

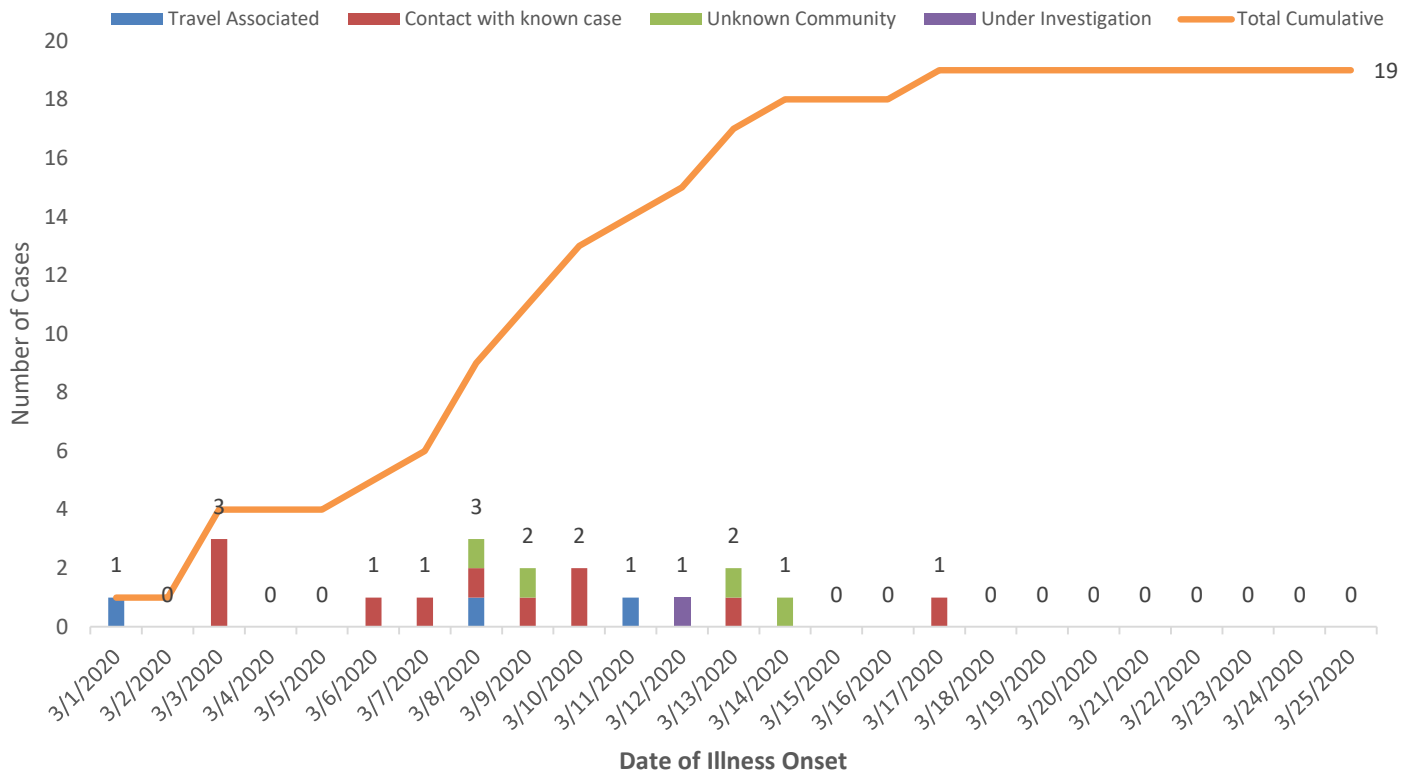
## Butler County General Health District COVID-19 Update (3/25/2020)

### COVID-19 Cases\*

Butler County Residents, 2020

<b>Total # of Confirmed Cases:</b>	19*
<b>Total Number of Deaths:</b>	0
<b>First Case Reported:</b>	3/13/2020
<b>Last Case Reported (so far):</b>	3/25/2020
<b>Age Range:</b>	1-78
<b>Median Age:</b>	42
<b>Average Age:</b>	46.2
<b>High Risk:</b>	7
<b>Hospitalizations:</b>	4 (100% High Risk)
<b>Incidence Rate:</b>	5 per 100,000

**Figure 1. Confirmed cases of COVID-19 in Butler County by illness onset date**



**\*All figures and data** show all “confirmed” COVID-19 cases in Butler County as of 1200 EDT 03/25/2020. **This should not be assumed to be the total disease burden in Butler County.** These are only those that have been laboratory confirmed by public or private laboratories. Due to delays in reporting, the numbers of confirmed cases on Figure 1 are subject to change between reports and confirmed case counts are likely to increase.

\*Data is provisional – only confirmed COVID-19 cases are included in counts. Report reflects time period since the introduction of SARS-CoV-2 into humans, measured in days. Data accessed from the Ohio Disease Reporting System (ODRS) on 03/25/2020.

# Total Confirmed\* COVID-19 Cases – Demographic Information

Butler County Residents, 2020  
(as of 1200 EDT 03/25/2020)

Table 1: Total Confirmed-Cases* by Municipality or Township		
City/Township	Number of Cases	% of Confirmed Cases
Liberty Township	9	47.4%
West Chester	6	31.6%
Fairfield City	1	5.3%
Fairfield Township	1	5.3%
Middletown City	1	5.3%
Hamilton City	1	5.3%
Butler County (inclusive)	19	100%

Table 2. Confirmed Tests by Laboratory Type	
Ohio Department of Health Laboratory	Private Laboratory
5	14

Table 3. Cases Recovered in Butler County**	
Cases Recovered	8
Range (length until recovery in days)	11-24
Median (length until recovery in days)	16.5

Table 4. Laboratory Statistics of Collection	
Positive Lab Tests	19
Range (length until results in days)	0-12
Median (length until results in days)	6

\*\*Recovery is based on the recommendations by the Centers for Disease Control and Prevention (CDC) which recommend the lifting of home isolation after a minimum of 7 days after the onset of symptoms **and** 72 hours with the resolution of fever without medication **and** the marked improvement of all symptoms. **This should not be assumed to be the total amount of individuals in the county of have developed COVID-19 and recovered, only those who have been laboratory confirmed.**

Table 5. Confirmed cases by exposure type				
Contact with Known Case	Unknown	Community Transmissin	Travel-associated	Under investigation
11		4	3	1

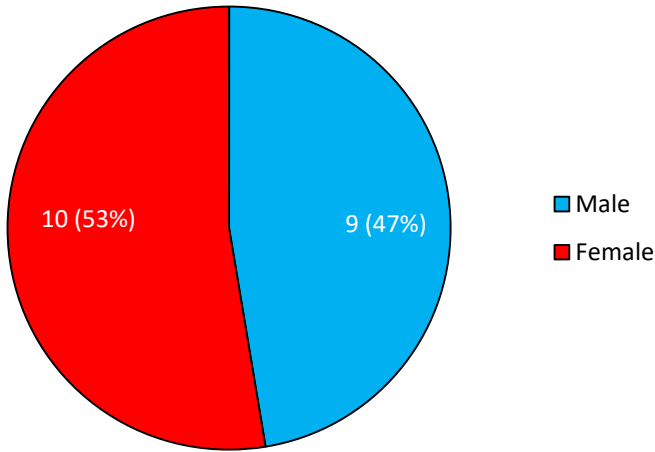
The current criteria for testing in the Ohio Department of Health’s laboratory is as follows:

- Patient has fever and signs/symptoms of lower respiratory illness, (e.g., cough or shortness of breath) **AND** is either a healthcare worker with direct patient care or in a public safety occupation (e.g., law enforcement, fire fighter, EMS) **AND** has had close contact with laboratory-confirmed COVID-19 patient with 14 days of symptom onset.
- Patient has fever and signs/symptoms of lower respiratory illness, (e.g., cough or shortness of breath) **AND** is a resident of a long-term care facility (LTCF) **AND** is hospitalized.
- Patient has fever with severe acute lower respiratory illness (e.g., pneumonia, ARDS as evidenced by imaging) **AND** is hospitalized **AND** the healthcare provider has a high clinical suspicion of COVID-19 after thorough evaluation (i.e., no alternative plausible diagnosis).
- Other special circumstances where there is a requirement for prompt receipt of results such as patients involved in an illness cluster in a facility group (e.g., healthcare, corrections).

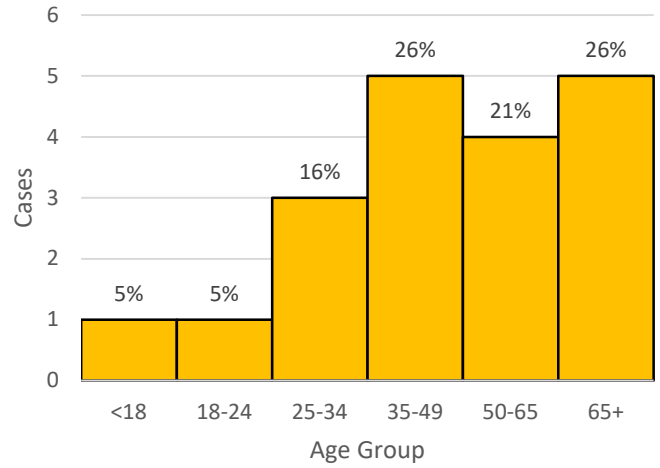
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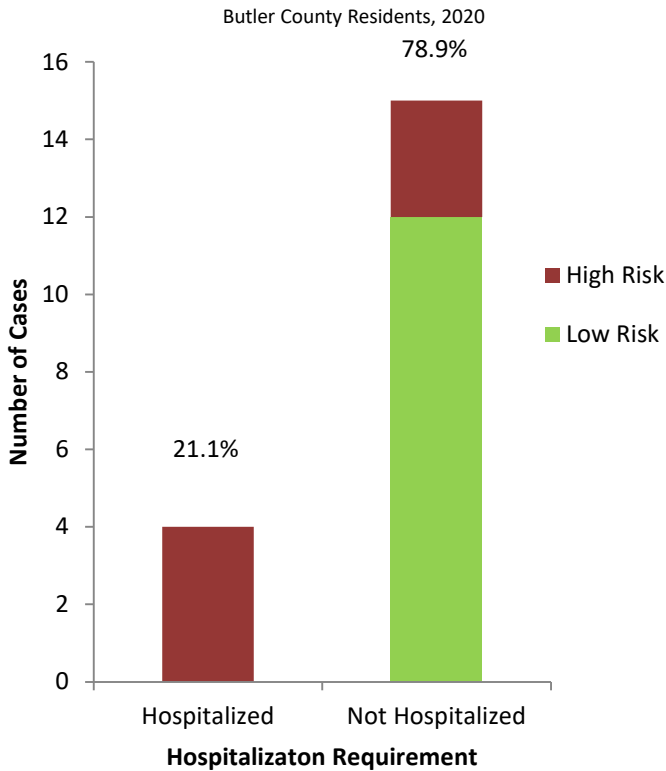
**Figure 3. Confirmed Cases of COVID-19 by Sex**  
Butler County Residents, 2020



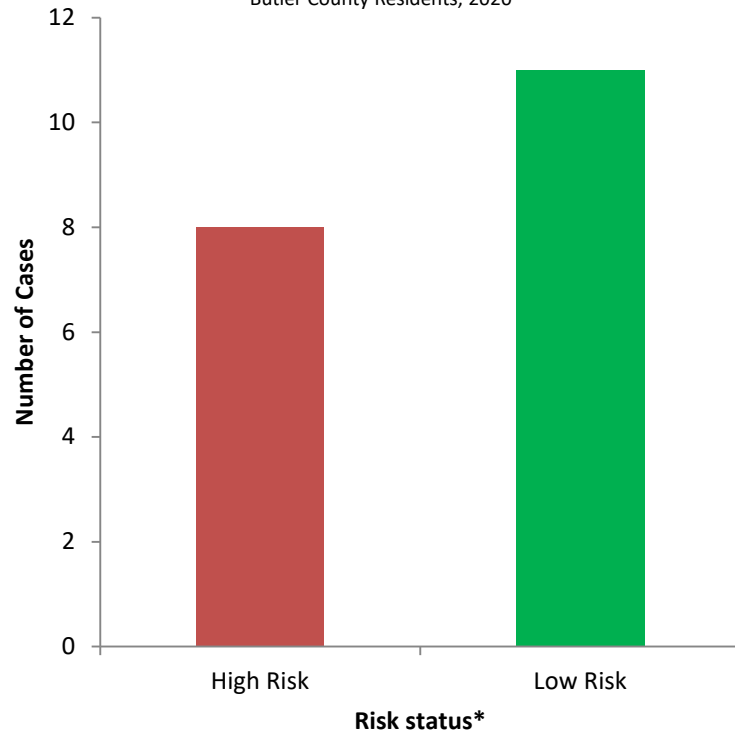
**Figure 4. Total Confirmed Cases by Age Group**  
Butler County Residents, 2020



**Figure 5. Confirmed Cases of COVID-19 by Hospitalization requirement**  
Butler County Residents, 2020



**Figure 6. Confirmed COVID-19 Cases by risk**  
Butler County Residents, 2020



**(Underlying Health Conditions or Older than 65)**

\*High risk status does not necessarily make one more susceptible to transmission, but does increase the likelihood of a more severe illness

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