

COVID-19 in Lake County, Ohio: June 3, 2022

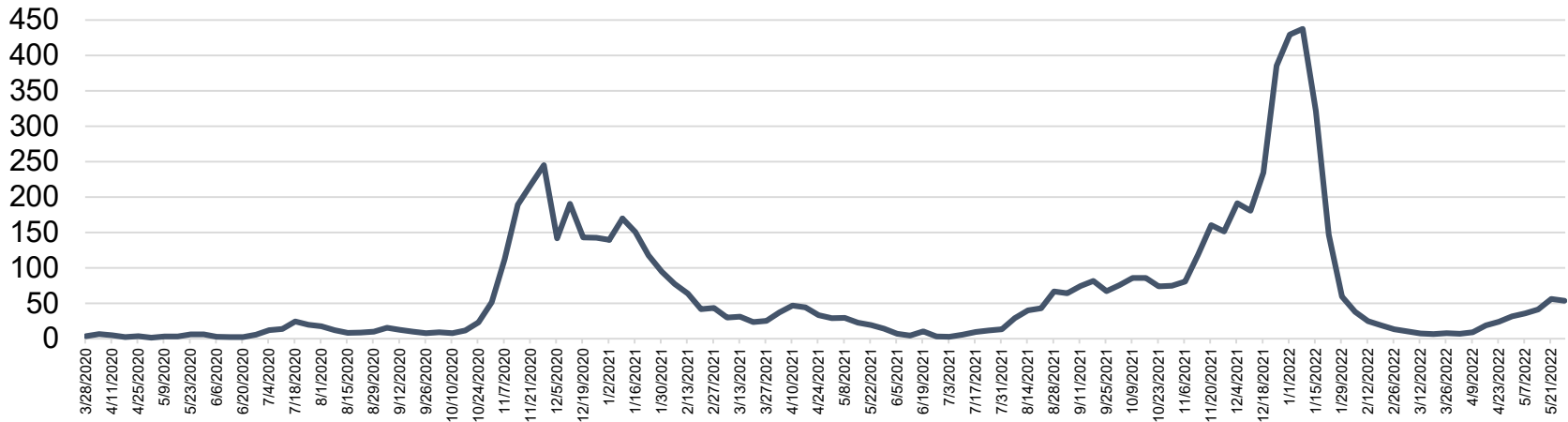
This report summarizes available data for COVID-19 cases in Lake County, Ohio, including both laboratory confirmed and probable cases, based on cumulative data entered in the Ohio Disease Reporting System Data Extract as of 12:01 am Thursday prior to the date of issue. The level of detail provided has been determined appropriate to ensure the protection of sensitive individual health information. Some data are preliminary, and therefore subject to change.

Current CDC Community Level:
(as of 6/2/22)
Medium

Reported Cases 2020: 13,720
Reported Cases 2021: 29,257
Reported Cases 2022 YTD: 7,947

Two Week Incidence Rate:
258.5
cases per 100,000 population

Transmission Rate (Weekly 7 Day Rolling Average)

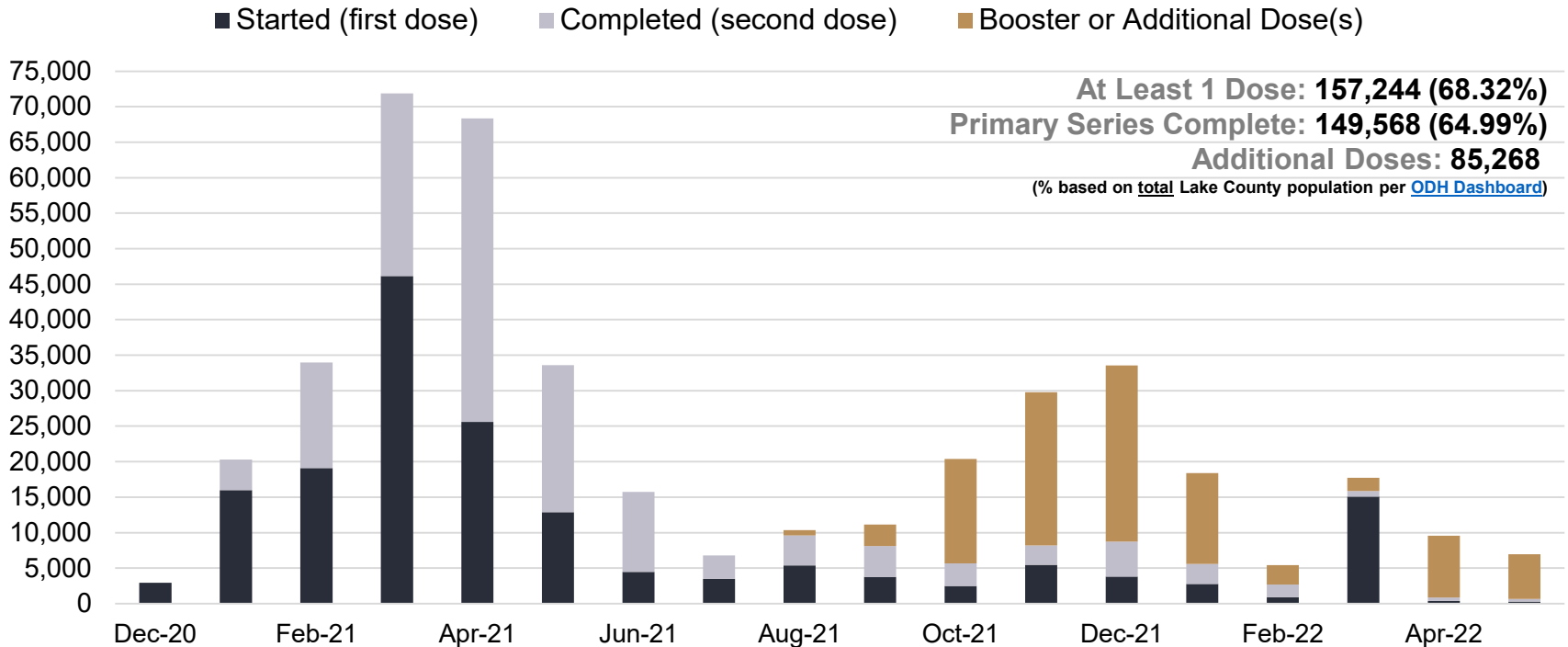


The graph above summarizes the seven-day rolling averages for Lake County’s COVID-19 cases since the beginning of the pandemic according to county-level transmission rate data reported by the Centers for Disease Control and Prevention (CDC). Data is presented for each Saturday, and provides an “Epi Curve” for context across the entire life of the COVID-19 pandemic.



The following graph depicts the number of COVID-19 Vaccine Doses administered to Lake County residents during each calendar month since COVID-19 vaccines became available in the U.S. Vaccination started refers to individuals who have received the first dose in a series (Pfizer or Moderna) or received one dose of J&J. Vaccination completed refers to individuals who have completed their primary vaccination/series (single dose of J&J or two doses of Pfizer or Moderna vaccines). Those in the completed group are also included in the started group count. Booster or Additional Dose(s) refers to vaccinations received beyond the primary series, including third primary dose for individuals with immunocompromised conditions or any booster doses for either healthy or immunocompromised individuals. Data is obtained from the [ODH Vaccination Dashboard](#) CSV file.

COVID-19 Vaccines Administered to Lake County Residents

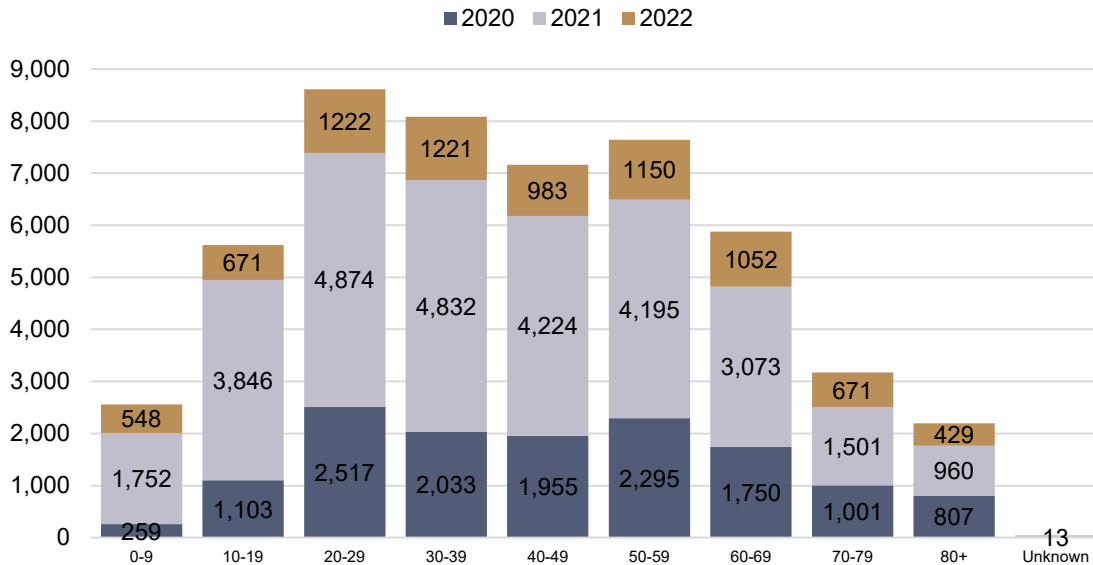


COVID-19 Cases by Calendar Year

Demographic Trends for Lake County Resident COVID-19 Cases

| Year | Age (Years) | | | Sex (%) | | Race (%) | | | | | Ethnicity (%) | | |
|----------|-------------|-----|--------|---------|--------|----------|-------|-------|-------|-----|-----------------|--------------|-----|
| | Min | Max | Median | Male | Female | White | Black | Asian | Other | Unk | Hispanic/Latinx | Non-Hispanic | Unk |
| 2020 | <1 | 106 | 45 | 46 | 54 | 71 | 5 | 1 | 4 | 18 | 3 | 58 | 39 |
| 2021 | <1 | 104 | 38 | 46 | 54 | 75 | 6 | 1 | 4 | 14 | 3 | 73 | 23 |
| 2022 YTD | <1 | 103 | 43 | 43 | 56 | 77 | 4 | 1 | 5 | 12 | 4 | 73 | 23 |

Ages of COVID-19 Cases in Lake County



| Zip Code | 2020 | 2021 | 2022 YTD |
|----------|-------|-------|----------|
| 44045 | 22 | 47 | 13 |
| 44057 | 1,104 | 2,514 | 748 |
| 44060 | 3,464 | 7,051 | 2,098 |
| 44077 | 3,212 | 7,279 | 2,030 |
| 44081 | 389 | 767 | 205 |
| 44086 | 13 | 32 | 7 |
| 44092 | 1,196 | 2,230 | 519 |
| 44094 | 2,379 | 4,835 | 1,236 |
| 44095 | 1,767 | 4,423 | 1,078 |
| Unknown | 170 | 98 | 16 |



COVID-19 Hospitalizations by Calendar Year



Hospitalizations

2020 Total: 566

2021 Total: 684

2022 YTD: 244



ICU Admissions

2020 Total: 79

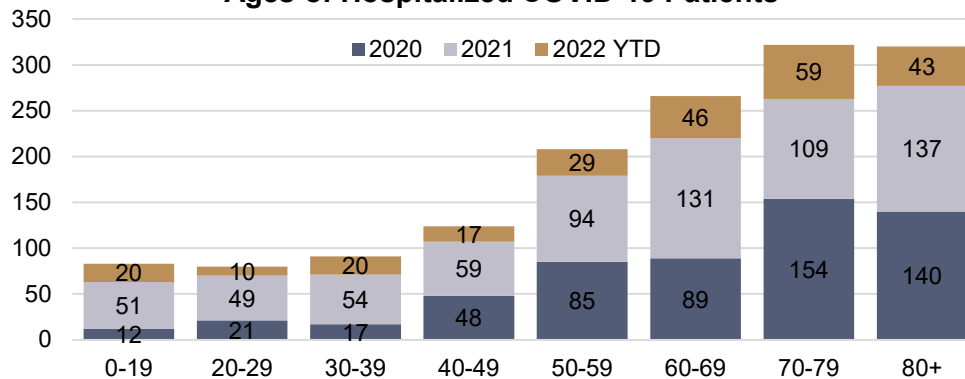
2021 Total: 51

2022 YTD: 21

Demographic Trends for Lake County Resident COVID-19 Hospitalizations

| Year | Age (Years) | | | Sex (%) | | Race (%) | | | | | Ethnicity (%) | | |
|----------|-------------|-----|--------|---------|--------|----------|-------|-------|-------|-----|-----------------|--------------|-----|
| | Min | Max | Median | Male | Female | White | Black | Asian | Other | Unk | Hispanic/Latinx | Non-Hispanic | Unk |
| 2020 | <1 | 100 | 71 | 55 | 45 | 84 | 11 | <1 | 3 | 2 | 4 | 83 | 13 |
| 2021 | <1 | 104 | 63 | 55 | 45 | 83 | 10 | 1 | 4 | 2 | 3 | 88 | 9 |
| 2022 YTD | <1 | 97 | 66 | 52 | 48 | 89 | 7 | <1 | 3 | 1 | 2 | 90 | 7 |

Ages of Hospitalized COVID-19 Patients



Known Pre-existing Condition(s)

2020: 54%

2021: 28%

2022 YTD: 20%



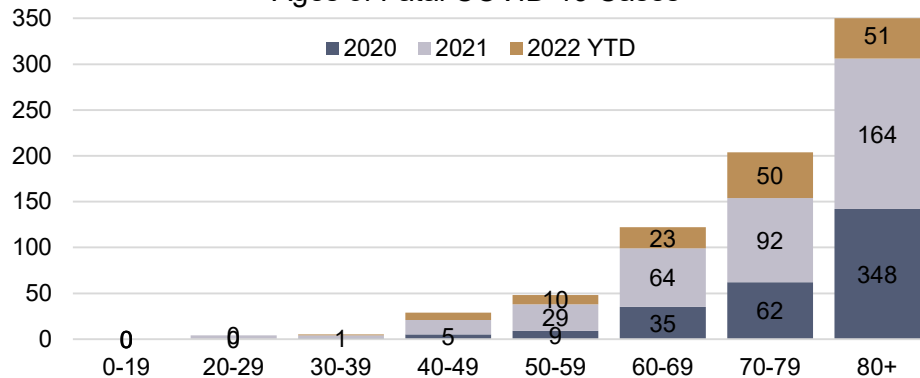
COVID-19 Deaths by Calendar Year

To date, 823 deaths have been reported among COVID-19 cases who were Lake County residents. For 54 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.

Demographic Trends for Lake County Resident COVID-19 Deaths

| Year | Age (Years) | | | Sex (%) | | Race (%) | | | | | Ethnicity (%) | | |
|----------|-------------|-----|--------|---------|--------|----------|-------|-------|-------|-----|-----------------|--------------|-----|
| | Min | Max | Median | Male | Female | White | Black | Asian | Other | Unk | Hispanic/Latinx | Non-Hispanic | Unk |
| 2020 | 35 | 101 | 82 | 54 | 46 | 91 | 8 | 1 | 0 | 0 | 3 | 97 | <1 |
| 2021 | 20 | 104 | 77 | 56 | 44 | 93 | 5 | <1 | 1 | 0 | <1 | 99 | <1 |
| 2022 YTD | 38 | 98 | 76 | 48 | 52 | 93 | 3 | N/A | 1 | 3 | 1 | 97 | 3 |

Ages of Fatal COVID-19 Cases



Known Pre-existing Condition(s)
2020: 65%
2021: 32%
2022 YTD: 6%



At a Glance

Reported to LCGHD Since Last Data Report Release (classified by date reported)*

| Measure | 5/6 | 6/3 | Change |
|--|-------|-------|------------------|
| Total Reported COVID-19 Cases (2022 YTD) | 6,610 | 7,947 | +1337 |
| Total Reported COVID-19 Hospitalizations (2022 YTD) | 193 | 244 | +51 |
| Total Reported COVID-19 ICU Admissions (2022 YTD) | 17 | 21 | +4 |
| Total Reported Deaths <u>from</u> COVID-19 (2022 YTD) | 138 | 143 | +5 |
| Average Age of 2022 Cases | 43 | 43 | No Change |
| Average Age of Cases who Died <u>from</u> COVID-19 in 2022 | 74 | 74 | No Change |

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

| | |
|---|------|
| Total new cases in May (by Event Date) | 1402 |
| COVID-19 Cases Hospitalized with <u>Known</u> Admission Date Occurring in May | 54 |
| COVID-19 Cases Admitted to ICU with <u>Known</u> Hospital Admission Date Occurring in May | 5 |
| <u>Known</u> Deaths from COVID-19 Occurring in May – note, death reporting can lag by weeks | 3 |

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



Lake County
General Health District

Public Health
Prevent. Promote. Protect.



REV: 6/3/2022