

VAERS Summary for COVID-19 Vaccines through 9/24/2021

All charts and tables below reflect the data release on 10/1/2021 from the VAERS website, which includes U.S. and foreign data, and is updated through: **9/24/2021**.

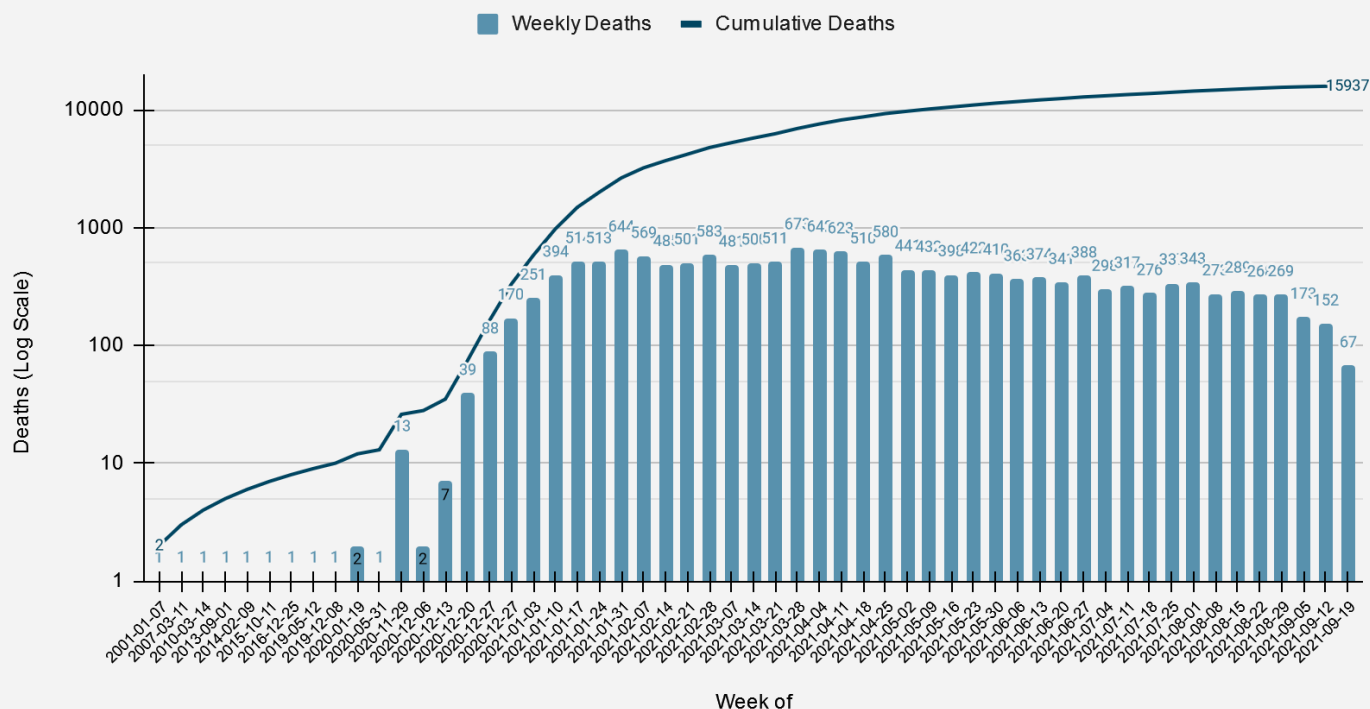
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	752,803	823,547	581,851	722,534
Number of Life-Threatening Events	16,874	13,628	8,816	9,723
Number of Hospitalizations	71,036	78,552	33,703	38,186
Number of Deaths	15,937*	9,141*	7,215	5,120
# of Permanent Disabilities after vaccination	22,342	19,622	8,359	12,456
Number of Office Visits	117,837	43,428	109,202	42,106
# of Emergency Room/Department Visits	85,321	209,847	73,068	200,874
# of Birth Defects after vaccination	504	141	323	90

*Note that the total number of deaths associated with the COVID-19 vaccines is greater than the number of deaths associated with all other vaccines combined since the year 1990.

Deaths

Reported Deaths by Week, COVID19 Vaccines

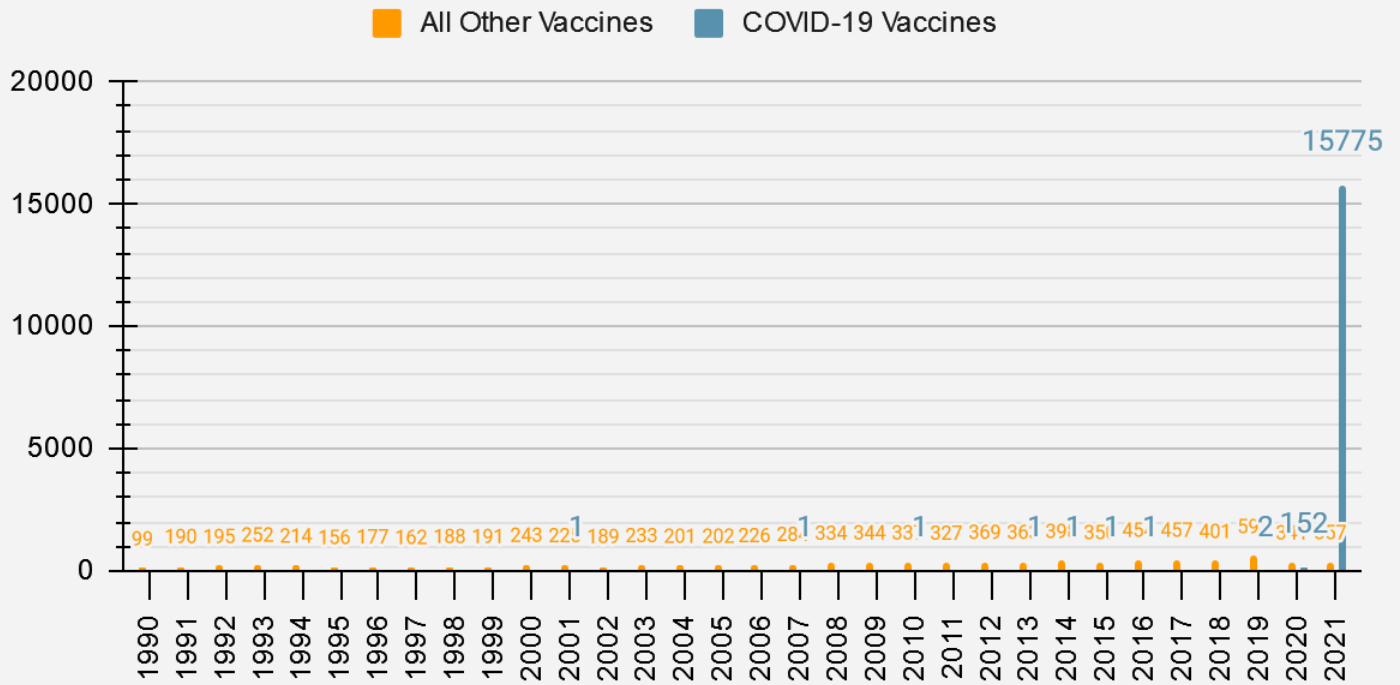
Data Obtained from CDC's VAERS



[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

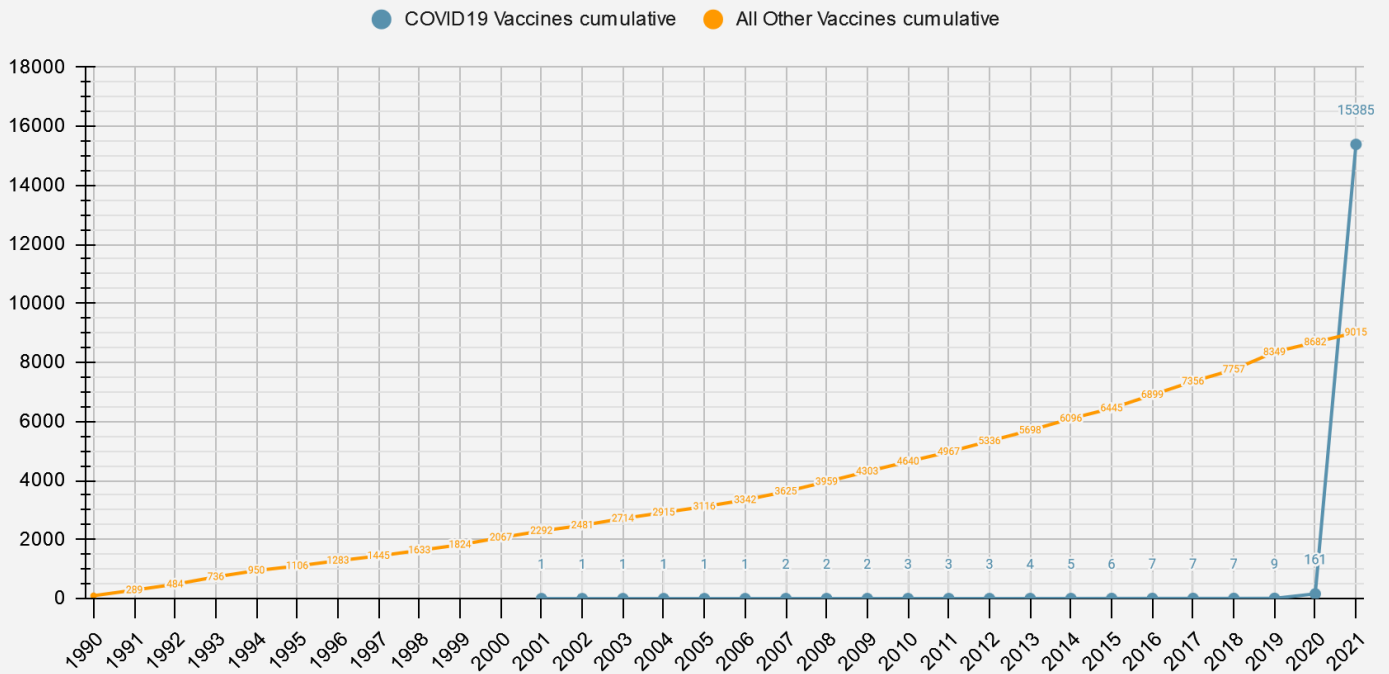
Data Obtained from CDC's VAERS



[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



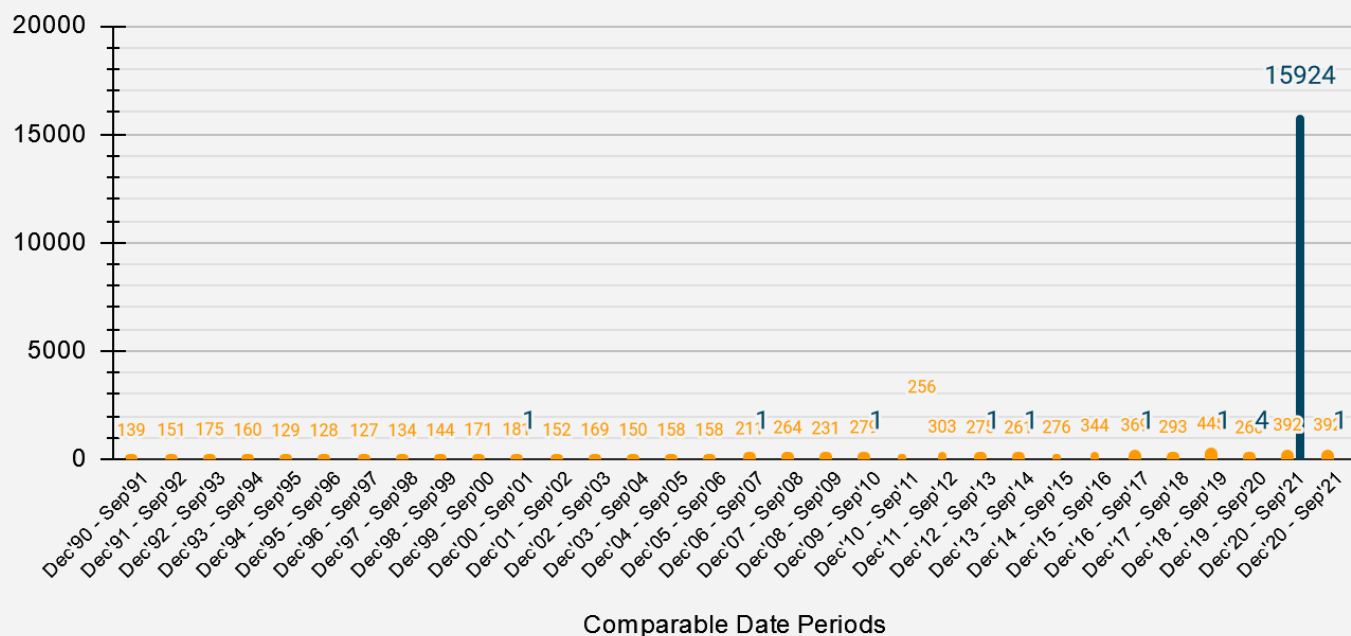
[1 COVID19 record not pictured due to incorrect date in 1921]

Chart below using comparable 9 month periods, since Covid-19 vaccines have only been available for approximately 9 months:

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

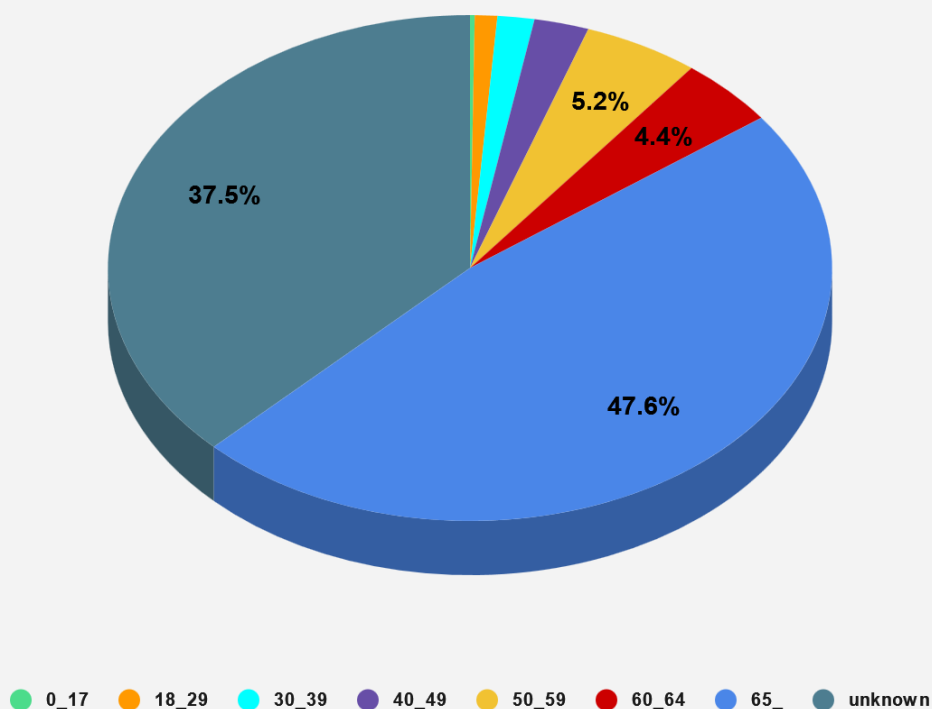
Data obtained from CDC's VAERS

■ All Other Vaccines ■ COVID19 Vaccines



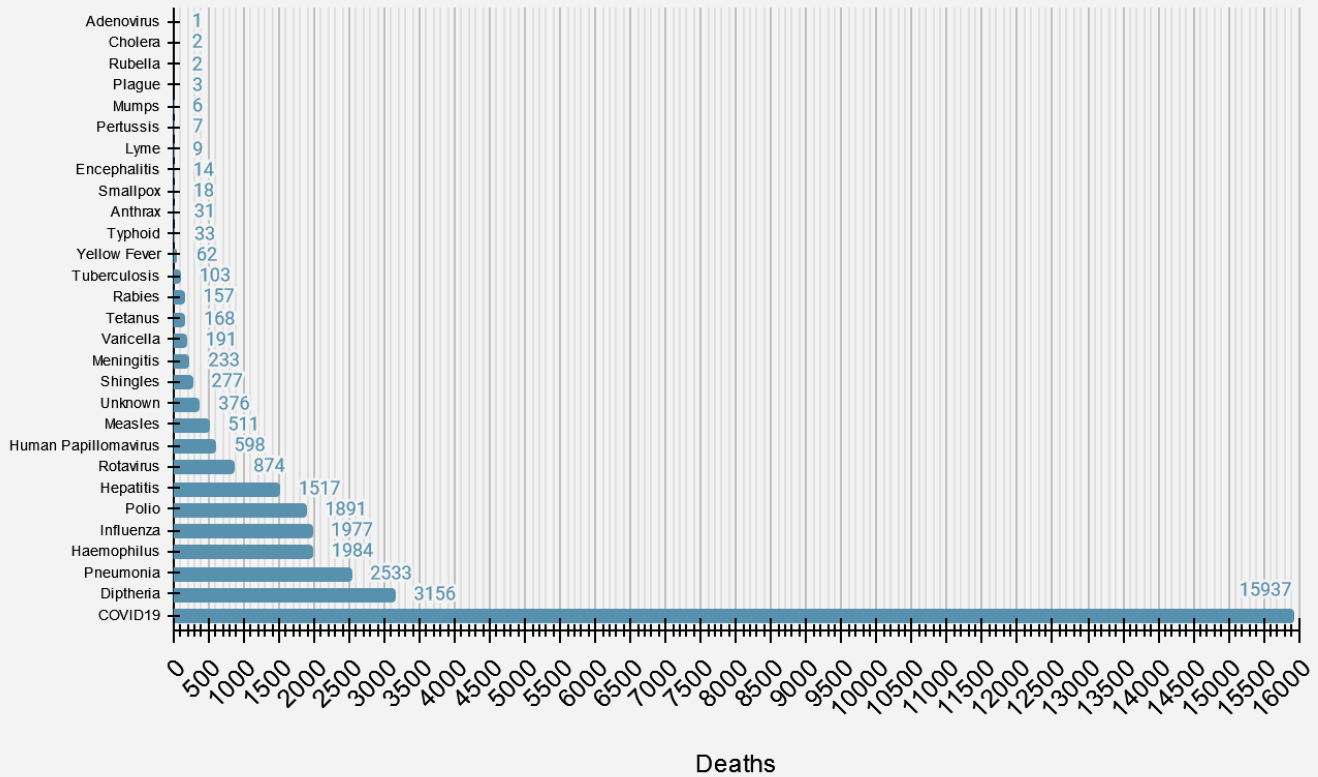
Age Distribution of Reported Deaths After COVID19 Vaccination

Data obtained from CDC's VAERS



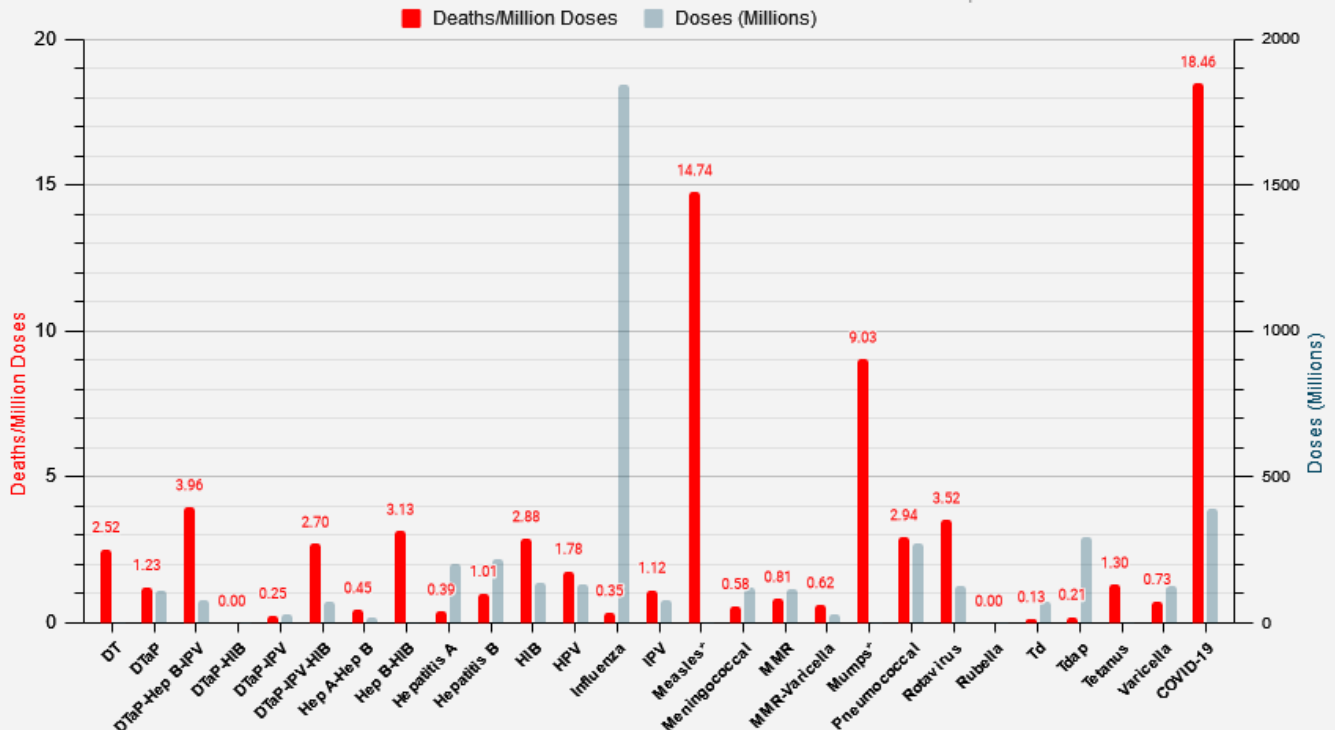
Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



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

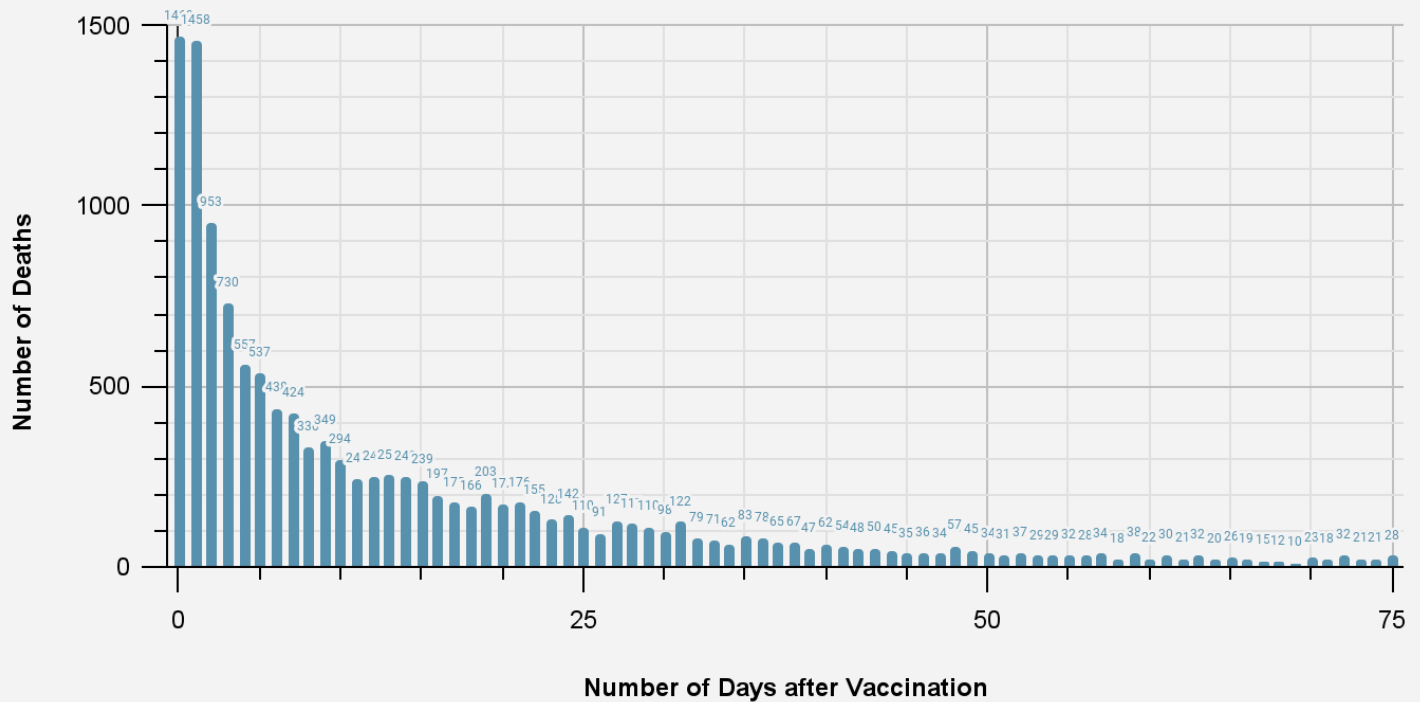
Data Obtained from CDC's VAERS and NVICP data & statistics report



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

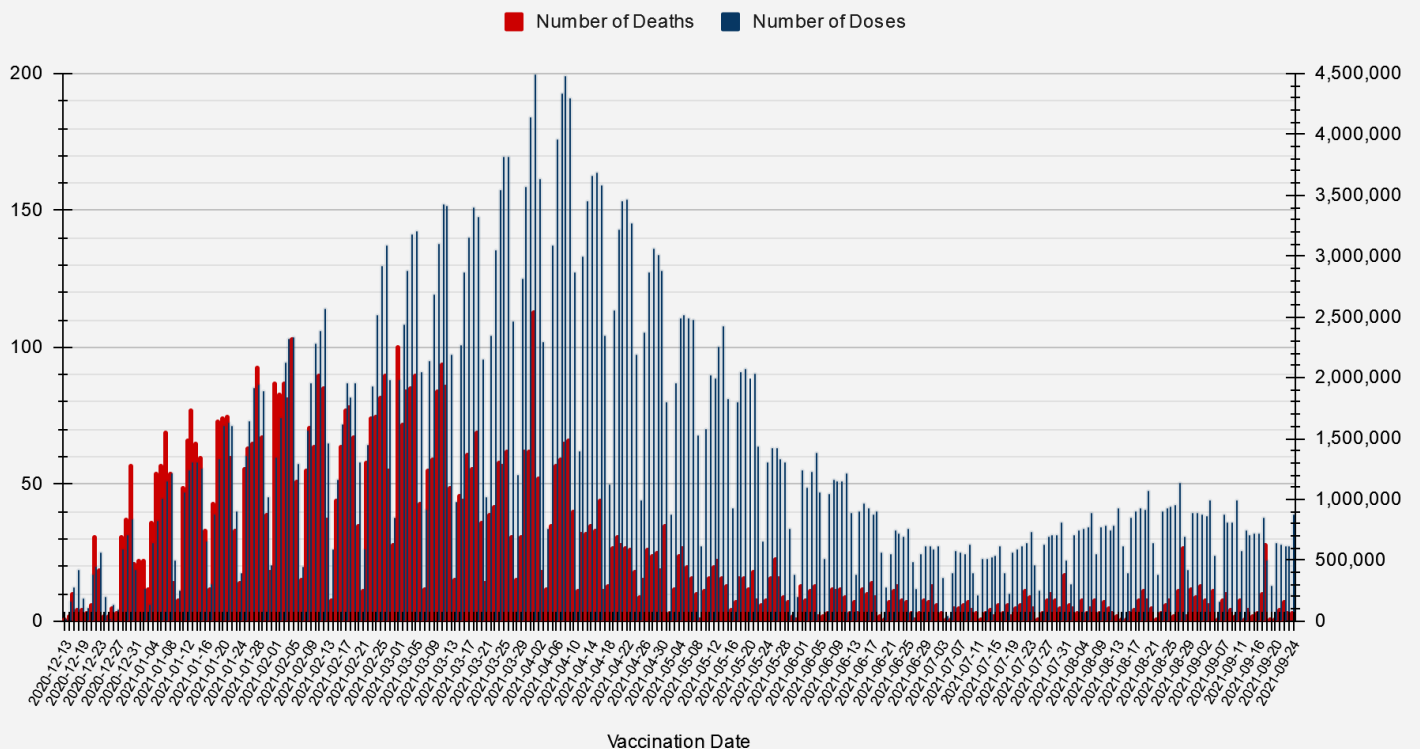
Number of Deaths by Days After COVID19 Vaccination

Data obtained from CDC's VAERS



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

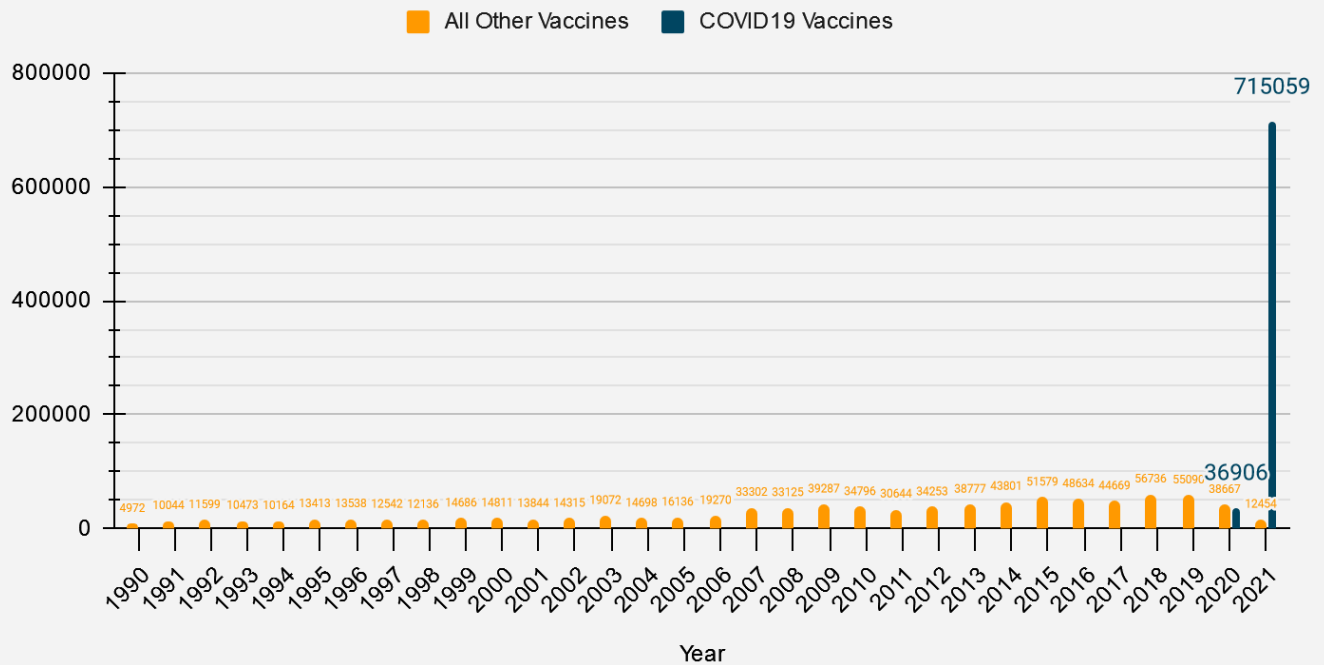
Data Obtained from CDC's VAERS & CDC



Adverse Events

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

Data obtained from CDC's VAERS

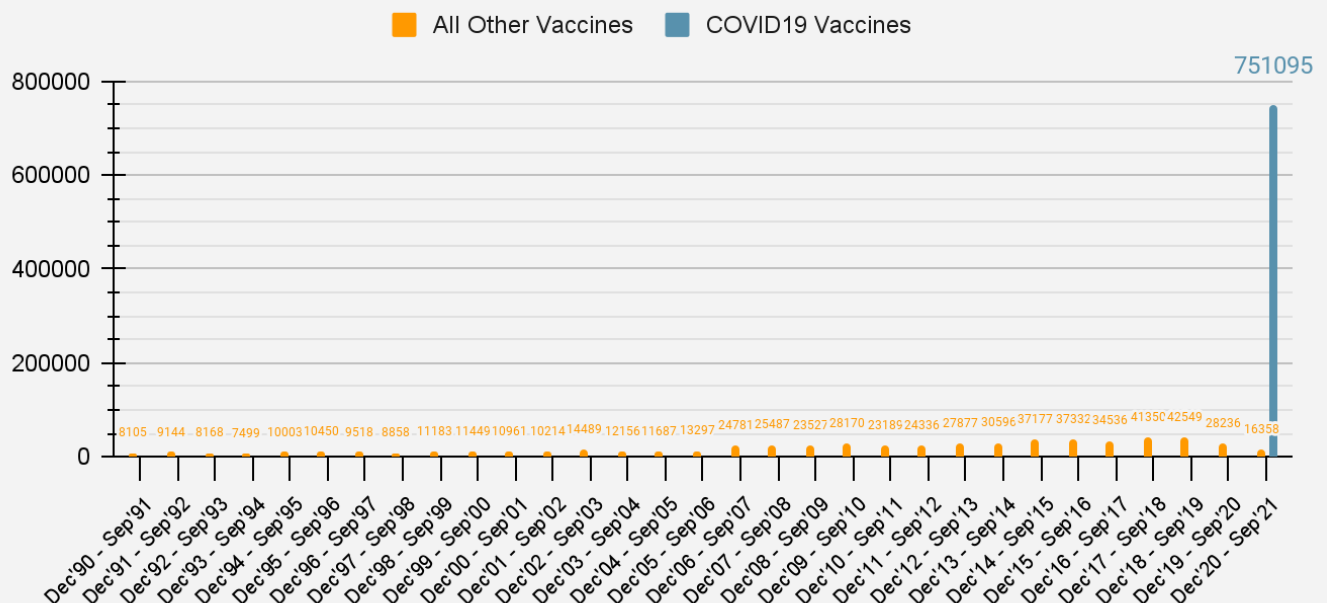


[Note that 838 records for COVID19 were scattered throughout years earlier than 2020 due to incorrect date data in the VAERS system]

Chart below using comparable 9 month periods, since Covid-19 vaccines have only been available for approximately 9 months:

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

Data Obtained from CDC's VAERS



[Note that 1708 records for COVID19 were scattered throughout periods earlier than Dec'20-Sep'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 - 10/1/21)

Number of Adverse Events

8000
7000
6000
5000
4000
3000
2000
1000
0

11/26/20
12/3/20
12/10/20
12/17/20
12/24/20
1/1/21
1/8/21
1/15/21
1/22/21
1/29/21
2/5/21
2/12/21
2/19/21
2/26/21
3/5/21
3/12/21
3/19/21
3/26/21
4/2/21
4/9/21
4/16/21
4/23/21
4/30/21
5/7/21
5/14/21
5/21/21
5/28/21
6/4/21
6/11/21
6/18/21
6/25/21
7/2/21
7/9/21
7/16/21
7/23/21
7/30/21
8/6/21
8/13/21
8/20/21
8/27/21
9/3/21
9/10/21
9/17/21
9/24/21
10/1/21

Adverse Event Date

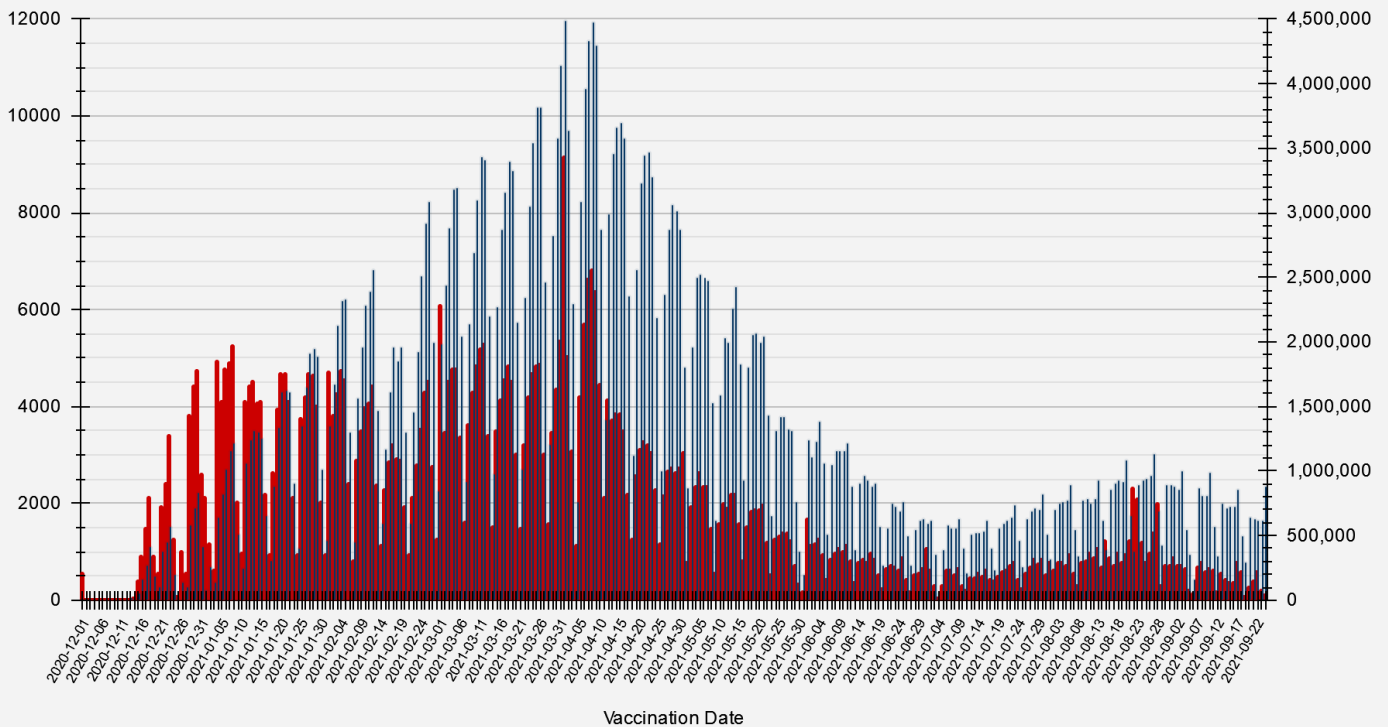
Data Drop Date

2/5/21
2/12/21
2/19/21
2/26/21
3/5/21
3/12/21
3/19/21
3/26/21
4/2/21
4/9/21
4/16/21
4/23/21
4/30/21
5/7/21
5/14/21
5/21/21
5/28/21
6/4/21
6/11/21
6/18/21
6/25/21
7/2/21
7/9/21
7/16/21
7/23/21
7/30/21
8/6/21
8/13/21
8/20/21
8/27/21
9/3/21
9/10/21
9/17/21
9/24/21
10/1/21

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	1235	25
Acute Disseminated Encephalomyelitis	84	3
Transverse Myelitis	245	0
Encephalitis	1019	104
Convulsions/Seizures	9331	290
Stroke	8810	848
Narcolepsy, Cataplexy	172	3
Anaphylaxis	34132	138
Acute Myocardial Infarction (Heart Attack)	2431	824
Myocarditis/Pericarditis	6490	96
Autoimmune Disease	707	18
Other Acute Demyelinating Diseases	165	2
Pregnancy and birth outcomes (Miscarriages)	2080	58
Other Allergic Reactions	1422	1
Thrombocytopenia	2933	229
Disseminated Intravascular Coagulation	135	40
Venous Thromboembolism	13152	756
Arthritis and Arthralgia/Joint Pain	49703	148
Kawasaki Disease	29	1
Systemic Inflammatory Response Syndrome	408	31

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]	31	1 in 5,401,537	0.000019%	.19
COVID19	167,733,972 ^[2]	5,408	1 in 31,015	0.003224%	32.24
Risk of dying from COVID vaccine is 174.2 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	9,674	1 in 17,309	0.005777%	57.77
COVID19	167,733,972	499,215	1 in 336	0.2976%	2,976
Risk of adverse reaction from COVID vaccine is 51.55 times greater than Flu Vaccine					

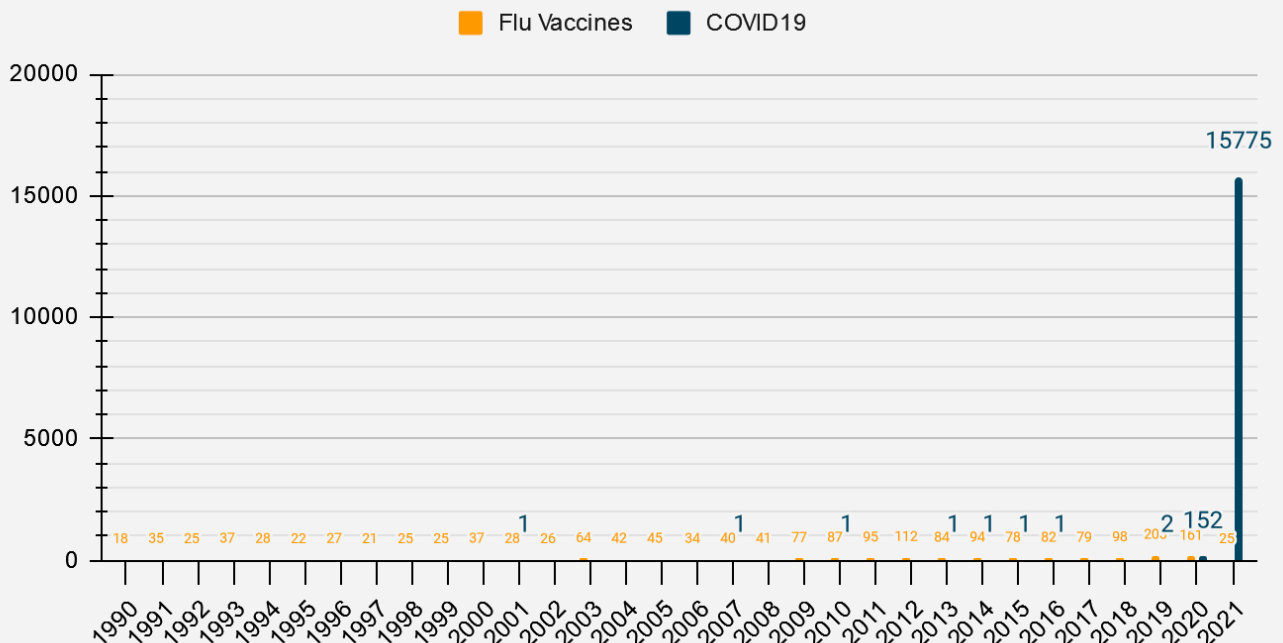
[1] number of flu vaccinations based on estimated flu vaccine coverage data from [CDC](#) and estimated population data from [US Census](#). Yearly flu vaccination data covers a period of time from 7/1 to 5/31 of the following year.

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

[3] Persons vaccinated with at least one dose.

Reported Deaths by Year, COVID19 vs. Flu Vaccines

Data Obtained from CDC's VAERS



Vaccine Data by Manufacturer

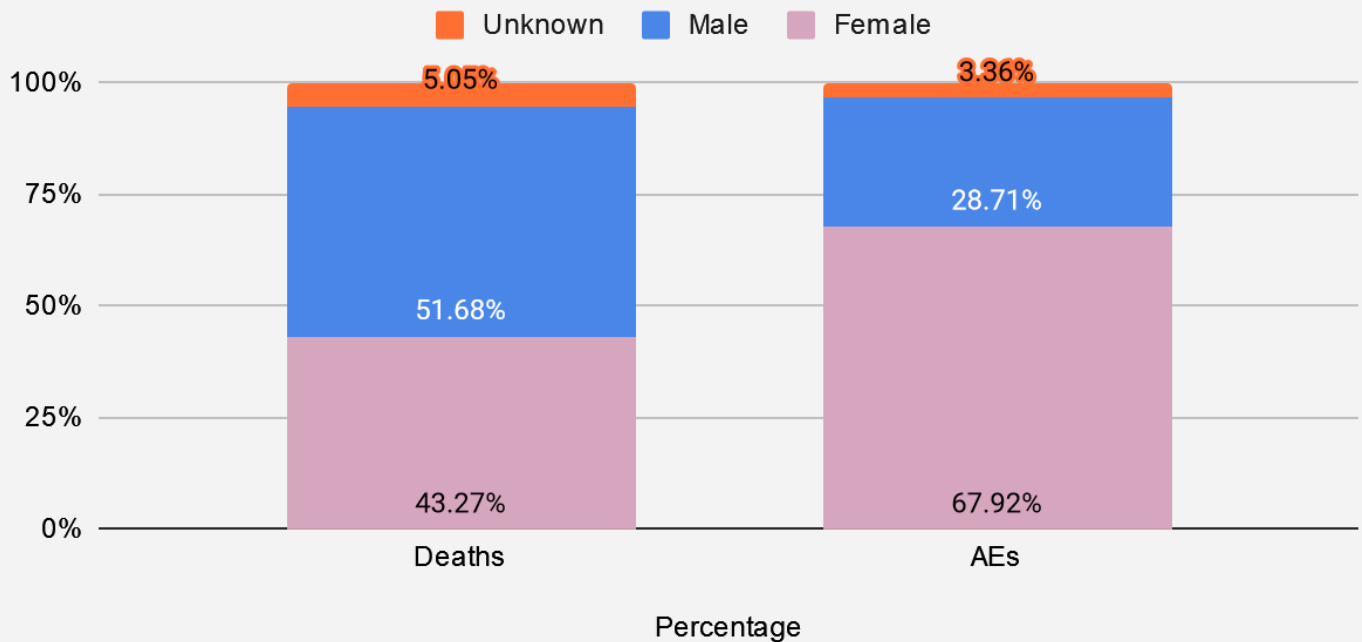
Manufacturer	# of Deaths	% Deaths	Average Deaths/Day	# US Deaths	# US Doses Administered	Average US Deaths/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	1112	6.97%	5.3	750	15,000,326	50	210	2/26/21
Moderna	3933	24.66%	14.05	3178	151,481,614	20.98	280	12/18/20
Pfizer/Biontech	10852	68.05%	37.81	3261	226,033,301	14.43	287	12/11/20
Unknown	49	0.31%		32	394,754			

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)	58749	7.8%	279.76	53161	15,000,326	3543.99	210	2/26/21
Moderna	298498	39.61%	1066.06	278699	151,481,614	1839.82	280	12/18/20
Pfizer/Biontech	394765	52.38%	1375.49	249375	226,033,301	1103.27	287	12/11/20
Unknown	1585	0.21%		1267	394,754			

Vaccine Data by Gender

Gender Distribution of Reported Deaths and AEs after COVID19 Vaccination

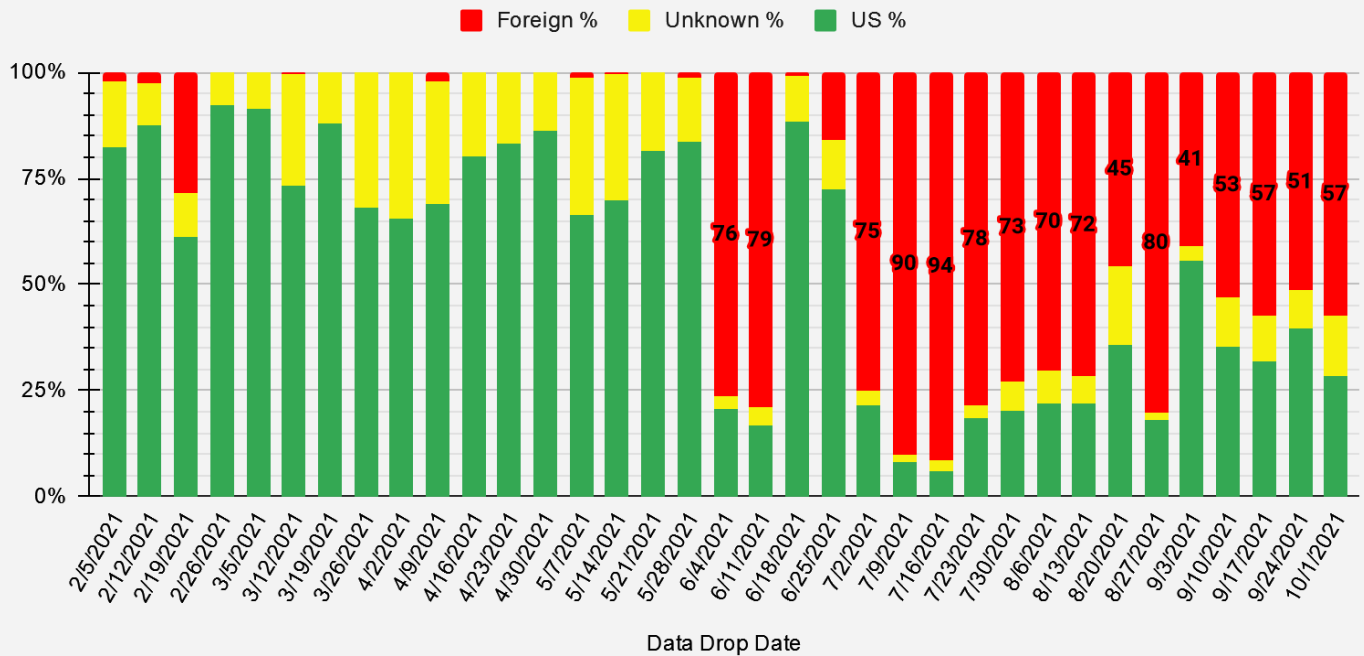
All Data Obtained from CDC's VAERS



Vaccine Data by Location

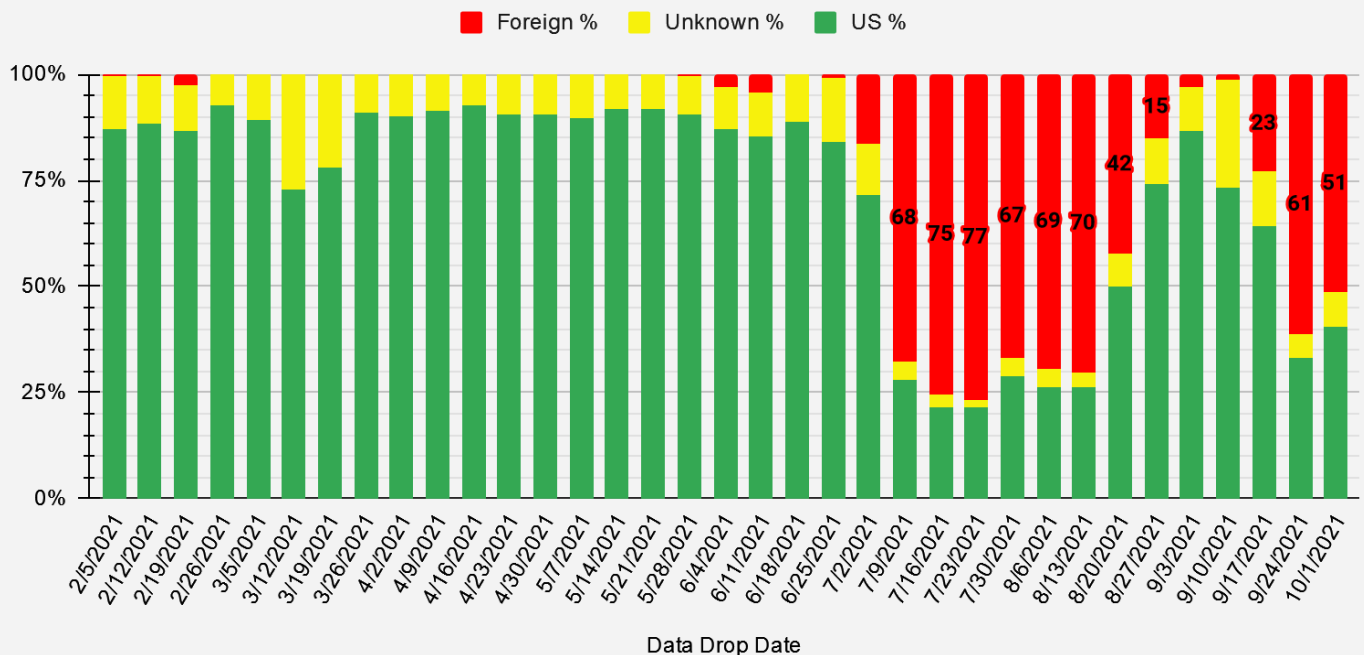
Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS



Distribution by Location of Reported Adverse Events after COVID19 Vaccination

All Data Obtained from CDC's VAERS



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/covaxview/coverage-1920estimates.htm>