

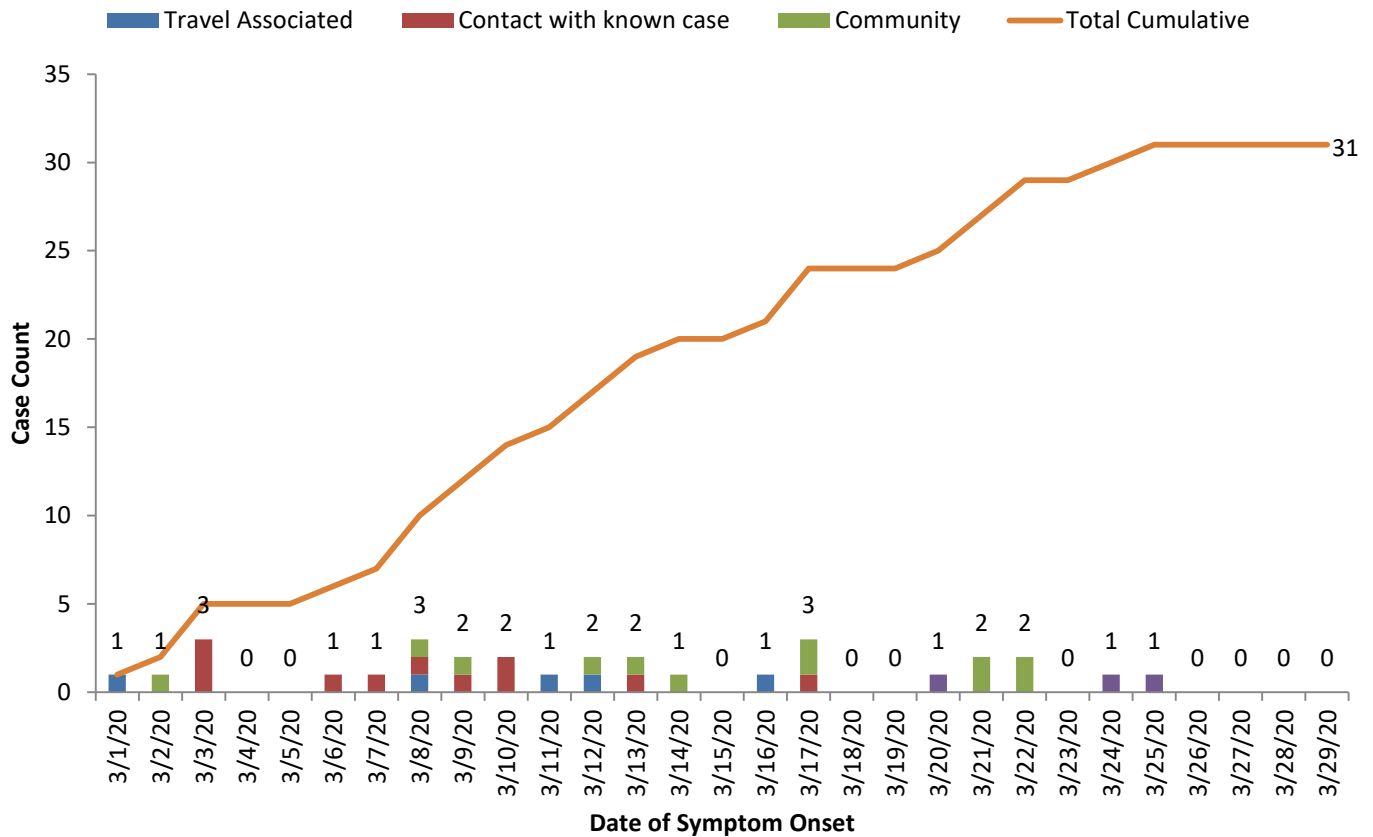
Butler County General Health District COVID-19 Update (3/30/2020)

Total Confirmed* COVID-19 Cases

Butler County Residents, 2020

Total # of Confirmed Cases:	31*
Total Number of Deaths:	0
First Case Reported:	3/13/2020
Last Case Reported (so far):	3/30/2020
Age Range:	1-81
Median Age:	55
Average Age:	52.7
High Risk:	13
Healthcare/first responders:	2 (6.5%)
Hospitalizations:	10 (100% High Risk)
Incidence Rate:	8 per 100,000

Figure 1. Butler County Laboratory Confirmed Cases by Symptom Onset Date
Butler County Residents, 2020



All Figures show all confirmed COVID-19 cases in Butler County as of 1200 EDT 03/30/2020. 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. This should not be assumed to be the total disease burden of COVID-19 in Butler County only those that have been laboratory confirmed AND verified by the Ohio Department of Health.

*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 03/30/2020 at 1200 EDT.

Total Confirmed* COVID-19 Cases

Butler County Residents, 2020
(as of 1200 EDT 03/30/2020)

Table 1: Total Confirmed-Cases by Municipality or Township		
City/Township	Number of Cases	% of Confirmed Cases
West Chester	10	32.3%
Liberty Township	9	29.0%
Fairfield City	3	9.7%
Oxford	3	9.7%
Middletown City	2	6.5%
Hamilton City	2	6.5%
Fairfield Township	1	3.2%
Okeana	1	3.2%
Butler County (inclusive)	19	100%

Table 2. Confirmed Tests by Laboratory Type	
Ohio Department of Health Laboratory	Private Laboratory
9	22

Table 3. Cases Recovered in Butler County**	
Cases Recovered	12
Range (length until recovery in days)	11-24
Median (length until recovery in days)	17

Table 4. Laboratory Statistics of Collection	
Positive Lab Tests	31
Range (length until results in days)	0-10
Median (length until results in days)	3.5

Figure 2. Confirmed Cases by Sex
Butler County Residents, 2020

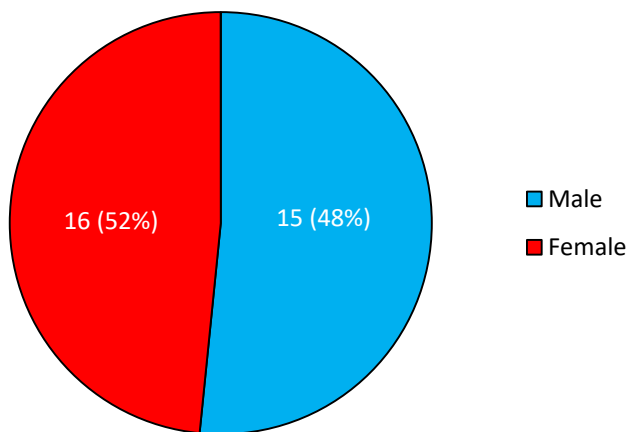
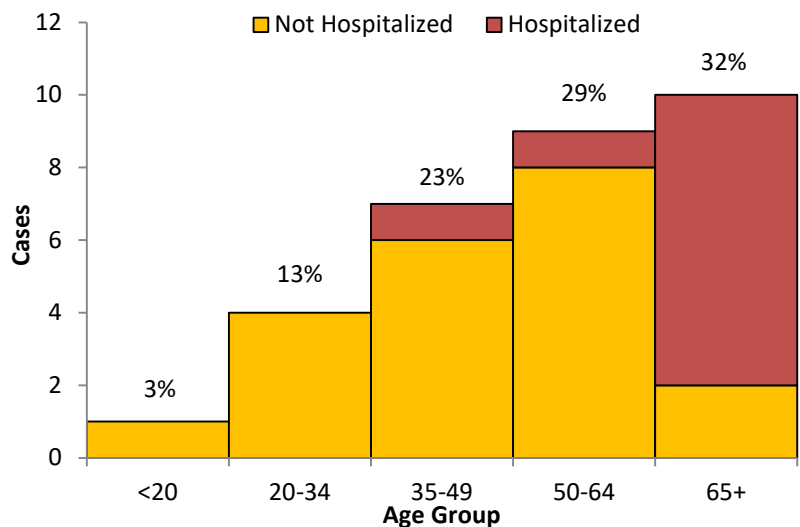


Figure 3. Total Confirmed Cases by Age Group
Butler County Residents, 2020



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Table 5. Confirmed cases by exposure type

Community	Contact with known case	Travel Associated	Under investigation
12	11	5	3

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.

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

- 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).

Figure 4. Confirmed Cases of COVID-19 by Hospitalization
Butler County Residents, 2020

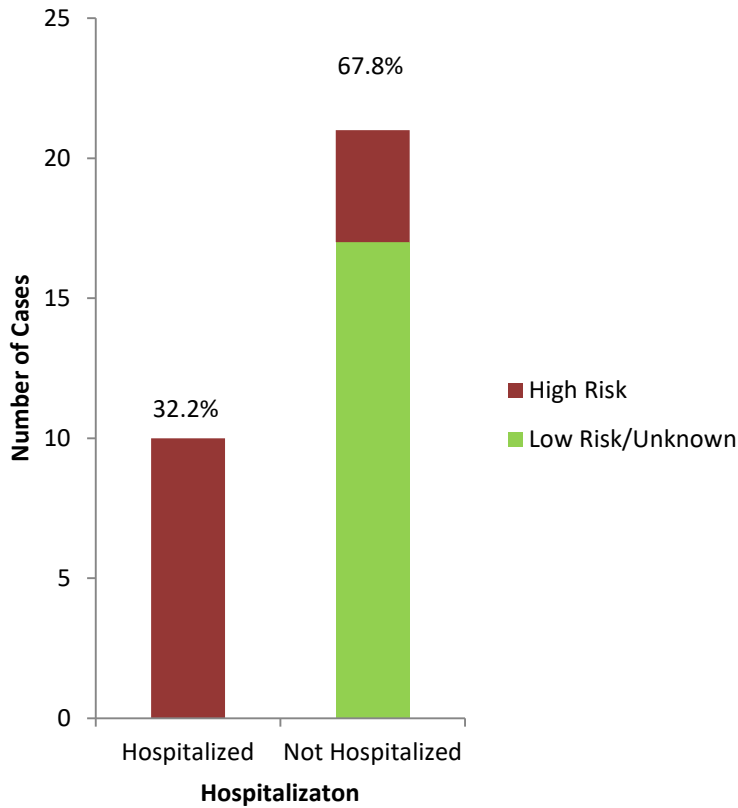
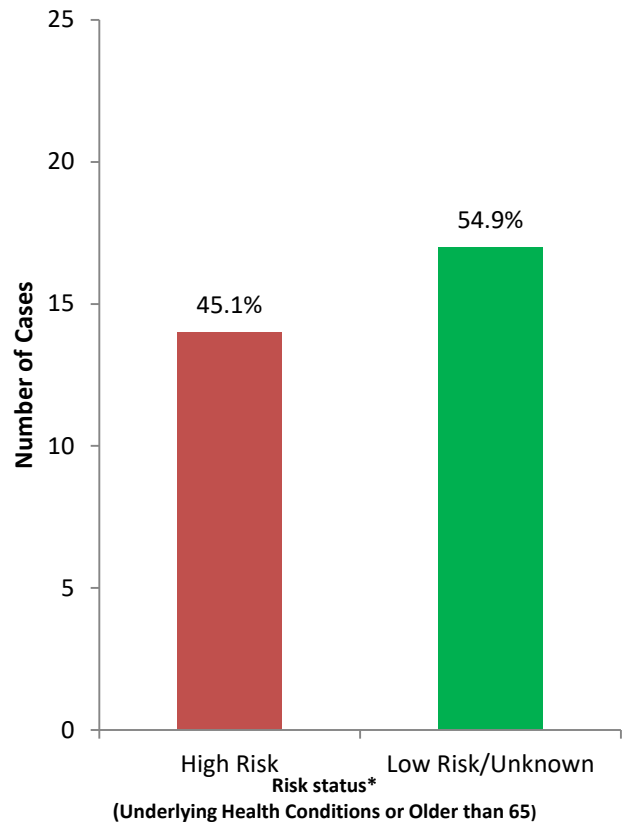


Figure 6. Confirmed COVID-19 Cases by risk
Butler County Residents, 2020



(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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