

VAERS Summary for COVID-19 Vaccines through 12/03/2021

All charts and tables below reflect the data release on 12/10/2021 from the VAERS website, which includes U.S. and foreign data, and is updated through: **12/3/2021**.

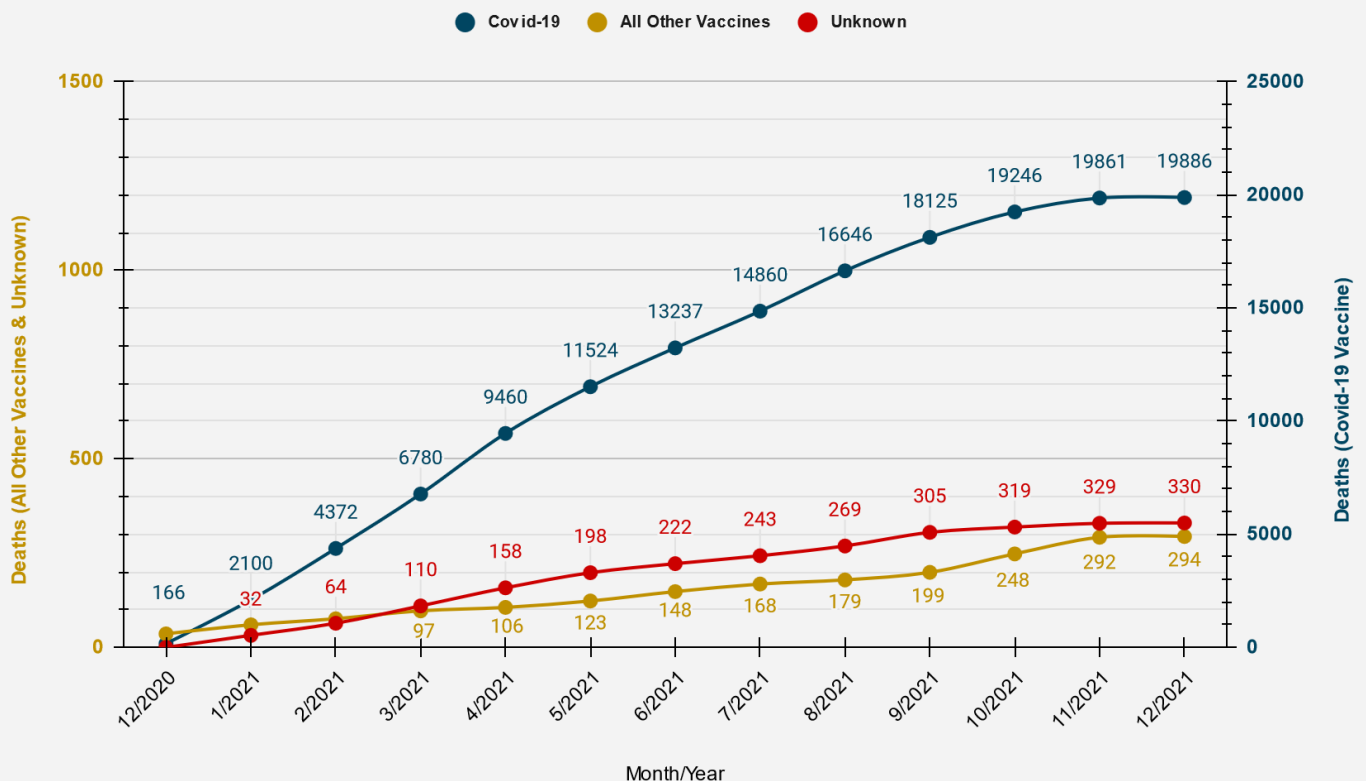
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	946,463	862,130	681,962	750,974
Number of Life-Threatening Events	22,421	14,230	10,490	9,868
Number of Hospitalizations	102,857	82,316	43,208	38,654
Number of Deaths	19,886*	9,388*	9,136	5,212
# of Permanent Disabilities after vaccination	32,644	20,536	10,645	12,735
Number of Office Visits	148,180	48,541	131,759	46,522
# of Emergency Room/Department Visits	104,156	212,027	84,986	202,599
# of Birth Defects after vaccination	706	183	404	99

*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

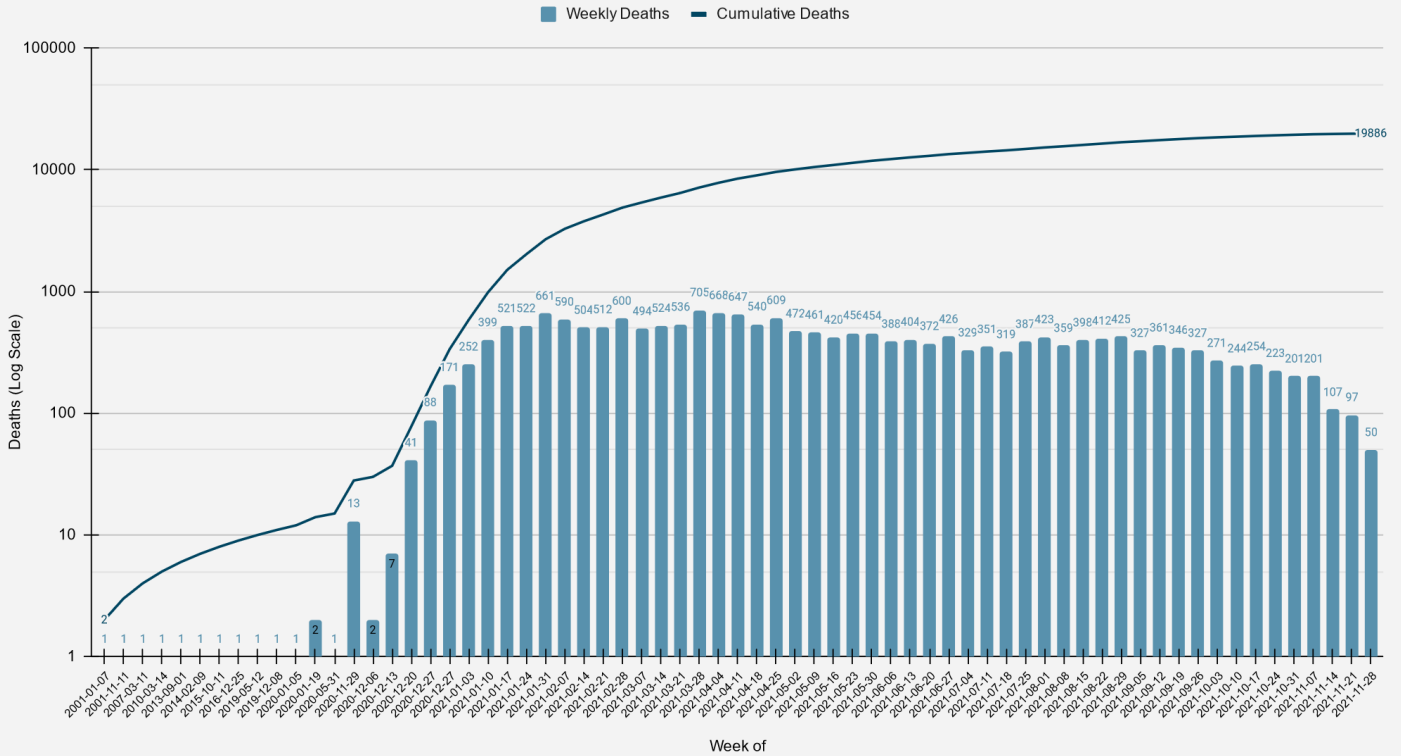
Data obtained from CDC's VAERS



[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

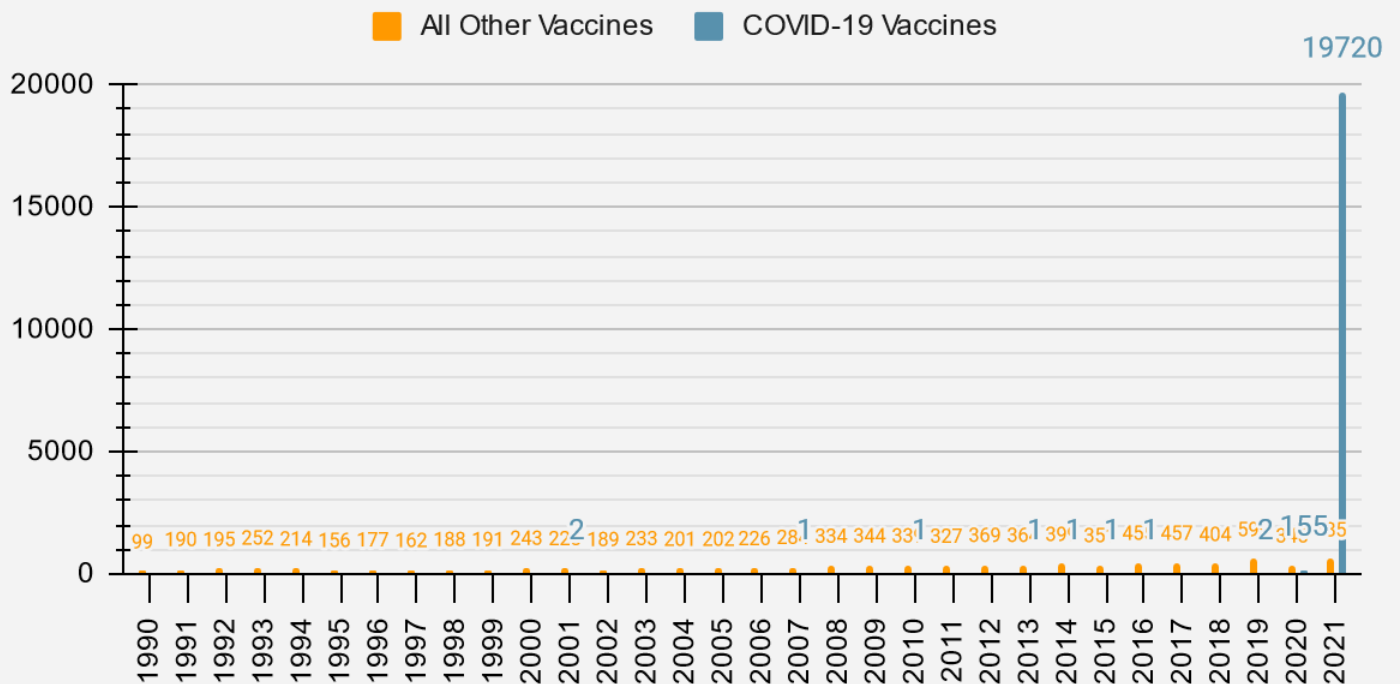
Data Obtained from CDC's VAERS



[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

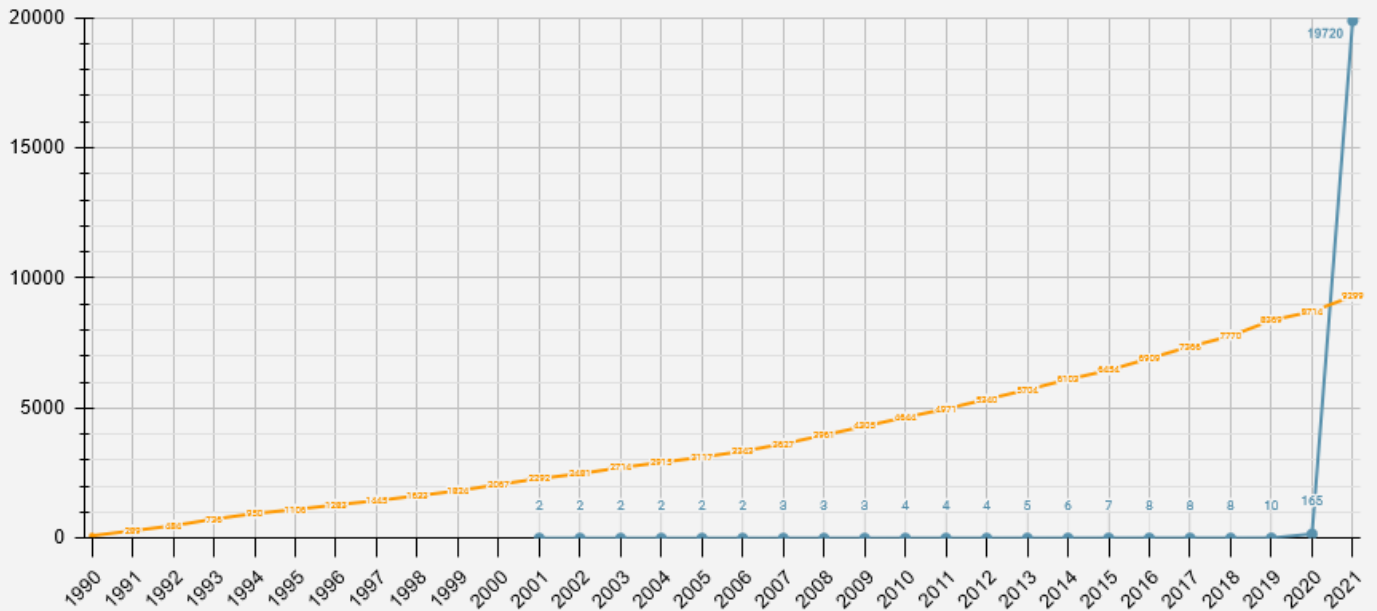


[Note that COVID19 counts for years before 2020 are due to incorrect date data in the VAERS system (including 1 not pictured due to date in 1921)]

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

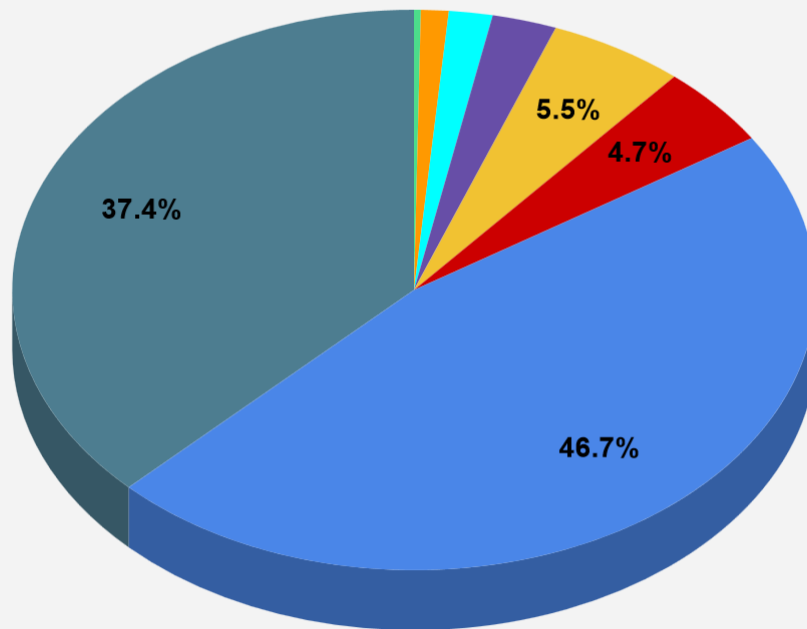
Data Obtained from CDC's VAERS

● COVID19 Vaccines cumulative ● All Other Vaccines cumulative



Age Distribution of Reported Deaths After COVID19 Vaccination

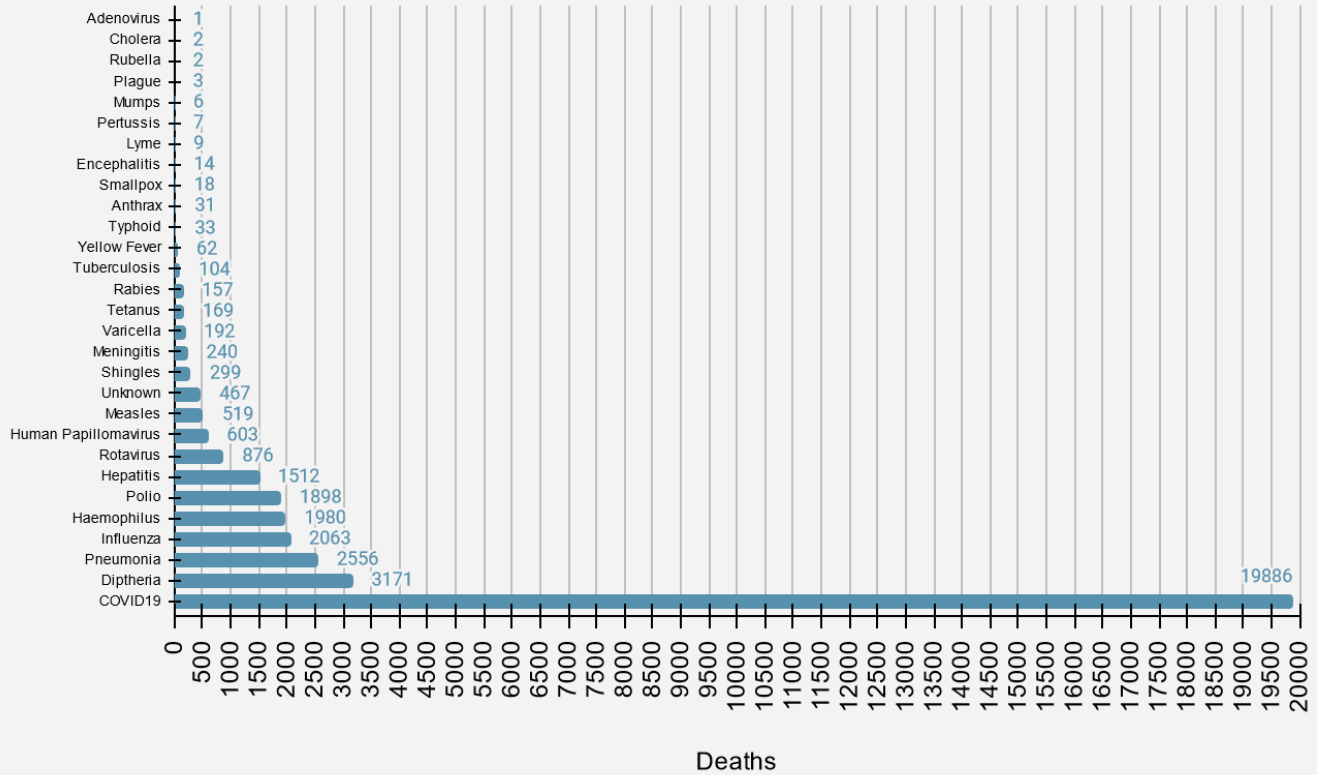
Data obtained from CDC's VAERS



● 0_17 ● 18_29 ● 30_39 ● 40_49 ● 50_59 ● 60_64 ● 65_ ● unknown

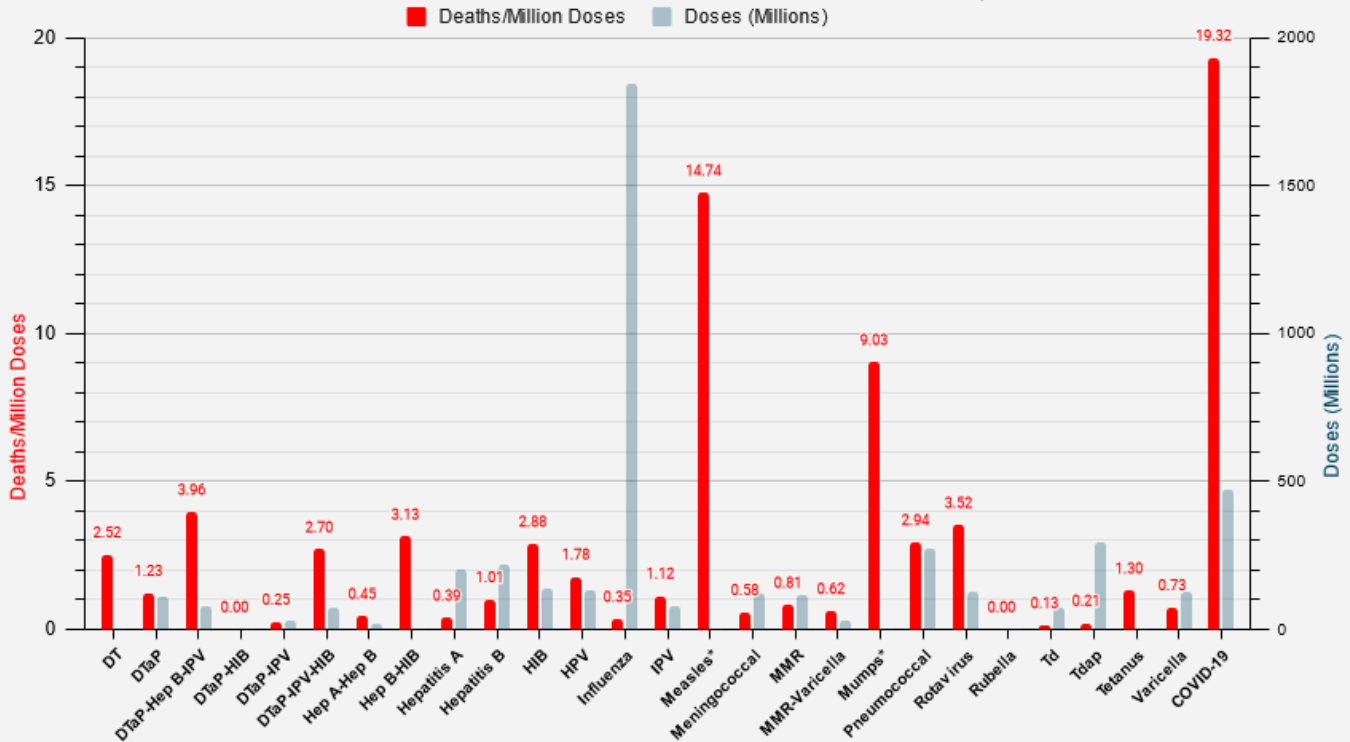
Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



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

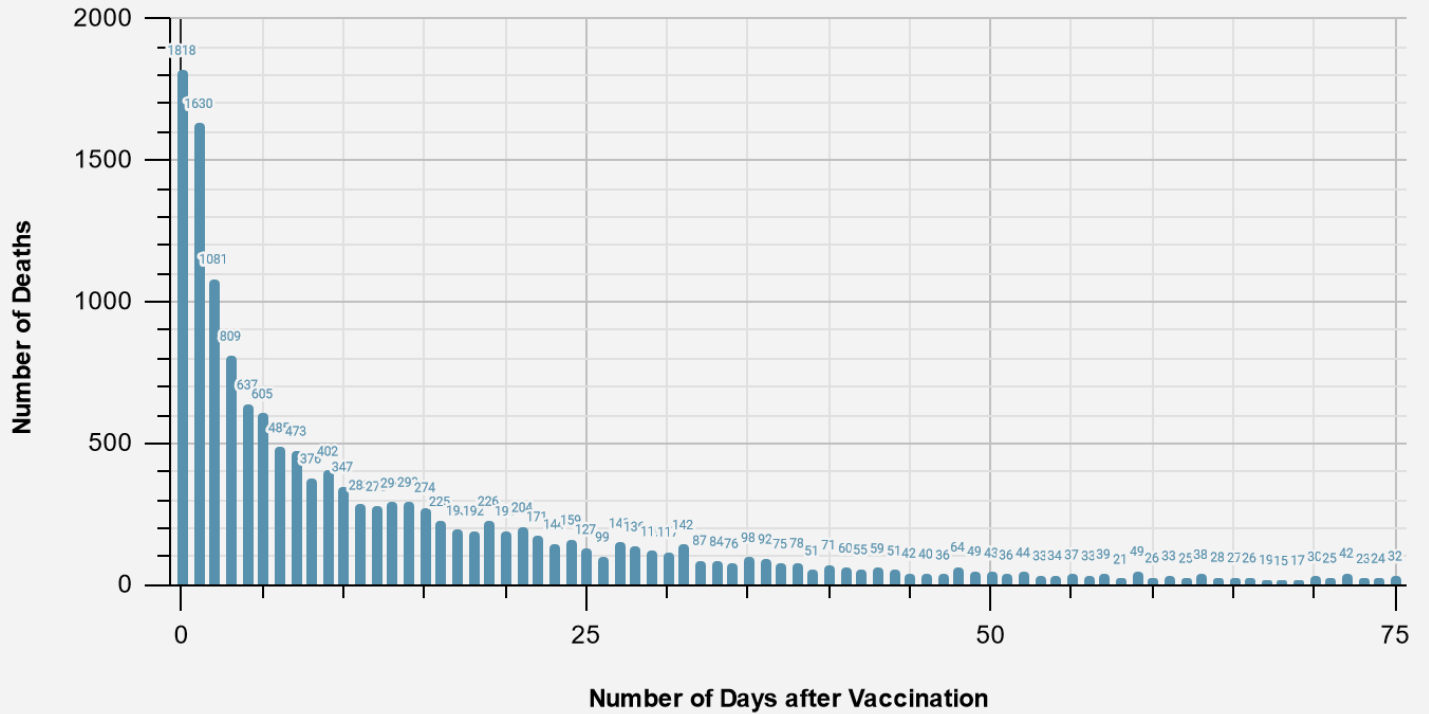
Data Obtained from CDC's VAERS and NVICP data & statistics report



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

Number of Deaths by Days After COVID19 Vaccination

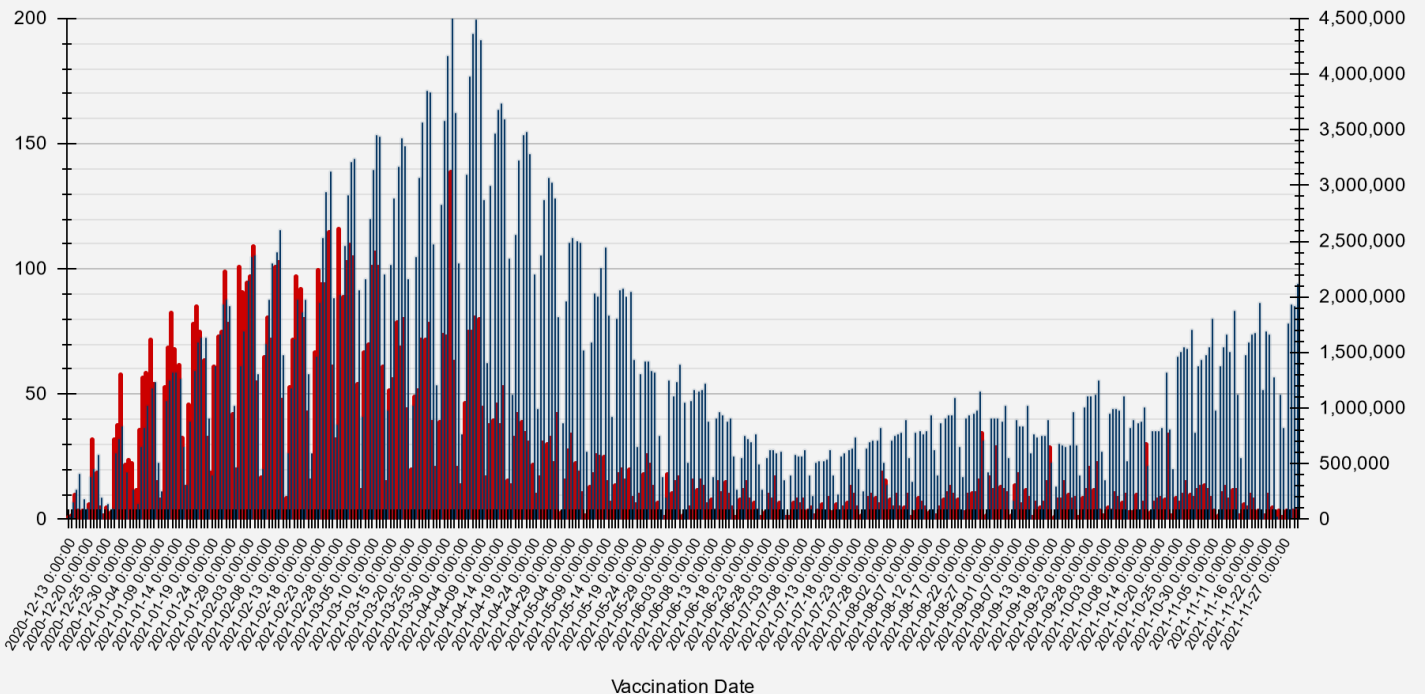
Data obtained from CDC's VAERS



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

Data Obtained from CDC's VAERS & CDC

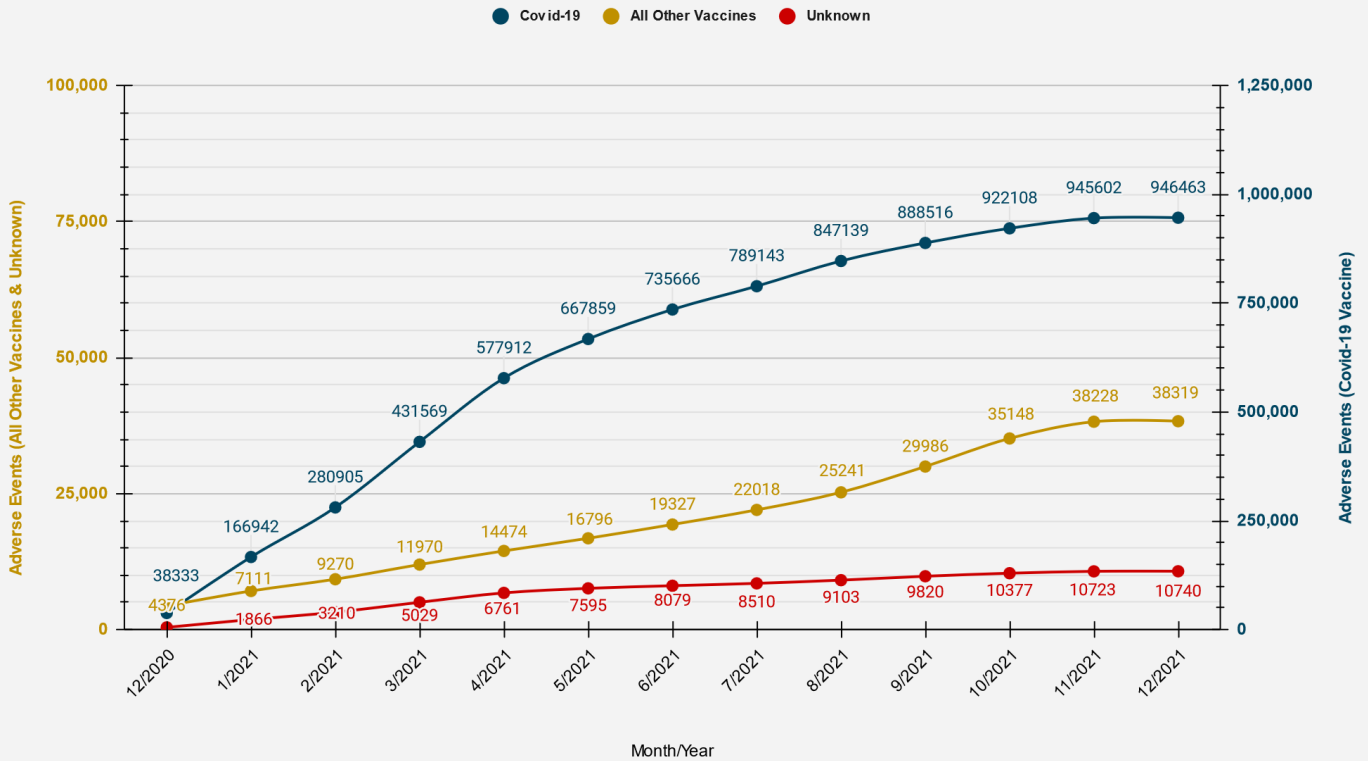
■ Number of Deaths ■ Number of Doses



Adverse Events

Cumulative Reported AEs After Vaccination - 1 Year Summary

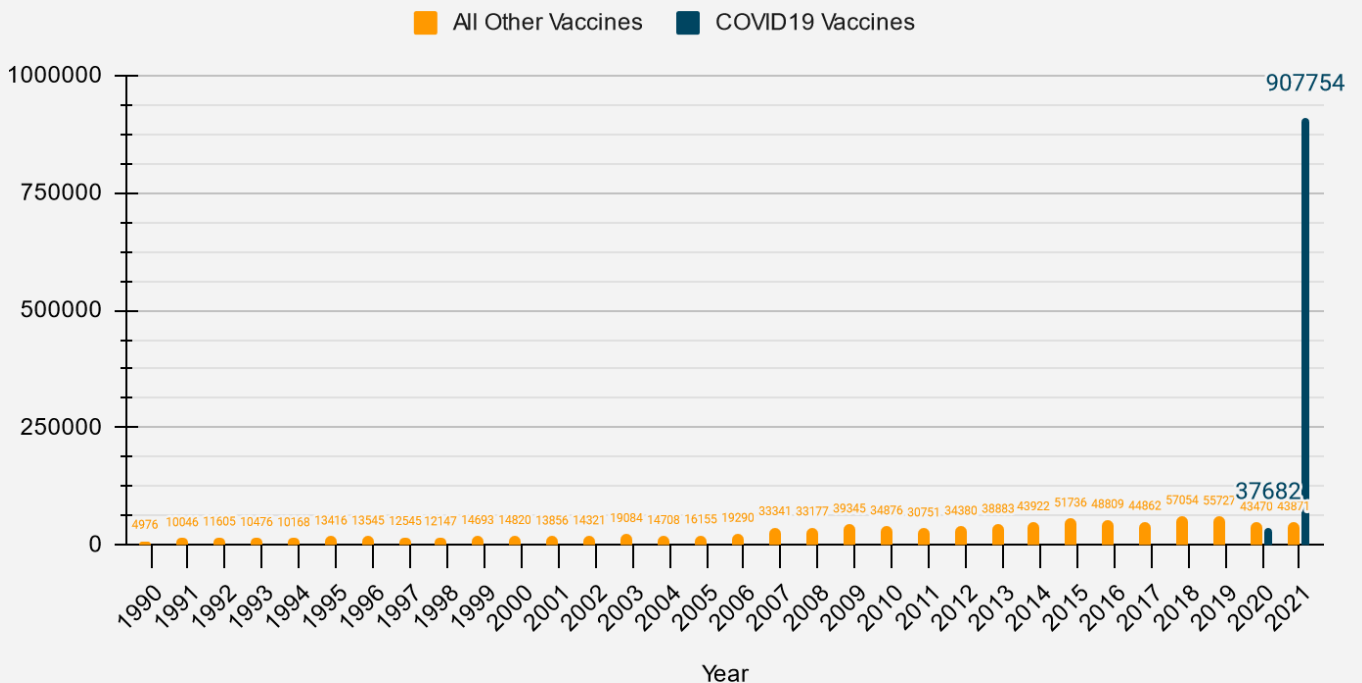
Data obtained from CDC's VAERS



[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

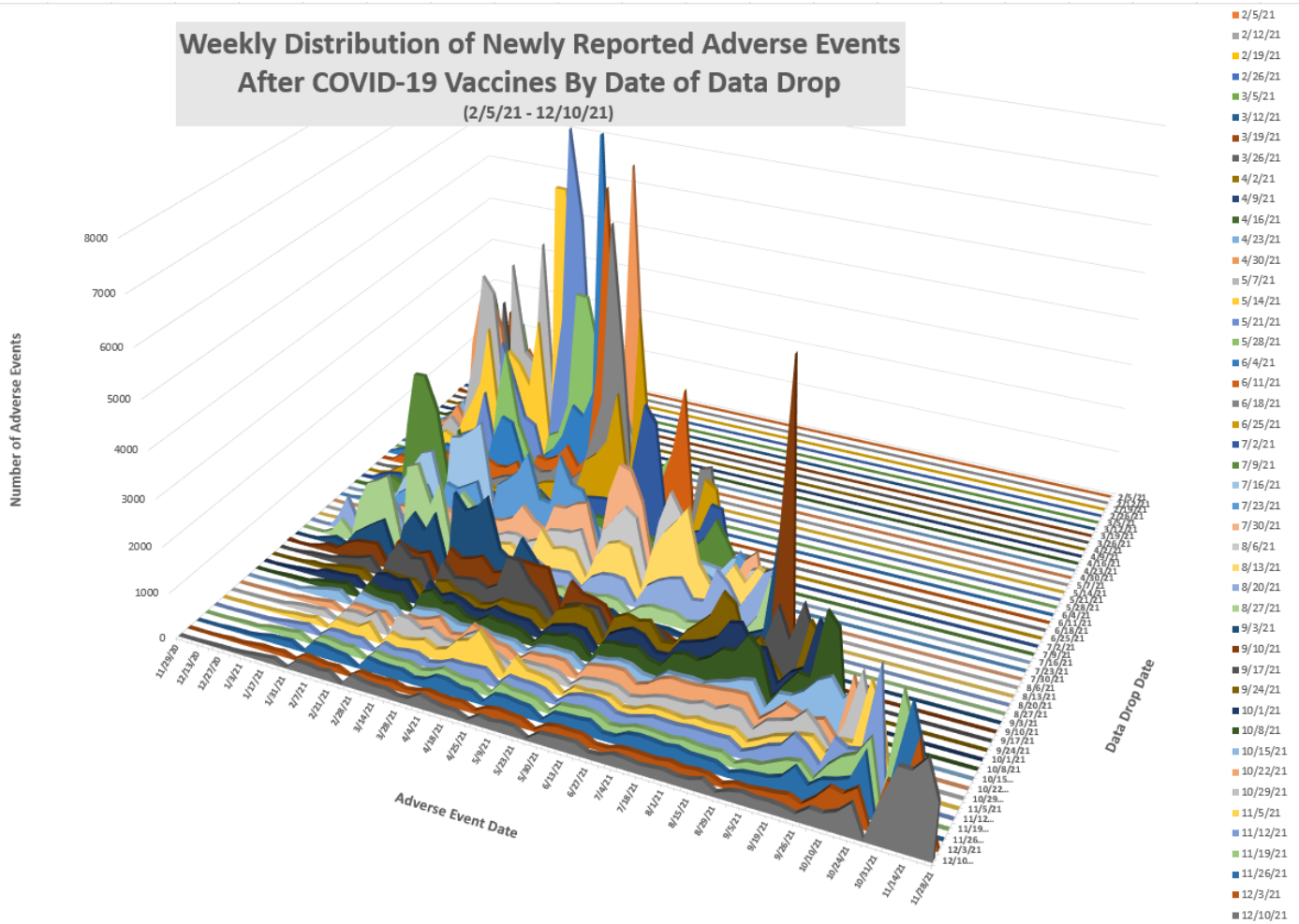
Data obtained from CDC's VAERS



[Note that 1027 records for COVID19 were scattered throughout years earlier than 2020 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

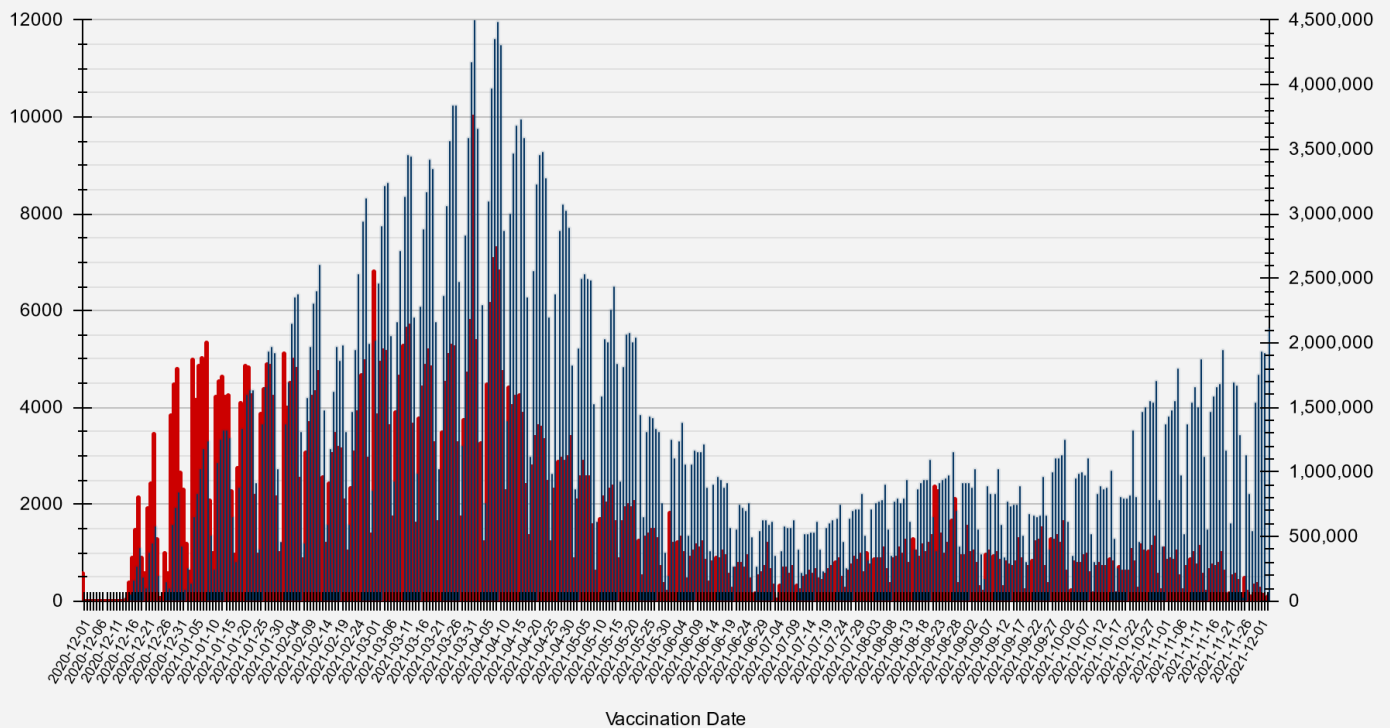
(2/5/21 - 12/10/21)



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*****

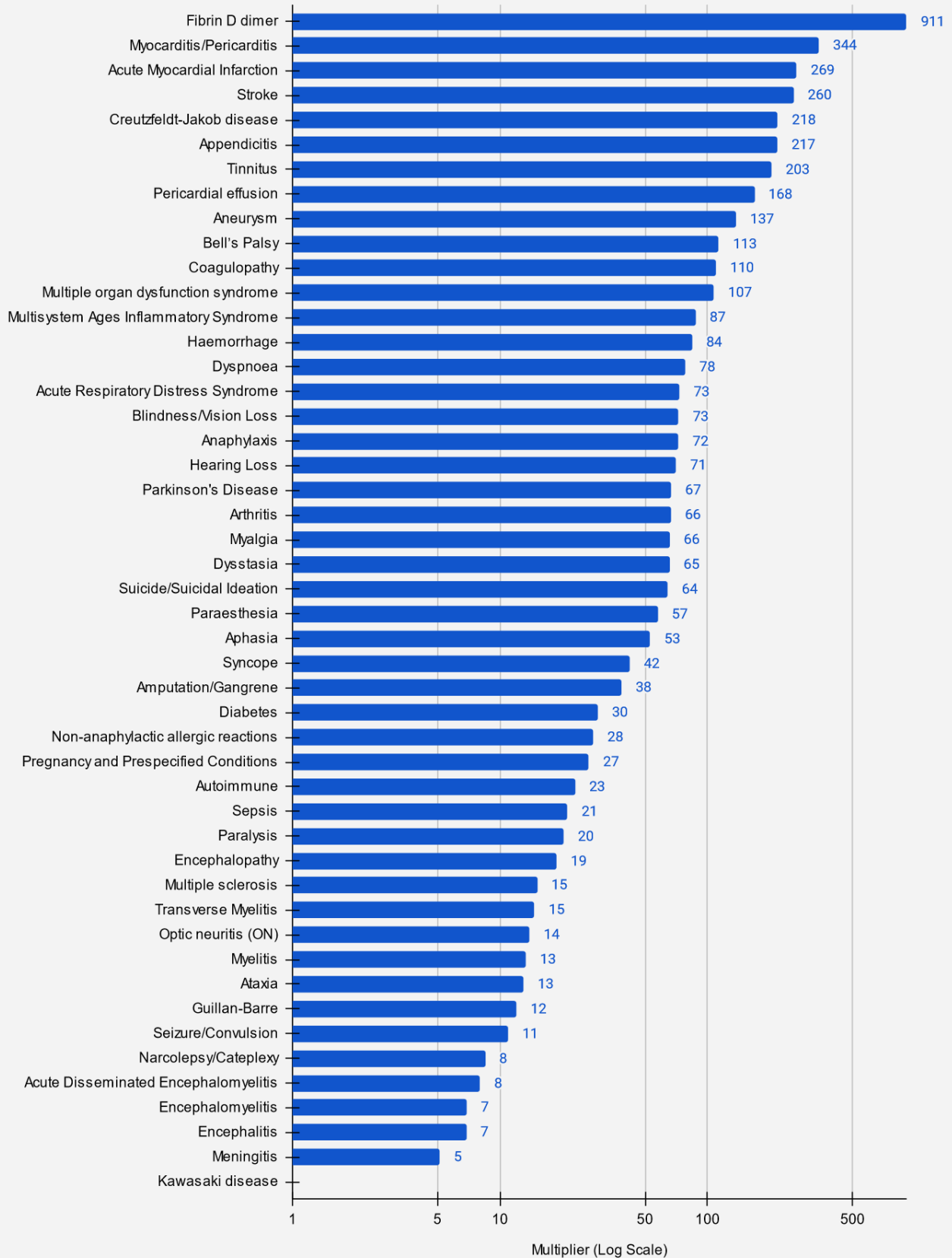
- Guillain-Barré syndrome
- Acute disseminated encephalomyelitis
- Transverse myelitis
- Encephalitis/myelitis/encephalomyelitis/
meningoencephalitis/meningitis/
encephalopathy
- Convulsions/seizures
- Stroke
- Narcolepsy and cataplexy
- Anaphylaxis
- Acute myocardial infarction
- Myocarditis/pericarditis
- 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	1856	34
Acute Disseminated Encephalomyelitis	136	3
Transverse Myelitis	328	2
Encephalitis	1528	152
Convulsions/Seizures	12043	340
Stroke	11333	1023
Narcolepsy, Cataplexy	234	5
Anaphylaxis	40575	158
Acute Myocardial Infarction (Heart Attack)	3329	1001
Myocarditis/Pericarditis	12380	156
Autoimmune Disease	1073	22
Other Acute Demyelinating Diseases	246	3
Pregnancy and birth outcomes (Miscarriages)	3044	95
Other Allergic Reactions	1775	3
Thrombocytopenia	4087	303
Disseminated Intravascular Coagulation	174	53
Venous Thromboembolism	17533	956
Arthritis and Arthralgia/Joint Pain	61748	178
Kawasaki Disease	53	1
Systemic Inflammatory Response Syndrome	568	40

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

(Data from VAERS through 11/26/21)



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)

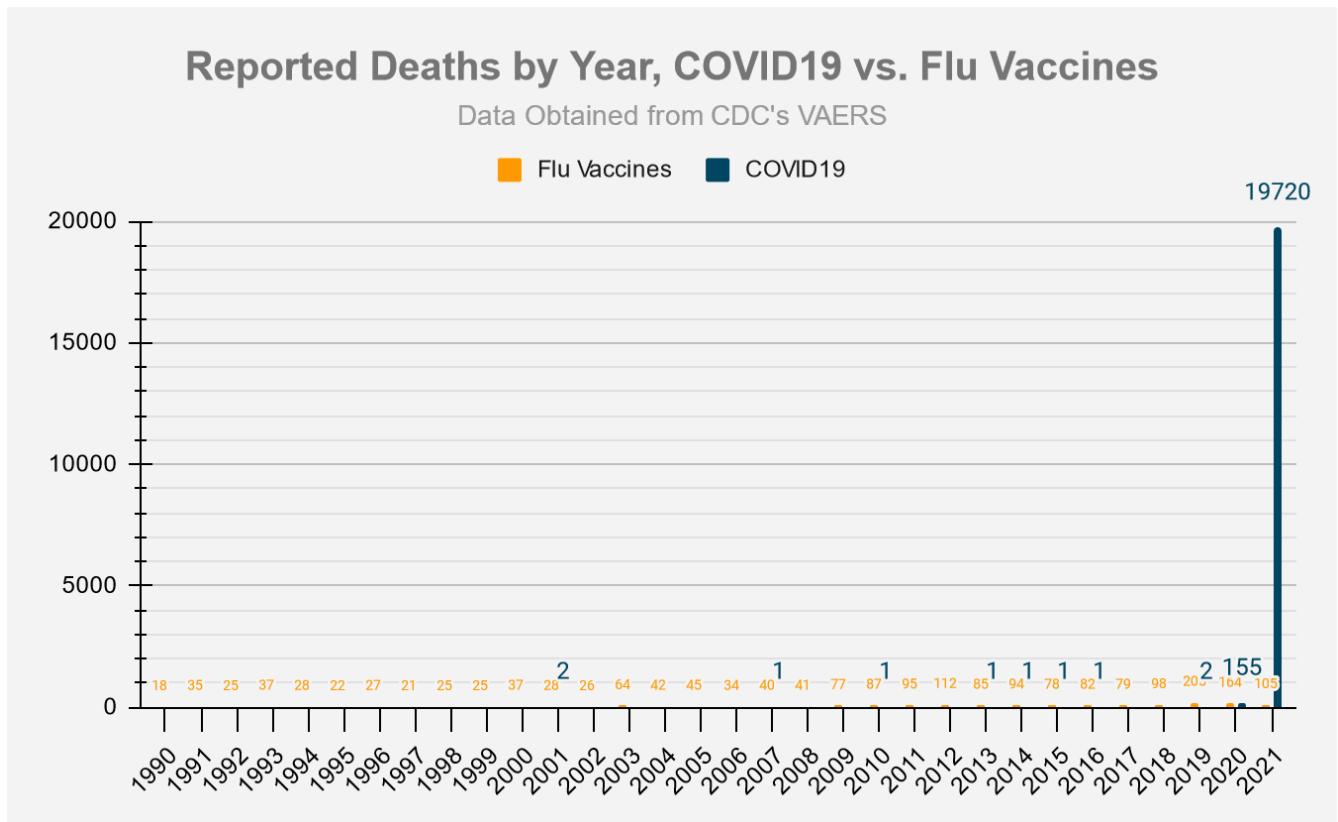
Vaccine Type	# of Vaccinations ^[3]	# of Deaths	Risk of Death	Percentage	Deaths/Mill. Vaccinations ^[3]
Flu	167,447,642 ^[1]	33	1 in 5,074,171	0.000020%	.20
COVID19	167,733,972 ^[2]	5,583	1 in 30,044	0.003328%	33.28
Risk of dying from COVID vaccine is 169 times greater than Flu Vaccine					

Vaccine Type	# of Vaccinations ^[3]	# of Adverse Reactions	Risk of Adverse Reaction	Percentage	AEs/Mill. Vaccinations ^[3]
Flu	167,447,642	9,709	1 in 17,247	0.005798%	57.98
COVID19	167,733,972	532,198	1 in 315	0.3173%	3,173
Risk of adverse reaction from COVID vaccine is 55 times greater than Flu Vaccine					

[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

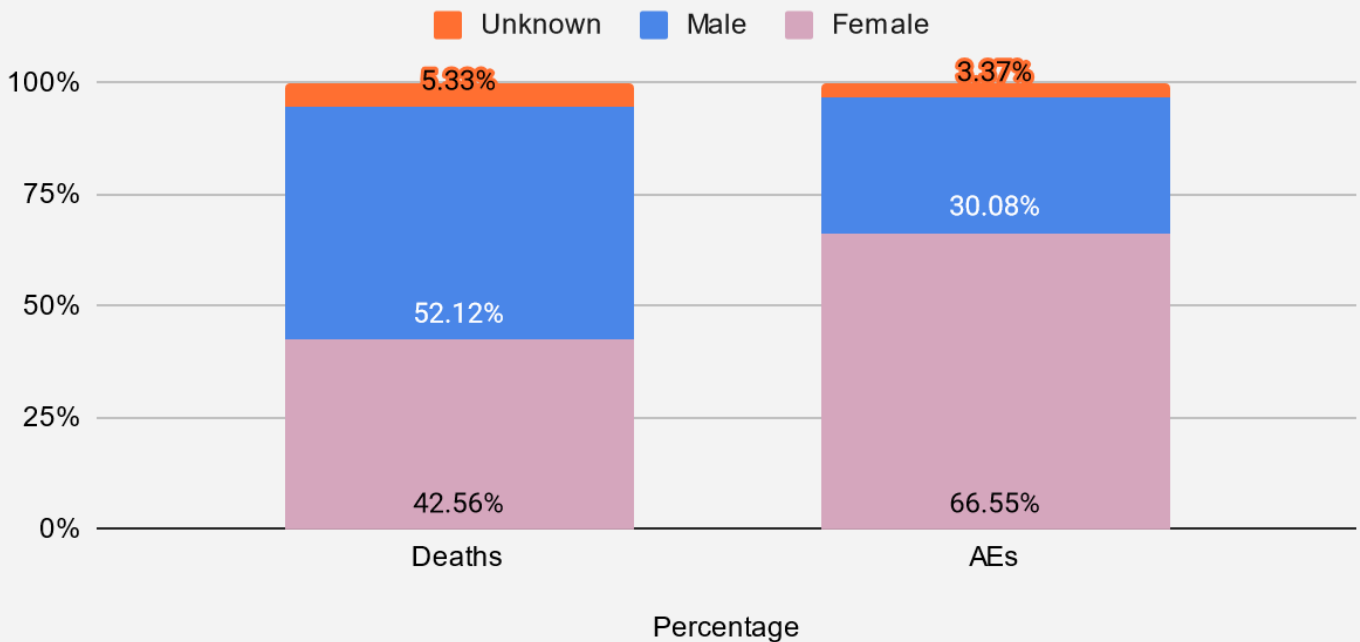
Manufacturer	# of Deaths	% Deaths	Average Deaths/Day	# US Deaths	# US Doses Administered	Average US Deaths/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	1652	8.3%	5.9	1053	17,020,935	61.86	280	2/26/21
Moderna	4894	24.59%	13.98	3846	182,451,675	21.08	350	12/18/20
Pfizer/Biontech	13273	66.7%	37.18	4205	277,472,166	15.15	357	12/11/20
Unknown	80	0.4%		40	488,989			

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)	70710	7.46%	252.54	61006	17,020,935	3584.17	280	2/26/21
Moderna	349976	36.92%	999.93	315308	182,451,675	1728.17	350	12/18/20
Pfizer/Biontech	525067	55.39%	1470.78	305266	277,472,166	1100.17	357	12/11/20
Unknown	2116	0.22%		1543	488,989			

Vaccine Data by Gender

Gender Distribution of Reported Deaths and AEs after COVID19 Vaccination

All Data Obtained from CDC's VAERS

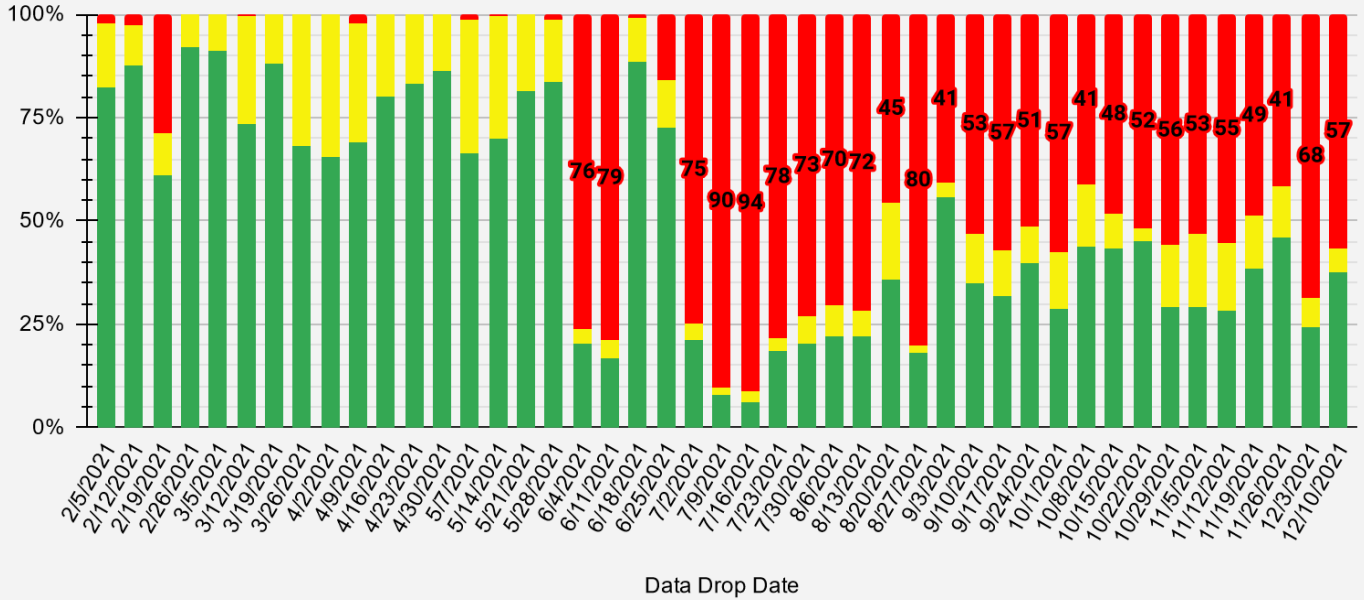


Vaccine Data by Location

Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS

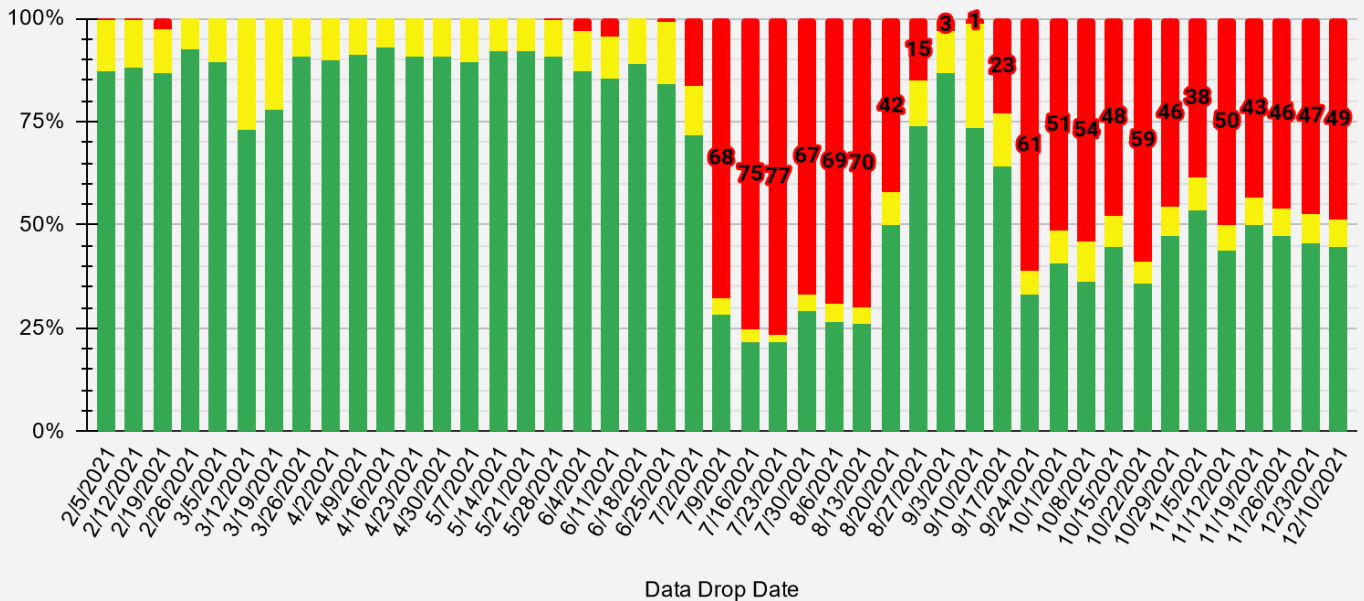
Foreign % Unknown % US %



Distribution by Location of Reported Adverse Events after COVID19 Vaccination

All Data Obtained from CDC's VAERS

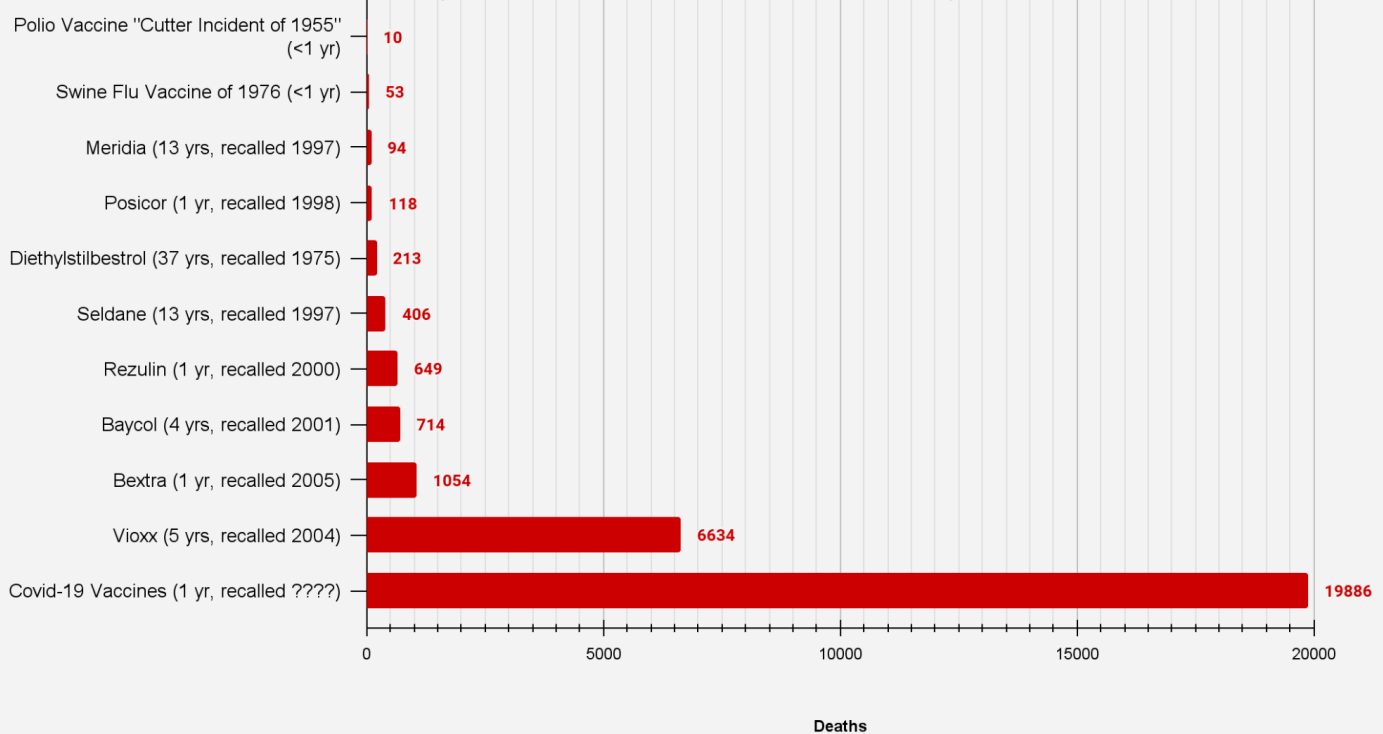
Foreign % Unknown % US %



Recall History

Reported Deaths for Major Drug/Vaccine Recalls

(Data Obtained from VAERS and FAERS)



Sources

Visit: vaersanalysis.info 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
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>