

VAERS Summary for COVID-19 Vaccines through 6/11/2021

All charts and tables below reflect the data release on 6/18/2021 from the VAERS website, which includes U.S. and foreign data, and is updated through: **6/11/2021**.

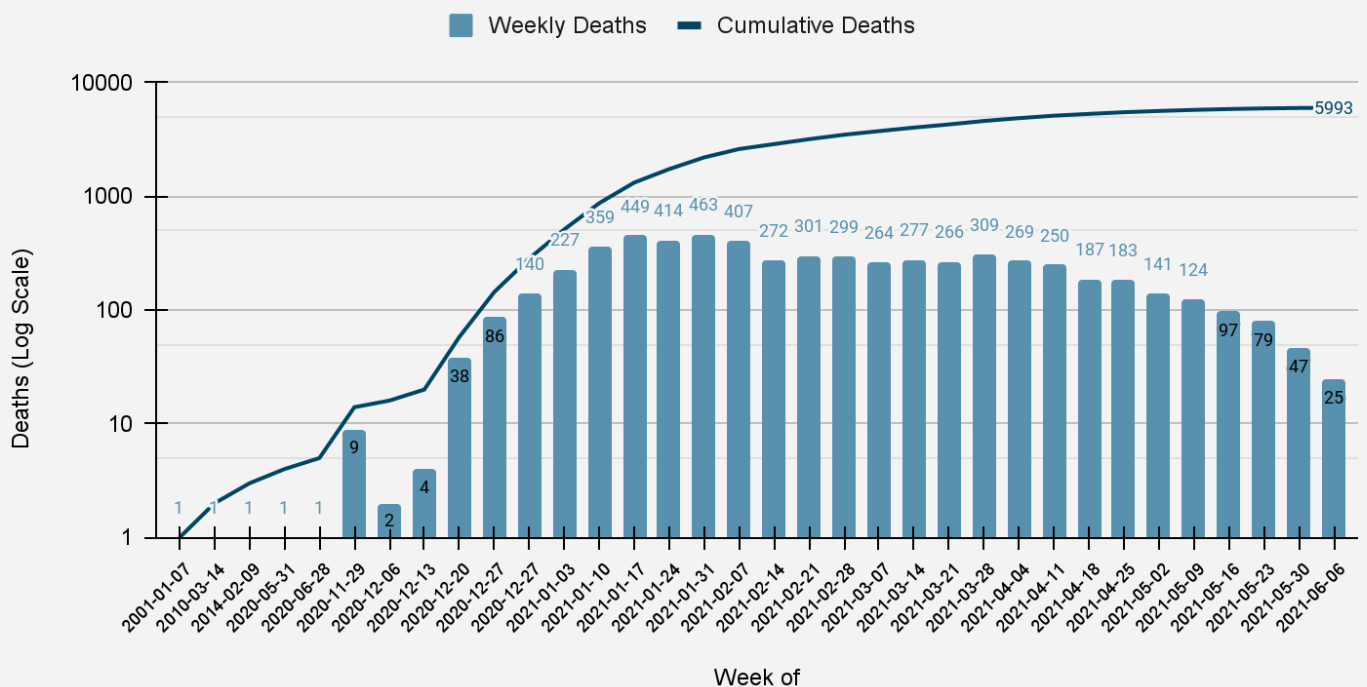
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 2004-present	All other vaccines 1990-present
Number of Adverse Reactions	358,378	631,626	807,207
Number of Life-Threatening Events	6,156	9,594	13,200
Number of Hospitalizations	20,737	59,150	77,017
Number of Deaths	5,993*	6,042*	8,753
# of Permanent Disabilities after vaccination	4,874	13,187	18,623
Number of Office Visits	65,621	40,975	41,046
# of Emergency Room/Department Visits	47,791	141,830	208,289
# of Birth Defects after vaccination	183	121	123

*Note that the total number of deaths associated with the COVID-19 vaccines is almost equivalent to the number of deaths associated with all other vaccines combined since the year 2004.

Deaths

Reported Deaths by Week, COVID19 Vaccines

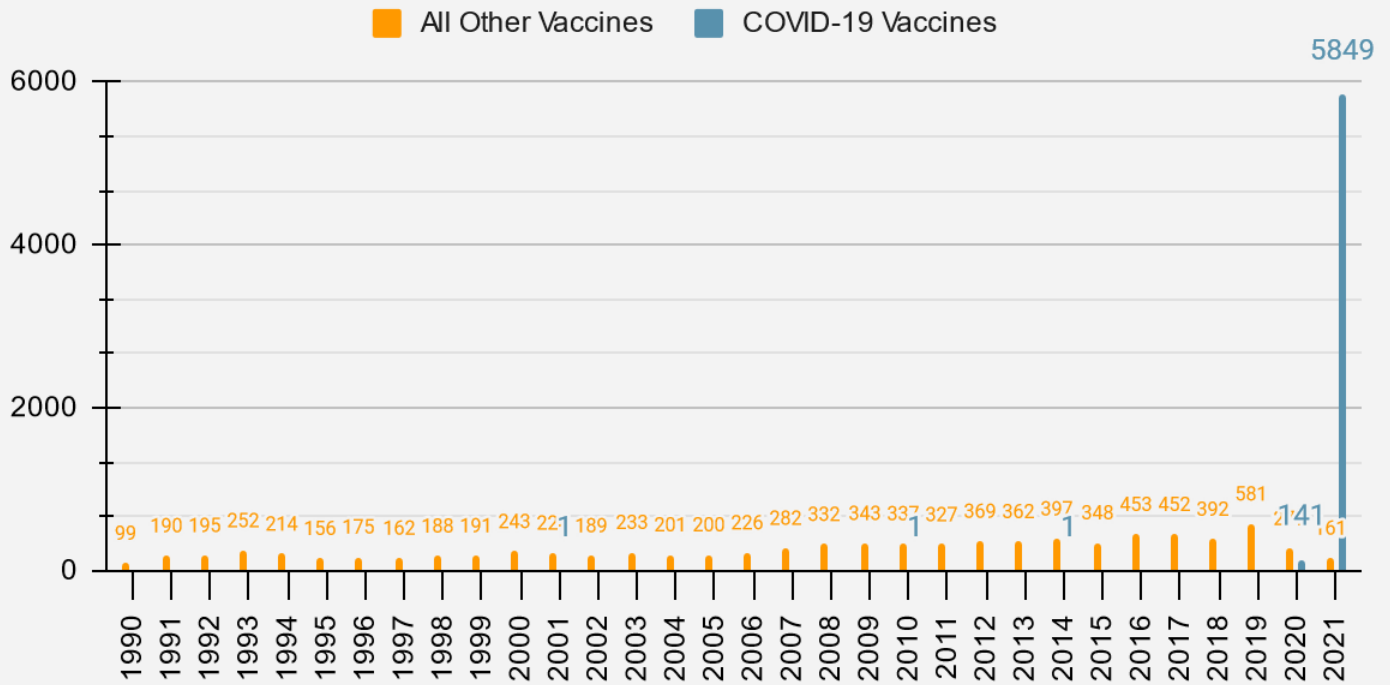
Data Obtained from CDC's VAERS



[Note that counts for weeks 2001-01-07, 2010-03-14, 2014-02-09, 2020-05-31, and 2020-06-28 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 2001, 2010, 2014 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

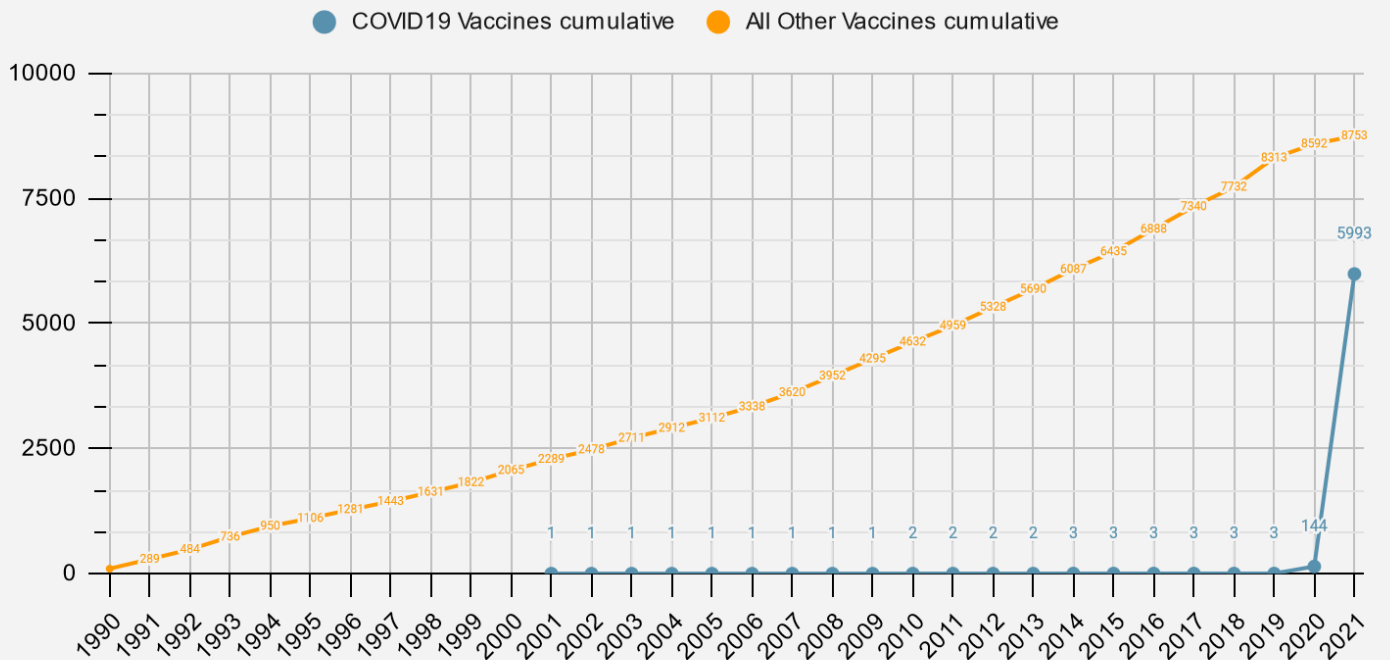
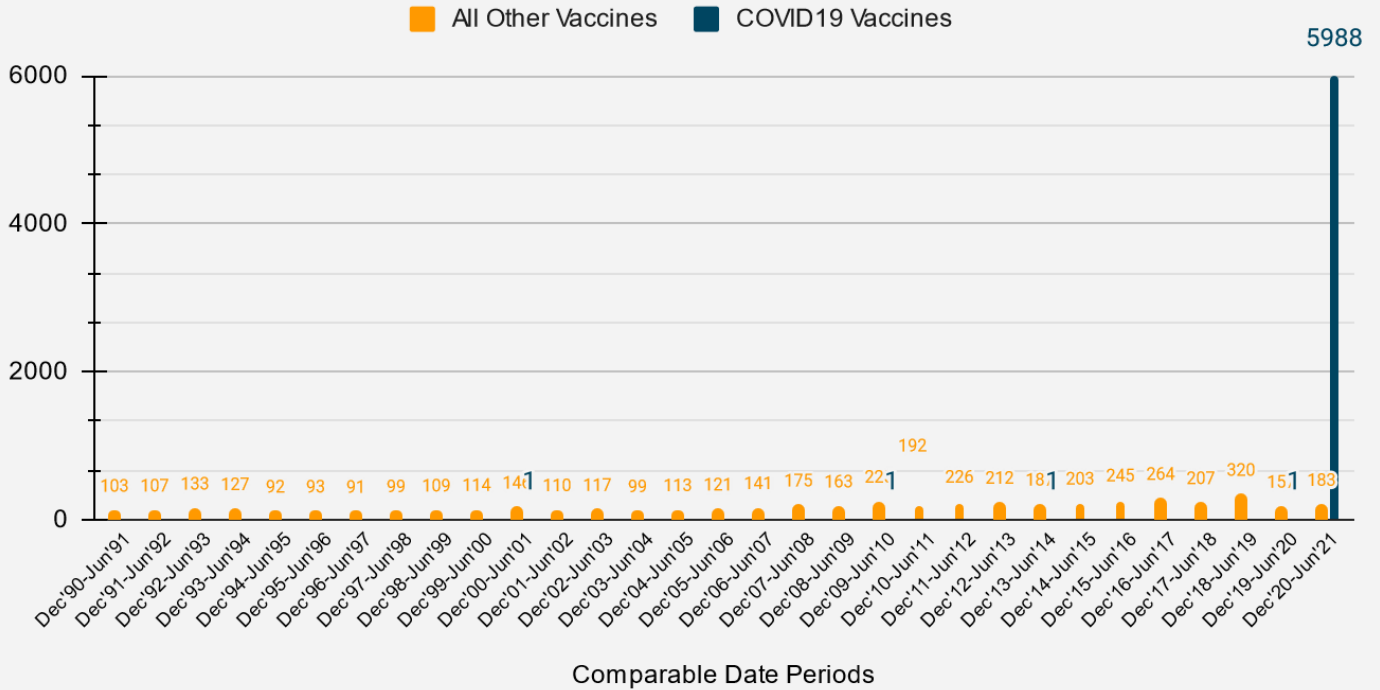


Chart below using comparable 6 month periods, since Covid-19 vaccines have only been available for approximately 6 months:

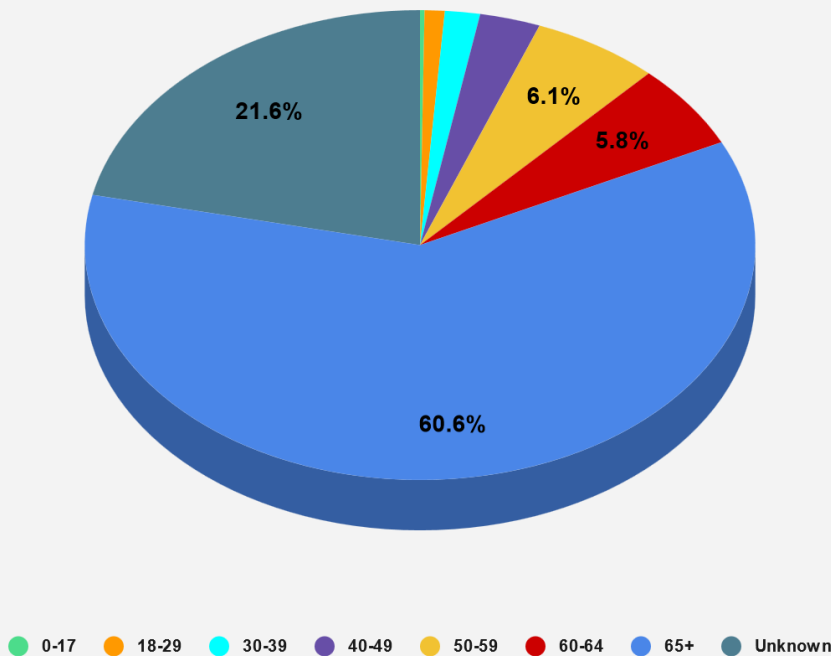
Reported Deaths by Comparable Date Periods, COVID19 vs. All Other Vaccines

Data obtained from CDC's VAERS



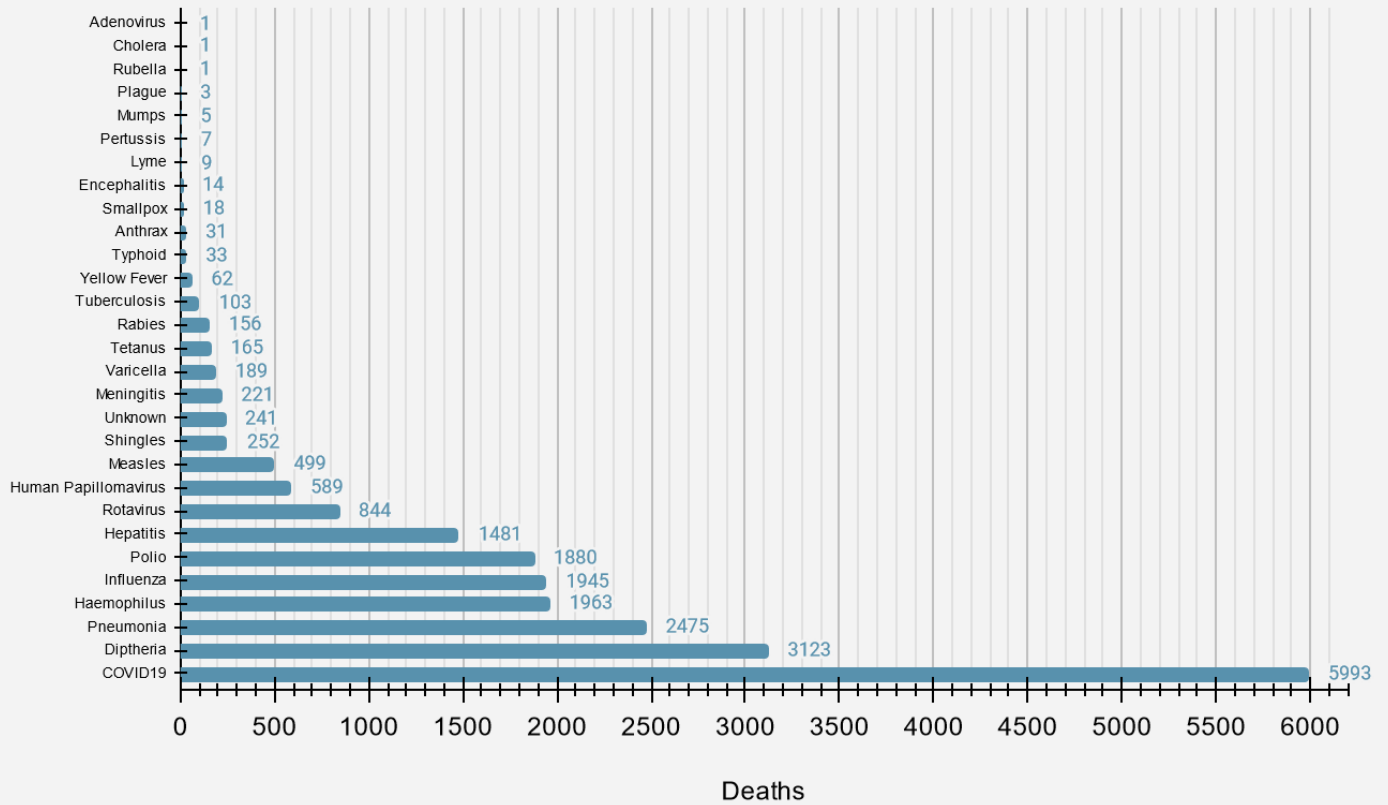
Age Distribution of Reported Deaths After COVID19 Vaccination

Data obtained from CDC's VAERS



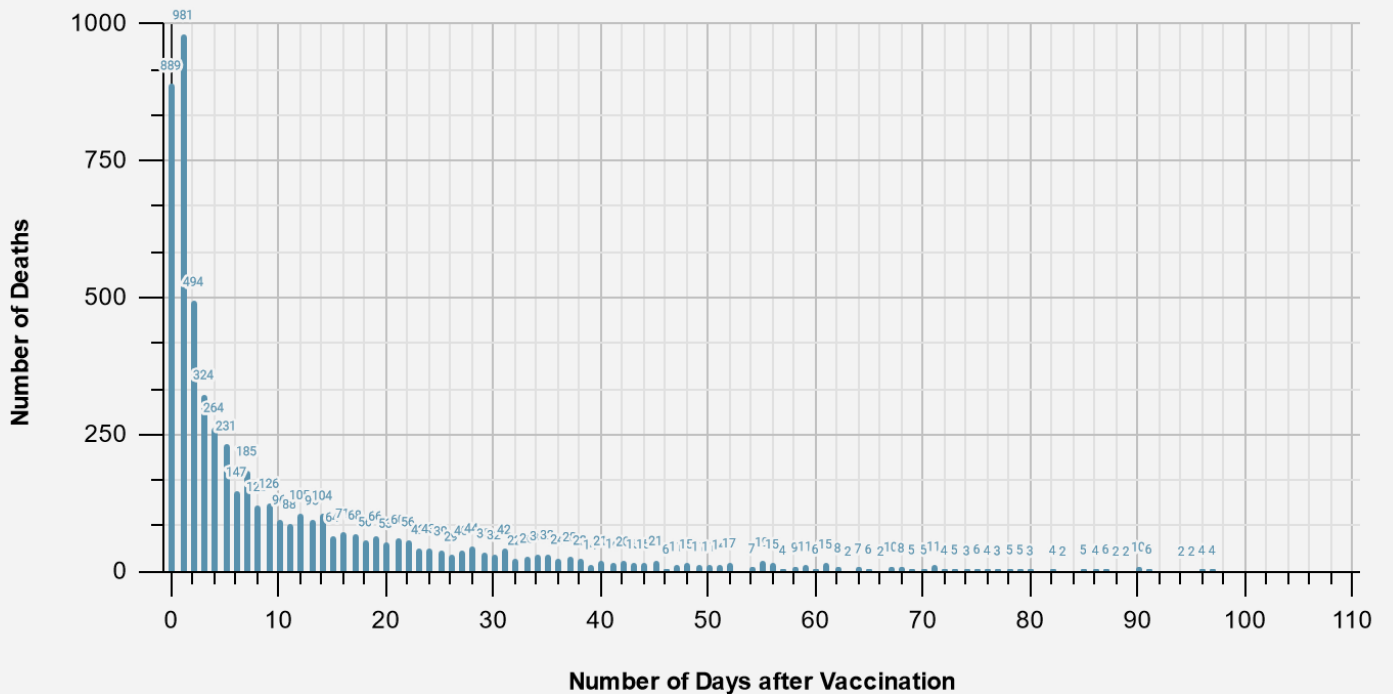
Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



Number of Deaths by Days After COVID19 Vaccination

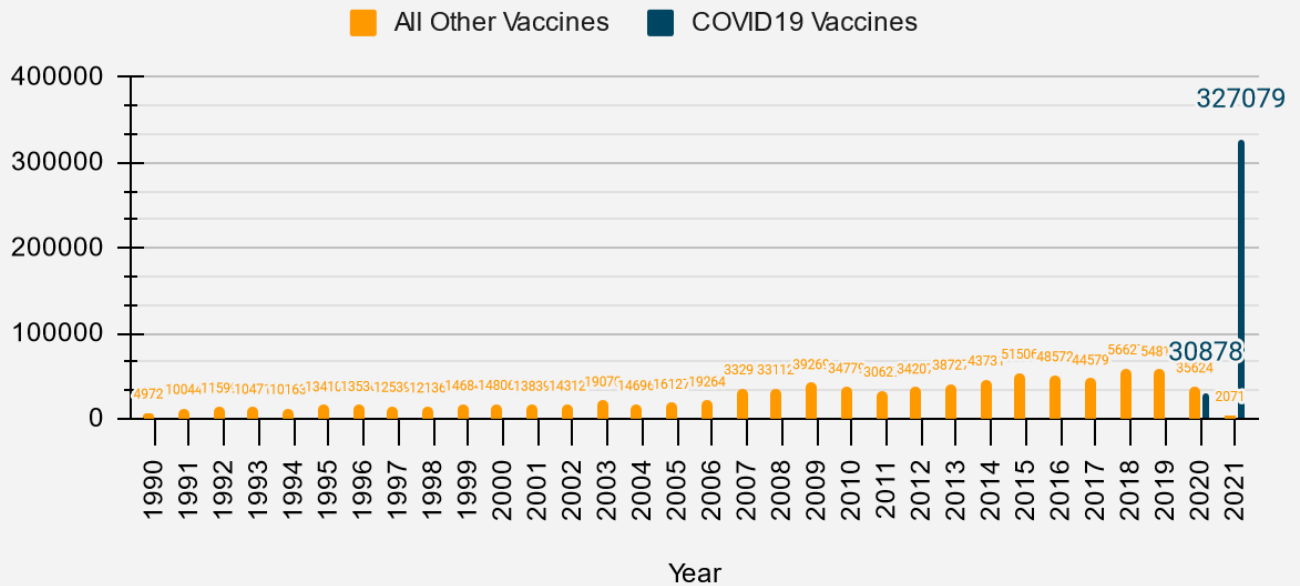
Data obtained from CDC's VAERS



Adverse Events

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

Data obtained from CDC's VAERS

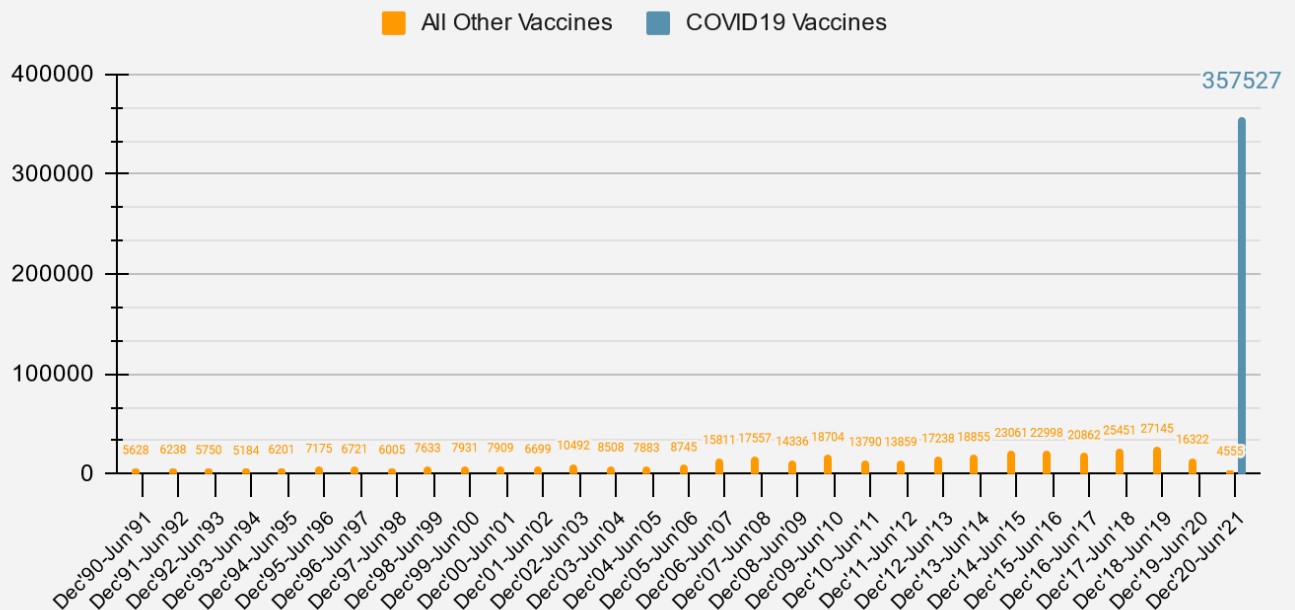


[Note that 421 records for COVID19 were scattered throughout years earlier than 2020 due to incorrect date data in the VAERS system]

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 851 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	335	7
Acute Disseminated Encephalomyelitis	19	0
Transverse Myelitis	116	0
Encephalitis	323	38
Convulsions/Seizures	3759	99
Stroke	3218	288
Narcolepsy, Cataplexy	45	0
Anaphylaxis	17582	44
Acute Myocardial Infarction (Heart Attack)	823	266
Myocarditis/Pericarditis	1117	8
Autoimmune Disease	184	7
Other Acute Demyelinating Diseases	48	1
Pregnancy and birth outcomes (Miscarriages)	699	8
Other Allergic Reactions	450	0
Thrombocytopenia	610	55
Disseminated Intravascular Coagulation	32	13
Venous Thromboembolism	4082	196
Arthritis and Arthralgia/Joint Pain	22617	39
Kawasaki Disease	7	0
Systemic Inflammatory Response Syndrome	162	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]	5,863	1 in 28,609	0.003495%
Risk of dying from COVID vaccine is 64.3 times greater than Flu Vaccine				

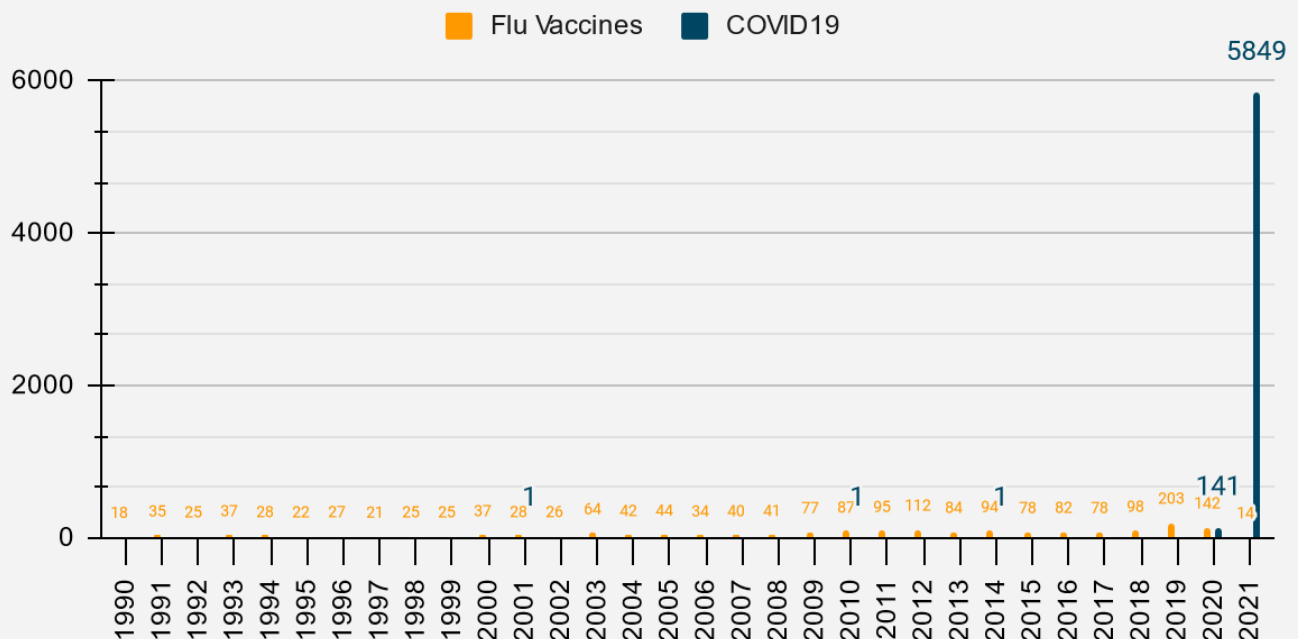
Vaccine Type	# of Vaccinations	# of Adverse Reactions	Risk of Adverse Reaction	Percentage
Flu	167,447,642	10,433	1 in 16,050	0.006231%
COVID19	167,733,972	327,579	1 in 512	0.1953%
Risk of adverse reaction from COVID vaccine is 31.3 times greater than Flu Vaccine				

[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



Vaccine Data by Manufacturer

Manufacturer	# of Deaths	% Deaths	Average Deaths/Day	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	410	6.84%	3.9	105	2/26/2021
Moderna	2278	37.99%	13.02	175	12/18/2020
Pfizer/Biontech	3282	54.73%	18.03	182	12/11/2020
Unknown	27	0.45%			

Manufacturer	# of Adverse Events	% AEs	Average AEs/Day	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	39366	10.98%	374.91	105	2/26/2021
Moderna	164363	45.83%	939.22	175	12/18/2020
Pfizer/Biontech	154011	42.94%	846.21	182	12/11/2020
Unknown	932	0.26%			

Vaccine Data by Gender

Gender Distribution of Reported Deaths and AEs after COVID19 Vaccination

All Data Obtained from CDC's VAERS

