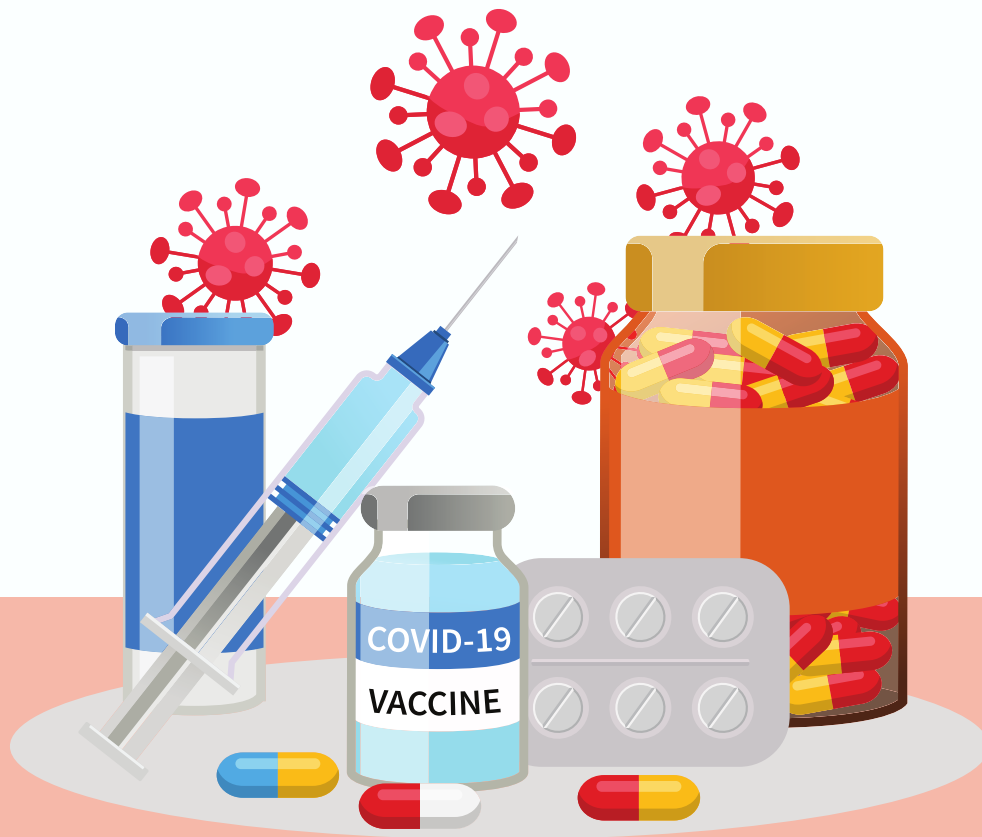


EVERYTHING YOU NEED TO KNOW ABOUT COVID-19 VACCINES



a project
of the



About COVID-19 Vaccines

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

Four COVID-19 vaccines are approved or authorized in the United States to prevent COVID-19: Pfizer-BioNTech, Moderna, Novavax, and Johnson & Johnson's Janssen (J&J/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 based on your age, the vaccine you first received, and time since last dose. People who are moderately or severely immunocompromised have different recommendations. If you have completed your primary series, but are not yet eligible for a booster, you are also considered up to date.

**Children and teens ages
6 months to
17 years**

Pfizer-BioNTech

Moderna

Novavax



**Adults ages 18
years & older**

Pfizer-BioNTech

Moderna

Novavax

Johnson & Johnson only recommended
to those who had a reaction after
another mRNA vaccine.



Pfizer-BioNTech

Ages: 6 month-4 years

1st Dose
Primary Series

2nd Dose
Primary Series
3-8 weeks after first
dose

3rd Dose
Primary Series
At least 8 weeks after
second dose

Ages: 5-17 years

1st Dose
Primary Series

2nd Dose
Primary Series
3-8 weeks after first
dose

3rd Dose
Booster
At least 5 months
after 2nd dose

Ages: 18-49 years

1st Dose
Primary Series

2nd Dose
Primary Series
3-8 weeks after first
dose

3rd Dose
Booster
At least 5 months after
2nd dose - can be
Pfizer or Moderna

Ages: 50 years and older

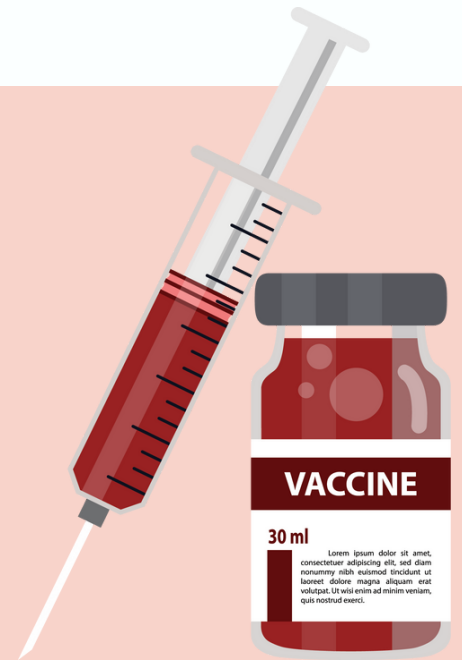
1st Dose
Primary Series

2nd Dose
Primary Series
3-8 weeks after
first dose

3rd Dose
Booster
At least 5 months
after 2nd dose - can
be Pfizer or Moderna

4th Dose
Booster
At least 4 months
after 3rd dose - can
be Pfizer or Moderna

Moderna



Ages: 6 month-17 years

1st Dose
Primary Series

2nd Dose
Primary Series
4-8 weeks after first
dose

Ages: 18-49 years

1st Dose
Primary Series

2nd Dose
Primary Series
4-8 weeks after first
dose

3rd Dose
Booster
At least 5 months after
2nd dose - can be
Pfizer or Moderna

Ages: 50 years and older

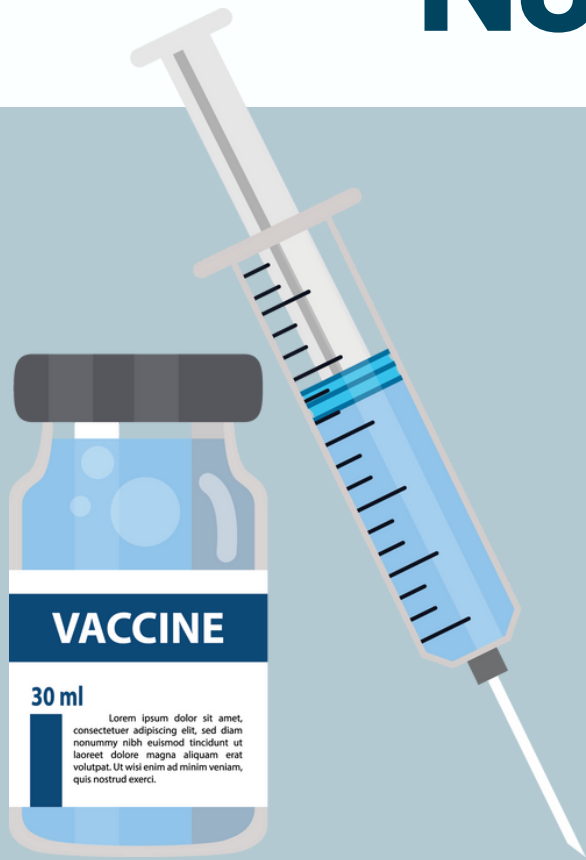
1st Dose
Primary Series

2nd Dose
Primary Series
3-8 weeks after
first dose

3rd Dose
Booster
At least 5 months
after 2nd dose - can
be Pfizer or Moderna

4th Dose
Booster
At least 4 months
after 3rd dose - can
be Pfizer or Moderna

Novavax



Ages: 12-17 years

1st Dose
Primary Series

2nd Dose
Primary Series
3 weeks after first
dose

Ages: 18 years and older

1st Dose
Primary Series

2nd Dose
Primary Series
3 weeks after first
dose

J&J/Janssen

Ages: 18-49 years

1st Dose
Primary Series

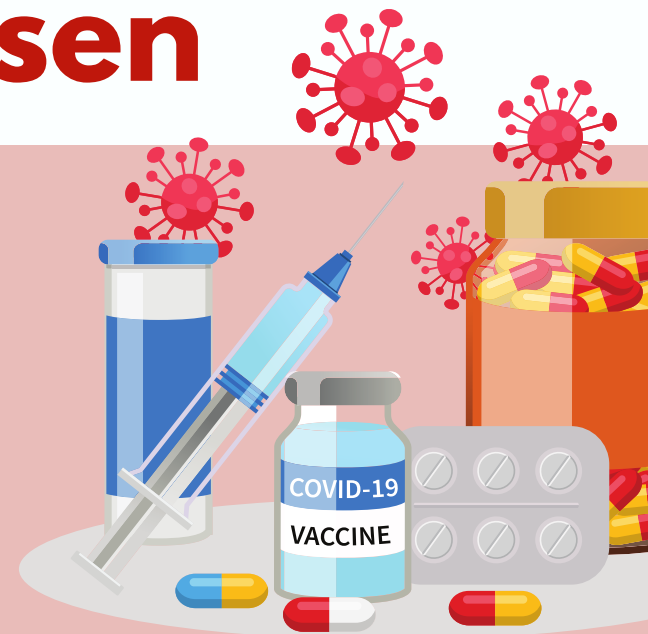
2nd Dose
Booster
2 months after first
dose - can be Pfizer-
BioNTech or Moderna

Ages: 50 years and older

1st Dose
Primary Series

2nd Dose
Booster
2 months after first
dose - can be Pfizer-
BioNTech or Moderna

3rd Dose
Booster
4 months after second
dose - can be Pfizer-
BioNTech or Moderna



Timing For Your Second Dose

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

- People ages 6 months 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) 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 myocarditis and pericarditis.
- Anyone wanting protection due to high levels of community transmission, people ages 65 years and older, or people who are more likely to get very sick from COVID-19 should get the second dose of:
 - Pfizer-BioNTech COVID-19 vaccine 3 weeks (or 21 days) after the first dose.
 - Moderna COVID-19 vaccine 4 weeks (or 28 days) after the first dose.
 - Novavax COVID-19 vaccine 3 weeks (or 21 days) after the first dose.

Mixing COVID-19 Vaccine Products

Primary series:

CDC does not recommend mixing products for your primary series doses. If you received Pfizer-BioNTech, Moderna, or Novavax COVID-19 for the first dose of your primary series, you should get the same product for all following primary series doses.

Boosters:

People ages 18 years and older may get a different product for a booster than they got for their primary series as long as it's Pfizer-BioNTech, Moderna, or in some cases J&J/Janssen. Children and teens ages 5 through 17 years who got a Pfizer-BioNTech primary series must also get Pfizer-BioNTech for a booster.

Novavax is not authorized for use as a booster dose at this time.

Vaccination Outside the United States

Specific recommendations for people vaccinated outside of the United States depend on whether:

- The vaccine(s) received are accepted in the United States
- The primary series was completed and, if eligible, a booster dose was received

These recommendations only apply to people who are not moderately or severely immunocompromised.

References

Centers for Disease Control and Prevention:

<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/stay-up-to-date.html>