

# VAERS Summary for COVID-19 Vaccines through 11/11/2022

All charts and tables below reflect the data release on 11/18/2022 from the VAERS website, which includes U.S. and foreign data, and is updated through: **11/11/2022**.

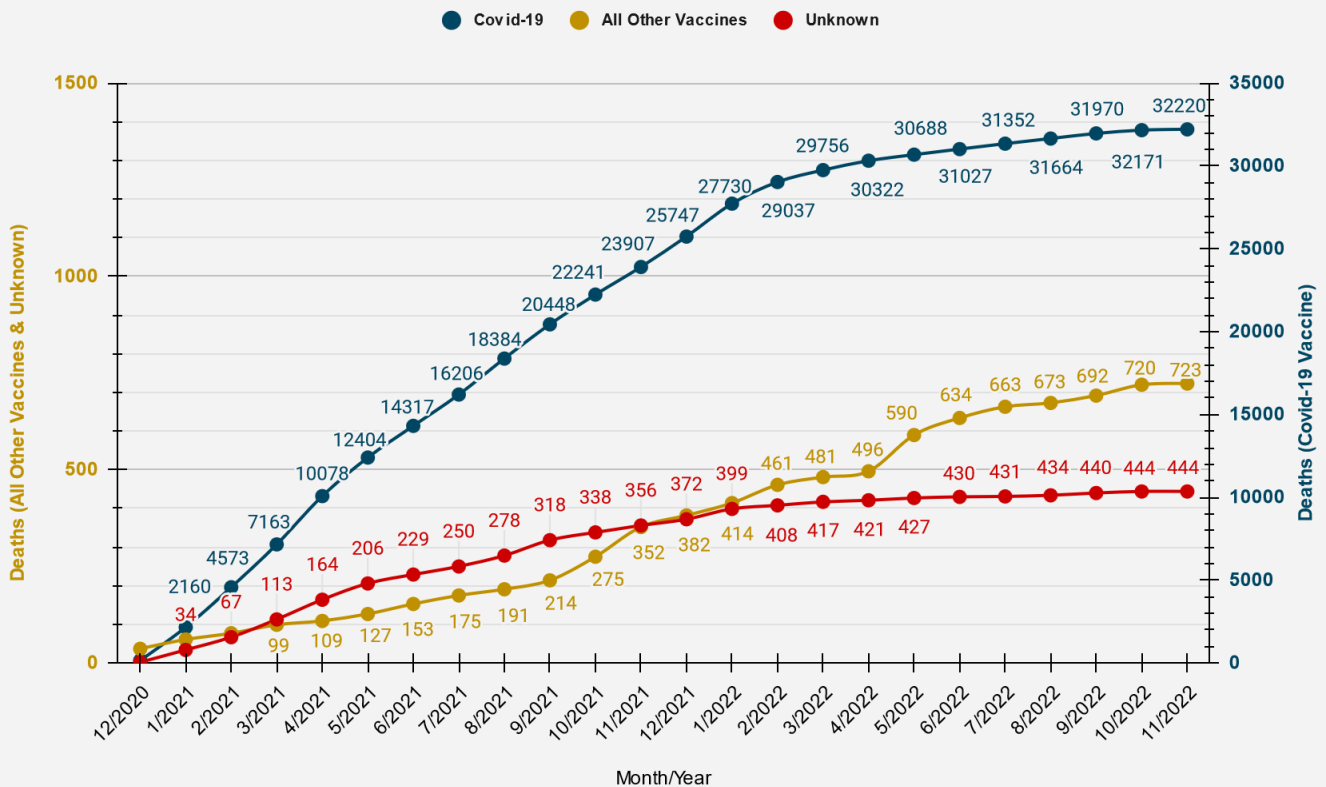
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	1,463,068	908,254	898,029	789,574
Number of Life-Threatening Events	34,942	14,794	13,487	10,112
Number of Hospitalizations	183,615	85,957	71,617	39,880
Number of Deaths	32,220*	9,992*	15,311	5,453
# of Permanent Disabilities after vaccination	60,099	21,526	15,404	13,298
Number of Office Visits	212,828	55,183	175,775	52,651
# of Emergency Room/Department Visits	138,925	215,148	106,163	205,347
# of Birth Defects after vaccination	1,183	206	558	112

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

## Deaths

### Cumulative Reported Deaths After Vaccination - 2 Year Summary

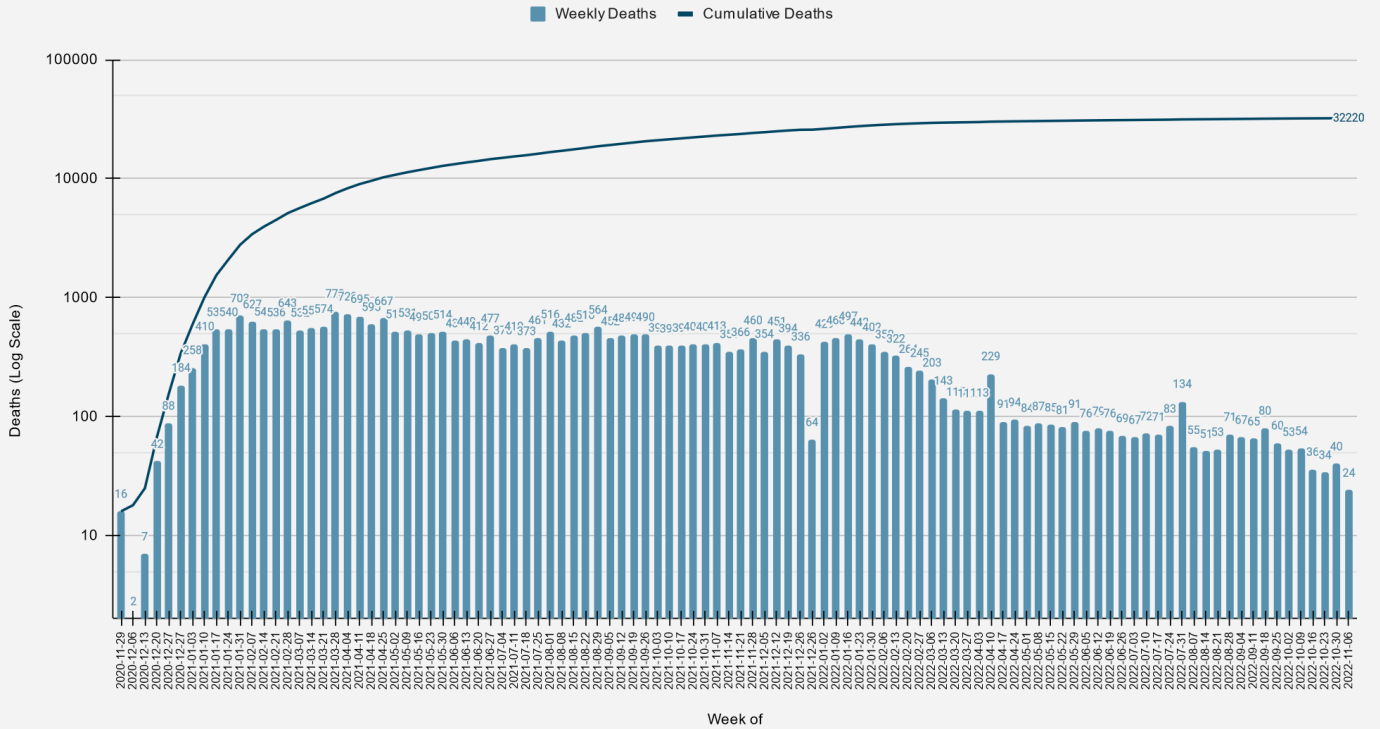
Data obtained from CDC's VAERS



[Unknowns separated from All Other Vaccines for greater clarity; in a majority of cases the Unknowns are actually Covid-19]

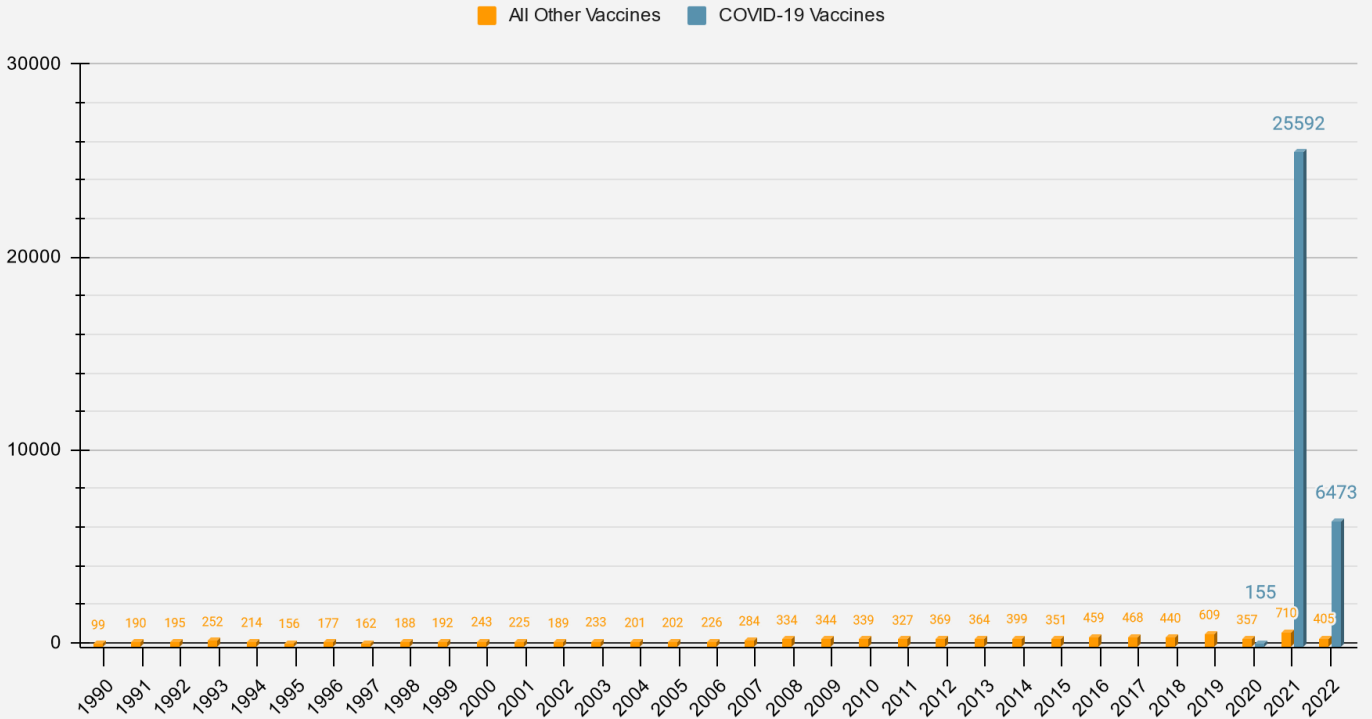
# Reported Deaths by Week, COVID19 Vaccines

Data Obtained from CDC's VAERS



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

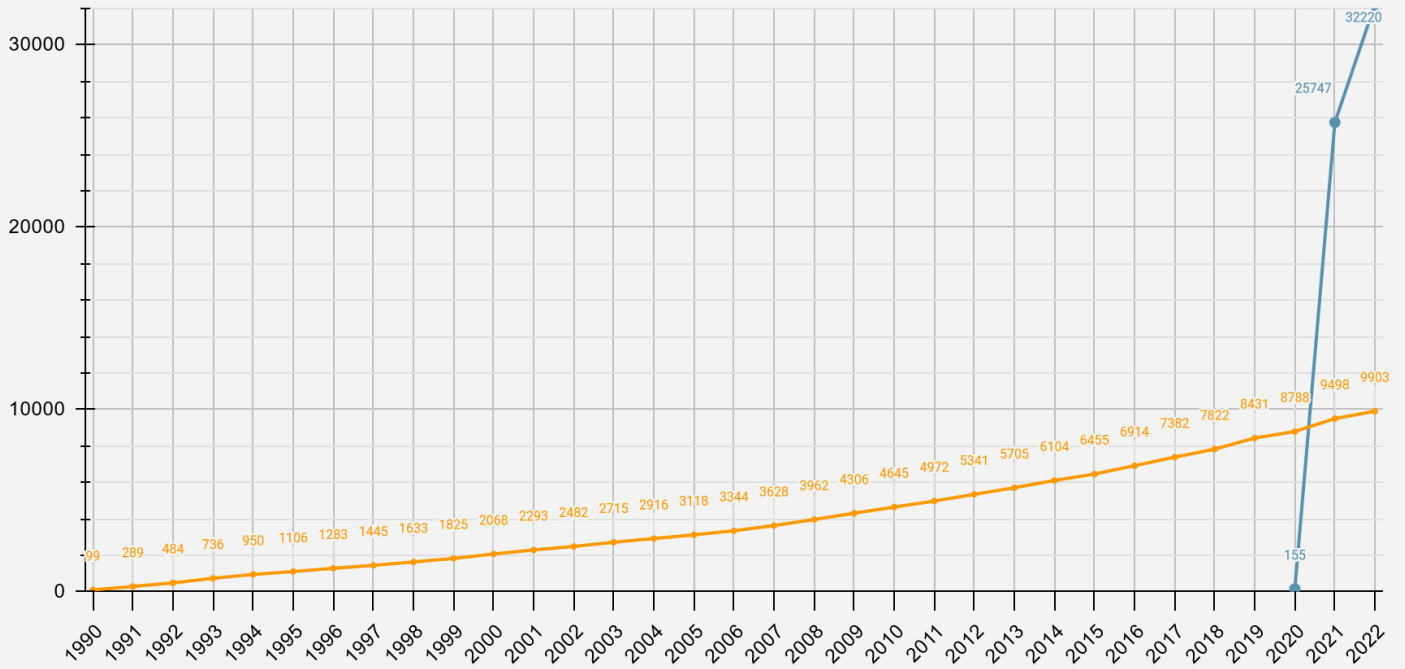
Data Obtained from CDC's VAERS



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

Data Obtained from CDC's VAERS

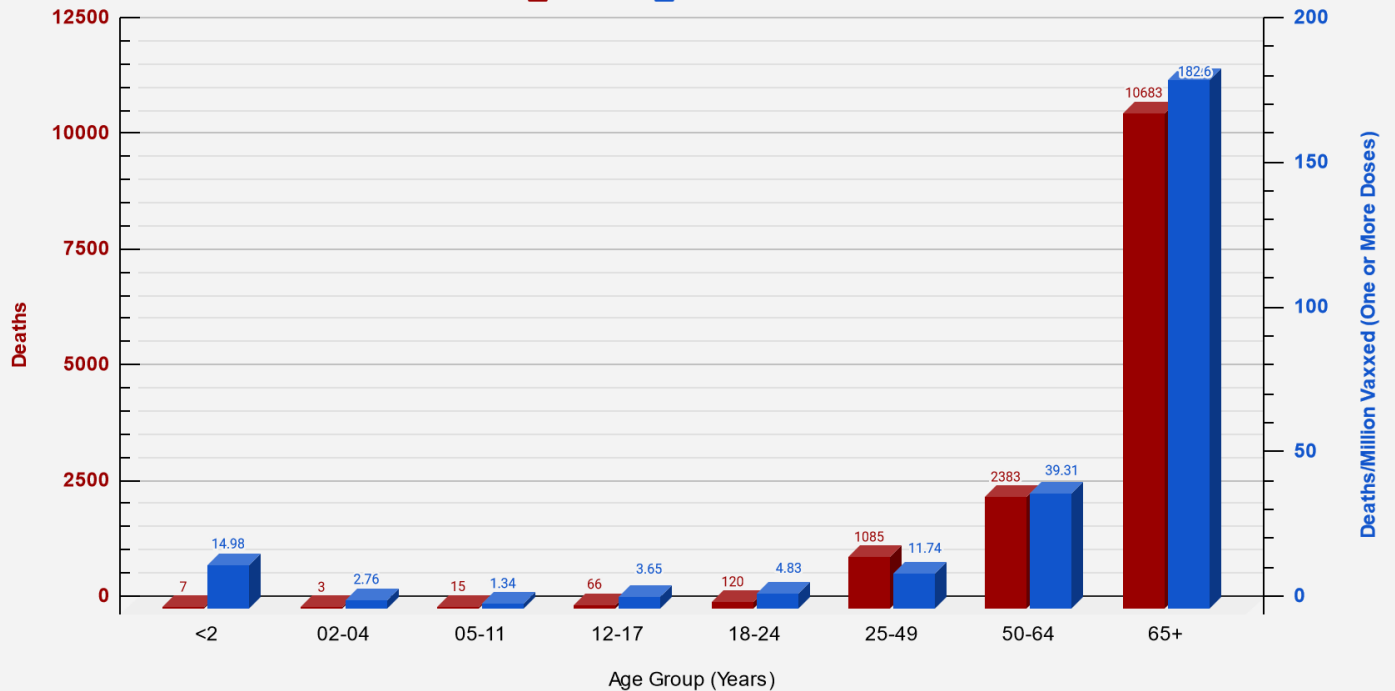
● COVID19 Vaccines cumulative ● All Other Vaccines cumulative



# Age Stratification of Deaths After COVID-19 Vaccination US Data Only

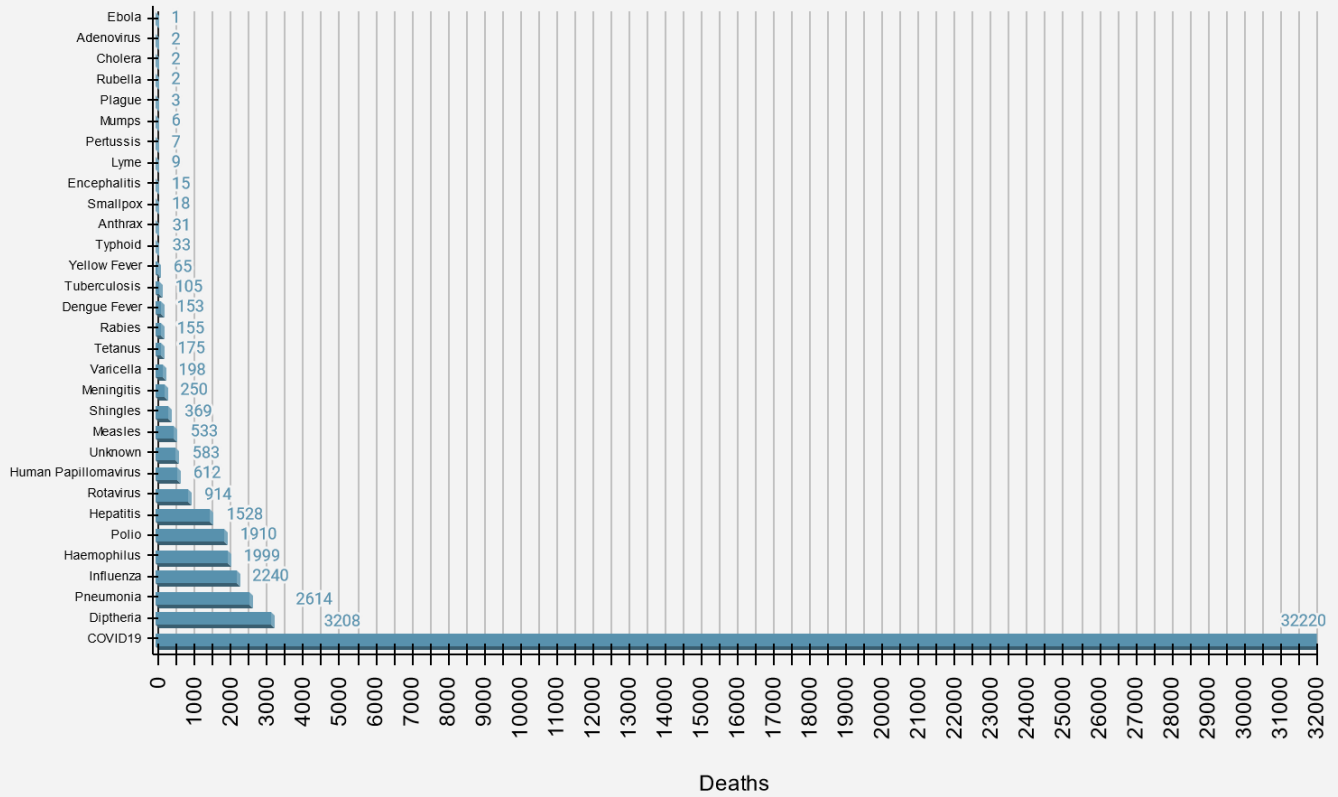
Data Obtained from CDC's VAERS

■ Deaths ■ Deaths/Million Vaxx



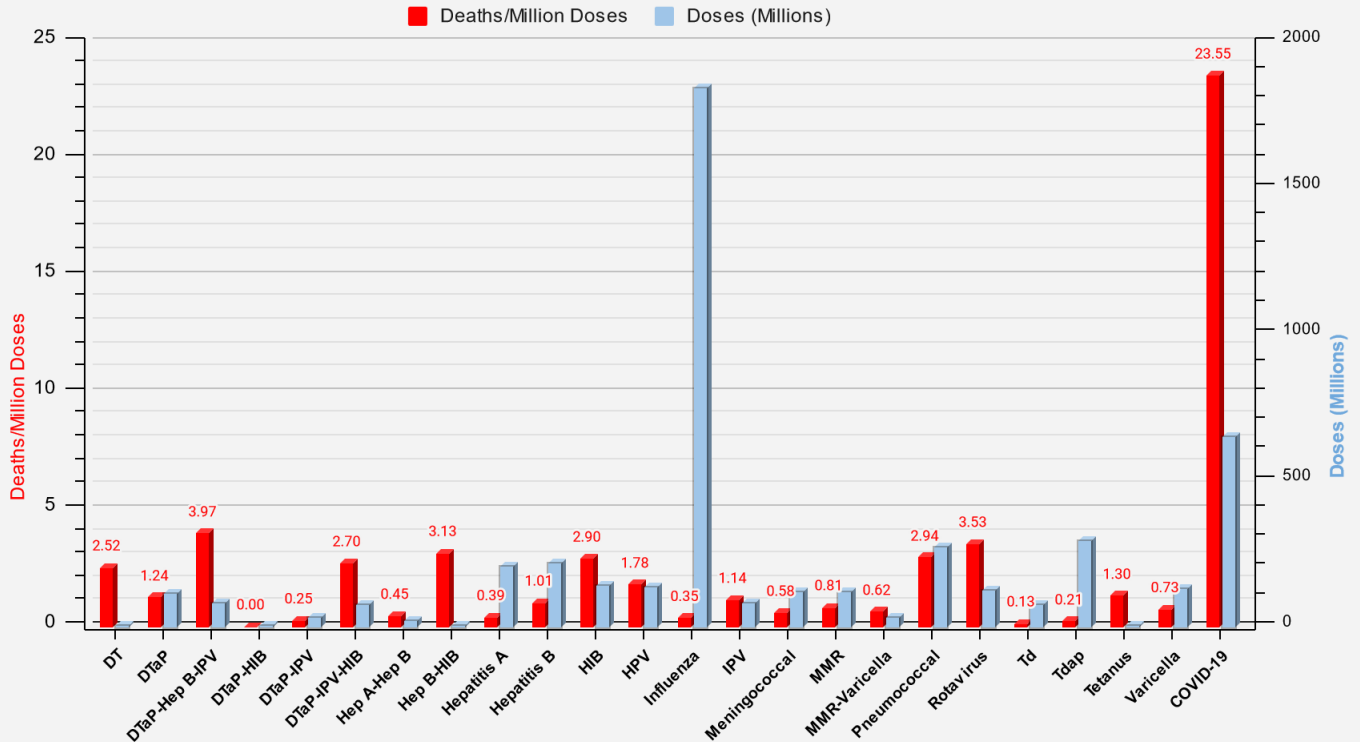
# Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



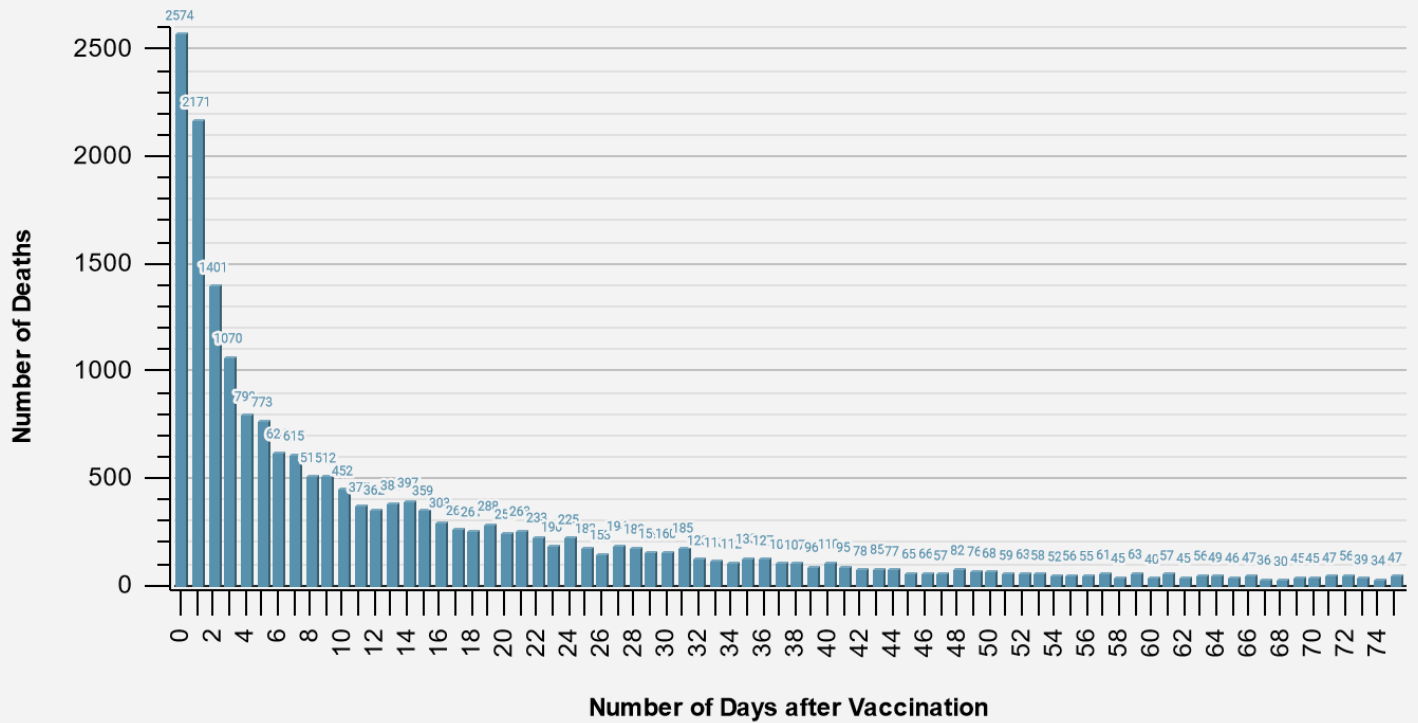
# Deaths Per Million Doses (US Only) Traditional Vaccines (2006 - 2019), Covid-19 Vaccines (2020-Present)

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



# Number of Deaths by Days After COVID19 Vaccination

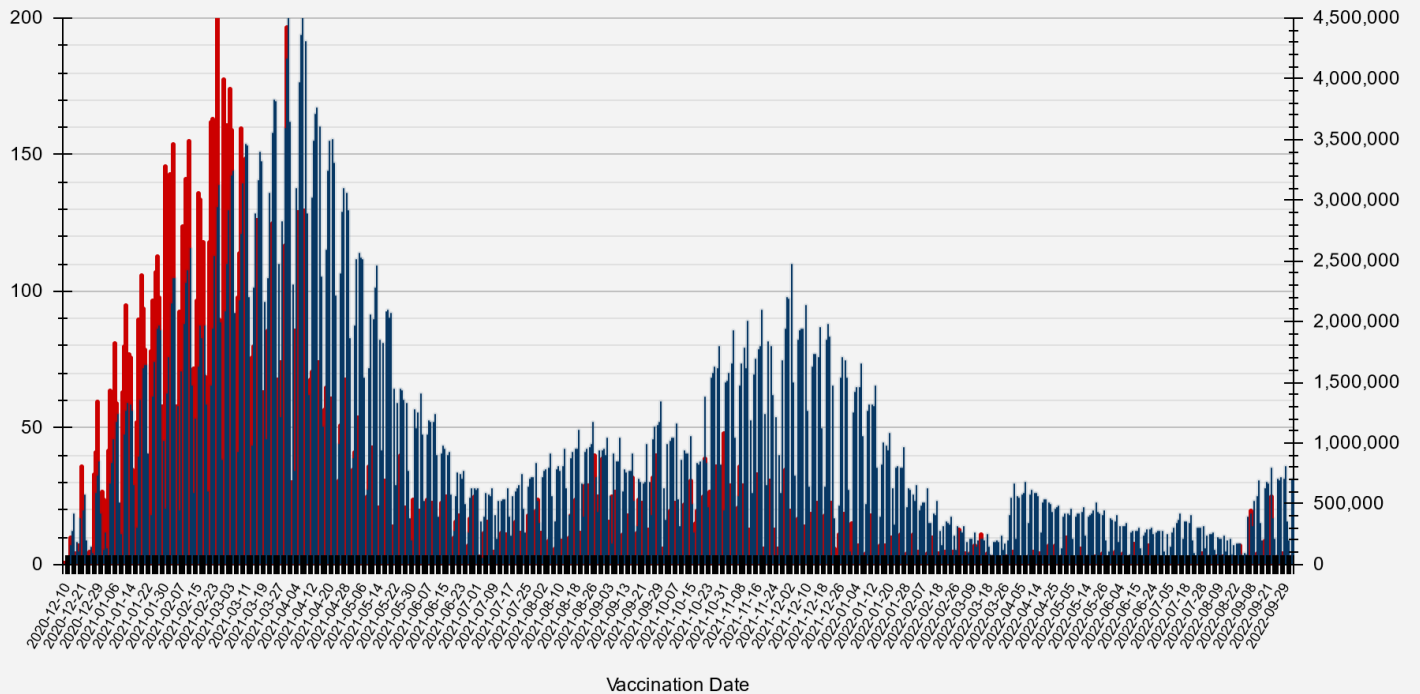
Data obtained from CDC's VAERS



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

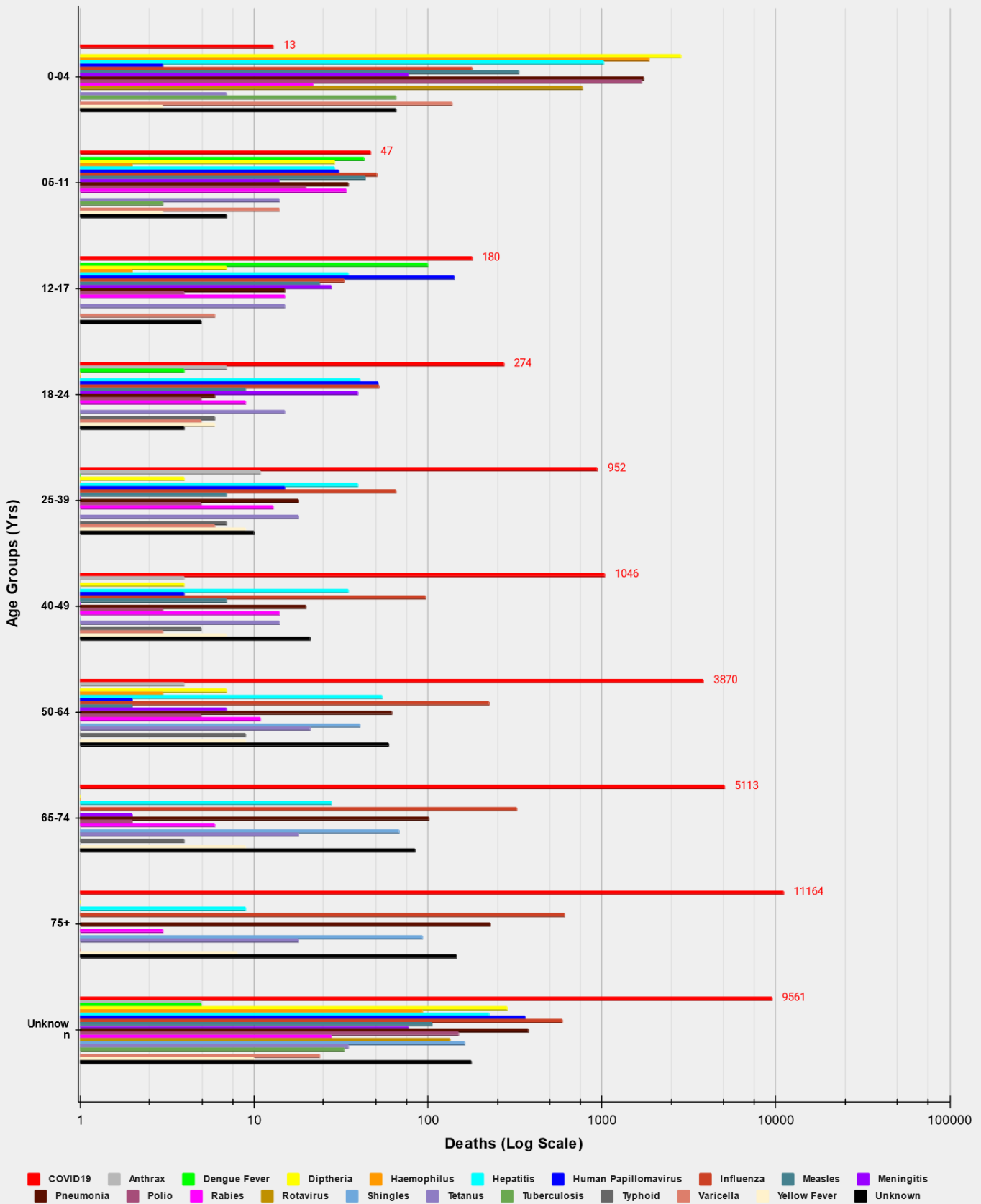
Data Obtained from CDC's VAERS & CDC

■ Number of Deaths ■ Number of Doses



# Age Stratification of Deaths By Vaccine Type (US+Foreign) (1990-Present)

Data Obtained from CDC's VAERS

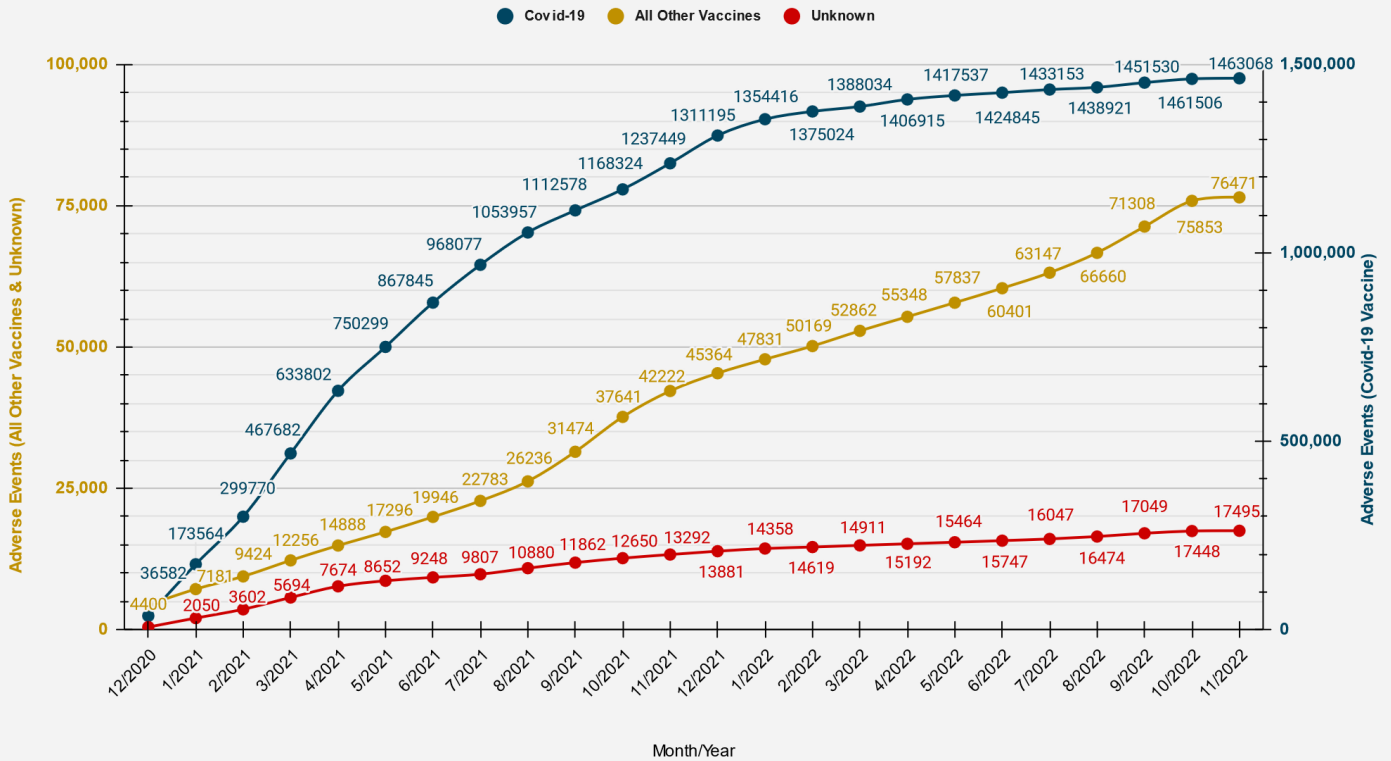


[Vaccines not included above (due to n < 20 overall deaths): Adenovirus, Cholera, Dengue Fever, Encephalitis, Ebola, Lyme, Mumps, Pertussis, Plague, Rubella, Smallpox]

# Adverse Events

## Cumulative Reported AEs After Vaccination - 2 Year Summary

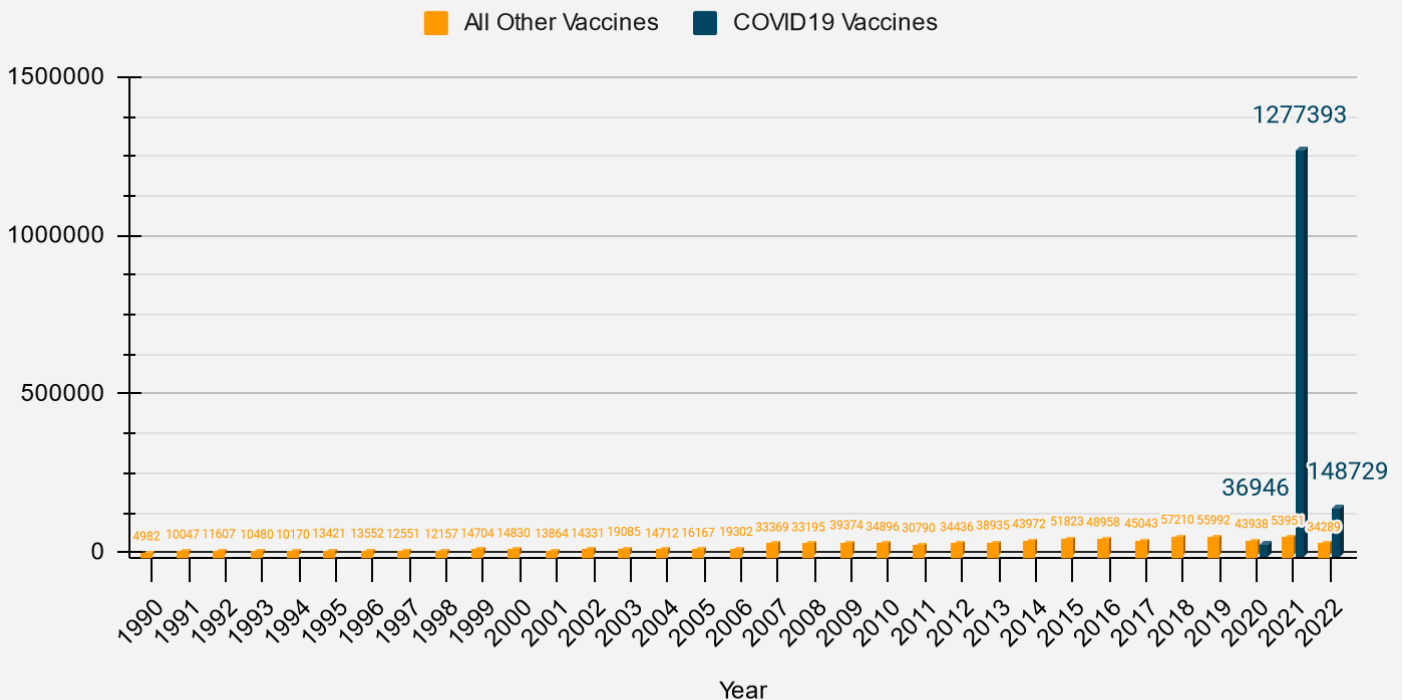
Data obtained from CDC's VAERS



[Unknowns separated from All Other Vaccines for greater clarity; in many cases the Unknowns are actually Covid-19]

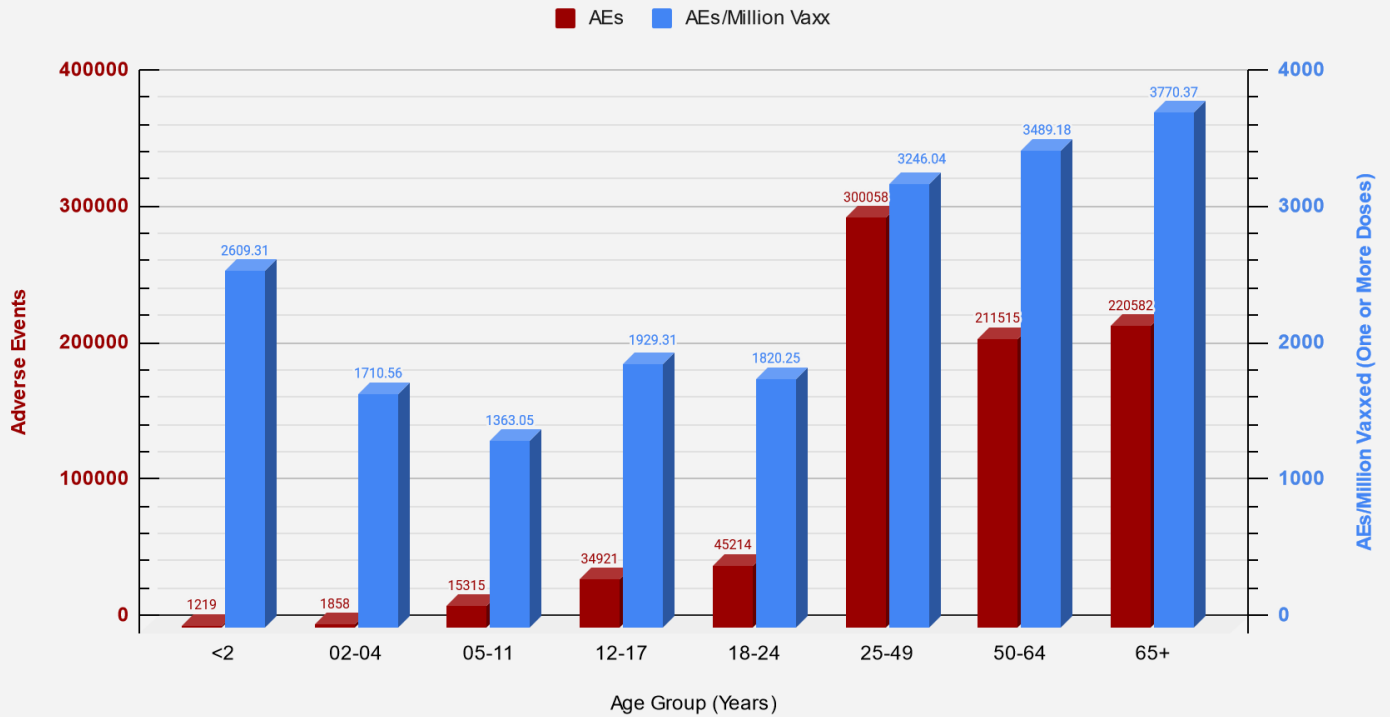
## Reported Adverse Events by Year, COVID19 vs. All Other Vaccines

Data obtained from CDC's VAERS



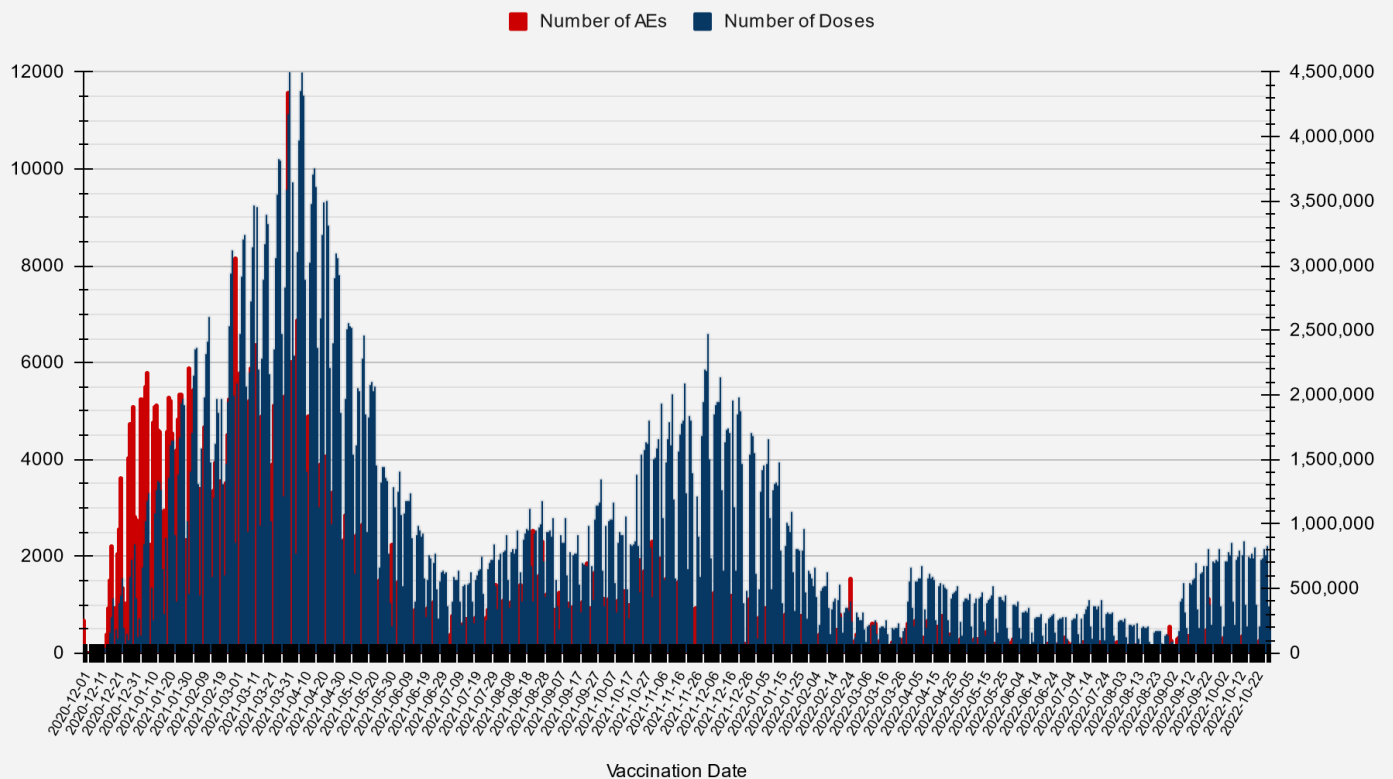
# Age Stratification of Adverse Events After COVID-19 Vaccination US Data Only

Data obtained from CDC's VAERS



# Reported Adverse Events Daily, COVID19 Vaccines vs. Doses Administered (US Data Only)

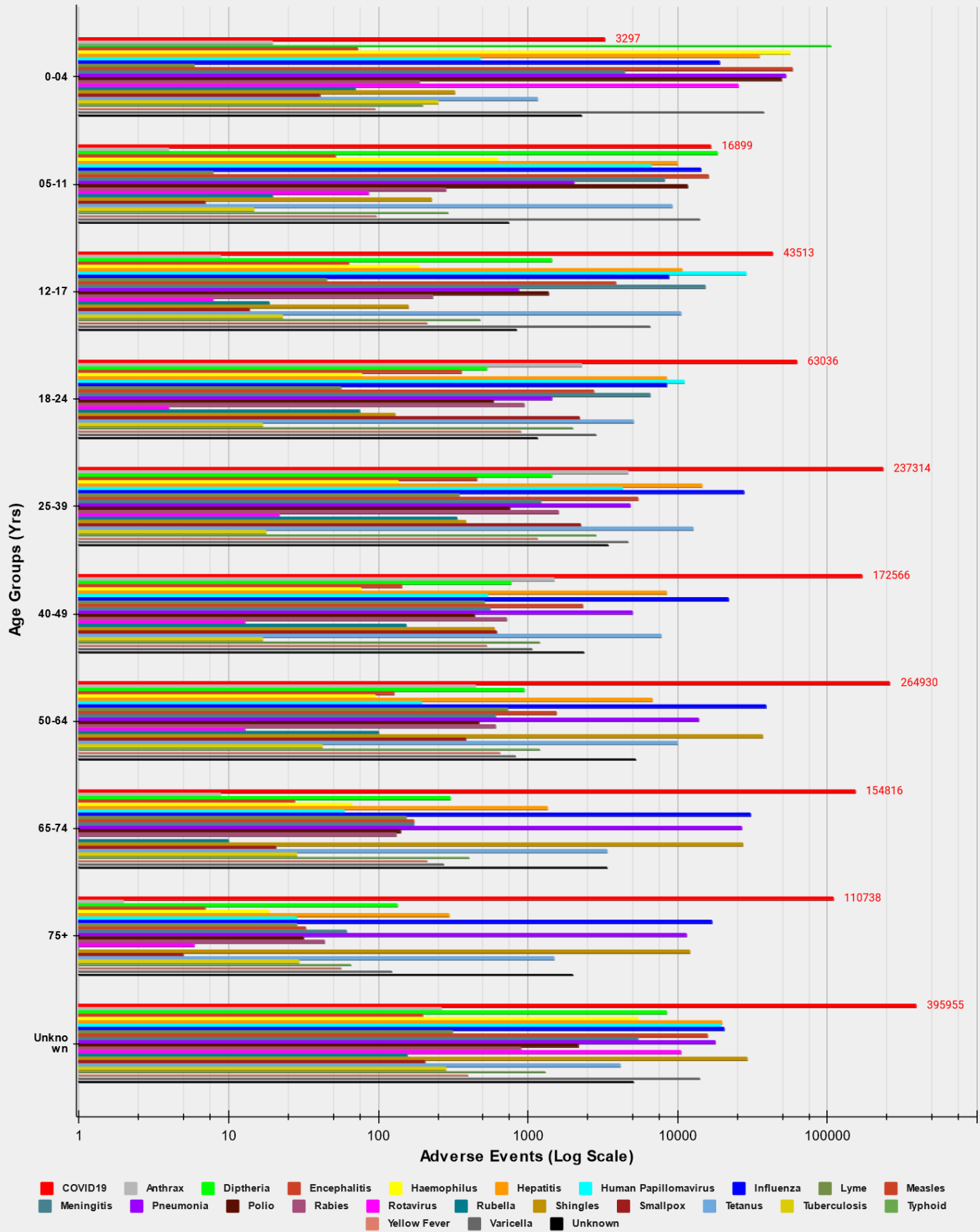
Data Obtained from CDC's VAERS





# Age Stratification of Adverse Events By Vaccine Type (US+Foreign) (1990-Present)

Data Obtained from CDC's VAERS



[Vaccines not included above (due to n < 500 overall AEs): Adenovirus, Cholera, Dengue Fever, Ebola, Mumps, Pertussis, Plague]

# 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\*\*\***

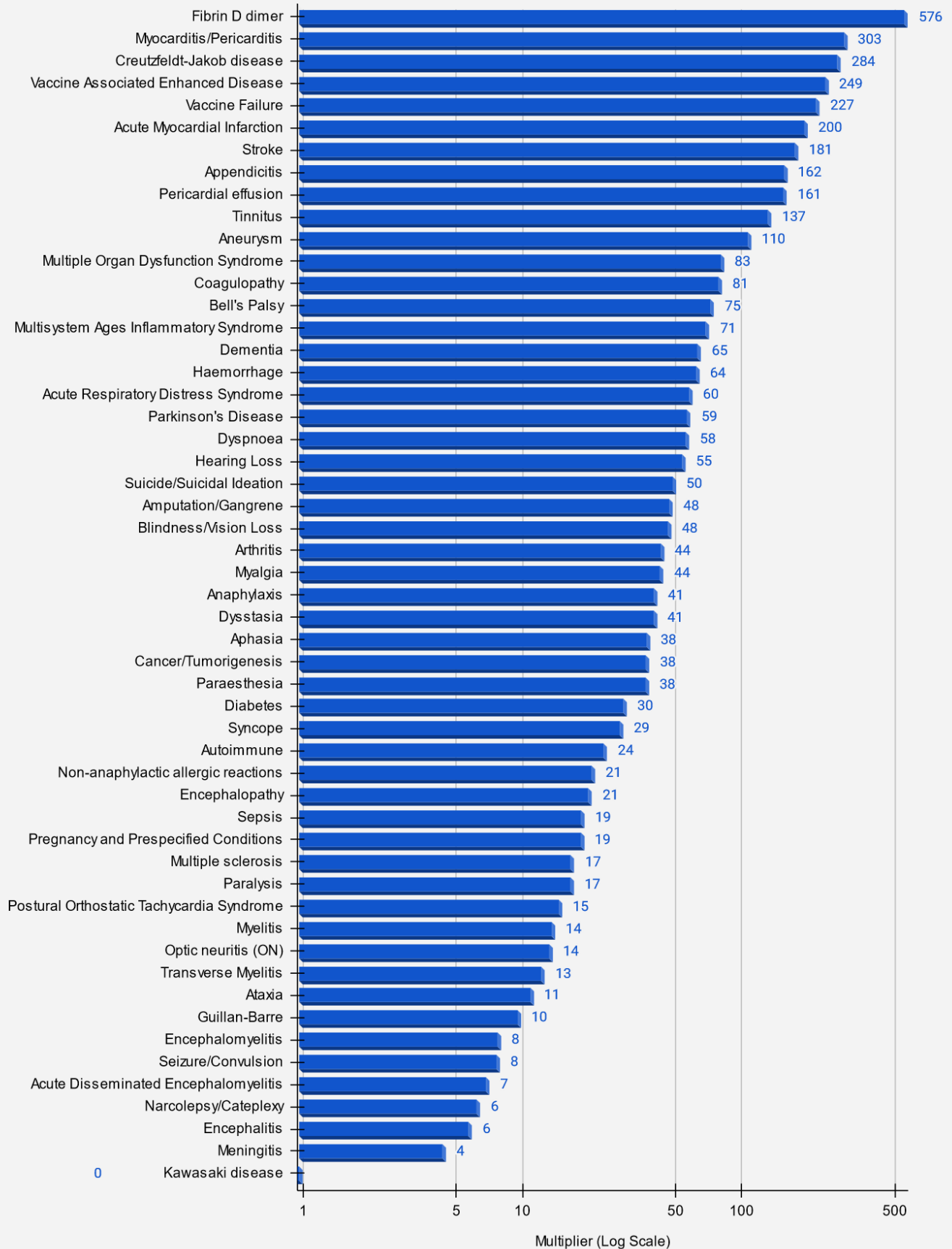
- Guillain-Barré syndrome
  - Acute disseminated encephalomyelitis
  - Transverse myelitis
  - Encephalitis/myelitis/encephalomyelitis/ meningoencephalitis/meningitis/ encephalopathy
  - Convulsions/seizures
  - Stroke
  - Narcolepsy and cataplexy
  - Anaphylaxis
  - Acute myocardial infarction
  - Myocarditis/pericarditis
  - 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	Total (Non-Lethal) AEs for All Other Vaccines (1990-present)	Total Deaths for All Other Vaccines (1990-present)
Guillain-Barre	3041	66	4562	145
Acute Disseminated Encephalomyelitis	234	7	452	30
Transverse Myelitis	627	6	846	16
Encephalitis	2971	409	4915	476
Convulsions/Seizures	15617	495	29917	532
Stroke	10880	868	1556	95
Narcolepsy, Cataplexy	266	4	378	3
Anaphylaxis	50517	166	41901	170
Acute Myocardial Infarction (Heart Attack)	5776	1606	354	156
Myocarditis/Pericarditis	24319	386	1006	89
Autoimmune Disease	2489	36	1154	17
Other Acute Demyelinating Diseases	448	7	871	25
Pregnancy and birth outcomes (Miscarriages)	4849	149	2914	50
Other Allergic Reactions	2645	4	2104	3
Thrombocytopenia	4896	417	3455	130
Disseminated Intravascular Coagulation	292	93	61	26
Venous Thromboembolism	26949	1618	713	116
Arthritis and Arthralgia/Joint Pain	86440	295	29626	79
Kawasaki Disease	90	2	724	8
Systemic Inflammatory Response Syndrome	1010	65	369	7

# Average Annual Adverse Events by Symptom for Covid-19 Vaccines as a Multiple of All Other Vaccines Combined since 1990

(Data from VAERS through 11/11/22)



## 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 [CDC's Vaccination Trends in the US](#) for the COVID19 vaccinations.

**Covid19 vaccinations through 5/31/2021 vs. Flu vaccinations 7/1/2019 - 5/31/2020 (last complete flu season)**

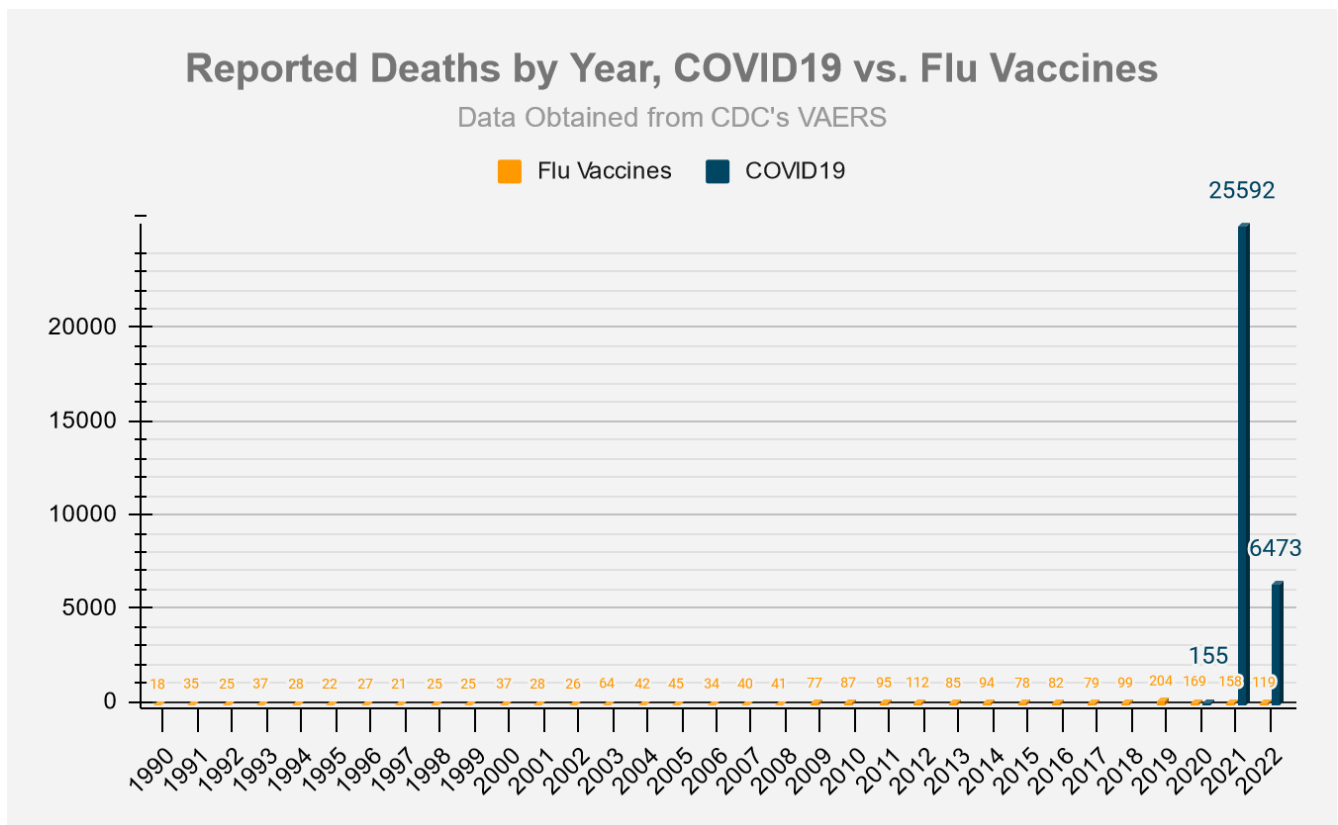
Vaccine Type	# of Vaccinations <sup>[3]</sup>	# of Deaths	Risk of Death	Percentage	Deaths/Mill. Vaccinations <sup>[3]</sup>
Flu	167,447,642 <sup>[1]</sup>	33	1 in 5,074,171	0.000020%	0.20
COVID19	173,629,456 <sup>[2]</sup>	6,044	1 in 28,728	0.003481%	34.81
<b>Risk of dying from COVID vaccine is 177 times greater than Flu Vaccine</b>					

Vaccine Type	# of Vaccinations <sup>[3]</sup>	# of Adverse Reactions	Risk of Adverse Reaction	Percentage	AEs/Mill. Vaccinations <sup>[3]</sup>
Flu	167,447,642	9,735	1 in 17,201	0.005814%	58.14
COVID19	173,629,456	573,907	1 in 303	0.330536%	3,305.36
<b>Risk of adverse reaction from COVID vaccine is 57 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 [CDC's Vaccination Trends in the US](#)

[3] Persons vaccinated with at least one dose.



## 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)	2790	8.62	4.48	1816	18948166	95.84	623	2/26/2021
Moderna	8836	27.29	12.75	6514	243881608	26.71	693	12/18/2020
Pfizer/Biontech	20473	63.24	29.25	6919	387174835	17.87	700	12/11/2020
Unknown	208	0.64		61	751357			
Pfizer-Bivalent	48	0.15	0.68	46	22681194	2.03	71	9/1/2022
Moderna-Bivalent	21	0.06	0.3	21	12715605	1.65	71	9/1/2022

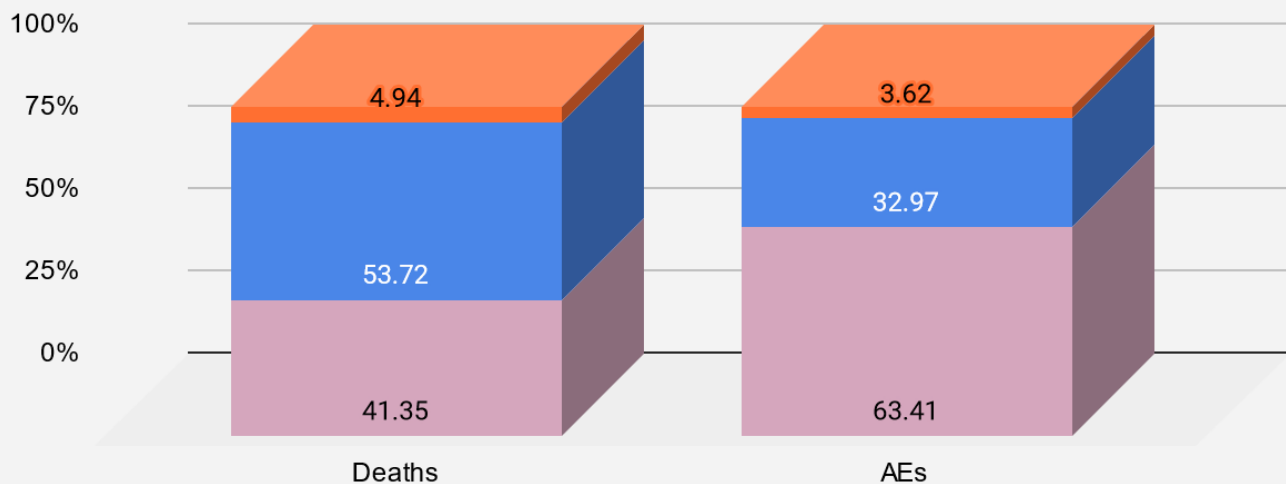
Manufacturer	# of AEs	% AEs	Average AEs/Day	# US AEs	# US Doses Administered	Average US AEs/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	95640	6.49	153.52	71093	18948166	3751.97	623	2/26/2021
Moderna	492705	33.45	710.97	406269	243881608	1665.85	693	12/18/2020
Pfizer/Biontech	866851	58.85	1238.36	412325	387174835	1064.96	700	7/13/2022
Unknown	8902	0.6		4536	751357			
Novavax	161	0.01	1.33	150	54324	2761.21	121	12/11/2020
Pfizer-Bivalent	4864	0.33	68.51	4840	22681194	213.39	71	9/1/2022
Moderna-Bivalent	4019	0.27	56.61	4002	12715605	314.73	71	9/1/2022

## Vaccine Data by Gender

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

All Data Obtained from CDC's VAERS

■ Unknown   
 ■ Male   
 ■ Female

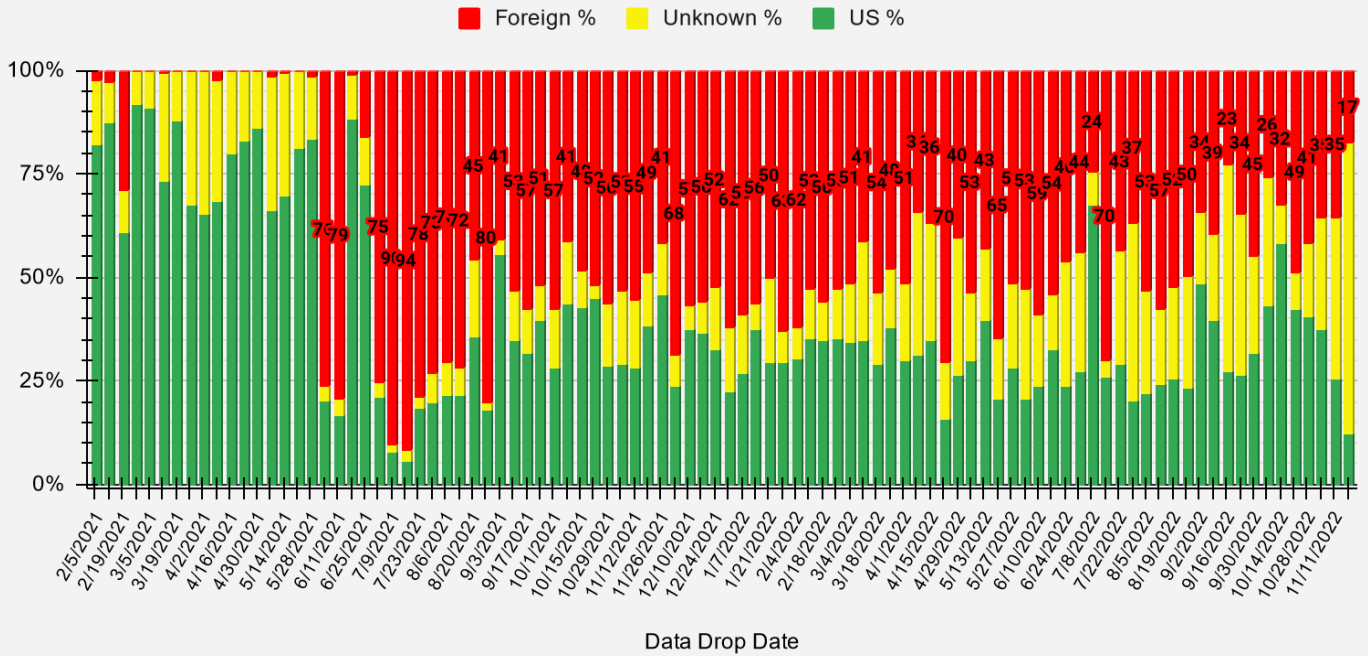


Percentage

# Vaccine Data by Location

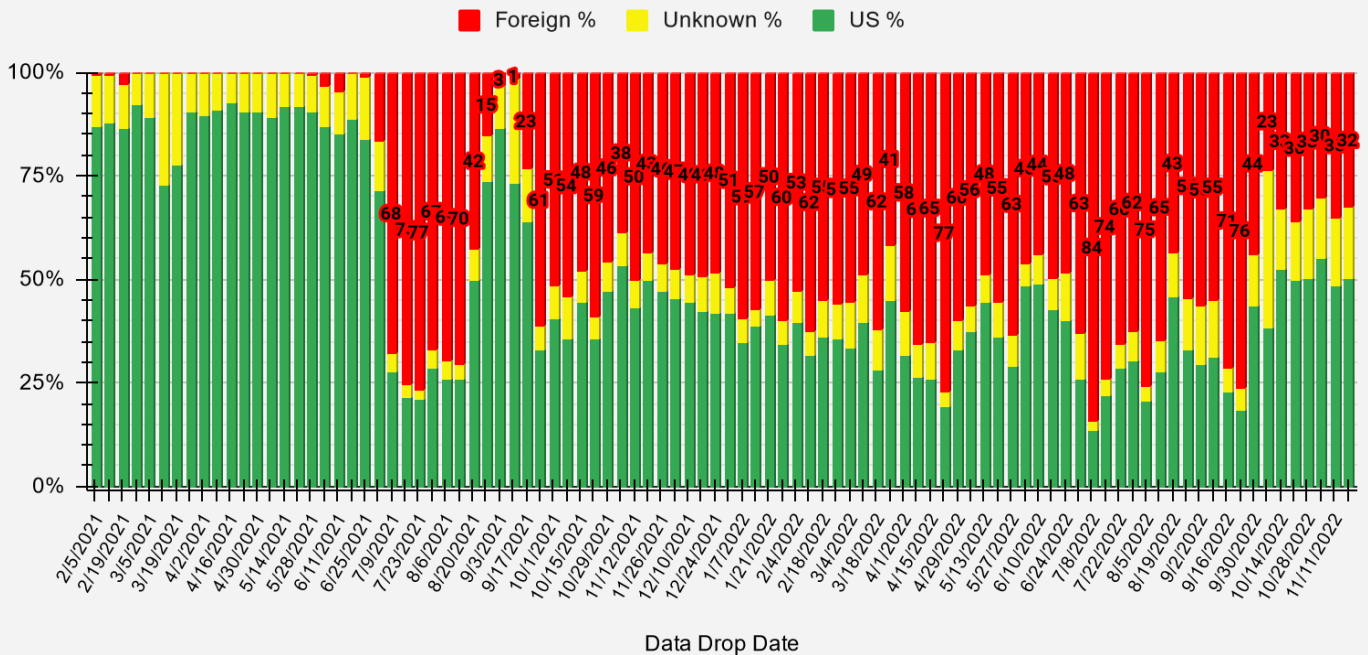
## Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS



## Distribution by Location of Reported Adverse Events after COVID19 Vaccination

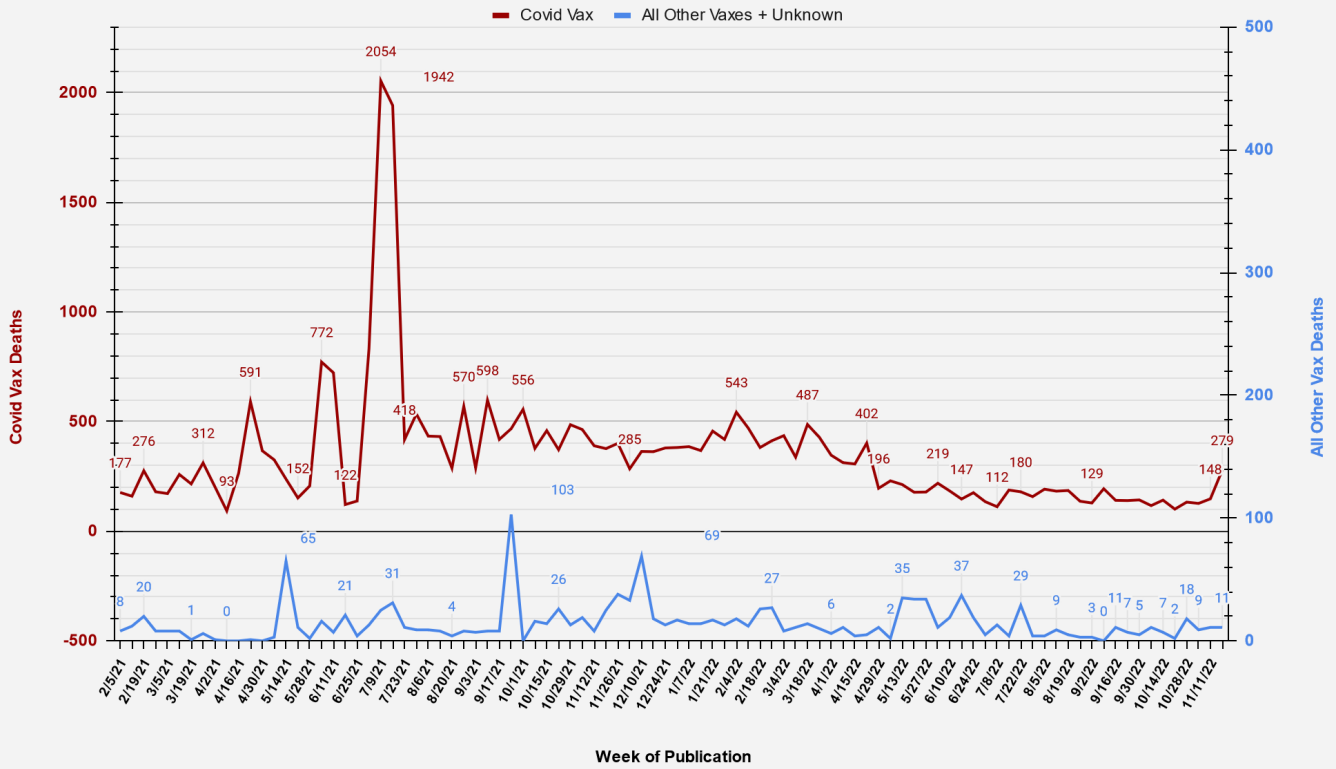
All Data Obtained from CDC's VAERS



# VAERS Weekly Publication History

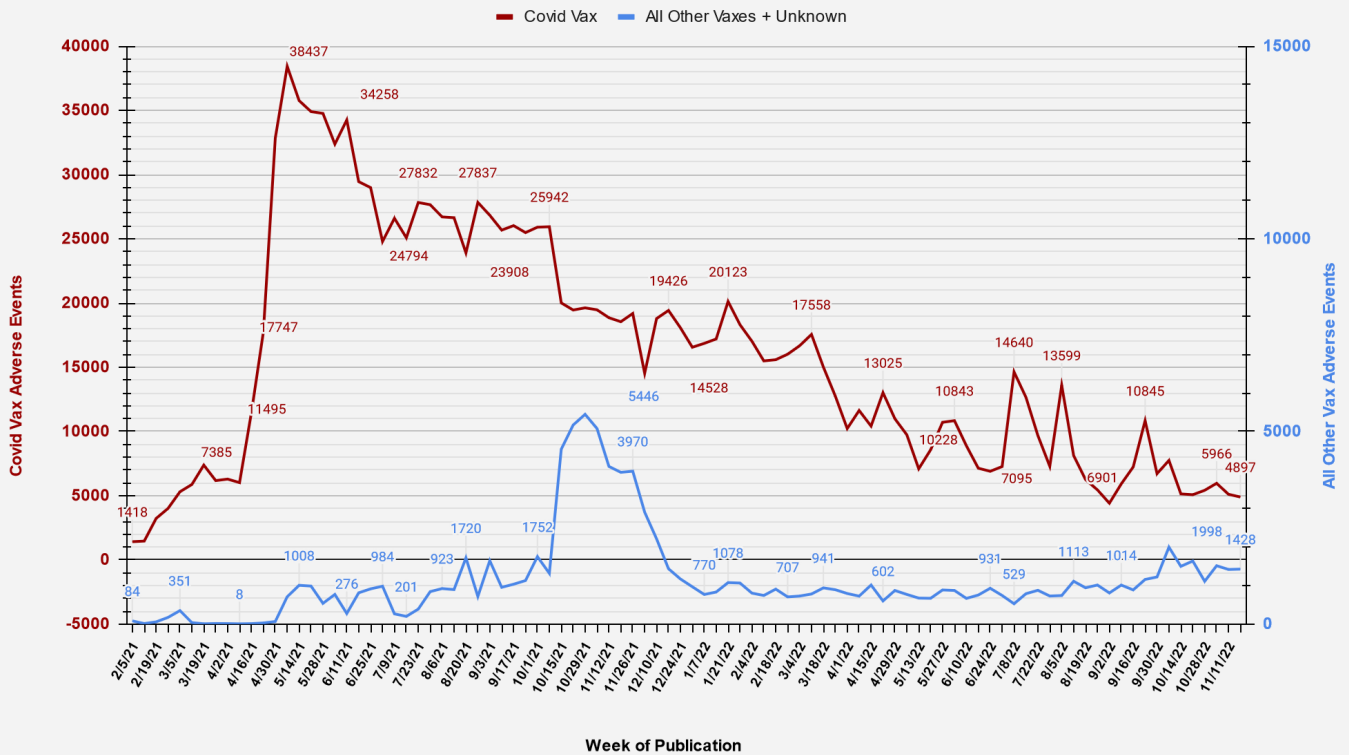
## New VAERS Deaths Published by Week

All Data Obtained from CDC's VAERS



## New VAERS Adverse Events Published by Week

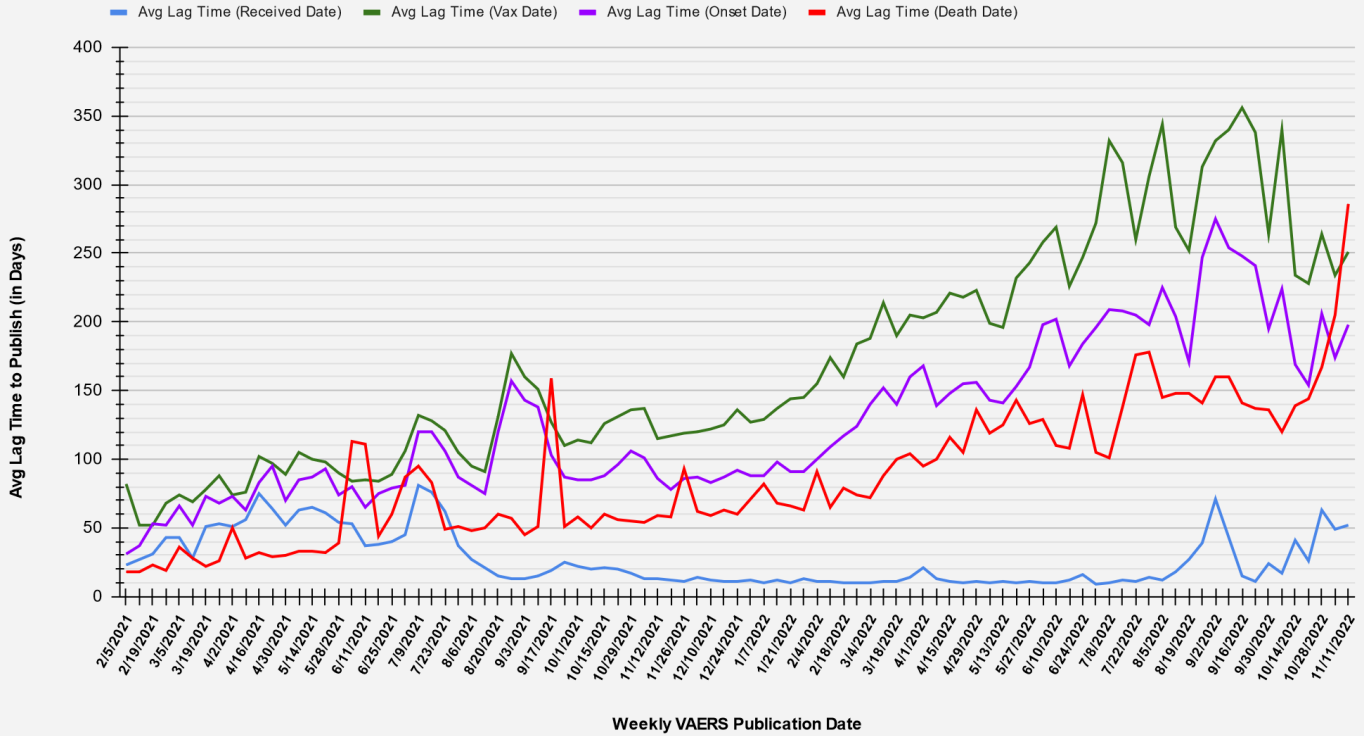
All Data Obtained from CDC's VAERS



# Lag Time to Publish History

## Average Lag Time to Publish in VAERS

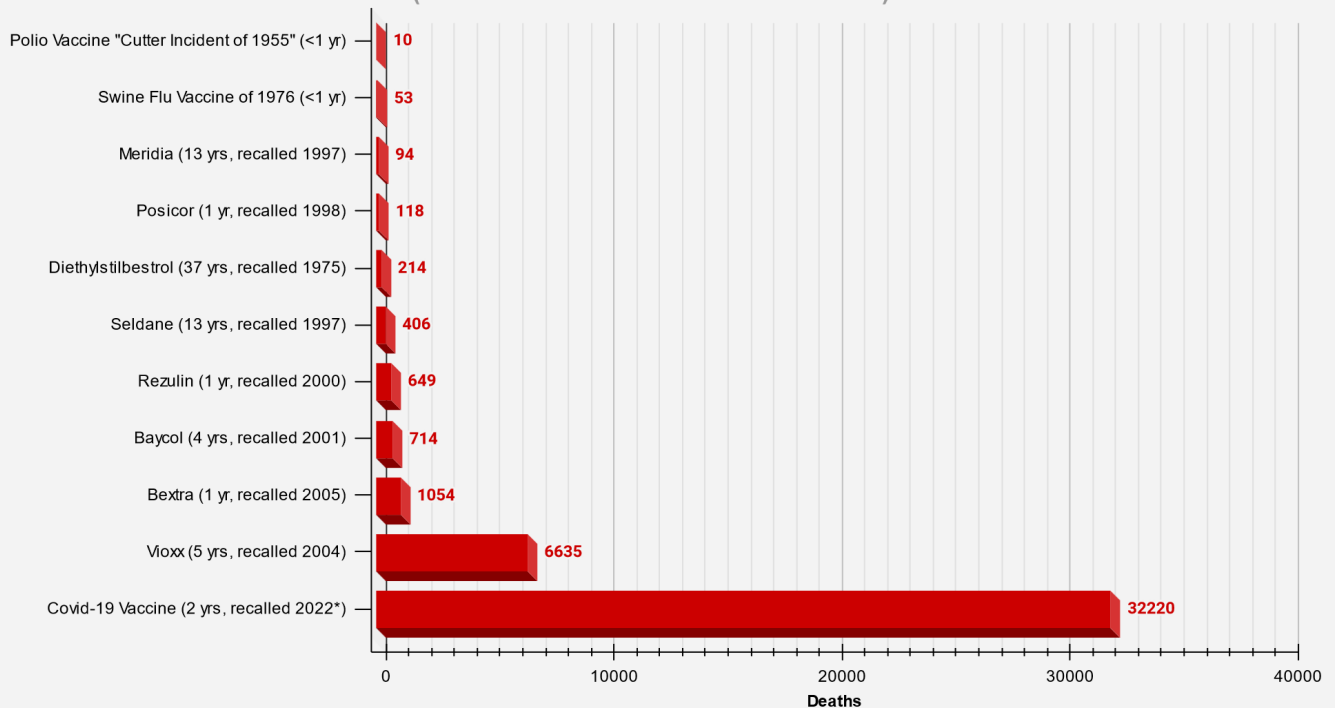
(Avg difference between date of publication and these dates: Received Date, Vax Date, Onset Date, Death Date)



# Recall History

## Reported Deaths for Major Drug/Vaccine Recalls

(Data Obtained from VAERS and FAERS)



\*Projected

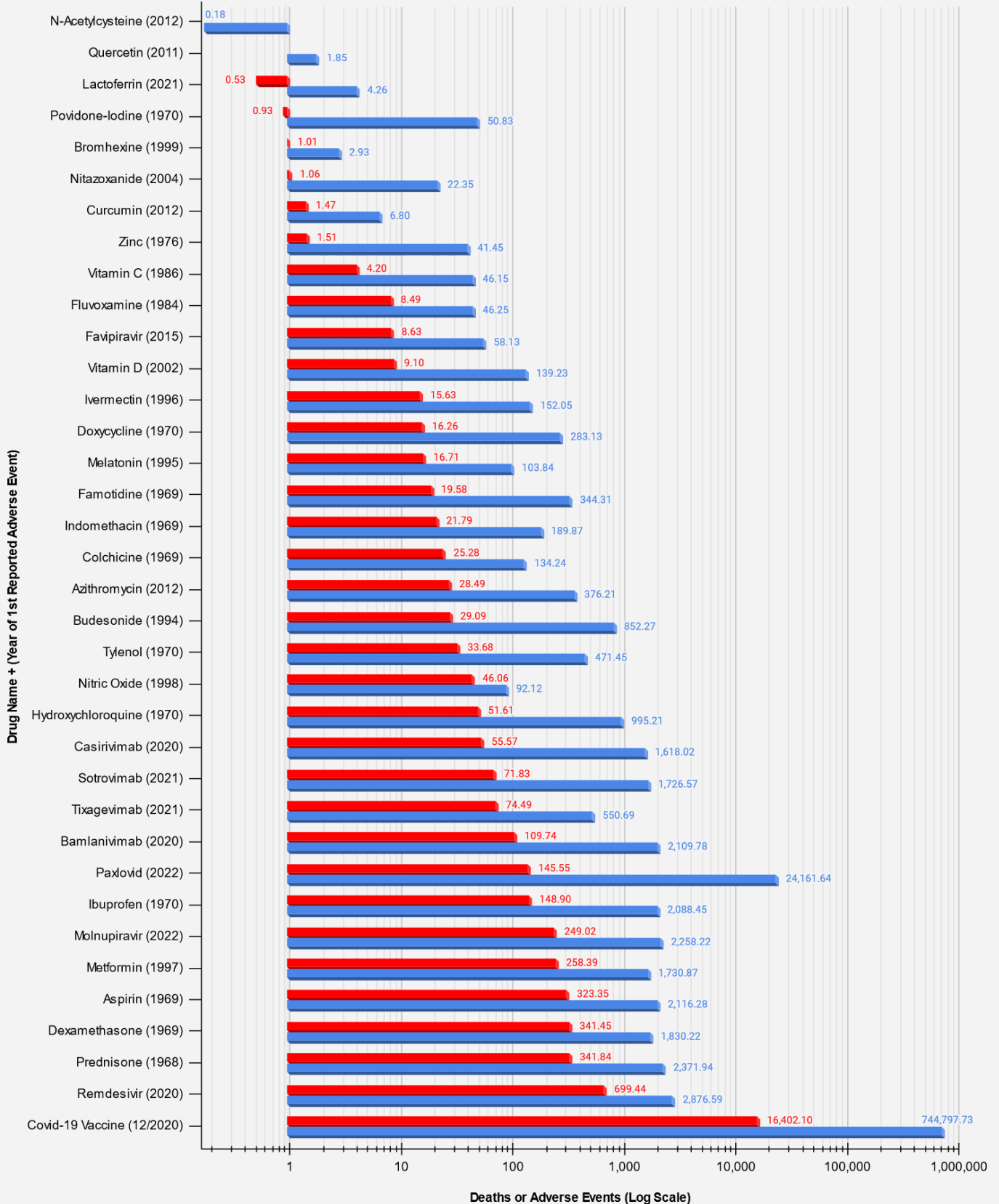


# Alternative Covid-19 Therapeutics

## Average Reported Deaths/AEs per Year for Covid-19 Therapeutics

Data Obtained from FAERS/VAERS (list of Covid-19 therapeutics from c19early.com)

■ Avg Deaths Per Year ■ Avg Adverse Events Per Year



[Note that N-Acetylcysteine and Quercetin have 0 reported deaths]

## Sources

Visit: [vaersanalysis.info](https://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](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/coverage-1920estimates.htm>
6. Numbers for FDA regulated drugs taken from FDA's FAERS website, located here: <https://www.fda.gov/drugs/questions-and-answers-fdas-adverse-event-reporting-system-faers/fda-adverse-event-reporting-system-faers-public-dashboard>