



Centers for Disease Control and Prevention  
CDC 24/7: Saving Lives, Protecting People™

# COVID-19 (Coronavirus Disease)

CASES ARE RISING.  
**ACT NOW!**



WEAR A MASK



STAY 6 FEET APART



AVOID CROWDS

# Different COVID-19 Vaccines

Updated Dec. 13, 2020

[Print](#)

## Vaccine Types

### [Understanding How COVID-19 Vaccines Work](#)

This web page explains how the body fights infection and how COVID-19 vaccines protect people by producing immunity. It also describes the different types of COVID-19 vaccines that currently are available or are undergoing large-scale (Phase 3) clinical trials in the United States.

### [Understanding COVID-19 mRNA Vaccines](#)

This fact sheet provides information about mRNA vaccines generally and about COVID-19 vaccines that use this new technology specifically.

## Authorized and Recommended Vaccines

As COVID-19 vaccines are authorized and then recommended for use in the United States, it will be important to understand what is known about each vaccine. CDC will provide information on who is and is not recommended to receive each vaccine and what to expect after vaccination, as well as ingredients, safety, and effectiveness.

Currently, one vaccine is authorized and recommended to prevent COVID-19:

- Pfizer-BioNTech COVID-19 vaccine

## Vaccines in Phase 3 Clinical Trials

As of November 24, 2020, large-scale (Phase 3) clinical trials are in progress or being planned for three COVID-19 vaccines in the United States:

- AstraZeneca's COVID-19 vaccine
- Janssen's COVID-19 vaccine
- Moderna's COVID-19 vaccine

Learn more about U.S. COVID-19 vaccine clinical trials, including vaccines in earlier stages of development, by visiting [clinicaltrials.gov](https://clinicaltrials.gov) [↗](#).

This page will be updated as additional information is available.

Last Updated Dec. 13, 2020

Content source: [National Center for Immunization and Respiratory Diseases \(NCIRD\), Division of Viral Diseases](#)