

# What you need to know about coronavirus disease 2019 (COVID-19)

## What is coronavirus disease 2019 (COVID-19)?

Coronavirus disease 2019 (COVID-19) is a respiratory illness that can spread from person to person. The virus that causes COVID-19 is a novel coronavirus that was first identified during an investigation into an outbreak in Wuhan, China.

## Can people in the U.S. get COVID-19?

COVID-19 is spreading from person to person in several countries, and community transmission has been noted within the United States. Risk of infection is dependent on exposure. Close contacts of people who are infected are at greater risk of exposure, for example health care workers and close contacts of people who are infected with the virus that causes COVID-19. CDC continues to closely monitor the situation.

## Have there been cases of COVID-19 in the U.S.?

Yes. The first case of COVID-19 in the United States was reported on January 21, 2020. The current count of cases of COVID-19 in the United States is available on CDC's webpage at <https://www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html>.

## How does COVID-19 spread?

The virus that causes COVID-19 probably emerged from an animal source, but now it seems to be spreading from person to person. It's important to note that person-to-person spread can happen on a continuum. Some diseases are highly contagious (like measles), while other diseases are less so. At this time, it's unclear how easily or sustainably the virus that causes COVID-19 is spreading between people. Learn what is known about the spread of newly emerged coronaviruses at <https://www.cdc.gov/coronavirus/2019-ncov/about/transmission.html>.

## What are the symptoms of COVID-19?

Patients with COVID-19 have had mild to severe respiratory illness with symptoms of

- fever
- cough
- shortness of breath

## What are severe complications from this virus?

Many patients have pneumonia in both lungs.

## How can I help protect myself?

The best way to prevent infection is to avoid being exposed to the virus that causes COVID-19.

## There are simple everyday preventive actions to help prevent the spread of respiratory viruses. These include

- Avoid close contact with people who are sick.
- Avoid touching your eyes, nose, and mouth with unwashed hands.
- Wash your hands often with soap and water for at least 20 seconds. Use an alcohol-based hand sanitizer that contains at least 60% alcohol if soap and water are not available.

## If you are sick, to keep from spreading respiratory illness to others, you should

- Stay home when you are sick.
- Cover your cough or sneeze with a tissue, then throw the tissue in the trash.
- Clean and disinfect frequently touched objects and surfaces.

## What should I do if I recently traveled outside of the United States?

If you were outside the United States within the past 14 days and feel sick with fever, cough, or difficulty breathing, you should seek medical care. Call the office of your health care provider before you go, and tell them about your travel and your symptoms. They will give you instructions on how to get care without exposing other people to your illness. While sick, avoid contact with people, don't go out and delay any travel to reduce the possibility of spreading illness to others.

## Is there a vaccine?

There is currently no vaccine to protect against COVID-19. The best way to prevent infection is to avoid being exposed to the virus that causes COVID-19.

## Is there a treatment?

There is no specific antiviral treatment for COVID-19. People with COVID-19 can seek medical care to help relieve symptoms.

**For more information: [www.cdc.gov/COVID19](http://www.cdc.gov/COVID19)**

# What to do if you are sick with coronavirus disease 2019 (COVID-19)

If you are sick with COVID-19 or suspect you are infected with the virus that causes COVID-19, follow the steps below to help prevent the disease from spreading to people in your home and community.

## Stay home except to get medical care

You should restrict activities outside your home, except for getting medical care. Do not go to work, school, or public areas. Avoid using public transportation, ride-sharing, or taxis.

## Separate yourself from other people and animals in your home

**People:** As much as possible, you should stay in a specific room and away from other people in your home. Also, you should use a separate bathroom, if available.

**Animals:** Do not handle pets or other animals while sick. See COVID-19 and Animals for more information.

## Call ahead before visiting your doctor

If you have a medical appointment, call the healthcare provider and tell them that you have or may have COVID-19. This will help the healthcare provider's office take steps to keep other people from getting infected or exposed.

## Wear a facemask

You should wear a facemask when you are around other people (e.g., sharing a room or vehicle) or pets and before you enter a healthcare provider's office. If you are not able to wear a facemask (for example, because it causes trouble breathing), then people who live with you should not stay in the same room with you, or they should wear a facemask if they enter your room.

## Cover your coughs and sneezes

Cover your mouth and nose with a tissue when you cough or sneeze. Throw used tissues in a lined trash can; immediately wash your hands with soap and water for at least 20 seconds or clean your hands with an alcohol-based hand sanitizer that contains at least 60 to 95% alcohol, covering all surfaces of your hands and rubbing them together until they feel dry. Soap and water should be used preferentially if hands are visibly dirty.

## Avoid sharing personal household items

You should not share dishes, drinking glasses, cups, eating utensils, towels, or bedding with other people or pets in your home. After using these items, they should be washed thoroughly with soap and water.

## Clean your hands often

Wash your hands often with soap and water for at least 20 seconds. If soap and water are not available, clean your hands with an alcohol-based hand sanitizer that contains at least 60% alcohol, covering all surfaces of your hands and rubbing them together until they feel dry. Soap and water should be used preferentially if hands are visibly dirty. Avoid touching your eyes, nose, and mouth with unwashed hands.

## Clean all "high-touch" surfaces every day

High touch surfaces include counters, tabletops, doorknobs, bathroom fixtures, toilets, phones, keyboards, tablets, and bedside tables. Also, clean any surfaces that may have blood, stool, or body fluids on them. Use a household cleaning spray or wipe, according to the label instructions. Labels contain instructions for safe and effective use of the cleaning product including precautions you should take when applying the product, such as wearing gloves and making sure you have good ventilation during use of the product.

## Monitor your symptoms

Seek prompt medical attention if your illness is worsening (e.g., difficulty breathing). **Before** seeking care, call your healthcare provider and tell them that you have, or are being evaluated for, COVID-19. Put on a facemask before you enter the facility. These steps will help the healthcare provider's office to keep other people in the office or waiting room from getting infected or exposed.

Ask your healthcare provider to call the local or state health department. Persons who are placed under active monitoring or facilitated self-monitoring should follow instructions provided by their local health department or occupational health professionals, as appropriate.

If you have a medical emergency and need to call 911, notify the dispatch personnel that you have, or are being evaluated for COVID-19. If possible, put on a facemask before emergency medical services arrive.

## Discontinuing home isolation

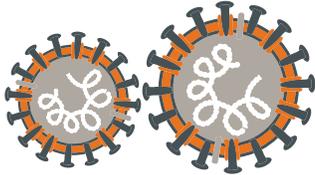
Patients with confirmed COVID-19 should remain under home isolation precautions until the risk of secondary transmission to others is thought to be low. The decision to discontinue home isolation precautions should be made on a case-by-case basis, in consultation with healthcare providers and state and local health departments.

**For more information: [www.cdc.gov/COVID19](http://www.cdc.gov/COVID19)**

# Coronavirus Disease (COVID-19)

## Q. What are coronaviruses?

**A:** Human coronaviruses were first identified in the mid-1960s. They are a respiratory virus named for the crown-like spikes on their surface. We are currently aware of seven different types of human coronaviruses, four of which are associated with mild to moderate upper-respiratory tract illnesses, like the common cold. Other types of the virus include severe acute respiratory syndrome (SARS), the Middle East Respiratory Syndrome, (MERS) and Coronavirus Disease (COVID-19), which is responsible for the latest outbreak. Although COVID-19 is similar to the other types of coronaviruses, it is unique in many ways and we are still learning more each day.



within the last two weeks the following symptoms could indicate you have contracted COVID-19:

- fever;
- cough; or
- shortness of breath.

Unless your symptoms are severe, it is recommended you call your healthcare provider first before entering a healthcare facility. When speaking with a healthcare provider in-person or on the phone, be sure to note your symptoms, travel history, or if you were exposed to a person diagnosed with the virus.

## Q. How severe is this illness?

**A:** The World Health Organization says 80% of people with COVID-19 have a mild form of the illness with cold- or flulike symptoms. The people most likely to get seriously ill from this virus are people over 60 and/or those with pre-existing health conditions. It is estimated that for every 100 cases of COVID-19, between two and four people would die. This is very different from a coronavirus like SARS, where nearly ten in 100 sick people died from the illness.

## Q. I see people wearing masks, should I be doing that?

**A:** Health officials in the U.S. do not recommend the use of masks among people not showing symptoms of COVID-19. People in places where spread is more likely, may have been instructed to wear masks to prevent infecting others and to possibly prevent getting ill from close contact in crowded places.

## Q. What can I do to prevent getting sick from COVID-19?

**A:** The following tips will help to prevent COVID-19 as well as other respiratory viruses:

- Wash your hands often with soap and water for at least 20 seconds. If soap and water are not available, use an alcohol-based hand sanitizer with at least 60% alcohol.
- Don't touch your eyes, nose, or mouth, especially with unwashed hands.
- Avoid close contact with people who are showing symptoms of illness.
- Clean and disinfect frequently touched objects and surfaces.
- Cover your cough or sneezes with a tissue or sneeze into your elbow. Throw the tissue in the garbage and make sure to clean your hands afterwards.
- Stay home when you are sick.



## Q. How do you get infected with COVID-19?

**A:** COVID-19 is spread by close person-to-person contact from droplets from a cough or sneeze, which can get into your mouth, nose, or lungs. Close contact is defined as being within approximately 6 feet of another person. There aren't many cases in the U.S., so the risk of contracting COVID-19 is low.

## Q. How do I know if I have COVID-19?

**A:** If you were recently exposed to someone with a confirmed case of COVID-19 or have been in a place where an outbreak has occurred



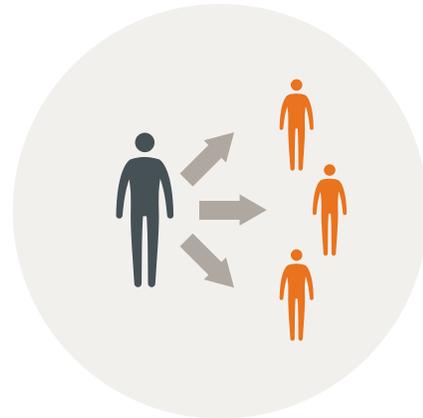
# Coronavirus Disease (COVID-19)

## Spreads

Through close personal contact with a sick person.



SYMPTOMS MAY SHOW UP  
2-14 DAYS LATER

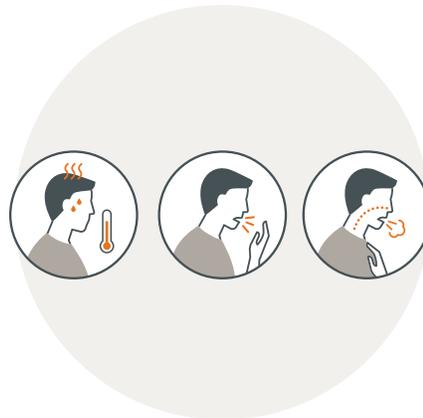


## Symptoms

- Fever
- Cough
- Shortness of breath

### Call your healthcare provider if:

- You have symptoms and have been to a country that has experienced an outbreak within the last 2 weeks of your travel.
- You have symptoms and have been in close contact with a person with a confirmed case of COVID-19.



## Prevention

- Wash your hands often.
- Cover your cough/sneeze with a tissue.
- Don't touch your eyes, nose, or mouth.
- Avoid close contact with sick people.
- Clean and disinfect high-touch surfaces often.
- Stay home when you are sick.

