Situation Report: 2019-Novel Coronavirus (COVID-19)

Situation Report:	#5
Date of Issue:	3/11/2020
Time Period	3/4/2020 through 3/11/2020
Time Issued:	1615 hours
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Sent to:	Hamilton County EMHSA

Current Situation:

Hamilton County Public Health (HCPH), the Ohio Department of Health (ODH), Centers for Disease Control and Prevention (CDC) and World Health Organization are closely monitoring an outbreak of respiratory illness caused by a novel (new) coronavirus (termed "COVID-19") first identified in Wuhan City, Hubei Province, China in December 2019 and which continues to expand.

The outbreak that began in Wuhan, Hubei Province, has now spread throughout China and to 101 other countries and territories, including the United States. As of March 8, 2020, there were more than 105,000 cases reported globally. In addition to sustained transmission in China, there is now community spread in several additional countries. CDC has updated travel guidance to reflect this information (https://www.cdc.gov/coronavirus/2019-ncov/travelers/index.html).

HCPH Update:

- HCPH participated in one statewide ODH conference calls to discuss the COVID-19 response efforts throughout the state.
- On 3/2 and 3/11, HCPH's Interim Health Commissioner briefed the County Commissioners on the current situation of the COVID-19 Response.
- On 3/4/20, HCPH provided COVID-19 information (Strategies to Prevent Exposure to Novel Coronaviruses and Seasonal Influenza) to Hamilton County elected officials.
- On 3/4/20, HCPH distributed SitRep #4 to various preparedness partners, such as our POD Network.
- On 3/4/20 and 3/6/20, HCPH Epidemiological staff trained agency staff who have volunteered to conduct "Contact Tracing" in the event Epi staff are overwhelmed with conducting contact training for multiple Persons Under Investigation for COVID-19.
- On 3/5/20, HCPH's Interim Health Commissioner, Director of Epidemiology and Director of Nursing attended the "Governor's Summit on COVID-19 Preparedness" in Columbus, OH.
- On 3/6/20, HCPH participated in a COVIS-19 planning meeting with Hamilton County Emergency Management & Homeland Security Agency (EMHSA).

- On 3/6/20, HCPH forwarded ODH's call center phone number to its preparedness partners.
- On 3/6/20, HCPH forwarded ODH guidance on COVID-19 prevention at long term care (LTC) facilities to all of its LTC, skilled nursing, hospice and home health agency point of dispensing sites and to SW Ohio Council on Aging.
- On 3/7/20, HCPH participated in two statewide ODH conference calls to discuss how ODH laboratory testing will be prioritized.
- On 3/9/20, HCPH's Interim Health Commissioner provided a COVID-19 update to its District Advisory Council members (village and township administrators within HCPH's service jurisdictions).
- On 3/9/20, HCPH participated in a national conference call to discuss COVID-19 response activities.
- On 3/9/20, HCPH conducted a briefing and discussion with Chief Medical Officers.
- On 3/10/20, HCPH sent out guidance to long-term care facilities and the Southwest Ohio Council on Aging entitled "Updated Guidance for Infection Control and Prevention of COVID-19".
- On 3/10/20, HCPH conducted a briefing with Hamilton County Superintendents.
- HCPH briefed the county administrator and leadership from the County Sheriff's office and juvenile detention center.
- As necessary, HCPH Epidemiologists conducted twice daily monitoring of residents residing in HCPH service jurisdictions who have traveled back from China and under the 14-day self-quarantine guidelines, as directed by ODH.
- If necessary, HCPH Epidemiologists are interviewing and tracking potential Persons Under Investigation (PUI) in its service jurisdictions.
- HCPH will continue to coordinate efforts with ODH and CDC.
- HCPH completed drafting its COVID-19 Response Plan.
- HCPH's incident management team meets following the ODH statewide conference calls. The incident management team includes the Interim Health Commissioner, Assistant Health Commissioner, Director of Nursing, Director of Disease Prevention, Director of Epidemiology, Senior Epidemiologist, Public Information Officer and the Emergency Response Coordinator.
- HCPH will continue updating its website on an as-needed basis with COVID-19 information.
- HCPH continues to monitor all sources (ODH, CDC, WHO, etc.) for the latest COVID-19 information.
- HCPH continues to respond to all media requests.
- HCPH continues to monitor the need for opening an informational hotline if needed.
- As necessary, HCPH will share the situational report with other regional local health departments and the Greater Cincinnati Healthcare Coalition.

Upcoming HCPH Activities:

- Continue updating community and preparedness partners with updated COVID-19 guidance.
- County Prosecutor to participate in statewide ODH conference call on 3/12/20 to discuss legal questions surrounding COVID-19.
- Participate in a Hamilton County EMHSA-sponsored Continuity of Operations Workshop with county agencies on 3/13/20.

Ohio Department of Health Update:

- For the latest ODH updates on COVID-19, please click on this link.
- **COVID-19 is a Class A reportable infection. Immediately report potential cases to the Southwest Ohio Infectious Disease Call Center at 877-774-4636 or contact your local health jurisdiction directly.**

> **ODH has opened a call center to answer questions regarding COVID-19. The call center will be open 7 days a week from 9:00 a.m. to 8:00 p.m. and can be reached at 1-833-4-ASK-ODH (1-833-427-5634).**

- Director Acton announces Ohio's first three positive cases of COVID-19 with Governor Mike DeWine. Watch Press Conference Here: http://ohiochannel.org/video/governor-mike-dewine-3-9-2020-covid-19-update
- On 3/11/20, ODH announced the first community spread case of COVID-19.
- ODH opened a call center on 3/6/20 to answer questions regarding COVID-19. The call center will be open 7 days a week from 9:00 a.m. to 8:00 p.m. and can be reached at 1-833-4-ASK-ODH (1-833-427-5634).
- ODH Laboratory is now capable of testing for COVID-19. ODH received a lab kit containing enough supplies for 1000 tests. About 100-150 of those tests will be used for lab to conduct quality assurance testing of its equipment. Each sample that is sent to ODH takes 2-3 tests for analysis, so in theory, ODH has the current capability to test 300-400 people for COVID-19.

- On 3/9/20, ODH sent out a Health Alert Network (HAN) message regarding prompt and immediate testing of specimens.
- On 3/8/20, ODH issues an additional HAN entitled "Updated Guidance on Evaluating and Testing Persons for COVID-19".
- On 3/7/20, ODH hosted 2 statewide conference calls to discuss how ODH will be prioritizing samples sent to the lab for COVID-19 testing.
- On 3/7/20, ODH updated its testing guidance. ODH created a testing algorithm to assist providers with decision-making.
- On 3/5/20, ODH issued an order prohibiting general spectator attendance for the Arnold Sports Festival.

- ODH continues to hold state-wide calls to share information with local health departments and other response organizations.
- CDC continues to emphasize person-to-person spread has occurred under close contact with infected individuals; there is no community spread.
- Healthcare workers caring for confirmed cases may have risk. However, risk to the public is low.
- Local health departments should track their time and effort during the response.
- ODH continues to update COVID-19 information on its website and in OPHCS.

Ohio COVID-19 Statistics:

Ohio Confirmed Cases: 4
Ohio Deaths: 0
Ohio Person(s) Under Investigation: 5
Negative PUIs in Ohio: 11
Ohio Persons Under Public Health Supervision (14-day self-quarantine): 255

CDC Update (Situation in the US):

CDC is closely monitoring an outbreak of respiratory illness caused by a novel (new) coronavirus named COVID-19. The outbreak first started in Wuhan, China, but cases have been identified in a growing number of other international locations, including the United States. The United States reported the first confirmed instance of person-to-person spread with this virus on January 30, 2020.

CDC COVID-19 Statistics:

Worldwide Confirmed Cases: 121,656 (link)
Worldwide Deaths: 4,382 (95% are in China)
Recovered: 66,943
U.S. Cases: 1,016
U.S. Deaths: 31
States Reporting Cases: 36

NOTE *– Of those that get COVID-19, ~80% are mild condition*
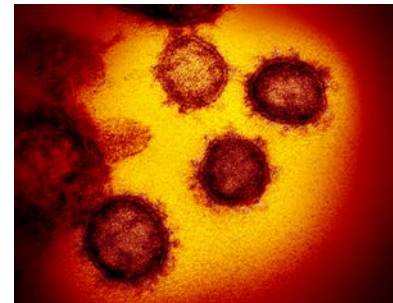
COVID-19 Fatality Rate by AGE:

*Death Rate = (number of deaths / number of cases) = probability of dying if infected by the virus (%). This probability differs depending on the age group. The percentage shown below does NOT represent in any way the share of deaths by age group. Rather, it represents, for a person in a given group, the risk of dying if infected with COVID-19.

AGE	DEATH RATE* Confirmed cases	DEATH RATE* All cases
80+ years old	21.9%	14.8%
70-79 years old		8.0%
60-69 years old		3.6%
50-59 years old		1.3%
40-49 years old		0.4%
30-39 years old		0.2%
20-29 years old		0.2%
10-19 years old		0.2%
0-9 years old		No fatalities

CDC Response Updates:

- Visit the CDC website for more information.
- On 3/9/20, CDC sent out a HAN message regarding "Updated Guidance on Evaluating and Testing Persons for COVID-19."
- CDC established a COVID-19 Incident Management System on January 7, 2020. On January 21, CDC activated its Emergency Operations Center to better provide ongoing support to the COVID-19 response.
- The U.S. government has taken unprecedented steps with respect to **travel** in response to the growing public health threat posed by this new coronavirus:
  - On February 2, the U.S. government suspended entry of foreign nationals who have been in China within the past 14 days.
    - U.S. citizens, residents, and their immediate family members who have been in Hubei province and other parts of mainland China are allowed to enter the United States, but they are subject to health monitoring and possible quarantine for up to 14 days.
  - On February 29, the U.S. government announced it was suspending entry of foreign nationals who have been in Iran within the past 14 days.
  - CDC has issued the following travel guidance related to COVID-19.
- CDC has issued clinical guidance , including:
  - On January 30, CDC published guidance for healthcare professionals on the clinical care of COVID-19 patients .
  - On February 3, CDC posted guidance for assessing the potential risk for various exposures to COVID-19 and managing those people appropriately.
  - On February 27, CDC updated its criteria to guide evaluation of persons under investigation for COVID-19.
  - On February 28, CDC issued a Health Alert Network (HAN): Update and Interim Guidance on Outbreak of COVID-19 .
- CDC has deployed multidisciplinary teams to support state health department case identification, contact tracing, clinical management, and public communications.

- CDC has worked with the Department of State, supporting the safe return of Americans who have been stranded as a result of the ongoing outbreaks of COVID-19 and related travel restrictions. CDC has worked to assess the health of passengers as they return to the United States and provided continued daily monitoring of people who are quarantined.

CDC Recommendations:

- o Everyone can do their part to help us respond to this emerging public health threat: It's currently flu and respiratory disease season and CDC recommends getting a flu vaccine, taking everyday preventive actions to help stop the spread of germs, and taking flu antivirals if prescribed.
  - o If you are a healthcare provider, be on the look-out for:
    - People who recently traveled from China or another affected area and who have symptoms associated with COVID-19, and
    - People who have been in close contact with someone with COVID-19 or pneumonia of unknown cause. (Consult the most recent definition for patients under investigation [PUIs].)
  - o If you are a healthcare provider or a public health responder caring for a COVID-19 patient, please take care of yourself and follow recommended infection control procedures.
  - o If you are a close contact of someone with COVID-19 and develop symptoms of COVID-19, call your healthcare provider and tell them about your symptoms and your exposure.
- If you are a resident in a community where person-to-person spread of COVID-19 has been detected and you develop COVID-19 symptoms, call your healthcare provider and tell them about your symptoms.
- For people who are ill with COVID-19, but are not sick enough to be hospitalized, please follow CDC guidance on how to reduce the risk of spreading your illness to others. People who are mildly ill with COVID-19 are able to isolate at home during their illness.
- If you have been in China or another affected area or have been exposed to someone sick with COVID-19 in the last 14 days, you will face some limitations on your movement and activity for up to 14 days. Please follow instructions during this time. Your cooperation is integral to the ongoing public health response to try to slow spread of this virus.

World Health Organization Update:

- For the latest World Health Organization updates on COVID-19, please click on this link. The website has a lot of information, such as:
  - o How to protect yourself
  - o Questions and Answers
  - o Travel Advice
  - o Situation Reports