

## COVID-19 Daily Situational Update for HSC

15 May 2020

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### COVID-19 At-a-Glance

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Statistics – reported data available as of 15 May, 0805 EST

	Total Cases	Total New Cases	Total Deaths	Total New Deaths	Transmission
<b>Global</b> <i>WHO</i> <i>JHU CSSE</i>	4,248,389* 4,444,670*	77,965* Over 90,000	292,046 302,493	4,647 Over 4,000	See <a href="https://bit.ly/35ZuOIX">https://bit.ly/35ZuOIX</a>
<b>United States</b> <i>CDC</i> <i>WHO</i> <i>JHU CSSE</i>	1,384,930‡ 1,340,098* 1,417,889*	20,869‡ 18,044 Over 20,000	83,947 80,695 85,906	1,701 1,061 Over 1,500	<i>From CDC -</i> Travel-related: 6,814 Close contact: 14,728 Under investigation: 611,006
<b>Ohio</b> <i>ODH</i>	24,800*	555*	1,388*	41*	NR
<b>Michigan</b> <i>MDHHS</i>	49,582*	1,191*	4,787	73	NR
<b>Toledo-Lucas County</b> <i>ODH &amp; T-LC</i> <i>Health Dept.</i>	1,738*	41*	163*	13*	NR

\* confirmed cases

‡ confirmed AND presumptive positive cases

NR not reported

**Note: numbers may differ due to agency reporting times**

Track COVID-19 in real-time with the Johns Hopkins COVID-19 Map (JHU CSSE):

<https://coronavirus.jhu.edu/map.html>

### News from the Literature

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Below are selections from the recent literature on COVID-19.

For a real-time, updated list of the latest articles in PubMed and links to resources for COVID-19 literature, see the **University Libraries COVID-19 LibGuide**: <http://libguides.utoledo.edu/cvd19>.

#### **Study on T cell and antibody responses in COVID-19 cases**

- Grifoni A et al. Targets of T cell responses to SARS-CoV-2 coronavirus in humans with COVID-19 disease and unexposed individuals. *Cell*. 2020 May 14. <https://doi.org/10.1016/j.cell.2020.05.015>

#### **SARS-CoV-2 seroconversion in health care workers and patients interacting in a pediatric dialysis unit**

- Hains DS et al. Asymptomatic seroconversion of immunoglobulins to SARS-CoV-2 in a pediatric dialysis unit. *JAMA*. 2020 May 14. <https://doi.org/10.1001/jama.2020.8438>

#### **Study uses laser light scattering method to detect speech droplet emission**

- Stadnytskyi V et al. The airborne lifetime of small speech droplets and their potential importance in SARS-CoV-2 transmission. *Proc Natl Acad Sci U S A*. 2020 May 13. <https://doi.org/10.1073/pnas.2006874117>

## Clinical Trials

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- 1,450+ listed clinical trials related to COVID-19:  
<https://clinicaltrials.gov/ct2/results?cond=COVID-19>

## Updates from Ohio Governor Mike DeWine and ODH Director Amy Acton, MD, MPH

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- [View all press conference slides from 24 March to present](#)
- 14 May 2020 – [COVID-19 Updates](#) – New Responsible RestartOhio Opening Dates

## Data Sources

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- Centers for Disease Control and Prevention. (14 May 2020). COVID-19, Cases in U.S. <https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html>
- Johns Hopkins University Center for Systems Science and Engineering. (15 May 2020). Coronavirus COVID-19 Global Cases. COVID-19 Map. <https://coronavirus.jhu.edu/map.html>
- Michigan Department of Health and Human Services (14 May 2020). COVID-19 (Daily Confirmed Cases and Cumulative Data). <https://www.michigan.gov/coronavirus>
- Ohio Department of Health. (14 May 2020). COVID-19. <https://coronavirus.ohio.gov/wps/portal/gov/covid-19/>
- Toledo-Lucas County Health Department. (14 May 2020). Coronavirus Information. <https://lucascountyhealth.com/coronavirusupdates/>
- World Health Organization. (15 May 2020). COVID-19, Situation Dashboard. <https://experience.arcgis.com/experience/685d0ace521648f8a5beeeee1b9125cd>
- World Health Organization. (14 May 2020). COVID-19, Situation Report 114. [https://www.who.int/docs/default-source/coronaviruse/situation-reports/20200514-covid-19-sitrep-115.pdf?sfvrsn=3fce8d3c\\_6](https://www.who.int/docs/default-source/coronaviruse/situation-reports/20200514-covid-19-sitrep-115.pdf?sfvrsn=3fce8d3c_6)

## For More Information

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Reference Librarians from Mulford Library are working remotely.

Mulford Reference Assistance  
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