



COVID-19

Stay Up to Date with Your COVID-19 Vaccines

Updated May 24, 2022

What You Need to Know

- CDC recommends COVID-19 vaccines, including boosters, for everyone ages 5 years and older.
- People who are moderately or severely immunocompromised have specific recommendations for COVID-19 vaccines, including boosters. Learn more about [COVID-19 vaccine recommendations for people who are moderately or severely immunocompromised](#).
- Use [CDC's COVID-19 booster tool](#) to learn if and when you can get boosters to stay up to date with your COVID-19 vaccines.
- The following [COVID-19 vaccine and booster recommendations](#) may be updated as CDC continues to use the latest data related to safety and how well vaccines work, including over time and against new variants.

About COVID-19 Vaccines

COVID-19 vaccines available in the United States are effective at protecting people—especially those who are boosted— from getting seriously ill, being hospitalized, and even dying. As with other diseases, you are protected best from COVID-19 when you stay up to date with the recommended vaccines.



Approved or Authorized Vaccines

Three COVID-19 vaccines are used in the United States to prevent COVID-19. Pfizer-BioNTech or Moderna are COVID-19 mRNA vaccines and are preferred. You may get Johnson & Johnson's Janssen (J&J/Janssen) COVID-19 vaccine in some situations.

[Pfizer-BioNTech](#)

[Moderna](#)

[Johnson & Johnson's Janssen](#)

When Are You Up to Date?

You are **up to date** with your COVID-19 vaccines when you have received all doses in the primary series and all boosters recommended for you, when eligible.

- Vaccine recommendations are different depending on your age, the vaccine you first received, and time since last dose, [as shown below](#).
- Learn more about [COVID-19 vaccine recommendations specifically for people who are moderately or severely immunocompromised](#).

Adults ages 18 years or older

Pfizer-BioNTech



Primary Series:

2 doses of Pfizer-BioNTech given 3–8 weeks apart ^[1]

Fully Vaccinated: 2 weeks after final dose in primary series

Boosters:

1 booster, preferably of either Pfizer-BioNTech or Moderna COVID-19 vaccine

- For most people at least 5 months after the final dose in the primary series

2nd booster of either Pfizer-BioNTech or Moderna COVID-19 vaccine

- For adults ages 50 years and older at least 4 months after the 1st booster

Up to Date: Immediately after getting all boosters recommended for you ^[2]

Moderna



Primary Series:

2 doses of Moderna given 4–8 weeks apart ^[1]

Fully Vaccinated: 2 weeks after final dose in primary series

Boosters:

1 booster, preferably of either Pfizer-BioNTech or Moderna COVID-19 vaccine

- For most people at least 5 months after the final dose in the primary series

2nd booster of either Pfizer-BioNTech or Moderna COVID-19 vaccine

- For adults ages 50 years and older at least 4 months after the 1st booster

Up to Date: Immediately after getting all boosters recommended for you ^[2]

Johnson & Johnson's Janssen



Primary Series:

1 dose of Johnson & Johnson's Janssen

Fully Vaccinated: 2 weeks after vaccination

Boosters:

1 booster, preferably of either Pfizer-BioNTech or Moderna COVID-19 vaccine

- For most people at least 2 months after a J&J/Janssen COVID-19 vaccine

2nd booster of either Pfizer-BioNTech or Moderna COVID-19 vaccine

- For adults ages 50 years and older at least 4 months after the 1st booster

Up to Date: Immediately after getting all boosters recommended for you ^[2]

People ages 18 through 49 years who received a J&J/Janssen COVID-19 vaccine for both their primary dose and booster can choose to get a 2nd booster of either Pfizer-BioNTech or Moderna COVID-19 vaccine at least 4 months after their 1st booster. The 2nd booster is not required to be considered up to date for people ages 18 through 49 years who got a J&J/Janssen COVID-19 vaccine for both their primary dose and 1st booster.

Children and teens ages 12–17 years

Pfizer-BioNTech 

Primary Series:

2 doses of Pfizer-BioNTech given 3–8 weeks apart ^[1]

Fully Vaccinated: 2 weeks after final dose in primary series

Boosters:

1 booster of Pfizer-BioNTech COVID-19 vaccine is recommended at least 5 months after the final dose in the primary series

Up to Date: Immediately after getting 1st booster ^[2]

Children ages 5–11 years

Pfizer-BioNTech 

Primary Series:

2 doses of Pfizer-BioNTech given 3–8 weeks apart ^[1]

Fully Vaccinated: 2 weeks after final dose in primary series

Boosters:

1 booster of Pfizer-BioNTech COVID-19 vaccine is recommended at least 5 months after the final dose in the primary series

CDC does not recommend 2nd boosters for anyone in this age group at this time

Up to Date: Immediately after getting 1st booster ^[2]

¹ Talk to your healthcare or vaccine provider about the timing for the 2nd dose in your primary series.

- **People ages 5 through 64 years, and especially males ages 12 through 39 years,** may consider getting the 2nd primary dose of an mRNA COVID-19 vaccine (Pfizer-BioNTech or Moderna; Pfizer-BioNTech only for children ages 5 through 17 years) 8 weeks after the 1st dose. A longer time between the 1st and 2nd primary doses may increase how much protection the vaccines offer, and further minimize the rare risk of heart problems, including [myocarditis and pericarditis](#).
- **People ages 65 years and older, people more likely to get very sick from COVID-19, or anyone wanting protection due to high levels of community transmission** should get the 2nd primary dose of **Pfizer-BioNTech** COVID-19 vaccine **3 weeks (or 21 days)** after the 1st primary dose, or the 2nd primary dose of **Moderna** COVID-19 vaccine **4 weeks (or 28 days)** after the 1st primary dose.

²You are also considered up to date if

- You have completed your primary series – but are not yet eligible for a booster
- You have received 1 booster but are not recommended to get a 2nd booster
- You have received 1 booster but are not yet eligible for a 2nd booster

Stay up to date by getting all recommended boosters when you are eligible.

Mixing COVID-19 Vaccine Products

CDC does not recommend mixing products for your primary vaccine series.

If you received the first dose of a Pfizer-BioNTech or Moderna COVID-19 vaccine, you should get the same product for your 2nd shot in the primary series. People ages 18 years and older may get a different product for a booster. Children and teens ages 5 through 17 years must get Pfizer-BioNTech for a booster.

Timing of COVID-19 Vaccination After Infection

People who have COVID-19 should wait to receive any vaccine, including a COVID-19 vaccine, until after they recover and [complete their isolation period](#).

Additionally, people who recently had COVID-19 *may* consider delaying their next vaccine dose (primary dose or booster) by 3 months from when their symptoms started or, if they had no symptoms, when they first received a positive test. Reinfection is less likely in the weeks to months after infection. However, certain factors, such as personal risk of severe disease, local [COVID-19 community level](#), and the most common [COVID-19 variant](#) currently causing illness, could be reasons to get a vaccine sooner rather than later.

Talk to your healthcare professional if you have questions about when to get your next COVID-19 vaccine.

Vaccination Outside the United States

If you received COVID-19 vaccines outside the United States, whether you are up to date depends on which COVID-19 vaccine (and how many doses) you received. Learn more about when [people vaccinated outside the United States are considered fully vaccinated](#)

Allergic Reaction to a COVID-19 Vaccine Product

If you had a [severe allergic reaction](#) after a previous dose of a COVID-19 vaccine or if you have a known (diagnosed) allergy to a COVID-19 vaccine ingredient, you should not get that vaccine. If you have been instructed not to get one type of COVID-19 vaccine, you may still be able to get another type.

Scheduling Your COVID-19 Vaccines

Find a COVID-19 vaccine or booster: Search [vaccines.gov](https://www.vaccines.gov), text your ZIP code to 438829, or call 1-800-232-0233 to find locations near you.

There are several ways you can [find a vaccine provider](#). You can get your COVID-19 vaccines at the same location, or different locations.

- If you need help scheduling your 2nd primary dose or a booster, contact the location that set up your previous appointment. It is never too late to get the added protection offered by completing your primary series or getting a COVID-19 booster.
- Some community vaccination clinics have closed. You can get your 2nd primary dose or a booster at a different location.

Learn more about [getting your COVID-19 vaccine](#).



For Healthcare and Public Health

[COVID-19 Clinical and Professional Resources](#)

Related Pages

- › [Getting a COVID-19 Vaccine](#)
- › [How COVID-19 Vaccines Work](#)
- › [Possibility of COVID-19 after Vaccination: Breakthrough Infections](#)
- › [Meeting Materials for the Advisory Committee on Immunization Practices](#)