

VAERS Summary for COVID-19 Vaccines through 6/25/2021

All charts and tables below reflect the data release on 7/2/2021 from the VAERS website, which includes U.S. and foreign data, and is updated through: **6/25/2021**.

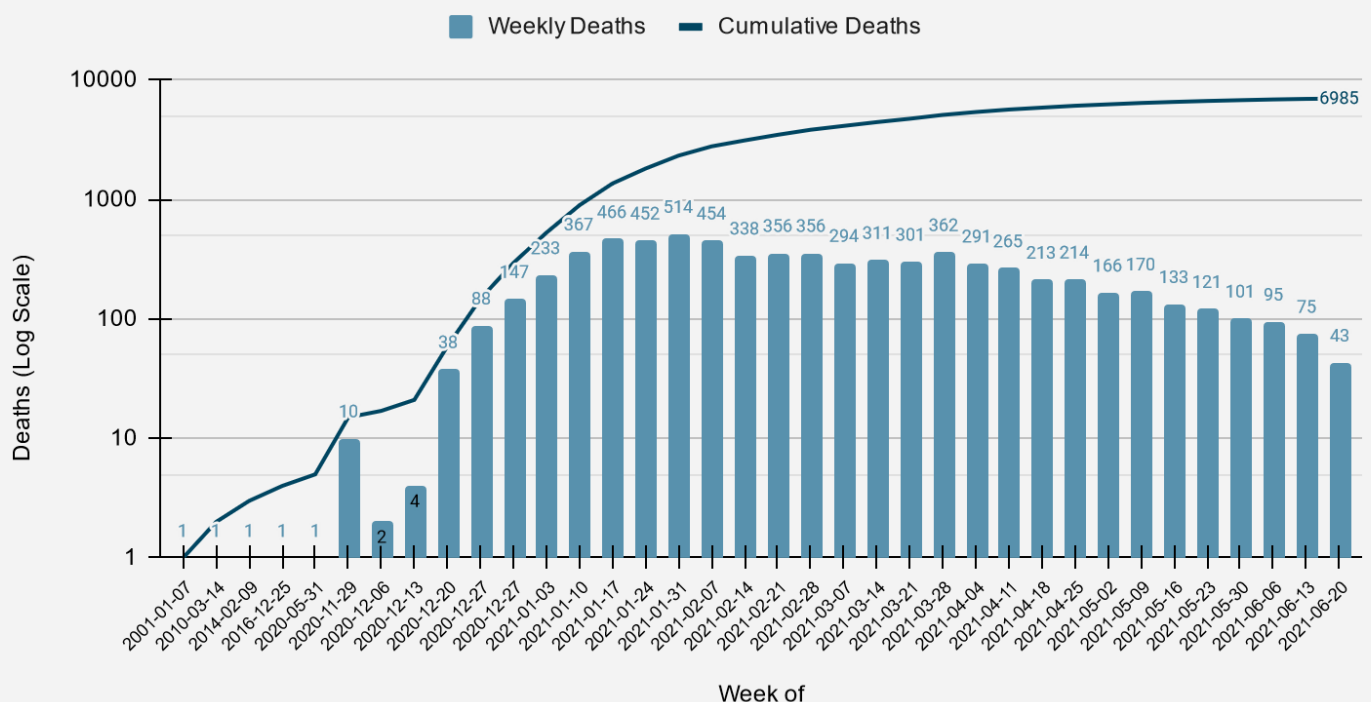
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 2000-present	All other vaccines 1990-present
Number of Adverse Reactions	411,930	695,546	809,102
Number of Life-Threatening Events	6,898	10,965	13,260
Number of Hospitalizations	23,257	65,282	77,186
Number of Deaths	6,985*	6,950*	8,772
# of Permanent Disabilities after vaccination	5,852	15,097	18,759
Number of Office Visits	77,819	41,406	41,433
# of Emergency Room/Department Visits	54,551	167,166	208,502
# of Birth Defects after vaccination	205	126	127

*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 2000.

Deaths

Reported Deaths by Week, COVID19 Vaccines

Data Obtained from CDC's VAERS

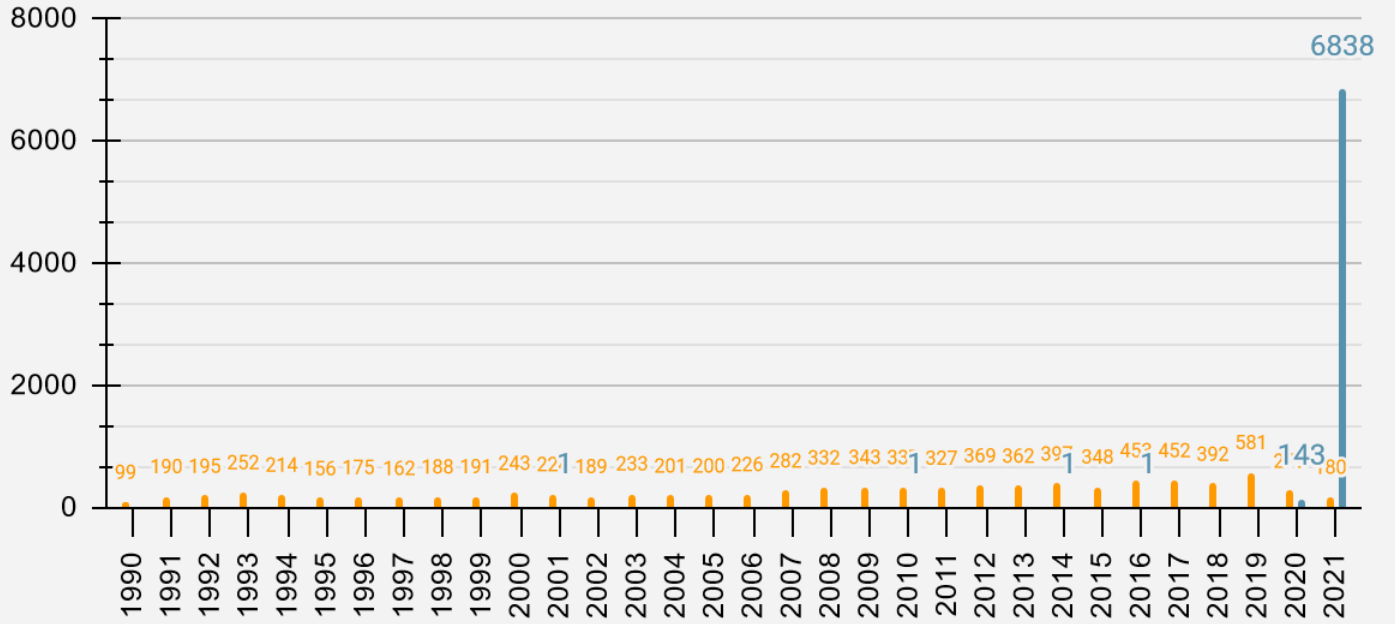


[Note that counts for weeks 2001-01-07, 2010-03-14, 2014-02-09, 2016-12-25, AND 2020-05-31 are due to incorrect date data in the VAERS system]

Reported Deaths by Year, COVID19 vs. All Other Vaccines

Data Obtained from CDC's VAERS

■ All Other Vaccines
 ■ COVID-19 Vaccines



[Note that COVID19 counts for years 2001, 2010, 2014, and 2016 are due to incorrect date data in the VAERS system]

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

Data Obtained from CDC's VAERS

● COVID19 Vaccines cumulative
 ● All Other Vaccines cumulative

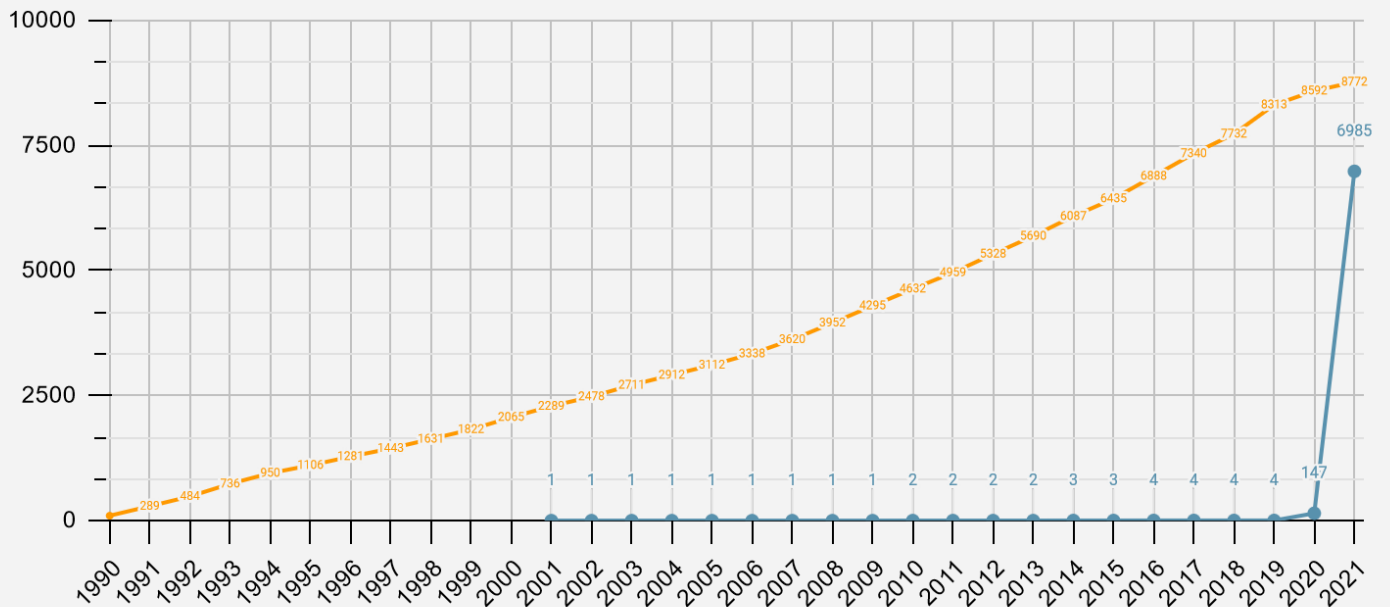
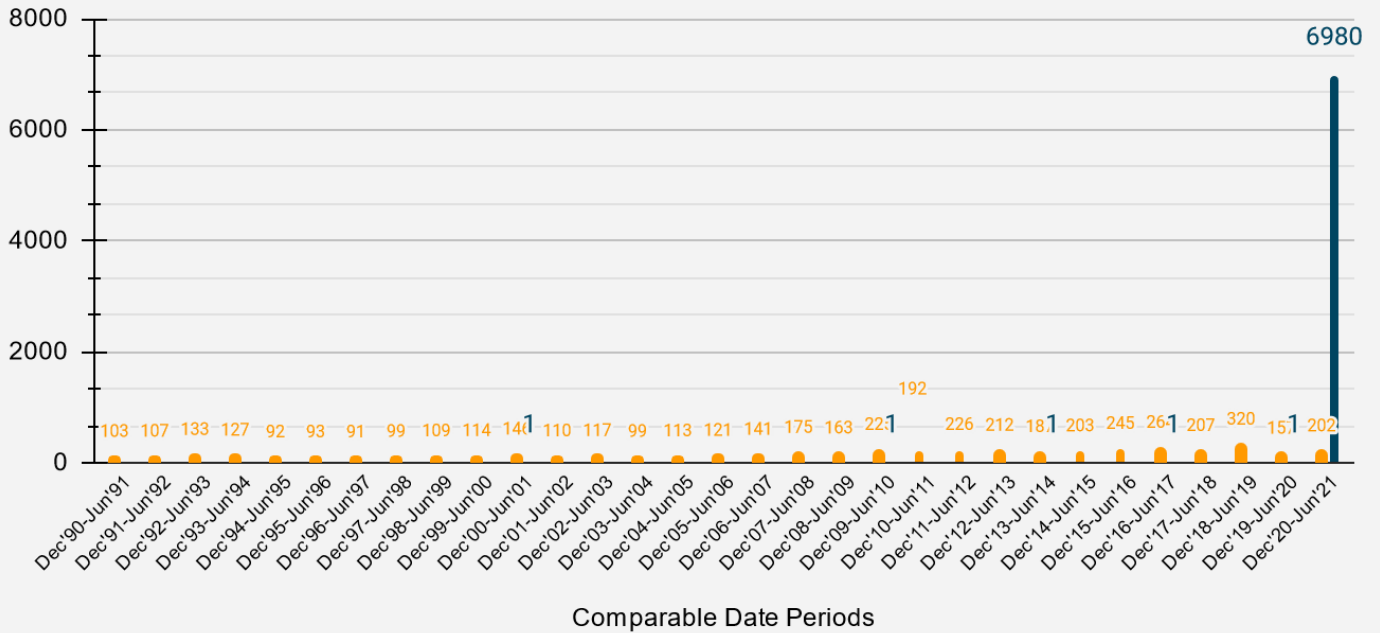


Chart below using comparable 6 month periods, since Covid-19 vaccines have only been available for approximately 6 months:

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

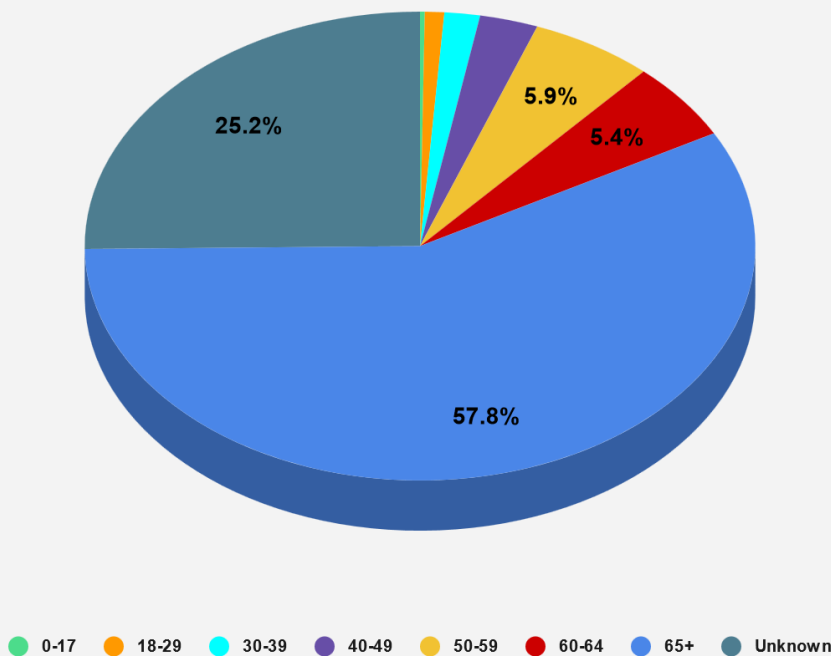
Data obtained from CDC's VAERS

■ All Other Vaccines
 ■ COVID19 Vaccines



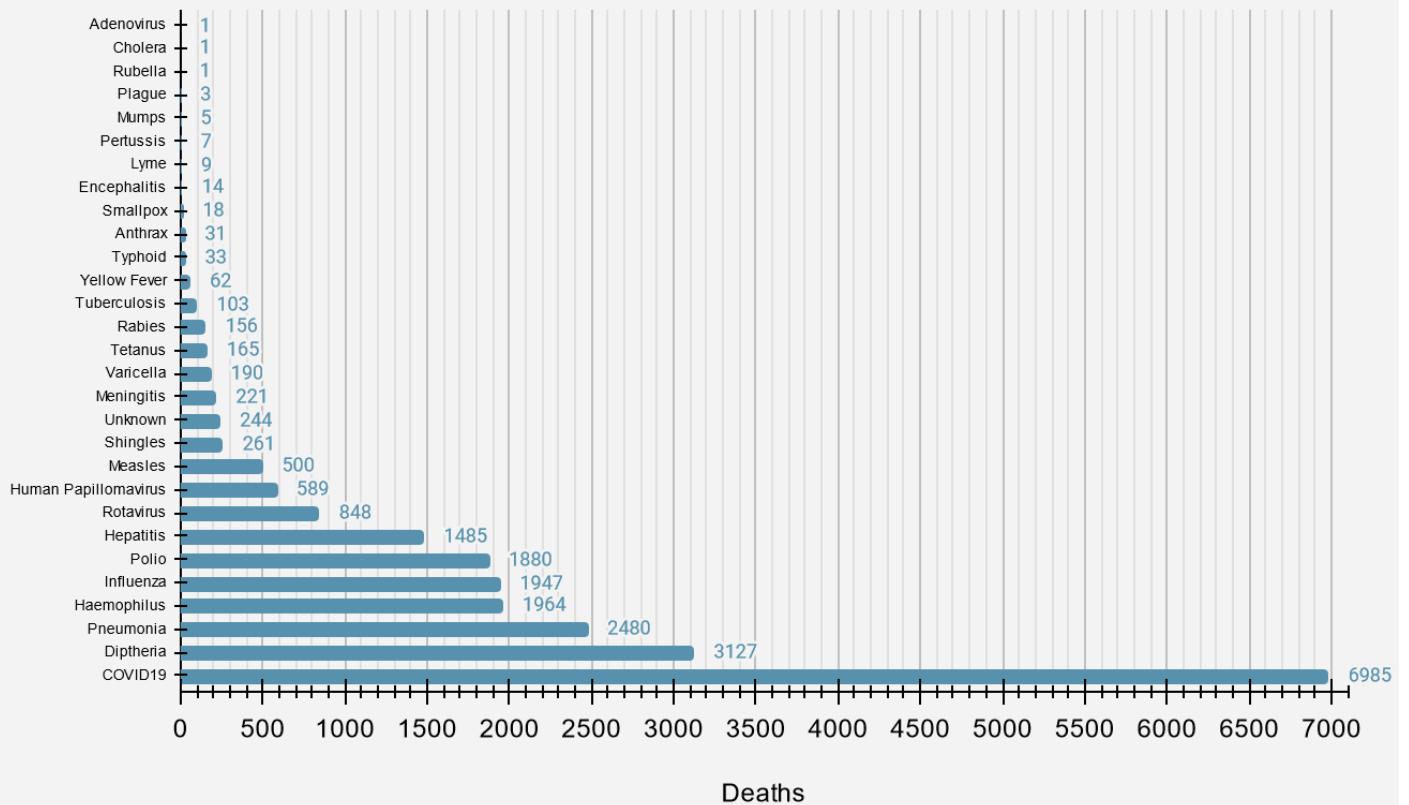
Age Distribution of Reported Deaths After COVID19 Vaccination

Data obtained from CDC's VAERS



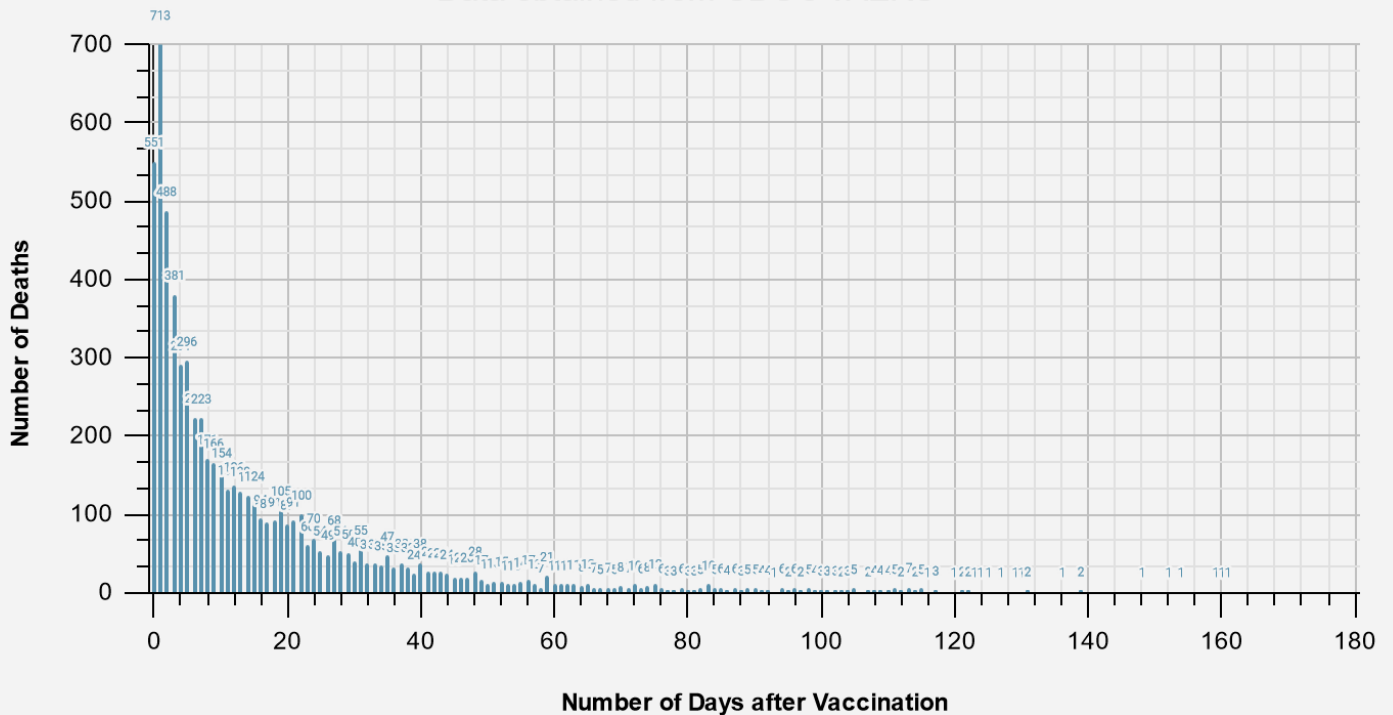
Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



Number of Deaths by Days After COVID19 Vaccination

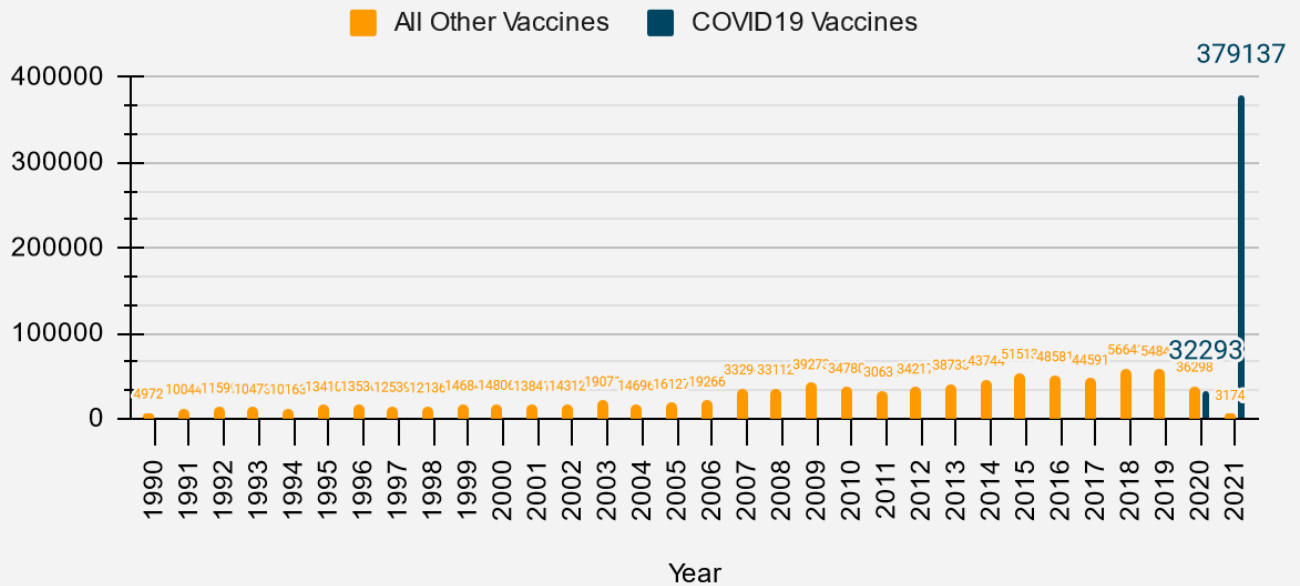
Data obtained from CDC's VAERS



Adverse Events

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

Data obtained from CDC's VAERS

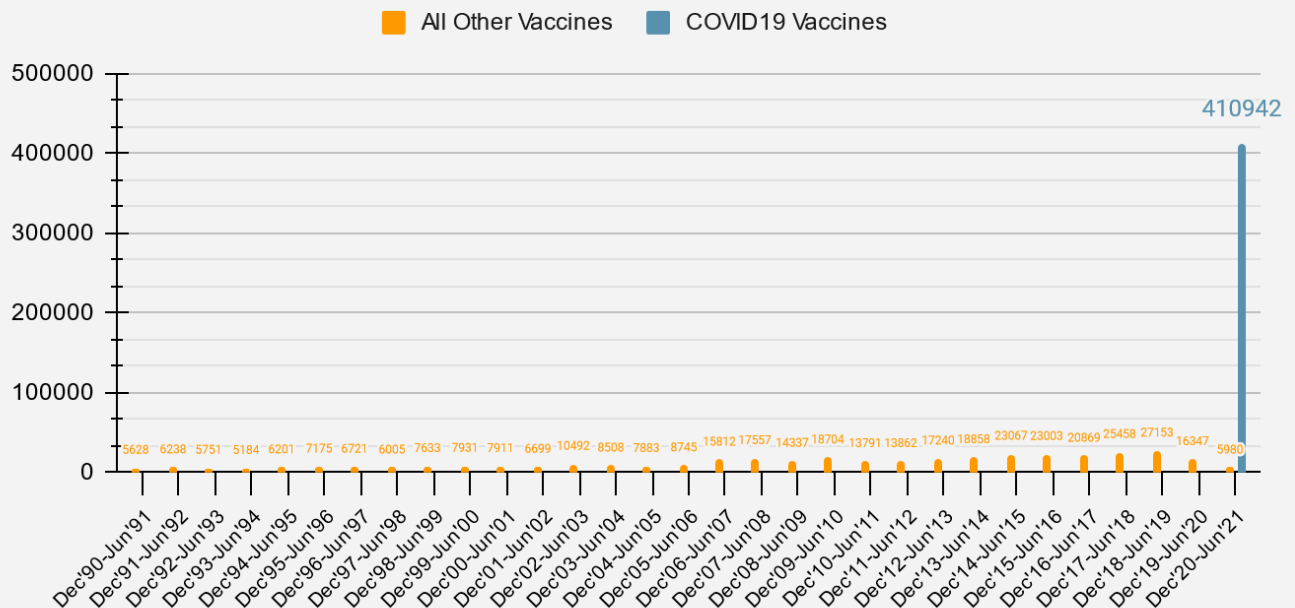


[Note that 500 records for COVID19 were scattered throughout years earlier than 2020 due to incorrect date data in the VAERS system]

Chart below using comparable 6 month periods, since Covid-19 vaccines have only been available for approximately 6 months:

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

Data Obtained from CDC's VAERS



[Note that 988 records for COVID19 were scattered throughout periods earlier than Dec'20-Jun'21 due to incorrect date data in the VAERS system]

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	370	8
Acute Disseminated Encephalomyelitis	20	0
Transverse Myelitis	121	0
Encephalitis	363	43
Convulsions/Seizures	4412	121
Stroke	3599	340
Narcolepsy, Cataplexy	52	0
Anaphylaxis	19841	54
Acute Myocardial Infarction (Heart Attack)	939	331
Myocarditis/Pericarditis	1569	15
Autoimmune Disease	230	7
Other Acute Demyelinating Diseases	57	1
Pregnancy and birth outcomes (Miscarriages)	780	11
Other Allergic Reactions	528	0
Thrombocytopenia	708	63
Disseminated Intravascular Coagulation	37	16
Venous Thromboembolism	4610	246
Arthritis and Arthralgia/Joint Pain	25980	46
Kawasaki Disease	10	0
Systemic Inflammatory Response Syndrome	192	7

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	# of Deaths	Risk of Death	Percentage
Flu	167,447,642 ^[1]	91	1 in 1,840,083	0.000054%
COVID19	167,733,972 ^[2]	6,692	1 in 25,065	0.003990%
Risk of dying from COVID vaccine is 73.4 times greater than Flu Vaccine				

Vaccine Type	# of Vaccinations	# of Adverse Reactions	Risk of Adverse Reaction	Percentage
Flu	167,447,642	10,433	1 in 16,050	0.006231%
COVID19	167,733,972	399,237	1 in 494	0.2022%
Risk of adverse reaction from COVID vaccine is 32.5 times greater than Flu Vaccine				

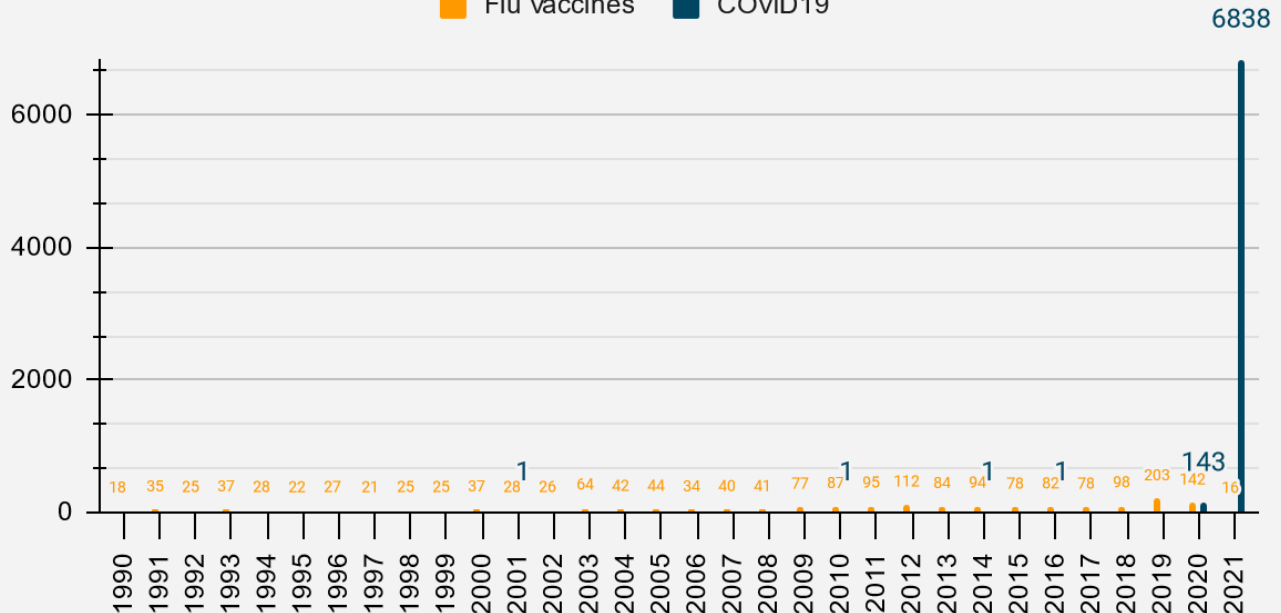
[1] number of flu vaccinations based on estimated flu vaccine coverage data from [CDC](#) and estimated population data from [US Census](#). Yearly flu vaccination data covers a period of time from 7/1 to 5/31 of the following year.

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

Reported Deaths by Year, COVID19 vs. Flu Vaccines

Data Obtained from CDC's VAERS

■ Flu Vaccines ■ COVID19



Vaccine Data by Manufacturer

Manufacturer	# of Deaths	% Deaths	Average Deaths/Day	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	484	6.93%	4.07	119	2/26/2021
Moderna	2461	35.21%	13.02	189	12/18/2020
Pfizer/Biontech	4017	57.48%	20.49	196	12/11/2020
Unknown	27	0.39%			

Manufacturer	# of Adverse Events	% AEs	Average AEs/Day	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	41467	10.06%	348.46	119	2/26/2021
Moderna	183570	44.52%	971.27	189	12/18/2020
Pfizer/Biontech	186270	45.18%	950.36	196	12/11/2020
Unknown	991	0.24%			

Vaccine Data by Gender

Gender Distribution of Reported Deaths and AEs after COVID19 Vaccination

All Data Obtained from CDC's VAERS

