

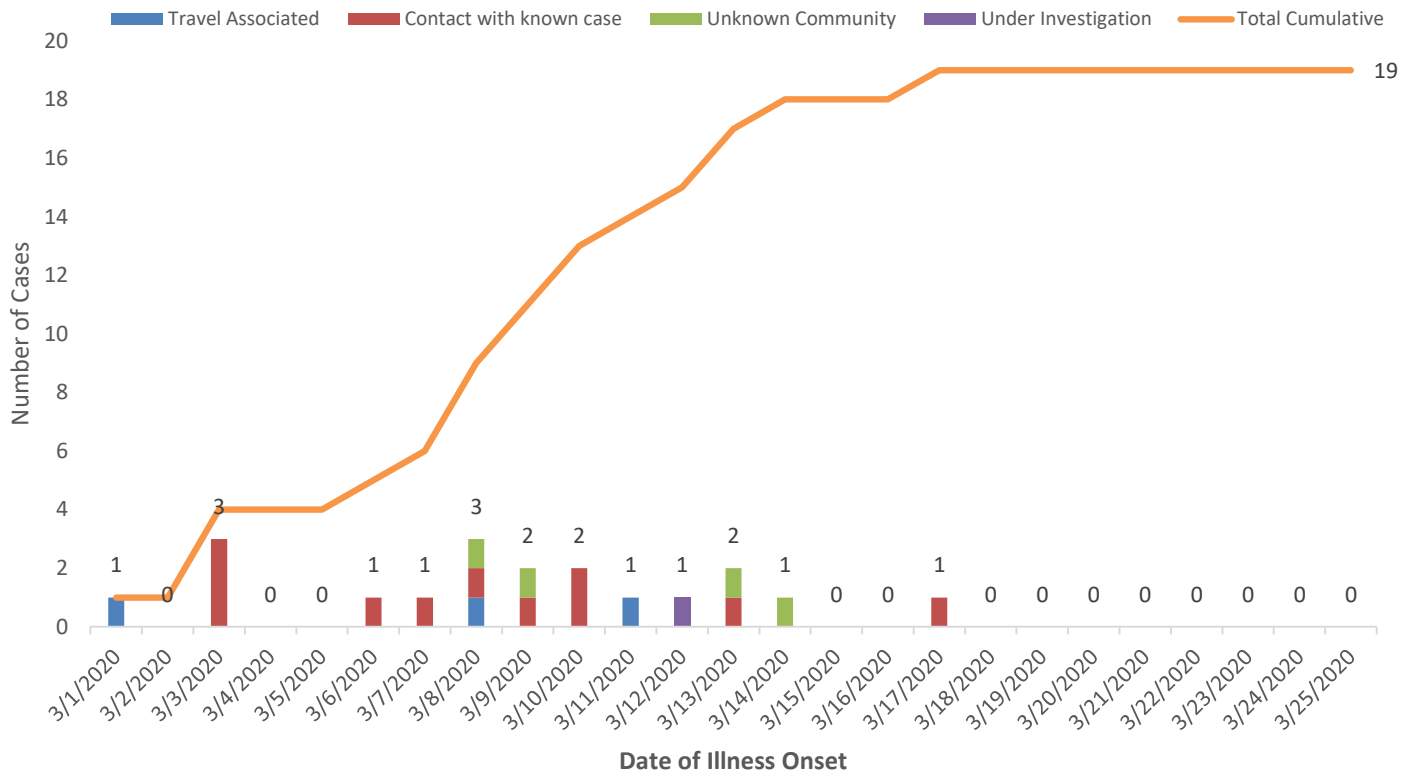
Butler County General Health District COVID-19 Update (3/25/2020)

COVID-19 Cases*

Butler County Residents, 2020

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

***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.

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

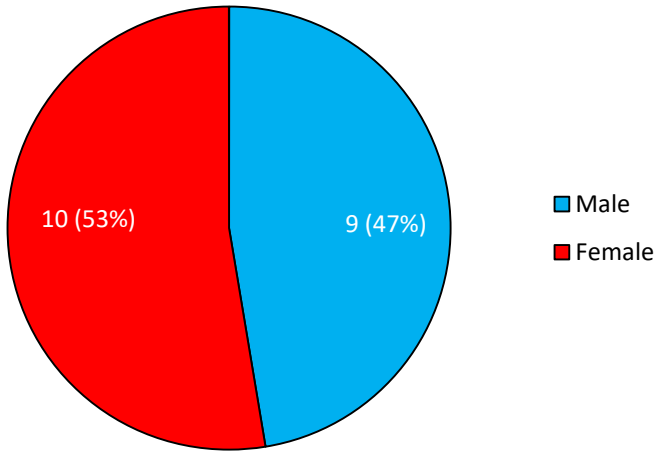


Figure 4. Total Confirmed Cases by Age Group
Butler County Residents, 2020

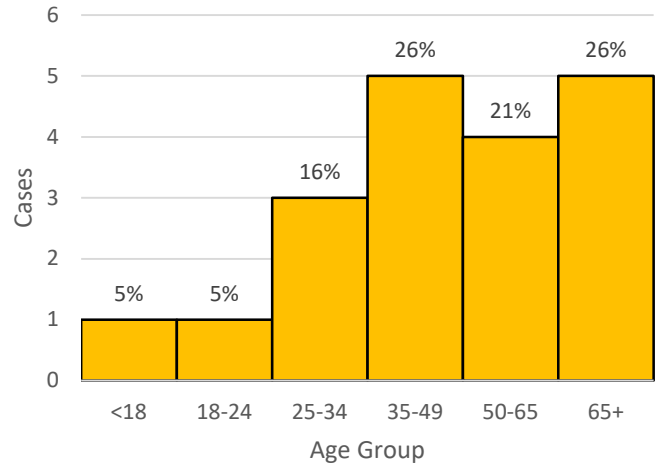


Figure 5. Confirmed Cases of COVID-19 by Hospitalization requirement

Butler County Residents, 2020

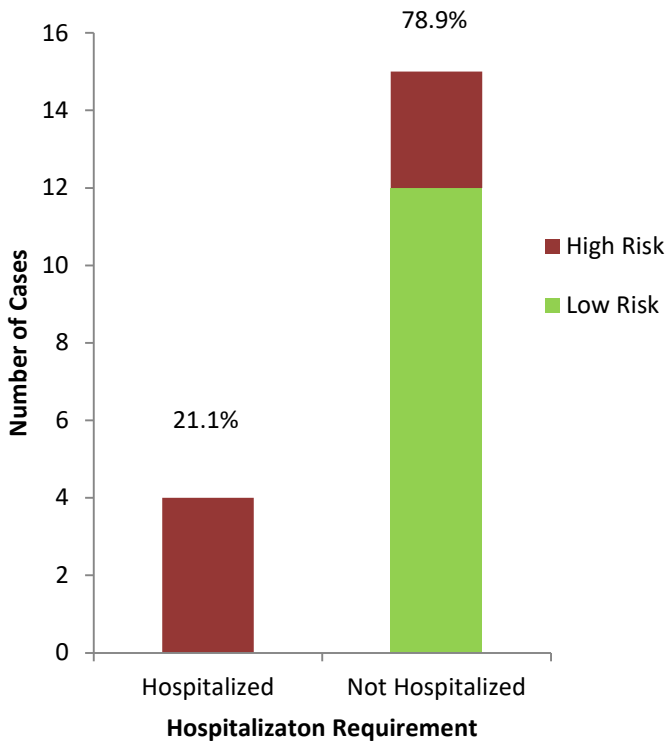
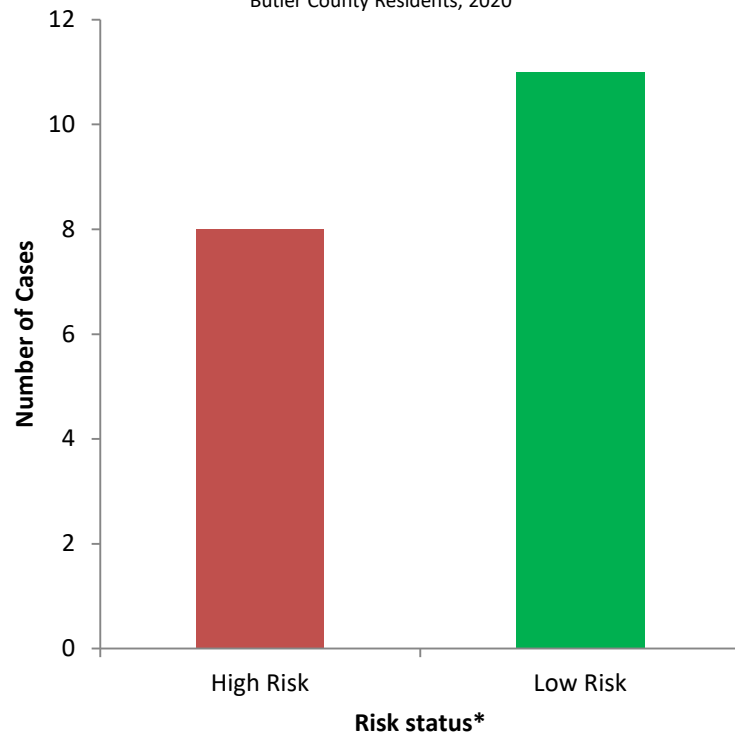


Figure 6. Confirmed COVID-19 Cases by risk

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

*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.