COVID-19 in Lake County, Ohio: March 12, 2021

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 Data Extract as of 12:01 am Thursday prior to the date of issue. The level of detail provided has been determined appropriate to ensure the protection of sensitive individual health information. Some data are preliminary, and therefore subject to change.

Total Cases: 18,671

Two-week Incidence Rate per 100,000 population: **163**
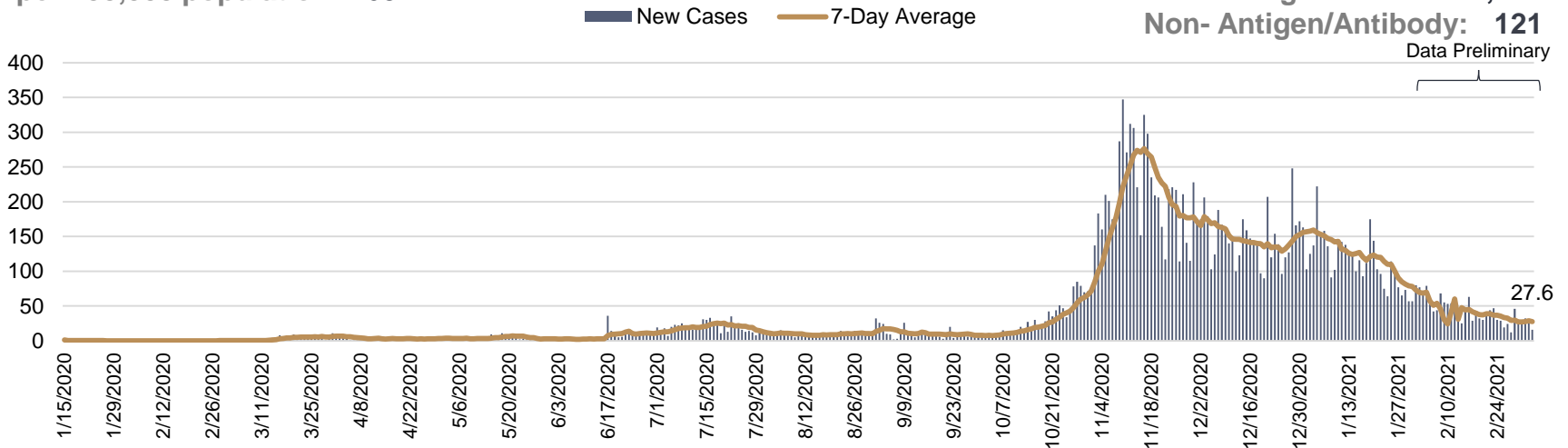
Lab Confirmed Cases: 16,844

New COVID-19 Cases by Event Date*

New Cases — 7-Day Average

Probable Cases: 1,827

Antibody Positive: **16**
Antigen Positive: **1,690**
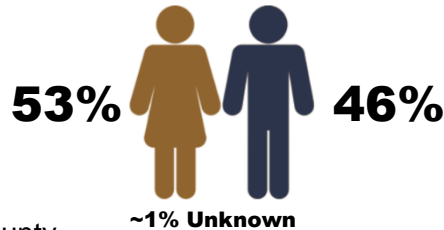Non- Antigen/Antibody: **121**

Data Preliminary

27.6

*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.
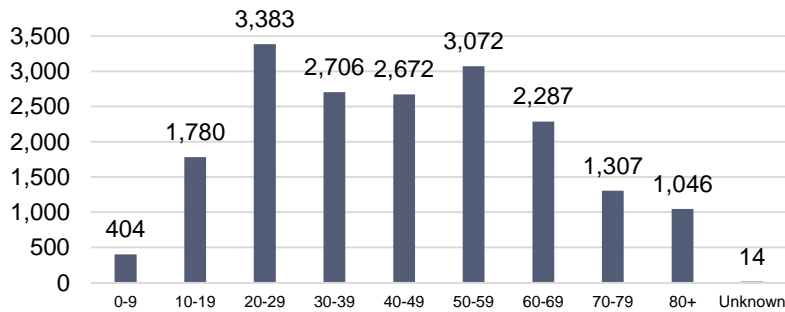
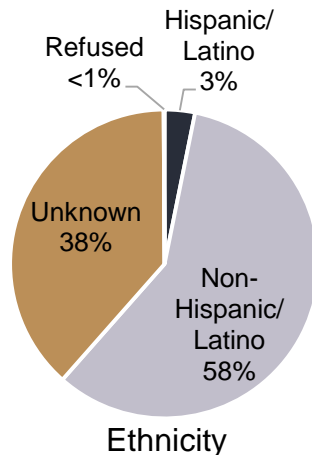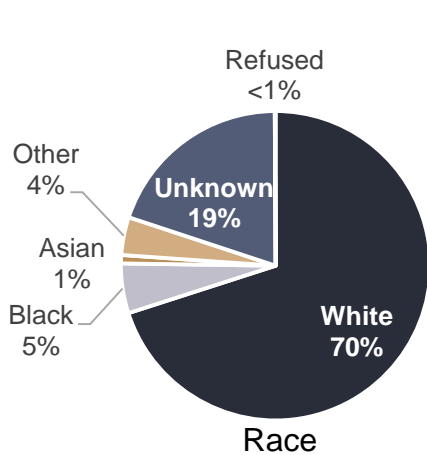# Cumulative Total COVID-19 Cases (N=18,671)

Ages:
<1 to 106
Average:
44 Years

53% **46%**

~1% Unknown

6%
Healthcare Workers

Ages of COVID-19 Cases in Lake County

Age	Count
0-9	404
10-19	1,780
20-29	3,383
30-39	2,706
40-49	2,672
50-59	3,072
60-69	2,287
70-79	1,307
80+	1,046
Unknown	14

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

Race
- White **70%**
- Unknown **19%**
- Black 5%
- Other 4%
- Asian 1%
- Refused <1%

Ethnicity
- Non-Hispanic/Latino **58%**
- Unknown **38%**
- Hispanic/Latino 3%
- Refused <1%

44045

44081
487 Cases
*(+4)

44057
1,481 Cases
*(+37)

44077
4,495 Cases
*(+81)

44086

44060
4,718 Cases
*(+95)

44095
2,412 Cases
*(+46)

44086

44092
1,570 Cases
*(+26)

44094
3,253 Cases
*(+50)

Cumulative Lake County COVID-19 Cases
Change in Total Cases From 3/4 to 3/11

- 1 - 100
- 101 - 1050
- 1051 - 2000
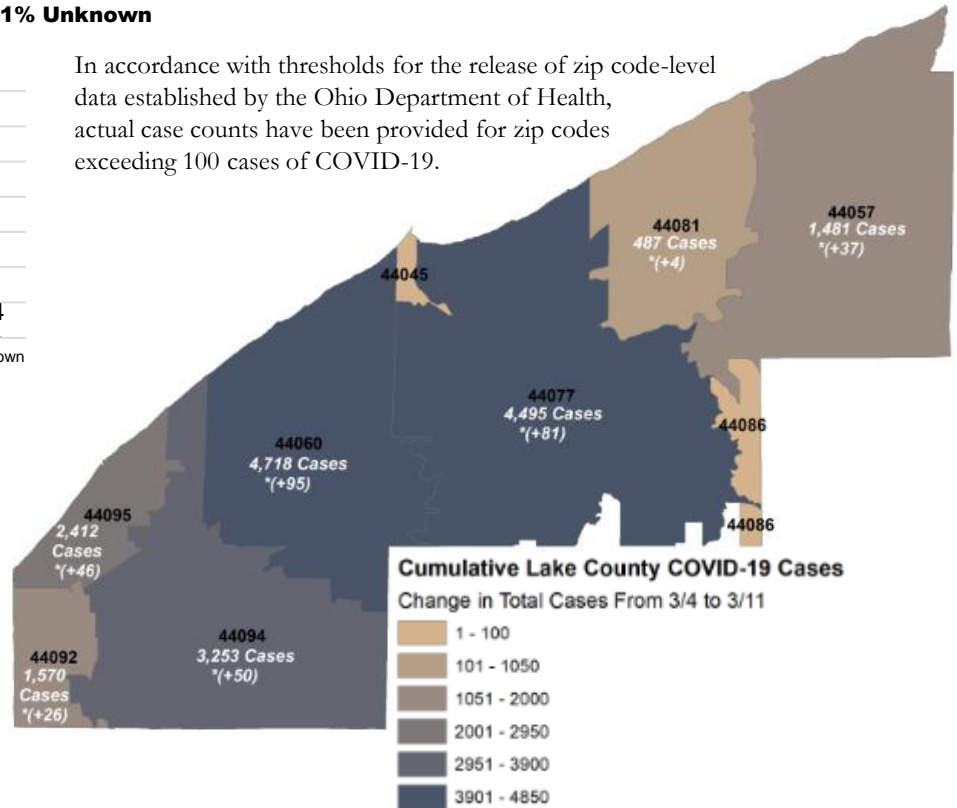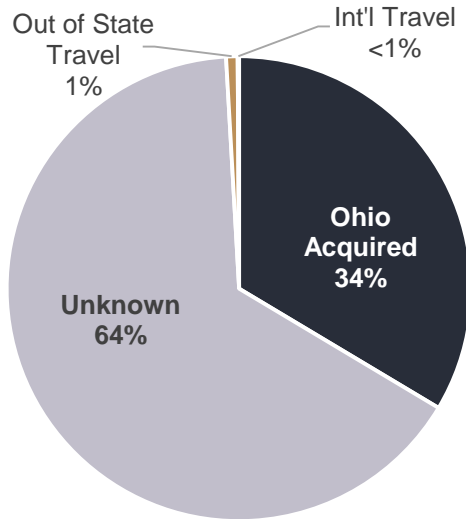- 2001 - 2950
- 2951 - 3900
- 3901 - 4850

Cumulative Total COVID-19 Cases (N=18,671)

Exposure Geography

Out of State Travel 1%
Int'l Travel <1%
Ohio Acquired 34%
Unknown 64%

Exposure Source

Other <1%
Healthcare 3%
Household 7%
Community 7%
Travel 1%
Workplace 2%
Unknown 79%
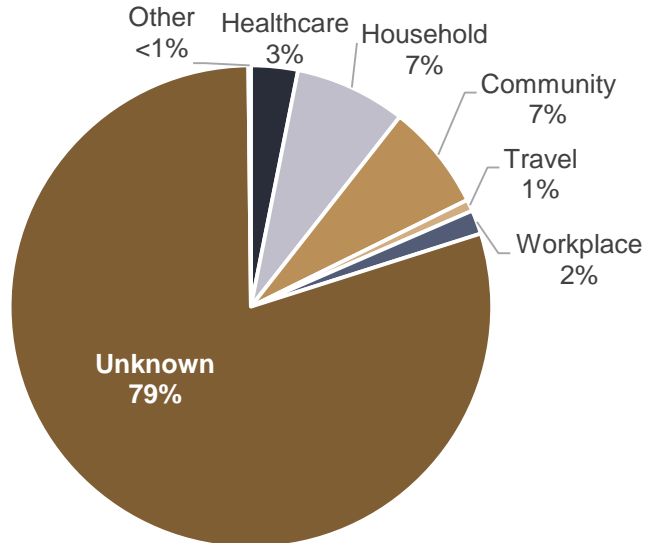
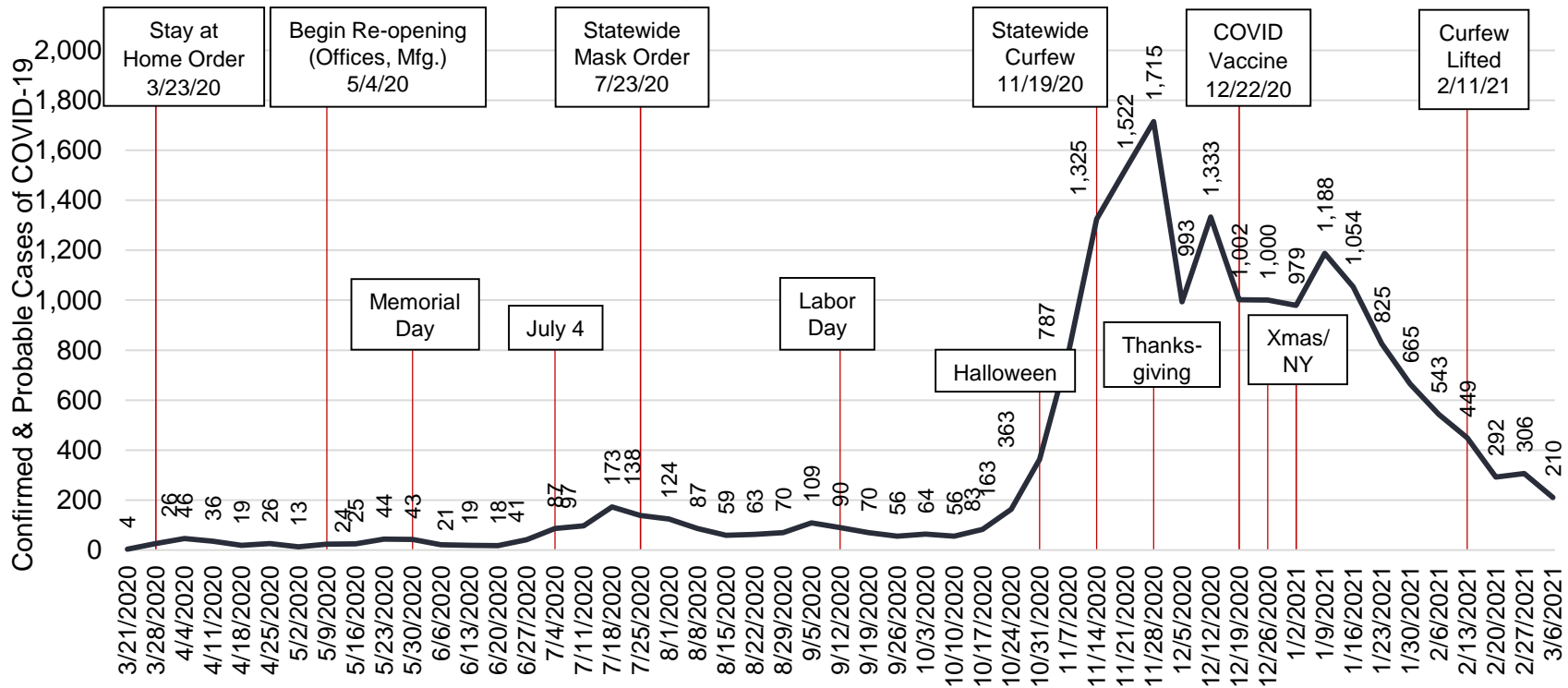**States of Exposure:**

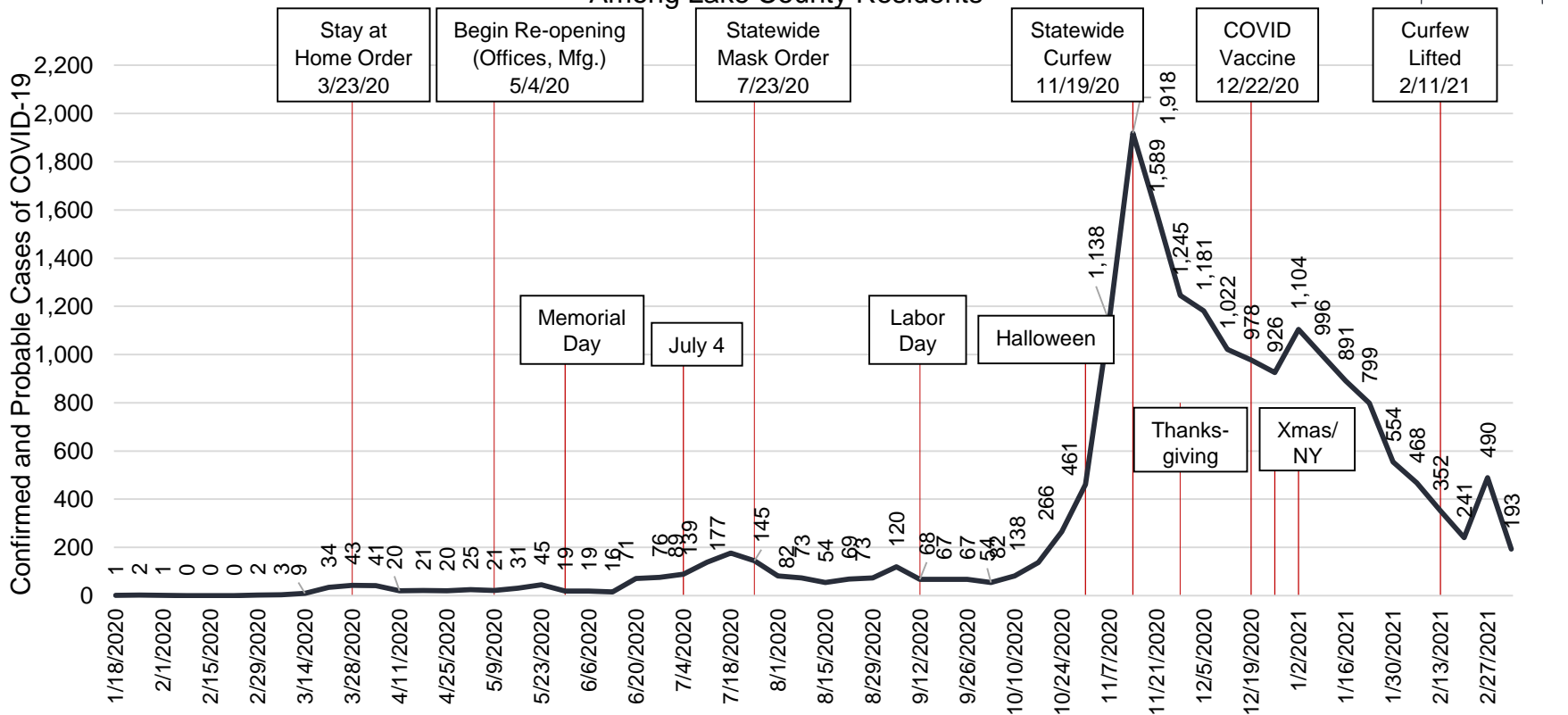|	
Ohio	Minnesota
Alabama	Mississippi
Arizona	North Carolina
California	Nevada
Colorado	New Jersey
Florida	New York
Georgia	Pennsylvania
Illinois	Rhode Island
Indiana	South Carolina
Kentucky	Tennessee
Louisiana	Texas
Maryland	Virginia
Massachusetts	Wisconsin
Michigan	West Virginia

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 purposes of this report, weeks run from Sunday through Saturday. Data reported for each week reflect 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 statewide orders, as well as major holiday observances, are added for reference.

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

Chart annotations:
- Stay at Home Order 3/23/20
- Begin Re-opening (Offices, Mfg.) 5/4/20
- Statewide Mask Order 7/23/20
- Statewide Curfew 11/19/20
- COVID Vaccine 12/22/20
- Curfew Lifted 2/11/21
- Memorial Day
- July 4
- Labor Day
- Halloween
- Thanks-giving
- Xmas/NY

Data values by week: 4, 28, 46, 36, 19, 26, 13, 24, 25, 44, 43, 21, 19, 18, 41, 87, 97, 173, 138, 124, 87, 59, 63, 70, 109, 90, 70, 56, 64, 56, 83, 163, 363, 787, 1,325, 1,522, 1,715, 993, 1,333, 1,002, 1,000, 979, 1,188, 1,054, 825, 665, 543, 449, 292, 306, 210

Y-axis: Confirmed & Probable Cases of COVID-19 (0 to 2,000)

X-axis dates: 3/21/2020 through 3/6/2021

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 statewide orders, vaccine availability, as well as major holiday observances, are added for reference.

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

Data Preliminary

Annotations on graph:
- Stay at Home Order 3/23/20
- Begin Re-opening (Offices, Mfg.) 5/4/20
- Statewide Mask Order 7/23/20
- Statewide Curfew 11/19/20
- COVID Vaccine 12/22/20
- Curfew Lifted 2/11/21
- Memorial Day
- July 4
- Labor Day
- Halloween
- Thanks-giving
- Xmas/NY

Data values: 1, 2, 1, 0, 0, 0, 2, 3, 9, 34, 43, 41, 20, 21, 20, 25, 21, 31, 45, 19, 19, 16, 71, 76, 89, 139, 177, 145, 82, 73, 54, 69, 73, 120, 68, 67, 67, 54, 92, 138, 266, 461, 1,138, 1,589, 1,918, 1,245, 1,181, 1,022, 978, 926, 1,104, 996, 891, 799, 554, 468, 352, 241, 490, 193

COVID-19 Hospitalizations Among Lake County Residents (Cumulative)

708 Cases Hospitalized (~3.8% of cases)
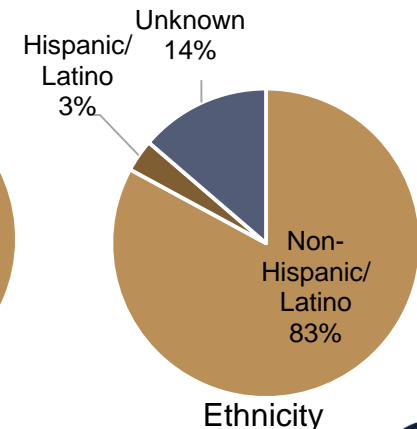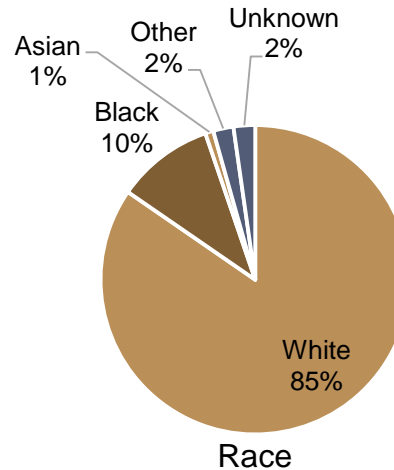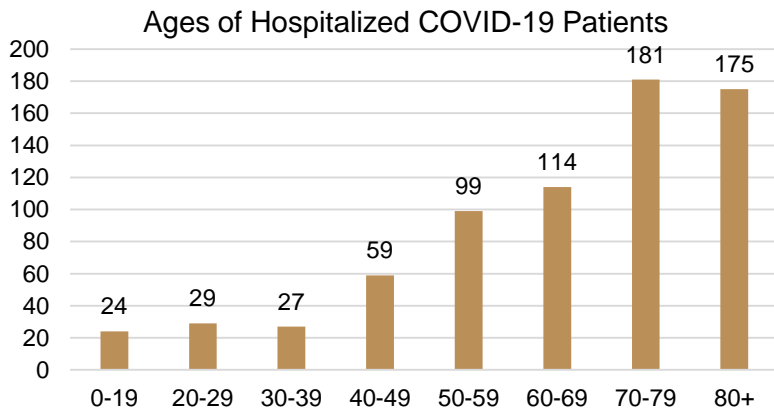
Length of Stay: **1 to 38 days** Average: **6.6 Days**

94 ICU Admissions

Ages: **<1 to 104** Average: **65 Years**

45% **55%**

50% Known Pre-existing Condition(s)

Ages of Hospitalized COVID-19 Patients

Age Group	Count
0-19	24
20-29	29
30-39	27
40-49	59
50-59	99
60-69	114
70-79	181
80+	175

Race
- Asian 1%
- Other 2%
- Unknown 2%
- Black 10%
- White 85%

Ethnicity
- Hispanic/Latino 3%
- Unknown 14%
- Non-Hispanic/Latino 83%

COVID-19 Deaths (Cumulative)

To date, 388 deaths have been reported among COVID-19 cases who were Lake County residents. For 30 deaths, cause of death was not directly attributed to COVID-19, or has yet to be determined. The subset reported below has been determined to meet the vital statistics criteria outlined in the Ohio Infectious Disease Control Manual as deaths from COVID-19. Those who do not currently meet the criteria, commonly referred to as "deaths with COVID-19," are excluded from reported statistics.

Deaths from COVID-19
358

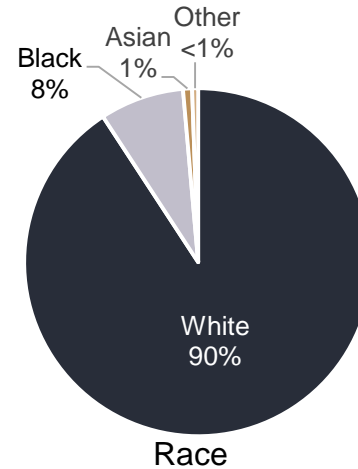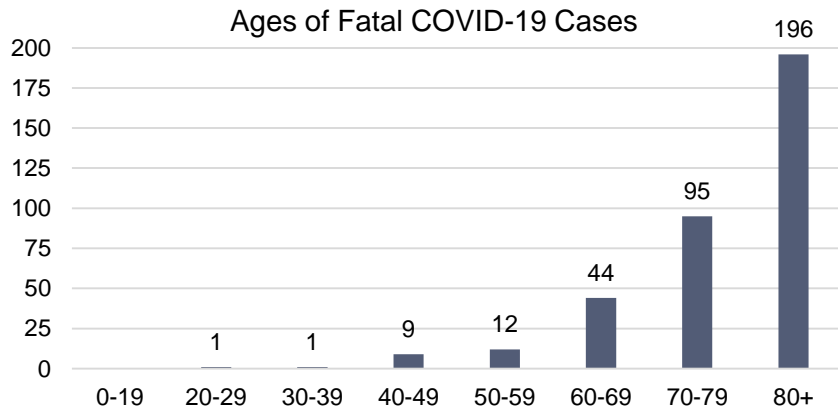**Ages:**
20 to 103
Average:
**80 Years**

46% — 54%

46%
Known Pre-existing Condition(s)

38%
Resided in Congregate Living

Ages of Fatal COVID-19 Cases

Age group	Count
0-19	0
20-29	1
30-39	1
40-49	9
50-59	12
60-69	44
70-79	95
80+	196

Race
- White 90%
- Black 8%
- Asian 1%
- Other <1%

Ethnicity
- Non-Hispanic/Latino 98%
- Hispanic/Latino 2%
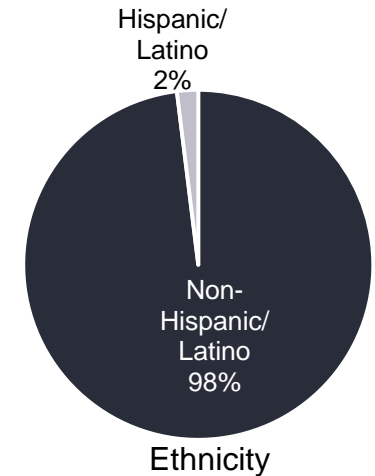
COVID-19 Measures by Month

For data presented below, cases are classified by Event Date (first sequential date associated with a case - see detailed definition on page 5). Hospitalizations and ICU admissions are classified by facility admit date, and deaths are classified by date of death.
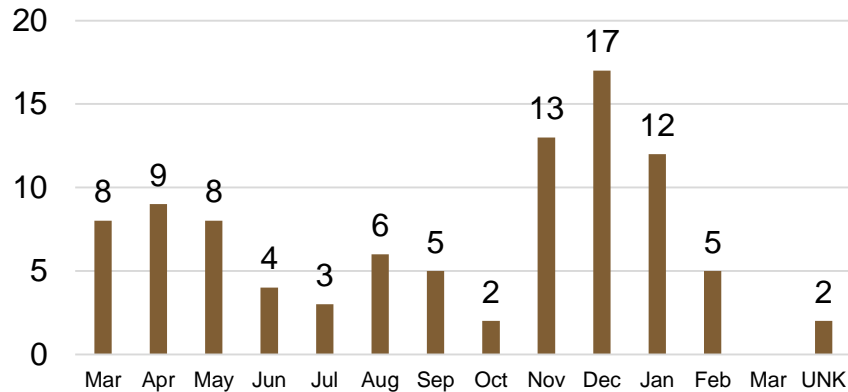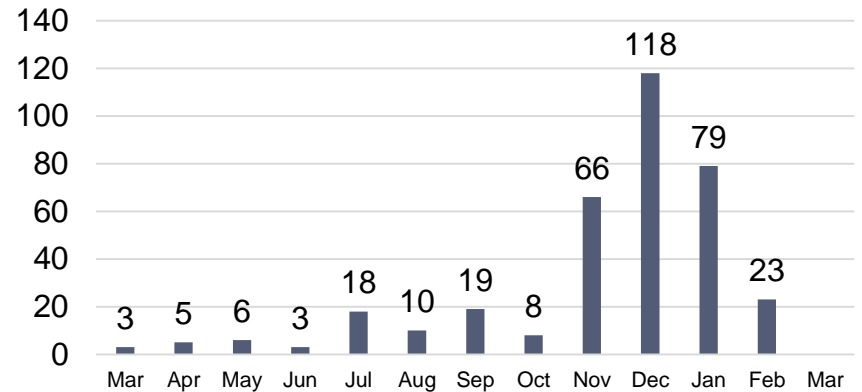

COVID-19 Cases by Month
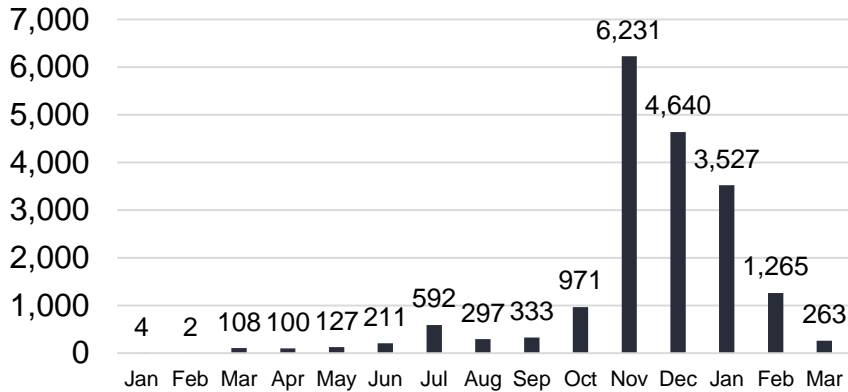
COVID-19 Hospitalizations by Month
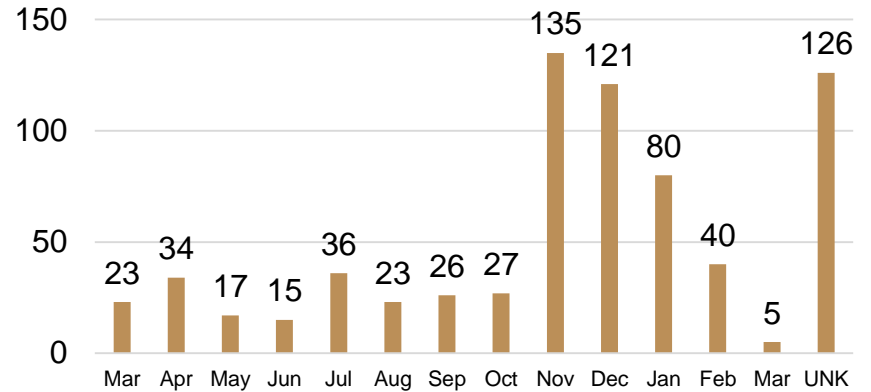
COVID-19 ICU Admissions by Month

Deaths from COVID-19 by Month

At a Glance

Reported to LCGHD Since Last Data Report Release *(classified by date reported)**			
Measure	2/28***	3/11	Change
Total Reported COVID-19 Cases (Cumulative)	18,328	18,671	+343
Total Reported COVID-19 Hospitalizations (Cumulative)	694	708	+14
Total Reported COVID-19 ICU Admissions (Cumulative)	94	94	0
Total Reported Deaths from COVID-19 (Cumulative)	305	358	+53
Average Age of Cumulative Cases	44	44	---
Average Age of Cases who Died from COVID-19	80	80	---

March to Date(*data is preliminary and subject to change as newly reported cases are investigated*)	
Cases with Verified Symptom Onset Date Occurring in March**	69
COVID-19 Cases Hospitalized with Known Admission Date Occurring in March	5
COVID-19 Cases Admitted to ICU with Known Hospital Admission Date Occurring in March	0
Known Deaths from COVID-19 Occurring in March	0

*Note this refers to cumulative total reported in each Wednesday Report, by date reported.
**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: 3/11/2021

***Due to delayed update of the Ohio Disease Reporting System's data archives last week, data presented is for 2/28 – 3/11, rather than a single week as usual.