

# VAERS Summary for COVID-19 Vaccines through 8/6/2021

All charts and tables below reflect the data release on 8/13/2021 from the VAERS website, which includes U.S. and foreign data, and is updated through: **8/6/2021**.

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	571,831	812,603	451,049	712,541
Number of Life-Threatening Events	13,139	13,383	7,603	9,546
Number of Hospitalizations	51,242	77,634	26,798	37,594
Number of Deaths	12,791*	8,867*	5,859	5,005
# of Permanent Disabilities after vaccination	16,044	18,944	6,654	11,895
Number of Office Visits	95,886	42,049	90,432	40,793
# of Emergency Room/Department Visits	70,610	208,849	61,956	199,944
# of Birth Defects after vaccination	351	133	254	86

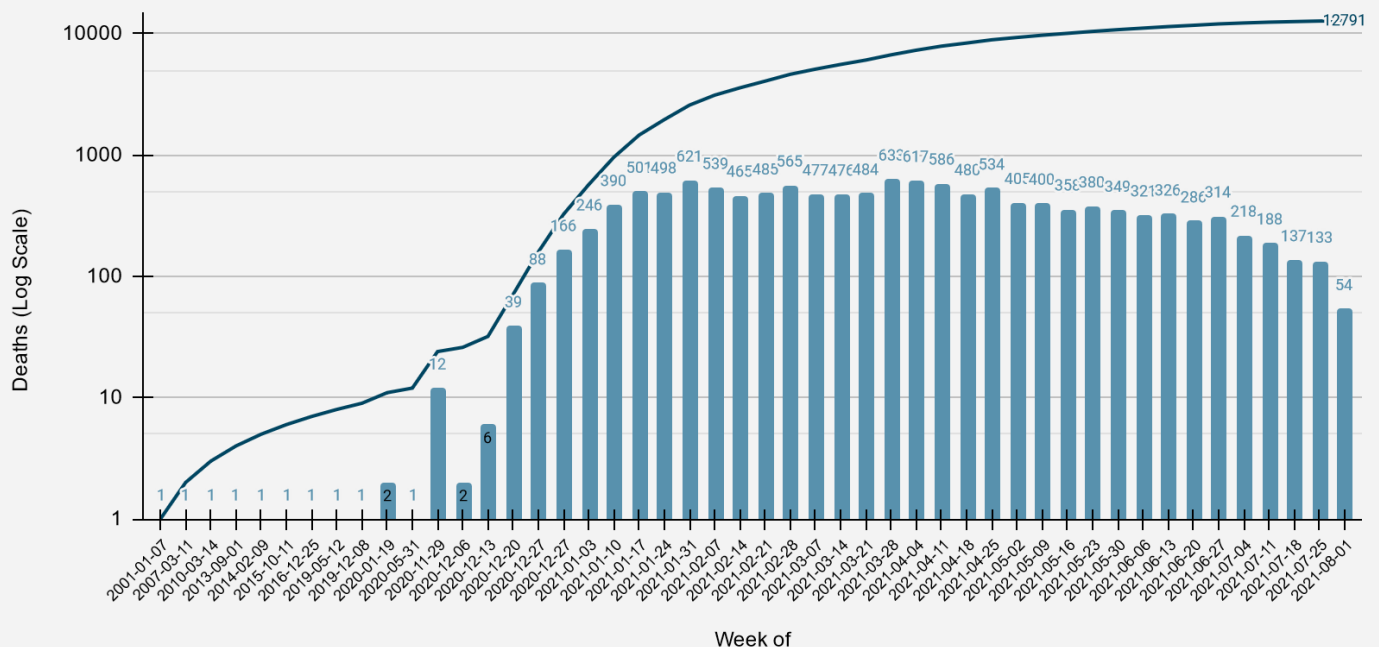
\*Note that the total number of deaths associated with the COVID-19 vaccines is greater than the number of deaths associated with all other vaccines combined since the year 1990.

## Deaths

### Reported Deaths by Week, COVID19 Vaccines

Data Obtained from CDC's VAERS

■ Weekly Deaths — Cumulative Deaths

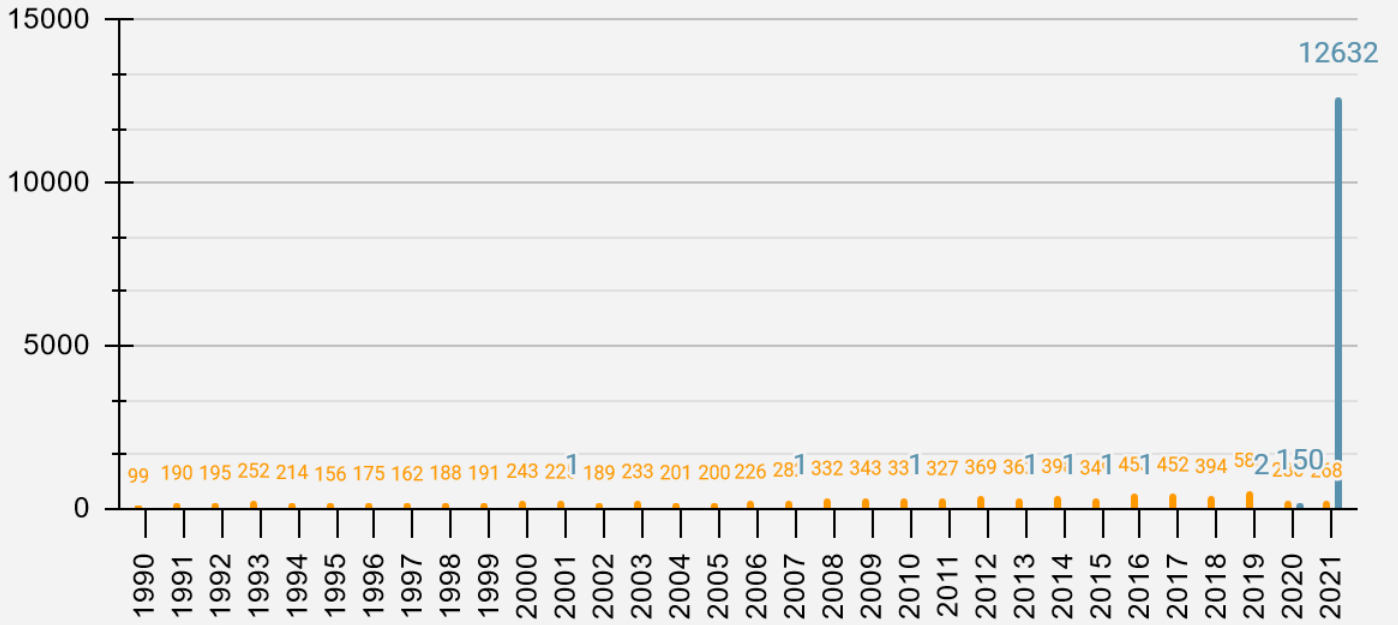


[Note that the single counts before 2020-11-29 are due to incorrect date data in the VAERS system]

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

Data Obtained from CDC's VAERS

■ All Other Vaccines ■ COVID-19 Vaccines



[Note that COVID19 counts for years before 2020 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

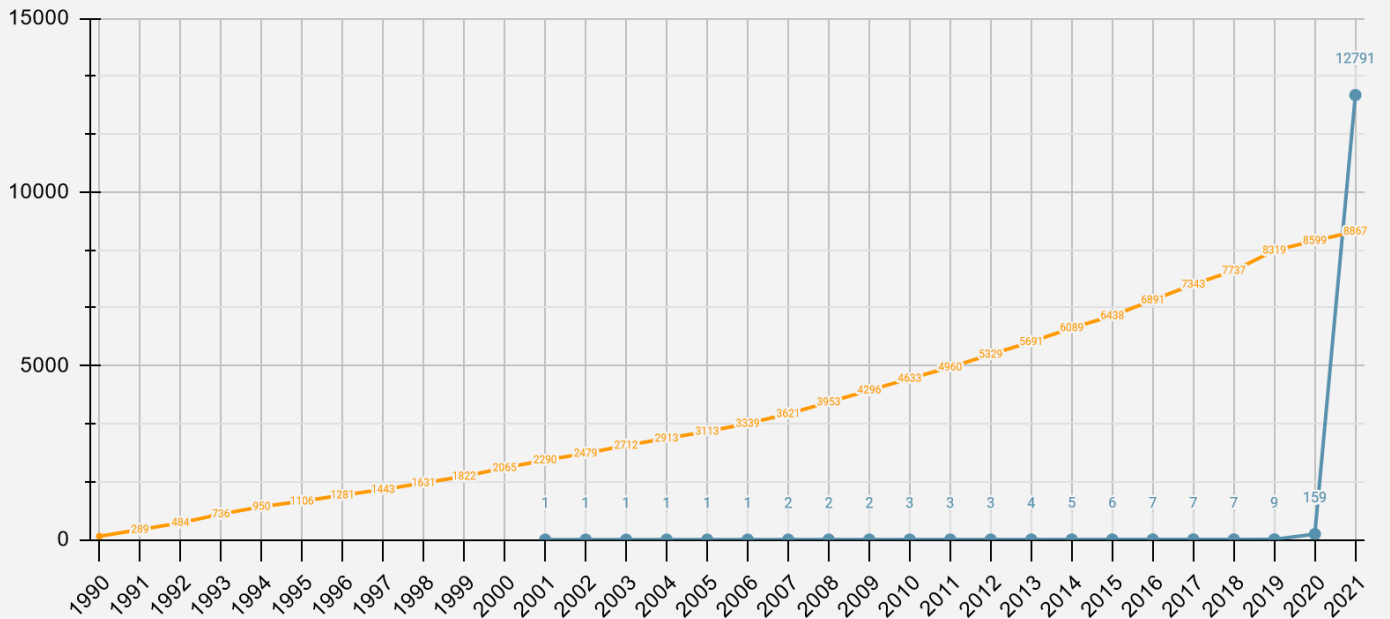
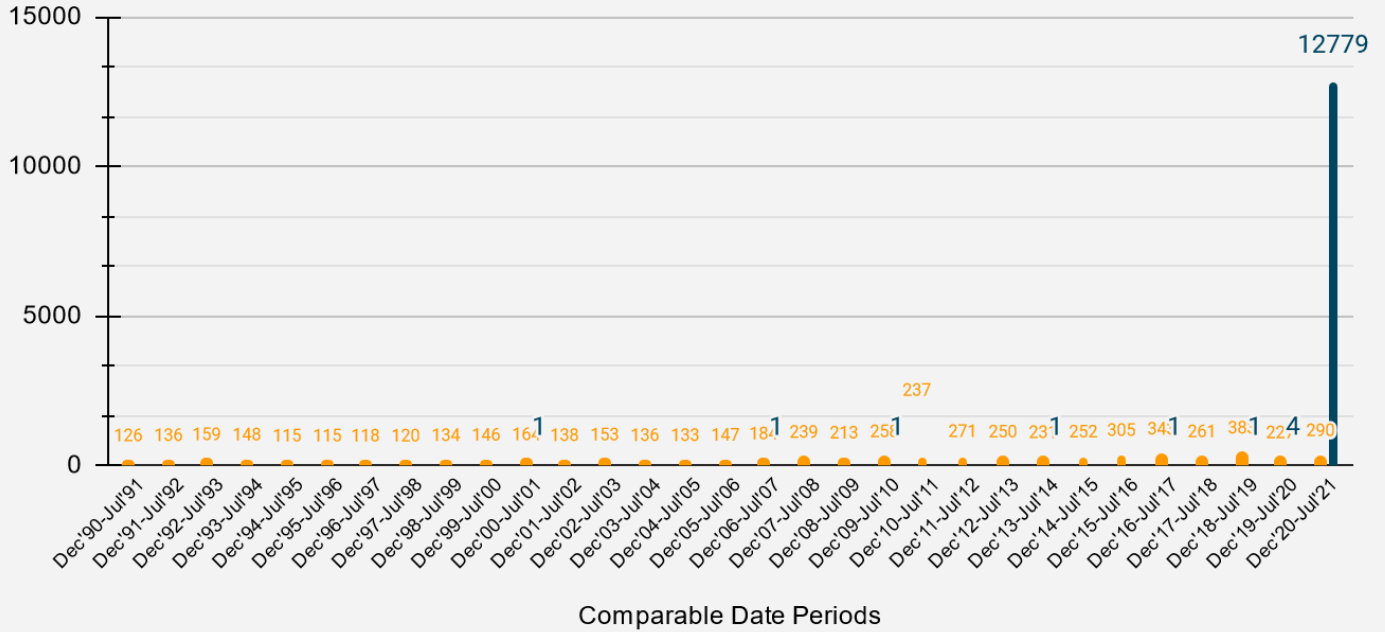


Chart below using comparable 8 month periods, since Covid-19 vaccines have only been available for approximately 8 months:

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

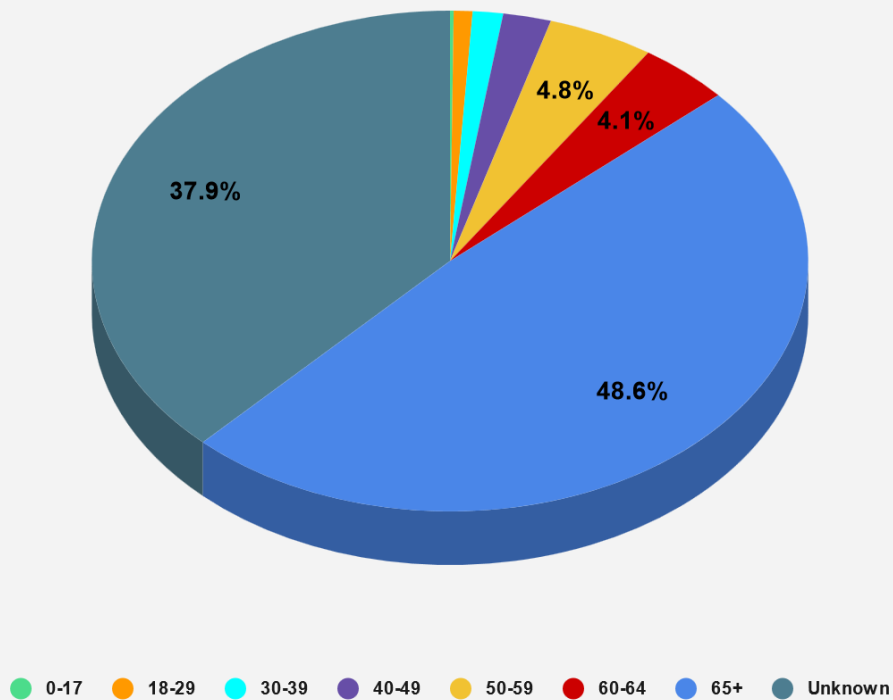
Data obtained from CDC's VAERS

■ All Other Vaccines
 ■ COVID19 Vaccines



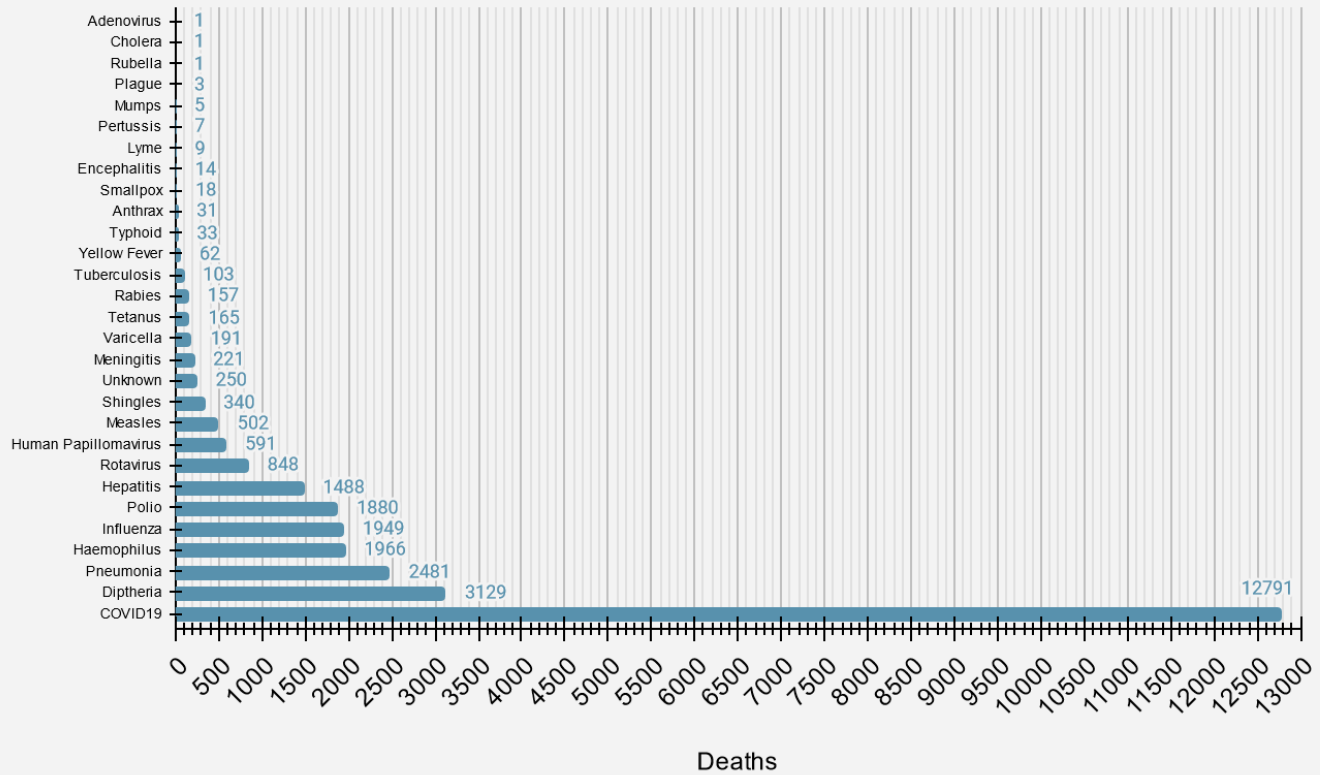
## Age Distribution of Reported Deaths After COVID19 Vaccination

Data obtained from CDC's VAERS



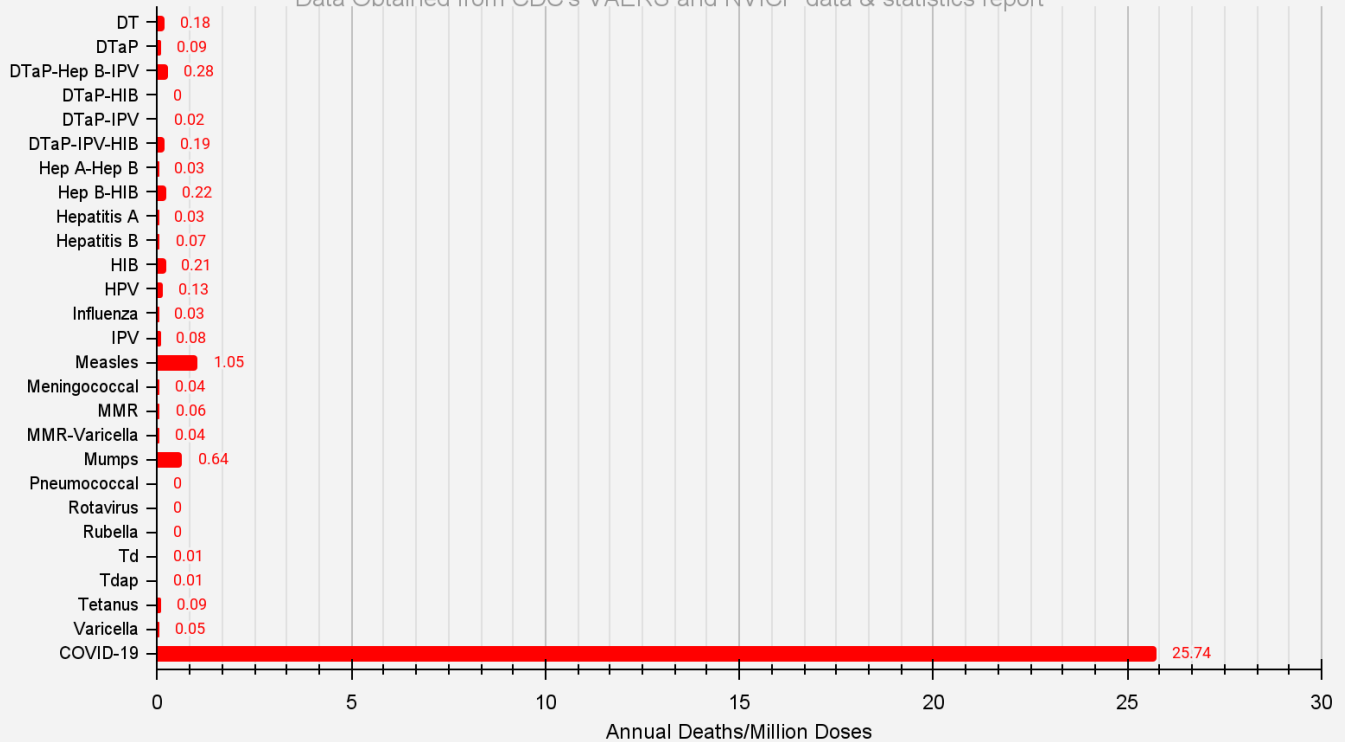
# Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



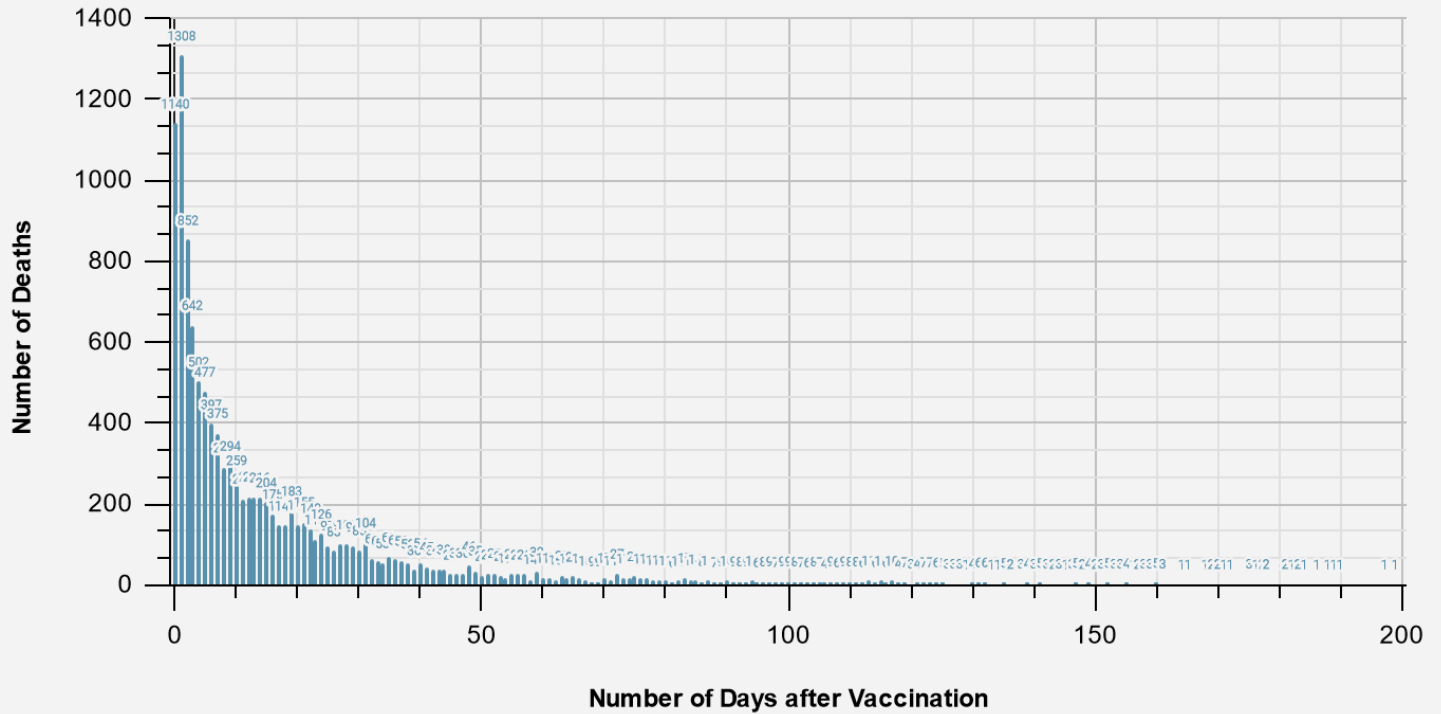
# Annualized Reported Deaths per Million Doses (US Only) Traditional Vaccines (2006 - 2019), Covid-19 Vaccines (2020-Present)

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



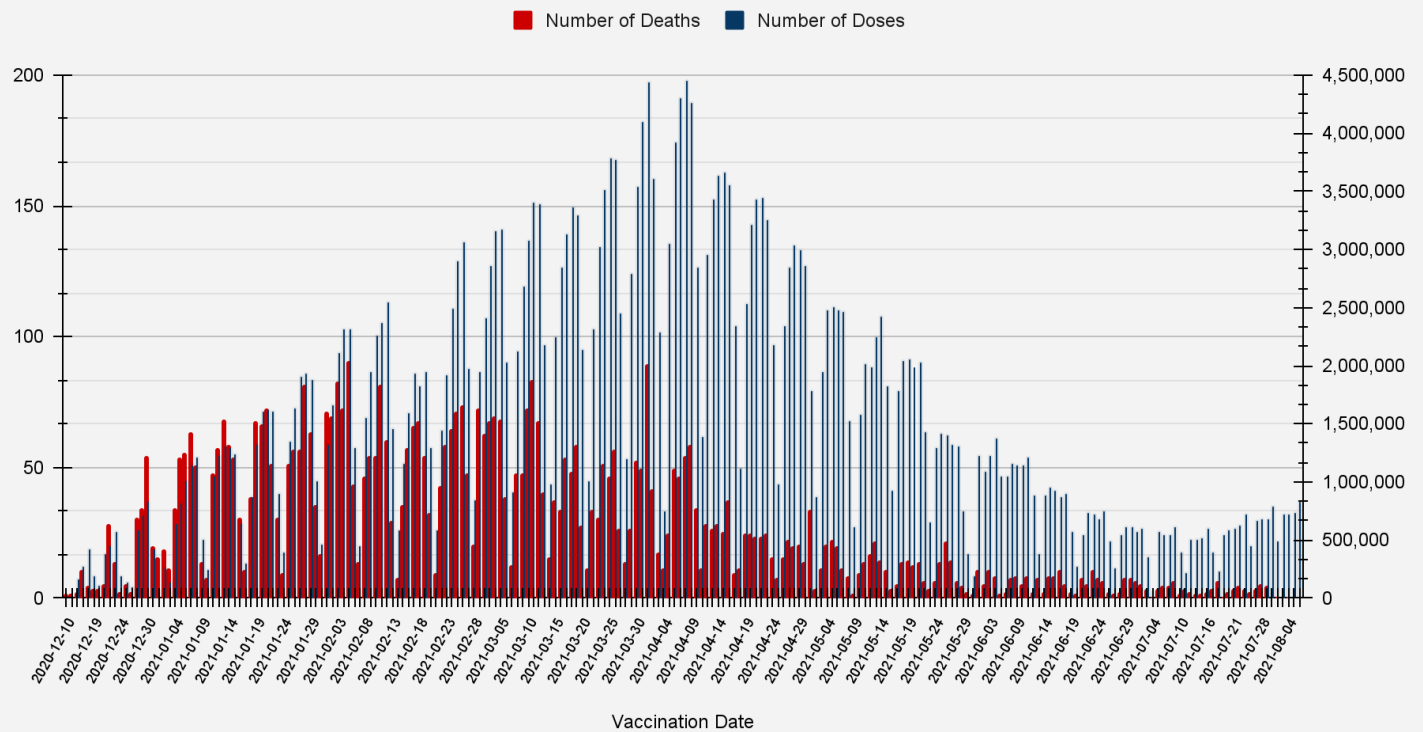
# Number of Deaths by Days After COVID19 Vaccination

Data obtained from CDC's VAERS



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

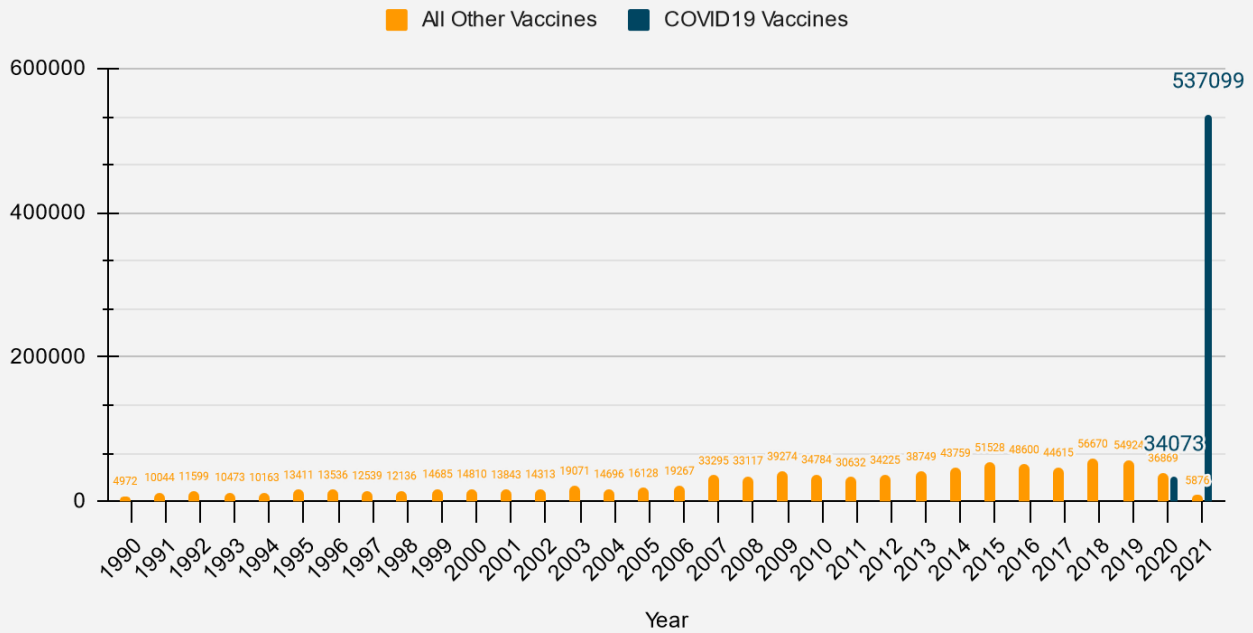
Data Obtained from CDC's VAERS & CDC



# Adverse Events

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

Data obtained from CDC's VAERS

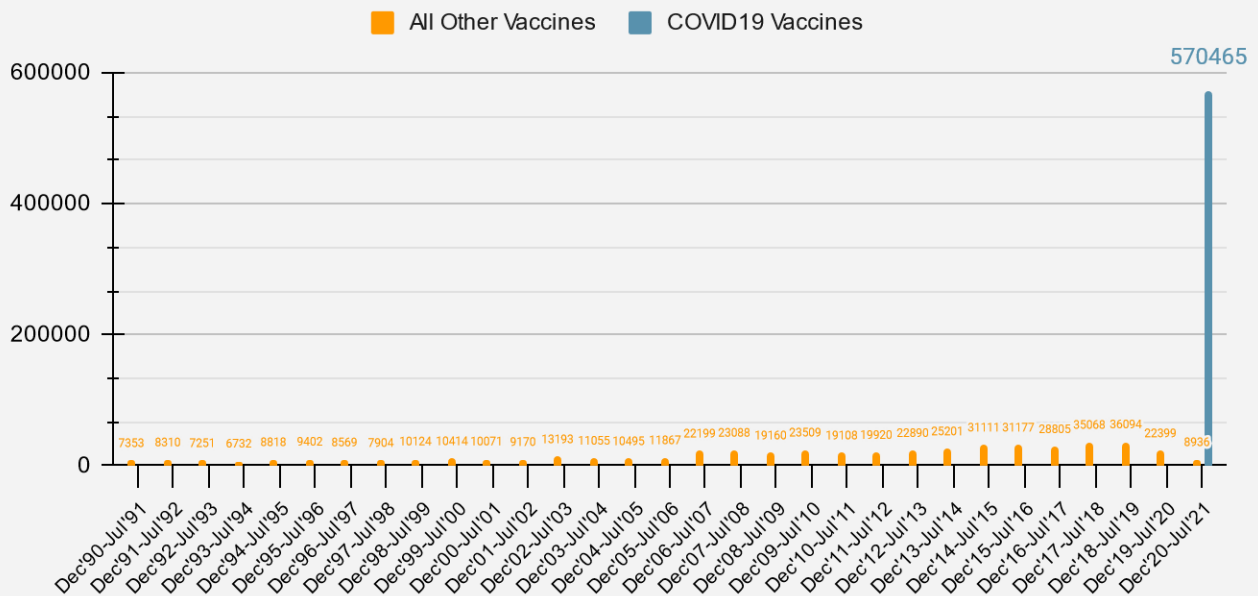


[Note that 659 records for COVID19 were scattered throughout years earlier than 2020 due to incorrect date data in the VAERS system]

Chart below using comparable 8 month periods, since Covid-19 vaccines have only been available for approximately 8 months:

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

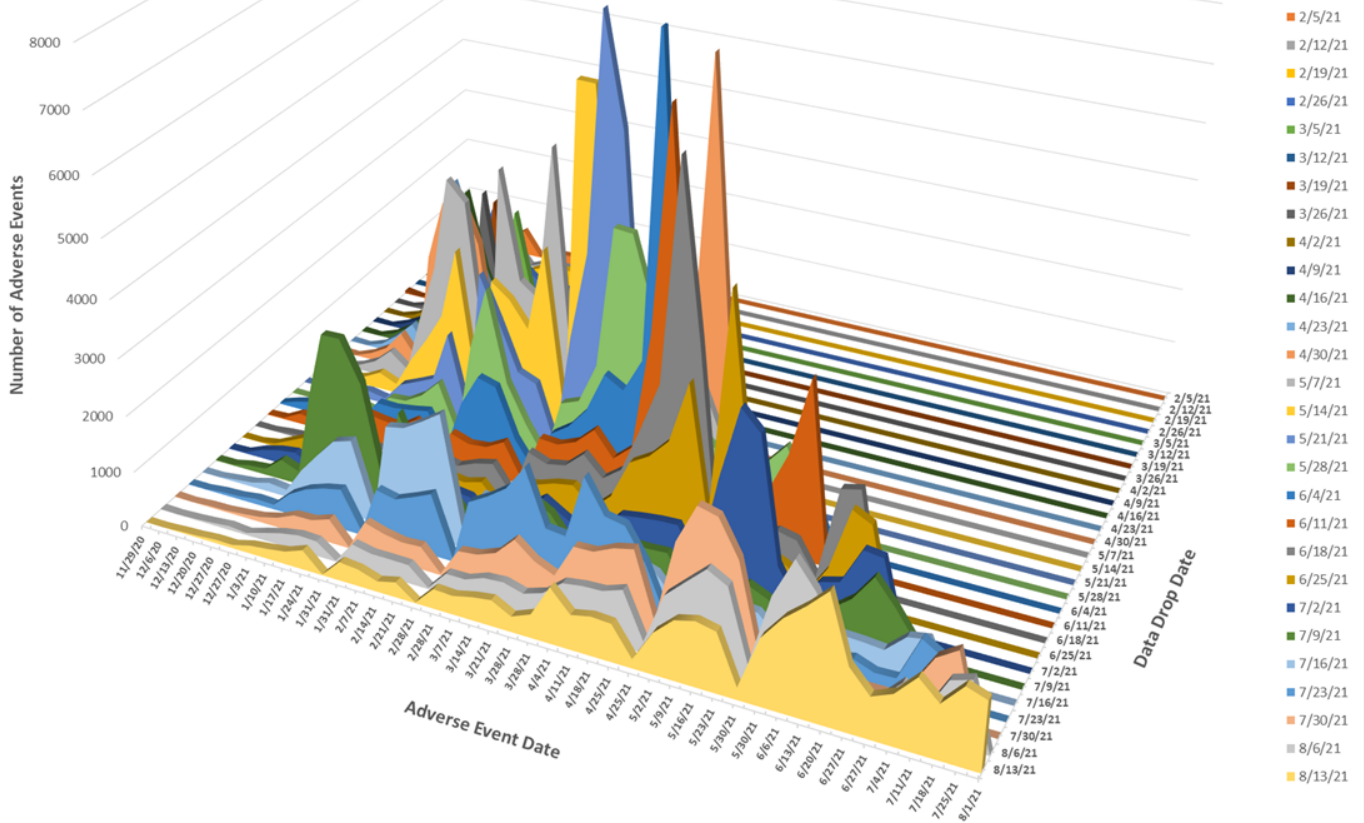
Data Obtained from CDC's VAERS



[Note that 1366 records for COVID19 were scattered throughout periods earlier than Dec'20-Jul'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

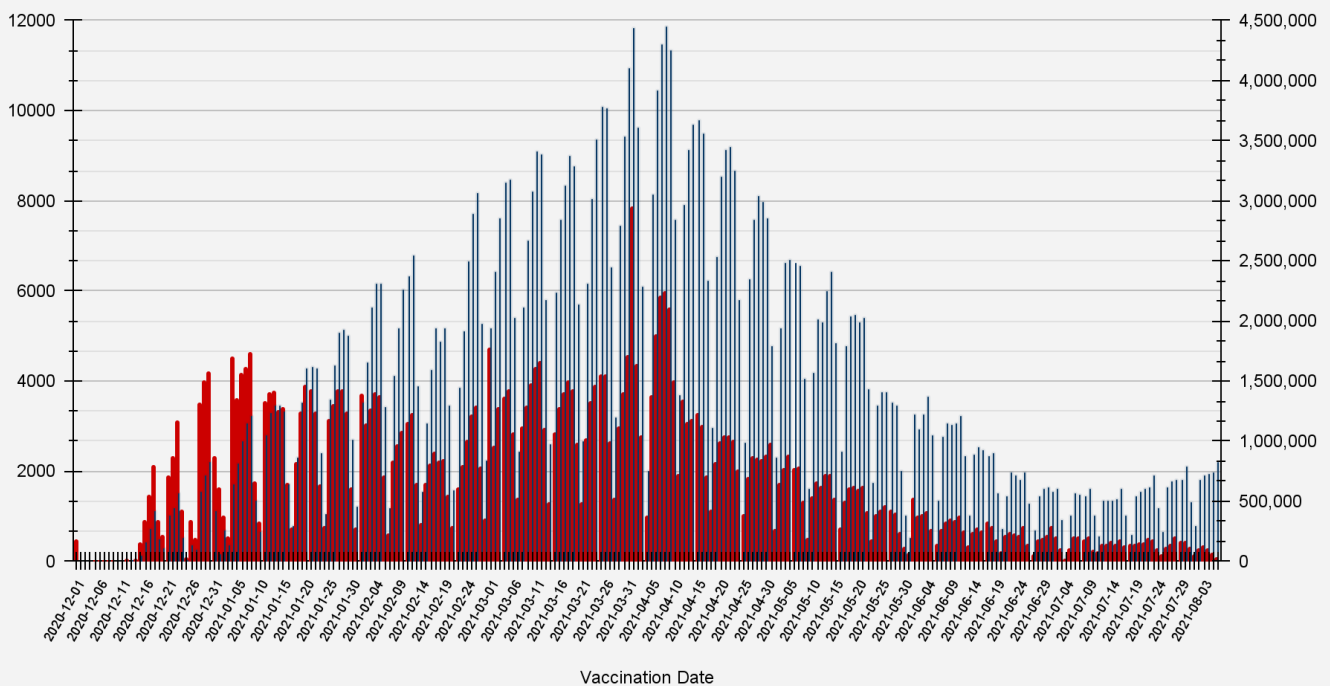
(2/5/21 - 8/13/21)



## 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\*\*\***

<ul style="list-style-type: none"> <li>▪ Guillain-Barré syndrome</li> <li>▪ Acute disseminated encephalomyelitis</li> <li>▪ Transverse myelitis</li> <li>▪ Encephalitis/myelitis/encephalomyelitis/ meningoencephalitis/meningitis/ encephalopathy</li> <li>▪ Convulsions/seizures</li> <li>▪ Stroke</li> <li>▪ Narcolepsy and cataplexy</li> <li>▪ Anaphylaxis</li> <li>▪ Acute myocardial infarction</li> <li>▪ Myocarditis/pericarditis</li> <li>▪ Autoimmune disease</li> </ul>	<ul style="list-style-type: none"> <li>▪ Deaths</li> <li>▪ Pregnancy and birth outcomes</li> <li>▪ Other acute demyelinating diseases</li> <li>▪ Non-anaphylactic allergic reactions</li> <li>▪ Thrombocytopenia</li> <li>▪ Disseminated intravascular coagulation</li> <li>▪ Venous thromboembolism</li> <li>▪ Arthritis and arthralgia/joint pain</li> <li>▪ Kawasaki disease</li> <li>▪ Multisystem Inflammatory Syndrome in Children</li> <li>▪ Vaccine enhanced disease</li> </ul>
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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	834	17
Acute Disseminated Encephalomyelitis	56	1
Transverse Myelitis	185	0
Encephalitis	737	77
Convulsions/Seizures	7421	227
Stroke	7008	720
Narcolepsy, Cataplexy	117	3
Anaphylaxis	27875	123
Acute Myocardial Infarction (Heart Attack)	1861	656
Myocarditis/Pericarditis	3607	57
Autoimmune Disease	480	12
Other Acute Demyelinating Diseases	117	1
Pregnancy and birth outcomes (Miscarriages)	1439	37
Other Allergic Reactions	998	1
Thrombocytopenia	2162	180
Disseminated Intravascular Coagulation	92	33
Venous Thromboembolism	10072	583
Arthritis and Arthralgia/Joint Pain	38324	106
Kawasaki Disease	25	0
Systemic Inflammatory Response Syndrome	310	17



## 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 <sup>[1]</sup>	91	1 in 1,840,083	0.000054%
COVID19	167,733,972 <sup>[2]</sup>	10,538	1 in 15,917	0.006283%
<b>Risk of dying from COVID vaccine is 115.6 times greater than Flu Vaccine</b>				

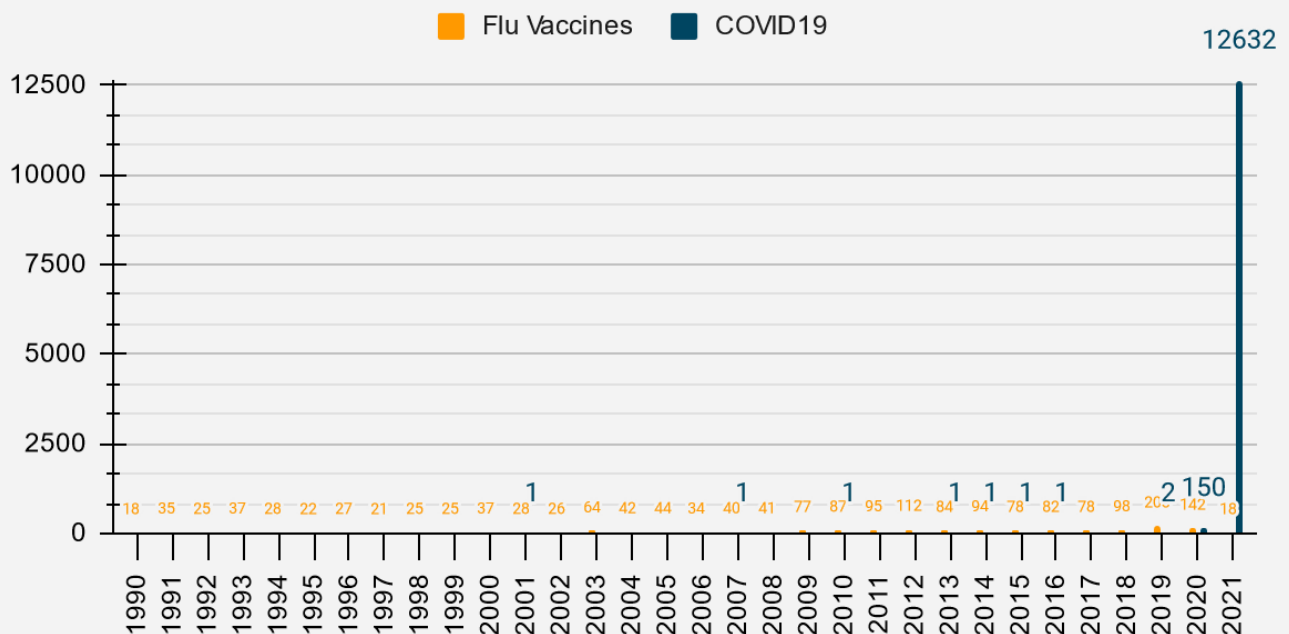
Vaccine Type	# of Vaccinations	# of Adverse Reactions	Risk of Adverse Reaction	Percentage
Flu	167,447,642	10,448	1 in 16,027	0.006231%
COVID19	167,733,972	516,699	1 in 325	0.3080%
<b>Risk of adverse reaction from COVID vaccine is 49.4 times greater than Flu Vaccine</b>				

[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	Doses Administered	Average Deaths/ Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	691	5.4%	4.29	13,784,136	50.13	161	2/26/21
Moderna	3231	25.24%	13.99	141,011,089	22.91	231	12/18/20
Pfizer/Biontech	8839	69.06%	37.14	198,736,053	44.48	238	12/11/20
Unknown	38	0.3%		328,616			

Manufacturer	# of AEs	% AEs	Average AEs/Day	Doses Administered	Average AEs/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	48749	8.52%	302.79	13,784,136	3536.60	161	2/26/21
Moderna	208264	36.39%	901.58	141,011,089	1476.93	231	12/18/20
Pfizer/Biontech	314107	54.88%	1319.78	198,736,053	1580.52	238	12/11/20
Unknown	1242	0.22%		328,616			

## Vaccine Data by Gender

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

All Data Obtained from CDC's VAERS

