COVID-19 in Lake County, Ohio: August 12, 2020

This report summarizes available data for <u>total</u> 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.
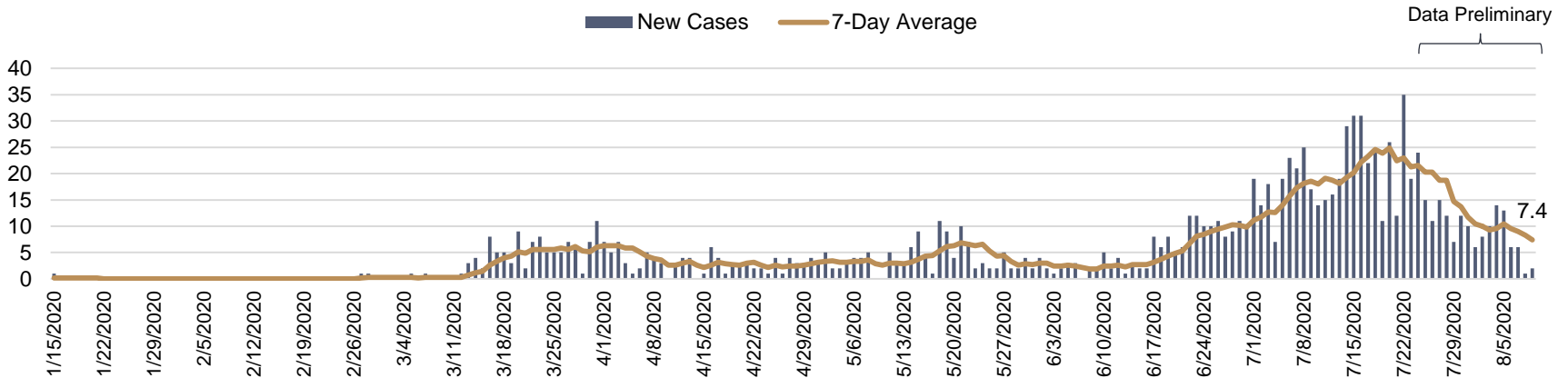
Total Cases: 1,132   **Lab Confirmed Cases: 1,078**   **Probable Cases: 54**

Antibody Positive: 14
Non-Antibody: 40

New COVID-19 Cases by Event Date*

Legend: New Cases — 7-Day Average

Data Preliminary

7.4

(Chart: vertical axis 0–40; horizontal axis dates from 1/15/2020 through 8/5/2020)

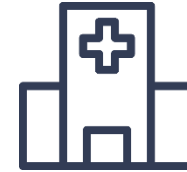*Event Date refers to the first date in a medical record associated with a given illness. For the vast majority of cases, the reported Event Date refers to the date of symptom onset (date on which the case first experienced COVID-19 symptoms). For the cases for which this date is unknown, the date presented 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.
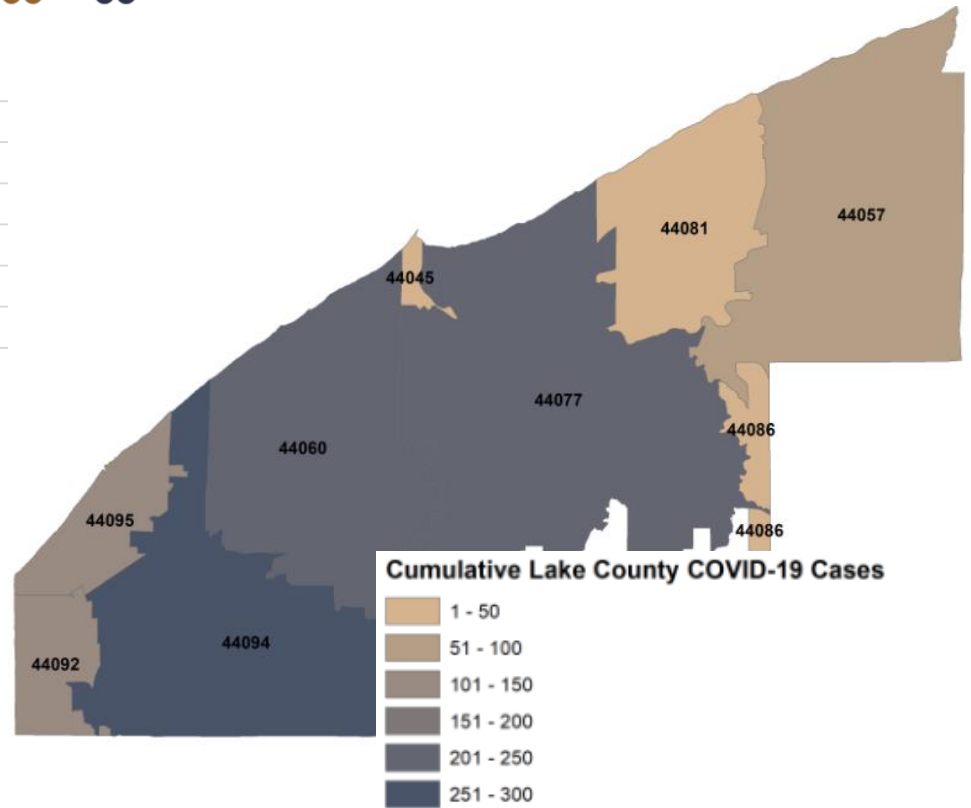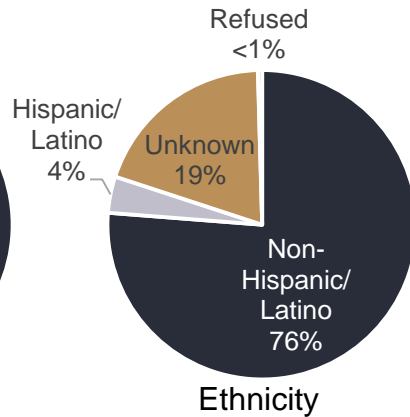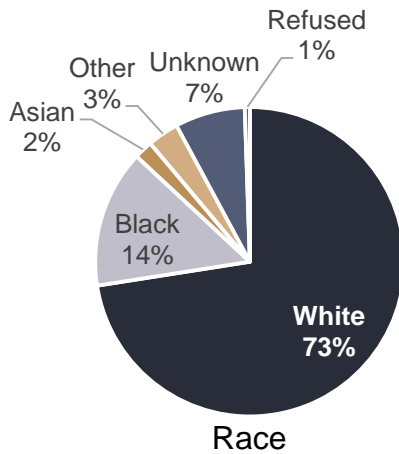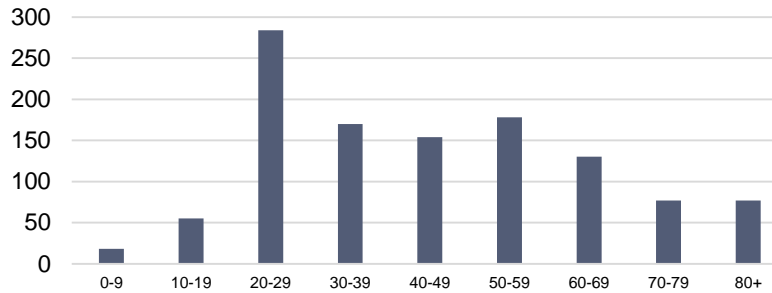
Cumulative Total COVID-19 Cases (N=1,132)

Ages:
<1 to 100
Average:
45 Years

56% **44%**

18%
Healthcare Workers

Ages of COVID-19 Cases in Lake County

Bar chart axis values: 300, 250, 200, 150, 100, 50, 0
Age categories: 0-9, 10-19, 20-29, 30-39, 40-49, 50-59, 60-69, 70-79, 80+

Race pie chart:
- Refused 1%
- Other 3%
- Unknown 7%
- Asian 2%
- Black 14%
- White 73%

Race

Ethnicity pie chart:
- Refused <1%
- Hispanic/Latino 4%
- Unknown 19%
- Non-Hispanic/Latino 76%

Ethnicity

Map zip codes: 44045, 44081, 44057, 44077, 44060, 44086, 44095, 44094, 44092, 44086

Cumulative Lake County COVID-19 Cases
- 1 - 50
- 51 - 100
- 101 - 150
- 151 - 200
- 201 - 250
- 251 - 300

Cumulative Total COVID-19 Cases (N=1,132)

States of Exposure:

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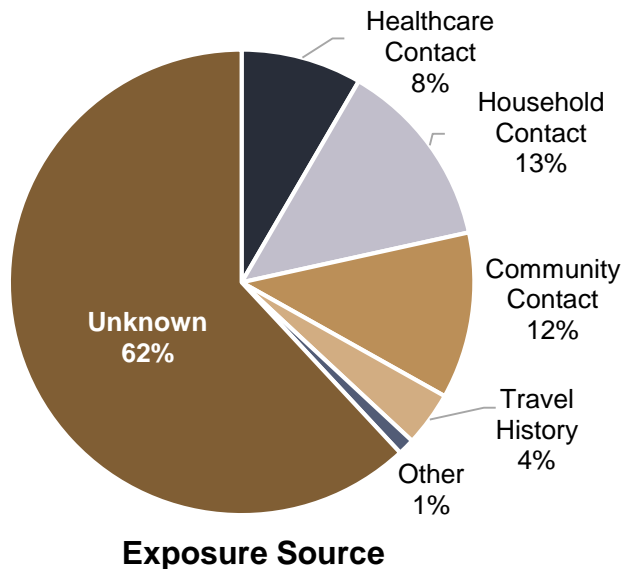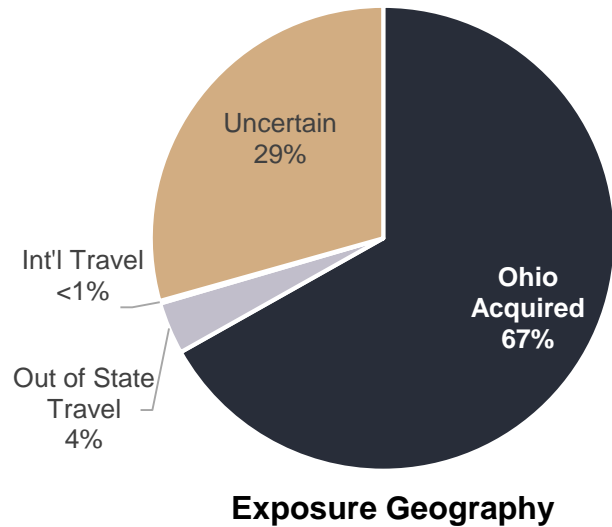
Exposure Geography

- Uncertain 29%
- Int'l Travel <1%
- Ohio Acquired 67%
- Out of State Travel 4%

Exposure Source

- Healthcare Contact 8%
- Household Contact 13%
- Community Contact 12%
- Travel History 4%
- Other 1%
- Unknown 62%

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 cumu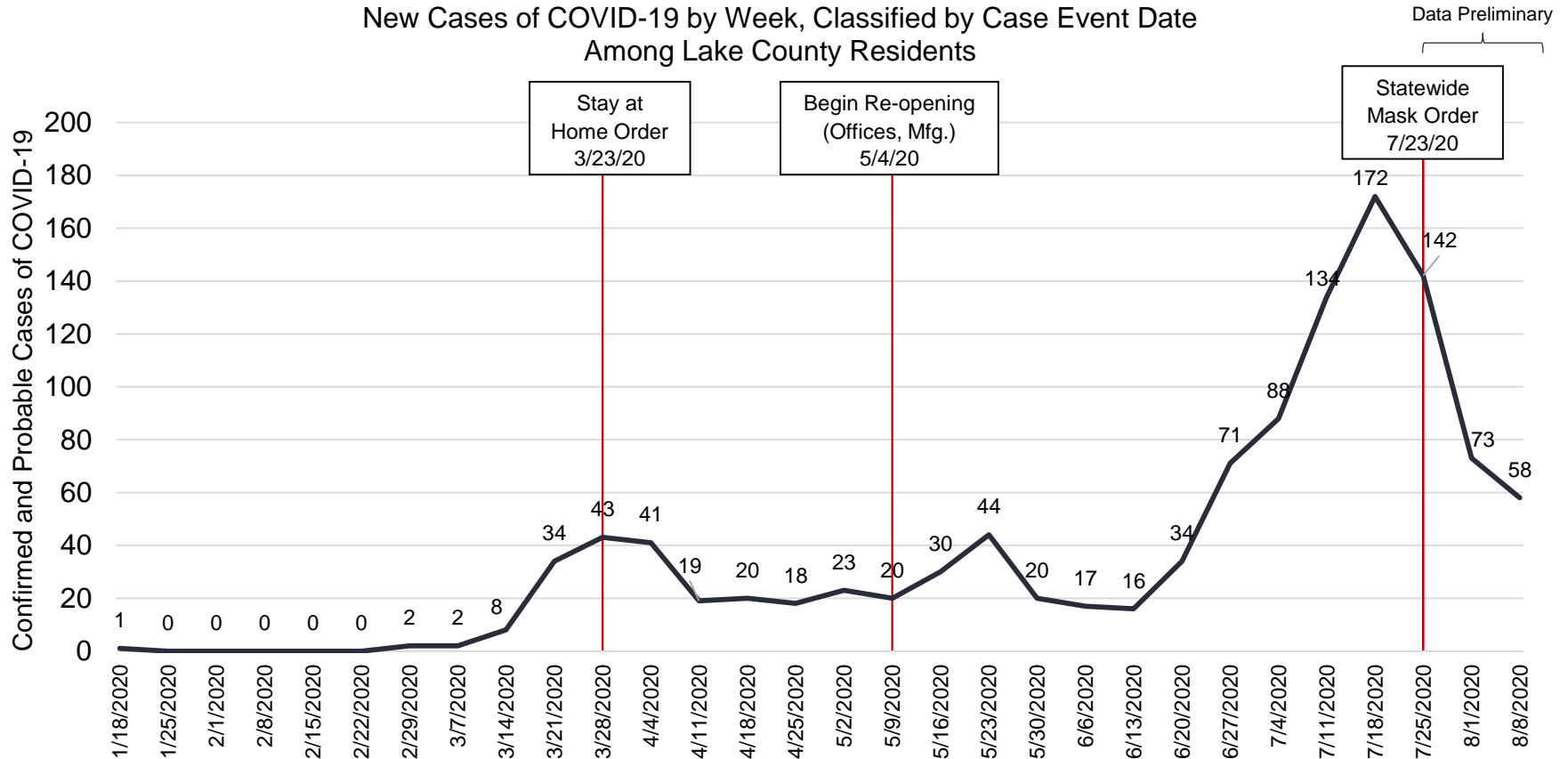lative count (positive test or diagnosis according to CDC case definitions). For the purpose of this report, weeks run from Sunday through Saturday. Data reported for each week reflects the number of cases reported from the previous Sunday ending on the Saturday date shown. The date reported is used 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
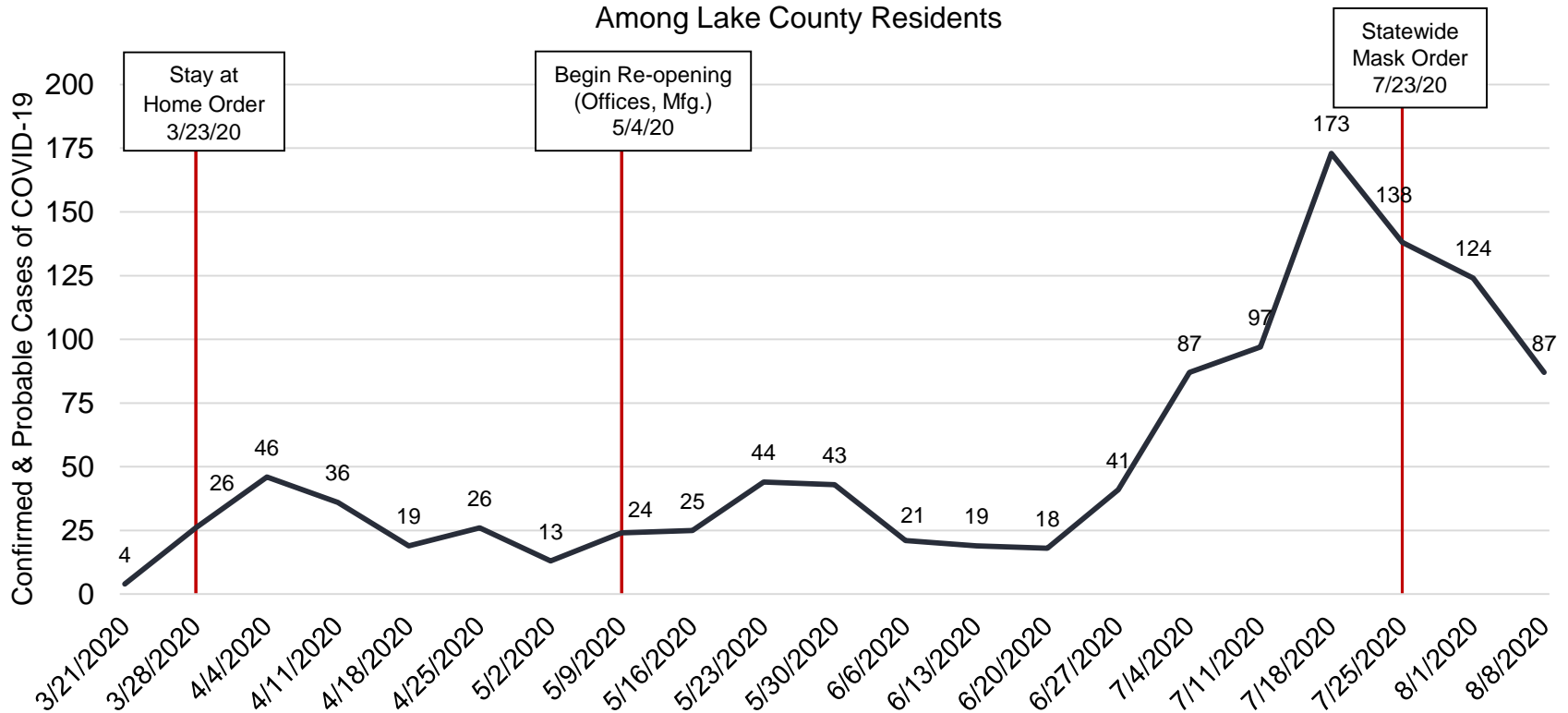
Stay at Home Order 3/23/20

Begin Re-opening (Offices, Mfg.) 5/4/20

Statewide Mask Order 7/23/20

y-axis: Confirmed & Probable Cases of COVID-19

Data points:
- 3/21/2020: 4
- 3/28/2020: 26
- 4/4/2020: 46
- 4/11/2020: 36
- 4/18/2020: 19
- 4/25/2020: 26
- 5/2/2020: 13
- 5/9/2020: 24
- 5/16/2020: 25
- 5/23/2020: 44
- 5/30/2020: 43
- 6/6/2020: 21
- 6/13/2020: 19
- 6/20/2020: 18
- 6/27/2020: 41
- 7/4/2020: 87
- 7/11/2020: 97
- 7/18/2020: 173
- 7/25/2020: 138
- 8/1/2020: 124
- 8/8/2020: 87

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

Data Preliminary

Date	Cases
1/18/2020	1
1/25/2020	0
2/1/2020	0
2/8/2020	0
2/15/2020	0
2/22/2020	0
2/29/2020	2
3/7/2020	2
3/14/2020	8
3/21/2020	34
3/28/2020	43
4/4/2020	41
4/11/2020	19
4/18/2020	20
4/25/2020	18
5/2/2020	23
5/9/2020	20
5/16/2020	30
5/23/2020	44
5/30/2020	20
6/6/2020	17
6/13/2020	16
6/20/2020	34
6/27/2020	71
7/4/2020	88
7/11/2020	134
7/18/2020	172
7/25/2020	142
8/1/2020	73
8/8/2020	58

Reference annotations on chart:
- Stay at Home Order 3/23/20
- Begin Re-opening (Offices, Mfg.) 5/4/20
- Statewide Mask Order 7/23/20

Y-axis: Confirmed and Probable Cases of COVID-19 (0–200)

COVID-19 Hospitalizations (Cumulative)

137 Cases Hospitalized (12% of cases)

Length of Stay: **1 to 38 days** **Average:** **8.3 Days**
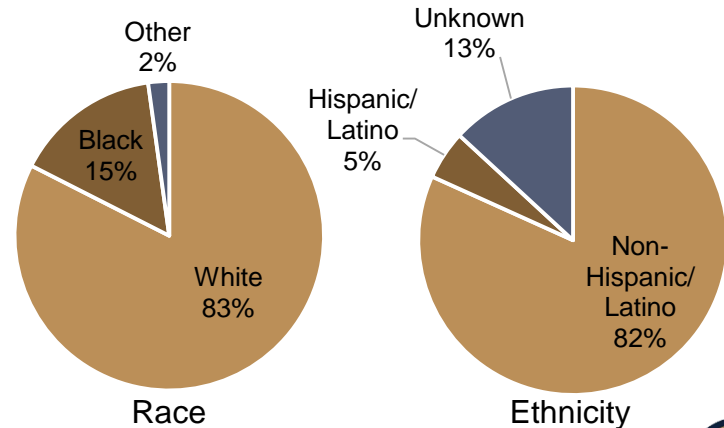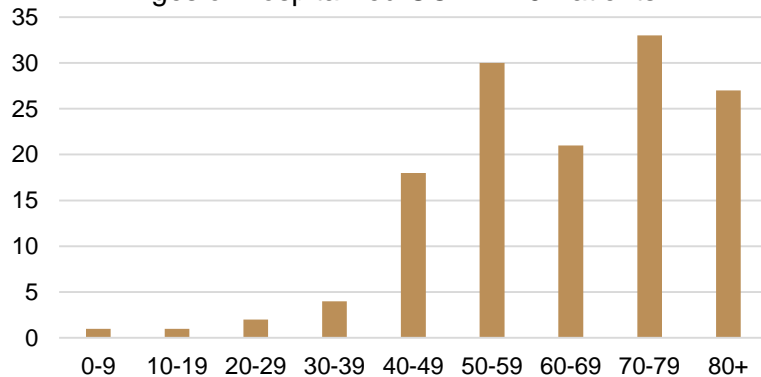
34 ICU Admissions

Ages: **<1 to 96** **Average:** **64 Years**

52% **48%**

82% Pre-existing Condition(s)

Ages of Hospitalized COVID-19 Patients

Race
- White 83%
- Black 15%
- Other 2%

Ethnicity
- Non-Hispanic/Latino 82%
- Hispanic/Latino 5%
- Unknown 13%

COVID-19 Deaths (Cumulative)

COVID-19 Deaths
41

Ages:
43 to 98
Average:
81 Years

49% **51%**

88%
Known Pre-existing Condition(s)

59%
Resided in Congregate Living

COVID-19 Deaths by Month

(bar chart)
y-axis: 0, 5, 10, 15, 20
March, April, May, June, July, August

Race (pie chart)
Black 7%
Other 3%
White 90%

Ethnicity (pie chart)
Hispanic/Latino 5%
Unknown 2%
Non-Hispanic/Latino 93%
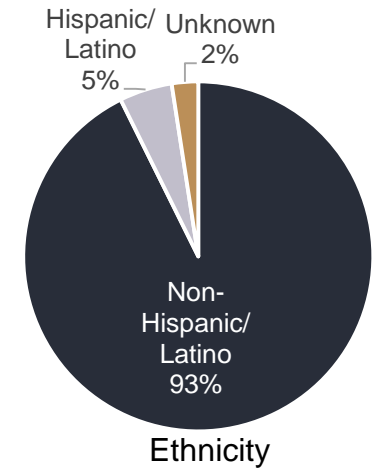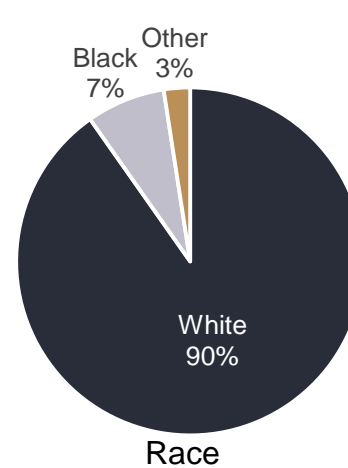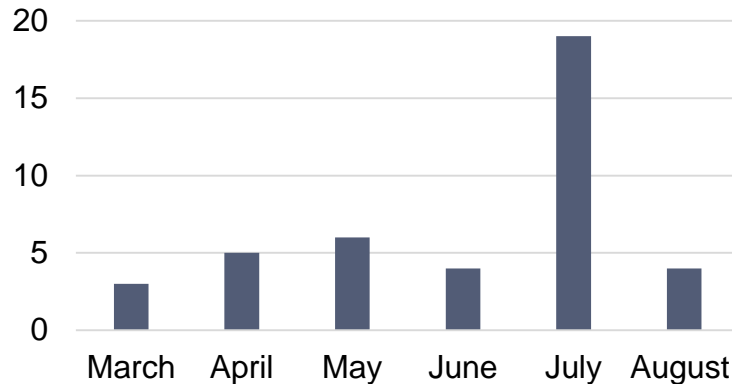
At a Glance

Since Last Data Report Release*			
Metric	8/4	8/11	Change
Total Reported Cases (Cumulative)	1,054	1,132	+78
Total Reported Hospitalizations (Cumulative)	128	137	+9
Total Reported ICU Admissions (Cumulative)	32	34	+2
Total Reported Deaths (Cumulative)	36	41	+5
Average Age of Cumulative Cases	45	45	----
Average Age of Fatal Cases	81	81	----

August to Date (*Data is preliminary and subject to change as newly reported cases are investigated*)	
Cases with Verified Symptom Onset Date in August**	31
Hospitalizations with Known Admission Date in August	8
ICU Admissions with Known Hospital Admission Date in August	2
COVID-19 Deaths Occurring in August	4

*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: 8/11/2020