

# VAERS Summary for COVID-19 Vaccines through 10/25/2024

All charts and tables below reflect the data release on 11/1/2024 from the VAERS website, which includes U.S. and foreign data, and is updated through: **10/25/2024**.

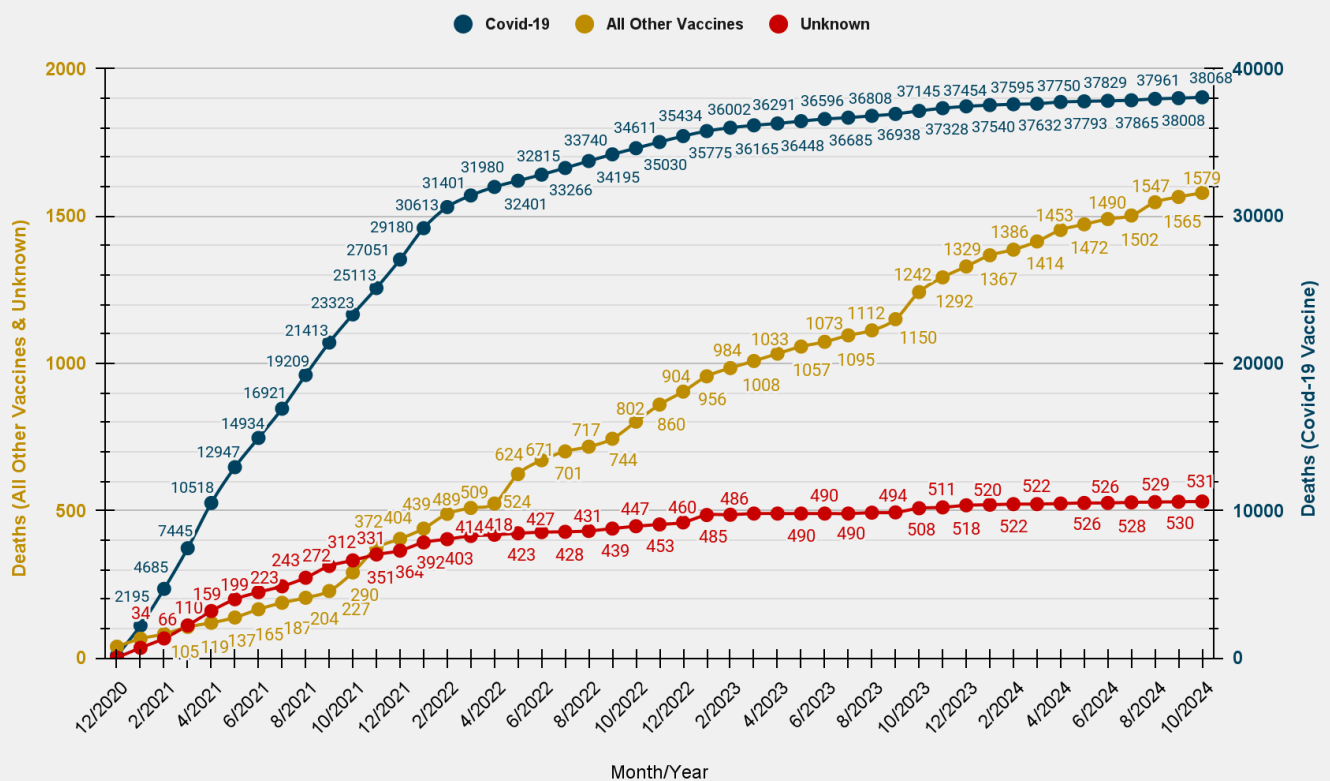
High-Level Summary	COVID19 vaccines (Dec'2020 - present)	All other vaccines 1990-present	US Data Only COVID19 vaccines (Dec'2020 - present)	US Data Only All other vaccines 1990-present
Number of Adverse Reactions	1,652,232	1,006,936	1,018,655	864,210
Number of Life-Threatening Events	40,500	16,078	15,329	10,708
Number of Hospitalizations	218,646	94,379	90,516	42,225
Number of Deaths	38,068*	10,996*	19,104	5,792
# of Permanent Disabilities after vaccination	72,161	23,459	18,506	14,359
Number of Office Visits	245,447	70,270	200,470	66,574
# of Emergency Room/Department Visits	155,663	221,770	119,465	211,090
# of Birth Defects after vaccination	1,386	265	622	139

\*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 - 3 Year Summary

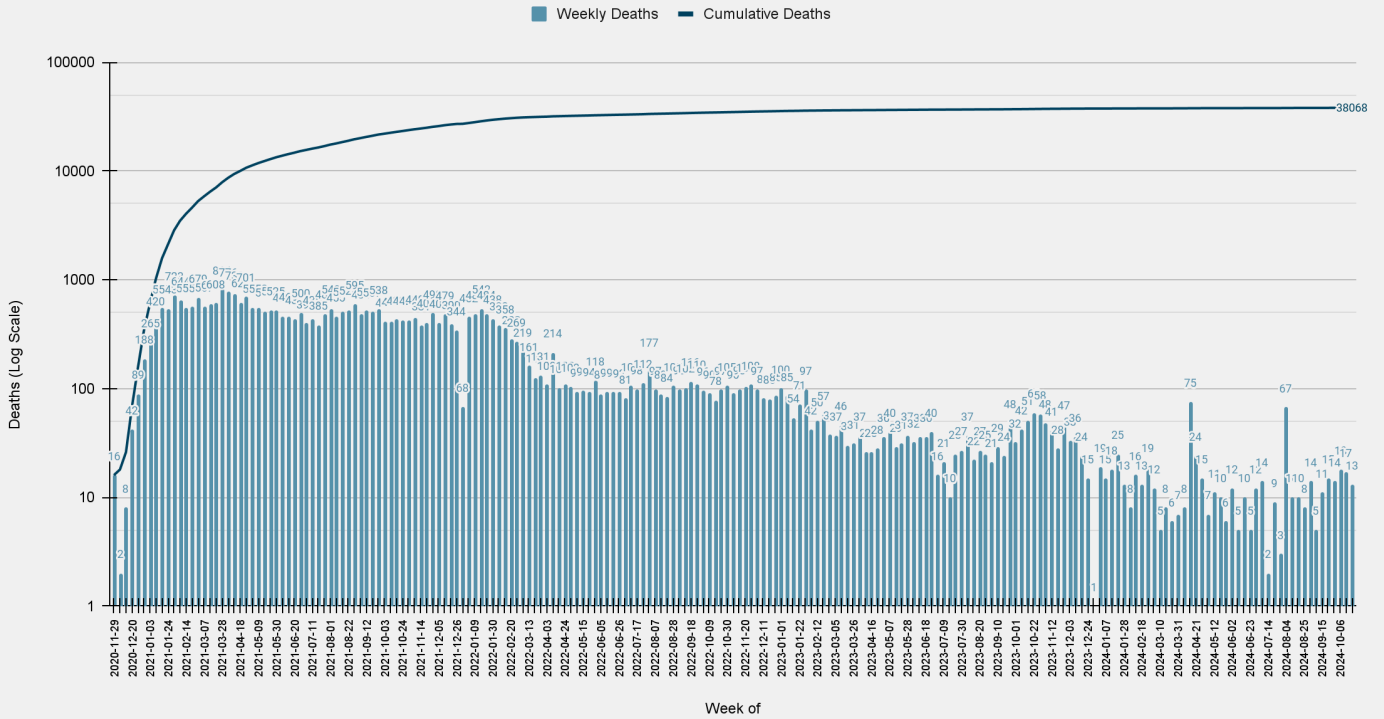
Data obtained from CDC's VAERS



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

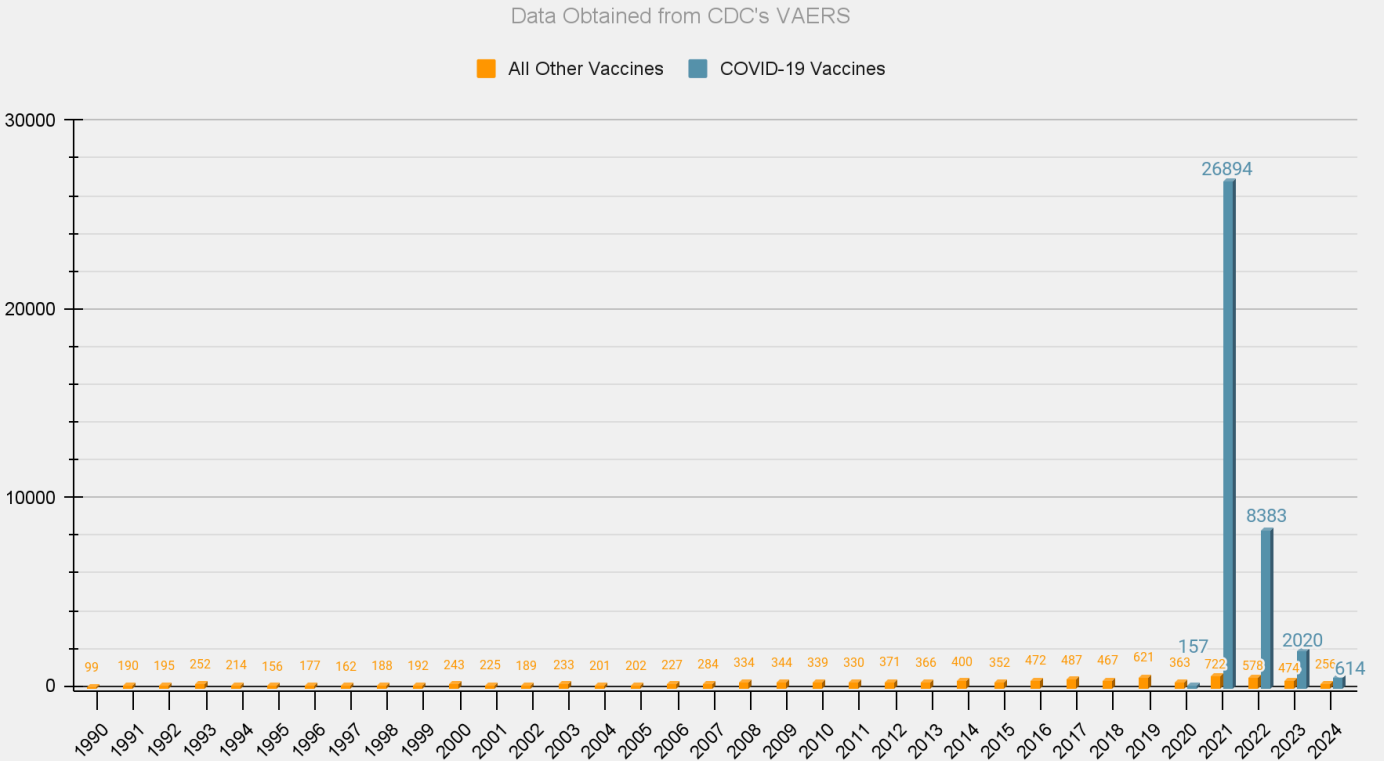
## Reported Deaths by Week, COVID19 Vaccines

Data Obtained from CDC's VAERS



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

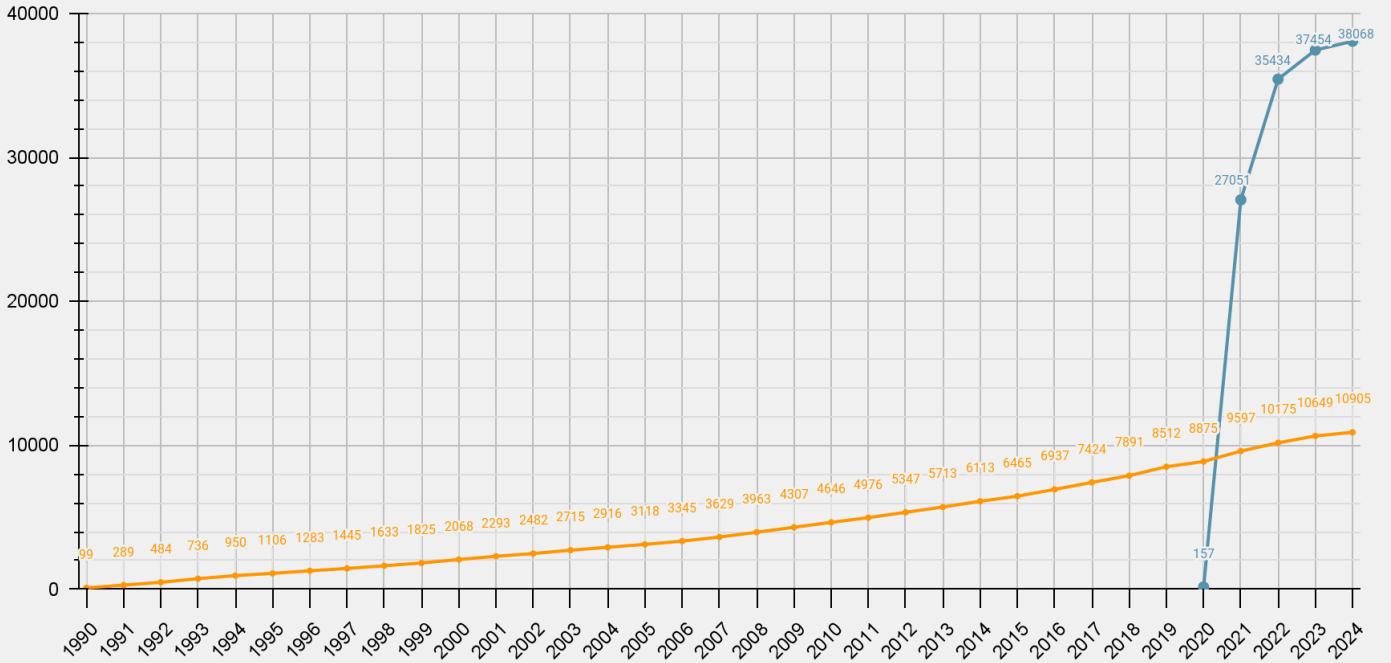
Data Obtained from CDC's VAERS



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

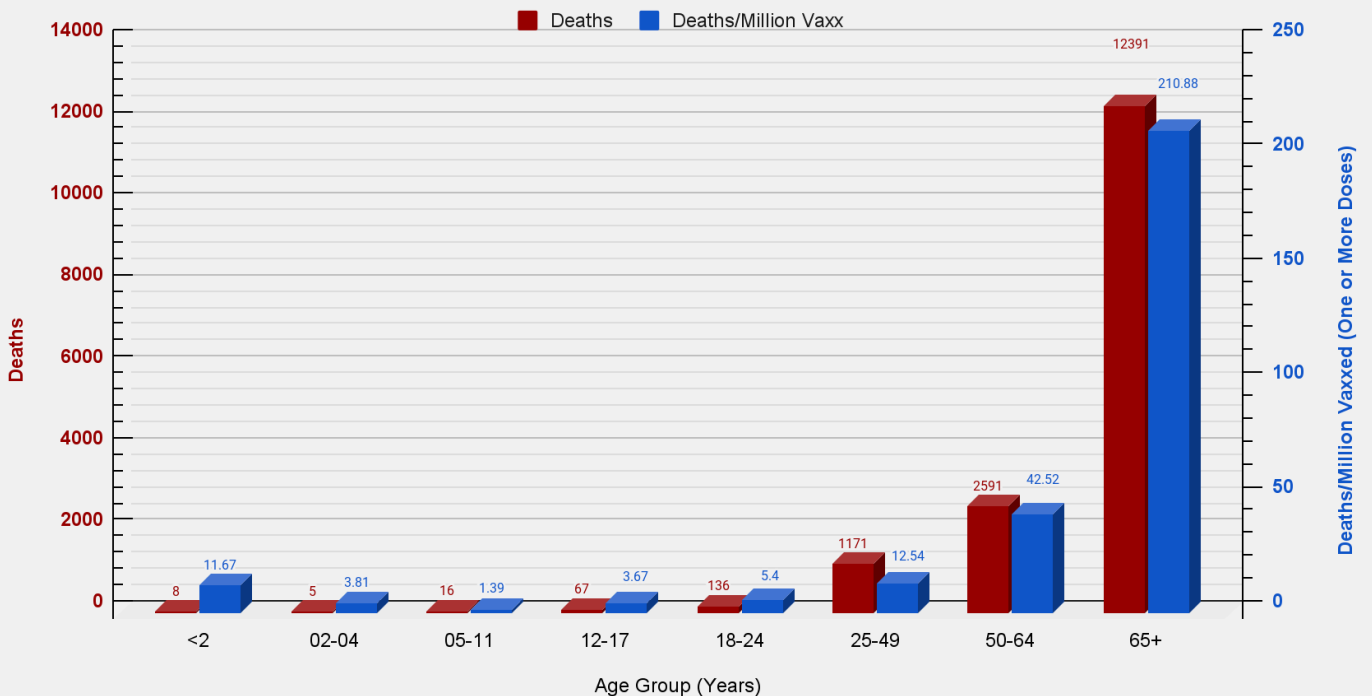
Data Obtained from CDC's VAERS

● COVID19 Vaccines cumulative ● All Other Vaccines cumulative



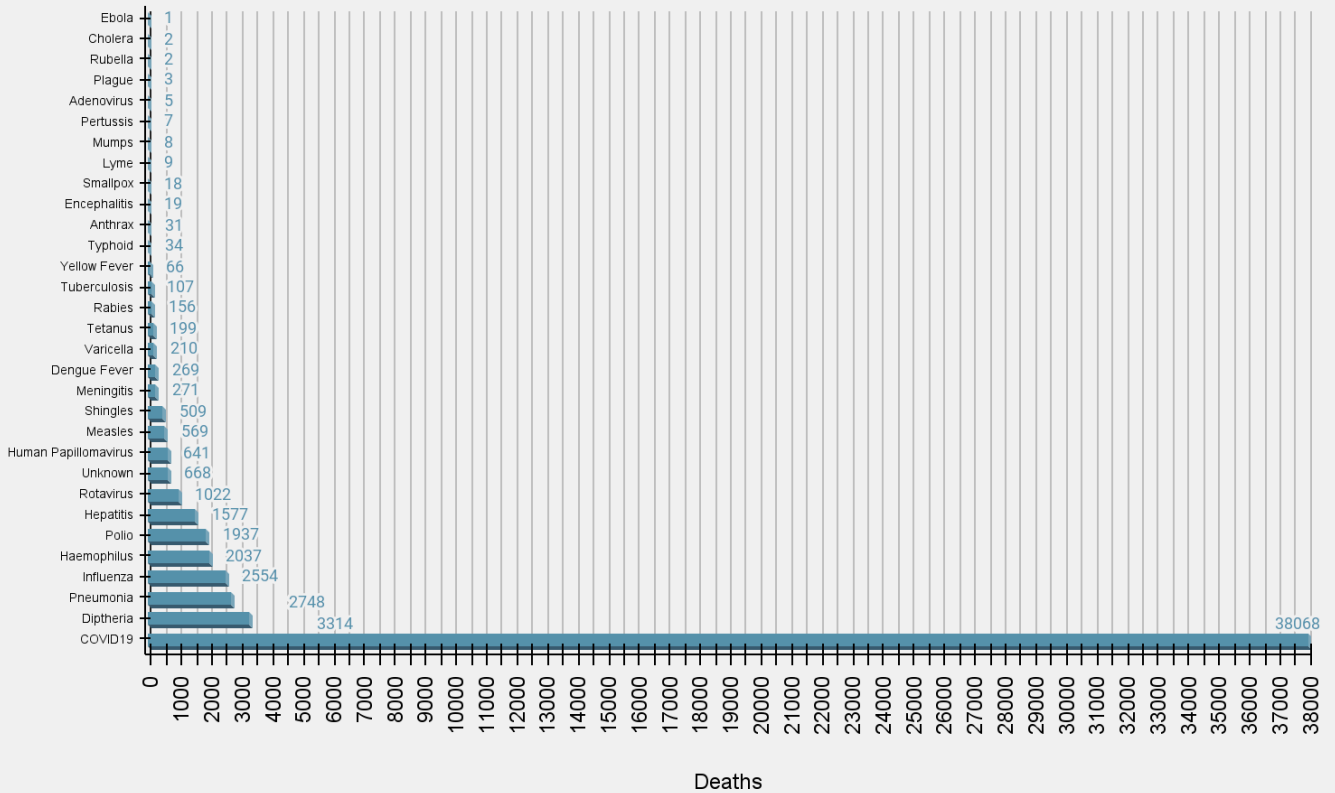
# Age Stratification of Deaths After COVID-19 Vaccination US Data Only (12/1/2020-5/12/2023)

Data Obtained from CDC's VAERS



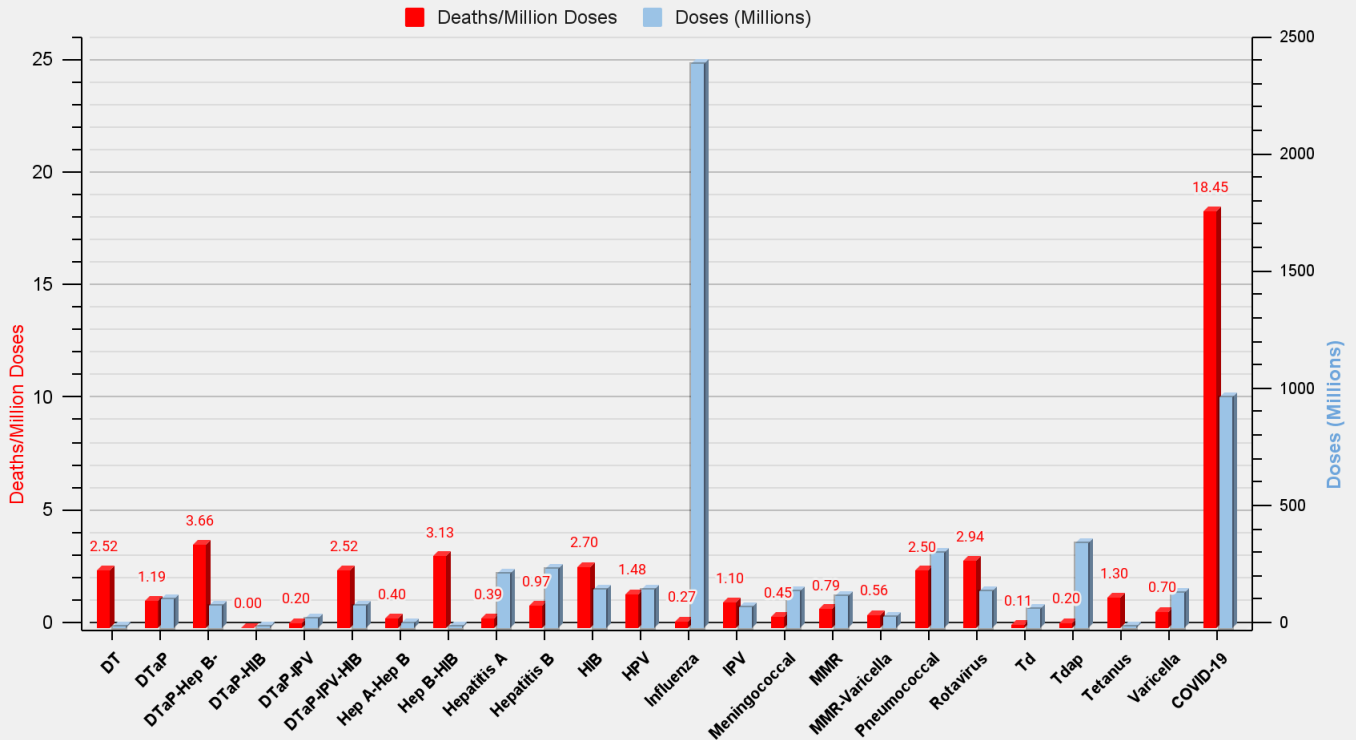
# Reported Deaths By Vaccine Type, 1990-Present

Data Obtained from CDC's VAERS



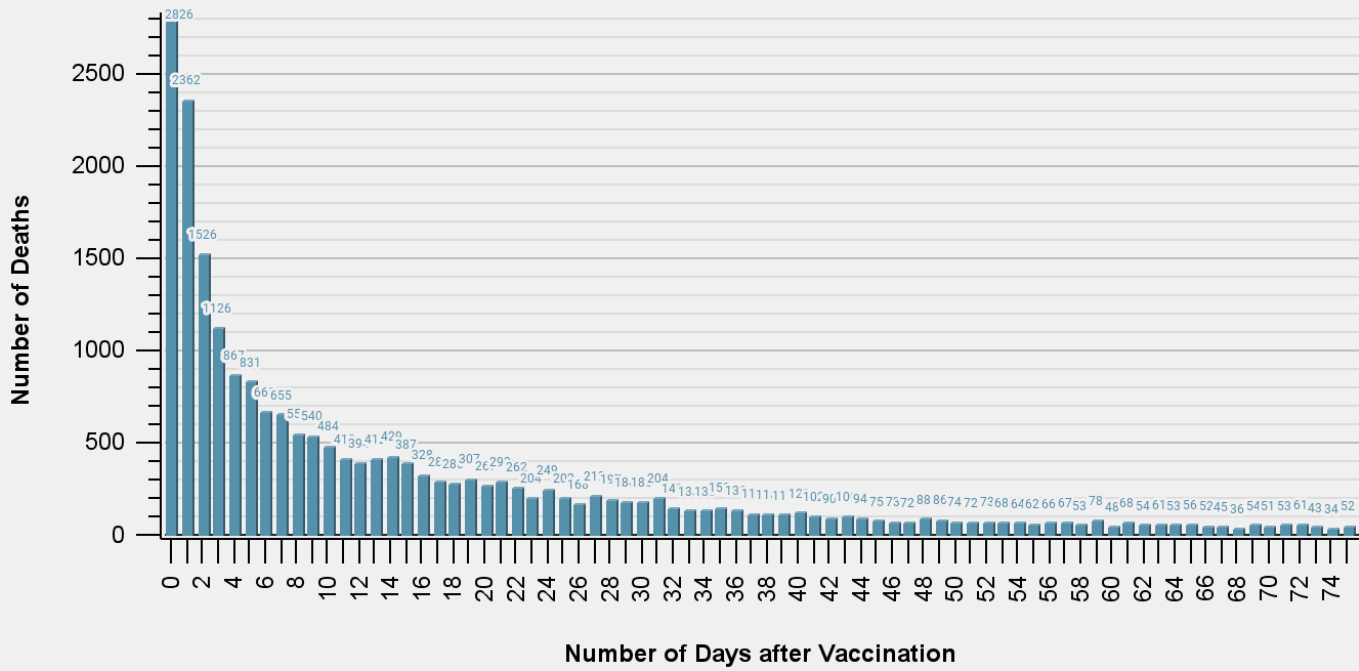
# Deaths Per Million Doses (US Only) Traditional Vaccines (1/1/2006 - 12/31/2021), Covid-19 Vaccines (12/1/2020-5/12/2023)

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



# Number of Deaths by Days After COVID19 Vaccination

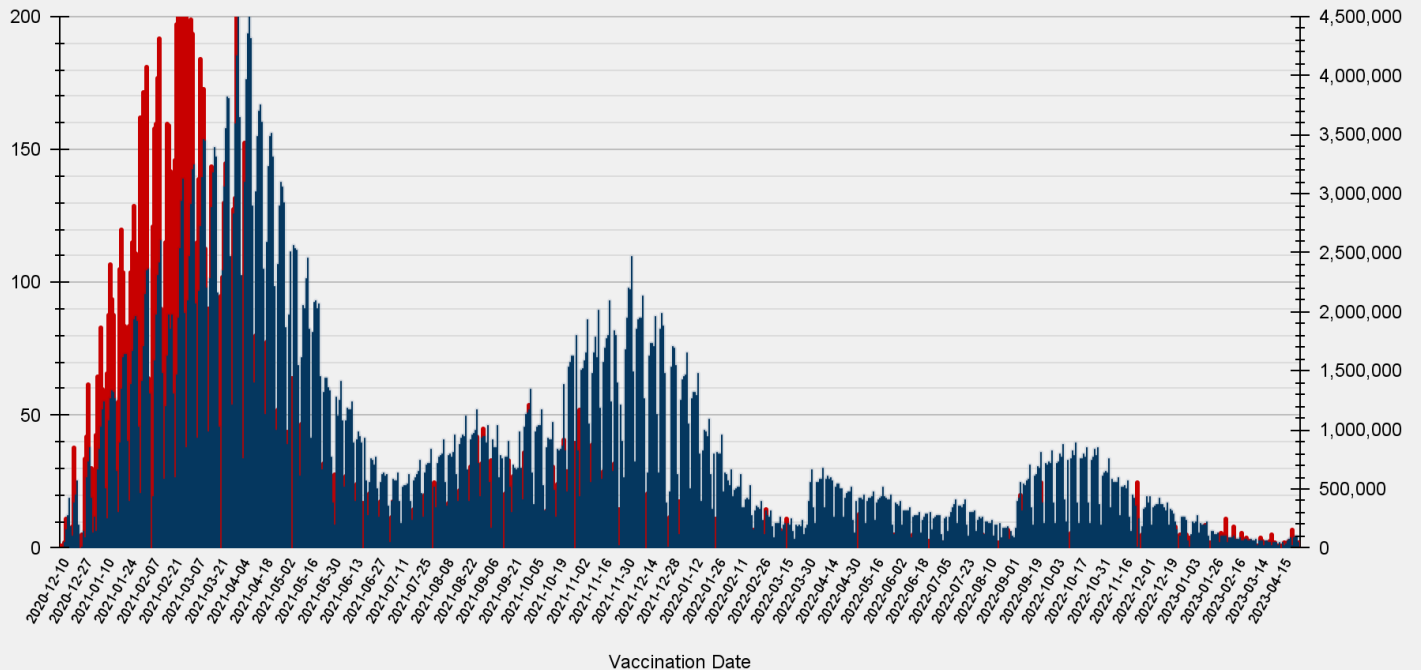
Data obtained from CDC's VAERS



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

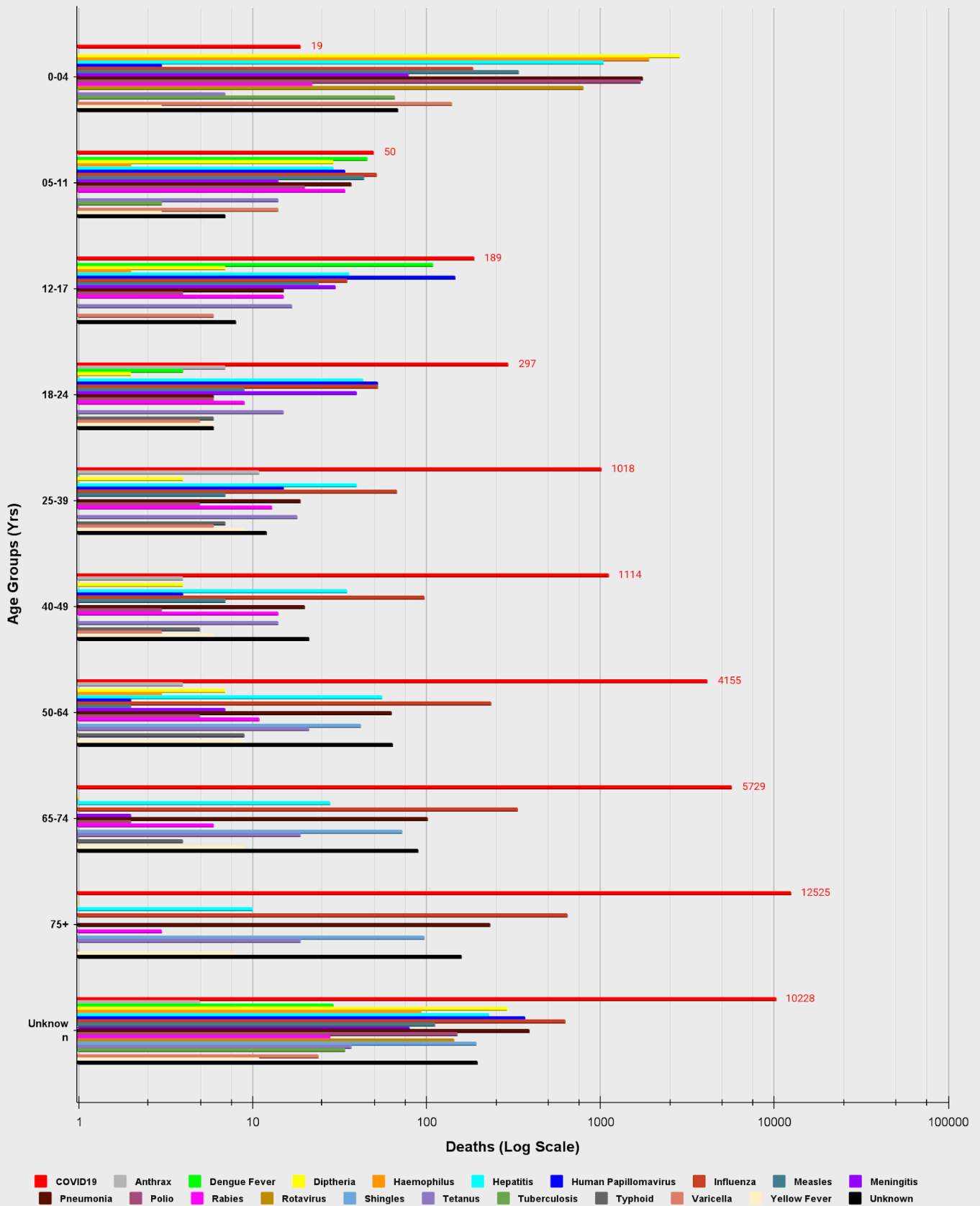
Data Obtained from CDC's VAERS & CDC

■ Number of Deaths ■ Number of Doses



# Age Stratification of Deaths By Vaccine Type (US+Foreign) (1/1/1990-5/12/2023)

Data Obtained from CDC's VAERS

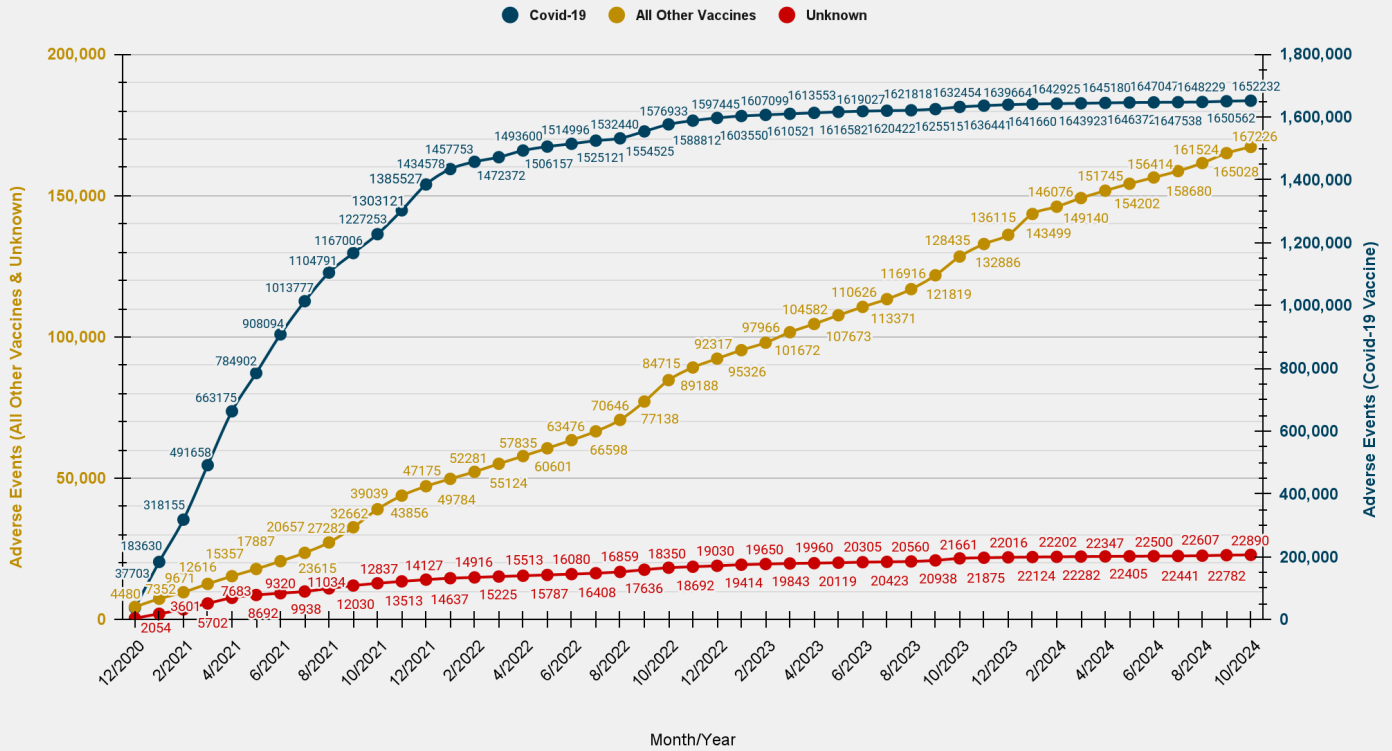


[Vaccines not included above (due to n < 20 overall deaths): Adenovirus, Cholera, Dengue Fever, Encephalitis, Ebola, Lyme, Mumps, Pertussis, Plague, Rubella, Smallpox]

# Adverse Events

## Cumulative Reported AEs After Vaccination - 3 Year Summary

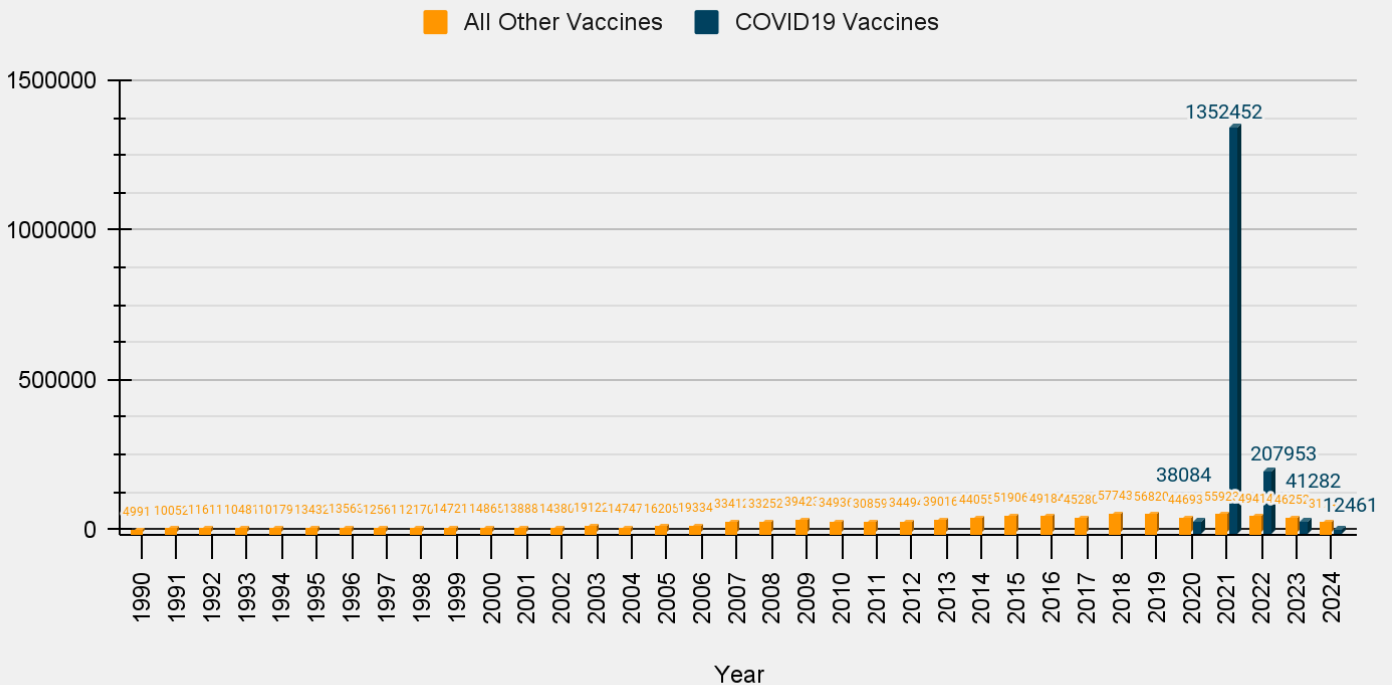
Data obtained from CDC's VAERS



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

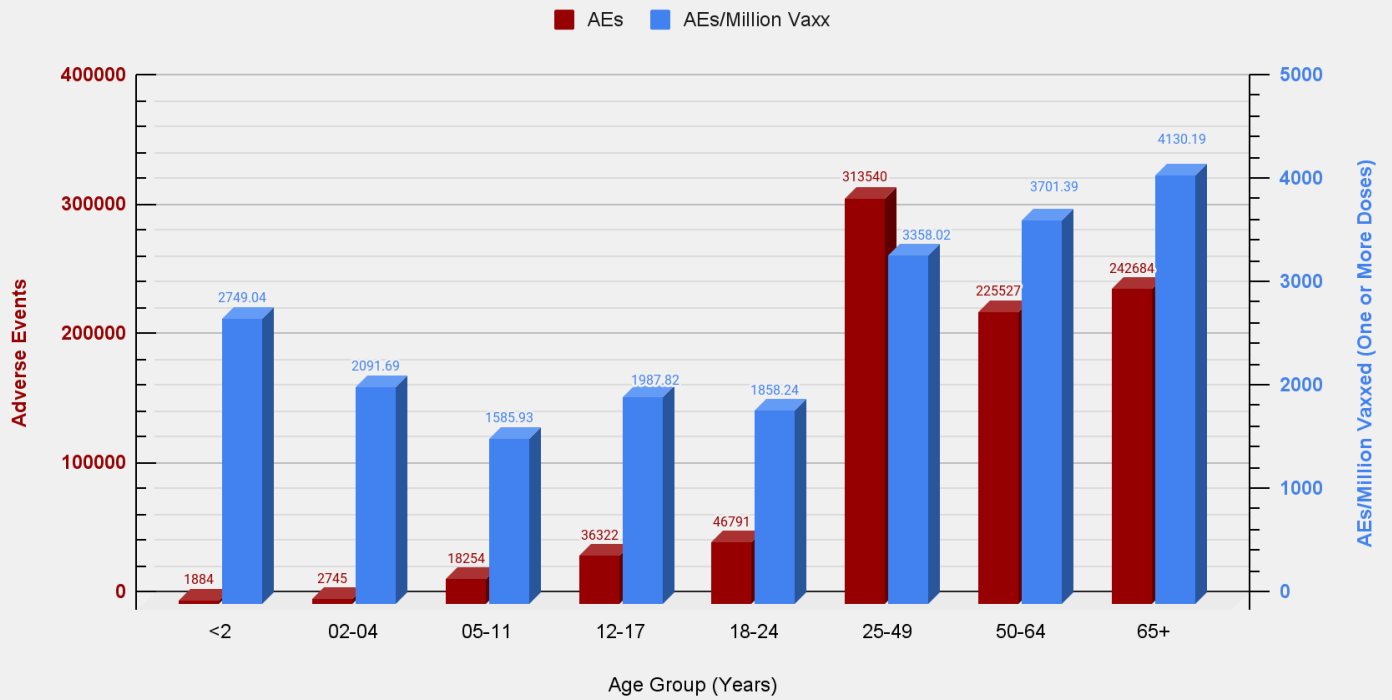
## Reported Adverse Events by Year, COVID19 vs. All Other Vaccines

Data obtained from CDC's VAERS



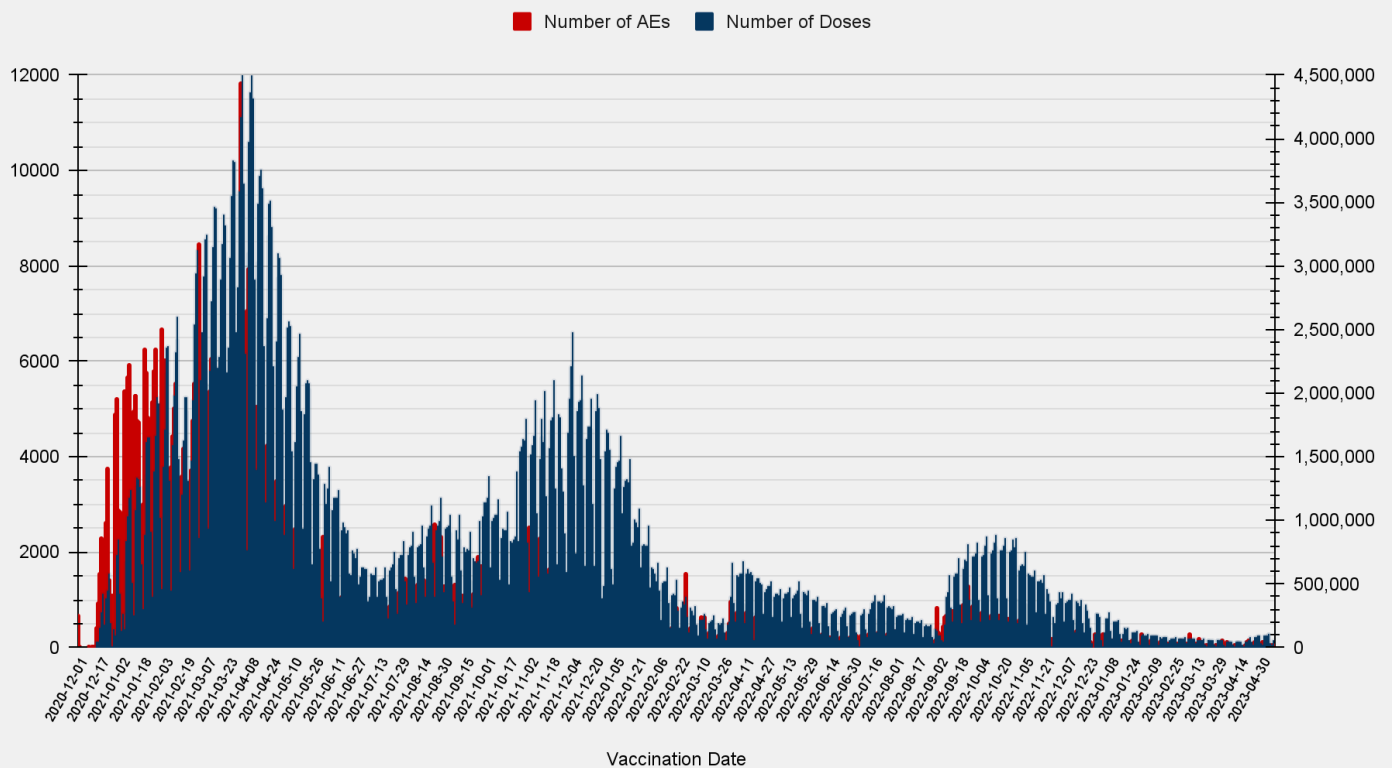
# Age Stratification of Adverse Events After COVID-19 Vaccination US Data Only (12/1/2020-5/12/2023)

Data obtained from CDC's VAERS



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

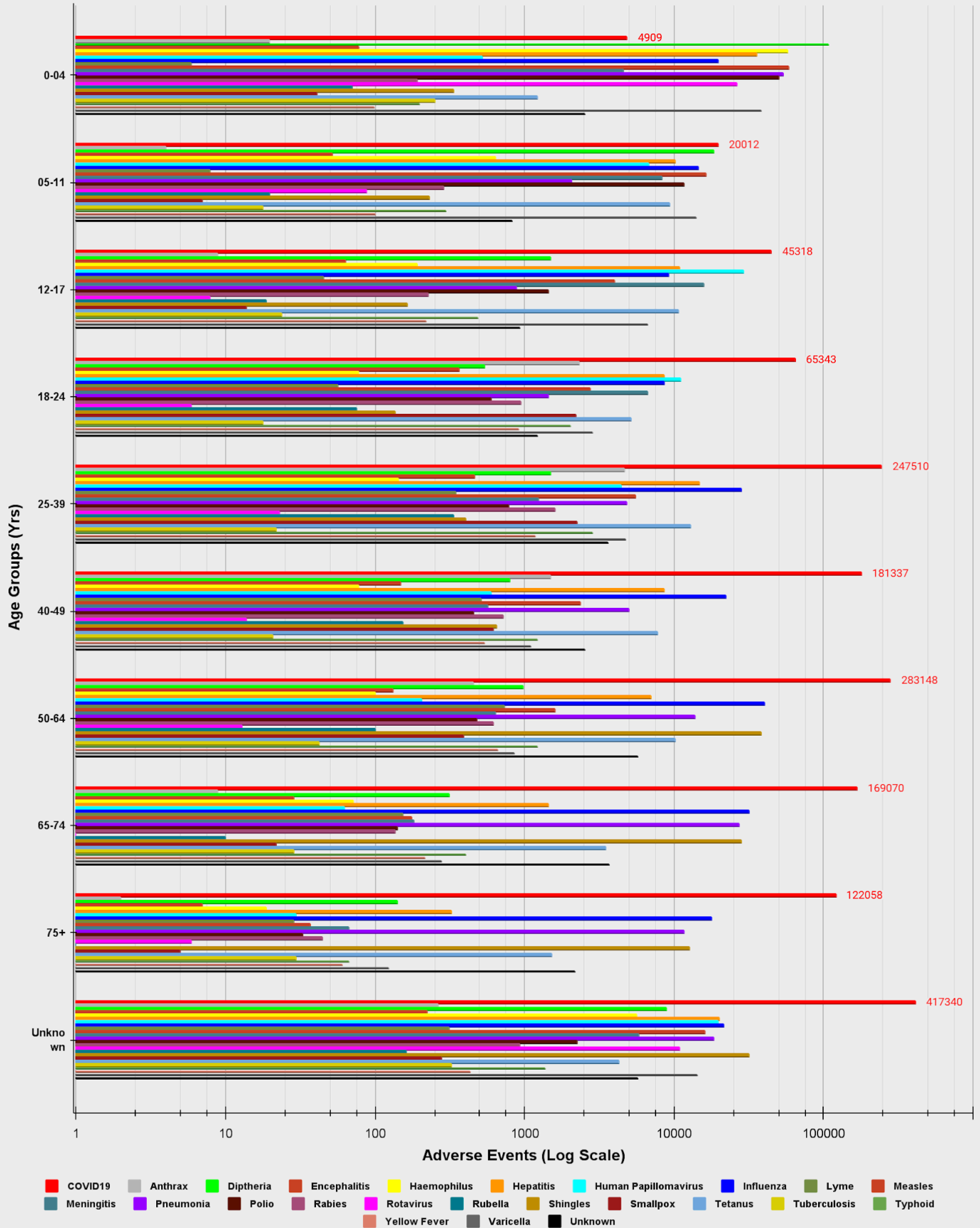
Data Obtained from CDC's VAERS





# Age Stratification of Adverse Events By Vaccine Type (US+Foreign) (1/1/1990-5/12/2023)

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\*\*\***

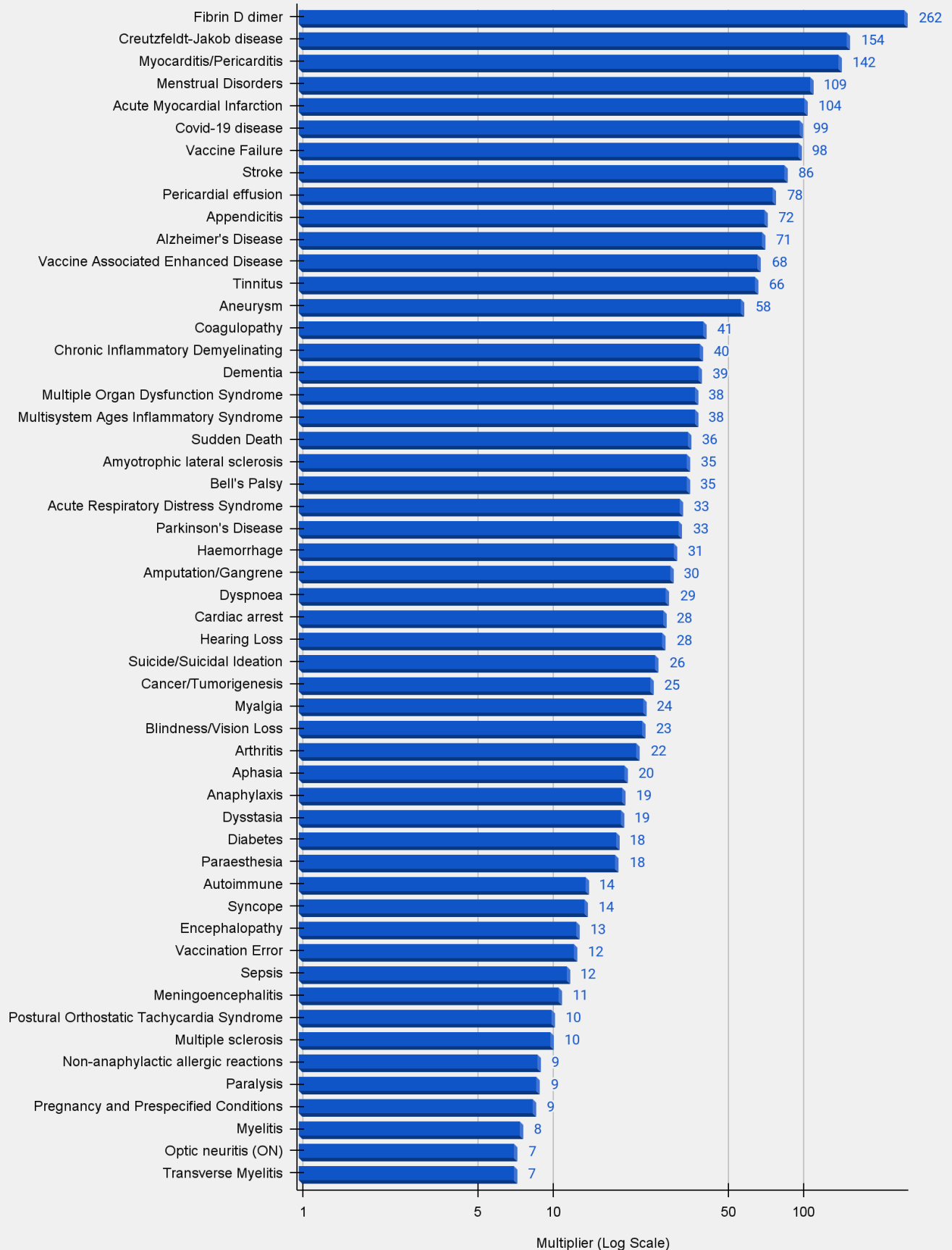
- Guillain-Barré syndrome
- Acute disseminated encephalomyelitis
- Transverse myelitis
- Encephalitis/myelitis/encephalomyelitis/ meningoencephalitis/meningitis/ encephalopathy
- Convulsions/seizures
- Stroke
- Narcolepsy and cataplexy
- Anaphylaxis
- Acute myocardial infarction
- Myocarditis/pericarditis
- 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	3636	88	5116	159
Acute Disseminated Encephalomyelitis	299	9	504	30
Transverse Myelitis	802	10	896	16
Encephalitis	3819	513	5295	509
Convulsions/Seizures	17504	582	31966	573
Stroke	13153	1058	1901	117
Narcolepsy, Cataplexy	345	7	386	3
Anaphylaxis	53738	192	44704	185
Acute Myocardial Infarction (Heart Attack)	7466	1838	431	183
Myocarditis/Pericarditis	26811	506	1178	104
Autoimmune Disease	3443	44	1371	20
Other Acute Demyelinating Diseases	545	10	926	26
Pregnancy and birth outcomes (Miscarriages)	5240	170	3122	61
Other Allergic Reactions	3010	5	2447	3
Thrombocytopenia	5603	495	3745	139
Disseminated Intravascular Coagulation	352	118	66	36
Venous Thromboembolism	30673	1828	954	136
Arthritis and Arthralgia/Joint Pain	97975	344	32797	90
Kawasaki Disease	114	2	841	9
Systemic Inflammatory Response Syndrome	1225	76	459	12

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

(Data from VAERS through 10/25/24)



## 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>	34	1 in 4,924,931	0.000020%	0.20
COVID19	173,638,666 <sup>2</sup>	6,515	1 in 26,652	0.003752%	37.52
<b>Risk of dying from COVID vaccine is 185 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	9,749	1 in 17,176	0.005822%	58.22
COVID19	173,638,666	599,942	1 in 289	0.345512%	3,455.12
<b>Risk of adverse reaction from COVID vaccine is 59 times greater than Flu Vaccine</b>					

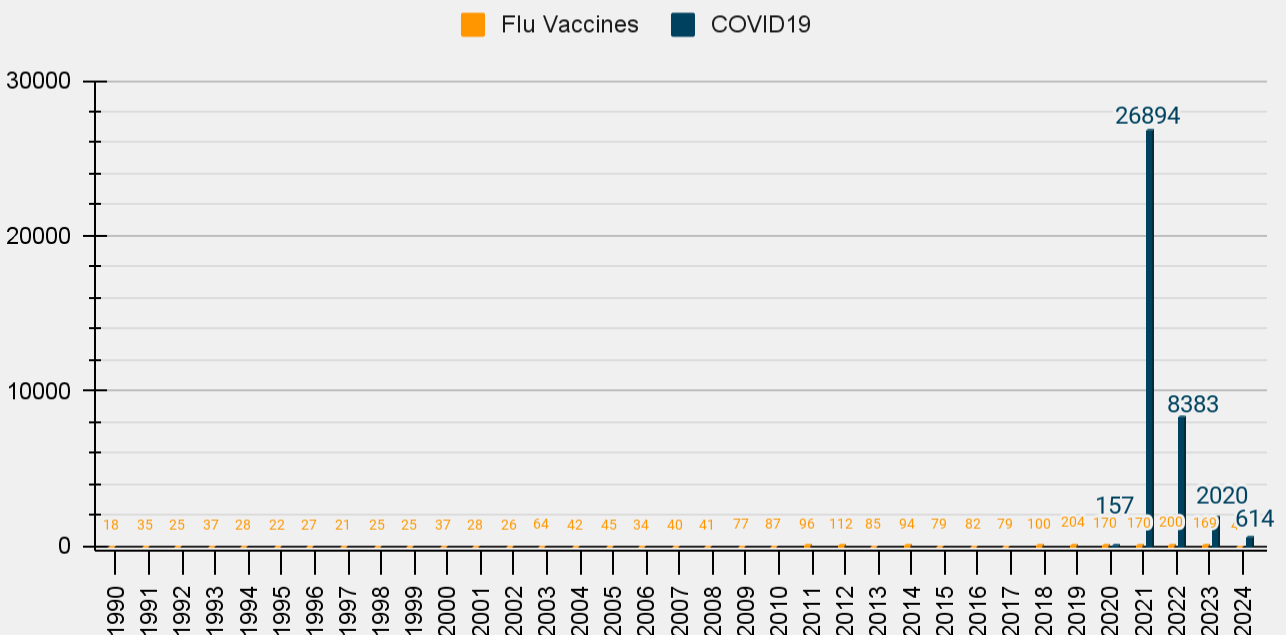
[1] number of flu vaccinations based on estimated flu vaccine coverage data from [CDC](#) and estimated population data from [US Census](#). Yearly flu vaccination data covers a period of time from 7/1 to 5/31 of the following year.

[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

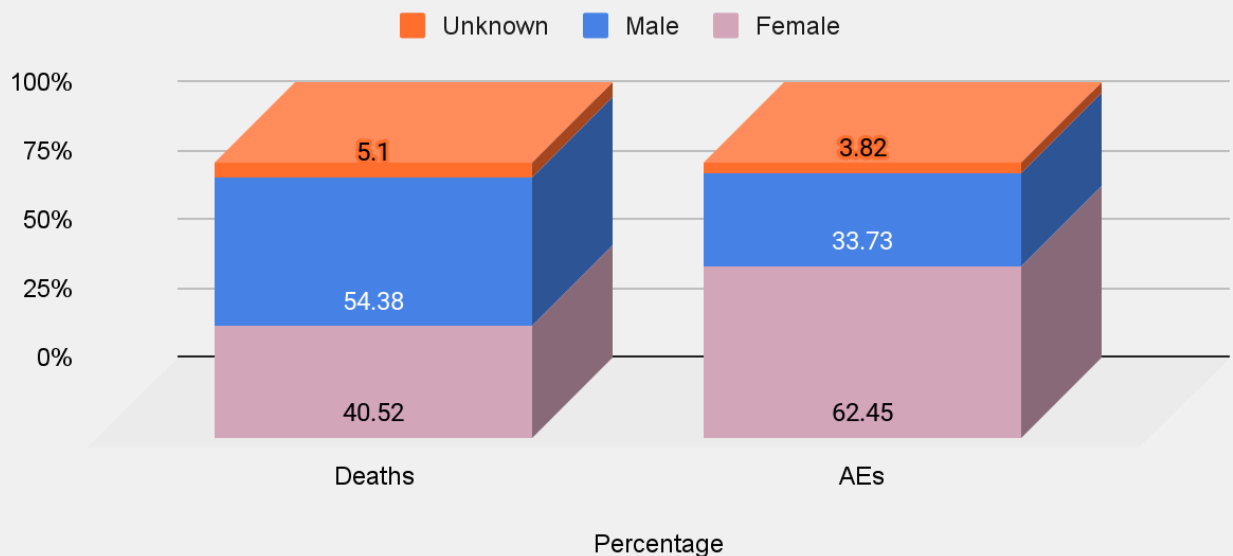
Manufacturer	# of Deaths	% Deaths	Average Deaths/Day	# US Deaths	# US Doses Administered (12/1/20-5/12/23)	US Deaths/ Mill. Doses (12/1/20-5/12/23)	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	2893	7.55	2.16	1919	19007537	104.80	1337	2/26/2021
Moderna	10914	28.49	7.76	8328	232147784	32.65	1407	12/18/2020
Pfizer/Biontech	23651	61.73	16.73	8490	366979906	21.15	1414	7/13/2022
Unknown	314	0.82		80	890835			
Novavax	6	0.02	0.01	6	89195	0.00	835	9/1/2022
Pfizer-Bivalent	367	0.96	0.47	241	36730941	4.38	785	9/1/2022
Moderna-Bivalent	201	0.52	0.26	168	20781667	4.62	785	9/1/2022

Manufacturer	# of AEs	% AEs	Average AEs/Day	# US AEs	# US Doses Administered (12/1/20-5/12/23)	US AEs/Mill. Doses (12/1/20-5/12/23)	Days since EUA approval	EUA Approval Date
Janssen (JNJ)	99644	5.97	74.53	73230	19007537	3836.37	1337	2/26/2021
Moderna	544475	32.63	386.98	449309	232147784	1830.9	1407	12/18/2020
Pfizer/Biontech	964795	57.82	682.32	455559	366979906	1179.31	1414	7/13/2022
Unknown	14766	0.88	0.71	7346	890835		716	
Novavax	605	0.04	0.72	578	89195	3116.77	835	12/11/2020
Pfizer-Bivalent	25820	1.55	32.89	23868	36730941	510.88	785	9/1/2022
Moderna-Bivalent	19053	1.14	24.27	17546	20781667	613.43	785	9/1/2022

## Vaccine Data by Gender

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

All Data Obtained from CDC's VAERS

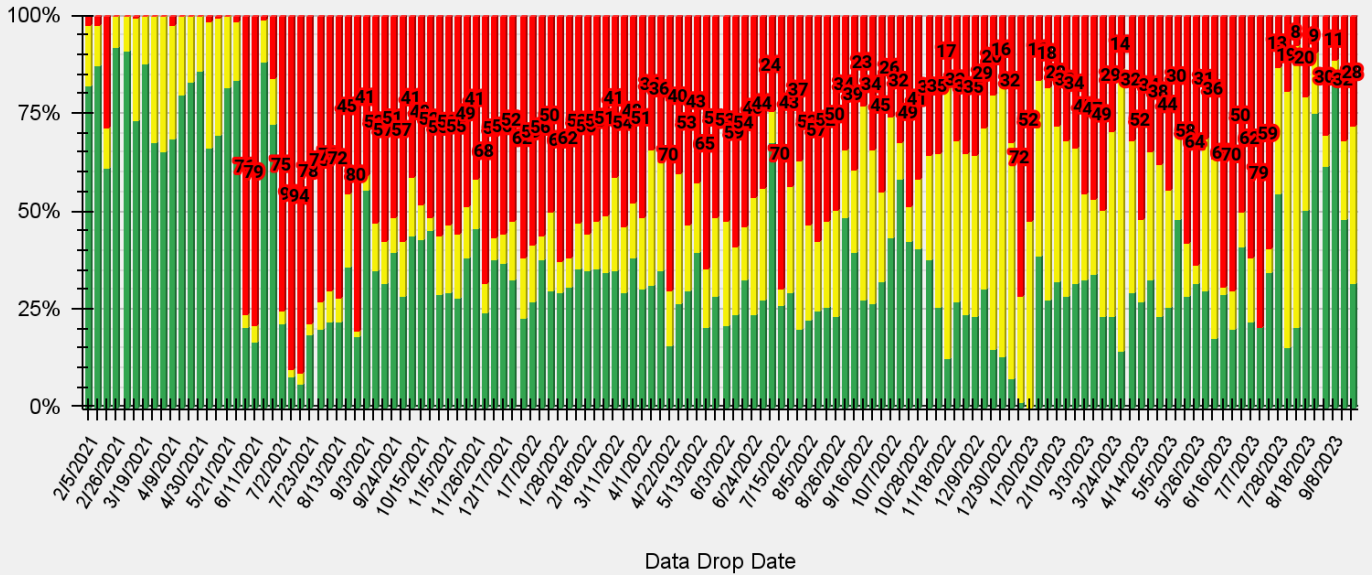


# Vaccine Data by Location

## Distribution by Location of Reported Deaths after COVID19 Vaccination

All Data Obtained from CDC's VAERS

Foreign % Unknown % US %

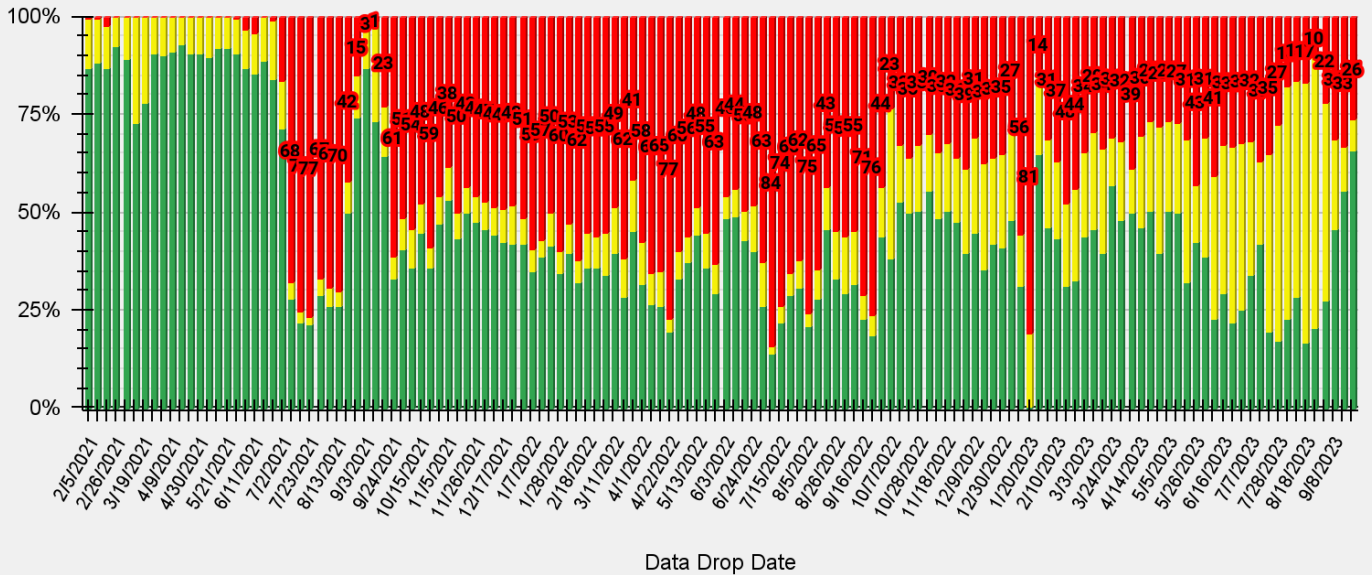


Data Drop Date

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

All Data Obtained from CDC's VAERS

Foreign % Unknown % US %

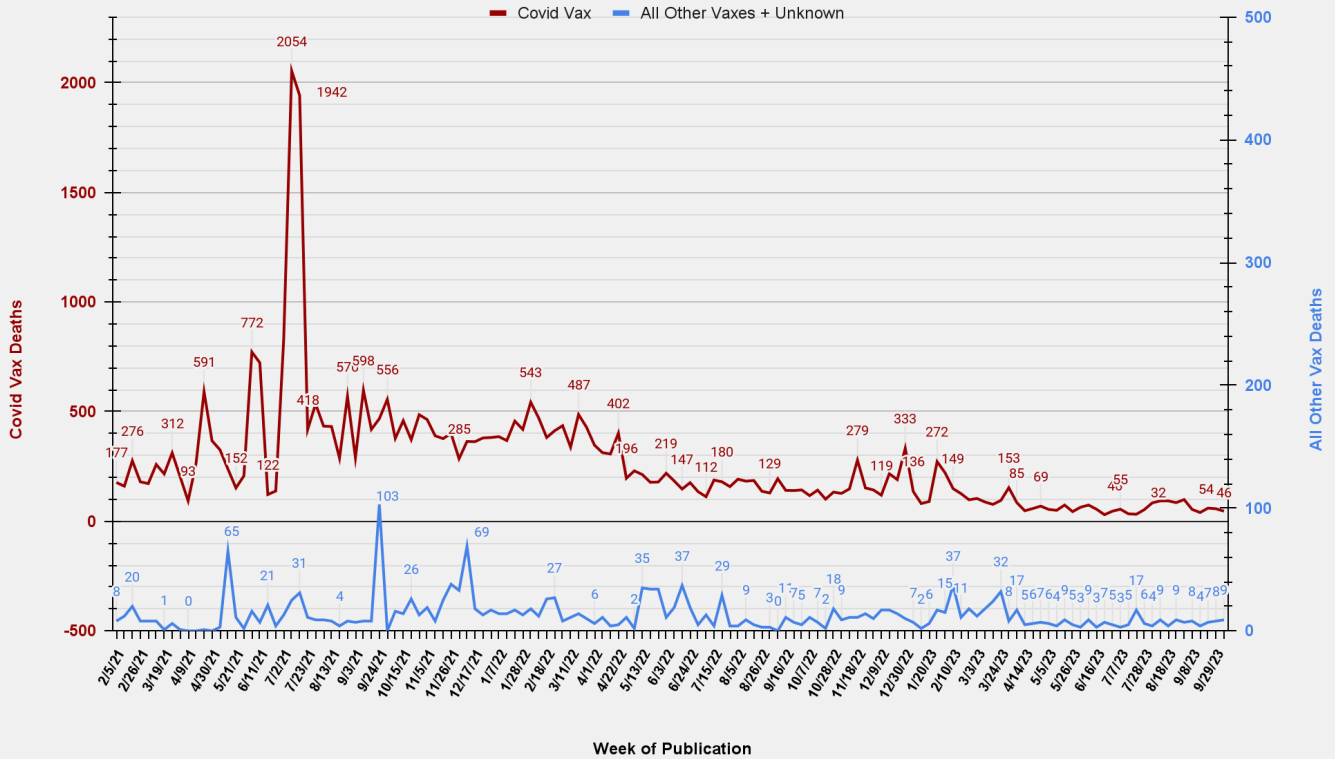


Data Drop Date

# VAERS Weekly Publication History

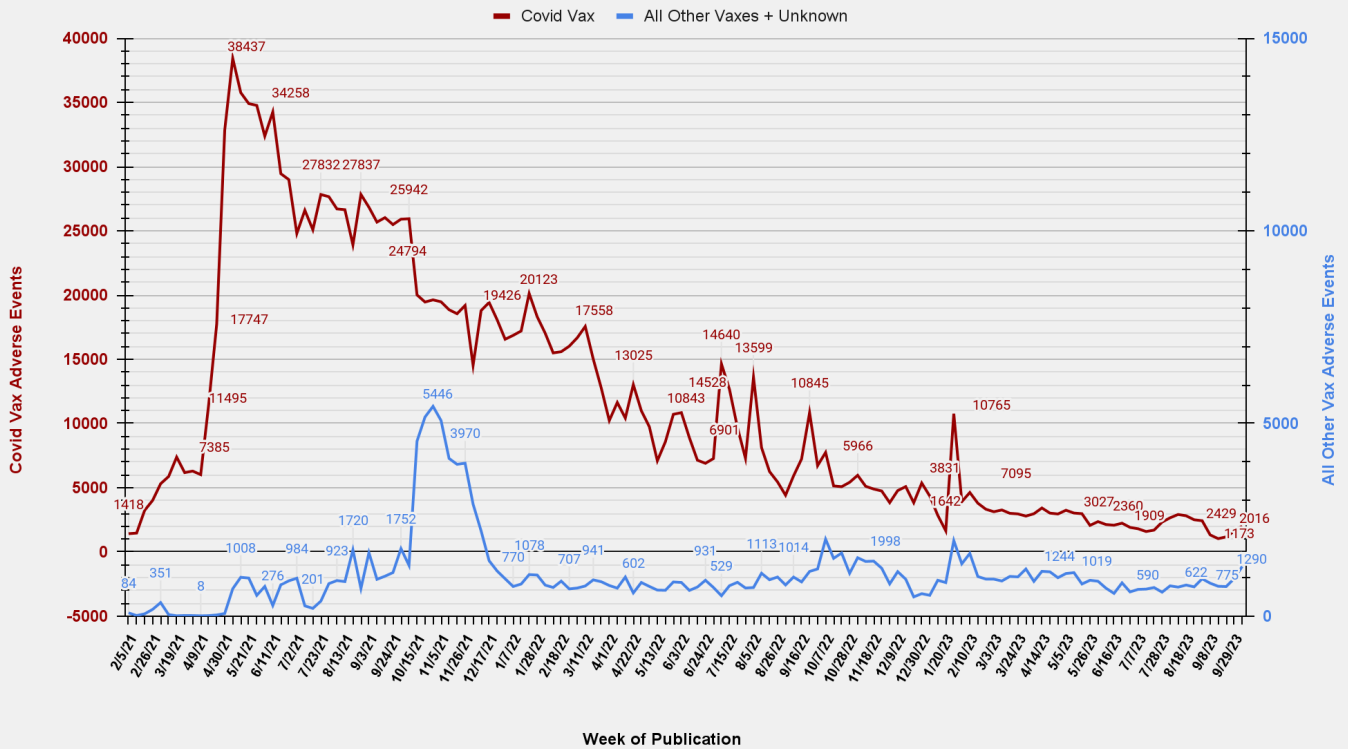
## New VAERS Deaths Published by Week

All Data Obtained from CDC's VAERS



## New VAERS Adverse Events Published by Week

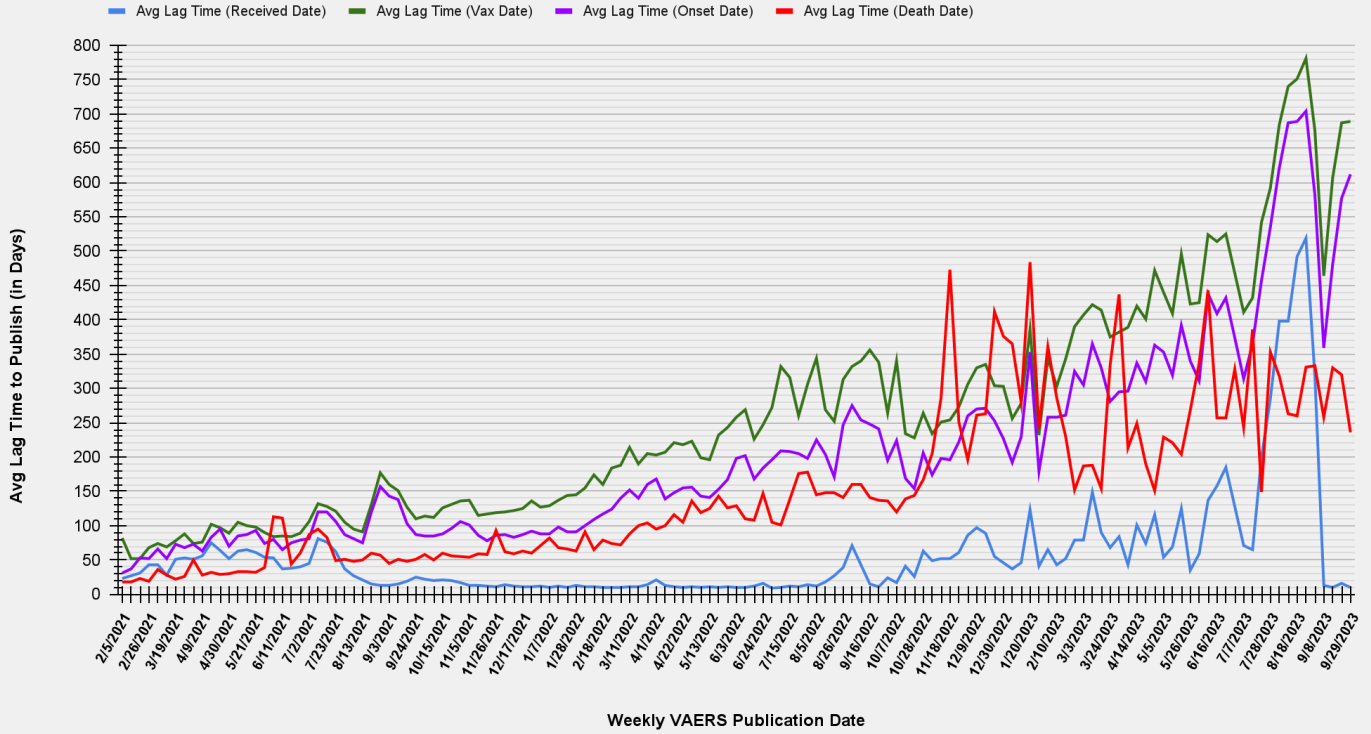
All Data Obtained from CDC's VAERS



# Lag Time to Publish History

## Average Lag Time to Publish in VAERS

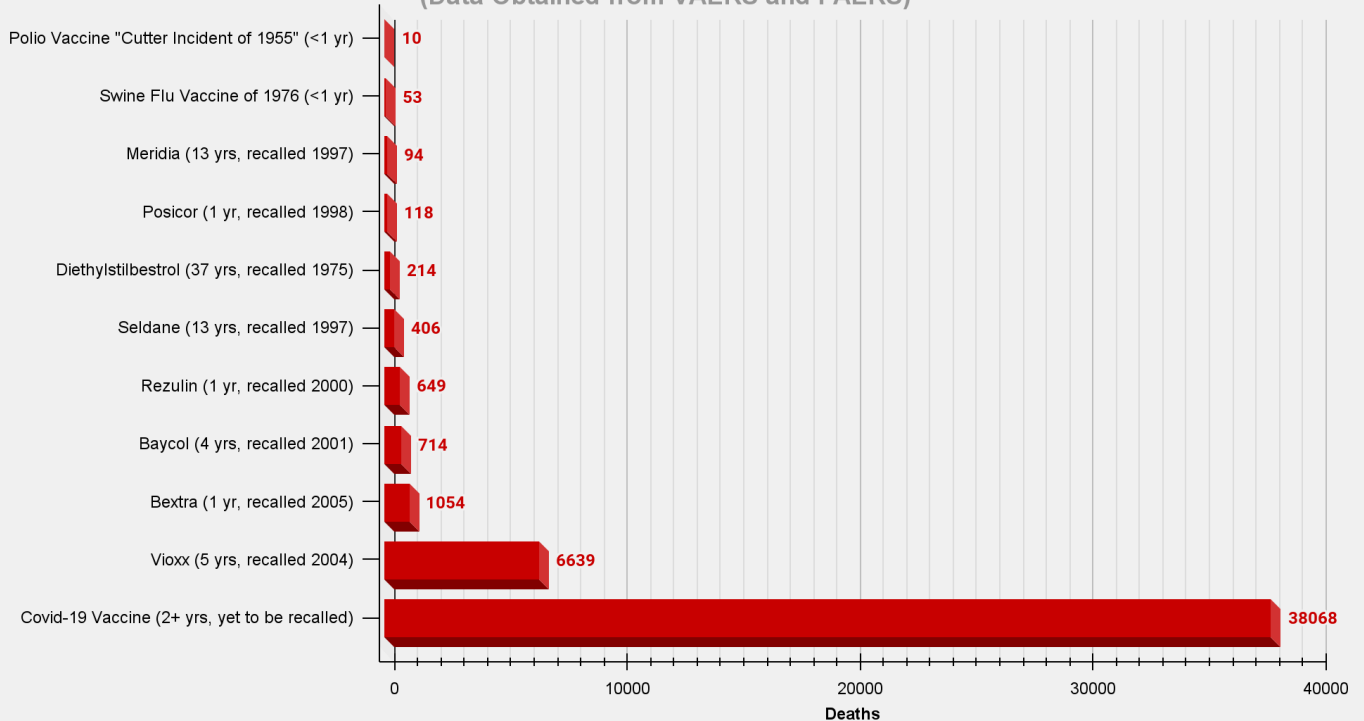
(Avg difference between date of publication and these dates: Received Date, Vax Date, Onset Date, Death Date)



# Recall History

## Reported Deaths for Major Drug/Vaccine Recalls

(Data Obtained from VAERS and FAERS)



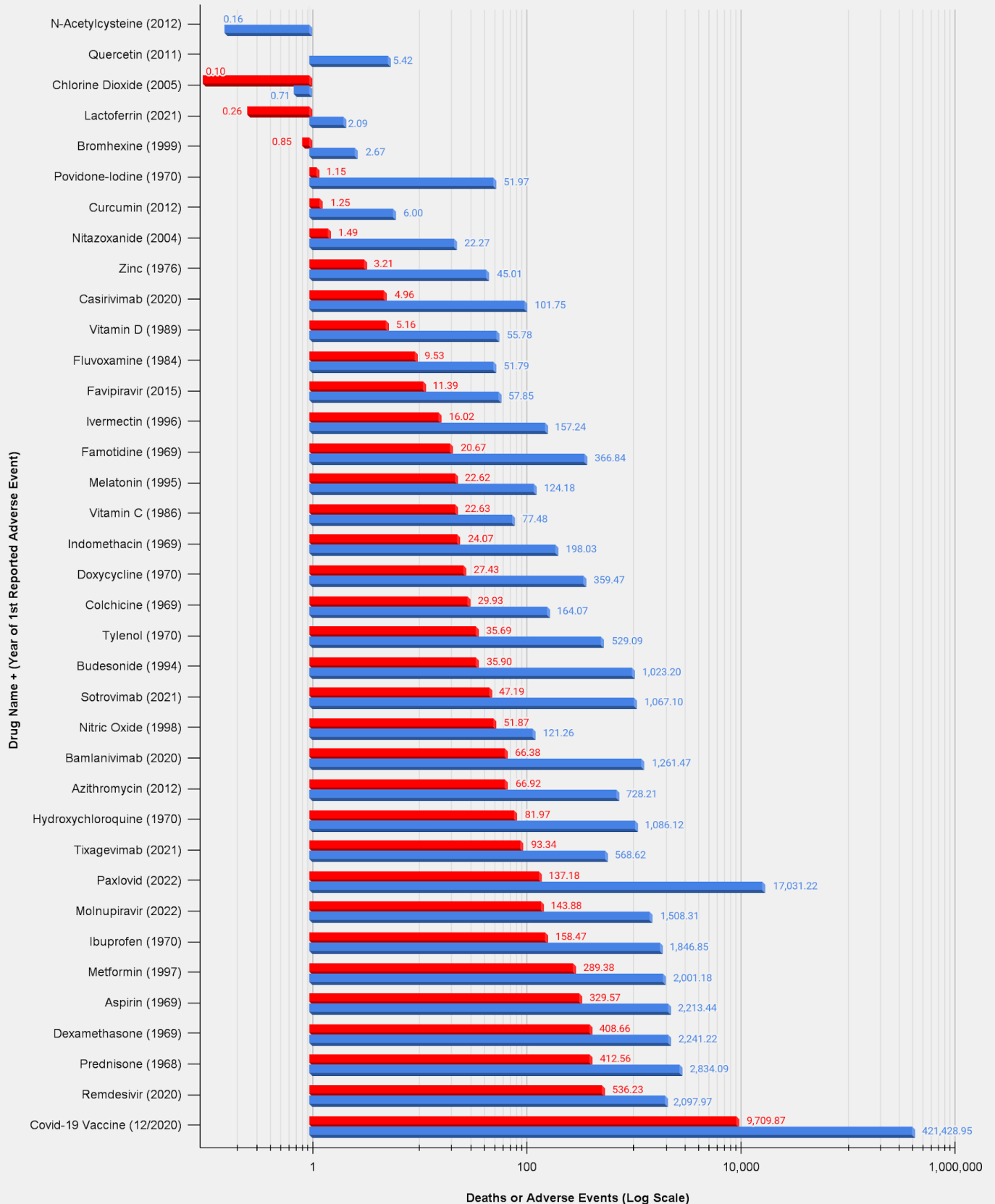


# Alternative Covid-19 Therapeutics

## 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>