**Erie County Department of Health**
**Public Health**
Prevent. Promote. Protect.

# COVID-19 Data Update
## Week ending March 19, 2022
All data are provisional.

501 new COVID-19 cases were recorded for the week ending March 19. This is a 12% increase compared to the previous week (447 cases) - the first weekly increased following nine consecutive weeks of decline. These data do not include at-home tests.

The weekly COVID-19 positivity rate was 2.3%, up from 2.0% the previous week. This is the first weekly positivity rate increase in 10 weeks.

Overall COVID-19 diagnostic tests totaled 22,106, nearly the same as the previous week's total of 22,407 tests.

7-day case rate per 100,000 persons was 53, up from 47 for the previous week.

Buffalo city COVID-19 cases comprised ~32% of new COVID-19 cases this past week (Buffalo city population is 29.2% of all Erie County residents).

The ZIP code 14221 had the highest number of reported COVID-19 cases, at 29 cases. Only two ZIP codes in Erie County had a case rate higher than 100 per 100,000 persons over seven days: 14222 and 14072.

Erie County COVID-19 Hospitalization Data: NYSDOH publishes updated hospitalization data by region: https://coronavirus.health.ny.gov/daily-hospitalization-summary. See Figures 4a and 4b.

Erie County COVID-19 Vaccination Data: NYSDOH updates vaccine data daily. Demographic data: https://coronavirus.health.ny.gov/demographic-vaccination-data. See Section 2.

Erie County COVID-19 Mortality Data: Mortality data are updated through March 3, 2022 based on data available to ECDOH. NYSDOH reports COVID-19 mortality data at https://coronavirus.health.ny.gov/fatalities-0. See Section 3.

## CONTENTS

## Section 1: Confirmed COVID-19 Cases

Figure 1

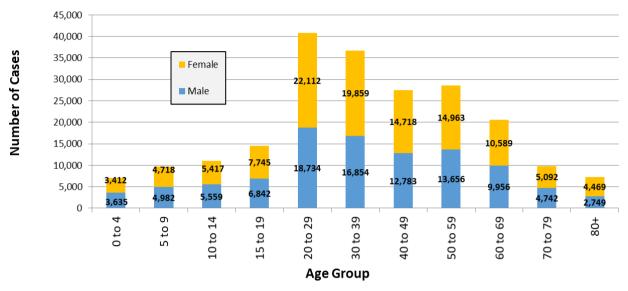### Confirmed COVID-19 Cases by Age Group and Gender (March 2020-present)



Figure 2

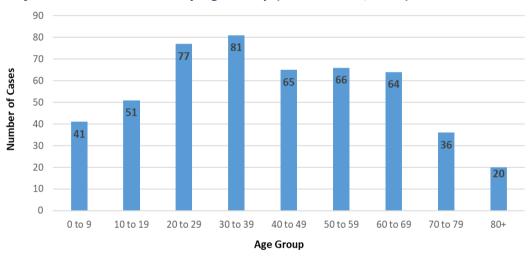### Confirmed COVID-19 Cases by Age Group (March 13-19, 2022)



Table 1

### New Cases in Past Seven Days, Past Six Weeks

| Week Ending | New Cases in Past 7 Days | Total New Cases in the Past Seven Days per 100,000 Persons* |
|---|---|---|
| 2/12/2022 | 1,654 | 173.3 |
| 2/19/2022 | 1,121 | 117.5 |
| 2/26/2022 | 654 | 68.5 |
| 3/5/2022 | 574 | 60.2 |
| 3/12/2022 | 447 | 46.8 |
| 3/19/2022 | 501 | 52.5 |

This metric shows trends over time.
*Population Source: 2020 U.S. Census Bureau

All data are provisional and represent data available at the time of the report.

Table 2
### *Confirmed COVID-19 Cases by ZIP Code*

| ZIP Code | City | Cases | Zip Code Population** | New Daily Cases per 100,000 Persons on 7-Day Rolling Average [1] | Total New Cases per 100,000 Persons in the Past 7 Days [2] |
|---|---|---|---|---|---|
| 14221 | Amherst/Williamsville/Clarenc | 29 | 53,555 | 7.7 | 54.1 |
| 14075 | Hamburg | 26 | 41,937 | 8.9 | 62.0 |
| 14215 | Buffalo (East) | 25 | 39,999 | 8.9 | 62.5 |
| 14072 | Grand Island | 24 | 20,374 | 16.8 | 117.8 |
| 14150 | Tonawanda | 22 | 41,676 | 7.5 | 52.8 |
| 14224 | West Seneca | 22 | 39,889 | 7.9 | 55.2 |
| 14222 | Buffalo (Elmwood Village) | 18 | 14,046 | 18.3 | 128.2 |
| 14127 | Orchard Park | 17 | 29,961 | 8.1 | 56.7 |
| 14207 | Buffalo (Black Rock/Riverside) | 17 | 23,552 | 10.3 | 72.2 |
| 14225 | Cheektowaga | 17 | 33,385 | 7.3 | 50.9 |
| 14220 | Buffalo (South) | 15 | 24,227 | 8.8 | 61.9 |
| 14086 | Lancaster | 14 | 31,847 | x | x |
| 14217 | Kenmore | 14 | 23,480 | x | x |
| 14043 | Depew | 13 | 24,742 | x | x |
| 14223 | Tonawanda | 13 | 22,665 | x | x |
| 14213 | Buffalo (West Side) | 12 | 24,465 | x | x |
| 14214 | Buffalo (University) | 12 | 19,775 | x | x |
| 14227 | Cheektowaga | 12 | 23,426 | x | x |
| 14201 | Buffalo (Downtown) | 11 | 11,549 | x | x |
| 14218 | Lackawanna | 11 | 19,039 | x | x |
| 14047 | Derby | 10 | 6,440 | x | x |
| 14219 | Blasdell | 10 | 11,536 | x | x |
| 14216 | Buffalo (North) | 9 | 22,431 | x | x |
| 14051 | Amherst (East) | 8 | 19,533 | x | x |
| 14052 | Aurora | 8 | 17,329 | x | x |
| 14032 | Clarence (North) | 7 | 7,989 | x | x |
| 14211 | Buffalo/Cheektowaga | 7 | 22,611 | x | x |
| 14226 | Amherst (Snyder/Eggertsville) | 7 | 29,267 | x | x |
| 14228 | Amherst (Getzville) | 7 | 20,857 | x | x |
| 14085 | Hamburg (Lake View) | 6 | 7,353 | x | x |
| 14209 | Buffalo (Delaware) | 6 | 7,926 | x | x |
| 14001 | Akron | 5 | 9,464 | x | x |
| 14031 | Clarence | 5 | 9,392 | x | x |
| 14111 | North Collins | 5 | 3,352 | x | x |
| 14004 | Alden | * | 12,704 | x | x |
| 14006 | Angola | * | 9,858 | x | x |
| 14025 | Boston | * | 3,039 | x | x |
| 14026 | Bowmansville | * | 674 | x | x |
| 14030 | Chaffee | * | 1,807 | x | x |
| 14033 | Colden | * | 2,219 | x | x |

All data are provisional and represent data available at the time of the report.

| ZIP | Location | | Population** | 1 | 2 |
|---|---|---|---|---|---|
| 14034 | Collins | * | 2,742 | x | x |
| 14055 | East Concord | * | 1,405 | x | x |
| 14057 | Eden | * | 8,116 | x | x |
| 14059 | Elma | * | 8,933 | x | x |
| 14068 | Amherst (Getzville) | * | 7,150 | x | x |
| 14069 | Glenwood | * | 844 | x | x |
| 14070 | Gowanda | * | 6,732 | x | x |
| 14080 | Holland | * | 4,330 | x | x |
| 14081 | Irving | * | 3,095 | x | x |
| 14091 | Lawtons | * | 1,079 | x | x |
| 14102 | Marilla | * | 1,281 | x | x |
| 14139 | Wales | * | 2,125 | x | x |
| 14141 | Springville | * | 7,728 | x | x |
| 14170 | West Falls | * | 2,286 | x | x |
| 14202 | Buffalo (Downtown) | * | 3,911 | x | x |
| 14203 | Buffalo | * | 1,618 | x | x |
| 14204 | Buffalo (East) | * | 8,691 | x | x |
| 14206 | Buffalo (Kaisertown) | * | 20,751 | x | x |
| 14208 | Buffalo (east) | * | 11,125 | x | x |
| 14210 | Buffalo (South) | * | 14,694 | x | x |
| 14212 | Buffalo (Broadway)/Sloan | * | 10,641 | x | x |
| 14231 | Buffalo | * | n/a | x | x |
| 14260-1426 | Amherst (UB) | * | 10,300 | x | x |
| | **All Erie County†** | **501** | **954,236** | **7.5** | **52.5** |

*\*\*Population Source: ZIP code data  from U.S. Census Bureau, DP-1, General Population & Housing Characteristics*

*ZCTAs are an approximation of mailing ZIP codes*

*Buffalo and Erie County from 2010 (U.S. Census Redistricting Data, PL 94-171) Summary File*

*[1] Calculated by dividing total cases in past 7 days by 7, then dividing by ZIP code pop. & multiplying by 100,000*

*[2] Calculated by dividing  total cases in the past 7 days by the zip code population, and multiplying by 100,000*

*† Total Population Value for  Erie County (954,236) from 2020 U.S. Census Bureau used to calculate 'All Erie County' daily and 7-day case rates*

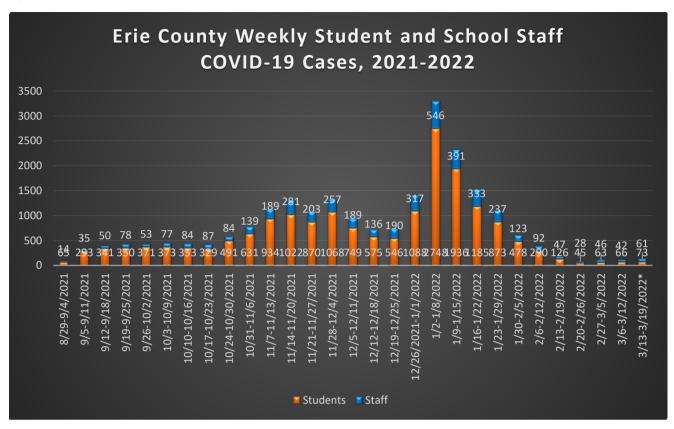Highlighted = 100+ cases per 100,000 residents over seven days

The New York State Department of Health maintains a COVID-19 data dashboard with county-level reporting. http
https://coronavirus.health.ny.gov/covid-19-data-new-york

All data are provisional and represent data available at the time of the report.

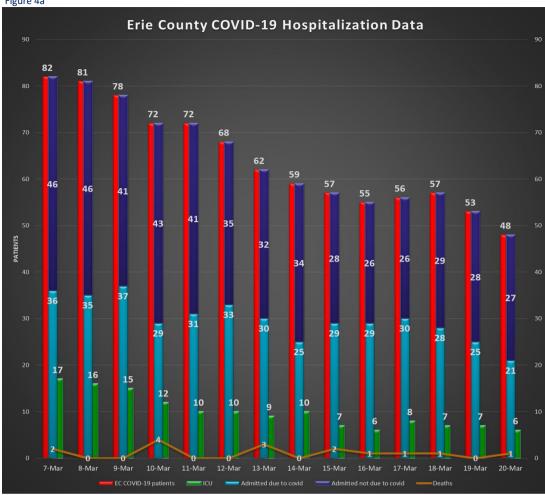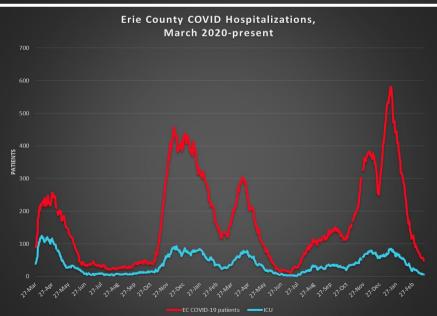Figure 3: Erie County Weekly k-12 student and school staff COVID-19 cases



*Data are incomplete for the past two weeks due to lags in reporting from schools and labs.

These data do not include self-reported at-home COVID-19 positive tests.

NYS School COVID-19 Report Card: https://schoolcovidreportcard.health.ny.gov

All data are provisional and represent data available at the time of the report.

Figure 4a





Data provided by Erie County hospitals and NYSDOH. Patients may include residents from outside Erie County.

# Section 2: COVID-19 Vaccine Information

Table 3

### *Erie County COVID-19 Vaccination Rates, Age & ZIP Code (Data through March 21, 2022)*

| ZIP Code | City | Percent of Population Vaccinated (with at least one dose) | | | | |
|---|---|---|---|---|---|---|
| | | 0-19 years old | 20-34 years old | 35-64 years old | 65 years old and older | 20 years and older |
| 14112 | North Evans | n/a | 31.1% | n/a | 48.3% | 41.0% |
| 14034 | Collins | 39.2% | 29.3% | 35.3% | 88.8% | 41.5% |
| 14061 | Farnham | 9.8% | 21.0% | 48.4% | 100.0% | 44.2% |
| 14070 | Gowanda | 29.9% | 30.4% | 46.4% | 76.2% | 48.0% |
| 14035 | Collins Center | 7.8% | 100.0% | 37.2% | 100.0% | 50.0% |
| 14030 | Chaffee | 20.0% | 52.7% | 52.4% | 82.0% | 59.2% |
| 14170 | West Falls | 30.5% | 74.0% | 48.9% | 100.0% | 60.7% |
| 14111 | North Collins | 30.1% | 55.2% | 61.3% | 100.0% | 65.8% |
| 14004 | Alden | 28.1% | 53.2% | 62.9% | 84.4% | 66.0% |
| 14055 | East Concord | 29.2% | 65.8% | 58.8% | 100.0% | 68.1% |
| 14025 | Boston | 33.7% | 84.7% | 63.0% | 69.6% | 68.2% |
| 14080 | Holland | 29.4% | 58.5% | 61.3% | 95.8% | 68.5% |
| 14210 | Buffalo | 35.9% | 55.9% | 74.0% | 84.9% | 69.5% |
| 14206 | Buffalo | 36.4% | 62.1% | 74.4% | 79.3% | 72.0% |
| 14208 | Buffalo | 32.8% | 59.5% | 85.3% | 71.1% | 72.7% |
| 14001 | Akron | 36.9% | 59.9% | 66.7% | 100.0% | 73.2% |
| 14222 | Buffalo (Elmwood Village) | 35.4% | 59.9% | 89.6% | 80.5% | 73.8% |
| 14219 | Blasdell | 35.6% | 60.1% | 73.1% | 97.0% | 74.5% |
| 14091 | Lawtons | 42.8% | 43.4% | 86.3% | 89.6% | 75.7% |
| 14047 | Derby | 36.1% | 66.2% | 69.3% | 100.0% | 75.8% |
| 14215 | Buffalo | 33.3% | 62.6% | 77.7% | 100.0% | 75.9% |
| 14006 | Angola | 33.3% | 66.6% | 75.2% | 86.0% | 76.6% |
| 14069 | Glenwood | 35.9% | 82.7% | 69.7% | 88.1% | 76.7% |
| 14204 | Buffalo | 33.6% | 71.0% | 75.3% | 89.4% | 76.8% |
| 14141 | Springville | 32.6% | 71.2% | 70.2% | 96.5% | 77.2% |
| 14059 | Elma | 35.8% | 69.1% | 73.5% | 89.3% | 77.5% |
| 14211 | Buffalo | 40.3% | 70.3% | 78.9% | 87.1% | 77.6% |
| 14218 | Lackawanna | 29.4% | 60.5% | 79.5% | 96.5% | 77.7% |
| 14102 | Marilla | 32.0% | 54.6% | 83.5% | 95.5% | 78.6% |
| 14207 | Buffalo | 38.4% | 60.2% | 93.2% | 90.1% | 79.5% |
| 14139 | South Wales | 34.0% | 91.5% | 68.4% | 100.0% | 79.6% |
| 14057 | Eden | 42.9% | 88.1% | 70.3% | 100.0% | 80.3% |
| 14216 | Buffalo | 45.1% | 68.3% | 83.8% | 100.0% | 80.7% |
| 14043 | Depew | 40.7% | 68.9% | 81.6% | 93.4% | 81.2% |
| 14209 | Buffalo | 31.8% | 72.5% | 82.7% | 100.0% | 81.9% |
| 14225 | Cheektowaga | 42.0% | 65.0% | 91.0% | 92.5% | 82.9% |
| 14220 | Buffalo | 41.1% | 73.0% | 83.5% | 98.0% | 83.0% |
| 14052 | East Aurora | 59.4% | 82.9% | 76.2% | 100.0% | 83.5% |
| 14214 | Buffalo | 41.4% | 77.5% | 86.0% | 92.8% | 83.5% |

All data are provisional and represent data available at the time of the report.
https://covid19vaccine.health.ny.gov/vaccine-demographic-data

| Zip | Area | | | | | |
|---|---|---|---|---|---|---|
| 14212 | Buffalo | 40.9% | 79.7% | 85.2% | 85.2% | 83.6% |
| 14031 | Clarence | 49.5% | 73.4% | 79.0% | 100.0% | 84.1% |
| 14150 | Tonawanda | 43.3% | 76.9% | 82.5% | 94.0% | 84.1% |
| 14217 | Kenmore | 51.1% | 87.7% | 79.6% | 91.1% | 84.4% |
| 14224 | West Seneca | 47.1% | 77.6% | 79.6% | 99.6% | 84.5% |
| 14227 | Cheektowaga | 52.2% | 72.9% | 82.4% | 100.0% | 85.4% |
| 14201 | Buffalo | 30.8% | 84.1% | 82.8% | 99.1% | 85.7% |
| 14213 | Buffalo | 32.4% | 79.4% | 89.7% | 93.4% | 85.8% |
| 14032 | Clarence Center | 51.7% | 100.0% | 78.9% | 100.0% | 86.0% |
| 14169 | Wales Center | 62.1% | n/a | 78.9% | 100.0% | 86.0% |
| 14202 | Buffalo | 40.4% | 68.1% | 100.0% | 100.0% | 86.8% |
| 14228 | Amherst (Getzville) | 52.3% | 79.1% | 90.6% | 95.1% | 87.0% |
| 14075 | Hamburg | 50.1% | 88.4% | 80.6% | 100.0% | 87.4% |
| 14072 | Grand Island | 49.3% | 90.5% | 82.7% | 100.0% | 88.3% |
| 14051 | East Amherst | 61.4% | 100.0% | 81.9% | 100.0% | 88.7% |
| 14226 | Amherst (Snyder/Eggertsville | 51.7% | 86.7% | 87.6% | 100.0% | 90.0% |
| 14223 | Tonawanda | 44.4% | 85.6% | 87.9% | 100.0% | 90.2% |
| 14127 | Orchard Park | 56.3% | 100.0% | 83.8% | 100.0% | 91.1% |
| 14086 | Lancaster | 53.5% | 92.3% | 87.3% | 100.0% | 91.2% |
| 14026 | Bowmansville | 100.0% | 100.0% | 86.4% | 100.0% | 91.7% |
| 14221 | Amherst/Williamsville/Claren | 60.6% | 100.0% | 88.1% | 95.9% | 92.8% |
| 14033 | Colden | 55.4% | 100.0% | 94.6% | 96.1% | 95.5% |
| 14085 | Lake View | 56.8% | 88.4% | 99.5% | 95.6% | 96.2% |
| 14068 | Getzville | 69.3% | 100.0% | 99.6% | 92.6% | 96.9% |
| 14134 | Sardinia | 45.7% | 100.0% | 100.0% | 100.0% | 100.0% |
| 14203 | Buffalo | 58.1% | 100.0% | 100.0% | 100.0% | 100.0% |
| **Total** | | **43.3%** | **74.2%** | **81.3%** | **95.3%** | **82.6%** |

All data are provisional and represent data available at the time of the report.
https://covid19vaccine.health.ny.gov/vaccine-demographic-data

# Section 3: COVID-19 Mortality Data

Table 4

## Erie County COVID-19 Deaths by Age Group (January - December 2021)

| Age Group | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <40 | 3 | 4 | 0 | 4 | 2 | 0 | 1 | 1 | 0 | 3 | 4 | 3 | 25 |
| 40 to 49 | 4 | 3 | 1 | 8 | 2 | 0 | 1 | 1 | 1 | 0 | 3 | 7 | 31 |
| 50 to 59 | 8 | 11 | 5 | 7 | 5 | 4 | 1 | 6 | 4 | 11 | 12 | 17 | 91 |
| 60 to 69 | 31 | 22 | 6 | 24 | 11 | 5 | 1 | 6 | 11 | 15 | 14 | 50 | 196 |
| 70 to 79 | 60 | 34 | 16 | 30 | 21 | 4 | 7 | 10 | 15 | 14 | 24 | 46 | 281 |
| 80+ | 163 | 62 | 29 | 27 | 24 | 5 | 1 | 17 | 24 | 38 | 40 | 66 | 496 |
| **Total # of Deaths** | **269** | **136** | **57** | **100** | **65** | **18** | **12** | **41** | **55** | **81** | **97** | **189** | **1,120** |
| **Ave. Death Age** | **81** | **76** | **77** | **71** | **74** | **70** | **70** | **74** | **77** | **76** | **73** | **73** | **76** |

Table 5

## Erie County COVID-19 Deaths by Age Group (January 1-March 17, 2022*)

| Age Group | Jan | Feb | Mar | Total |
|---|---|---|---|---|
| <40 | 7 | 2 | 0 | 9 |
| 40 to 49 | 9 | 1 | 1 | 11 |
| 50 to 59 | 19 | 9 | 2 | 30 |
| 60 to 69 | 49 | 20 | 3 | 72 |
| 70 to 79 | 57 | 25 | 1 | 83 |
| 80+ | 90 | 40 | 5 | 135 |
| **Total # of Deaths** | **231** | **97** | **12** | **340** |
| **Ave. Death Age** | **74** | **76** | **73** | **74** |

| | |
|---|---|
| 2020 total deaths | 1,276 |
| 2021 total deaths | 1,120 |
| 2022 deaths to date | 340 |
| Total: | 2,736 |

Table 6

## Erie County COVID-19 Deaths by Residence

| Residence | Fatalities | % of Fatalities | % of Population* |
|---|---|---|---|
| Buffalo | 729 | 26.6% | 29.2% |
| Erie County Excl. Buffalo | 2,007 | 73.4% | 70.8% |
| **All of Erie County** | **2,736** | **100.0%** | **100.0%** |

*Population Source: Prepared from 2020 Census Bureau

*As of 3/17/2022; these charts are based on the most recent information available.

All data are provisional and represent data available at the time of the report.
https://covid19vaccine.health.ny.gov/vaccine-demographic-data