# COVID-19 in Lake County, Ohio: March 26, 2021

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 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: 19,015**

**Two-week Incidence Rate per 100,000 population: 126**

**Lab Confirmed Cases: 17,060**

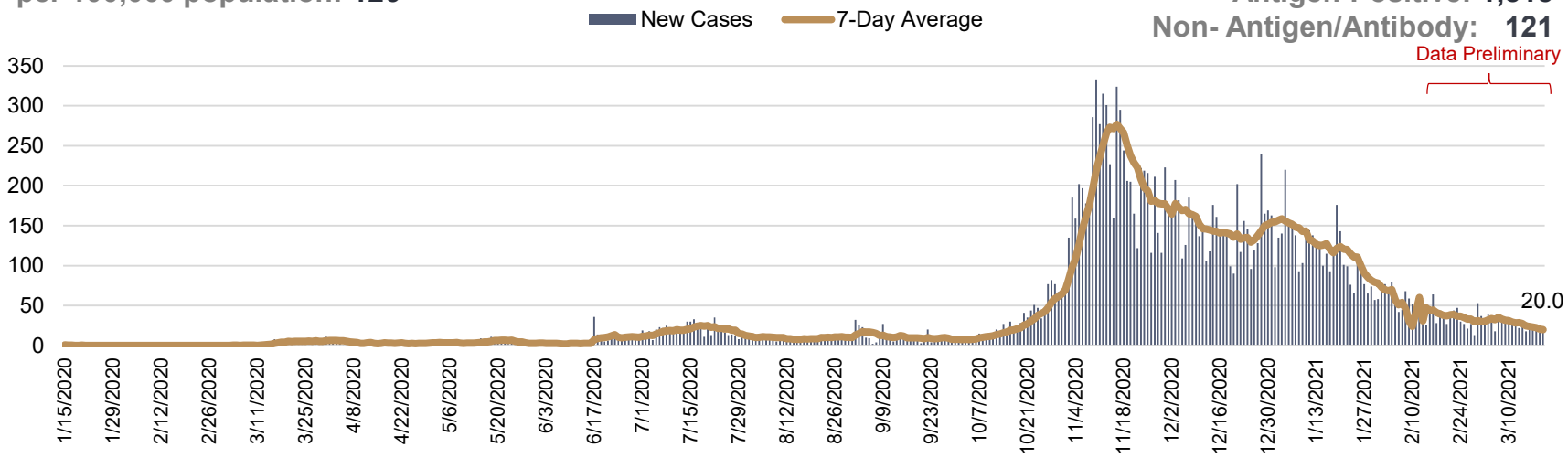
**Probable Cases: 1,955**

**Antibody Positive: 16**

**Antigen Positive: 1,818**

**Non- Antigen/Antibody: 121**

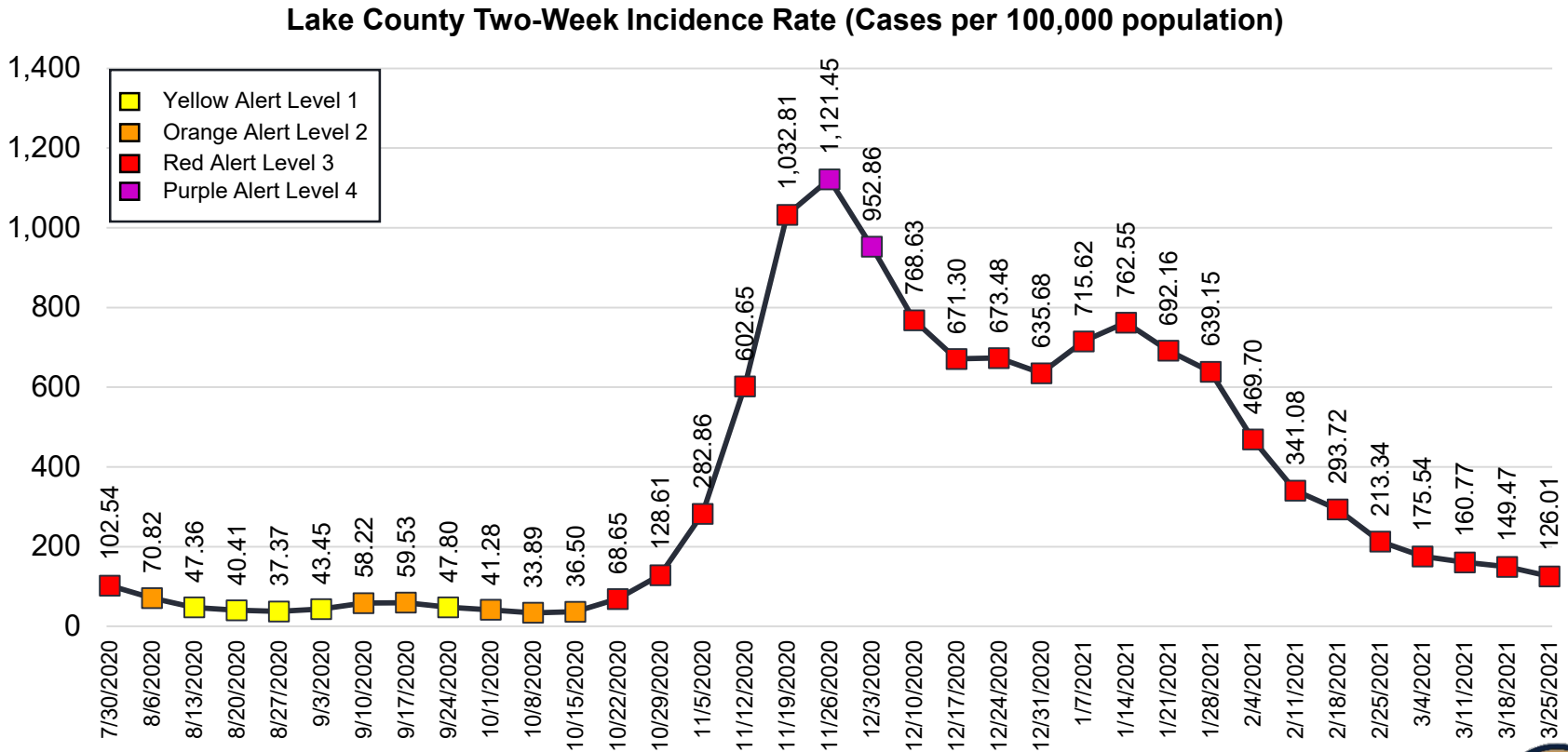
New COVID-19 Cases by Event Date*




*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.

# Lake County Two-Week COVID-19 Incidence Rates

The graph below summarizes the two-week incidence rates for COVID-19 (number of new cases of COVID-19 per 100,000 Lake County Residents) ending on the date indicated. This metric informs Indicator 1, new cases per capita, for the Ohio Public Health Advisory Alert System, adopted July 30, 2020. The markers indicating each week's rate are colored to reflect Lake County's Alert designation for that week (see link for details). Note, alert level is determined using seven (7) indicators, not only incidence. A two-week rate below 50 per 100,000 population for all of Ohio will be the threshold for lifting all statewide COVID-19 health restrictions.



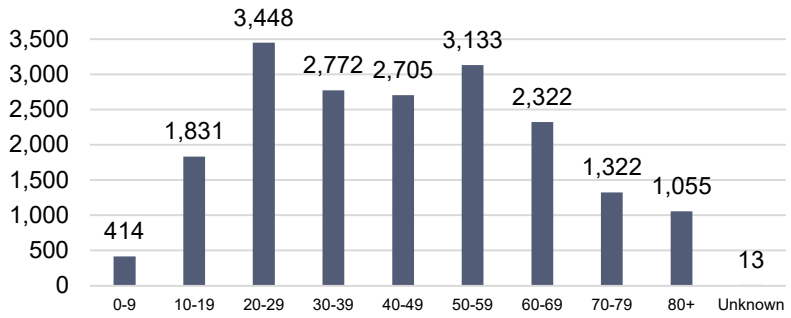
# Cumulative Total COVID-19 Cases (N=19,015)

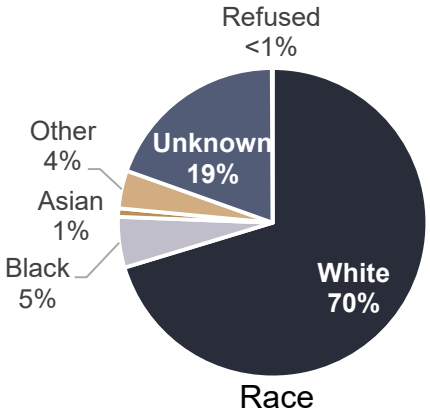
**Ages:**
**<1 to 106**
**Average:**
**44 Years**

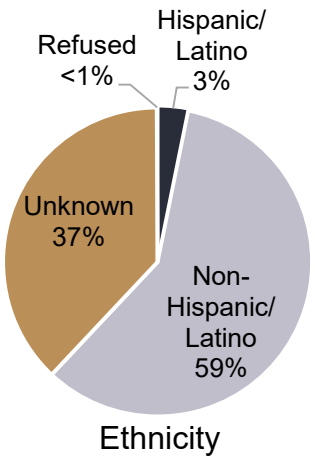
**53%** **46%**
**~1% Unknown**

**6%**
**Healthcare Workers**

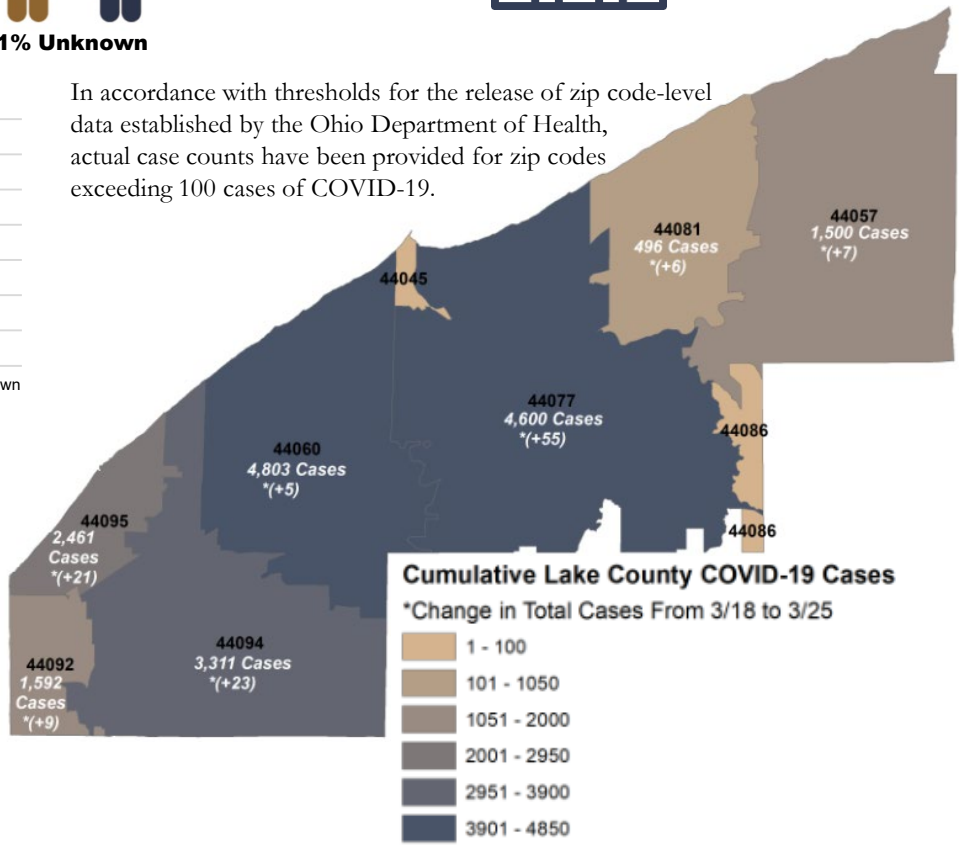
## Ages of COVID-19 Cases in Lake County



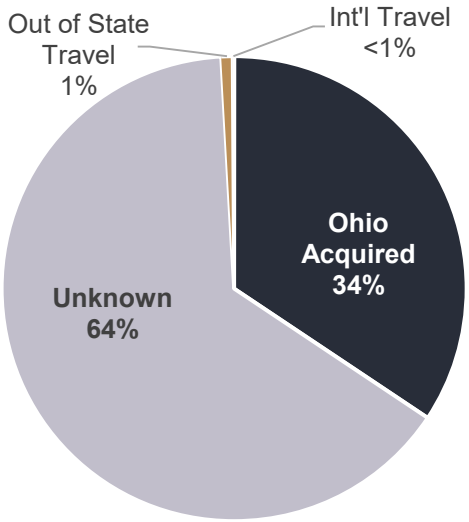



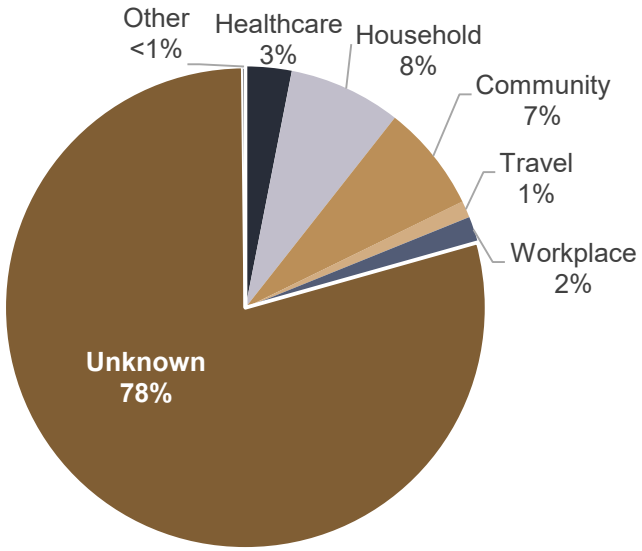

In accordance with thresholds for the release of zip code-level data established by the Ohio Department of Health, actual case counts have been provided for zip codes exceeding 100 cases of COVID-19.



# Cumulative Total COVID-19 Cases (N=19,015)




**Exposure Geography**




**Exposure Source**

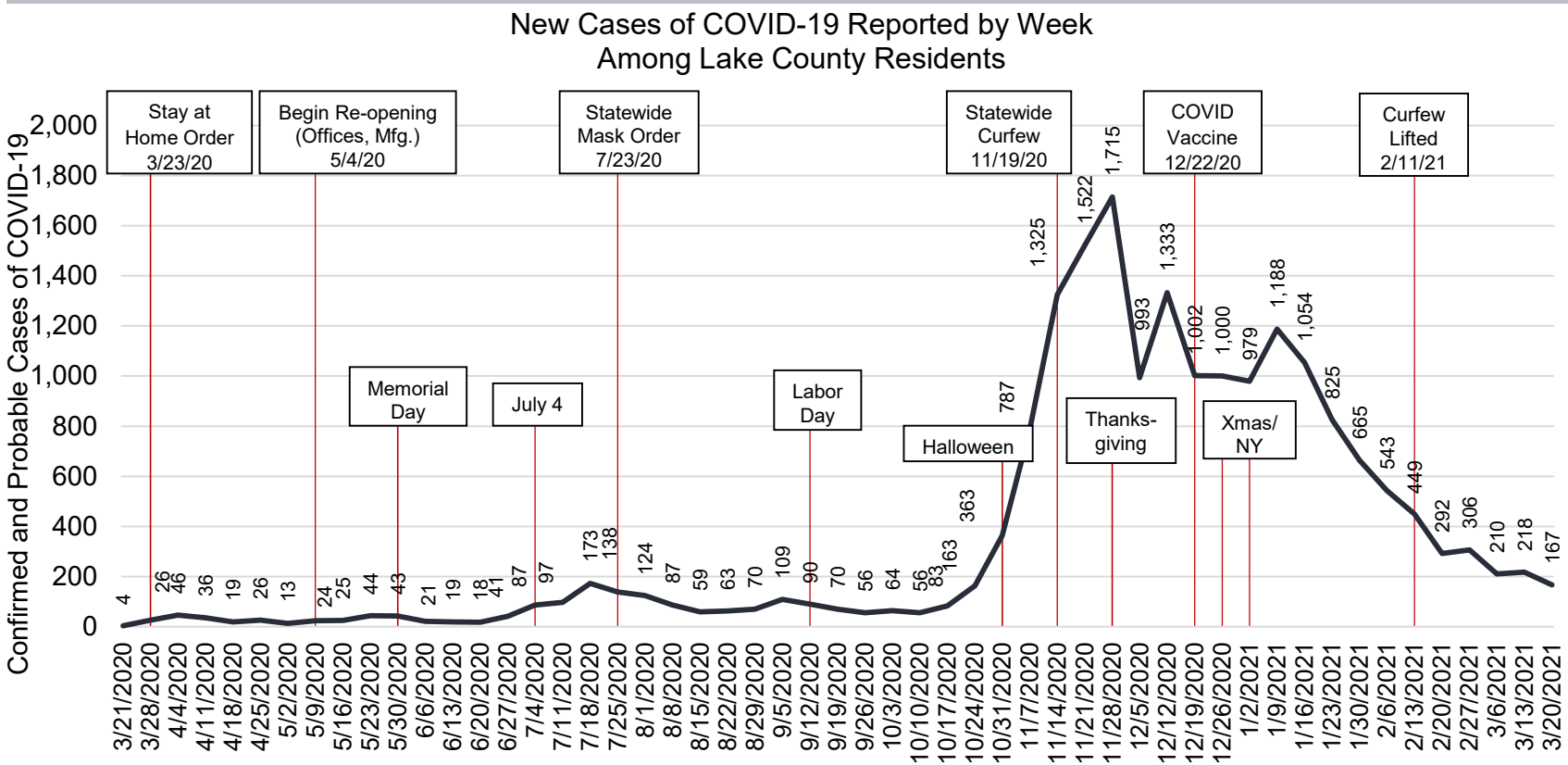
## States of Exposure:

| | |
|---|---|
| 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 |

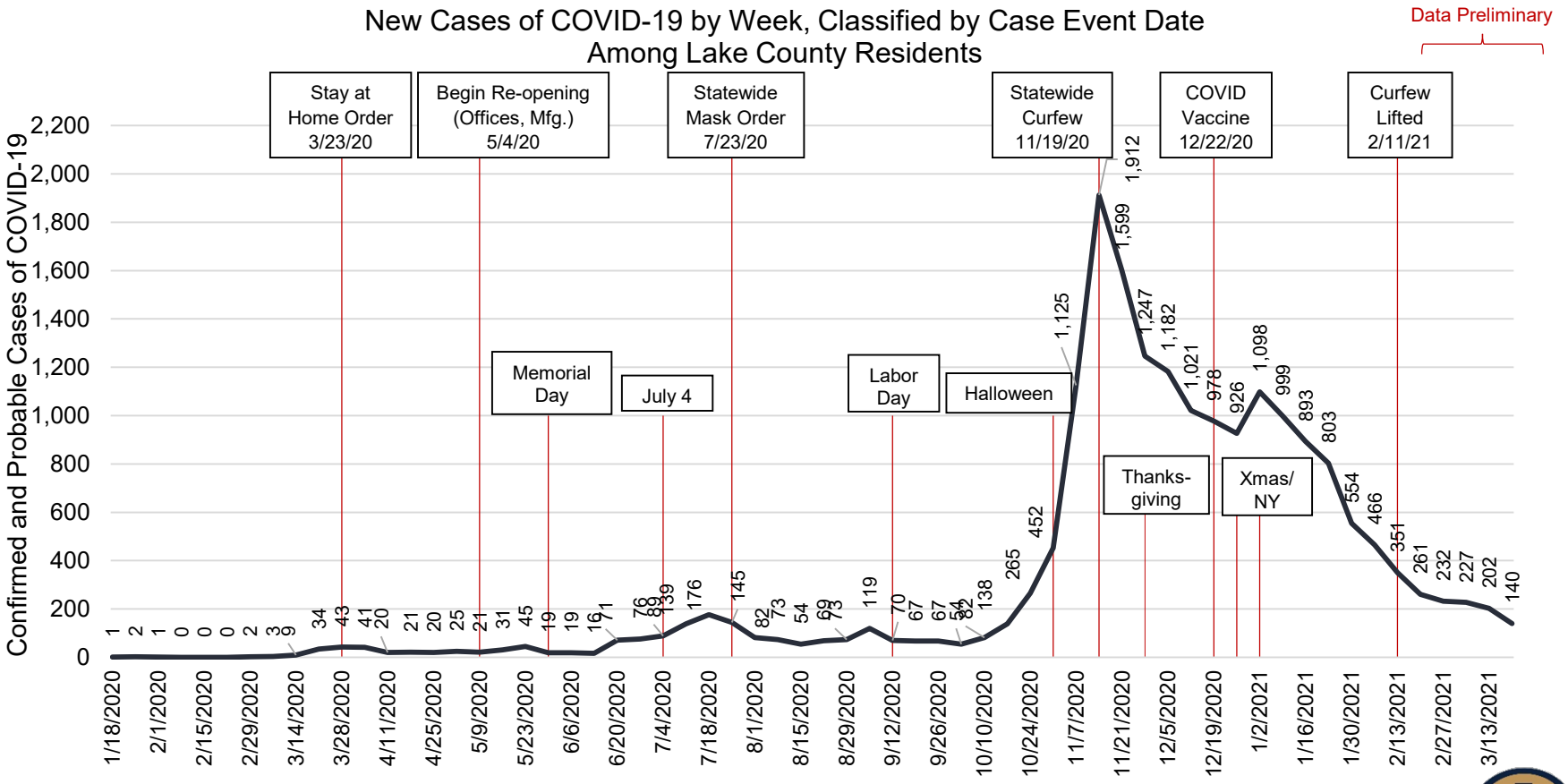
## Countries of Exposure:

United States
China
Dominican Republic
Jamaica
Mexico
United Arab Emirates

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.



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.



## COVID-19 Hospitalizations Among Lake County Residents (Cumulative)

**741**
**Cases Hospitalized (~3.9% of cases)**

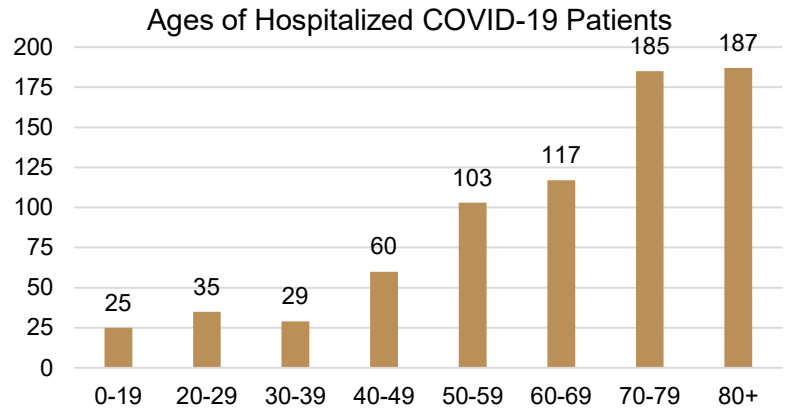
**Length of Stay:**
**1 to 38 days**
**Average:**
**6.8 Days**

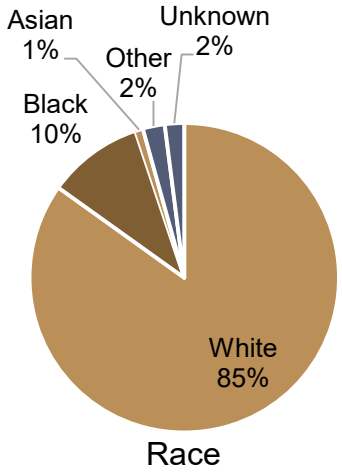
**94**
**ICU Admissions**

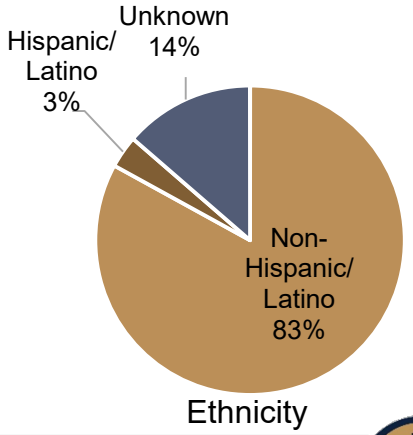
**Ages:**
**<1 to 104**
**Average:**
**65 Years**

**44%** **56%**

**50%**
**Known Pre-existing Condition(s)**



# COVID-19 Deaths (Cumulative)

To date, 396 deaths have been reported among COVID-19 cases who were Lake County residents. For 26 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. Note, these statistics are compiled from the Ohio Disease Reporting System, and as of March 2, 2021, may no longer match death numbers reported on the ODH Dashboard, which now uses data exclusively from the Electronic Death Reporting System for COVID-19 deaths.

**Deaths from COVID-19**

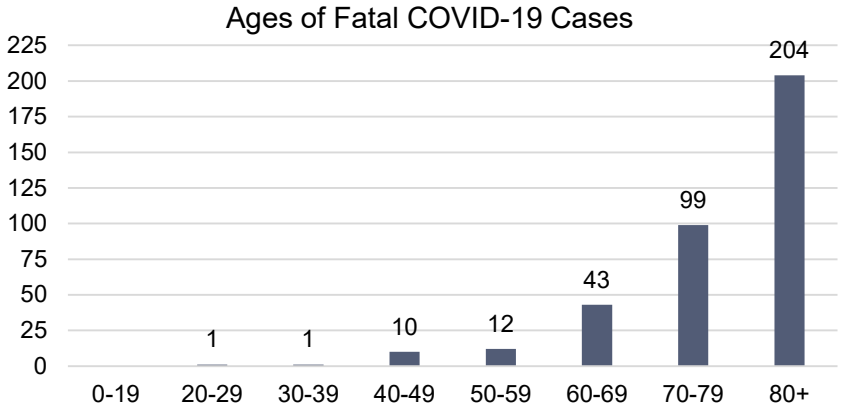
**370**

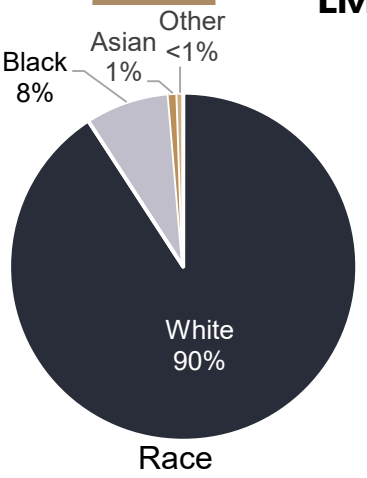
**Ages:**
**20 to 103**
**Average:**
**80 Years**

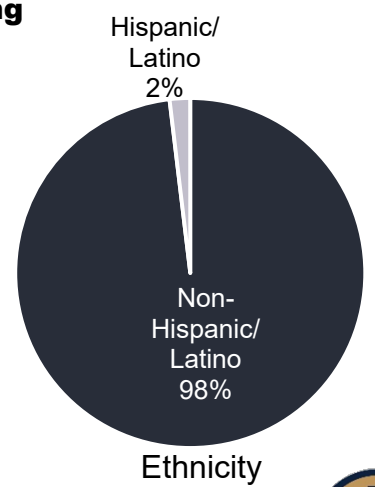
**46%** **54%**

**47%**
**Known Pre-existing Condition(s)**

**38%**
**Resided in Congregate Living**



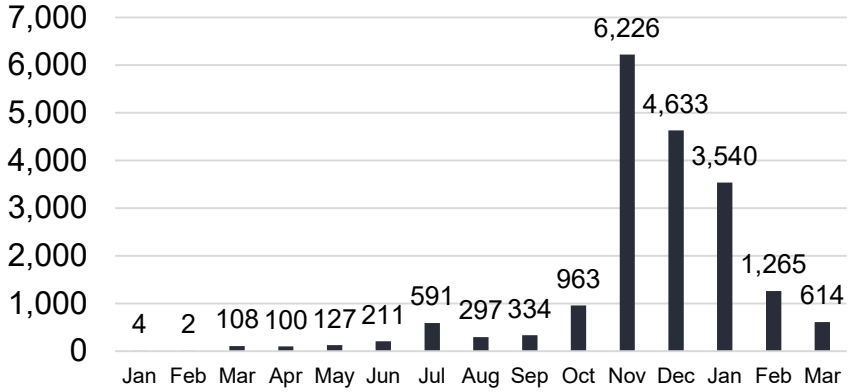



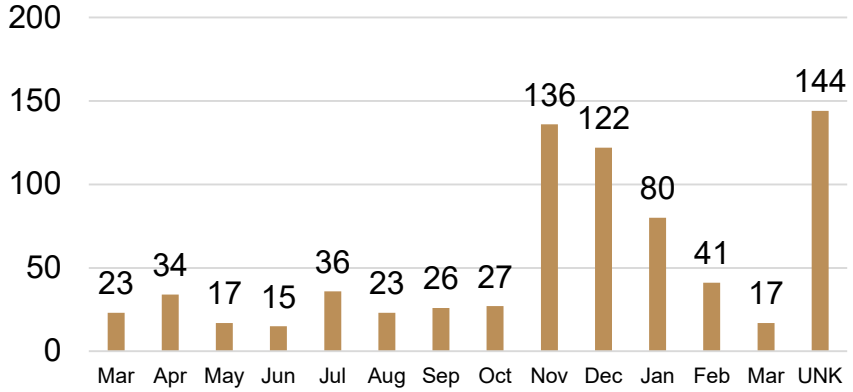
# COVID-19 Measures by Month

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.

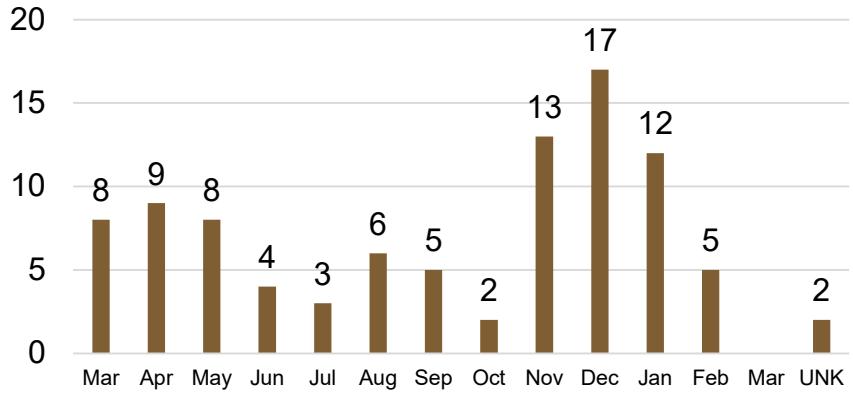
## COVID-19 Cases by Month



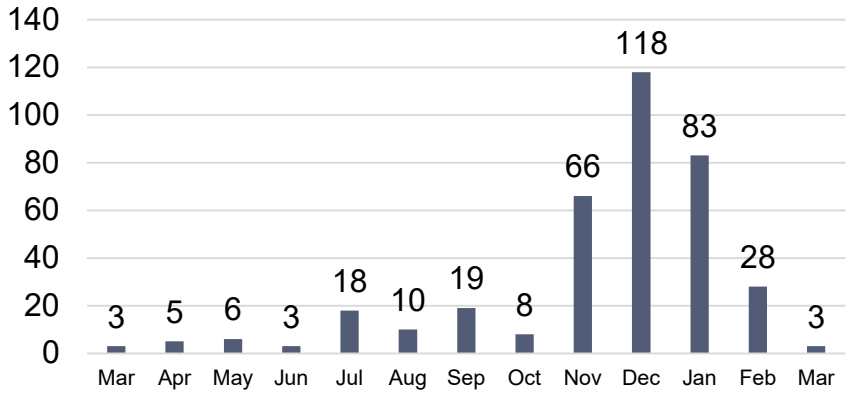

## COVID-19 Hospitalizations by Month




## 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** | **3/18** | **3/25** | **Change** |
| Total Reported COVID-19 Cases (Cumulative) | 18,852 | 19,015 | +163 |
| Laboratory Confirmed COVID-19 Cases (Cumulative) | 16,960 | 17,060 | +100 |
| Probable COVID-19 Cases (Cumulative)** | 1,892 | 1,955 | +63 |
| Total Reported COVID-19 Hospitalizations (Cumulative) | 723 | 741 | +18 |
| Total Reported COVID-19 ICU Admissions (Cumulative) | 94 | 94 | --- |
| Total Reported Deaths from COVID-19 (Cumulative) | 361 | 370 | +9 |
| 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*) | |
|---|---|
| Total new cases in March (by Event Date) | 614 |
| COVID-19 Cases Hospitalized with Known Admission Date Occurring in March | 17 |
| COVID-19 Cases Admitted to ICU with Known Hospital Admission Date Occurring in March | 0 |
| Known Deaths from COVID-19 Occurring in March | 3 |

*Note this refers to cumulative total reported in each weekly report, by date reported.

**Includes positive antigen tests (majority), positive antibody tests (n=16), and other cases meeting probable criteria including known exposure and symptoms without a positive test result.

Lake County General Health District
Public Health
Prevent. Promote. Protect.

REV: 3/25/2021