

Basics of COVID-19

About COVID-19

COVID-19 (coronavirus disease 2019) is a disease caused by a virus named SARS-CoV-2 and was discovered in December 2019 in Wuhan, China. It is very contagious and has quickly spread around the world.

COVID-19 most often causes respiratory [symptoms](#) that can feel much like a cold, a flu, or pneumonia. COVID-19 may attack more than your lungs and respiratory system. Other parts of your body may also be affected by the disease.

- Most people with COVID-19 have mild symptoms, but some people become severely ill.
- Some people including those with minor or no symptoms may suffer from [post-COVID conditions](#) — or “long COVID”.
- Older adults and people who have [certain underlying medical conditions](#) are at increased risk of severe illness from COVID-19.
- Hundreds of thousands of people have died from COVID-19 in the United States.
- Vaccines against COVID-19 are [safe and effective](#). Vaccines teach our immune system to fight the virus that causes COVID-19.

About SARS-CoV-2, the virus that causes COVID-19

COVID-19 is caused by a virus called SARS-CoV-2. It is part of the coronavirus family, which include common viruses that cause a variety of diseases from head or chest colds to more severe (but more rare) diseases like severe acute respiratory syndrome (SARS) and Middle East respiratory syndrome (MERS).

Like many other respiratory viruses, coronaviruses spread quickly through droplets that you project out of your mouth or nose when you breathe, cough, sneeze, or speak.

The word corona means crown and refers to the appearance that coronaviruses get from the spike proteins sticking out of them. These spike proteins are important to the biology of this virus. The spike protein is the part of the virus that attaches to a human cell to infect it, allowing it to replicate inside of the cell and spread to other cells. Some antibodies can protect you from SARS-CoV-2 by targeting these spike proteins. Because of the importance of this specific part of the virus, scientists who [sequence the virus](#) for research constantly monitor mutations causing changes to the spike protein through a process called [genomic surveillance](#).

As genetic changes to the virus happen over time, the SARS-CoV-2 virus begins to form genetic lineages. Just as a family has a family tree, the SARS-CoV-2 virus can be similarly mapped out. Sometimes branches of that tree have different attributes that change how fast the virus spreads, or the severity of illness it causes, or the effectiveness of treatments against it. Scientists call the viruses with these changes “variants”. They are still SARS-CoV-2, but may act differently.

For more information about COVID-19 please visit the CDC website:

<https://www.cdc.gov/coronavirus/2019-ncov/index.html>

Vaccine Availability

The East Carroll Parish School District is partnering with our local healthcare providers and the Department of Health to get our students and staff vaccinated.

Although fewer children have been infected with COVID-19 compared to adults, children can:

- Be infected with the virus that causes COVID-19
- Get sick from COVID-19
- Spread COVID-19 to others
- Help protect your whole family by getting yourself and your children vaccinated against COVID-19.

The CDC recommends everyone 5 years and older should get a COVID-19 vaccination to help protect against COVID-19. Getting a COVID-19 vaccination can help protect your child from getting COVID-19.

To find a COVID Vaccine for your child:

- Check your local pharmacy or Walmart to see if vaccination walk-ins or appointment are available
- Check with your child’s healthcare provider about whether they offer COVID-19.
- Contact your state or local health department for more information.
- Search [vaccines.gov](https://www.vaccines.gov)
- Text your ZIP code to 438829
- Or call 1-800-232-0233

The East Carroll Parish Health Unit is participating in the SHOT for 100 vaccine incentive on Fridays from 9am-4pm. Anyone who receives their first dose of the vaccine will get a \$100 visa gift card.

Listing of all local COVID-19 vaccine providers. Please call to make an appointment.

East Carroll Parish Health Unit

407 Second Street

Lake Providence, LA 71254

318 559-2012 Ext. 500

East Carroll Parish Hospital

336 N Hood Street

Lake Providence, LA 71254

318-559-4023 Ext. 100

Express Rx of Lake Providence

302 Lake Street

Lake Providence, LA 71254

318-559-2433

Minsky Drug Store

405 Lake Street

Lake Providence, LA 71254

318-559-2400

Lake Providence Medical Clinic

319 N Hood Street

Lake Providence, LA 71254

318-559-1221