



Ensuring COVID-19 Vaccine Safety in the US

Updated July 19, 2022

Vaccine Safety and Monitoring

- **COVID-19 vaccines** were developed using science that has been around for **decades**.
- COVID-19 vaccines are **safe**, and meet the Food and Drug Administration's (FDA's) rigorous scientific standards for safety, effectiveness, and manufacturing quality.
- **COVID 19-vaccines are effective** at preventing severe illness from COVID-19 and limiting the spread of the virus that causes it.
- Millions of people in the United States have received COVID-19 vaccines.
- COVID-19 vaccines are **monitored** by the most intense safety monitoring efforts in U.S. history.



CDC recommends COVID-19 vaccines for everyone ages 6 months and older, and boosters for everyone 5 years and older, if eligible.

Are the vaccines safe?

Have vaccines caused any health problems?

To make sure that COVID-19 vaccines are safe, CDC expanded and strengthened the country's ability to monitor vaccine safety. CDC created new web-based platforms to gather more information about the safety of COVID-19 vaccines. These platforms give CDC scientists information about the safety of COVID-19 vaccines in real time.

As a result, vaccine safety experts can monitor and detect issues that may not have been seen during the COVID-19 vaccine clinical trials. If any vaccine safety issues—also called adverse events—are reported, CDC scientists can quickly study them and determine if there is a safety concern with a particular vaccine.

Here are some of the tools that CDC uses to keep close tabs on the safety of COVID-19 vaccines:

- **v-safe**
V-safe provides quick and confidential health check-ins via text messages and web surveys so you can quickly and easily share with CDC how you or your dependent feel after getting a COVID-19 vaccine.
- **Vaccine Adverse Event Reporting System (VAERS)**
VAERS is the national system that collects reports of adverse events that happen after vaccination. [10 Things Healthcare Providers Need to Know about VAERS](#)
- **COVID-19 Vaccine Safety Monitoring Systems for Pregnant People**
Learn how CDC is monitoring the safety of COVID-19 vaccination in people who are pregnant.

Information about Specific Vaccines

- [Pfizer-BioNTech](#) >
- [Novavax](#) >
- [Moderna](#) >
- [Johnson & Johnson’s Janssen](#) >
- [Different Vaccines](#) >



COVID-19 Vaccine Safety Publications

Read the latest safety-related research on the COVID-19 vaccines.



Safety Monitoring Systems Information Sheet

Learn more about the systems that monitor the safety of COVID-19 vaccines.

 [PDF - 84 KB, 1 page]

Related Pages

- [Myths and Facts about COVID-19 Vaccines](#)
- [Information for Specific Groups](#)
- [What to Expect after Your Vaccination](#)
- [Allergic Reactions](#)
- [Vaccine Fact Sheets for People Getting the Vaccine](#)
- [COVID-19 Vaccines Safety Technical Sub-Group \(VaST\)](#)

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