



## May 5, 2020

Dear Logan County Citizens:

Here are the latest updates on COVID-19 and Logan County Health District's response.

### Situation Update

As of May 5, 2020, there are 18 confirmed; 6 Probable; now 19 recovered cases of COVID-19 in Logan County Health District's jurisdiction. **Logan County has not had a positive case since April 24<sup>th</sup>!**

Our public health nurses continue to monitor Covid-19 and trace contacts of any positive cases. This is a very time-consuming activity. If interested in volunteering, please contact Kelly Reaver at 937-651-6197. The nurses continue to evaluate potential need for testing and providing education to the public and local providers through the call center.

The Health Commissioner and Environmental Health Director released guidance for businesses to ensure safety measures are in place as they begin re-opening when the Governor allows. We are receiving a lot of calls from businesses and frustrated consumers who want to resume, as well as concerned citizens who desire more safety measures.

Good news! As other businesses are re-opening, so are the services at LCHD. Our office hours are returning to 8:30-4 Monday through Friday beginning Monday, May 4, 2020.

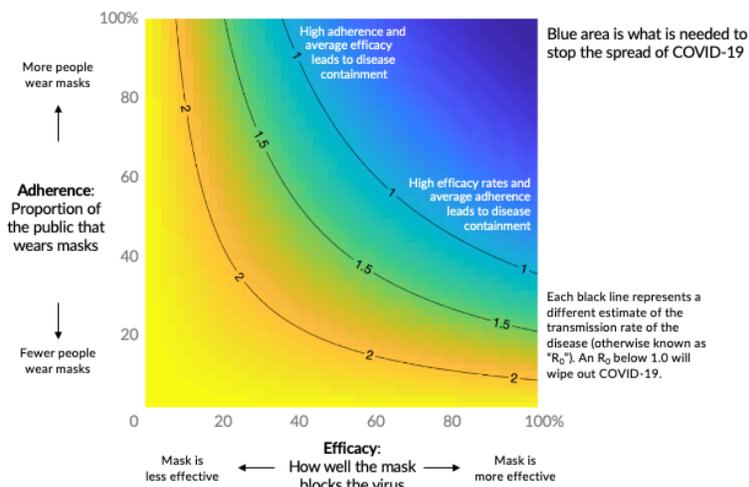
- Birth & death records requests will be accepted in person via our walk-up window from 8:30-4 Monday – Friday. Records may still be requested via telephone by calling (937) 592-9040 or via the drop box with payment of exact change.
- Information on birth & death records requests, water samples and more will remain available online at [www.loganhealth.org](http://www.loganhealth.org) and inside our front door.
- Environmental services such as wells, septic, plumbing, water samples, food service, parks, camps, pools, etc. will continue to be offered but please expect some delays. Contact us at (937) 592-9040 or e-mail [LCHD@loganhealth.org](mailto:LCHD@loganhealth.org).
- Nursing services remain focused on efforts surrounding COVID-19. For available services and records requests, please call (937) 592-9040.
- Narcan classes are still available online: [www.loganhealth.org/narcan](http://www.loganhealth.org/narcan)
- Logan County WIC is still open! Visits will continue to be curbside until further notice. Please call (937) 599-3345 before coming and when you arrive.

**Message from the Health Commissioner:** The Director's order states that all employees in offices and businesses must wear a mask (when not 6-foot distancing). Customers are encouraged to wear a mask, and businesses may require customers to wear masks.

There are many types of masks. N95 and similar types are quite efficient in preventing viruses getting to the wearers mouth and nose. Surgical type masks are fairly good at preventing the wearer from spreading his virus to those around him. Many of the home-made cotton masks do very little to prevent virus from getting in, but do work decent at preventing virus from spreading far, as does coughing into your sleeve.

**Conclusion:** masks of any type are best at preventing the wearer from spreading the virus. Specialized masks are necessary to protect the wearer from being infected.

### If most people wear a mask in public, the transmission rate can entirely stop the spread of COVID-19



The science around the use of masks by the general public to slow or stop the transmission of COVID-19 is advancing rapidly. Based on mathematical models of how the disease is spread from person to person, Tian Liang and a team of researchers at the HKBU COVID-19 Modeling Group at Hong Kong Baptist University estimated how face masks could slow or stop the spread of COVID-19.

The standard epidemiological measure of spread is known as the “reproduction number” or  $R_0$  and measures the number of cases infected by one person infected with a disease. They estimate that wearing masks reduces the  $R_0$ , and if more people wore masks and those masks blocked the virus, the spread of the disease would be slowed or even stopped.

Source: L Tian, et al., “Calibrated Intervention and Containment of the COVID-19 Pandemic” (2020), <https://arxiv.org/abs/2003.07353>, page 10 of the Supplementary Materials. Also see Howard et al. “Face Masks Against COVID-19: An Evidence Review,” *Preprints* 2020, <https://www.preprints.org/manuscript/202004.0203/v1>.

Graphic created by Jonathan Schwabish, @jschwabish

The assumed spread of COVID ( $R_0=2.3$ ) is one person spreads to 2.3 people. It is likely higher. If the mask is 60% efficient at preventing virus egress, and 80% of people wear it, the virus spread enters the blue zone of NO spread. That scenario is unlikely but does illustrate how much mask-wearing can slow this down.

**Anyone who wants to donate handmade cloth masks for Logan County citizens who are not able to obtain one can drop them at the Health District.**

## Other News to Know

### Community Resources

- Ohio Sector Specific Requirements for opening - <https://coronavirus.ohio.gov/wps/portal/gov/covid-19/responsible-restart-ohio/Sector-Specific-Operating-Requirements/>
- LCHD Business Reopening Plan - <https://loganhealth.org/prod/wp-content/uploads/2020/04/Recovery-Instructions-and-diagram-for-Business.pdf>
- Schools, Graduation - <http://education.ohio.gov/Topics/Student-Supports/Coronavirus/Graduation-and-Recognition-Ceremonies>
- Garage Sales - <https://loganhealth.org/prod/wp-content/uploads/2020/04/COVID-19-Garage-Sales.pdf>
- Cloth face covers - <https://www.cdc.gov/coronavirus/2019-ncov/prevent-getting-sick/diy-cloth-face-coverings.html>

### State Updates

State Health Director Dr. Amy Acton has issued a Stay Safe Ohio Order for all Ohioans from May 1 until 11:59 pm on May 29, 2020, that reopens businesses, with exceptions, and continues a stay healthy and safe at home order. To learn more about the latest information from the state visit [www.coronavirus.ohio.gov](http://www.coronavirus.ohio.gov).

## What You Can Do

- **Stay home if you are sick and isolate yourself from others in your household.**
- **Wear Your Mask!** This will protect others should we have the coronavirus and unknowingly infect others.
- **Follow the usual steps that help prevent the spread of illness and the flu.** Wash your hands with soap and water for at least 20 seconds, cover coughs and sneezes with your arm or inner elbow, avoid close contact with people who are sick, and stay home when you are sick.

## Learn More about COVID-19

This situation is rapidly evolving. Please continue to refer to the following resources for the most accurate and current information:

- [Centers for Disease Control and Prevention](#)
- [Ohio Department of Health](#)
- [www.loganhealth.org](http://www.loganhealth.org)

## Questions

For questions, contact Logan County Health District at 937-592-9040 Option 1 or email us at: [LCHD@loganhealth.org](mailto:LCHD@loganhealth.org)