

# COVID-19 in Lake County, Ohio: December 3, 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: 31,920**

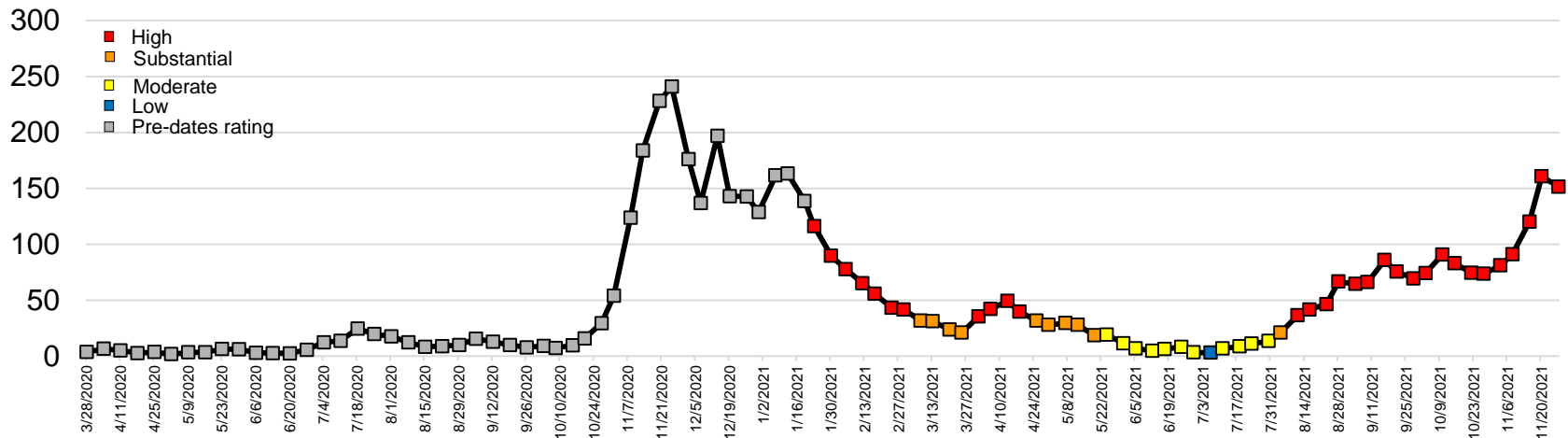
**Lab Confirmed Cases: 26,983**

**Probable Cases: 4,937**

**Two Week Incidence Rate:**  
**919.0**  
cases per 100,000 population

**At Least 1 Dose Vaccine: 147,500 (64.09%)**  
**Fully Vaccinated: 136,687 (59.39%)**  
(% based on total Lake County population per [ODH Dashboard](#))

**CDC Transmission Rate (Weekly 7 Day Moving Average)**





The graph above summarizes the seven-day rolling averages for Lake County's COVID-19 cases since the beginning of the pandemic and transmission rates beginning in January, 2021, according to county-level transmission rate data reported by the Centers for Disease Control and Prevention (CDC). Data is presented for each Saturday. This data informs the color-coded [CDC Community Transmission in the U.S. Map](#) which provides standardized data across the country and informs recommendations for preventive measures.

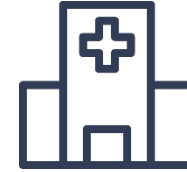


## Cumulative Total COVID-19 Cases (N=31,920)



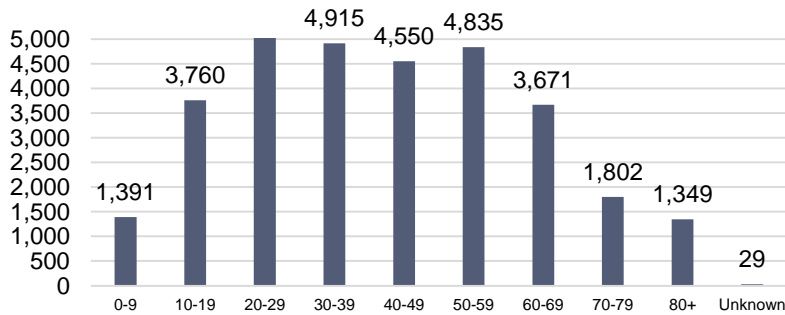
**Ages:**  
**<1 to 106**  
**Average:**  
**42 Years**

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

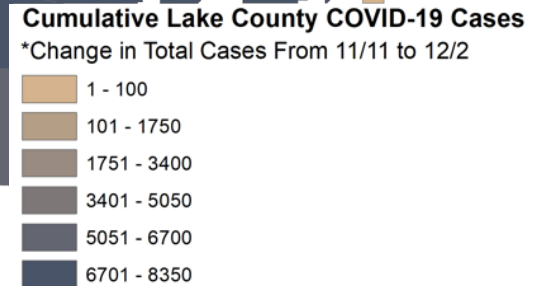
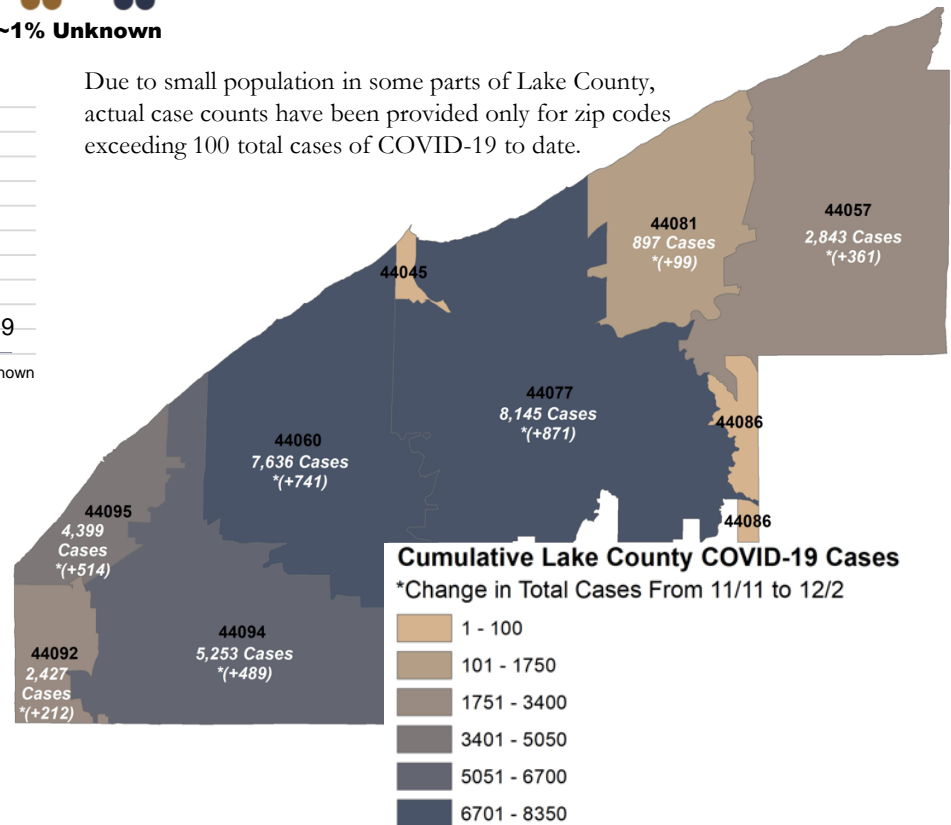
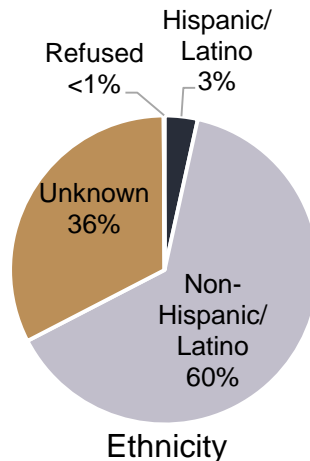
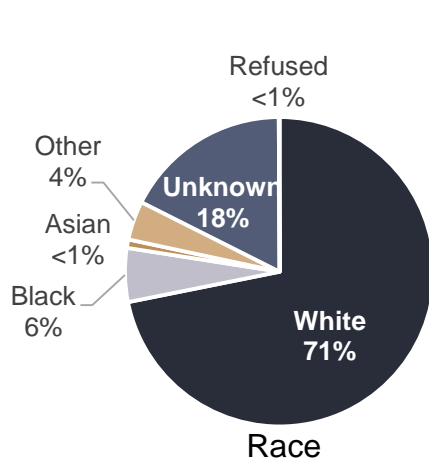


**5%**  
**Healthcare Workers**

Ages of COVID-19 Cases in Lake County

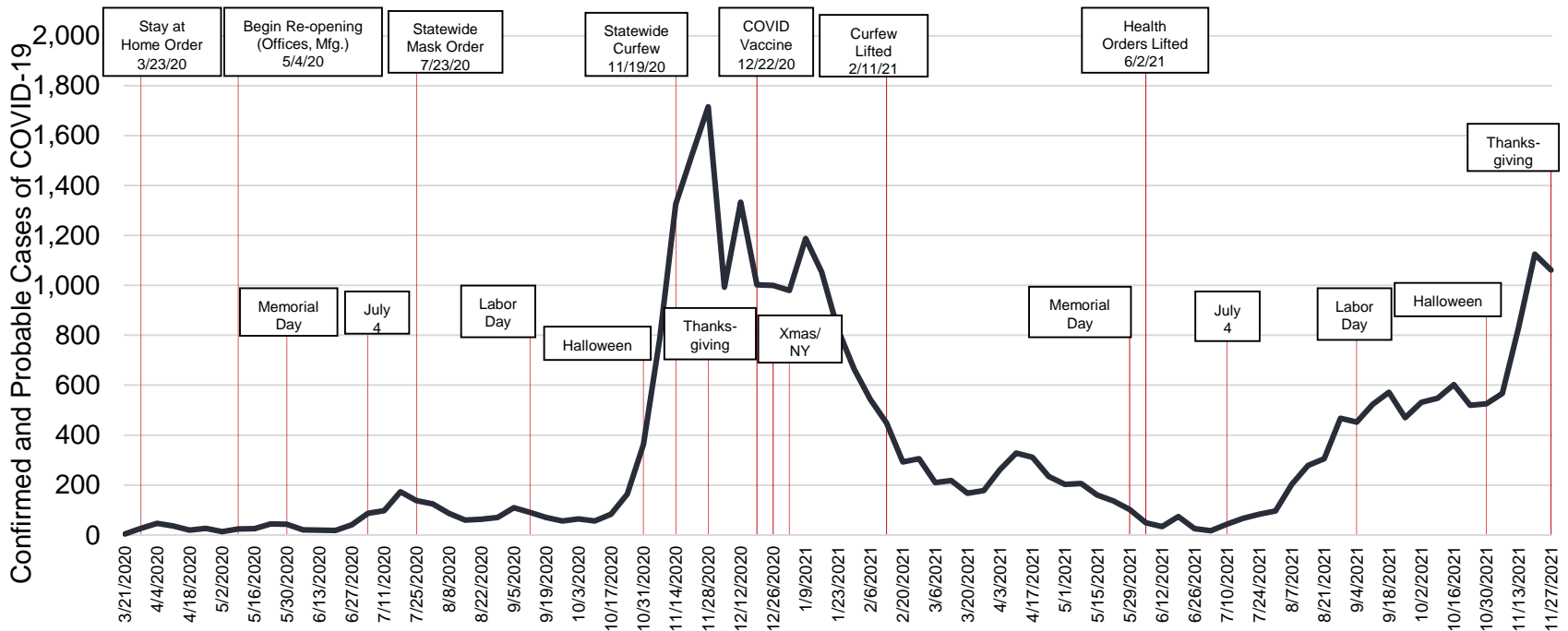


Due to small population in some parts of Lake County, actual case counts have been provided only for zip codes exceeding 100 total cases of COVID-19 to date.



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



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



**1,081**  
Cases  
Hospitalized  
(3.4% of cases)



Length of Stay:  
**1 to 44 days**  
Average:  
**6.6 Days**



**122**  
ICU  
Admissions



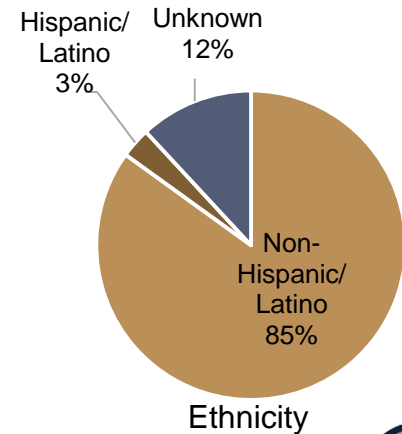
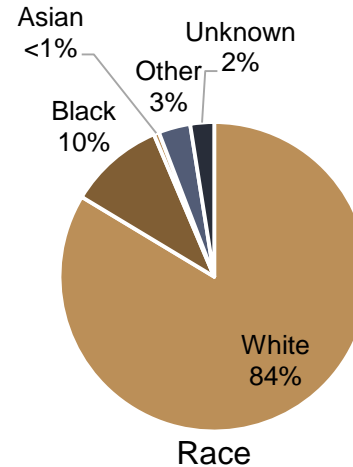
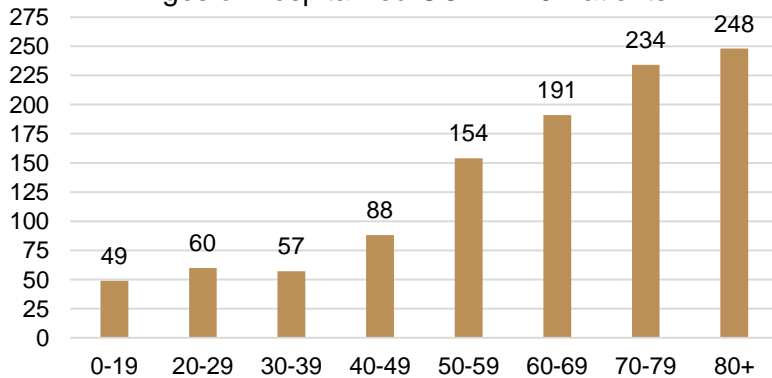
Ages:  
**<1 to 104**  
Average:  
**63 Years**

44%  56% 



**43%**  
Known  
Pre-existing  
Condition(s)

Ages of Hospitalized COVID-19 Patients



## COVID-19 Deaths (Cumulative)

To date, 565 deaths have been reported among COVID-19 cases who were Lake County residents. For 41 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**  
**524**



**Ages:**  
**20 to 104**  
**Average:**  
**78 Years**

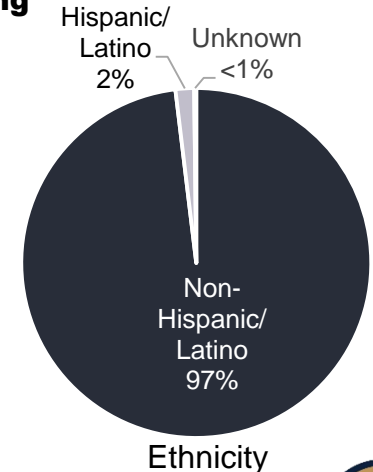
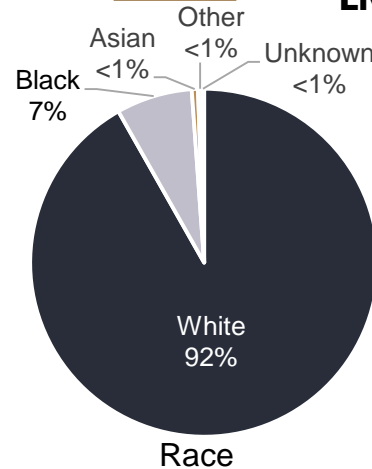
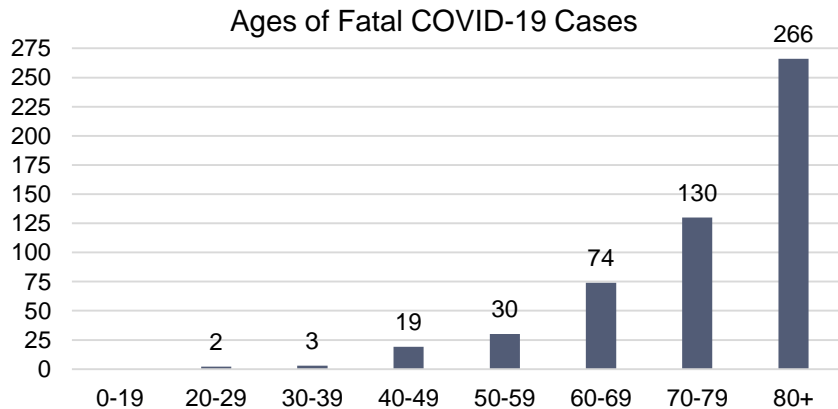
**46%**  **54%** 



**38%**  
**Known  
Pre-existing  
Condition(s)**



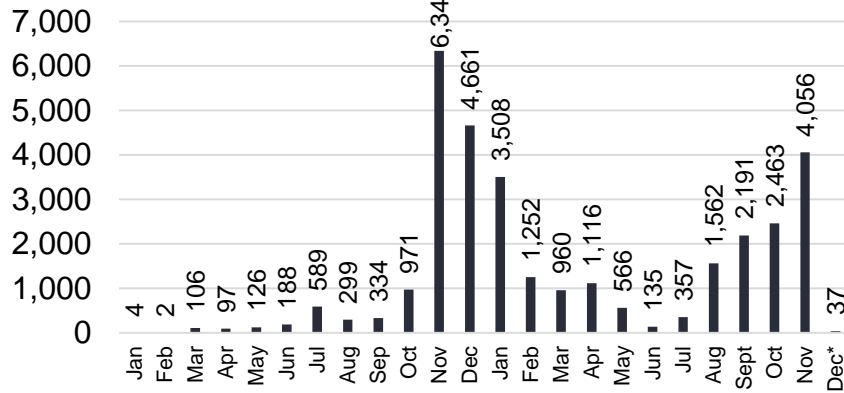
**29%**  
**Resided in  
Congregate  
Living**



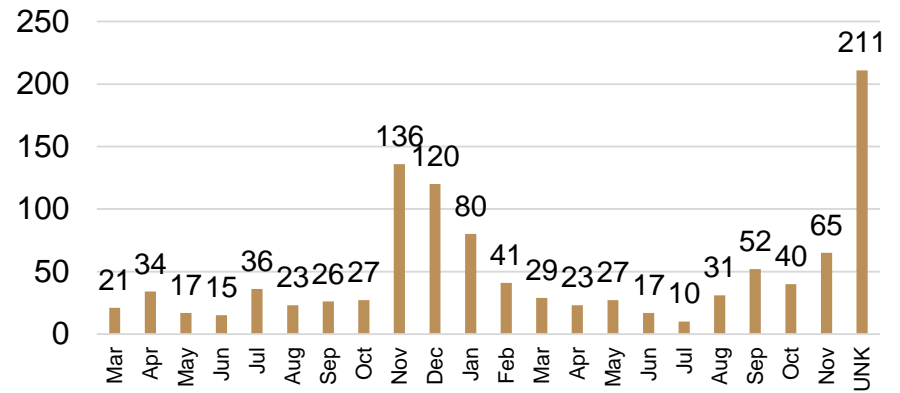
## COVID-19 Measures by Month

For data presented below, cases are classified by Event Date (earliest known date associated with a case – date of symptom onset if known, or date of test). Hospitalizations and ICU admissions are classified by facility admit date, and deaths are classified by date of death.

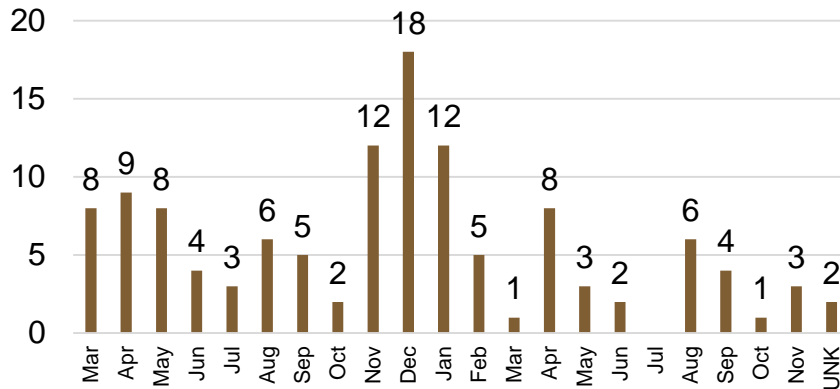
COVID-19 Cases by Month



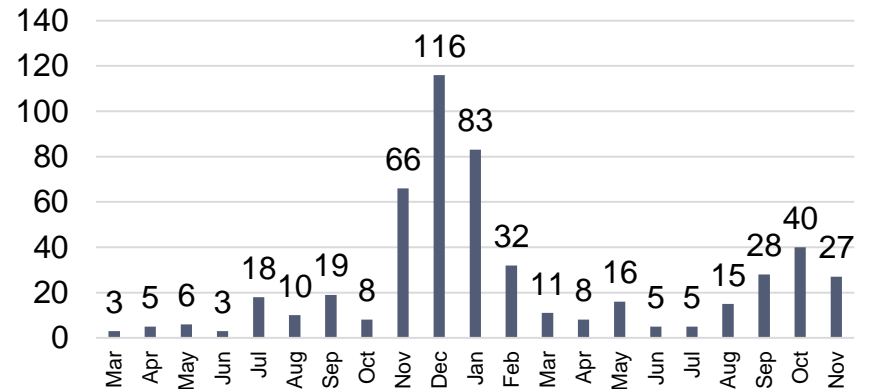
COVID-19 Hospitalizations by Month



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	11/11 <sup>+</sup>	12/2	Change
Total Reported COVID-19 Cases (Cumulative)	28,610	31,920	<b>+3,310</b>
Laboratory Confirmed COVID-19 Cases (Cumulative)	24,607	26,983	<b>+2,376</b>
Probable COVID-19 Cases (Cumulative)**	4,003	4,937	<b>+934</b>
Total Reported COVID-19 Hospitalizations (Cumulative)	1,017	1,081	<b>+64</b>
Total Reported COVID-19 ICU Admissions (Cumulative)	120	122	<b>+2</b>
Total Reported Deaths <u>from</u> COVID-19 (Cumulative)	491	524	<b>+33</b>
Average Age of Cumulative Cases	42	42	---
Average Age of Cases who Died <u>from</u> COVID-19	78	78	---

### October in Review (data is preliminary and subject to change as newly reported cases are investigated)

Total new cases in November (by Event Date)	4,056
COVID-19 Cases Hospitalized with <u>Known</u> Admission Date Occurring in November	65
COVID-19 Cases Admitted to ICU with <u>Known</u> Hospital Admission Date Occurring in November	2
<u>Known</u> Deaths from COVID-19 Occurring in November	27

\*Note this refers to cumulative total reported in each 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: 12/3/2021

<sup>+</sup>Note, the November report was issued off cycle due to technical issues. Changes reflect less than the usual one month's data.