

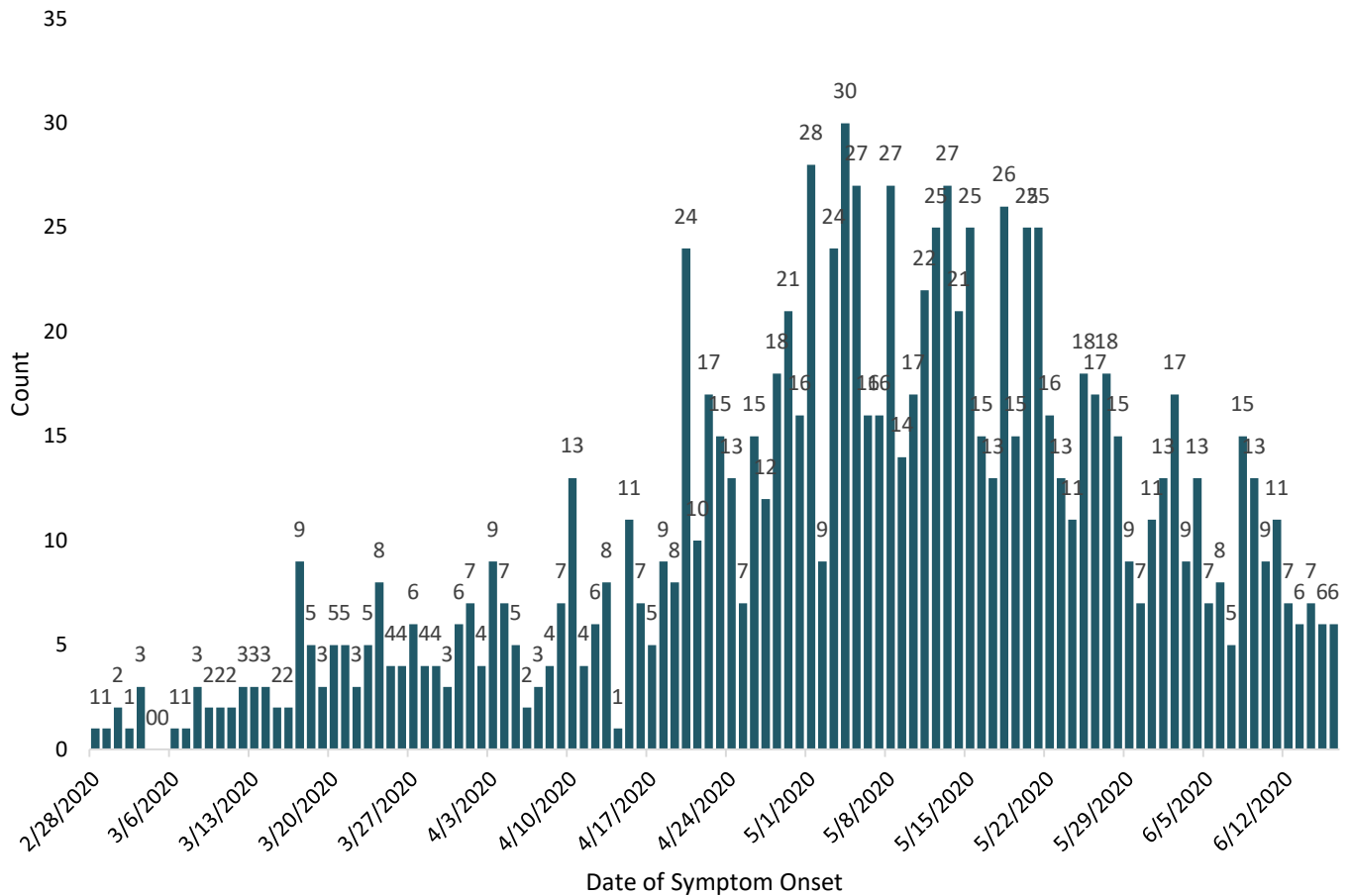
## Butler County General Health District COVID-19 Update (06/16/2020)

### Confirmed and Probable COVID-19 Cases Reported to Butler County\*

Butler County Residents, 2020

<b>Total # of Cases*:</b>	1128*
<b>Confirmed Deaths (06/09):</b>	32
<b>First Case Reported:</b>	3/11/2020
<b>Last Case Reported (so far):</b>	6/16/2020
<b>Confirmed Cases:</b>	1099
<b>Probable Cases:</b>	29
<b>Age Range:</b>	<1-101
<b>Median Age:</b>	44
<b>Mean Age:</b>	44.7
<b>Incidence Rate:</b>	295.0 per 100,000

Figure 1: Cases Reported to Butler County by Symptom Onset Date\*



All figures show reported cases of COVID-19 in Butler County as of 1700 EDT 06/16/2020. Due to delays in reporting, the numbers of confirmed and probable cases on Figure 1 are subject to change between reports and confirmed and probable 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 OR meet ODH probable case criteria AND reported to Public Health. \*Data is provisional – only confirmed or probable 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 06/16/2020 at 1700 EDT.

Figure 2. Cumulative Cases Reported to Butler County by Date Reported\*

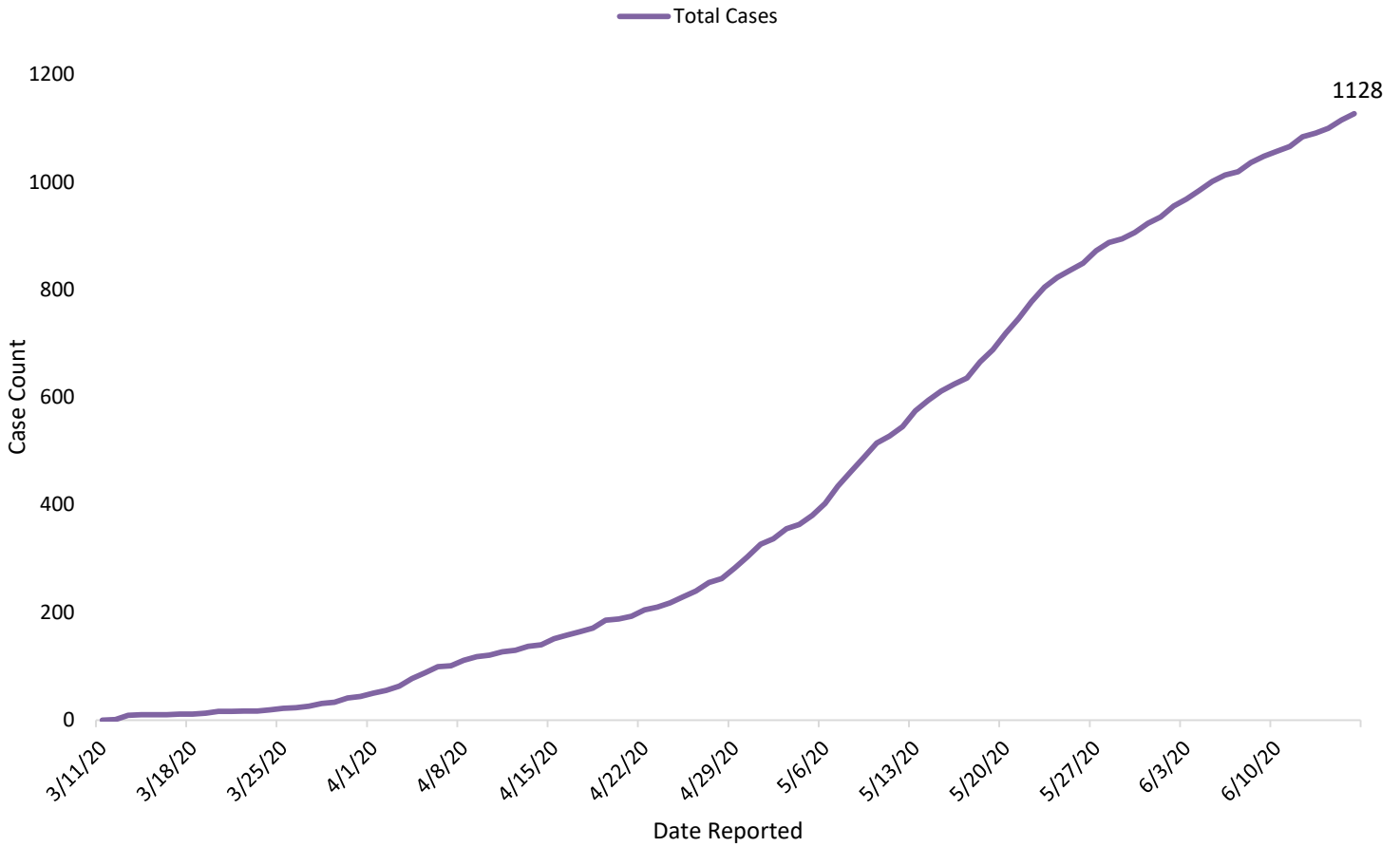
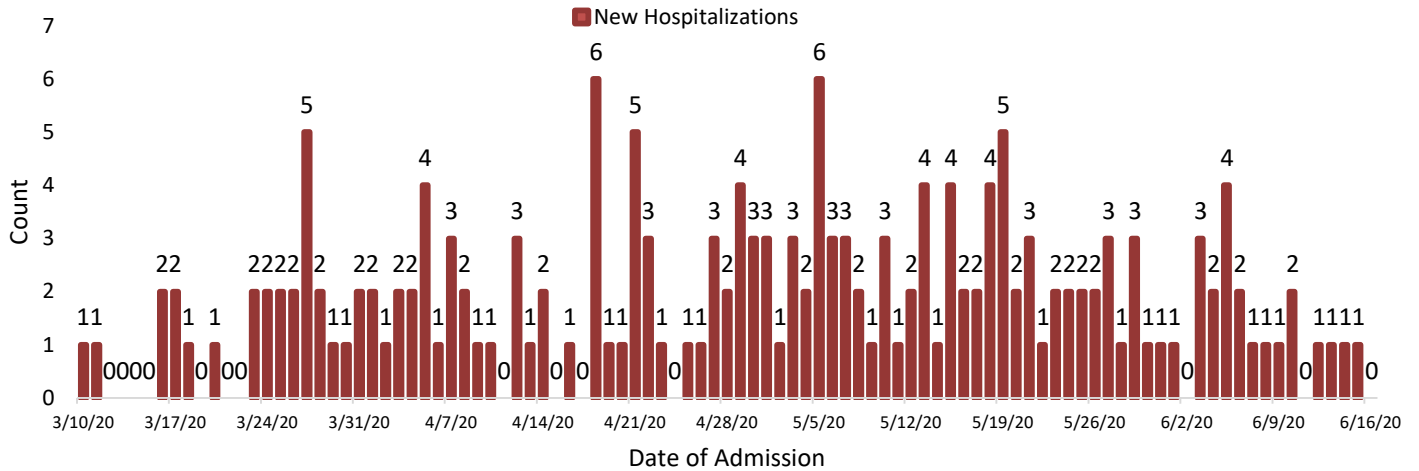


Figure 3. New Hospitalizations by Admission Date



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# Demographics of COVID-19 Cases Reported to Butler County

Butler County Residents, 2020

(as of 1700 EDT 06/16/2020)

Table 1: Total Reported* Cases by ZIP Code			
ZIP Code	Number of Cases	Rate per 100,000	% of Confirmed Cases
45014	309	703.6	27.4%
45011	233	334.4	20.7%
45044	155	293.4	13.7%
45069	137	279.2	12.1%
45013	79	150.2	7.0%
45015	58	481.8	5.1%
45042	45	170.1	4.0%
45056	29	107.3	2.6%
45067	26	187.1	2.3%
45050	17	198.9	1.5%
45246	14	-	1.3%
45241	13	-	1.2%
Butler County (inclusive)	1115		98.9%

Zip-codes not calculated have most of their population outside of Butler County. Rate given for comparison by population and will be higher than the actual amount. Eleven cases have no recorded address. Zip-codes with fewer than 5 cases have been removed for privacy concerns.

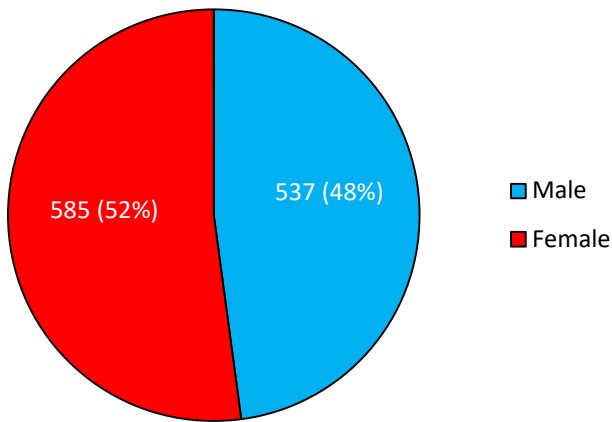
Table 2. Exposure Type						
Community	Healthcare Exposure	First Response	Household contact	Travel associated	Congregate living	Workplace
606	114	6	242	11	81	68

Table 3. Clusters in Butler County		
Cluster Associated Cases	Cases	% of Clustered Cases
Cluster Association		
Household/Family	238	66.9%
Congregate living	75	21.1%
Workplace	41	11.5%
First Response	2	0.6%

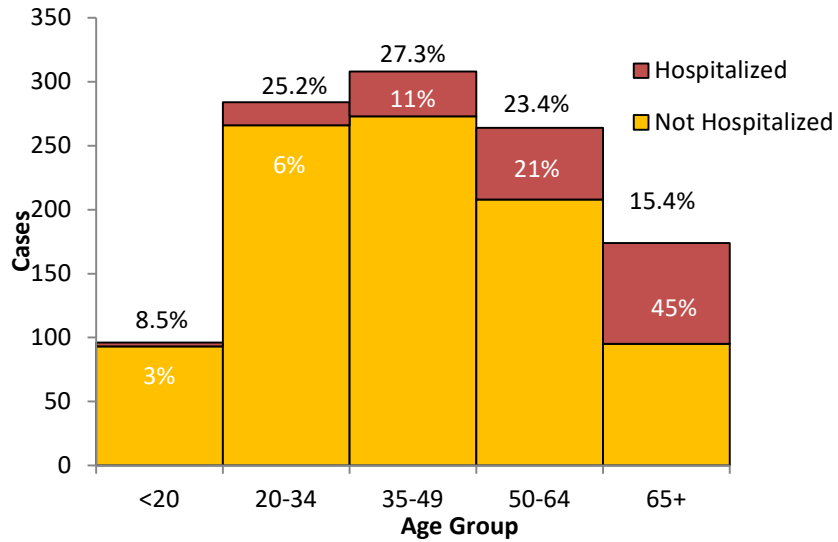
There may seem to be discrepancies between the exposure type and the clusters in Butler County. There are a number of reasons for this. The first is that an exposure is not the same as a cluster. There may be individuals who have had direct contact with their family members, but do not have their own cluster. There also might be individuals who have a different exposure type. For example, a healthcare worker may have a healthcare exposure, and if their family gets sick they would be considered a healthcare exposure but also part of a household/family cluster. Another example would be first responders. Only 2 first responders who live in Butler County are part of a cluster, but there are 4 other first responders who have come down with the illness that did not spread to their coworkers. Some may be from clusters that are related to other jurisdictions.

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**Figure 4. Reported Confirmed Cases by Sex\***  
Butler County Residents, 2020

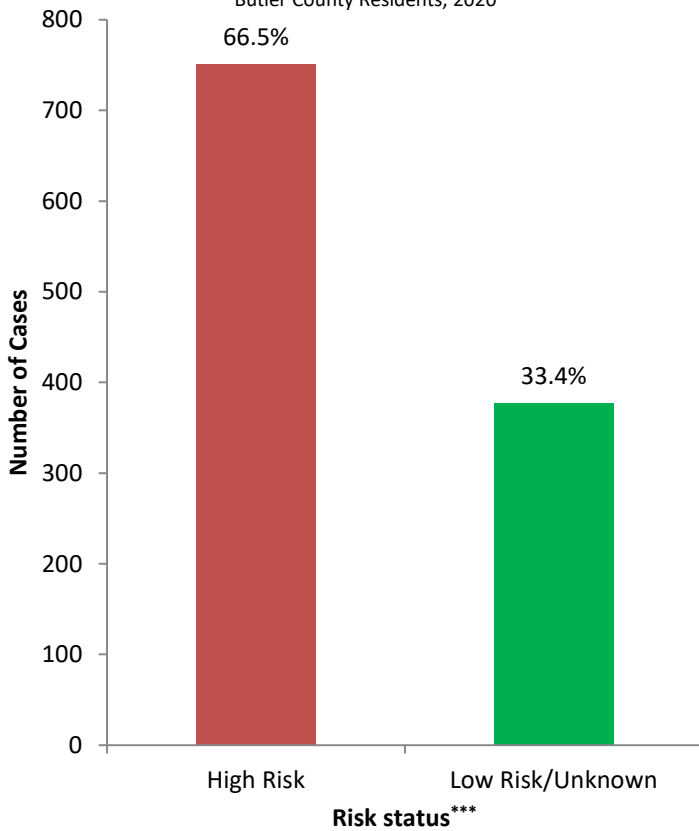


**Figure 5. Reported Confirmed Cases by Age Group\***  
Butler County Residents, 2020



Percent in white is percent of cases in age group hospitalized

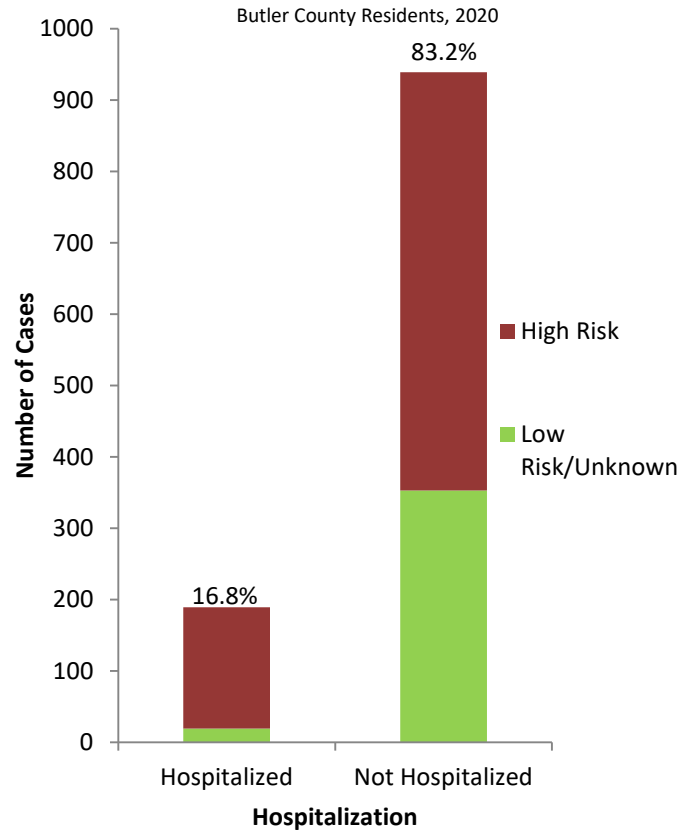
**Figure 6. Reported Confirmed Cases by Risk\***  
Butler County Residents, 2020



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

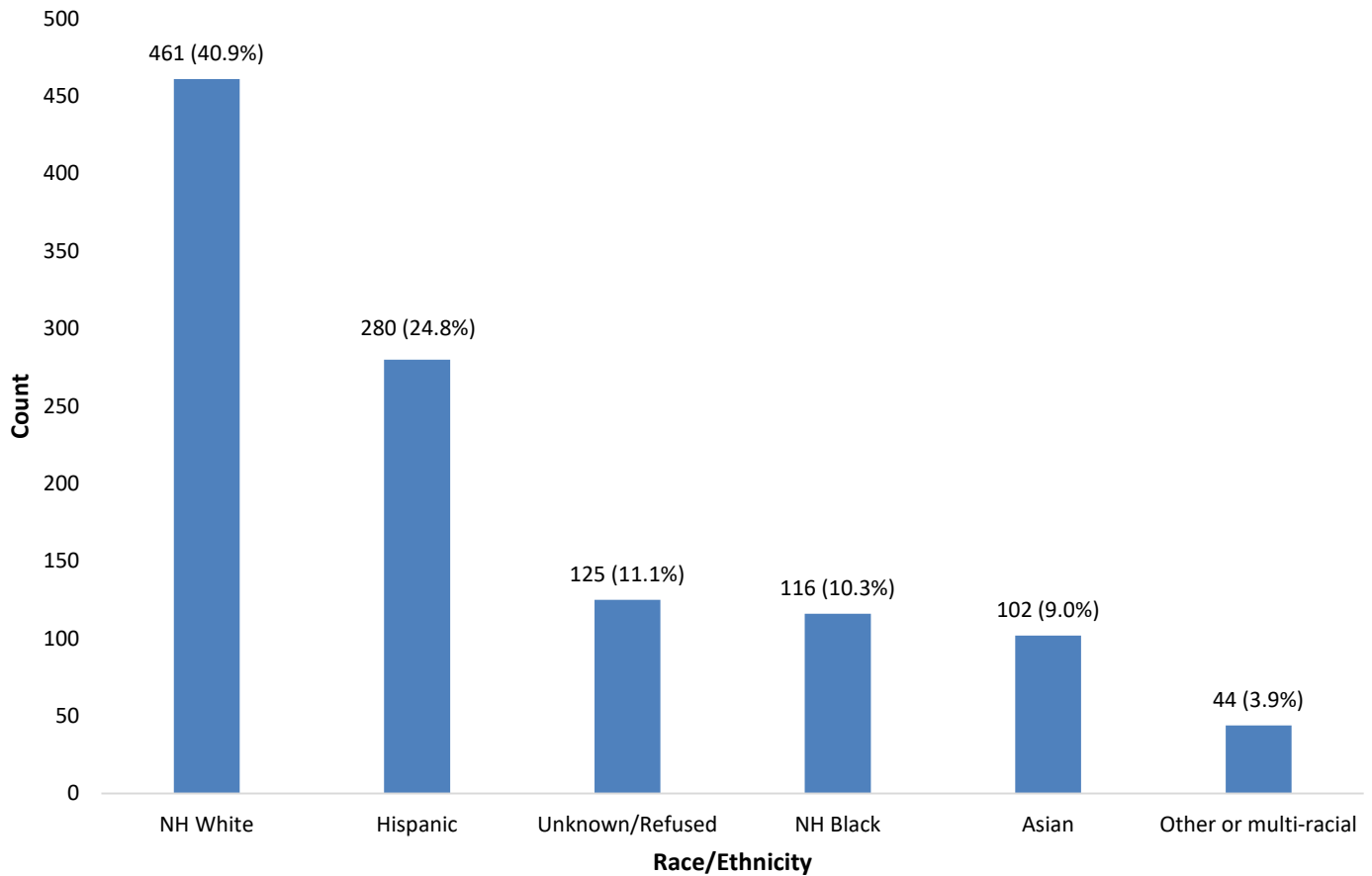
\*\*\*High risk status does not necessarily make one more susceptible to transmission, but does increase the likelihood of a more severe illness

**Figure 7. Reported confirmed Cases by Hospitalization**  
Butler County Residents, 2020



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**Figure 8. Cases Reported to Butler County by Race/Ethnicity**



## Clinical Statistics for Reported Butler County Cases

Butler County Residents, 2020  
(as of 1700 EDT 06/16/2020)

Table 4. Laboratory Statistics				
	Overall	Private Laboratories	Hospital Laboratories	Public Laboratories
Confirmatory Tests with information	1069	765	278	26
Range (in days)	<1-27	<1-27	<1-5	1-4
Median (in days)	2	2	1	1

Table 5. Hospitalization Statistics			
	N	Percentage of Hospitalized Cases	Percentage of all cases
Total Hospitalized	189	100%	16.8%
Cases with information	180	96%	15.9%
Admitted to Intensive Care Unit (ICU)	24	12.7%	2.1%
Required intubation	18	9.5%	1.6%
Range of Length of Stay (in days)	<1-44	-	-
Median Length of Stay (in days)	6	-	-

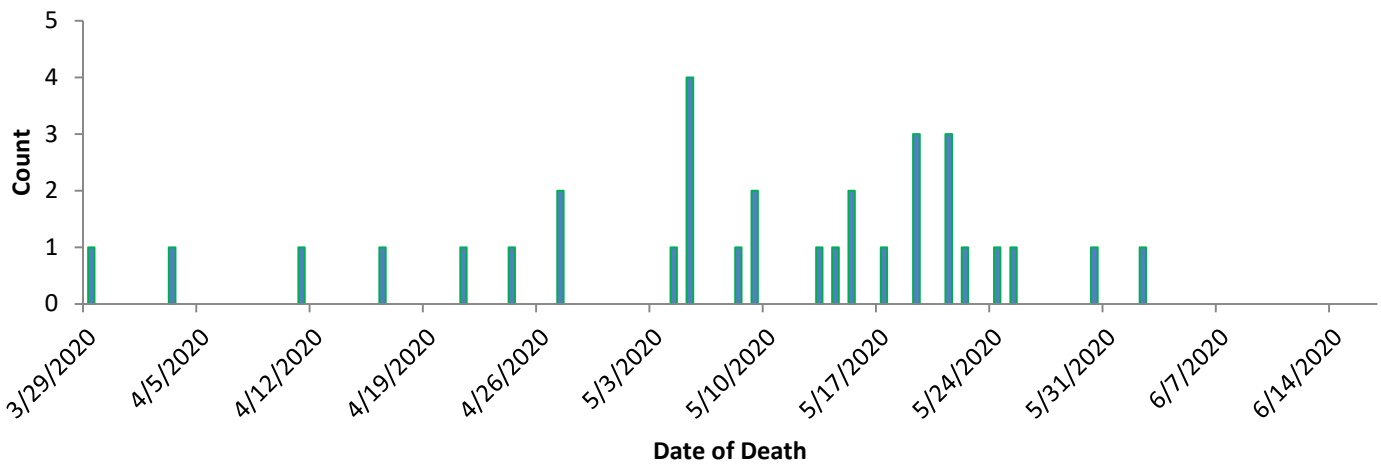
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Table 6. Symptoms Reported		
	N	Percentage
<b>Cases with Information</b>	<b>915</b>	<b>100%</b>
Cough	502	54.9%
Fever	495	54.1%
Myalgia	389	42.5%
Headache	325	35.5%
Shortness of Breath	286	31.3%
Chills	244	26.7%
Loss of Taste or Smell	179	19.6%
Sore throat	177	19.3%
Runny nose	163	17.8%
Nausea	132	14.4%
Diarrhea	128	14.0%
Asymptomatic	107	11.7%
Abdominal Pain	70	7.7%
Conjunctivitis	17	1.9%

Table 7. Death Statistics		
	N	%
Confirmed Deaths	32	2.8%
<b>Age</b>	<b>N</b>	
Range	52-101	
Median	79	
Mean	77.6	
<b>Race</b>	<b>N</b>	<b>%</b>
NH White	25	78%
NH Black	5	15.6%
Asian	2	6.3%
<b>Risk Status</b>	<b>N</b>	<b>%</b>
High Risk**	32	100%

\*\*Individuals who are high risk are those with underlying health conditions that could exacerbate a SARS-CoV-2 infection including those who are immunocompromised or immunosuppressed or individuals who are older than 65 years of age. High risk status does not imply higher likelihood of disease transmission, but a higher likelihood of a severe illness.

**Figure 9. Confirmed COVID-19 Deaths by date of death**



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