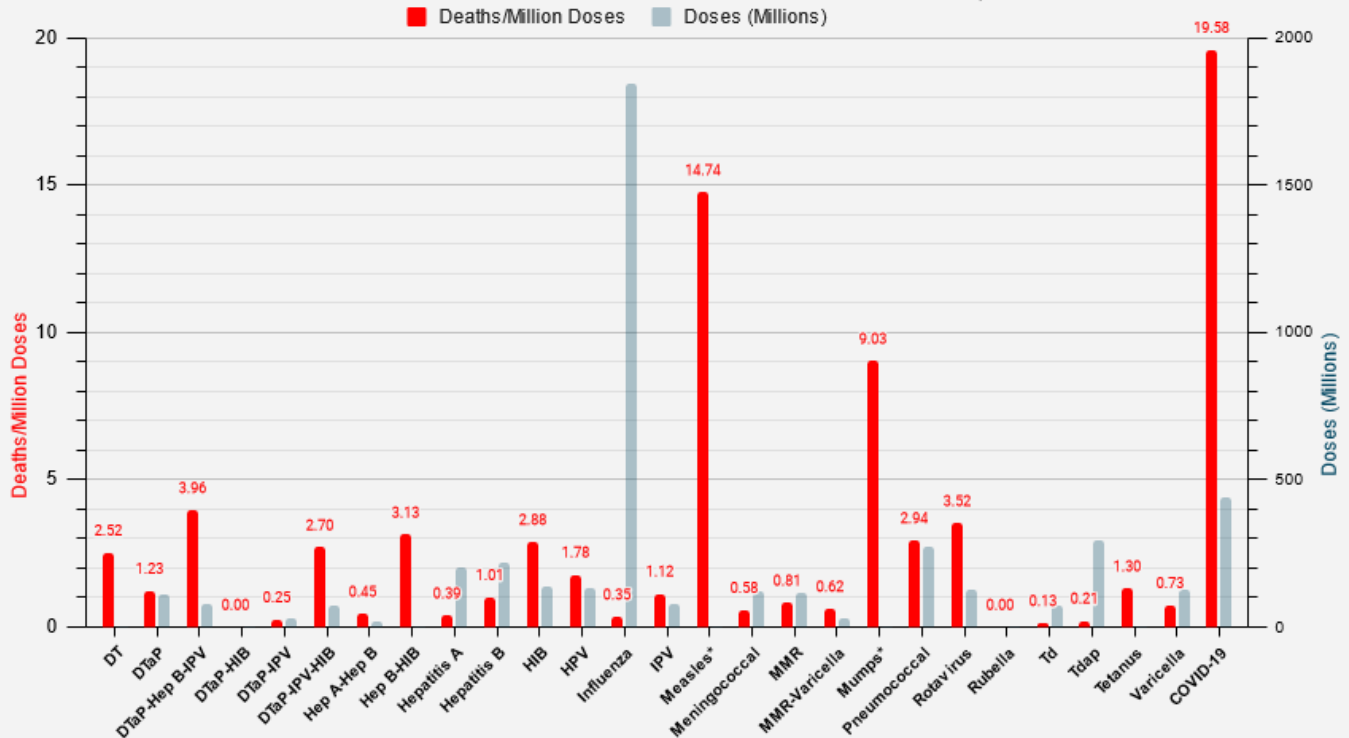
# Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



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

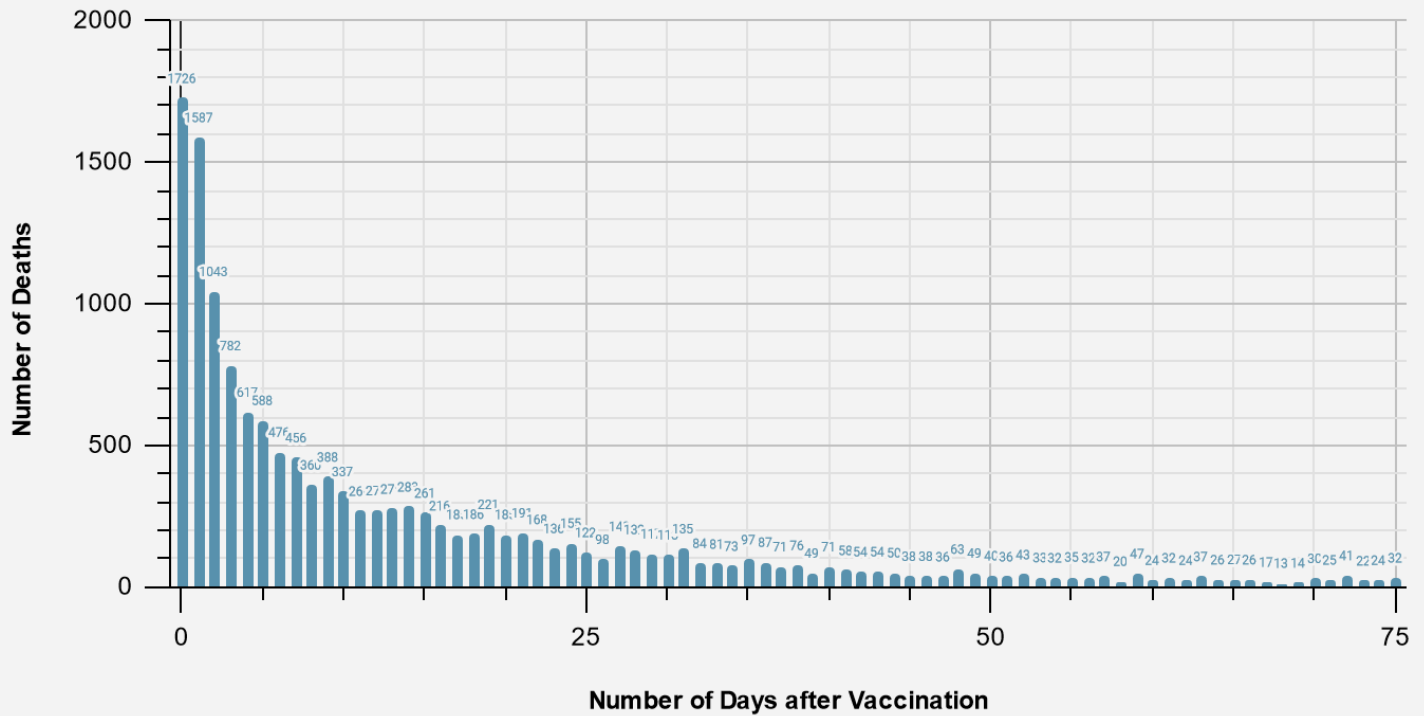
Data Obtained from CDC's VAERS and NVICP data & statistics report



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

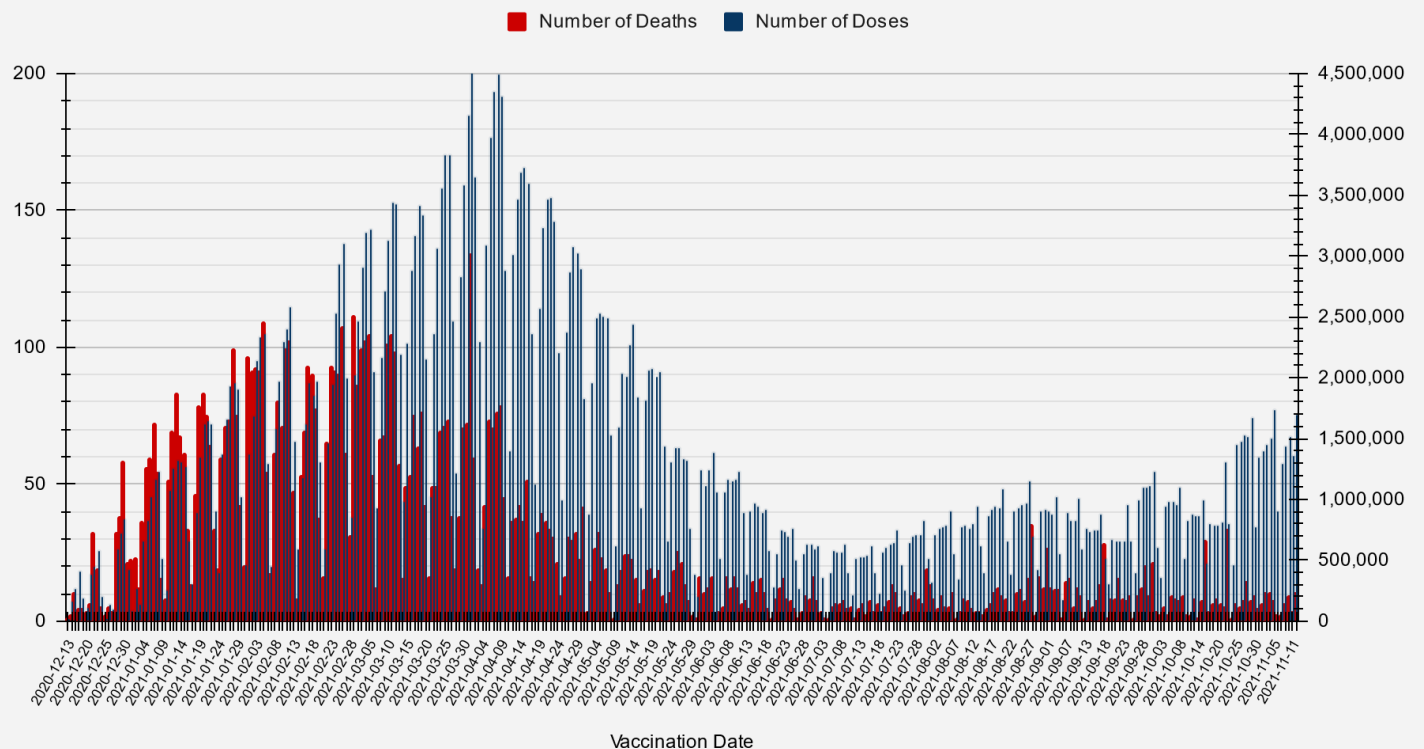
# Number of Deaths by Days After COVID19 Vaccination

Data obtained from CDC's VAERS



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

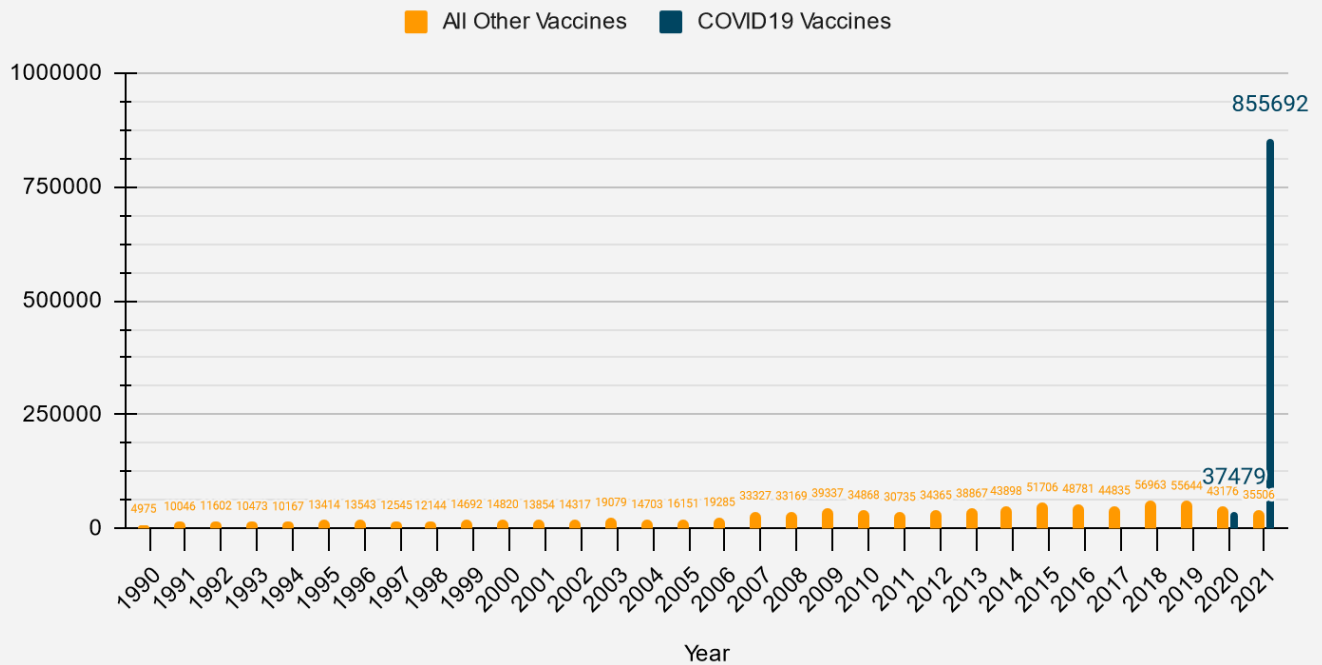
Data Obtained from CDC's VAERS & CDC



## Adverse Events

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

Data obtained from CDC's VAERS

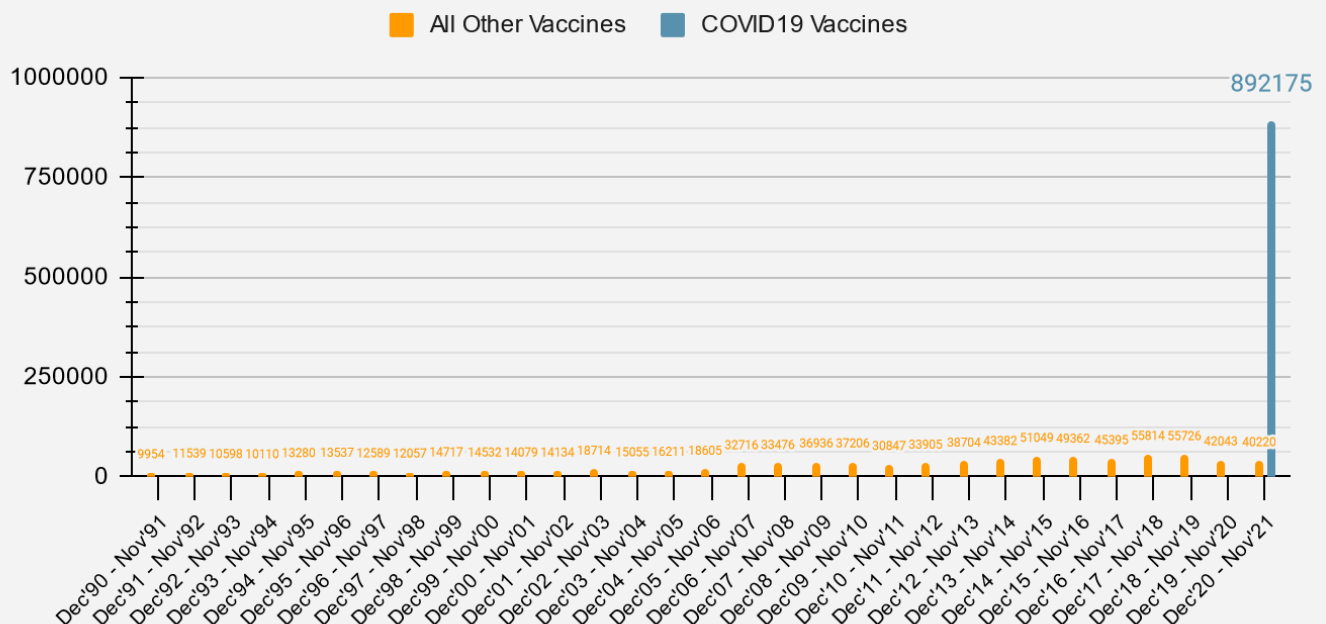


[Note that 974 records for COVID19 were scattered throughout years earlier than 2020 due to incorrect date data in the VAERS system]

Chart below using comparable 11 month periods, since Covid-19 vaccines have only been available for approximately 11 months:

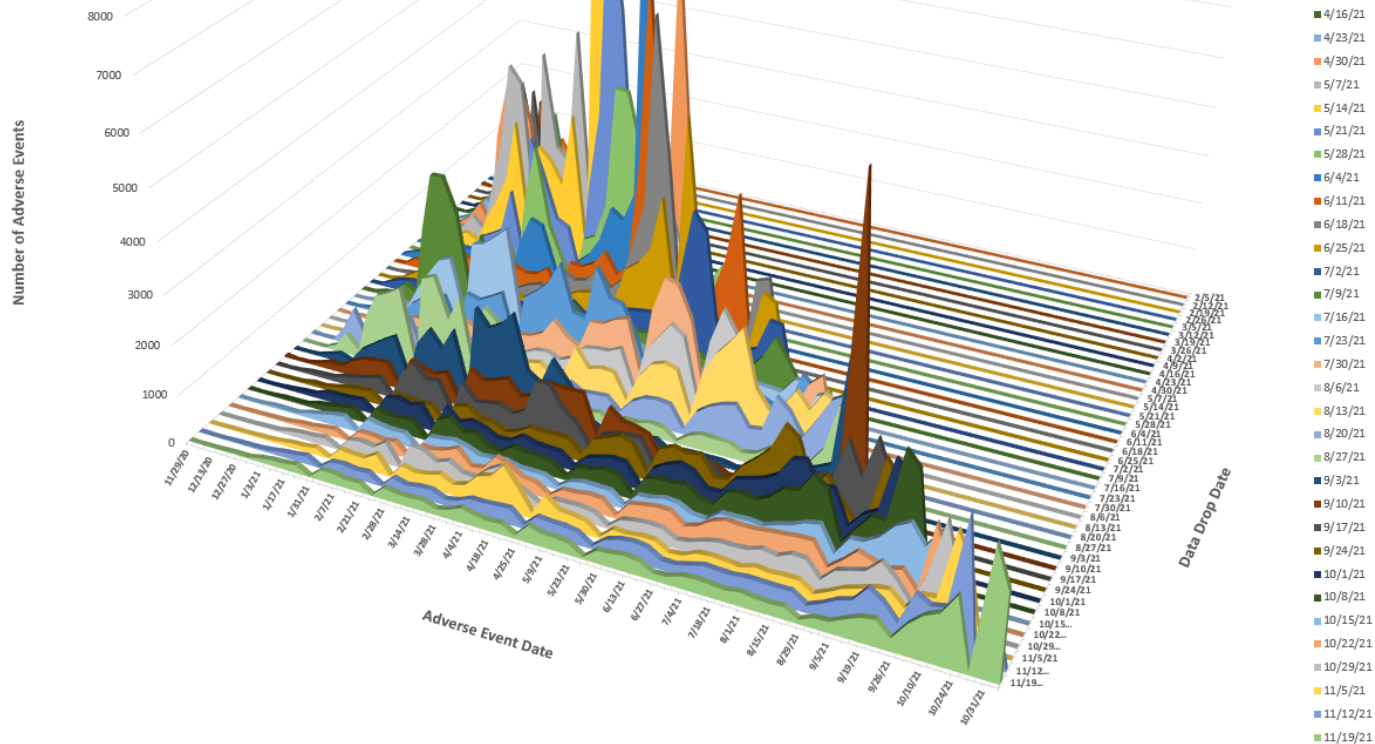
### Reported Adverse Events by Comparable Date Period, COVID19 vs. All Other Vaccines

Data Obtained from CDC's VAERS



[Note that 1970 records for COVID19 were scattered throughout periods earlier than Dec'20-Nov'21 due to incorrect date data in the VAERS system]

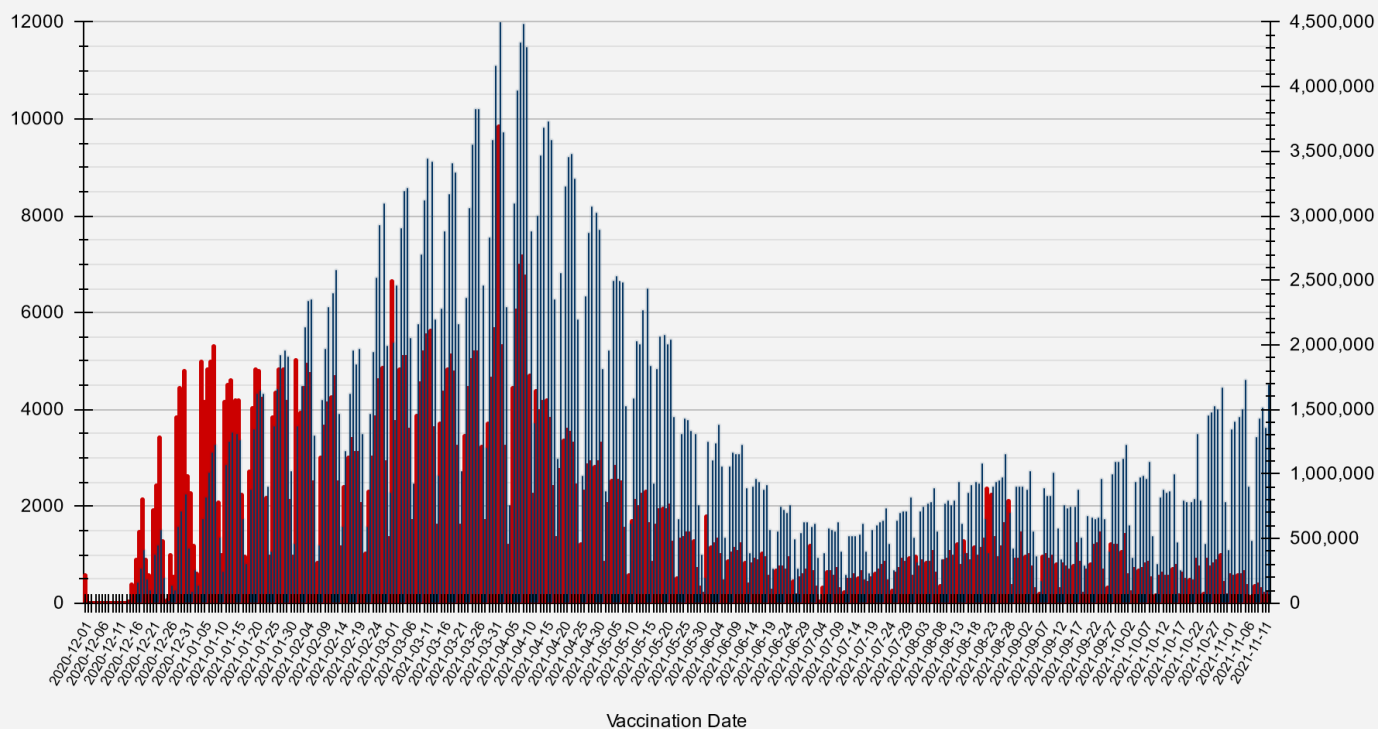
## Weekly Distribution of Newly Reported Adverse Events After COVID-19 Vaccines By Date of Data Drop (2/5/21 - 11/19/21)



## 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

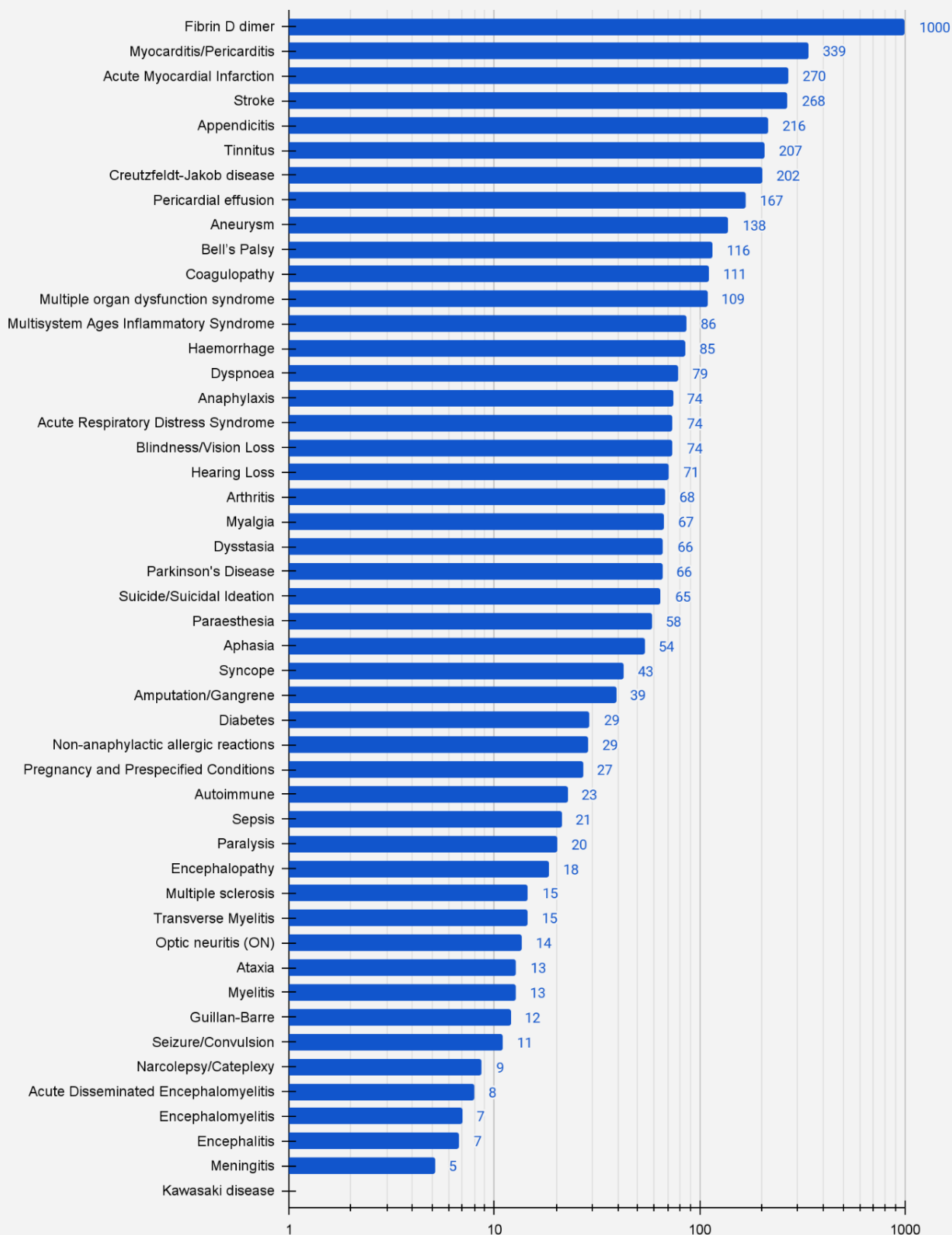
The following table lists the number of adverse events found in the VAERS data which match the outcomes listed above:

FDA listed symptom	Total (Non-Lethal) Adverse Events	Total Deaths
Guillain-Barre	1719	29
Acute Disseminated Encephalomyelitis	120	3
Transverse Myelitis	302	2
Encephalitis	1398	136
Convulsions/Seizures	11308	327
Stroke	10698	974
Narcolepsy, Cataplexy	227	4
Anaphylaxis	38943	153
Acute Myocardial Infarction (Heart Attack)	3094	954
Myocarditis/Pericarditis	10912	138
Autoimmune Disease	973	20
Other Acute Demyelinating Diseases	226	3
Pregnancy and birth outcomes (Miscarriages)	2800	82
Other Allergic Reactions	1694	3
Thrombocytopenia	3790	283
Disseminated Intravascular Coagulation	163	50
Venous Thromboembolism	16489	915
Arthritis and Arthralgia/Joint Pain	58765	174
Kawasaki Disease	41	1
Systemic Inflammatory Response Syndrome	511	39



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

(Data from VAERS through 11/12/21)



## 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>	5,546	1 in 30,244	0.003306%	33.06
<b>Risk of dying from COVID vaccine is 173 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	9,707	1 in 17,250	0.005797%	57.97
COVID19	167,733,972	525,453	1 in 319	0.3133%	3,133
<b>Risk of adverse reaction from COVID vaccine is 54 times greater than Flu Vaccine</b>					

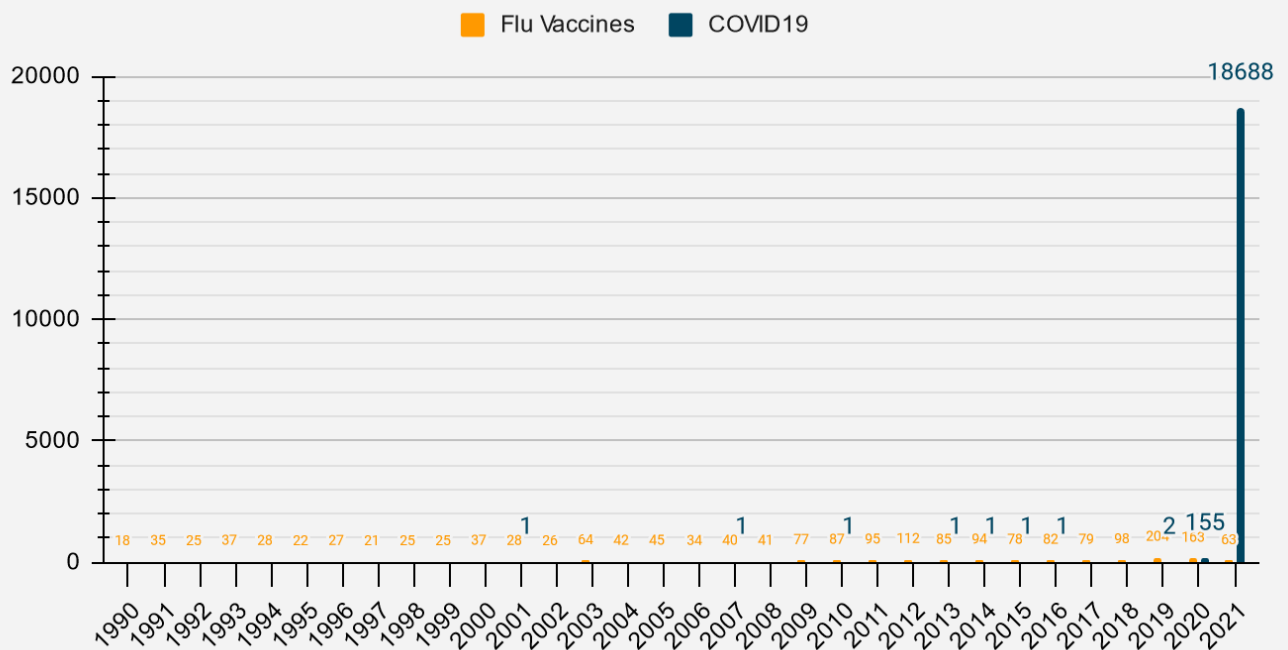
[1] number of flu vaccinations based on estimated flu vaccine coverage data from [CDC](#) and estimated population data from [US Census](#). Yearly flu vaccination data covers a period of time from 7/1 to 5/31 of the following year.

[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

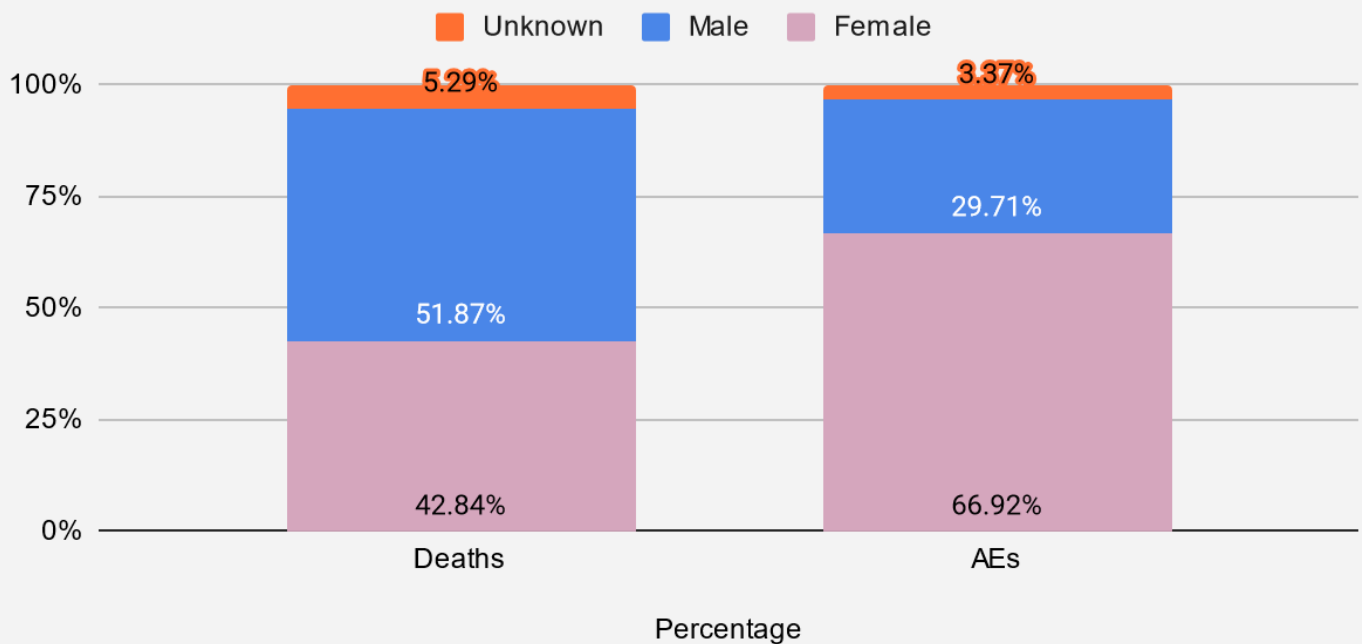
Manufacturer	# of Deaths	% Deaths	Average Deaths/Day	# US Deaths	# US Doses Administered	Average US Deaths/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	1540	8.16%	5.95	992	16,312,826	60.81	259	2/26/21
Moderna	4613	24.45%	14.02	3657	170,102,986	21.5	329	12/18/20
Pfizer/Biontech	12639	67%	37.62	3984	259,373,312	15.36	336	12/11/20
Unknown	72	0.38%		38	461,218			

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)	67659	7.56%	261.23	59090	16,312,826	3622.3	259	2/26/21
Moderna	334550	37.36%	1016.87	303235	170,102,986	1782.66	329	12/18/20
Pfizer/Biontech	491293	54.87%	1462.18	291700	259,373,312	1124.63	336	12/11/20
Unknown	1909	0.21%		1467	461,218			

## Vaccine Data by Gender

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

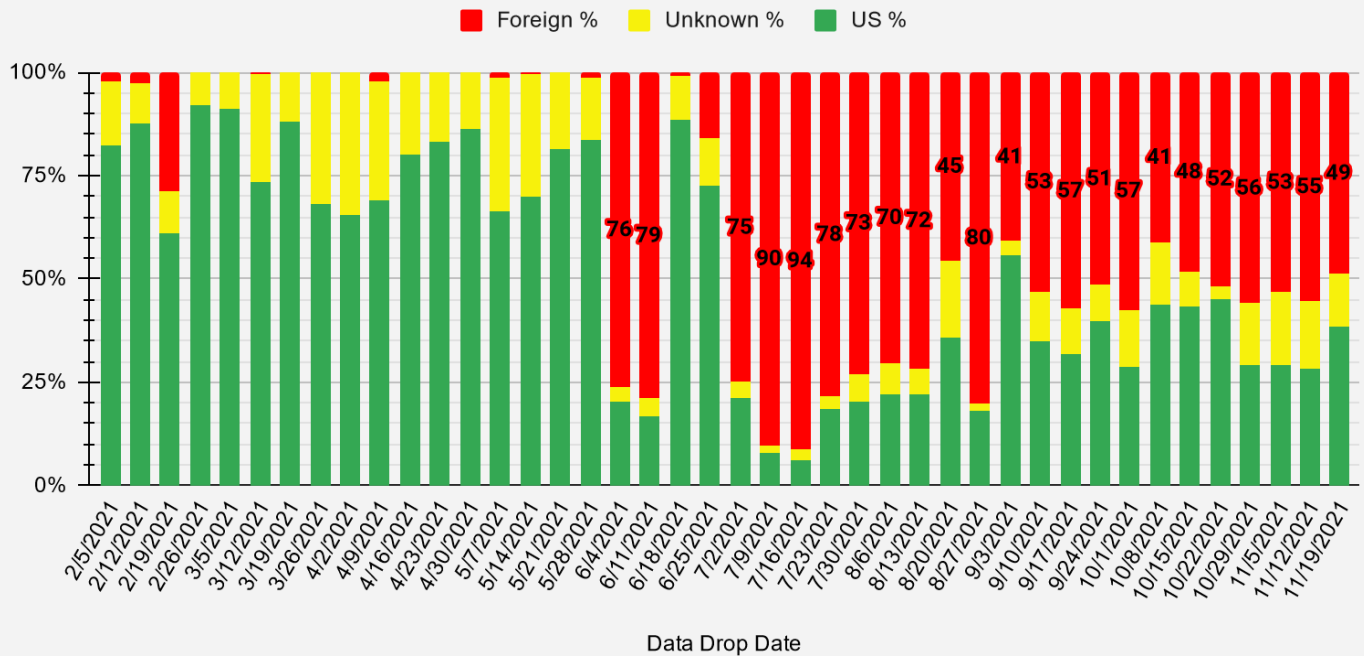
All Data Obtained from CDC's VAERS



## Vaccine Data by Location

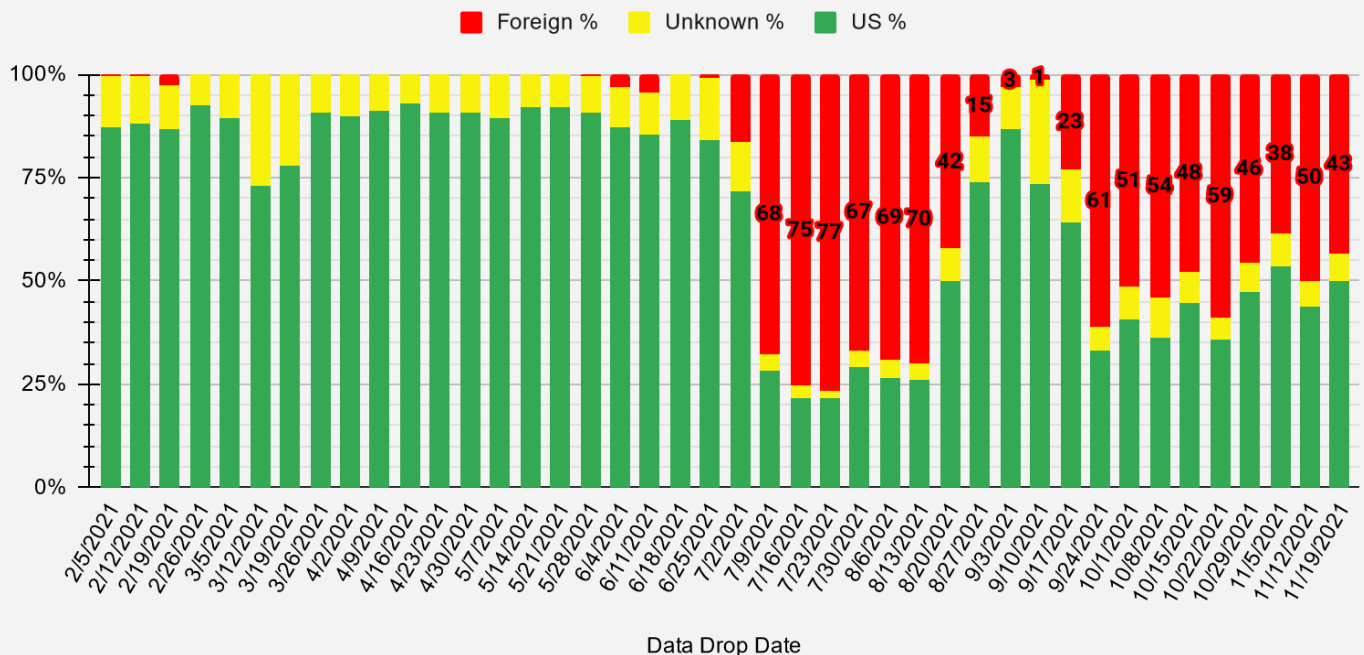
### Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS



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

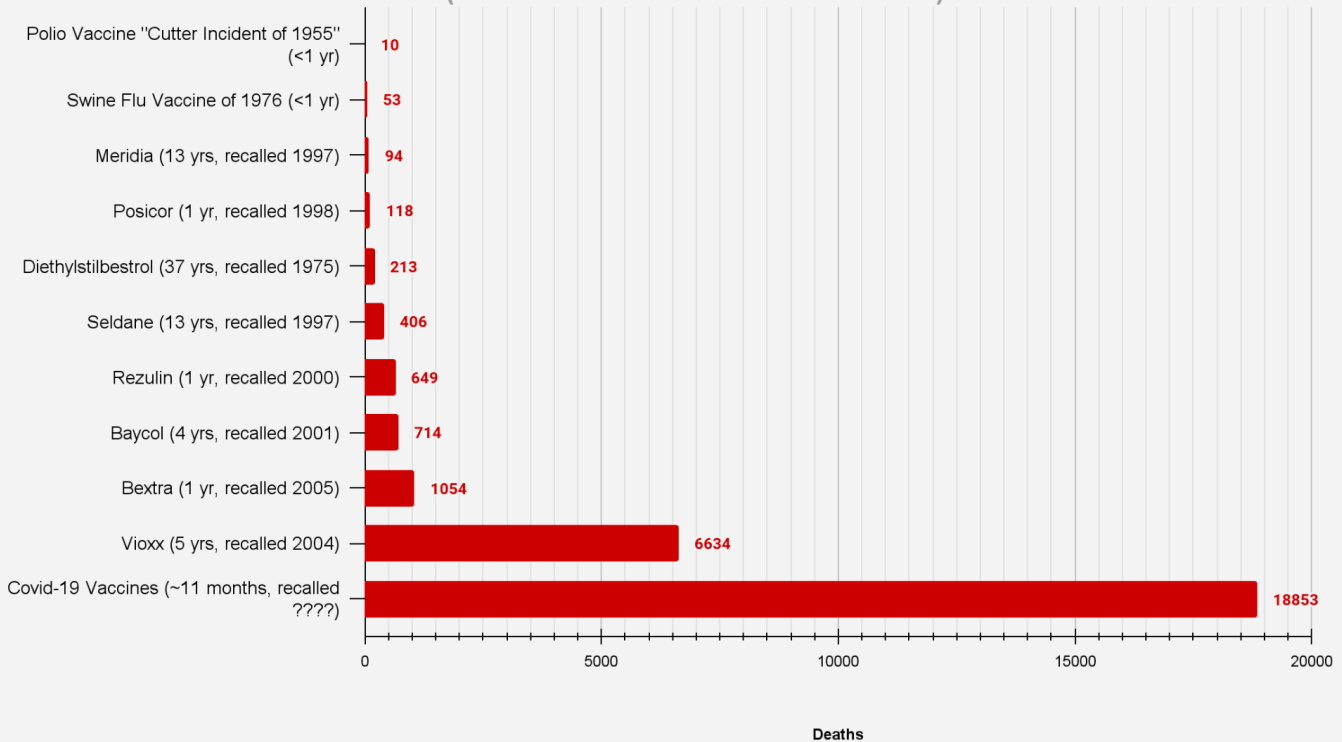
All Data Obtained from CDC's VAERS



## 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>