

# VAERS Summary for COVID-19 Vaccines through 5/19/2023

All charts and tables below reflect the data release on 5/26/2023 from the VAERS website, which includes U.S. and foreign data, and is updated through: **5/19/2023**.

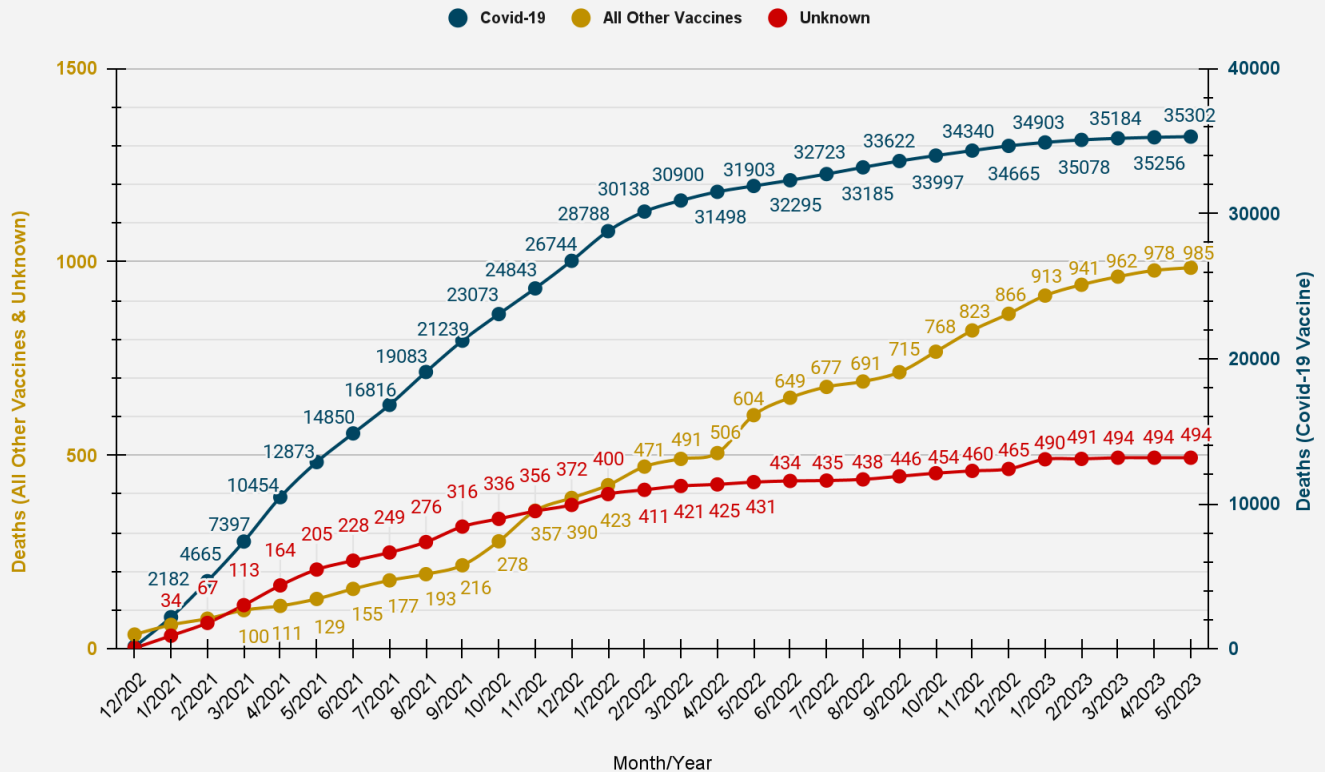
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	1,559,995	935,750	961,869	811,515
Number of Life-Threatening Events	37,667	15,170	14,431	10,283
Number of Hospitalizations	201,116	88,401	81,110	40,659
Number of Deaths	35,302*	10,317*	17,481	5,564
# of Permanent Disabilities after vaccination	66,198	22,137	16,951	13,618
Number of Office Visits	235,355	60,203	193,920	57,351
# of Emergency Room/Department Visits	150,698	217,274	116,023	207,205
# of Birth Defects after vaccination	1,262	224	585	119

\*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

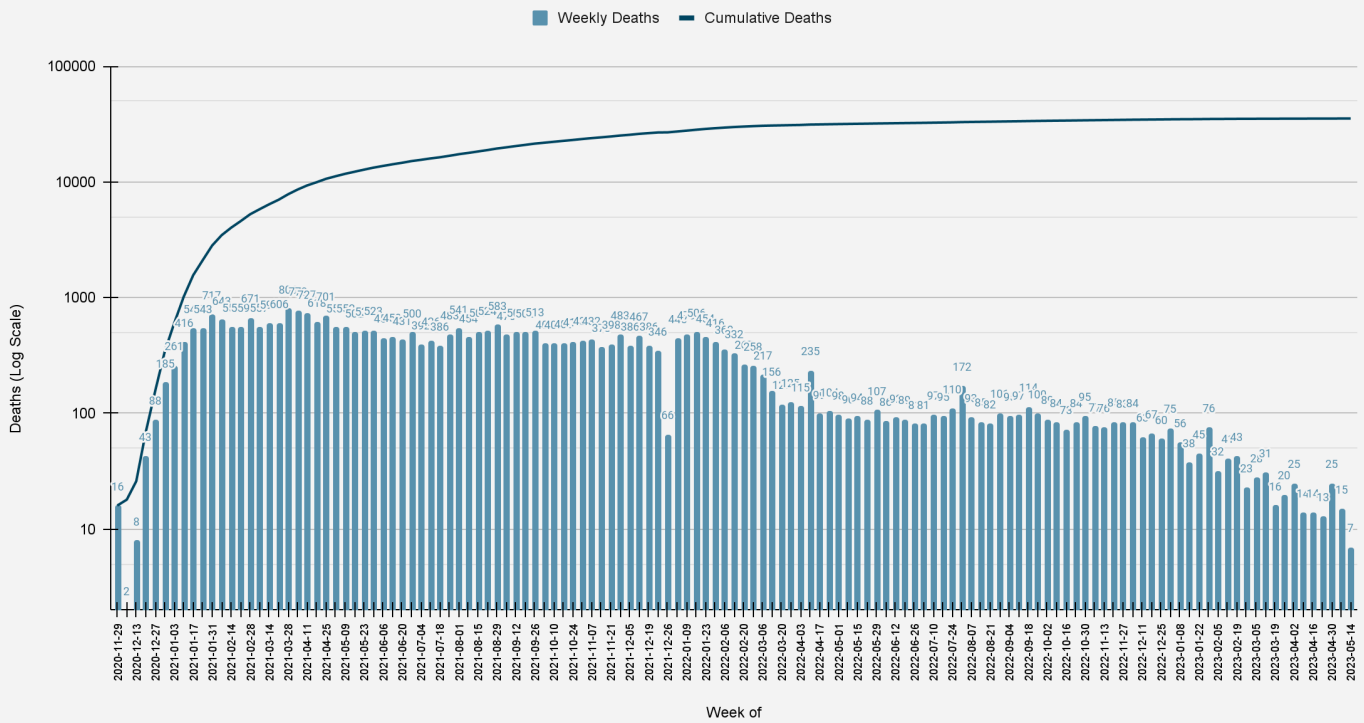
Data obtained from CDC's VAERS



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

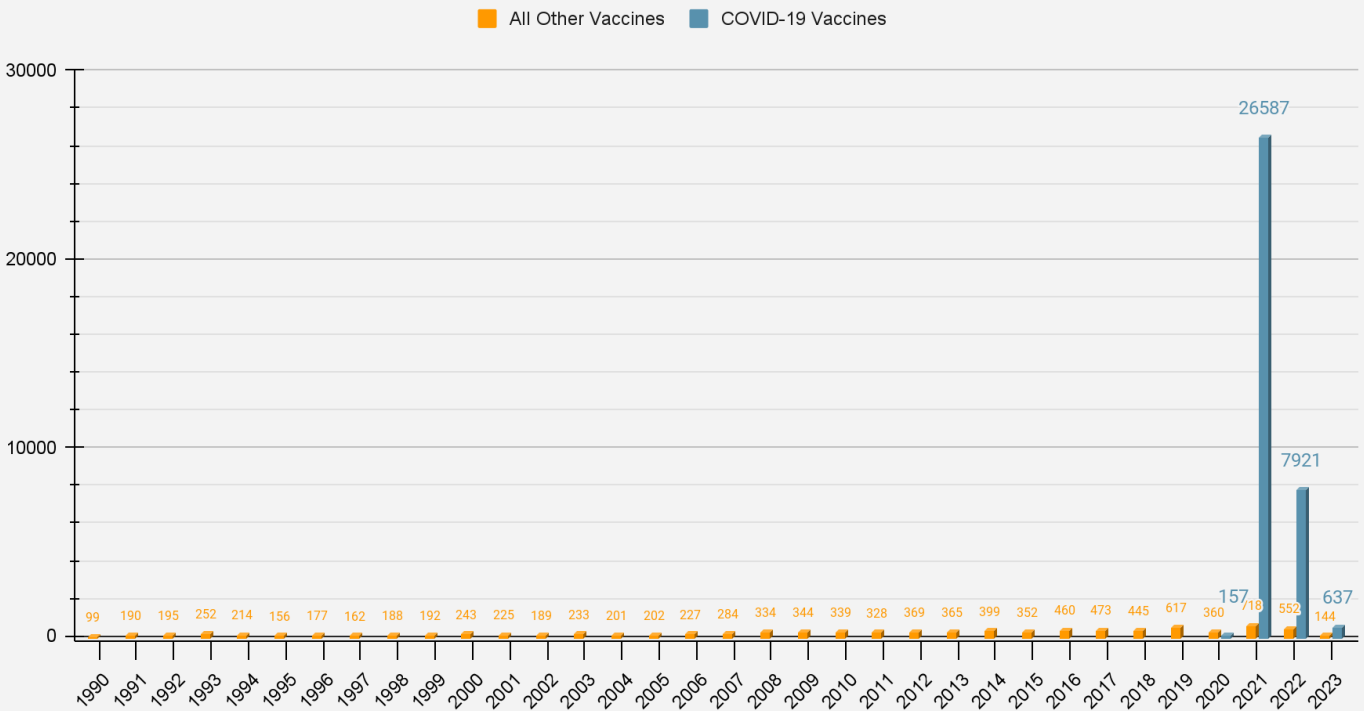
# Reported Deaths by Week, COVID19 Vaccines

Data Obtained from CDC's VAERS



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

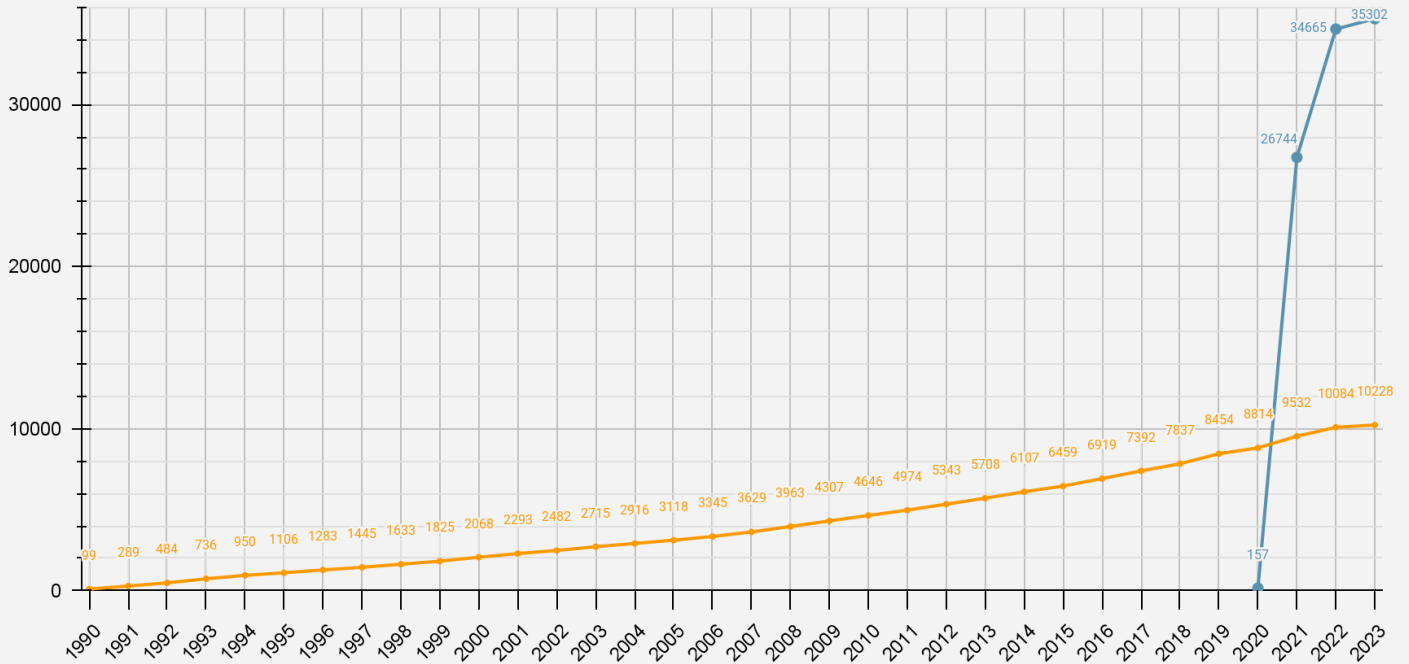
Data Obtained from CDC's VAERS



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

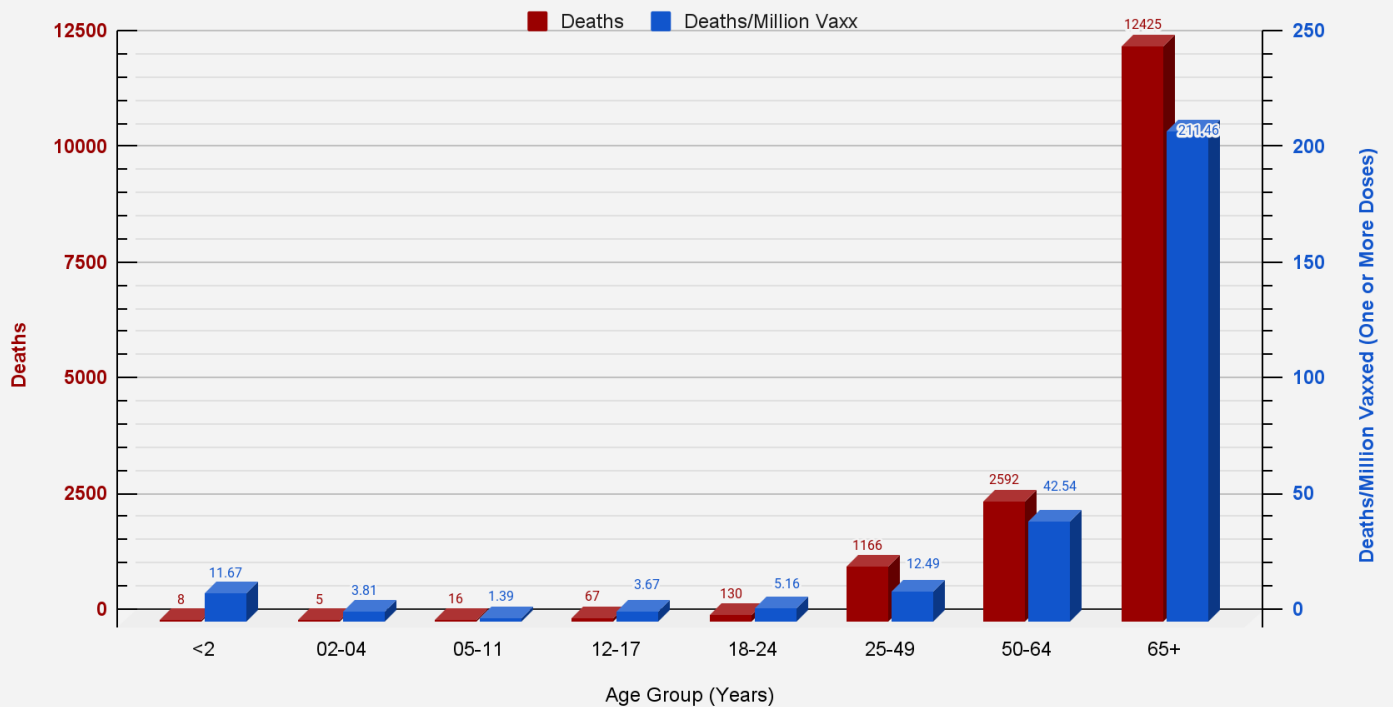
Data Obtained from CDC's VAERS

● COVID19 Vaccines cumulative ● All Other Vaccines cumulative



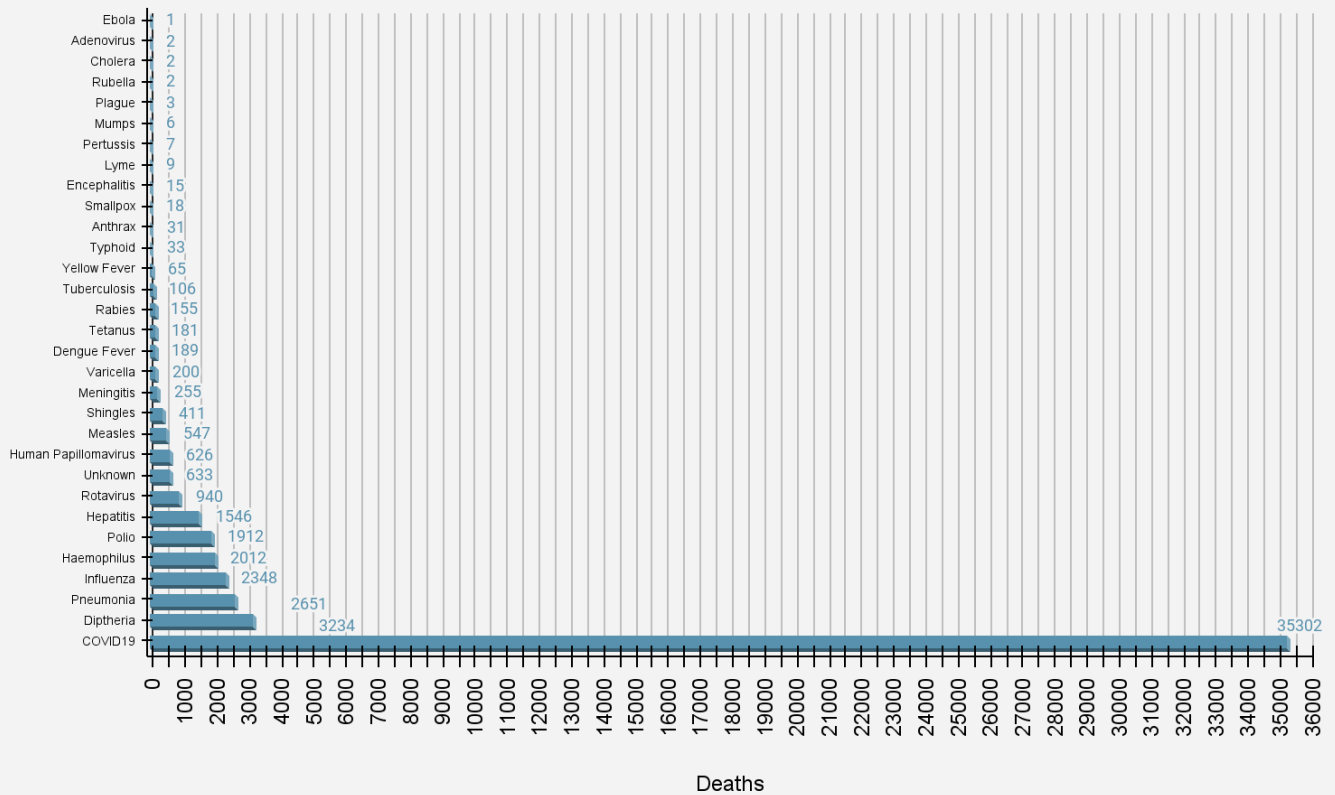
# Age Stratification of Deaths After COVID-19 Vaccination US Data Only

Data Obtained from CDC's VAERS



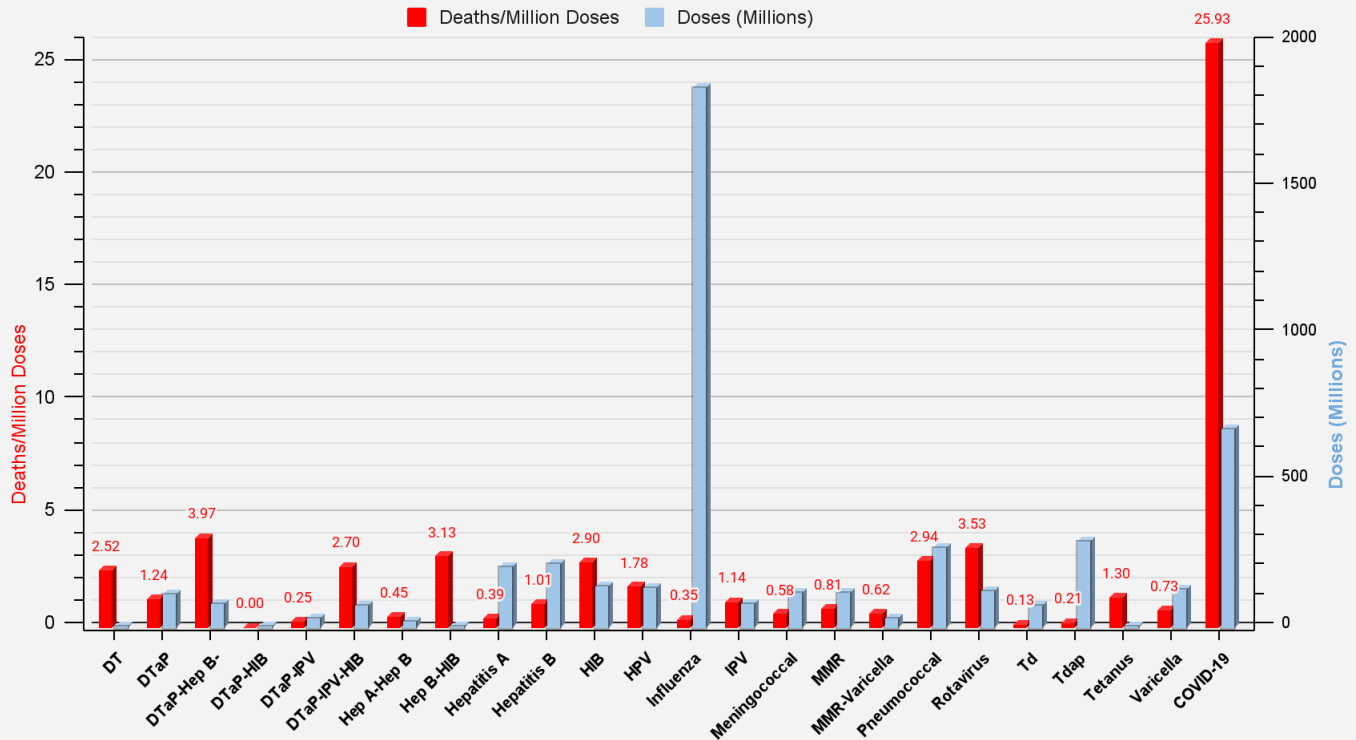
# Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



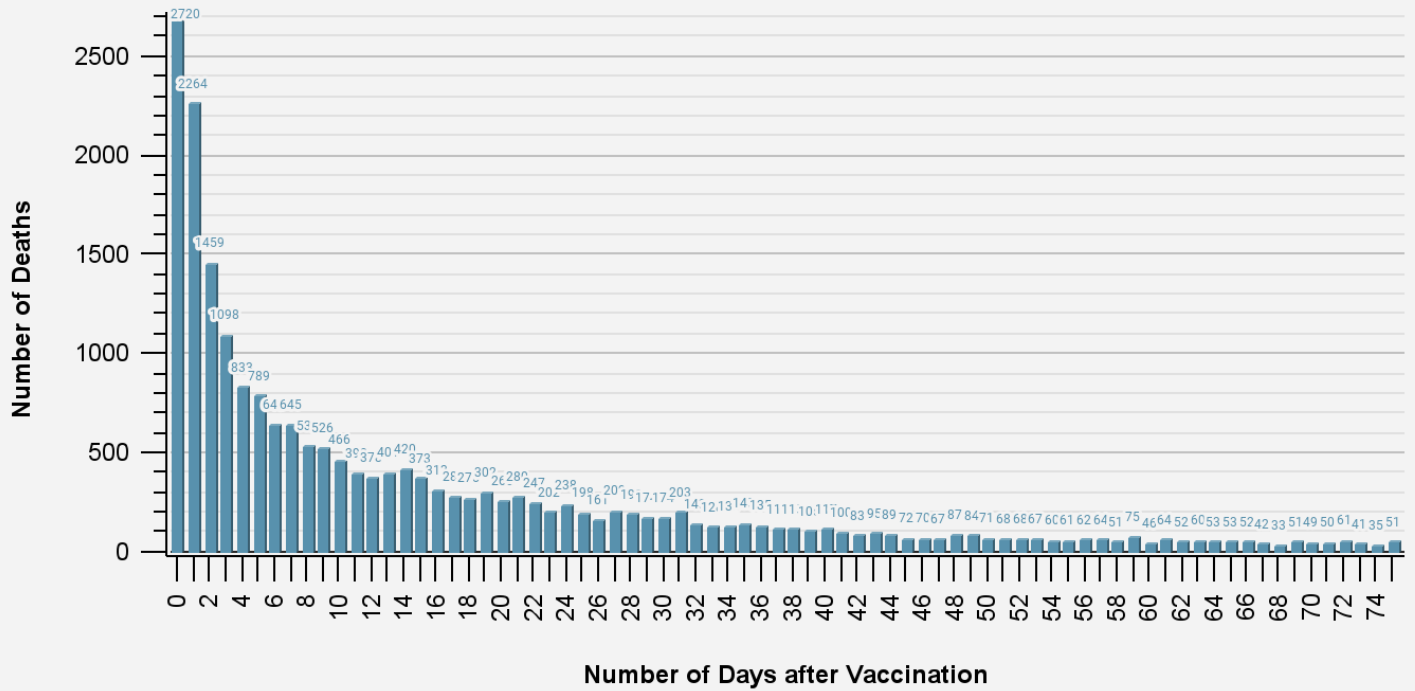
# Deaths Per Million Doses (US Only) Traditional Vaccines (2006 - 2019), Covid-19 Vaccines (2020-Present)

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



# Number of Deaths by Days After COVID19 Vaccination

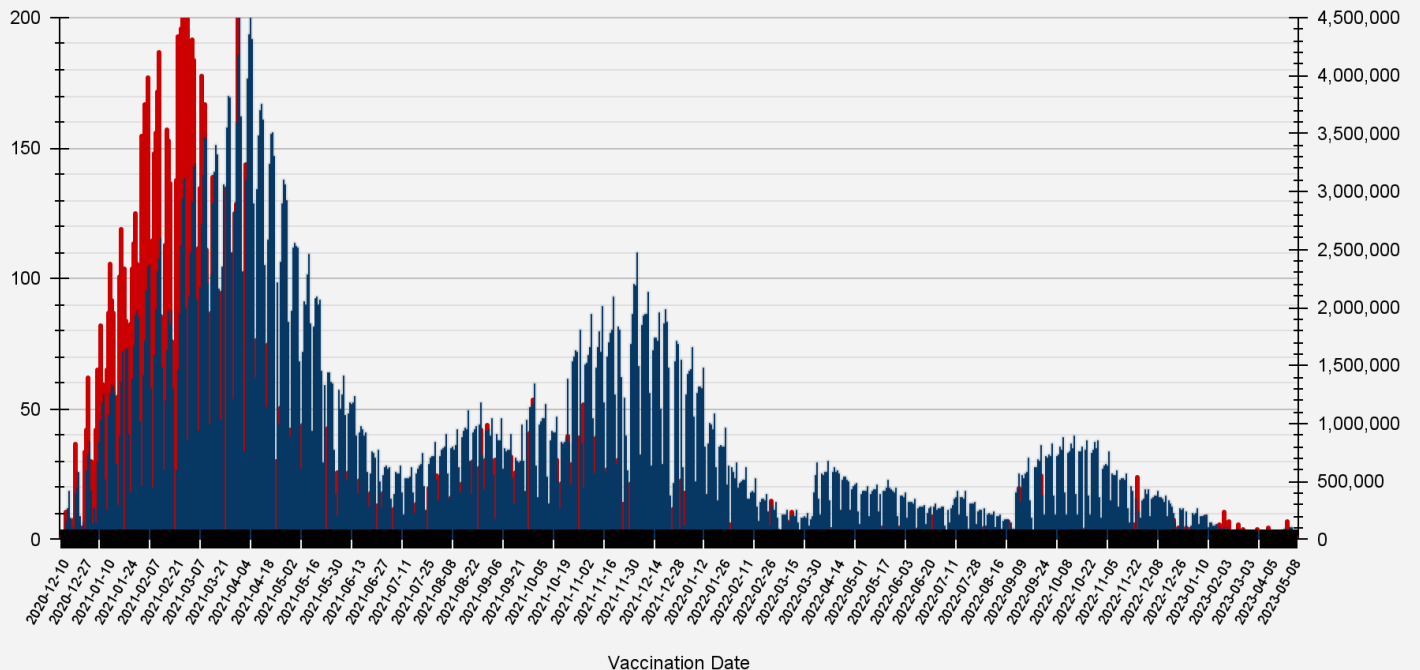
Data obtained from CDC's VAERS



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

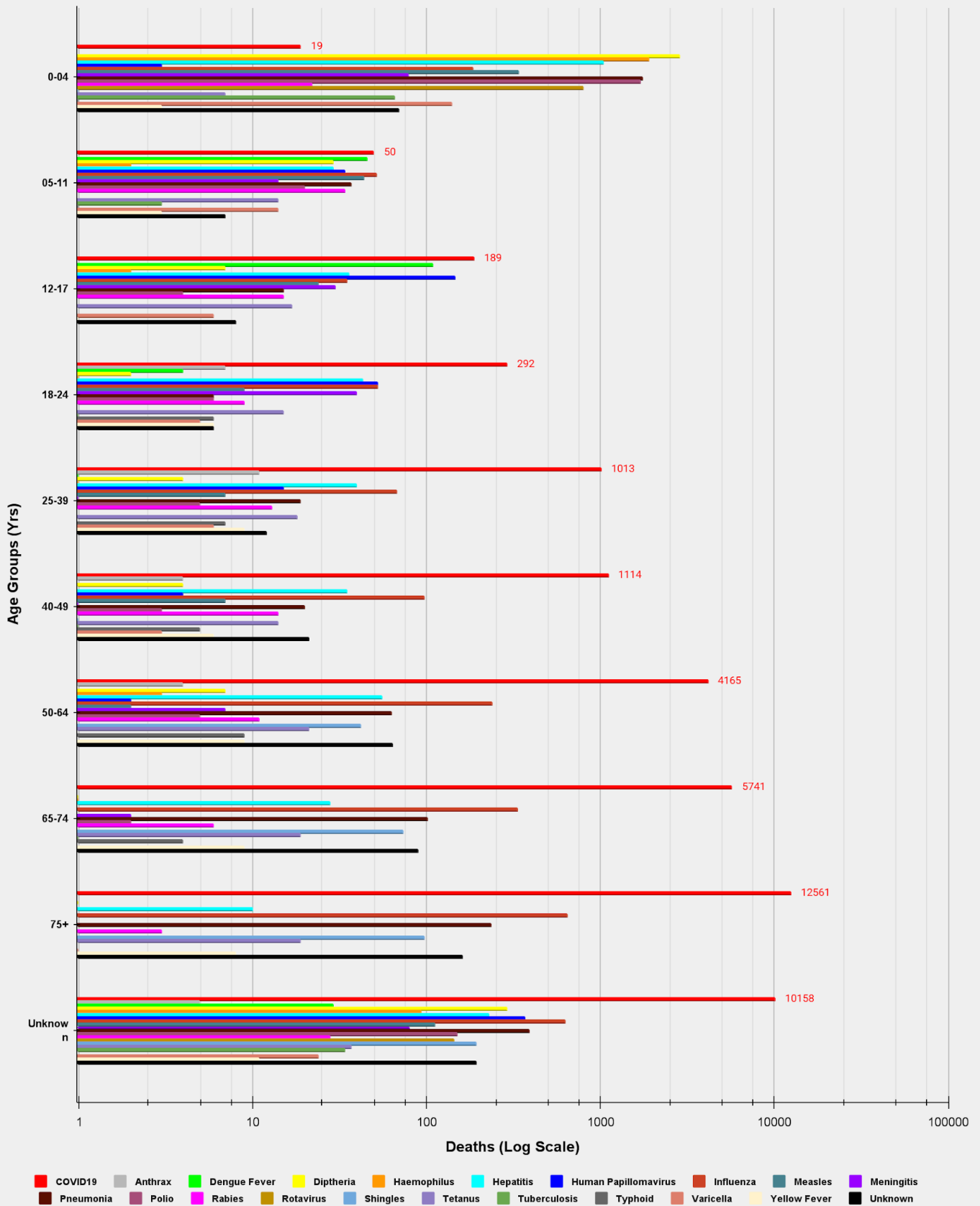
Data Obtained from CDC's VAERS & CDC

■ Number of Deaths ■ Number of Doses



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

Data Obtained from CDC's VAERS

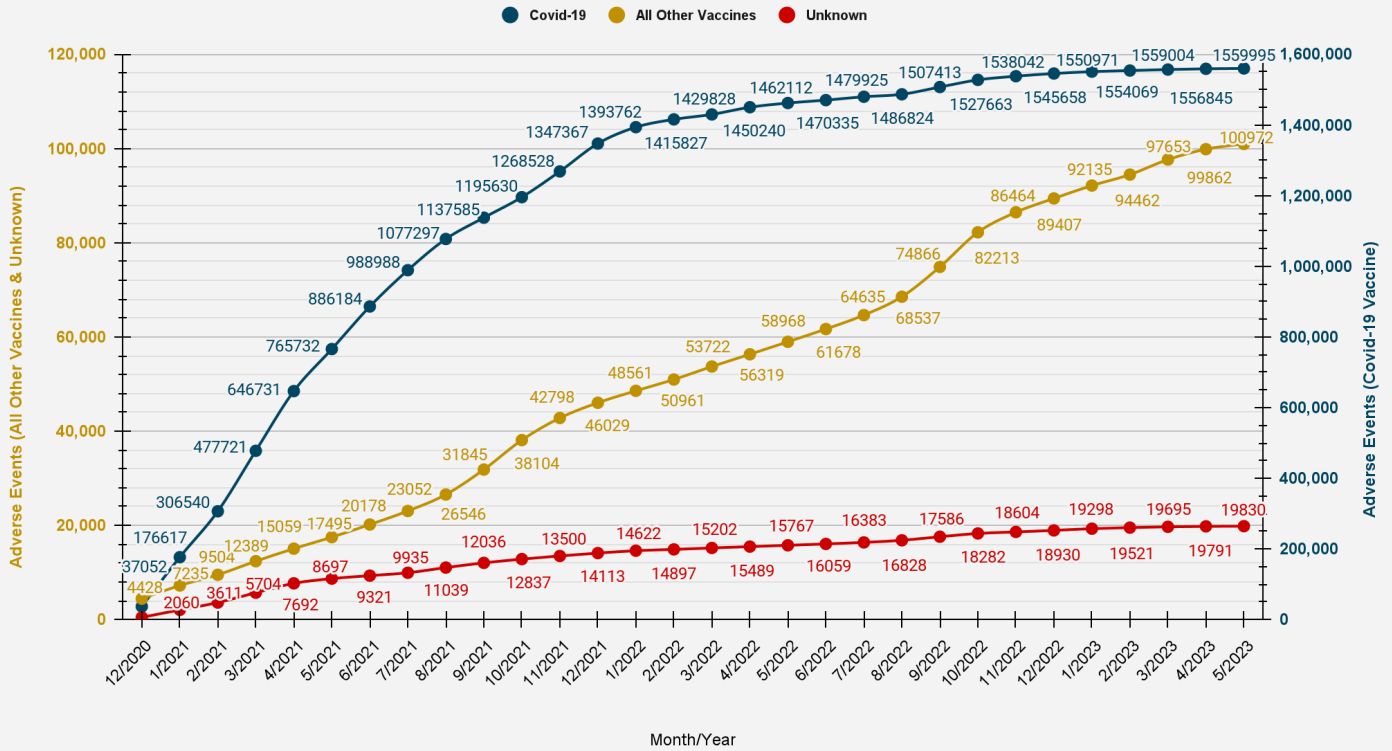


[Vaccines not included above (due to n < 20 overall deaths): Adenovirus, Cholera, Dengue Fever, Encephalitis, Ebola, Lyme, Mumps, Pertussis, Plague, Rubella, Smallpox]

# Adverse Events

## Cumulative Reported AEs After Vaccination - 2 Year Summary

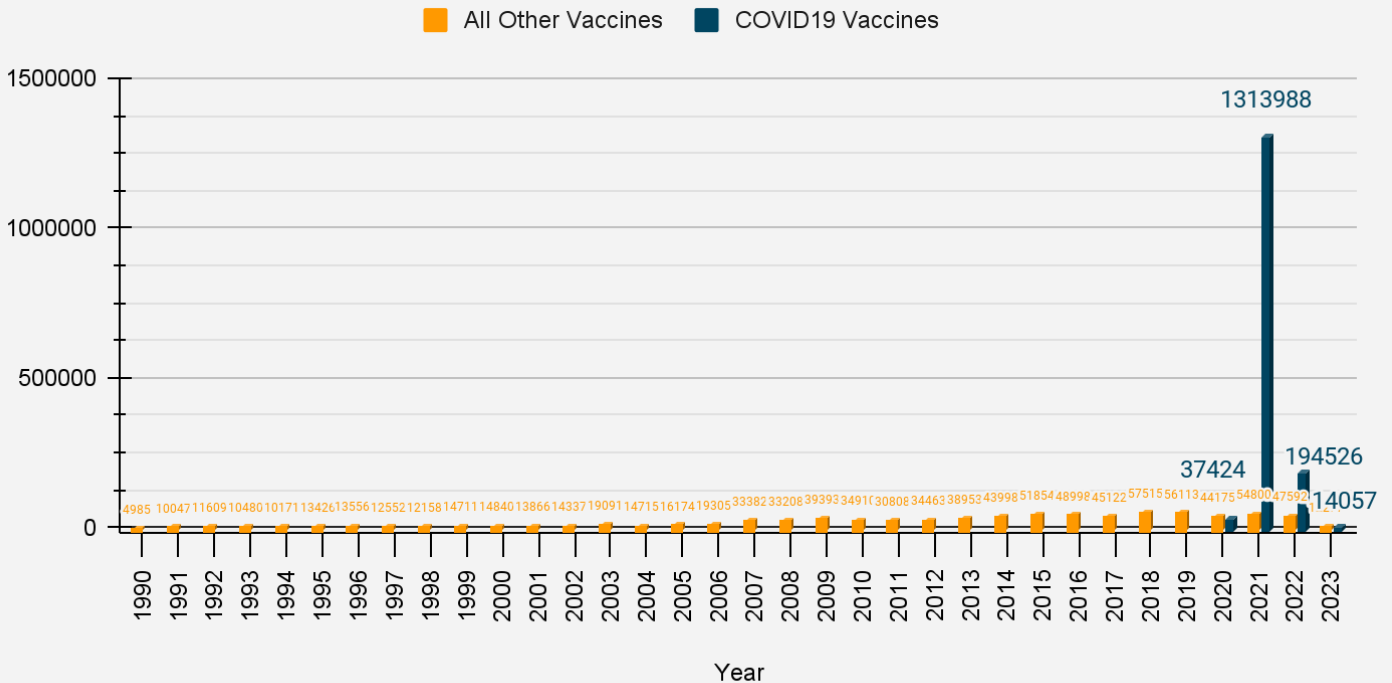
Data obtained from CDC's VAERS



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

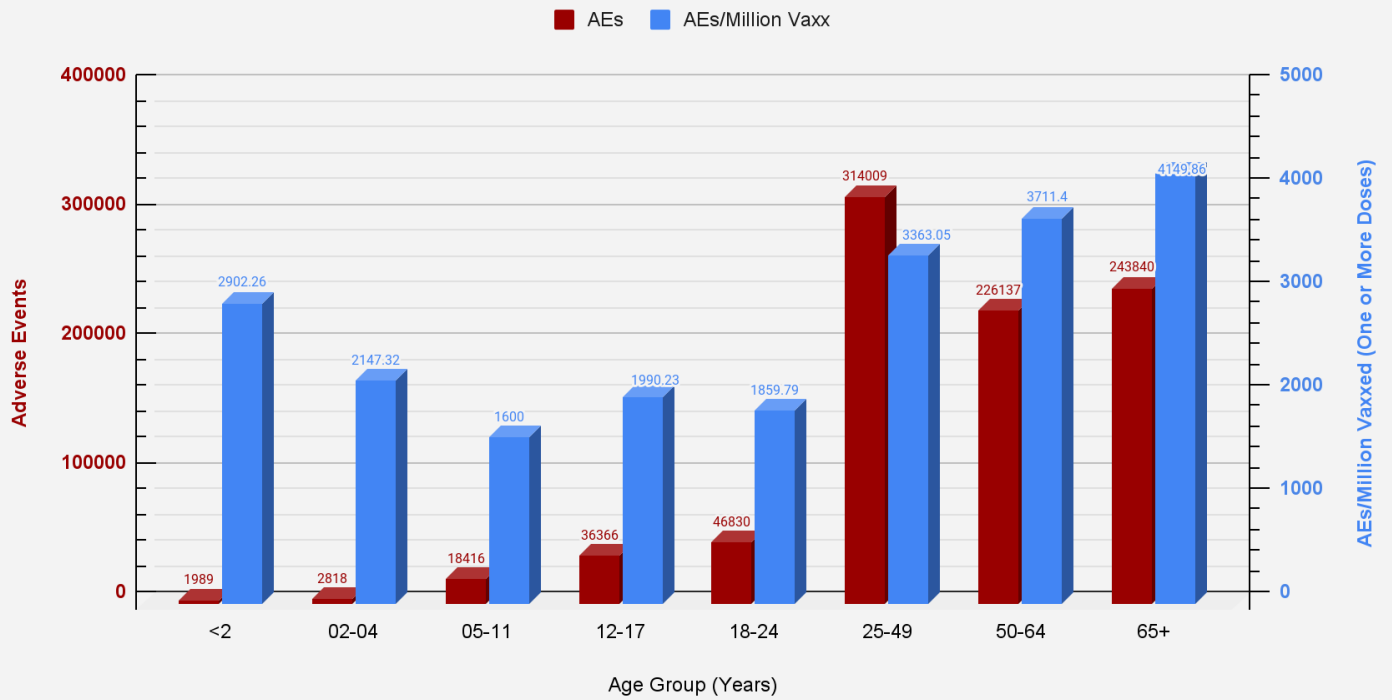
## Reported Adverse Events by Year, COVID19 vs. All Other Vaccines

Data obtained from CDC's VAERS



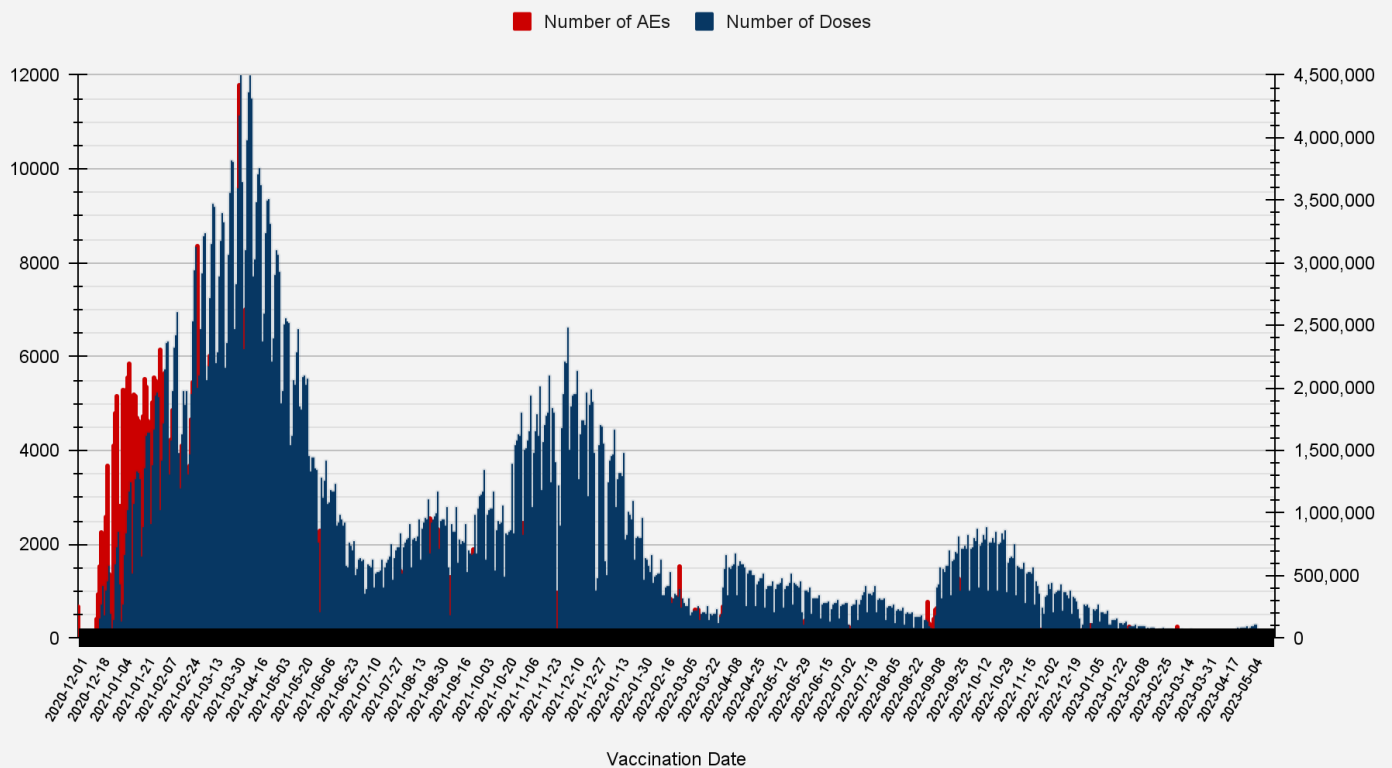
# Age Stratification of Adverse Events After COVID-19 Vaccination US Data Only

Data obtained from CDC's VAERS



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

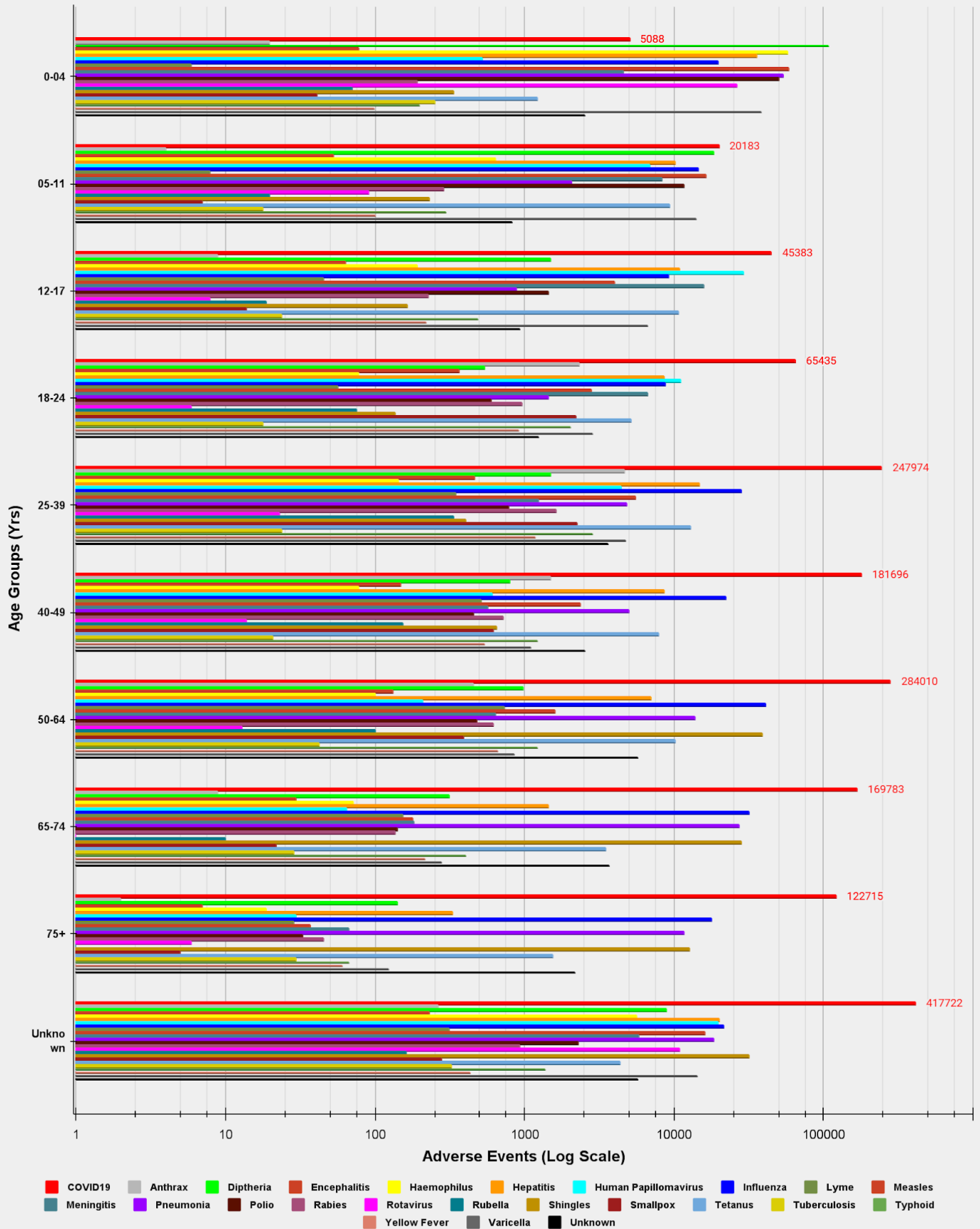
Data Obtained from CDC's VAERS





# 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\*\*\***

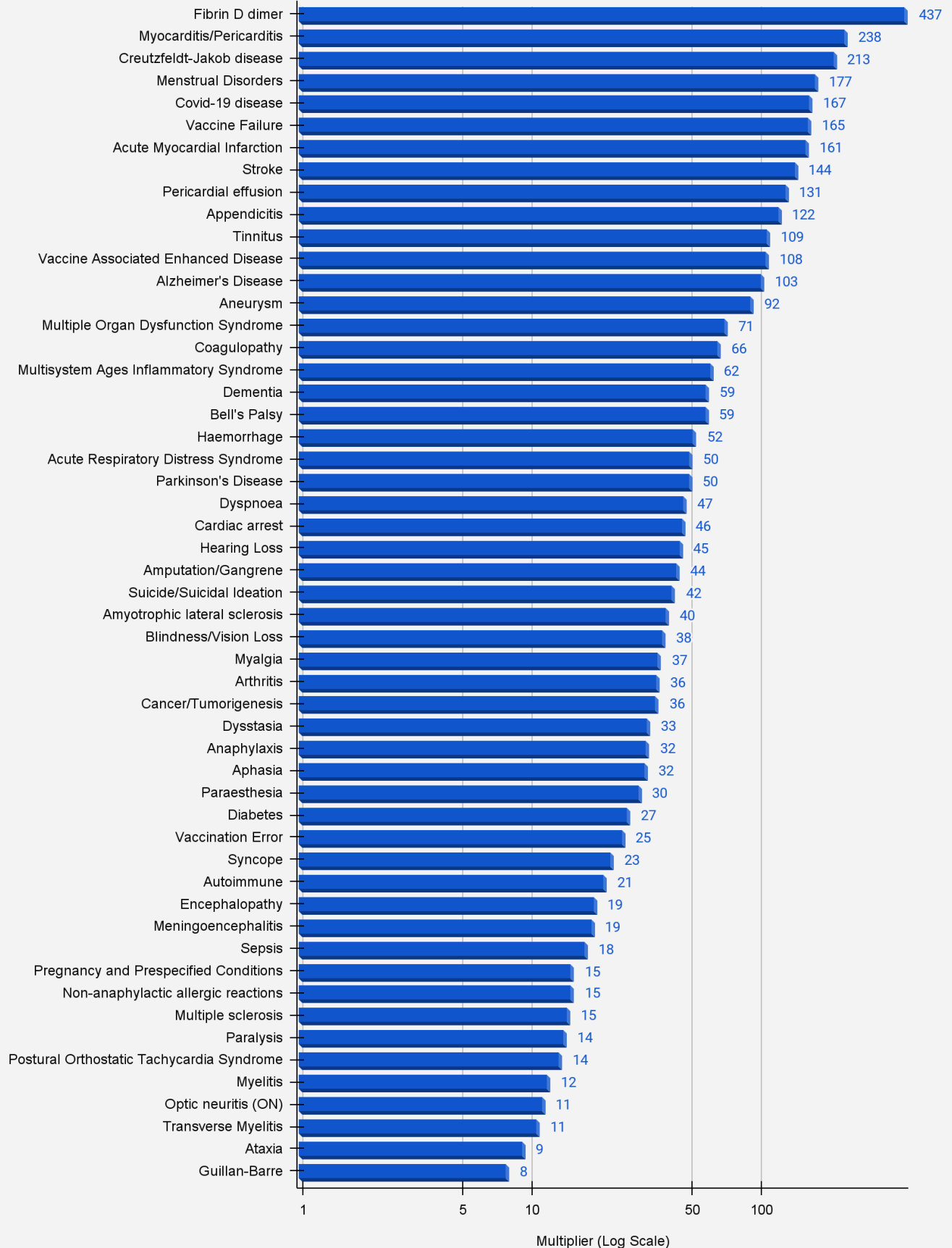
- Guillain-Barré syndrome
  - Acute disseminated encephalomyelitis
  - Transverse myelitis
  - Encephalitis/myelitis/encephalomyelitis/ meningoencephalitis/meningitis/ encephalopathy
  - Convulsions/seizures
  - Stroke
  - Narcolepsy and cataplexy
  - Anaphylaxis
  - Acute myocardial infarction
  - Myocarditis/pericarditis
  - 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	3277	74	4716	150
Acute Disseminated Encephalomyelitis	266	7	464	30
Transverse Myelitis	701	8	865	16
Encephalitis	3399	479	5013	492
Convulsions/Seizures	16433	547	30305	543
Stroke	12006	1002	1645	97
Narcolepsy, Cataplexy	305	6	372	3
Anaphylaxis	51937	183	42577	174
Acute Myocardial Infarction (Heart Attack)	6480	1745	387	168
Myocarditis/Pericarditis	25396	440	1051	95
Autoimmune Disease	2944	40	1227	18
Other Acute Demyelinating Diseases	484	8	887	25
Pregnancy and birth outcomes (Miscarriages)	5070	159	2944	53
Other Allergic Reactions	2809	5	2196	3
Thrombocytopenia	5205	457	3474	130
Disseminated Intravascular Coagulation	320	106	62	29
Venous Thromboembolism	28778	1735	796	123
Arthritis and Arthralgia/Joint Pain	91827	321	30424	80
Kawasaki Disease	105	2	759	8
Systemic Inflammatory Response Syndrome	1128	71	389	10

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

(Data from VAERS through 5/19/22)



## 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	173,638,666 <sup>2</sup>	1 in 26,763	16,488 in 26,747	0.003736%	37.36
<b>Risk of dying from COVID vaccine is 190 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	9,743	1 in 17,186	0.005819%	58.19
COVID19	173,638,666	585,259	1 in 297	0.337056%	3,370.56
<b>Risk of adverse reaction from COVID vaccine is 58 times greater than Flu Vaccine</b>					

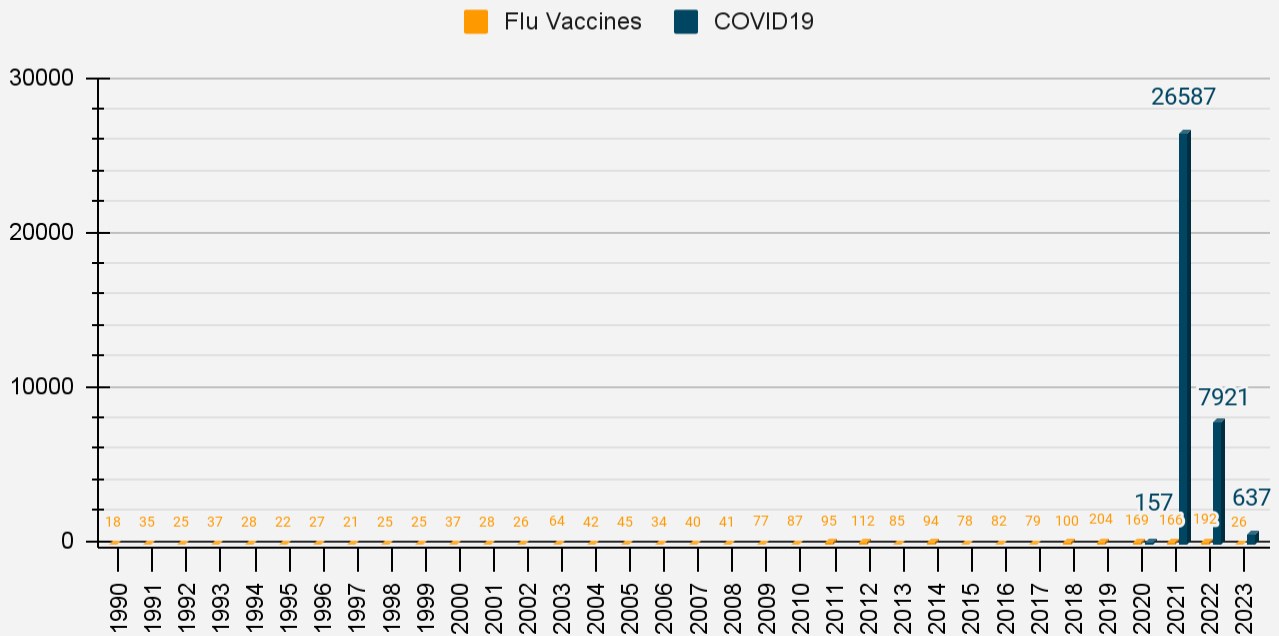
[1] number of flu vaccinations based on estimated flu vaccine coverage data from [CDC](#) and estimated population data from [US Census](#). Yearly flu vaccination data covers a period of time from 7/1 to 5/31 of the following year.

[2] number of covid19 vaccinations based on estimates from [CDC's Vaccination Trends in the US](#)

[3] Persons vaccinated with at least one dose.

# Reported Deaths by Year, COVID19 vs. Flu Vaccines

Data Obtained from CDC's VAERS



## Vaccine Data by Manufacturer

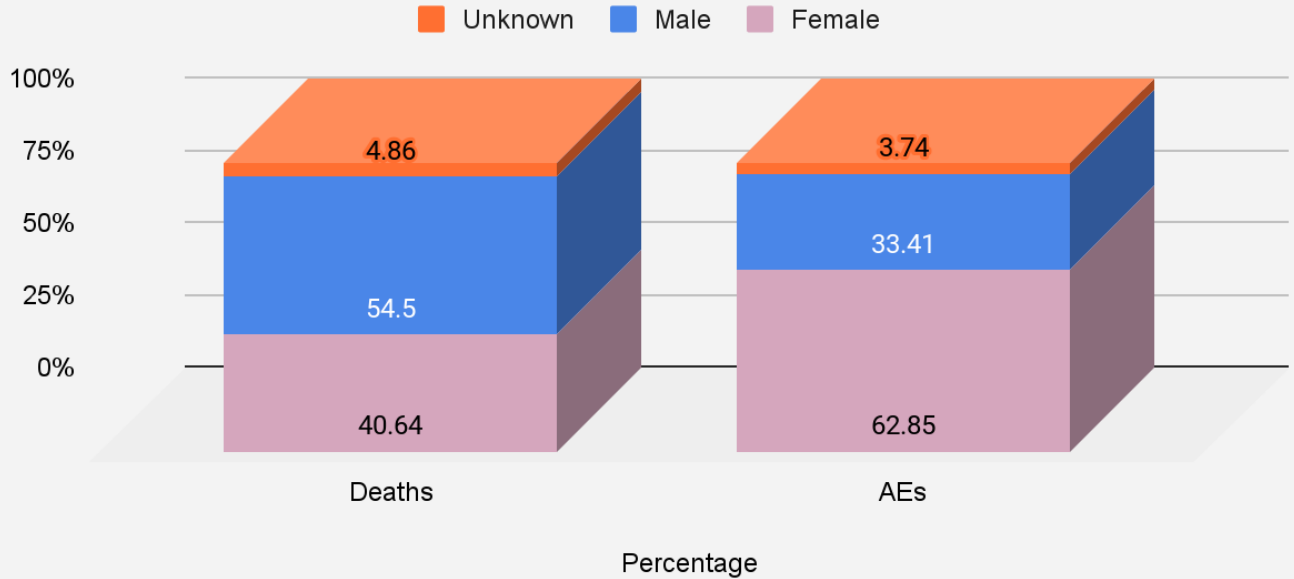
Manufacturer	# of Deaths	% Deaths	Average Deaths/Day	# US Deaths	# US Doses Administered	Average US Deaths/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	2882	8.12	3.55	1890	19007537	99.43	812	2962
Moderna	10006	28.19	11.34	7582	232147784	32.66	882	9746
Pfizer/Biontech	22099	62.26	24.86	7770	366979906	21.17	889	21694
Unknown	244	0.69		64	890835			233
Pfizer-Bivalent	174	0.49	0.67	165	36730941	4.49	260	131
Moderna-Bivalent	101	0.28	0.39	97	20781667	4.67	260	80

Manufacturer	# of AEs	% AEs	Average AEs/Day	# US AEs	S s Adni	Average US AEs/Mill. Doses	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	97798	6.22	120.44	72468	19007537	3812.59	812	2/26/2021
Moderna	516183	32.81	585.24	425233	232147784	1831.73	882	12/18/2020
Pfizer/Biontech	915228	58.17	1029.5	433129	366979906	1180.25	889	7/13/2022
Unknown	11968	0.76		6054	890835			
Novavax	304	0.02	0.98	282	89195	3161.61	310	12/11/2020
Pfizer-Bivalent	19134	1.22	73.59	18946	36730941	515.8	260	9/1/2022
Moderna-Bivalent	13104	0.83	50.4	12992	20781667	625.17	260	9/1/2022

## Vaccine Data by Gender

# Gender Distribution of Reported Deaths and AEs after COVID19 Vaccination

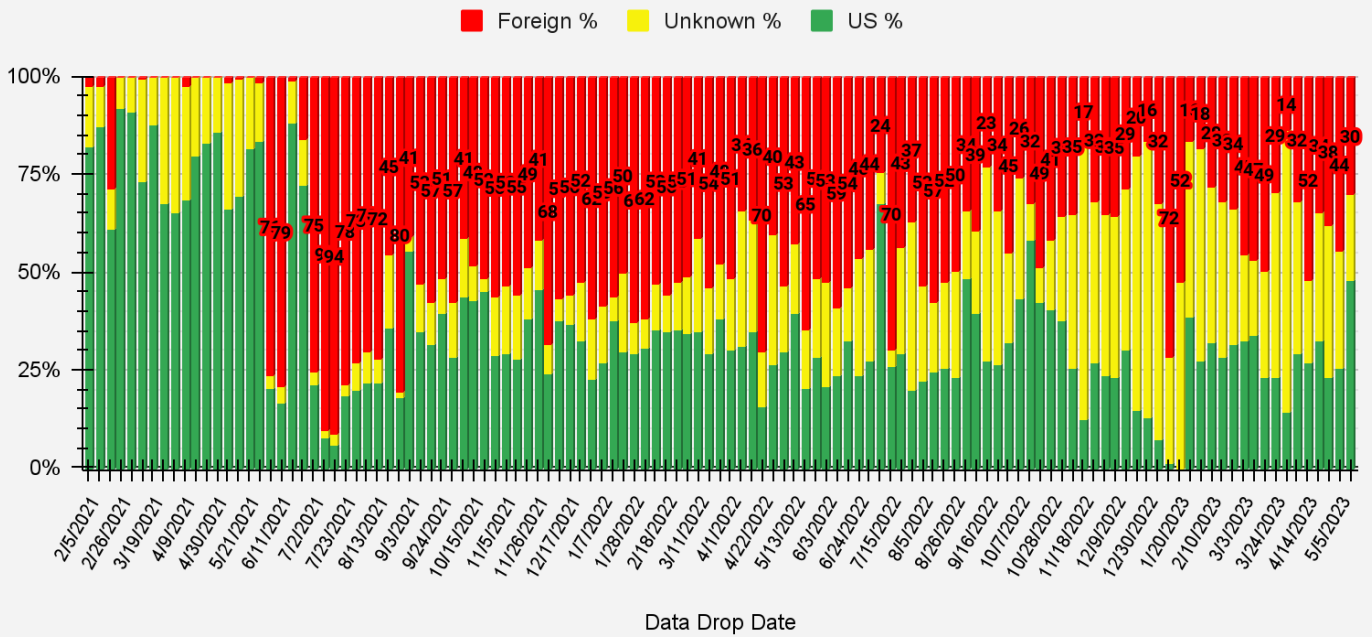
All Data Obtained from CDC's VAERS



## Vaccine Data by Location

# Distribution by Location of Reported Deaths after COVID19 Vaccination

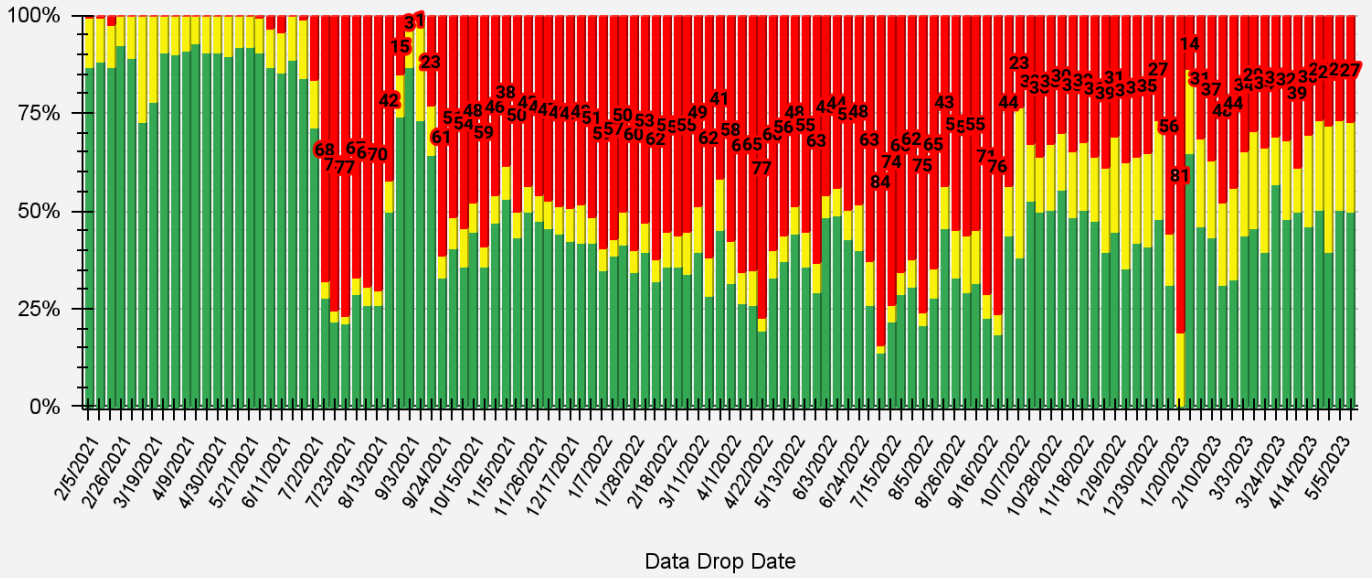
All Data Obtained from CDC's VAERS



# Distribution by Location of Reported Adverse Events after COVID19 Vaccination

All Data Obtained from CDC's VAERS

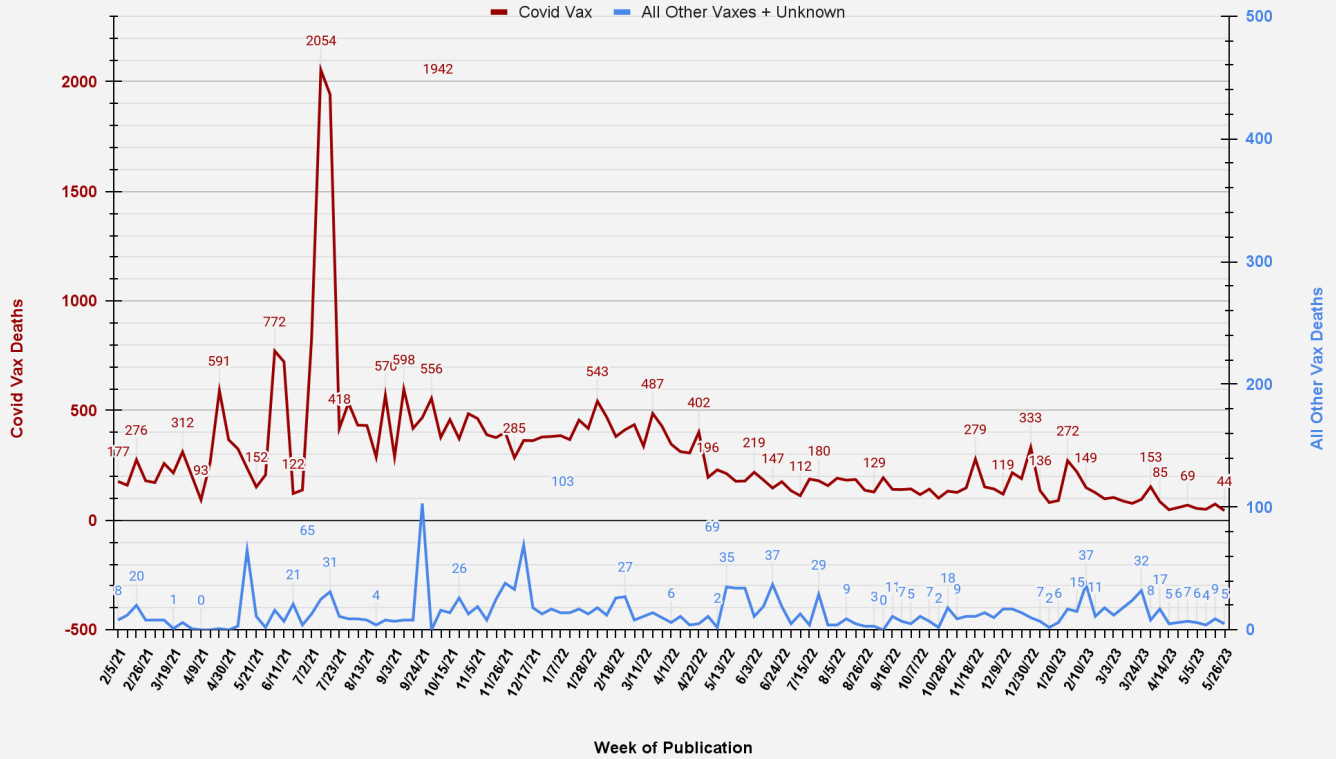
Foreign %    Unknown %    US %



**VAERS Weekly Publication History**

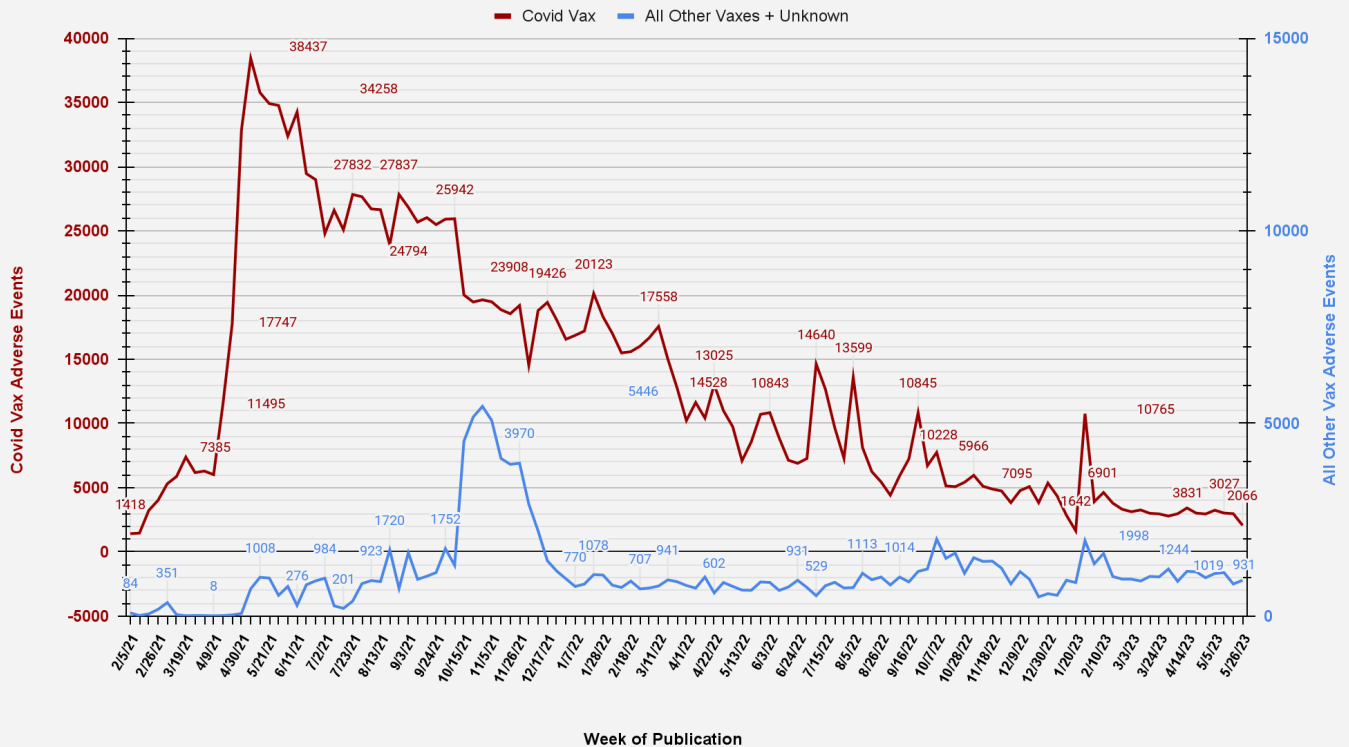
## New VAERS Deaths Published by Week

All Data Obtained from CDC's VAERS



## New VAERS Adverse Events Published by Week

All Data Obtained from CDC's VAERS

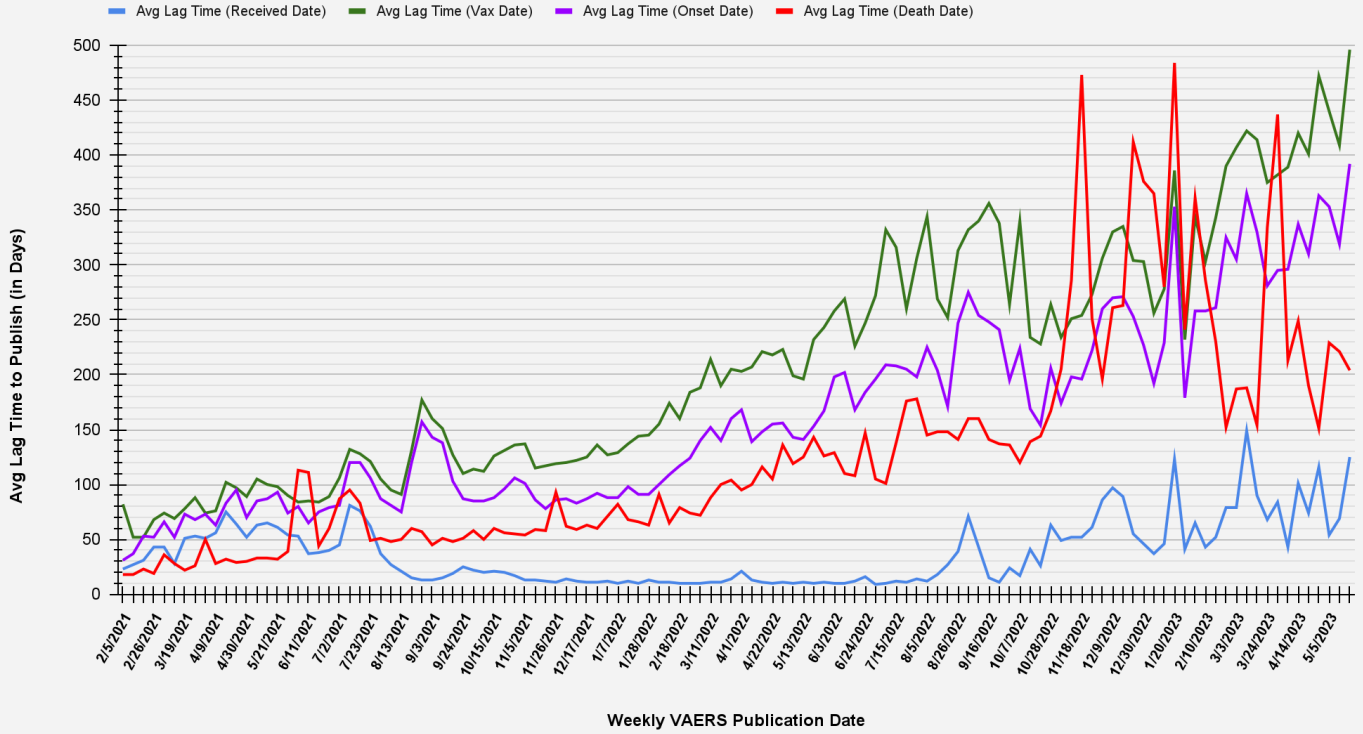




# Lag Time to Publish History

## Average Lag Time to Publish in VAERS

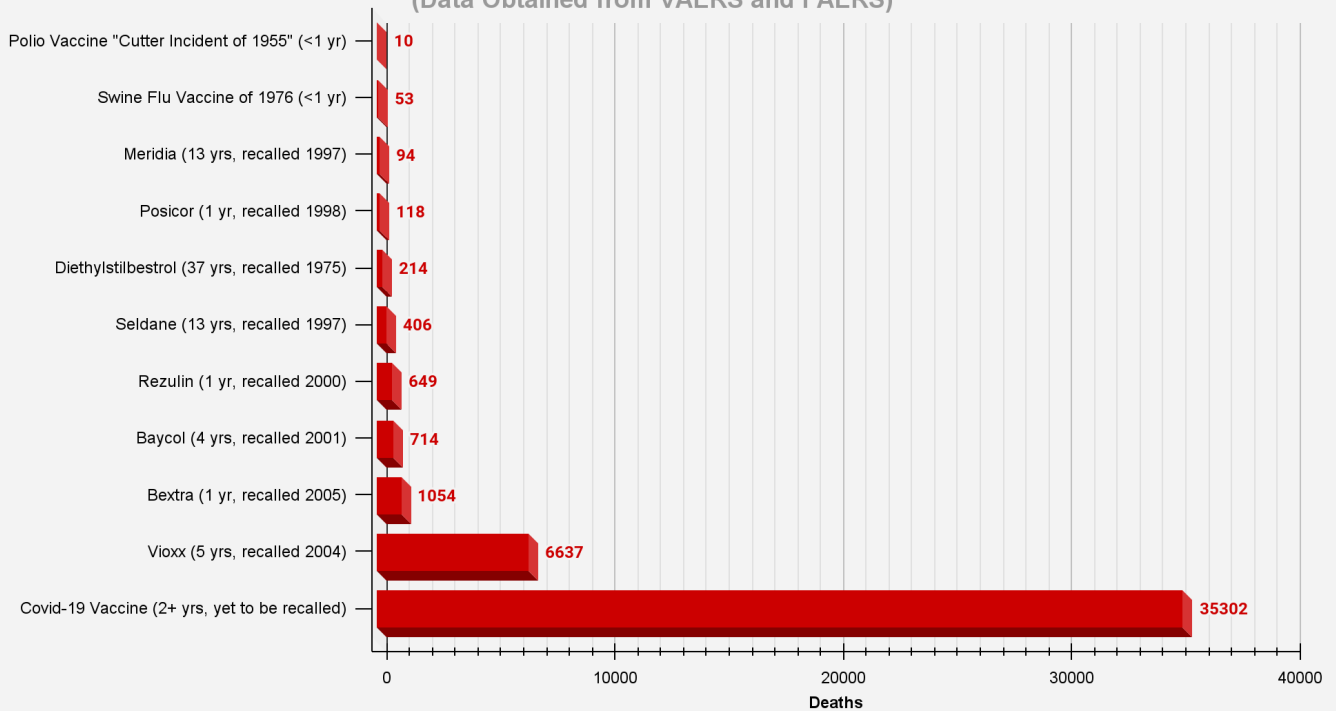
(Avg difference between date of publication and these dates: Received Date, Vax Date, Onset Date, Death Date)



# Recall History

## Reported Deaths for Major Drug/Vaccine Recalls

(Data Obtained from VAERS and FAERS)

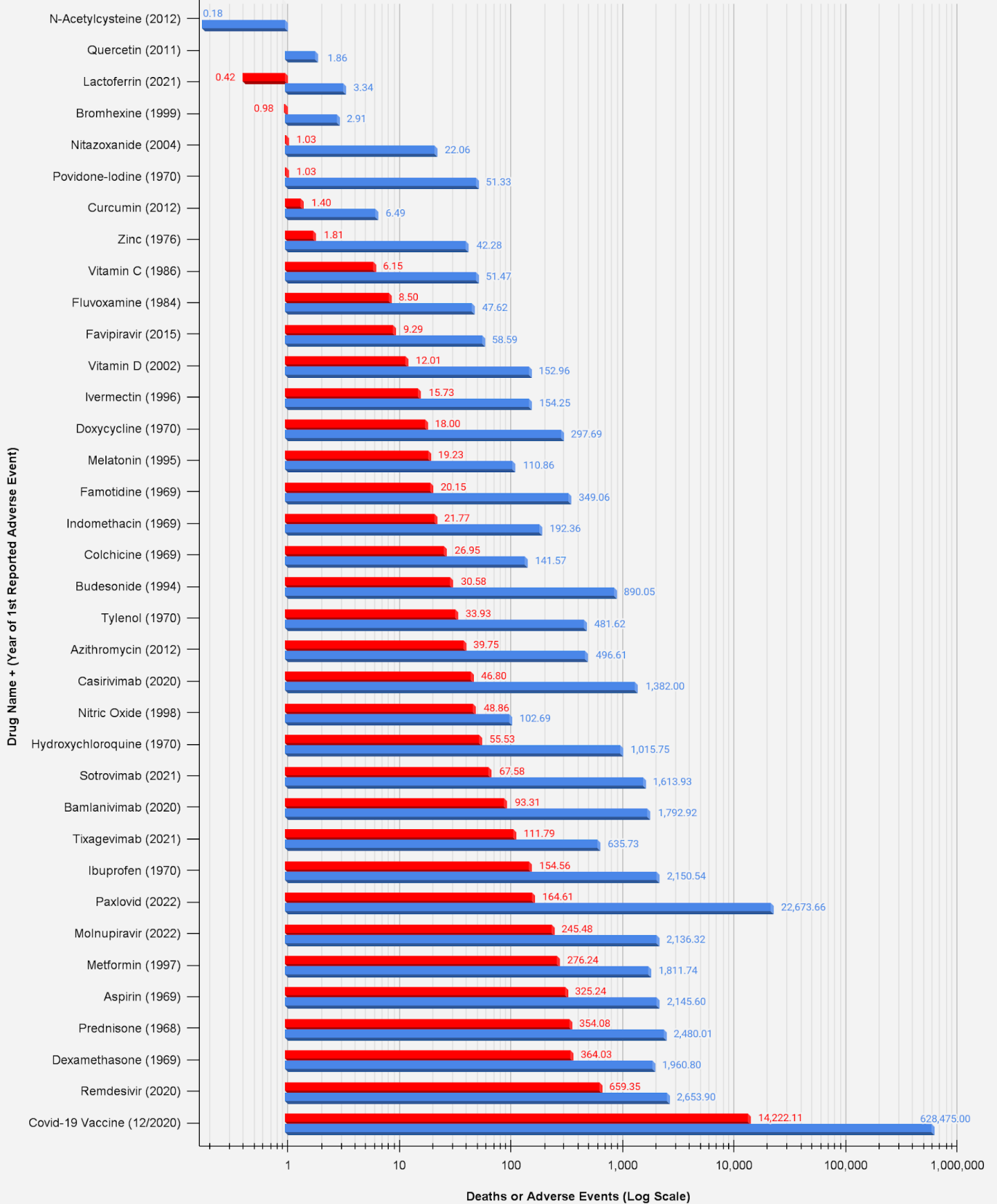


# Alternative Covid-19 Therapeutics

## 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>