



Erie County  
Department of  
Health



Public Health  
Prevent. Promote. Protect.

# COVID-19 Data Update

Through March 2023

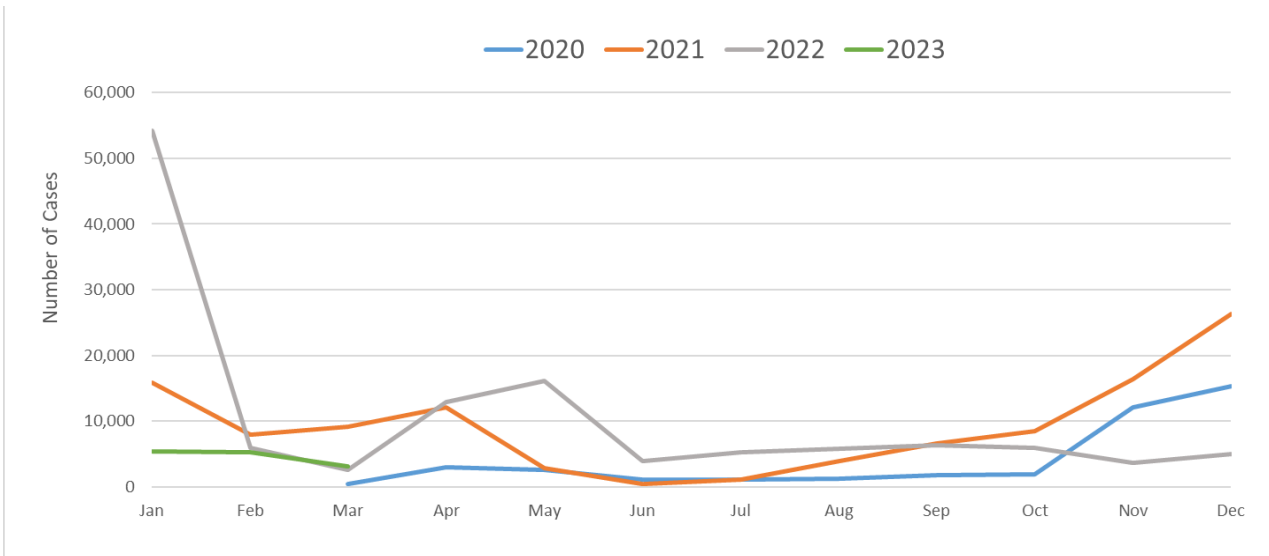
All data are provisional.

The Erie County Department of Health (ECDOH) moved to a monthly reporting schedule for COVID-19 data. Summaries of confirmed cases and trends, confirmed cases by residence, hospitalizations and mortality data are included in this report. Previous weekly reports are available on the ECDOH web site ([www.erie.gov/health](http://www.erie.gov/health)). State and federal COVID-19 data sources are listed on the last page of this report.

- ECDOH confirmed **3,080 COVID-19 cases** in March 2023, a 41% decrease from 5,212 cases in February 2023. These data do not include at-home tests.
- Wastewater surveillance data has shown decreasing trends in detected COVID-19 viral particles across all collection areas in the past months. See map and trends at [www.erie.gov/covid19-wastewater](http://www.erie.gov/covid19-wastewater) (dashboard).
- Based on CDC measures for COVID-19 Community Level, Erie County has been changed to "low."
- Weekly COVID-19 positivity rates from reported test results in March 2023 ranged from 8-15%.

## COVID-19 Case Summary

### COVID-19 Cases Reported to Erie County (March 2020-March 2023)



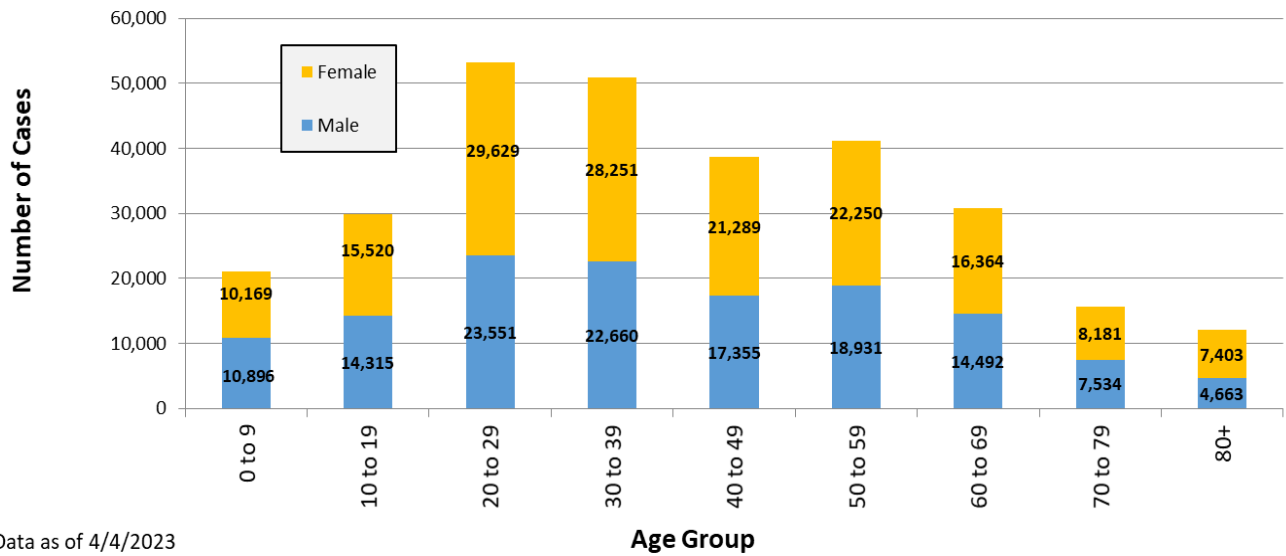
### COVID-19 Cases Reported to Erie County by Year and Age Group (March 2020-Feb. 2023)

Age Group	2020		2021		2022		2023*	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
0 to 9	1,261	3.1%	9,608	8.6%	9,601	7.5%	595	4.3%
10 to 19	3,815	9.4%	14,640	13.2%	10,797	8.4%	583	4.2%
20 to 29	8,134	20.0%	21,135	19.0%	21,769	17.0%	2,142	15.6%
30 to 39	6,178	15.2%	19,111	17.2%	23,131	18.1%	2,491	18.2%
40 to 49	5,023	12.3%	14,241	12.8%	17,352	13.6%	2,028	14.8%
50 to 59	6,094	15.0%	14,542	13.1%	18,378	14.4%	2,167	15.8%
60 to 69	4,714	11.6%	10,371	9.3%	14,116	11.0%	1,655	12.1%
70 to 79	2,712	6.7%	4,657	4.2%	7,369	5.8%	977	7.1%
80+	2,827	6.9%	2,860	2.6%	5,297	4.1%	1,082	7.9%
Total	40,758	100%	111,165	100%	127,810	100%	13,720	100%

\*Data as of 4/4/2023

All data are provisional.

**COVID-19 Cases by Age Group and Gender (March 2020-March 2023)**



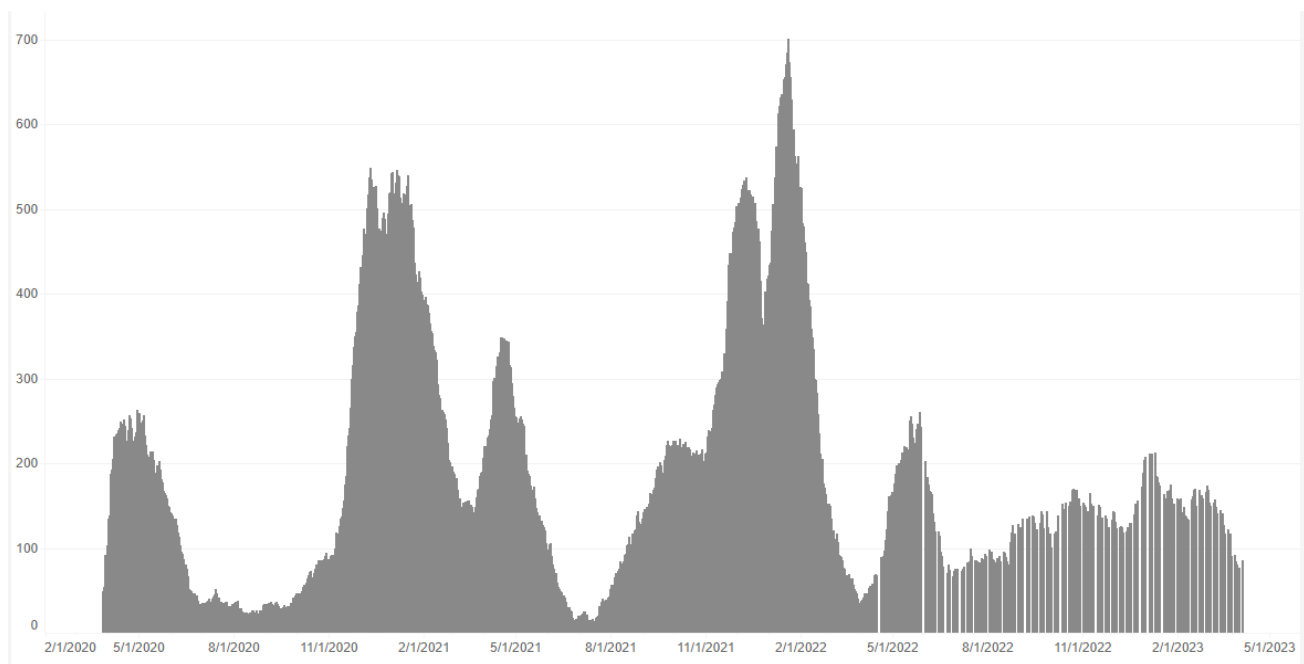
\*Data as of 4/4/2023

**COVID-19 Cases by Residence (March 2020-March 2023)**

Residence	Cases	% of Cases	% of Population*
Buffalo	89,230	30.4%	29.2%
Erie County Excl. Buffalo	204,223	69.6%	70.8%
All Erie County	293,453	100%	100%

\*Population Source: Prepared by 2020 Census Bureau in collaboration with NCHS

**COVID-19 Hospitalizations, Western New York (March 2020-April 4, 2023)**



## COVID-19 Mortality Data Summary

### Erie County COVID-19 Deaths by Age Group (March 2020-through March 28, 2023)

Age Group	2020		2021		2022		2023	
	#	%	#	%	#	%	#	%
<40	13	1%	25	2%	14	2.2%	1	0.9%
40 to 49	17	1%	31	3%	14	2.2%	0	0.0%
50 to 59	64	5%	91	8%	40	6.2%	4	3.8%
60 to 69	152	12%	196	18%	109	16.9%	8	7.5%
70 to 79	285	22%	281	25%	160	24.8%	25	23.6%
80+	745	58%	496	44%	309	47.8%	68	64.2%
<b>Totals</b>	<b>1,276</b>	<b>100.0%</b>	<b>1,120</b>	<b>100.0%</b>	<b>646</b>	<b>100.0%</b>	<b>106</b>	<b>100.0%</b>

## COVID-19 Data Sources

### Erie County

[Erie County COVID-19 Wastewater Surveillance](#)

[Erie Co. COVID-19 Data \(Dec. 2020-Nov. 2022\)](#)

[Erie Co. COVID-19 Data \(Nov. 2022-Present\)](#)

### New York State Department of Health (NYSDOH)

[COVID-19 Hospitalization and ICU Data by Region](#)

[By Age Group](#)

[By Race/Ethnicity](#)

[COVID-19 Vaccination Data by County and Age](#)

[COVID-19 Mortality Data](#)

[COVID-19 Variant Data](#)

### Centers for Disease Control and Prevention (CDC)

[COVID-19 Data Tracker](#)

[COVID-19 Community Level & Community Transmission](#)