

# What you need to know about 2019 Novel Coronavirus (2019-nCoV)

## What is 2019 novel coronavirus?

The 2019 novel coronavirus (2019-nCoV) is a new virus that causes respiratory illness in people and can spread from person to person. This virus was first identified during an investigation into an outbreak in Wuhan, China.

## Can people in the U.S. get 2019-nCoV?

The 2019-nCoV is spreading from person to person in China and limited spread among close contacts has been detected in some countries outside China, including the United States. At this time, however, this virus is NOT currently spreading in communities in the United States. Right now, the greatest risk of infection is for people in China or people who have traveled to China. 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 2019-nCoV. CDC continues to closely monitor the situation.

## Have there been cases of 2019-nCoV in the U.S.?

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

## How does 2019-nCoV spread?

This virus probably originally emerged from an animal source but now seems to be spreading from person to person. It's important to note that person-to-person spread can happen on a continuum. Some viruses are highly contagious (like measles), while other viruses are less so. At this time, it's unclear how easily or sustainably this virus 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 2019-nCoV?

Patients with 2019-nCoV have reportedly 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 this virus.

## 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 to China and got sick?

If you were in China 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 2019-nCoV. The best way to prevent infection is to avoid being exposed to this virus.

## Is there a treatment?

There is no specific antiviral treatment for 2019-nCoV. People with 2019-nCoV can seek medical care to help relieve symptoms.

# STOP THE SPREAD OF GERMS

Help prevent the spread of respiratory viruses like 2019 novel coronavirus.

Avoid close contact with people who are sick.



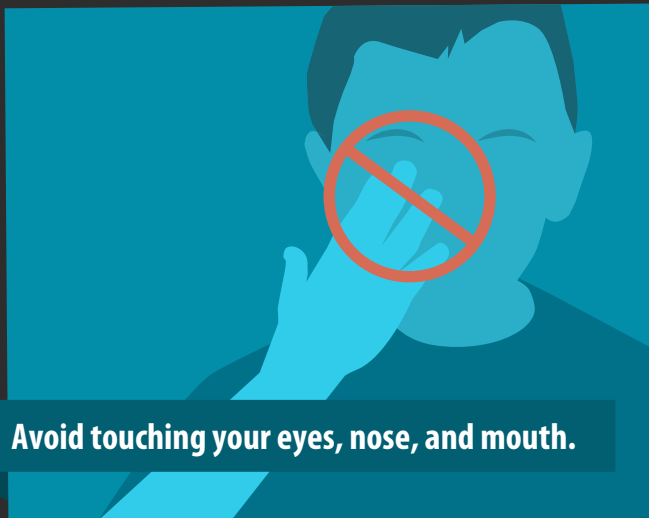
Cover your cough or sneeze with a tissue, then throw the tissue in the trash.



Clean and disinfect frequently touched objects and surfaces.



Avoid touching your eyes, nose, and mouth.



Stay home when you are sick, except to get medical care.



Wash your hands often with soap and water for at least 20 seconds.



# What to do if you are sick with 2019 Novel Coronavirus (2019-nCoV)

**If you are sick with 2019-nCoV, or suspected of being infected with 2019-nCoV, follow the steps below to help prevent 2019-nCoV 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. Do not use public transportation, ride-sharing, or taxis.

## Separate yourself from other people in your home

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.

## 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 2019-nCoV infection. 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) 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 and wash your hands with soap and water for at least 20 seconds. If soap and water are not available, immediately 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.

## Clean your hands

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.

## Avoid sharing personal household items

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

## Monitor your symptoms

Seek prompt medical attention if your illness is worsening (e.g., shortness of breath or difficulty breathing). **Before** seeking care, call your healthcare provider and tell them that you have, or are being evaluated for, 2019-nCoV infection. Put on a facemask before you enter the facility. These steps will help the healthcare provider's office keep other people 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. <https://www.cdc.gov/coronavirus/2019-ncov/php/risk-assessment.html>.

## Discontinuing home isolation

Patients with confirmed 2019-nCoV infection 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. Current information on 2019-nCoV is limited; thus, home precautions are conservative and based on general recommendations for other coronaviruses, like Middle Eastern Respiratory Syndrome (MERS).



The current outbreak of 2019 novel coronavirus (2019-nCoV) was first identified in China but has now spread internationally, impacting an increasing number of countries. Sustained community spread is occurring in China. Limited person-to-person spread, most associated with close contact with a patient with confirmed 2019-nCoV, has been seen outside of China. No community spread of 2019-nCoV has been identified in the United States at this time.

In the coming days and weeks, we expect more confirmed cases in the United States, including some person-to-person spread. The goal of CDC's aggressive ongoing public health response is to prevent spread of 2019-nCoV in the United States.

## What you should do

- **STAY INFORMED** – CDC is updating its website daily with the latest information and advice for the public. ([www.cdc.gov/ncov](http://www.cdc.gov/ncov))
- **REMEMBER TO TAKE EVERYDAY PREVENTIVE ACTIONS** that are always recommended to prevent the spread of respiratory viruses.
  - » Avoid close contact with sick people.
  - » While sick, limit contact with others as much as possible.
  - » Stay home if you are sick.
  - » Cover your nose and mouth when you cough or sneeze. Avoid touching your eyes, nose and mouth with unwashed hands; germs spread this way.
  - » Clean and disinfect surfaces and objects that may be contaminated with germs.
  - » 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 rub with at least 60% alcohol.
- **IF YOU FEEL SICK** with fever, cough, or difficulty breathing, and have traveled to China or were in close contact with someone with 2019-nCoV in the 14 days before you began to feel sick, seek medical care. Before you go to a doctor's office or emergency room, call ahead and tell them about your recent travel and your symptoms.

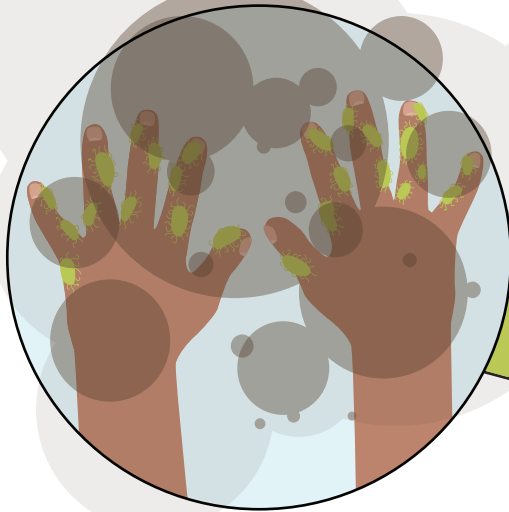
## What you should not do

- **DO NOT** travel to China.
- **DO NOT** use facemasks. CDC does not recommend the use of facemasks for the **general U.S. public** to prevent the spread of 2019-nCoV.
- **DO NOT** show prejudice to people of Asian descent, because of fear of this new virus. Do not assume that someone of Asian descent is more likely to have 2019-nCoV.

All persons in the U.S.—including those of Asian descent—who have not traveled to China or been in contact with someone with a confirmed or suspected nCoV case in the last 14 days are at low risk of becoming sick.



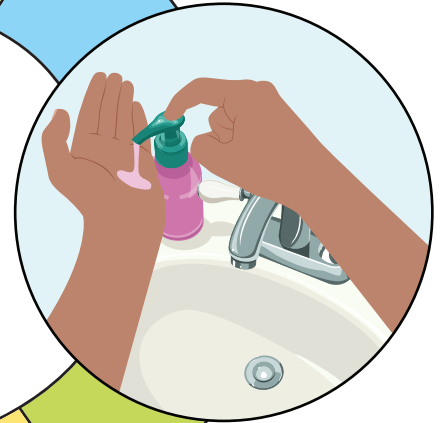
# Wash Your Hands!



Dirty!



Wet



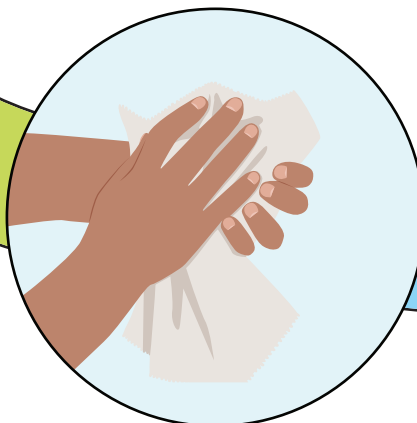
Get Soap



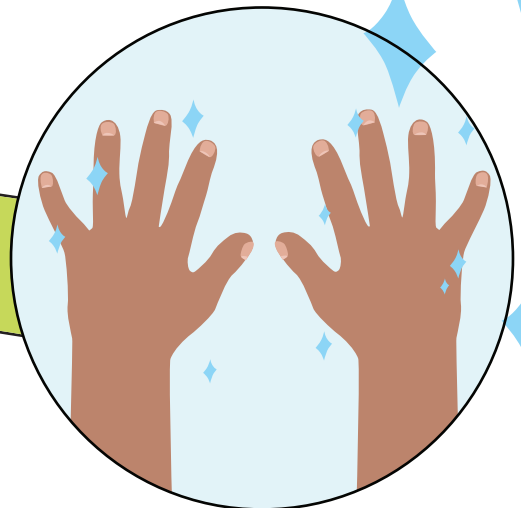
Scrub



Rinse



Dry



Clean!



Centers for Disease  
Control and Prevention  
National Center for Emerging  
and Zoonotic Infectious Diseases

[www.cdc.gov/handwashing](http://www.cdc.gov/handwashing)

# Help stop the flu from spreading!



## Catch it

Germs spread easily. Always carry tissues and use them to catch your cough or sneeze.



## Bin it

Germs can live for several hours on tissues. Dispose of your tissue as soon as possible.



## Kill it

Hands can transfer germs to every surface you touch. Clean your hands as soon as you can.