

CDC Data Show 1,530,329 Adverse Events, 34,653 Deaths Reported After COVID-19 Vaccination



Data from the Vaccine Adverse Event Reporting System (VAERS) released Friday show [1,530,329](#) adverse events following COVID-19 vaccines were reported between Dec. 14, 2020, and March 3, 2023. This includes [284,447](#) reports of serious injuries and [34,653](#) deaths.

Of the 34,653 reported deaths, [21,697 cases](#) are attributed to Pfizer, [9,746](#) to Moderna, [2,962](#) to Johnson & Johnson, and 18 to Novavax. Of the [reported deaths](#), 9% occurred within 24 hours of vaccination, and 13% occurred within 48 hours.

VAERS is a voluntary reporting system co-managed by the U.S. Food and Drug Administration and Centers for Disease Control and Prevention (CDC) designed to detect vaccine safety signals.

Excluding “[foreign reports](#)” to VAERS, [942,035 adverse events](#), including [17,071 deaths](#) and [101,743 serious injuries](#), were reported in the U.S. between Dec. 14, 2020, and March 3, 2023.

[Foreign reports](#) are reports from foreign subsidiaries sent to U.S. vaccine manufacturers. Under FDA regulations, if a manufacturer is notified of a foreign case report describing an event that is both serious and does not appear on the product’s labeling, the manufacturer must submit the report to VAERS.

In the U.S., 671 million [COVID-19 vaccine doses](#) had been administered as of March 1, including 401 million doses of Pfizer, 251 million doses of Moderna, 19 million doses of Johnson & Johnson, and 81,000 doses of Novavax.

Bivalent Booster Data

As of March 8, [53.9 million people](#) received an experimental bivalent booster dose targeting the no-longer-existing Wuhan strain and obsolete BA.4/BA.5 omicron subvariants.

Between the rollout of bivalent boosters in September 2022 and March 3, there were [23,999 adverse events](#) reported to VAERS, with 39% attributed to [Moderna’s booster](#) and 61% attributed to [Pfizer/BioNTech](#). The data included [211 deaths](#), [1,766 serious injuries](#), and [70 reports](#) of myocarditis and pericarditis (heart inflammation).

The CDC uses a [narrowed case definition](#) of myocarditis. To meet the case definition of myocarditis, people must have had “symptoms such as chest pain, shortness of breath and feelings of having a fast-beating, fluttering or pounding heart, and medical tests to support the diagnosis of myocarditis and rule out other causes.” This allows them to exclude cases of cardiac arrest, ischemic strokes, and deaths due to heart problems that occur before one has the chance to go to the hospital, obtain a diagnosis, or “dies suddenly.”

The CDC website does not state what happens to these cases, but there is no indication they are tracked or included in the CDC's myocarditis numbers.

According to the CDC, VAERS data [available to the public](#) include the initial reports to VAERS. Any updates or corrections to reports during follow-up are used by the government for analysis but are not made available to the public.

Data for 6-month-olds to 5-year-olds

- [5,915 adverse events](#), including [251 cases rated as serious](#) and [13 reported deaths](#).
- [5 reports](#) of myocarditis and pericarditis.
- [35 reports](#) of blood clotting disorders.
- [59 reports](#) of seizures.

Data for 5- to 11-year-olds

- [17,060 adverse events](#), including [824 rated as serious](#) and [33 reported deaths](#).
- [48 reports](#) of myocarditis and pericarditis.
- [76 reports](#) of blood clotting disorders.
- [193 reports](#) of seizures.

Data for 12- to 17-year-olds

- [41,489 adverse events](#), including [4,637 rated as serious](#) and [139 reported deaths](#).
- [276 reports](#) of anaphylaxis among 12- to 17-year-olds where the reaction was life-threatening, required treatment, or resulted in death.
- [1,351 reports](#) of myocarditis and pericarditis, with [1,184 cases](#) attributed to Pfizer's vaccine.

- [311 reports](#) of blood clotting disorders, with [284 cases](#) attributed to Pfizer.
- [31 cases](#) of postural orthostatic tachycardia syndrome (POTS) were attributed to Pfizer's vaccine.

Data for all age groups to VAERS

- 16% of deaths were related to cardiac disorders.
- 53% of those who [died were male](#), and 41% [were female](#). The remaining death reports do not list the gender of the deceased.
- The [average age](#) of death was 72.
- As of March 3, [9,019 pregnant women](#) reported adverse events related to COVID-19 vaccines, including [5,223 reports](#) of miscarriage or premature birth.
- Of the [17,120 cases of Bell's palsy](#) reported, 73% were attributed to Pfizer vaccinations, [22% to Moderna](#), and [5% to J&J](#).
- [3,244 reports](#) of Guillain-Barré syndrome.
- [10,390 reports](#) of anaphylaxis where the reaction was life-threatening, required treatment or resulted in death.
- [8,456 reports](#) of myocardial infarction and cardiac arrest.
- [46,037 reports](#) of blood-clotting disorders. Of those, [31,608 reports](#) were attributed to Pfizer, [10,416 reports](#) to Moderna, and [3,937 reports](#) to Johnson & Johnson.
- [25,433 cases](#) of myocarditis and pericarditis, with [19,310 cases](#) attributed to Pfizer, [5,632 cases](#) to Moderna, and [441](#) to Johnson & Johnson.
- [78 cases](#) of Creutzfeldt-Jakob disease, with [64 cases](#) attributed to Pfizer, [12](#) to Moderna, and [2](#) to J&J.
- [699 cases](#) of POTS, with [517 cases](#) attributed to Pfizer, [154 cases](#) to Moderna, and [27 cases](#) to Johnson & Johnson.

Although healthcare providers are required by law to report vaccine adverse events to VAERS, research shows very few do. It is essential that anyone who experiences an adverse event [report their own injury](#).