

## COVID-19 Daily Situational Update for HSC

22 May 2020

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### COVID-19 At-a-Glance

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Statistics – reported data available as of 22 May, 0745 EST

	Total Cases	Total New Cases	Total Deaths	Total New Deaths	Transmission
<b>Global</b> <i>WHO</i> <i>JHU CSSE</i>	4,893,186* 5,127,612*	103,981* Over 100,000	323,256 333,382	4,467 Over 4,000	See <a href="https://bit.ly/3cZdUNa">https://bit.ly/3cZdUNa</a>
<b>United States</b> <i>CDC</i> <i>WHO</i> <i>JHU CSSE</i>	1,551,095‡ 1,501,876* 1,577,758*	22,860‡ 24,417 Over 20,000	93,061 90,203 94,729	1,397 932 Over 1,000	NR
<b>Ohio</b> <i>ODH</i>	28,174*	657	1,653*	50	NR
<b>Michigan</b> <i>MDHHS</i>	53,510*	501*	5,129	69	NR
<b>Toledo-Lucas County</b> <i>ODH &amp; T-LC</i> <i>Health Dept.</i>	1,904*	22	178	1	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 of morphologic and molecular changes in lungs of patients (n=7) who died from COVID-19***

- Ackermann M et al. Pulmonary vascular endothelialitis, thrombosis, and angiogenesis in Covid-19. *N Engl J Med*. 2020 May 21. <https://doi.org/10.1056/nejmoa2015432>

#### ***Cross-sectional study of self-reported symptoms of health care workers who tested positive for SARS-CoV-2 (n=86)***

- Kluytmans-van den Bergh MFQ et al. Prevalence and clinical presentation of health care workers with symptoms of coronavirus disease 2019 in 2 Dutch hospitals during an early phase of the pandemic. *JAMA Netw Open*. 2020 May 21. <https://doi.org/10.1001/jamanetworkopen.2020.9673>

#### ***Review of evidence on COVID-19 transmission, symptoms, and mortality in older adults***

- Shahid Z et al. COVID-19 and older adults: What we know. *J Am Geriatr Soc*. 2020 May;68(5):926-929. <https://doi.org/10.1111/jgs.16472>

## Clinical Trials

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- 1,650+ 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](#)

## Data Sources

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- Centers for Disease Control and Prevention. (21 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. (22 May 2020). Coronavirus COVID-19 Global Cases. COVID-19 Map. <https://coronavirus.jhu.edu/map.html>
- Michigan Department of Health and Human Services (21 May 2020). COVID-19 (Daily Confirmed Cases and Cumulative Data). <https://www.michigan.gov/coronavirus>
- Ohio Department of Health. (21 May 2020). COVID-19. <https://coronavirus.ohio.gov/wps/portal/gov/covid-19/>
- Toledo-Lucas County Health Department. (21 May 2020). Coronavirus Information. <https://lucascountyhealth.com/coronavirusupdates/>
- World Health Organization. (22 May 2020). COVID-19, Situation Dashboard. <https://experience.arcgis.com/experience/685d0ace521648f8a5beeee1b9125cd>
- World Health Organization. (21 May 2020). COVID-19, Situation Report 122. [https://www.who.int/docs/default-source/coronaviruse/situation-reports/20200521-covid-19-sitrep-122.pdf?sfvrsn=24f20e05\\_2](https://www.who.int/docs/default-source/coronaviruse/situation-reports/20200521-covid-19-sitrep-122.pdf?sfvrsn=24f20e05_2)

## For More Information

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Reference Librarians from Mulford Library are working remotely.

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