

COVID-19 in Lake County, Ohio: May 4, 2023

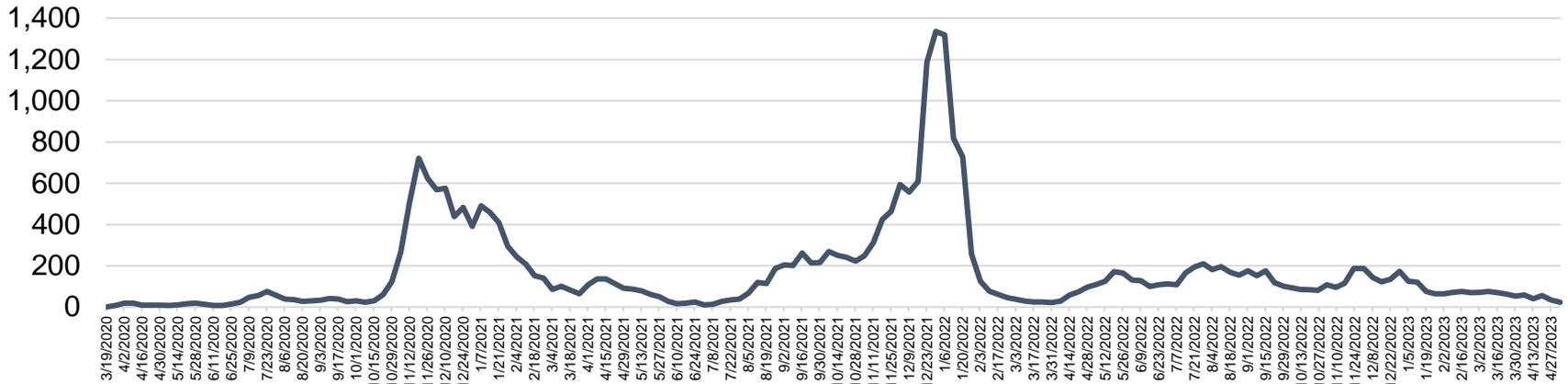
This report summarizes available data for COVID-19 cases in Lake County, Ohio, including both laboratory confirmed and probable cases, based on cumulative data entered in the Ohio Disease Reporting System Data Extract as of 12:01 am Thursday prior to the date of issue. The level of detail provided has 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 5/4/2023)
LOW

Reported Cases 2020: 13,762
Reported Cases 2021: 29,302
Reported Cases 2022: 17,374
Reported Cases 2023 YTD: 2,330

Two Week Incidence Rate:
41.3
cases per 100,000 population

Lake County Weekly COVID-19 Case Rate per 100,000 population

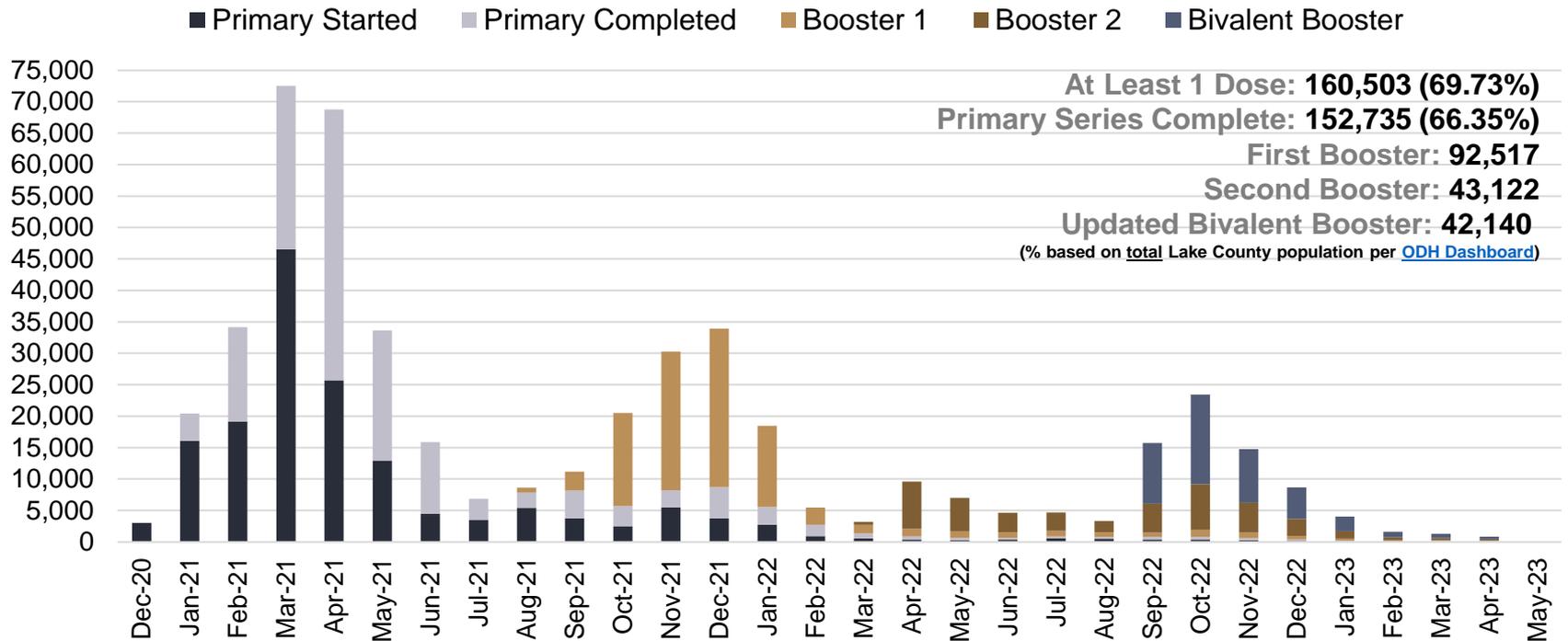


The graph above summarizes the weekly COVID-19 case rate per 100,000 population for Lake County since the beginning of the pandemic according to county-level transmission rate data reported by the Centers for Disease Control and Prevention (CDC). Data is presented for each Thursday, and provides an “Epi 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

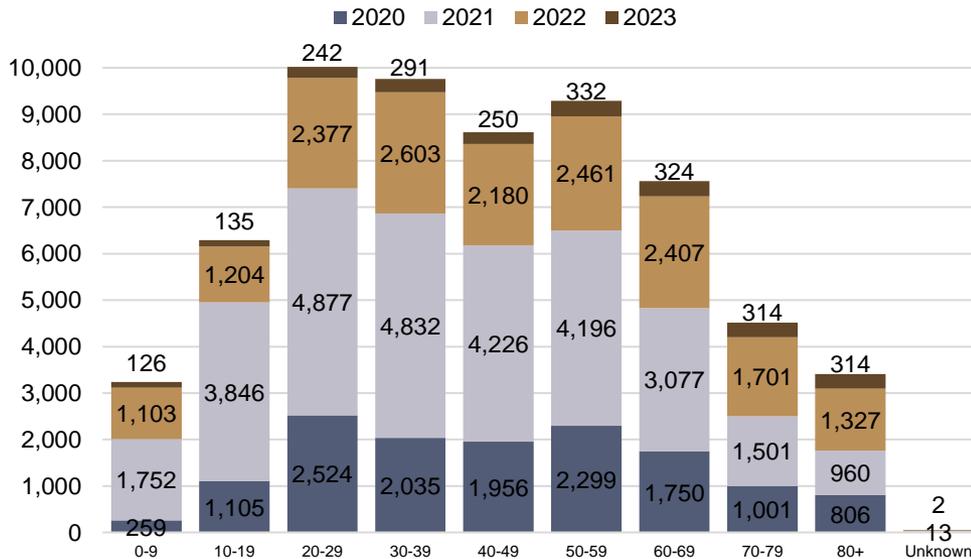


COVID-19 Cases by Calendar Year

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	45	54	71	6	1	4	18	3	58	39
2021	<1	104	38	46	54	75	6	1	4	14	3	73	23
2022	<1	106	46	41	59	76	6	1	5	12	3	76	21
2023	<1	101	53	38	61	79	7	1	6	8	2	84	13

Ages of COVID-19 Cases in Lake County



Zip Code	2020	2021	2022	2023
44045	22	47	38	2
44057	1,106	2,515	1,451	177
44060	3,474	7,054	4,471	605
44077	3,218	7,281	4,230	518
44081	390	768	456	70
44086	13	32	21	4
44092	1,202	2,233	1,350	172
44094	2,388	4,839	2,873	435
44095	1,769	4,427	2,438	337
Unknown	166	97	45	10



COVID-19 Hospitalizations by Calendar Year



Hospitalizations
2020 Total: 566
2021 Total: 684
2022 Total: 412
2023 Total: 60

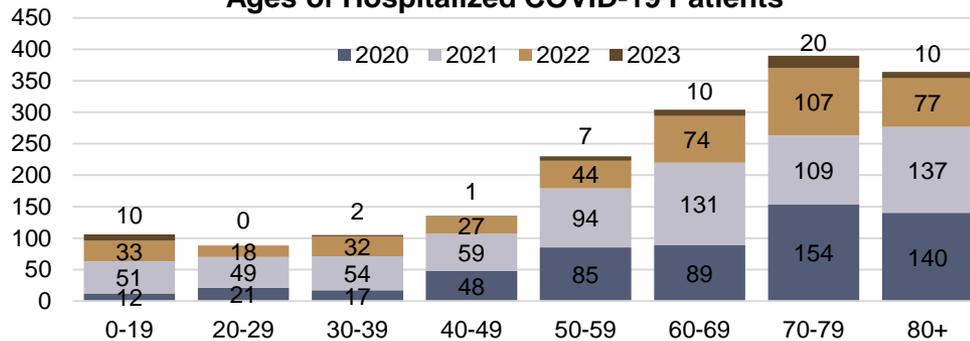


ICU Admissions
2020 Total: 79
2021 Total: 51
2022 Total: 44
2023 Total: 10

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	9	1	4	2	3	88	9
2022	<1	97	67	54	46	88	6	<1	4	1	3	92	6
2023	<1	101	68	50	50	92	2	N/A	3	3	2	90	8

Ages of Hospitalized COVID-19 Patients



Known Pre-existing Condition(s)
2020: 54%
2021: 28%
2022: 18%
2023: 15%

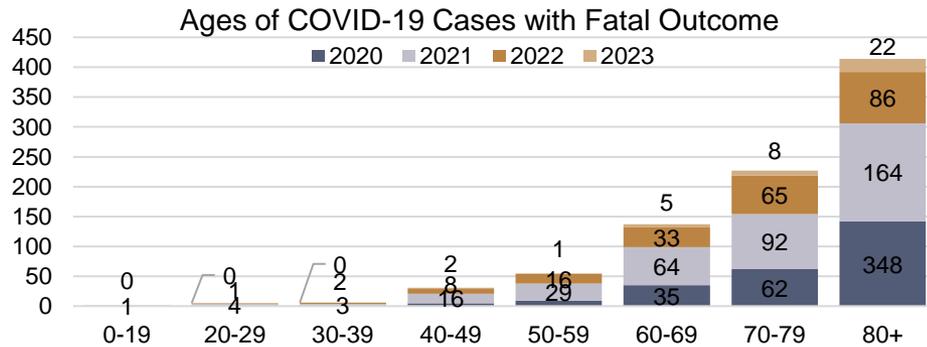


COVID-19 Deaths by Calendar Year

To date, 921 deaths have been reported among COVID-19 cases who were Lake County residents. For 75 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	94	5	<1	1	0	1	99	<1
2022	6	99	77	53	46	95	3	<1	1	1	0	96	4
2023	44	98	82	37	63	95	5	0	0	0	3	92	5



Known Pre-existing Condition(s)
2020: 54%
2021: 18%
2022: 3%
2023 : N/A



At a Glance

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

Measure	4/6	5/3	Change
Total Reported COVID-19 Cases (2023 YTD)	2,034	2,330	+296
Total Reported COVID-19 Hospitalizations (2023 YTD)	54	60	+4
Total Reported COVID-19 ICU Admissions (2023 YTD)	10	10	0
Total Reported Deaths <u>from</u> COVID-19 (2023 YTD)	33	38	+5
Average Age of 2023 Cases	51	51	0
Average Age of Cases who Died <u>from</u> COVID-19 in 2023	80	80	0 Yrs

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

Total new cases in April (by Event Date)	331
COVID-19 Cases Hospitalized with <u>Known</u> Admission Date Occurring in April	8
COVID-19 Cases Admitted to ICU with <u>Known</u> Hospital Admission Date Occurring in April	0
<u>Known</u> Deaths from COVID-19 Occurring in April– 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: 5/4/2023