

COVID-19 Update

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Mission & Priorities



The Utah Department of Health's mission is to protect the public's health through preventing avoidable illness, injury, disability, and premature death; assuring access to affordable, quality health care; and promoting healthy lifestyles.

Our vision is for Utah to be a place where *all* people can enjoy the best health possible, where *all* can live and thrive in healthy and safe communities.





What is COVID-19?

What is COVID-19?



- Respiratory illness caused by a novel coronavirus (SARS-CoV-2)
- Multiple types of coronavirus
 - Seasonal Coronaviruses
 - Novel Coronaviruses
 - MERS, SARS



SYMPTOMS* OF CORONAVIRUS DISEASE

Patients with COVID-19 have reportedly had mild to severe respiratory illness.

Symptoms can include

- Fever
- Cough
- Shortness of breath

*** Symptoms may appear 2–14 days after exposure. If you have been in China within the past 2 weeks and develop symptoms, call your doctor.**



www.cdc.gov/COVID19

COVID-19 Origin

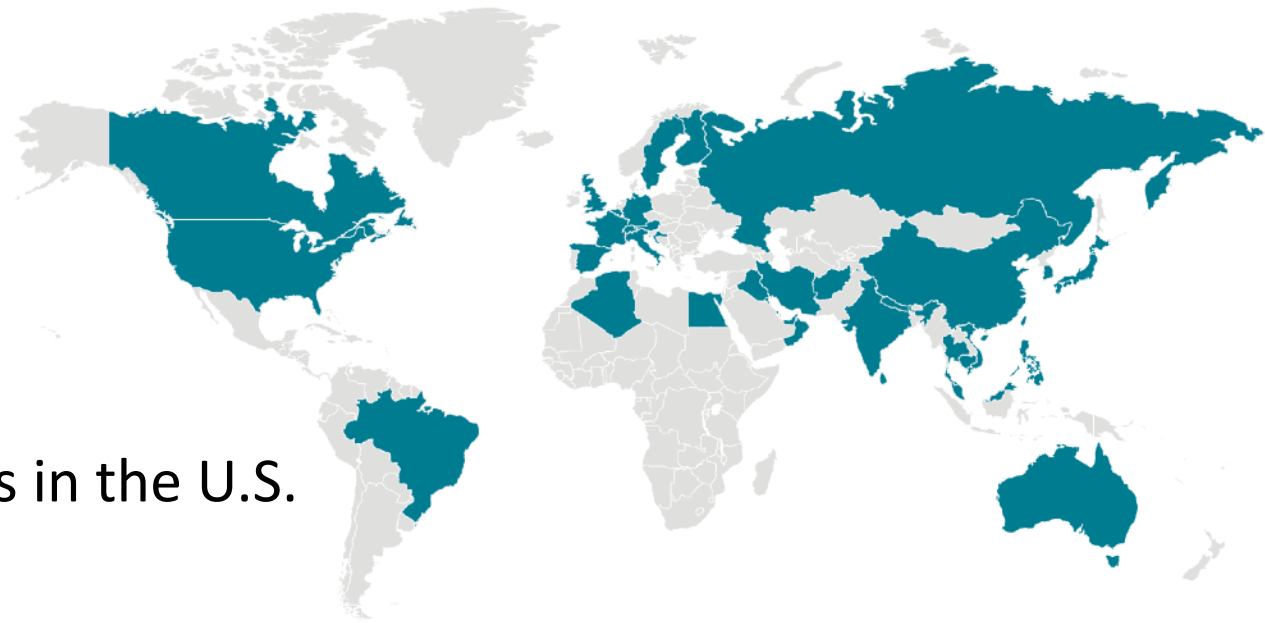


- Identified December 2019 in Wuhan, China
- Cluster of patients hospitalized with pneumonia related to animal markets
 - Bats most likely the reservoir
 - Transmitted from bats to wild animals
 - Jumped from wild animals to humans
 - Human to human transmission

Global Perspective (02/26/20)



- 80,239 cases worldwide
- 77,780 cases in China
 - 2,666 deaths
- Outside China
 - 2,459 cases
 - 33 countries
 - 34 deaths
- 15 confirmed cases in the U.S.
 - 0 Deaths
 - **No cases in Utah**



Transmission of COVID-19



- How does it spread?
 - Close person-to-person contact
 - Droplets
 - Six feet for a prolonged period of time
 - Infected Surfaces
 - “Fomites”
- Incubation period: 2-14 days
- Asymptomatic transmission?

Risk Factors



- History of travel from mainland China or areas where active disease is occurring in the last 14 days, or
- Close contact with a person who has COVID-19
- Mostly affecting older people and those with medical issues



Current Risk Assessment



- Increasing community spread in China and abroad
- Risk is depend on exposure
 - Current risk in Utah is **low**
- Likely to see community transmission in the US
- This virus has pandemic potential
- Good to prepare individually and as a community

Prevention



- Avoid non-essential travel, especially to areas where COVID-19 is widely circulating.
- Avoid close contact with people who are sick.
- Avoid touching your eyes, nose, and mouth.
- Stay home when you are sick.
- Wash your hands often with soap and water.

Prevention



- Cover your cough or sneeze with a tissue, then throw the tissue in the trash.
- Clean and disinfect frequently touched objects and surfaces using a regular household cleaning spray or wipe.

Masks



CDC does not recommend that people who are well wear a facemask to protect themselves from respiratory diseases, including COVID-19.

COVID-19 vs Influenza



| | COVID-19 | Influenza |
|-------------------|--|---|
| Cause | Caused by one virus, the novel 2019 coronavirus. | Caused by any of several different types and strains of influenza viruses. |
| Transmission | Human-to-human transmission through close contact with infected people. | Close contact with infected people or touching a surface that carries the virus. |
| Symptoms | <ul style="list-style-type: none">• Both cause fever, cough, body aches, fatigue; sometimes vomiting and diarrhea.• Can be mild or severe, even fatal in some cases.• Can result in pneumonia. | |
| Treatment/Vaccine | Currently none. Antiviral medications are currently being tested to see if they can address symptoms. | Annual vaccine. Antiviral medications can address symptoms and sometimes shorten the duration of the illness. |
| Prevention | Both may be prevented by frequent, thorough hand washing, coughing into the crook of your elbow, staying home when sick and limiting contact with people who are infected. | |

Public Health Actions



- Incident Command Structure
- Press events, website - health.utah.gov/coronavirus
- Educational materials
- Healthcare provider guidance
- Strategies
 - Identify
 - Isolate
 - Inform
- Implement community measures as situation evolves, i.e., school closures, cancelling community events





QUESTIONS??