

COVID-19 in Lake County, Ohio: September 2, 2020

This report summarizes available data for total COVID-19 cases in Lake County, Ohio, including both laboratory confirmed and probable cases, based on cumulative data entered in the Ohio Disease Reporting System as of 2:00 pm the day prior to issue. The level of detail provided has been determined appropriate, given the number of cases in Lake County, to ensure the protection of sensitive individual health information. All data are preliminary and subject to change.

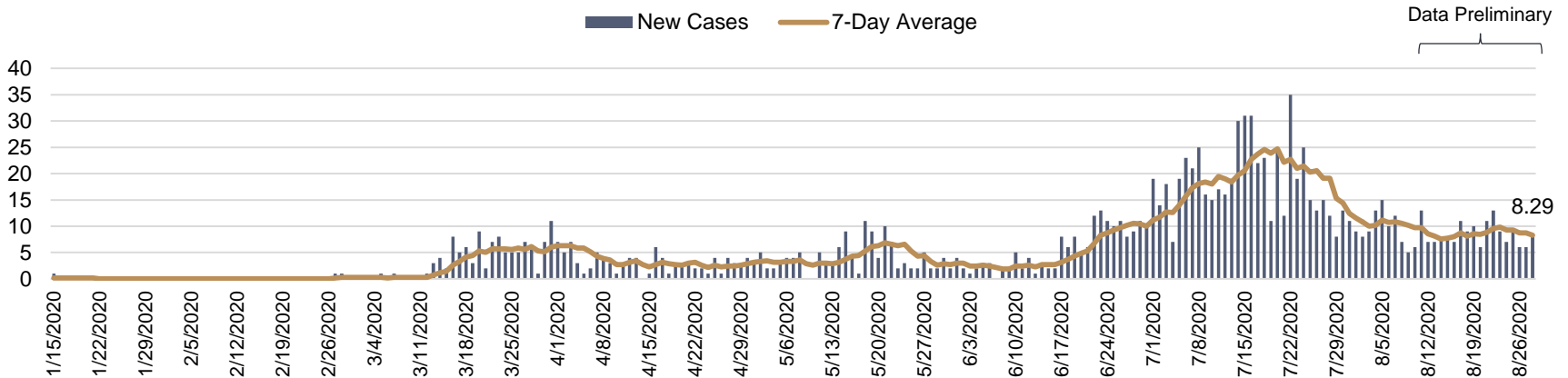
Total Cases: 1,328

Lab Confirmed Cases: 1,271

Probable Cases: 57

Antibody Positive: 14
Non-Antibody: 43

New COVID-19 Cases by Event Date*



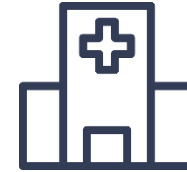
*Event Date refers to the first date in a medical record associated with a given illness. For the vast majority of cases, the reported Event Date refers to the date of symptom onset (date on which the case first experienced COVID-19 symptoms). For the cases for which this date is unknown, the date presented refers to the date a specimen was collected for COVID-19 testing. Due to lags in testing and reporting, new cases may appear for dates several weeks in the past. A seven (7) day rolling average is included to assist in visualizing the trend, and the most recent value is indicated on the far right side of the graph.



Cumulative Total COVID-19 Cases (N=1,328)

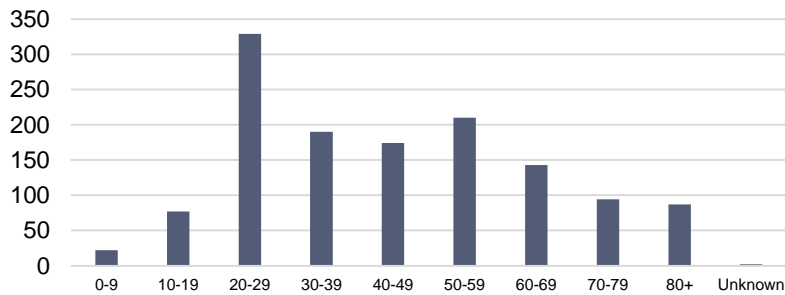


Ages:
<1 to 100
Average:
44 Years

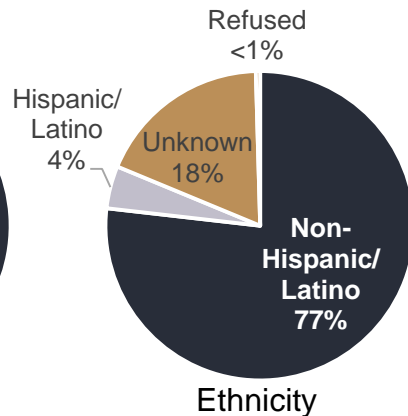
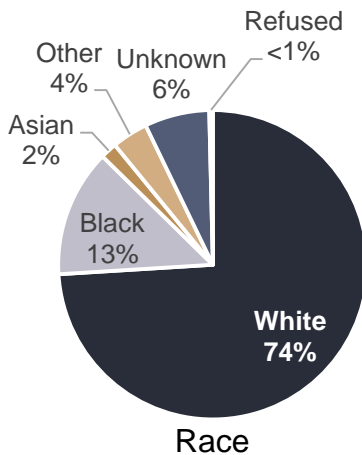
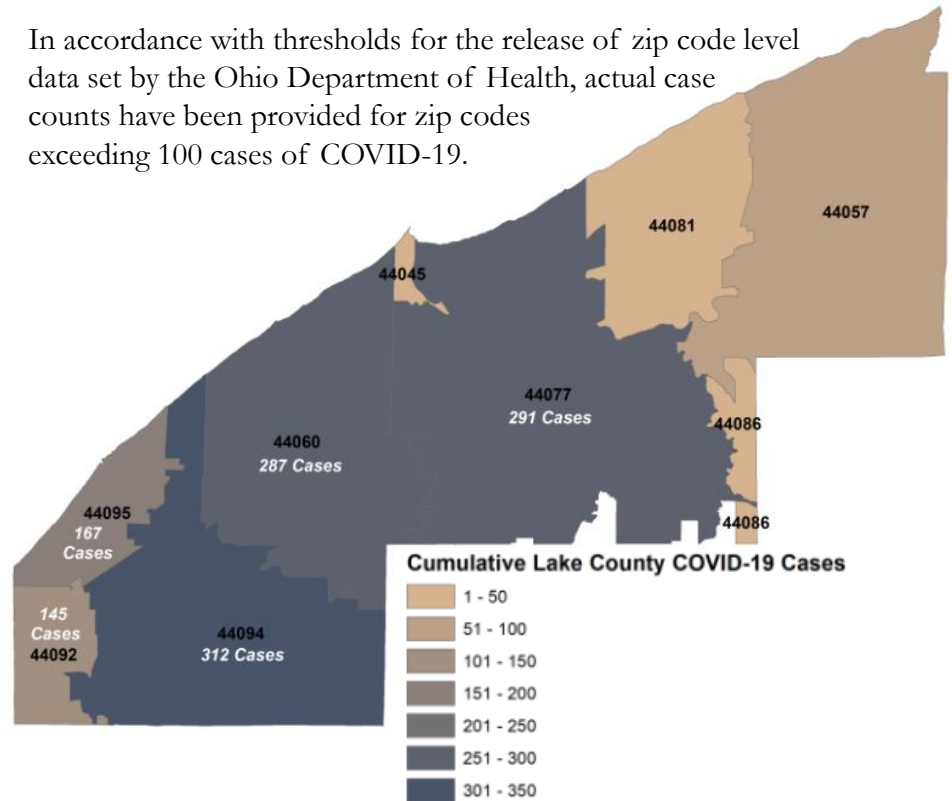


18%
Healthcare Workers

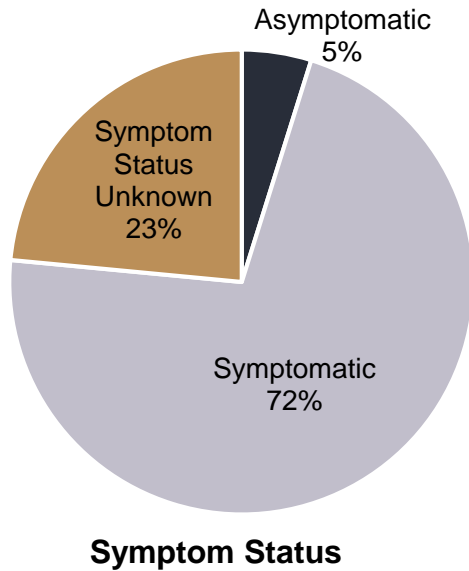
Ages of COVID-19 Cases in Lake County



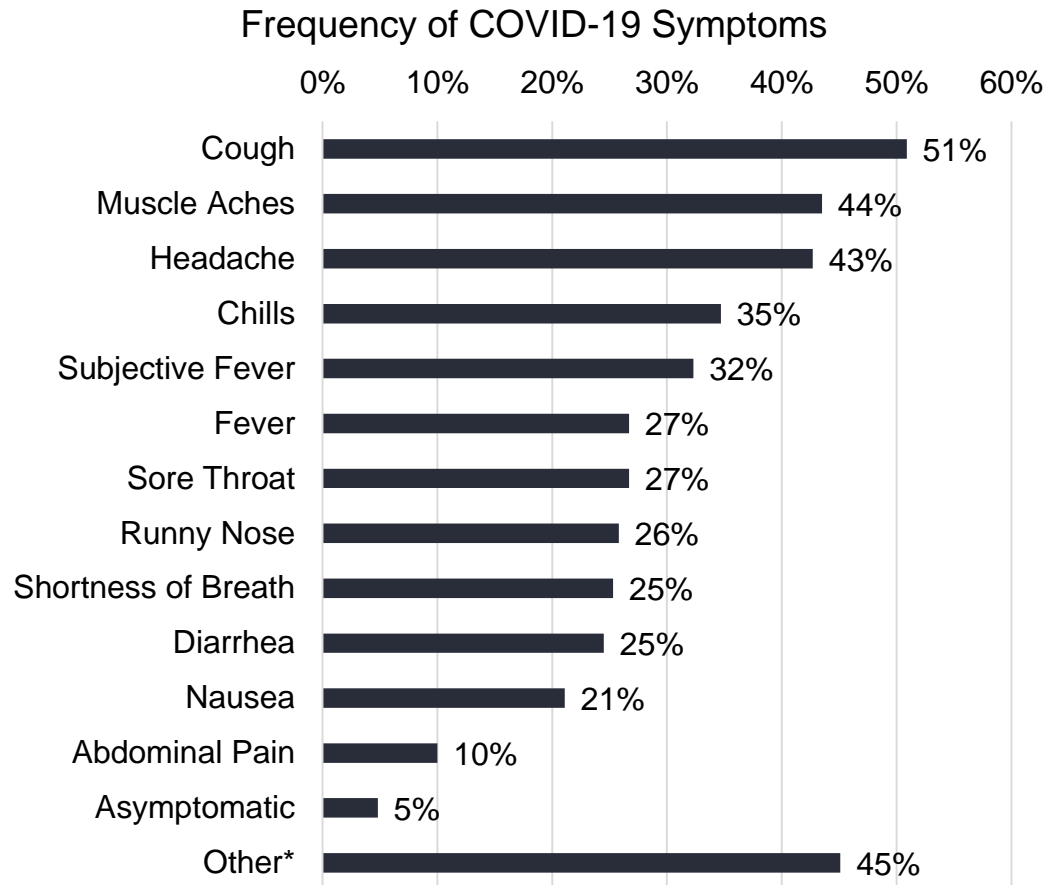
In accordance with thresholds for the release of zip code level data set by the Ohio Department of Health, actual case counts have been provided for zip codes exceeding 100 cases of COVID-19.



The following provide an overview of COVID-19 symptoms experienced by Lake County’s confirmed and probable COVID-19 cases. This information will be included in the report the first Wednesday of each month. To date, approximately 5% of cases have been asymptomatic. Percentages reported for symptom frequency are based on the total number of cases.



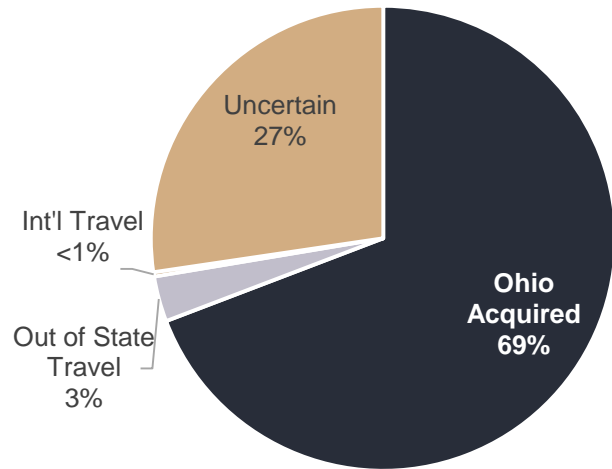
*Other common symptoms reported included congestion, fatigue, weakness, dizziness, loss of appetite, loss of sense of taste and smell, chest pain/tightness, sneezing, and rash.



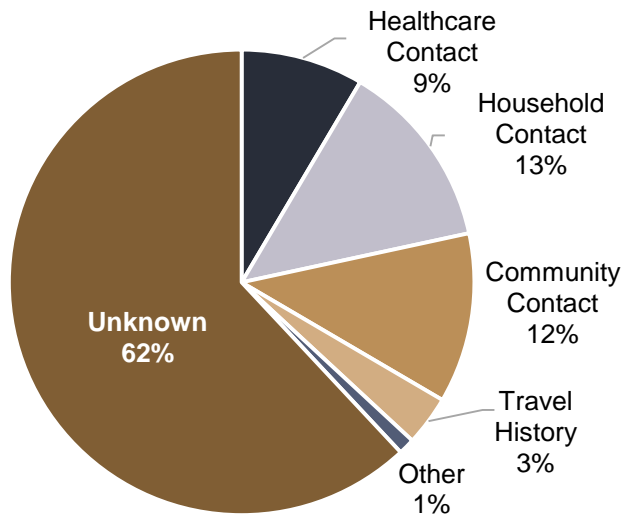
Cumulative Total COVID-19 Cases (N=1,328)

States of Exposure:

- | | |
|-------------|----------------|
| Arizona | North Carolina |
| California | New Jersey |
| Florida | Nevada |
| Georgia | New York |
| Indiana | Pennsylvania |
| Maryland | South Carolina |
| Michigan | Tennessee |
| Mississippi | Texas |



Exposure Geography

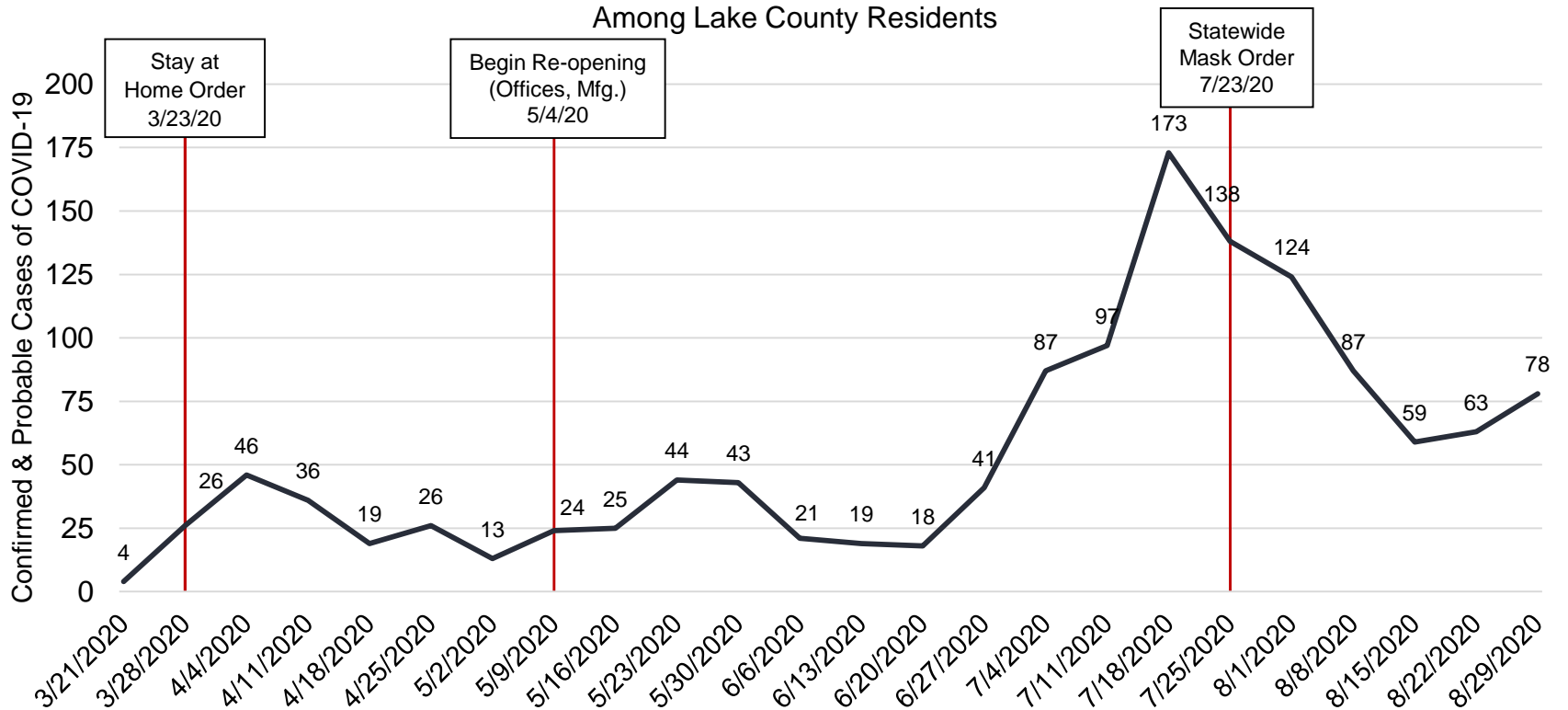


Exposure Source



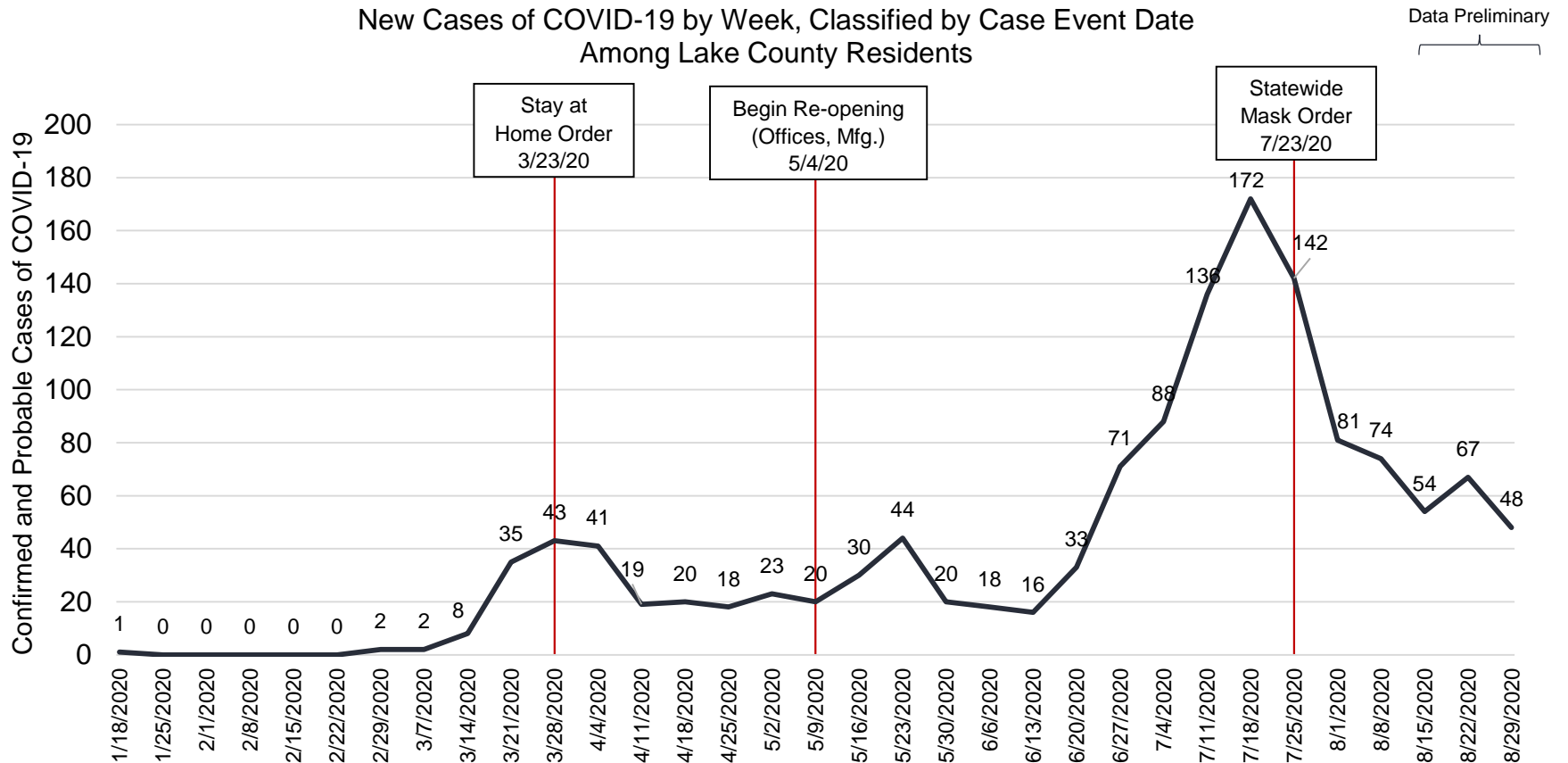
The following graph depicts the number of new cases among Lake County residents by week, classified by the date reported to LCGHD and thus added to the cumulative count (positive test or diagnosis according to CDC case definitions). For the purpose of this report, weeks run from Sunday through Saturday. Data reported for each week reflects the number of cases reported from the previous Sunday, ending on the Saturday date shown. The date reported is used because new cases are regularly reported with symptom onset dates several weeks or more in the past due to lags in testing, reporting, and case investigation. Dates for the Stay at Home Order, state reopening, and mask order are added for reference.

New Cases of COVID-19 Reported by Week
Among Lake County Residents



The following graph depicts the number of new cases among Lake County residents by week, classified by the event date, which is the first known date associated with a case. For most cases, this is the date of symptom onset (date on which the confirmed or probable case first experienced symptoms), but may reflect the date of test specimen collection in cases where onset date is unknown due to a case being asymptomatic or delays in the verification of the onset date during case investigation. For the purpose of this report, weeks run from Sunday through Saturday. Data reported for each week reflects the number of cases from the previous Sunday ending on the Saturday date shown. Dates for the Stay at Home, reopening, and mask orders are added for reference.

New Cases of COVID-19 by Week, Classified by Case Event Date
Among Lake County Residents



COVID-19 Hospitalizations (Cumulative)



153
Cases
Hospitalized
(12% of cases)



Length of Stay:
1 to 38 days
Average:
8 Days



38
ICU
Admissions

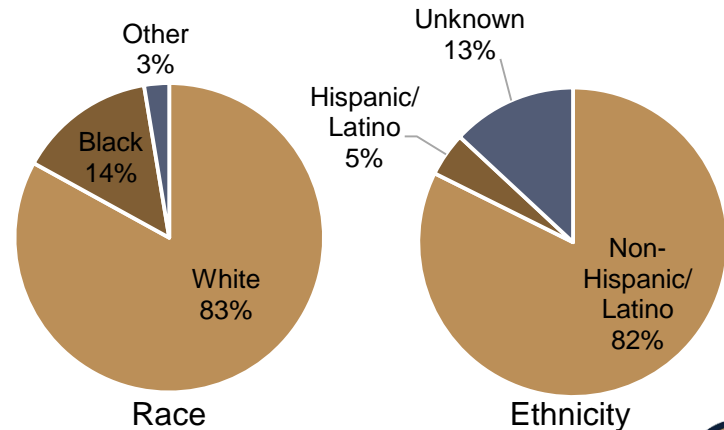
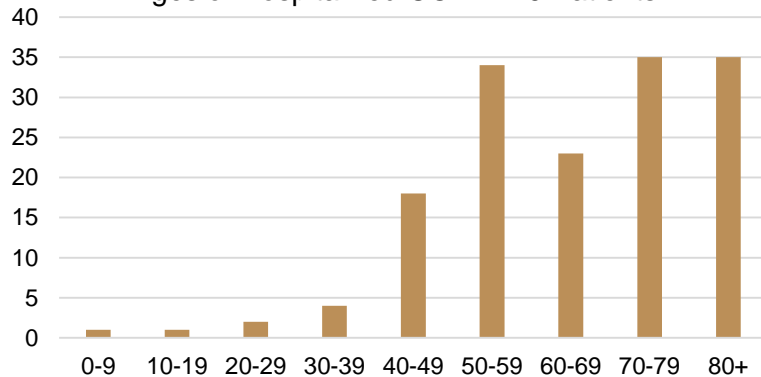


Ages:
<1 to 98
Average:
65 Years



80%
Pre-existing
Condition(s)

Ages of Hospitalized COVID-19 Patients



COVID-19 Deaths (Cumulative)

**COVID-19
Deaths**
44



Ages:
43 to 98
Average:
82 Years

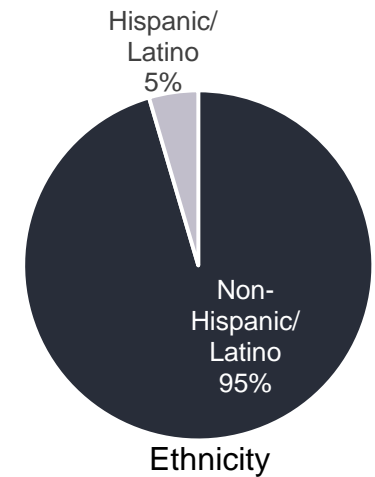
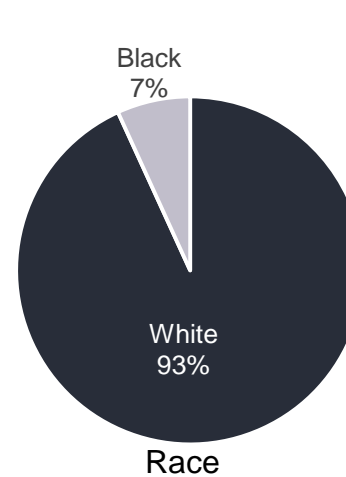
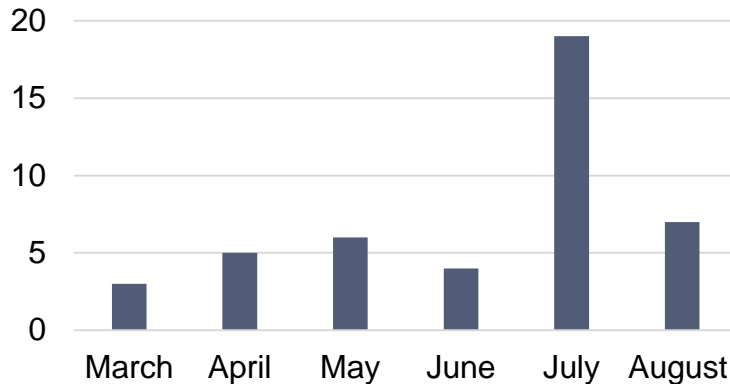


87%
**Known
Pre-existing
Condition(s)**



54%
**Resided in
Congregate
Living**

COVID-19 Deaths by Month



At a Glance

Since Last Data Report Release*			
Metric	8/25	9/1	Change
Total Reported Cases (Cumulative)	1,261	1,328	+67
Total Reported Hospitalizations (Cumulative)	145	153	+8
Total Reported ICU Admissions (Cumulative)	34	38	+4
Total Reported Deaths (Cumulative)	44	44	----
Average Age of Cumulative Cases	45	44	-1 Yr.
Average Age of Fatal Cases	82	82	---

August in Review (Data is preliminary and subject to change as newly reported cases are investigated)	
Cases with Verified Symptom Onset Date in August**	160
Hospitalizations with Known Admission Date in August	20
ICU Admissions with Known Hospital Admission Date in August	6
COVID-19 Deaths Occurring in August	7

*Note this refers to cumulative total reported in each Wednesday Report.

**Note this number lags until onset date is able to be verified by case interview. "Onset Date" in ODH CSV file actually refers to "Event Date," which is filled with date a test specimen was collected until onset date is verified by case.



**Lake County
General Health District**

Public Health
Prevent. Promote. Protect.



REV: 9/1/2020