

# VAERS Summary for COVID-19 Vaccines through 5/28/2021

All charts and tables below reflect data from the VAERS website, including U.S. and foreign data, and is updated through: **5/28/2021**.

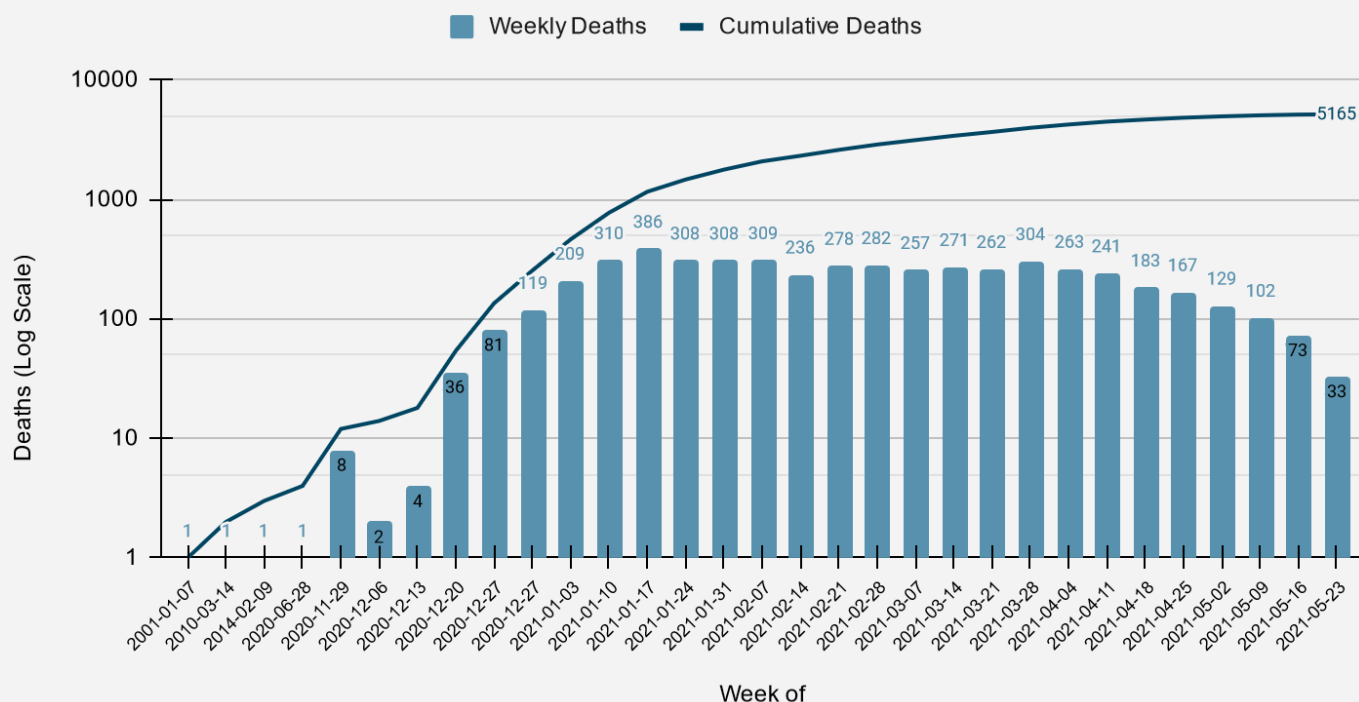
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 2007-present	All other vaccines 1990-present
Number of Adverse Reactions	294,800	547,172	806,122
Number of Life-Threatening Events	5,316	7,847	13,157
Number of Hospitalizations	17,619	50,255	76,871
Number of Deaths	5,165*	5,105*	8,725
# of Permanent Disabilities after vaccination	3,994	11,136	18,548
Number of Office Visits	51,131	40,678	40,844
# of Emergency Room/Department Visits	39,078	108,042	208,149
# of Birth Defects after vaccination	157	119	121

\*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 2007.

## Deaths

### Reported Deaths by Week, COVID19 Vaccines

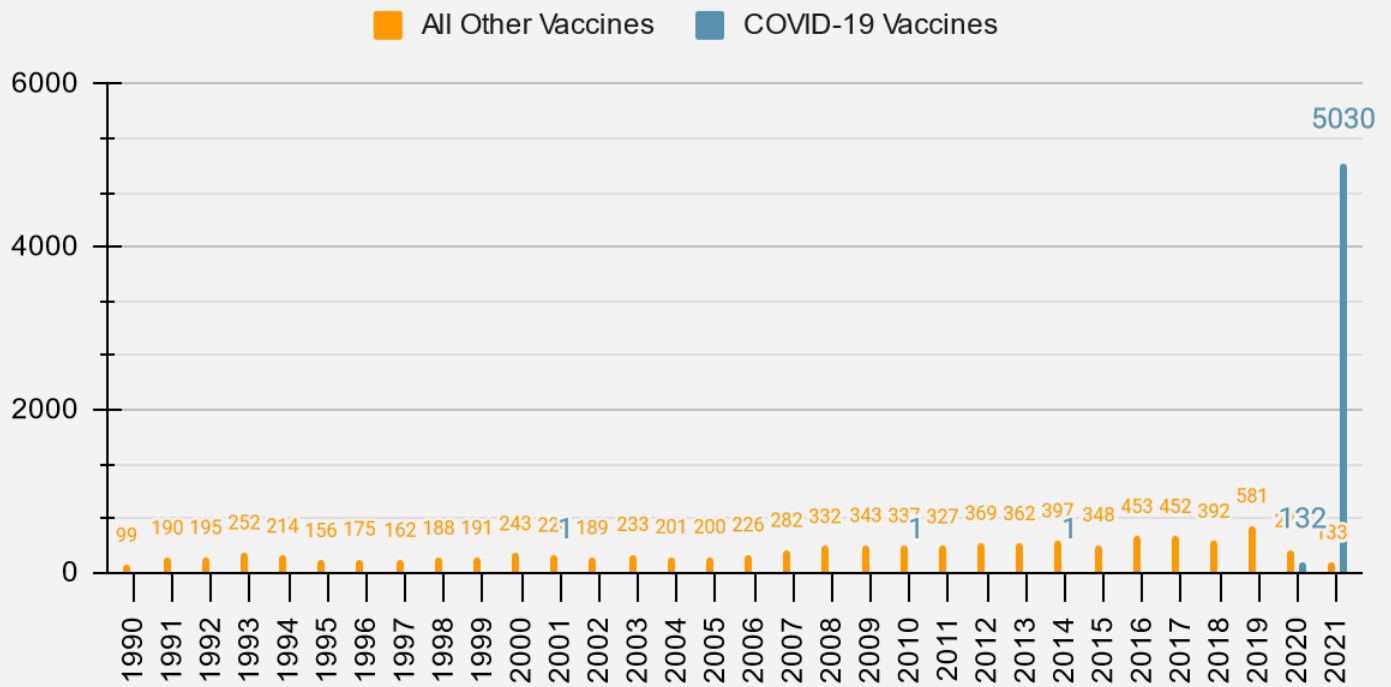
Data Obtained from CDC's VAERS



[Note that counts for weeks 2001-01-07, 2010-03-14, and 2014-02-09, 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

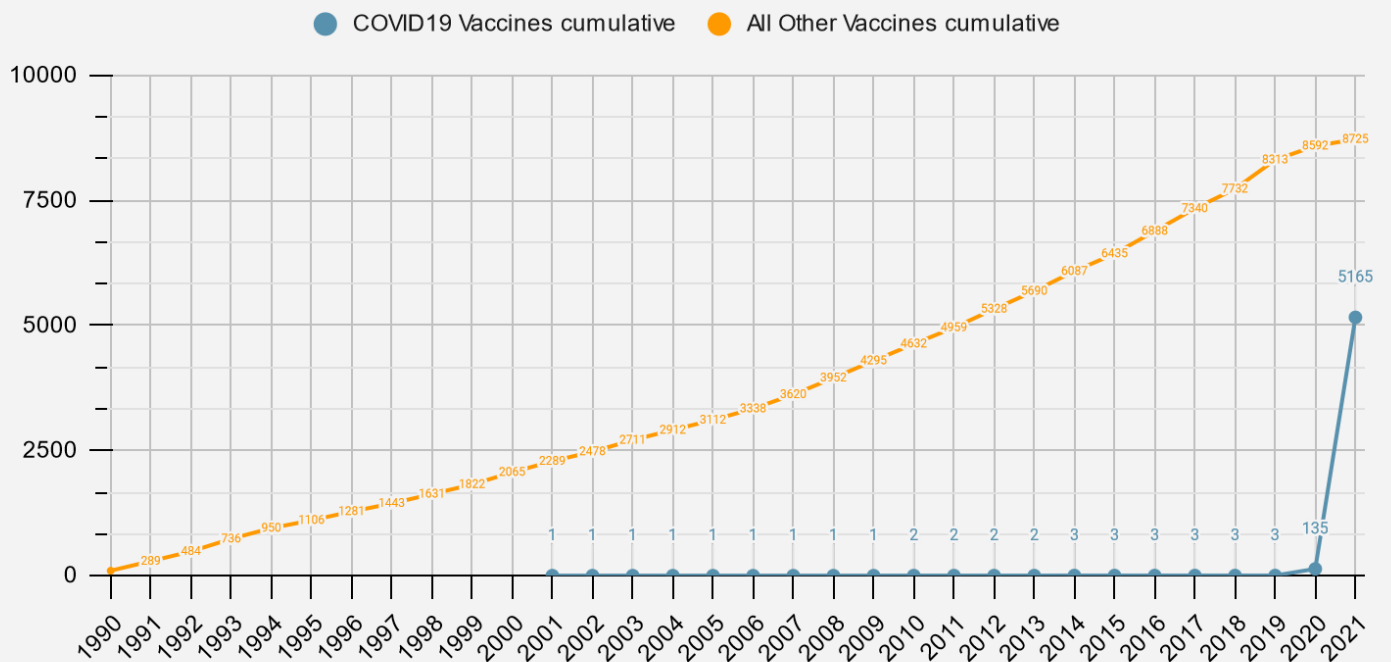
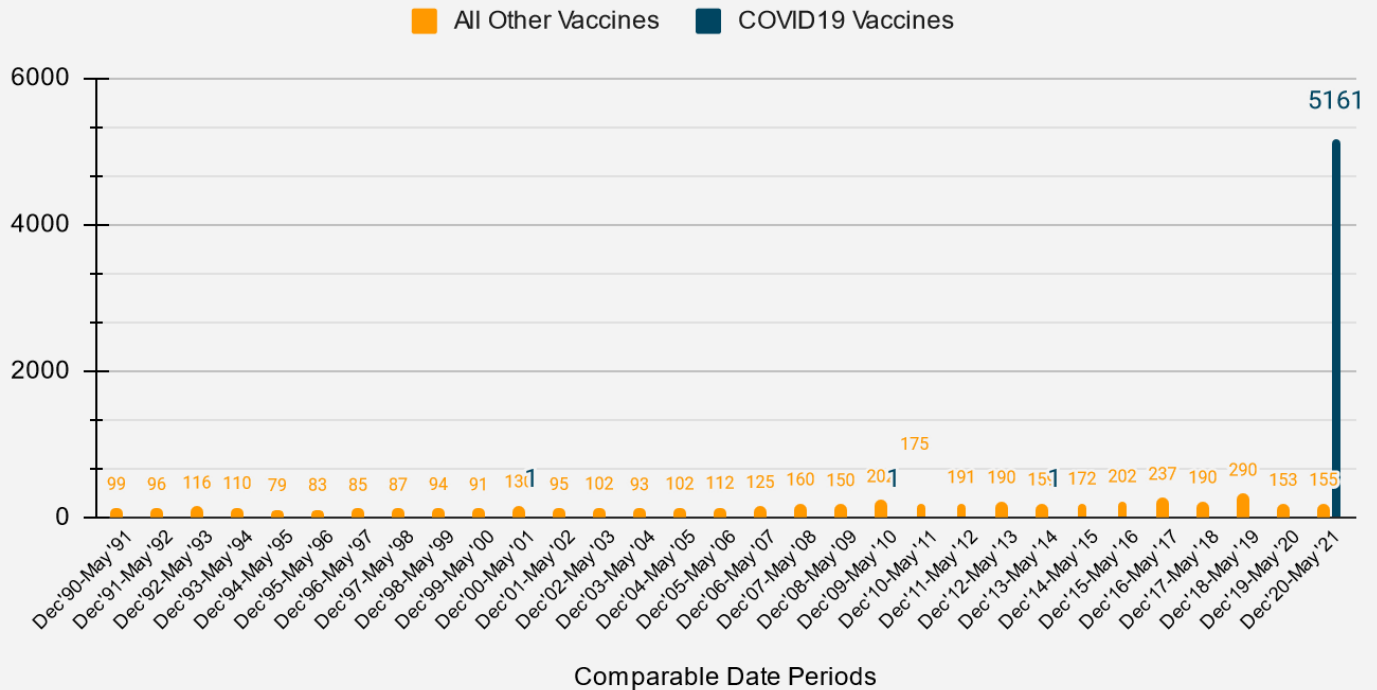


Chart below using comparable 6 month periods, since Covid-19 vaccines have only been available for approximately 6 months:

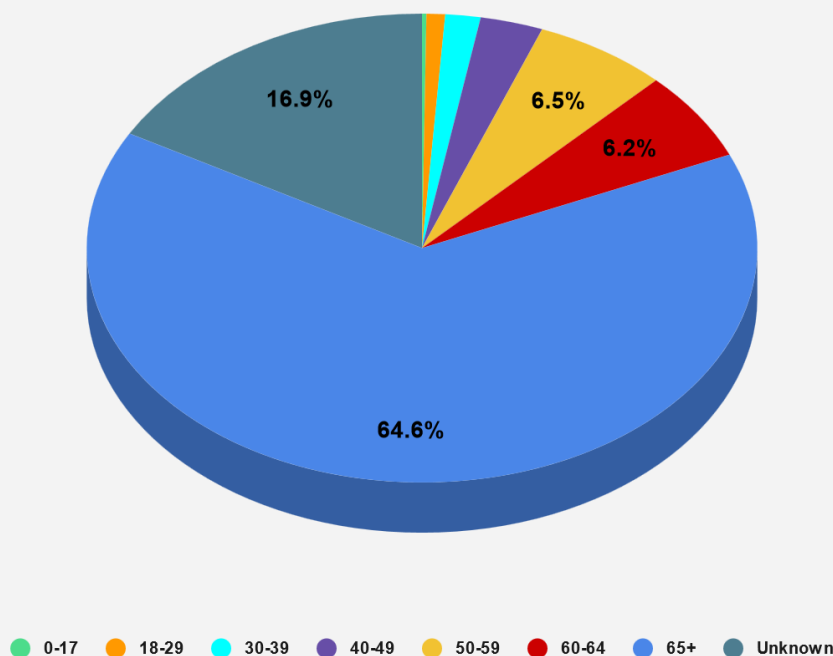
## Reported Deaths by Comparable Date Periods, COVID19 vs. All Other Vaccines

Data obtained from CDC's VAERS



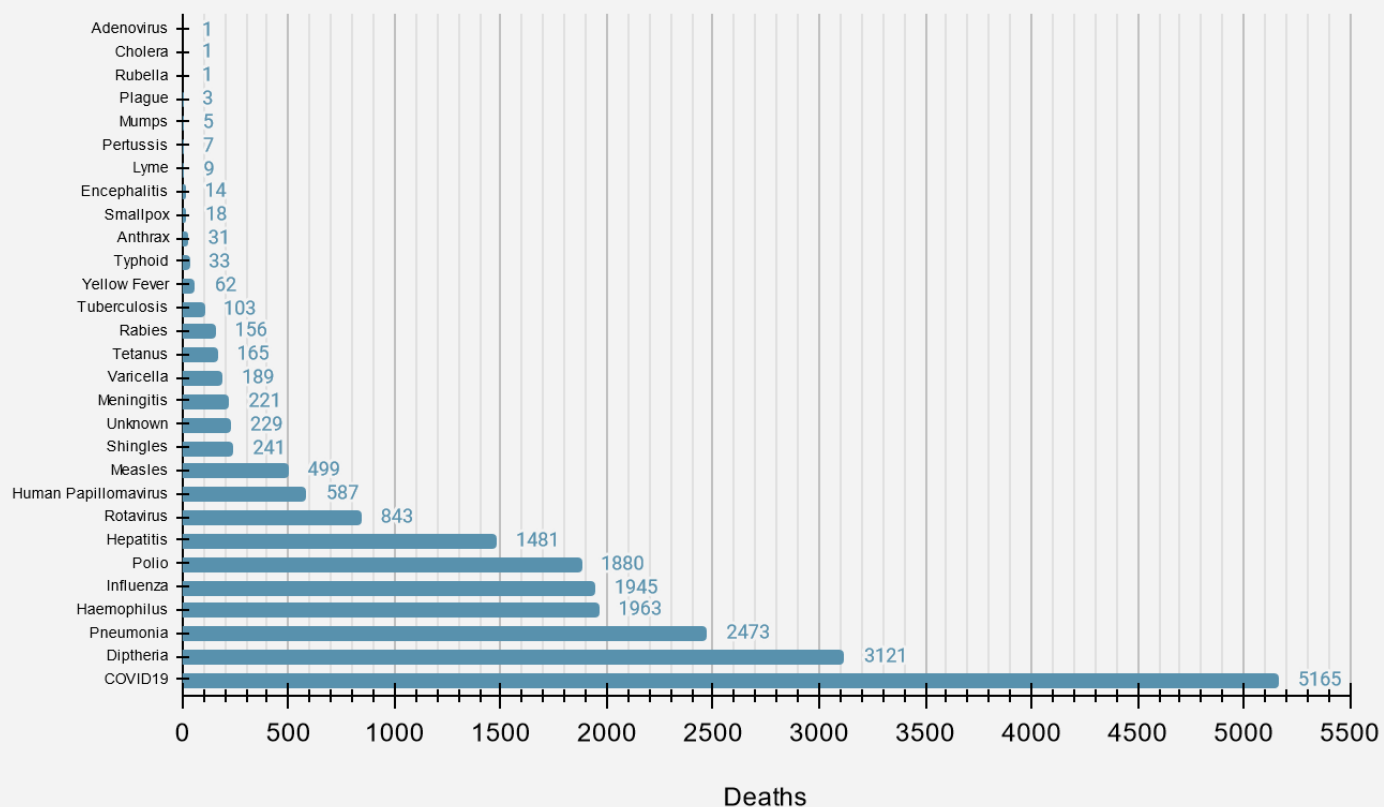
## Age Distribution of Reported Deaths After COVID19 Vaccination

Data obtained from CDC's VAERS



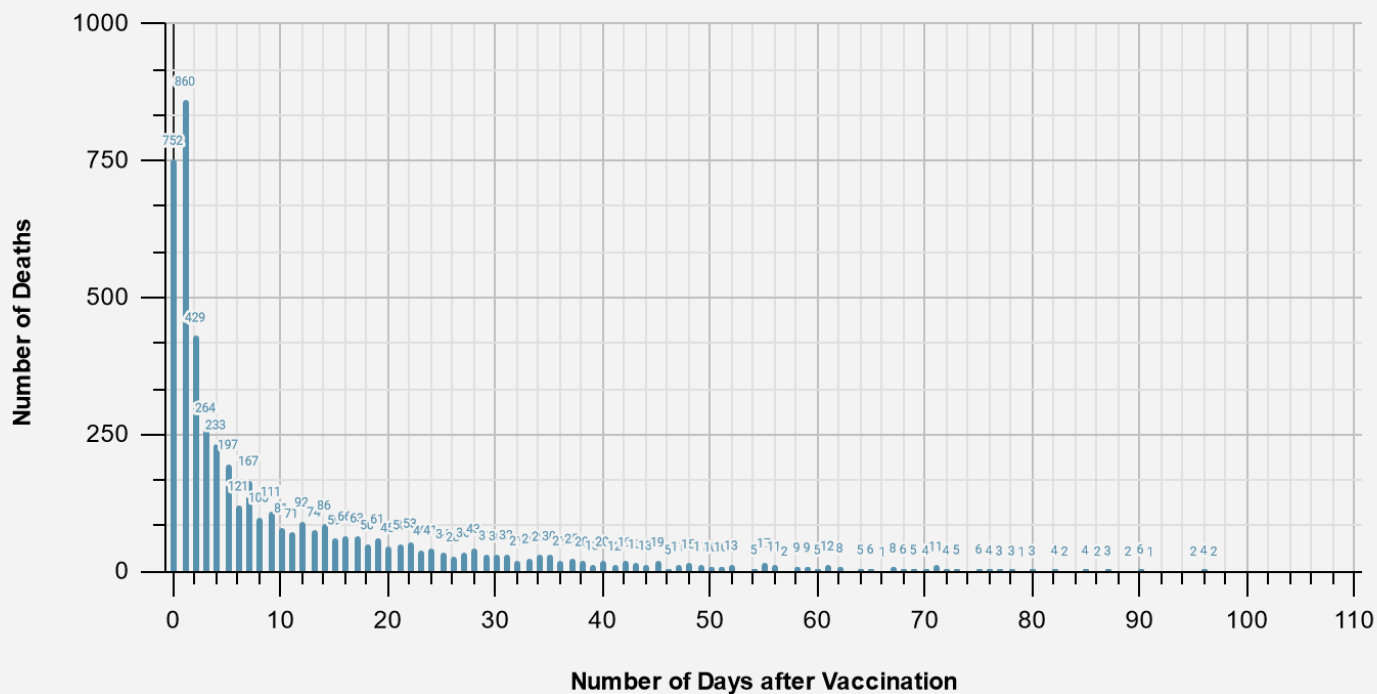
## Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



## Number of Deaths by Days After COVID19 Vaccination

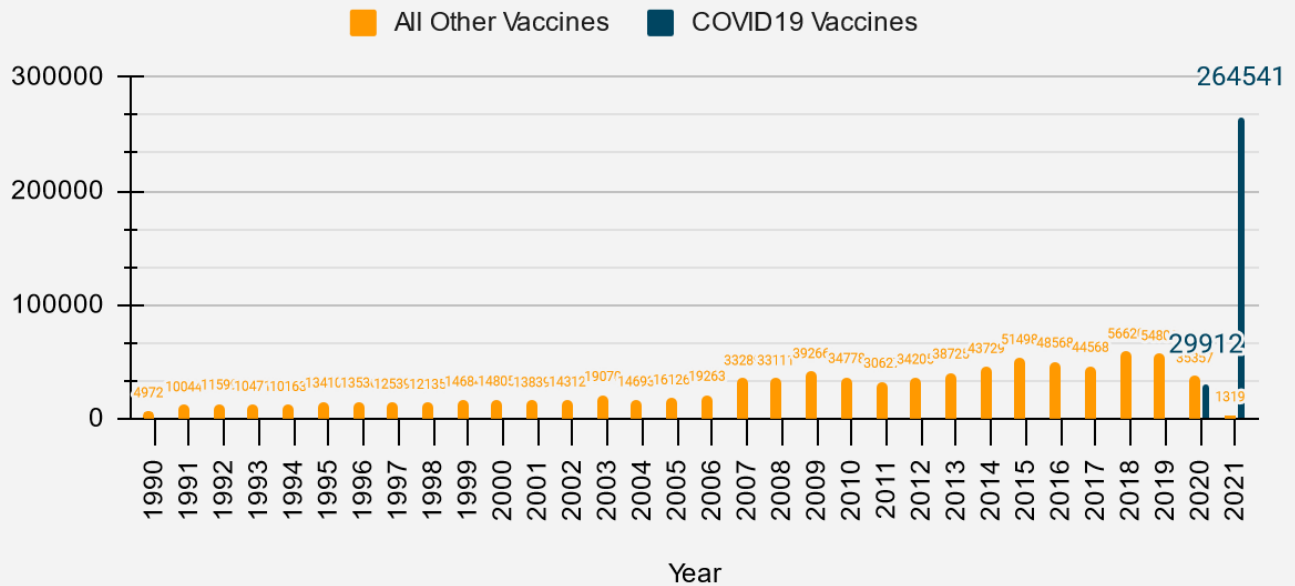
Data obtained from CDC's VAERS



## Adverse Events

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

Data obtained from CDC's VAERS

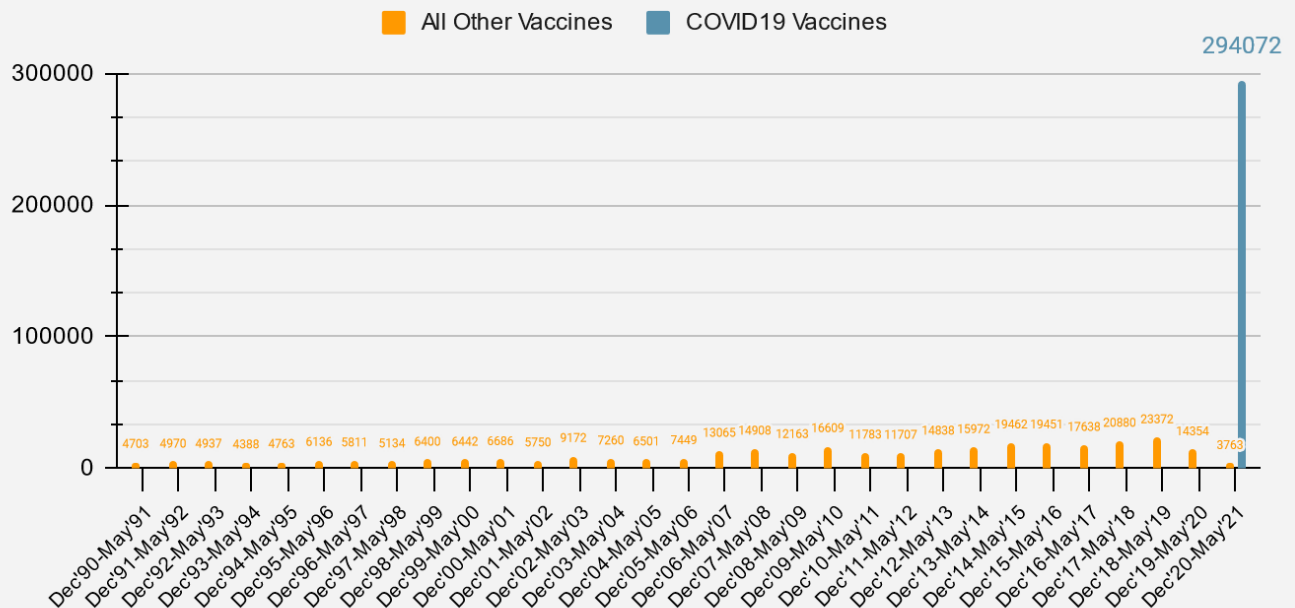


[Note that 347 records for COVID19 were scattered throughout years earlier than 2020 due to incorrect date data in the VAERS system]

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 728 records for COVID19 were scattered throughout periods earlier than Dec'20-May'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	283	4
Acute Disseminated Encephalomyelitis	18	0
Transverse Myelitis	95	0
Encephalitis	275	33
Convulsions/Seizures	2872	78
Stroke	2682	223
Narcolepsy, Cataplexy	35	0
Anaphylaxis	14661	37
Acute Myocardial Infarction (Heart Attack)	661	231
Myocarditis/Pericarditis	629	4
Autoimmune Disease	142	6
Other Acute Demyelinating Diseases	37	1
Pregnancy and birth outcomes (Miscarriages)	592	4
Other Allergic Reactions	351	0
Thrombocytopenia	502	47
Disseminated Intravascular Coagulation	27	12
Venous Thromboembolism	3261	179
Arthritis and Arthralgia/Joint Pain	18749	37
Kawasaki Disease	6	0
Systemic Inflammatory Response Syndrome	121	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 5/28/2021 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 <sup>[1]</sup>	91	1 in 1,840,083	0.000054%
COVID19	166,388,129 <sup>[2]</sup>	5,165	1 in 32,215	0.003104%
<b>Risk of dying from COVID vaccine is 57.1 times greater than Flu Vaccine</b>				

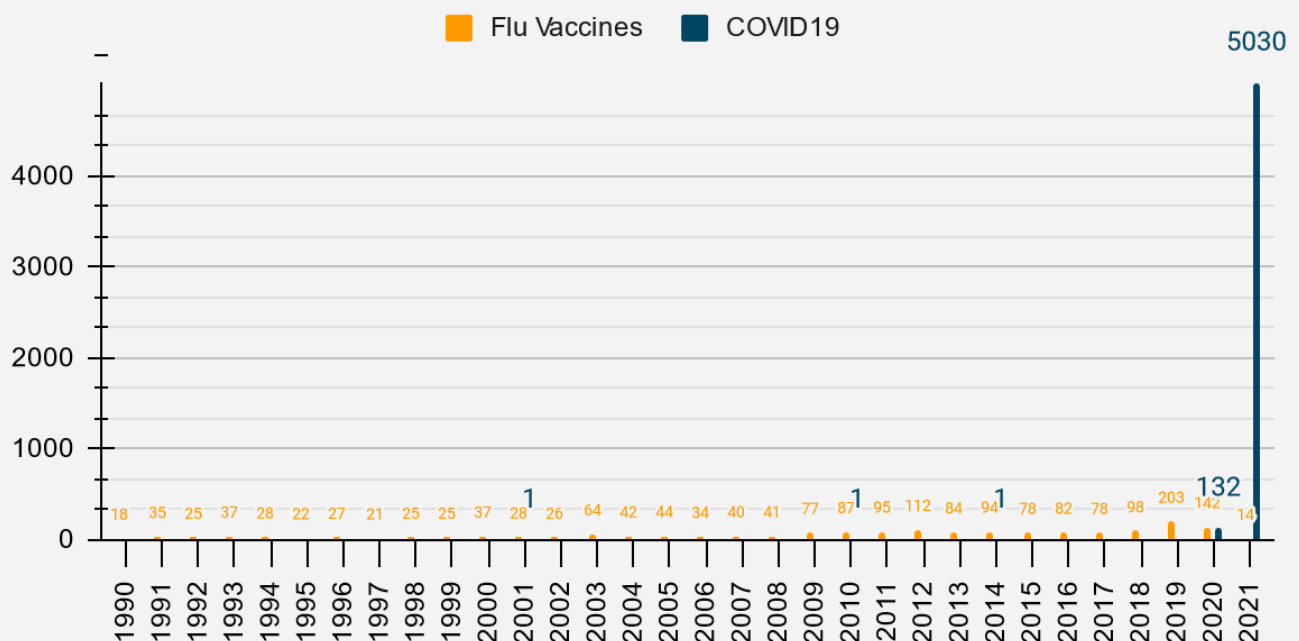
Vaccine Type	# of Vaccinations	# of Adverse Reactions	Risk of Adverse Reaction	Percentage
Flu	167,447,642	10,431	1 in 16,053	0.006229%
COVID19	166,388,129	294,800	1 in 564	0.1772%
<b>Risk of adverse reaction from COVID vaccine is 28.5 times greater than Flu Vaccine</b>				

[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](#)

## 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)	379	7.34%	4.16	91	2/26/2021
Moderna	2158	41.77%	13.4	161	12/18/2020
Pfizer/Biontech	2604	50.4%	15.5	168	12/11/2020
Unknown	26	0.5%			

Manufacturer	# of Adverse Events	% AEs	Average AEs/Day	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	36919	12.51%	405.7	91	2/26/2021
Moderna	138064	46.8%	857.54	161	12/18/2020
Pfizer/Biontech	119154	40.39%	709.25	168	12/11/2020
Unknown	881	0.3%			

## Vaccine Data by Gender

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

All Data Obtained from CDC's VAERS

