

How COVID-19 Spreads

COVID-19 is thought to spread mainly through close contact from person-to-person. Some people without symptoms may be able to spread the virus. We are still learning about how the virus spreads and the severity of illness it causes.

Person-to-person spread

The virus is thought to spread mainly from person-to-person.

- Between people who are in close contact with one another (within about 6 feet).
- Through respiratory droplets produced when an infected person coughs, sneezes, or talks.
- These droplets can land in the mouths or noses of people who are nearby or possibly be inhaled into the lungs.
- COVID-19 may be spread by people who are not showing symptoms.

The virus spreads easily between people

How easily a virus spreads from person-to-person can vary. Some viruses are highly contagious, like measles, while other viruses do not spread as easily. Another factor is whether the spread is sustained, which means it goes from person-to-person without stopping.

The virus that causes COVID-19 is spreading very easily and sustainably between people. Information from the ongoing COVID-19 pandemic suggest that this virus is spreading more efficiently than influenza, but not as efficiently as measles, which is highly contagious.

The virus does not spread easily in other ways

COVID-19 is a new disease and we are still learning about how it spreads. It may be possible for COVID-19 to spread in other ways, but these are not thought to be the main ways the virus spreads.

- **From touching surfaces or objects.** It may be possible that a person can get COVID-19 by touching a surface or object that has the virus on it and then touching their own mouth, nose, or possibly their eyes. This is not thought to be the main way the virus spreads, but we are still learning more about this virus.
- **From animals to people.** At this time, the risk of COVID-19 spreading from animals to people is considered to be low. Learn about [COVID-19 and pets and other animals](#).
- **From people to animals.** It appears that the virus that causes COVID-19 can spread from people to animals in some situations. CDC is aware of a small number of pets worldwide, including cats and dogs, reported to be infected with the virus that causes COVID-19, mostly after close contact with people with COVID-19. Learn what you should do [if you have pets](#).

Protect yourself and others

The best way to prevent illness is to avoid being exposed to this virus. You can take steps to slow the spread.

- [Maintain good social distance](#) (about 6 feet). This is very important in preventing the spread of COVID-19.
- [Wash your hands](#) often with soap and water. If soap and water are not available, use a hand sanitizer that contains at least 60% alcohol.
- [Routinely clean and disinfect](#) frequently touched surfaces.

Steps to help prevent the spread of COVID-19 if you are sick

Follow the steps below: If you are sick with COVID-19 or think you might have COVID-19, follow the steps below to care for yourself and to help protect other people in your home and community.

Stay home except to get medical care

Stay home. Most people with COVID-19 have mild illness and can recover at home without medical care. Do not leave your home, except to get medical care. Do not visit public areas.

- **Take care of yourself.** Get rest and stay hydrated. Take over-the-counter medicines, such as acetaminophen, to help you feel better.
- **Stay in touch with your doctor.** Call before you get medical care. Be sure to get care if you have trouble breathing, or have any other emergency warning signs, or if you think it is an emergency.
- **Avoid public transportation**, ride-sharing, or taxis.

Separate yourself from other people

As much as possible, stay in a specific room and away from other people and pets in your home. If possible, you should use a separate bathroom. If you need to be around other people or animals in or outside of the home, wear a cloth face covering.

- Additional guidance is available for those living in close quarters and shared housing.
- See COVID-19 and Animals if you have questions about pets.

Monitor your symptoms

Symptoms of COVID-19 include fever, cough, and shortness of breath but other symptoms may be present as well. Trouble breathing is a more serious symptom that means you should get medical attention.

- **Follow care instructions from your healthcare provider and local health department.** Your local health authorities may give instructions on checking your symptoms and reporting information.

When to Seek Emergency Medical Attention

Look for **emergency warning signs*** for COVID-19. If someone is showing any of these signs, **seek emergency medical care immediately**

- Trouble breathing
- Persistent pain or pressure in the chest
- New confusion
- Inability to wake or stay awake
- Bluish lips or face

*This list is not all possible symptoms. Please call your medical provider for any other symptoms that are severe or concerning to you.

Call 911 or call ahead to your local emergency facility: Notify the operator that you are seeking care for someone who has or may have COVID-19.