



**Erie County
Department of
Health**



Public Health
Prevent. Promote. Protect.

COVID-19 Data Update

Week ending March 5, 2022

All data are provisional.

447 new COVID-19 cases were recorded for the week ending March 12. This is a 22% decline compared to the previous week (574 cases) – the ninth consecutive week of decline.

The weekly COVID-19 positivity rate was 2.0%, down from 2.7% the previous week.

Overall COVID-19 diagnostic tests totaled 22,407, on par with 21,314 tests the previous week.

7-day case rate per 100,000 persons was 47, down from 60 the previous week – the ninth consecutive week of case rate decline.

Buffalo city COVID-19 cases comprised ~35% 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 28 cases; zero ZIP codes in Erie County had a case rate higher than 100 per 100,000 persons over seven days.

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.

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Section 1: Confirmed COVID-19 Cases

Figure 1

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

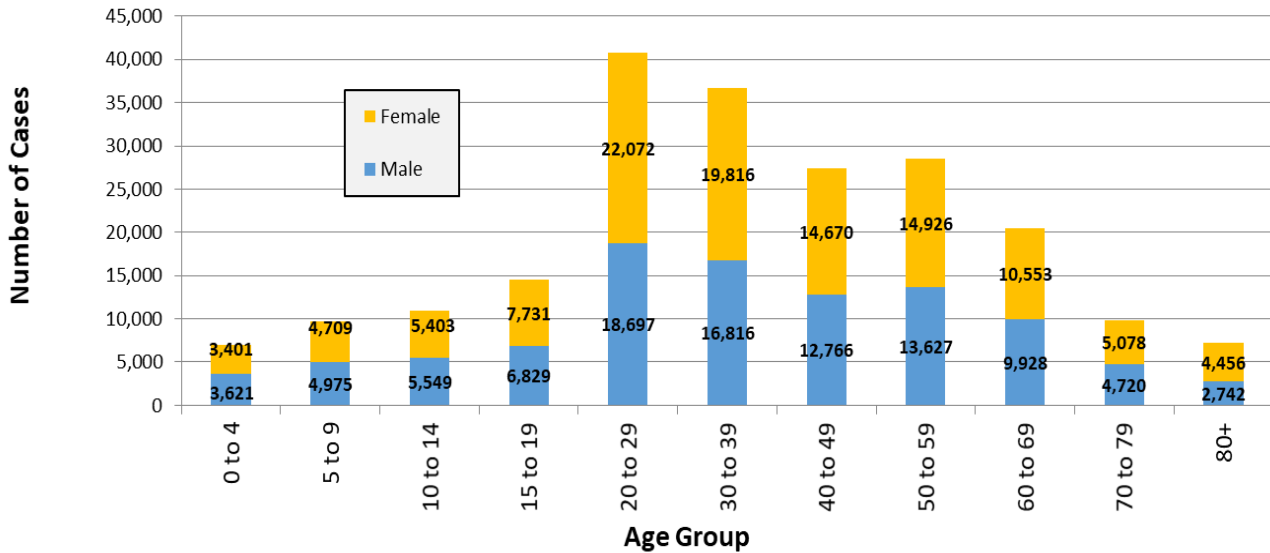


Figure 2

Confirmed COVID-19 Cases by Age Group (March 6-12, 2022)

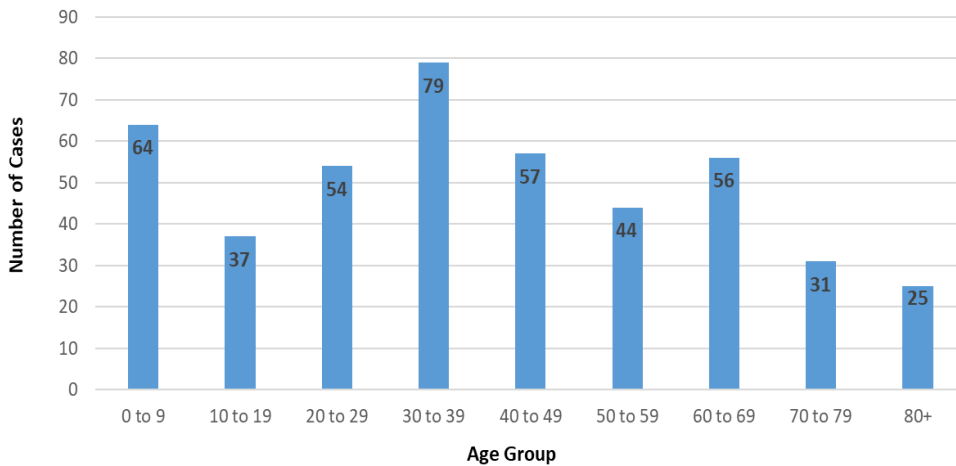


Table 1

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*
2/5/2022	2,958	310.0
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

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

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	28	53,555	7.5	52.3
14150	Tonawanda	25	41,676	8.6	60.0
14224	West Seneca	25	39,889	9.0	62.7
14086	Lancaster	18	31,847	8.1	56.5
14225	Cheektowaga	18	33,385	7.7	53.9
14072	Grand Island	17	20,374	11.9	83.4
14215	Buffalo (East)	17	39,999	6.1	42.5
14075	Hamburg	15	41,937	5.1	35.8
14127	Orchard Park	13	29,961	x	x
14206	Buffalo (Kaisertown)	13	20,751	x	x
14226	Amherst (Snyder/Eggertsville)	13	29,267	x	x
14051	Amherst (East)	12	19,533	x	x
14052	Aurora	12	17,329	x	x
14214	Buffalo (University)	12	19,775	x	x
14217	Kenmore	12	23,480	x	x
14220	Buffalo (South)	12	24,227	x	x
14216	Buffalo (North)	11	22,431	x	x
14218	Lackawanna	11	19,039	x	x
14213	Buffalo (West Side)	10	24,465	x	x
14223	Tonawanda	10	22,665	x	x
14222	Buffalo (Elmwood Village)	9	14,046	x	x
14004	Alden	8	12,704	x	x
14006	Angola	8	9,858	x	x
14043	Depew	8	24,742	x	x
14059	Elma	8	8,933	x	x
14202	Buffalo (Downtown)	8	3,911	x	x
14227	Cheektowaga	8	23,426	x	x
14228	Amherst (Getzville)	8	20,857	x	x
14207	Buffalo (Black Rock/Riverside)	7	23,552	x	x
14210	Buffalo (South)	7	14,694	x	x
14211	Buffalo/Cheektowaga	7	22,611	x	x
14219	Blasdell	7	11,536	x	x
14085	Hamburg (Lake View)	6	7,353	x	x
14057	Eden	5	8,116	x	x
14201	Buffalo (Downtown)	5	11,549	x	x
14001	Akron	*	9,464	x	x
14025	Boston	*	3,039	x	x
14026	Bowmansville	*	674	x	x
14030	Chaffee	*	1,807	x	x
14031	Clarence	*	9,392	x	x

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

14032	Clarence (North)	*	7,989	x	x
14033	Colden	*	2,219	x	x
14034	Collins	*	2,742	x	x
14047	Derby	*	6,440	x	x
14055	East Concord	*	1,405	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
14111	North Collins	*	3,352	x	x
14139	Wales	*	2,125	x	x
14141	Springville	*	7,728	x	x
14170	West Falls	*	2,286	x	x
14203	Buffalo	*	1,618	x	x
14204	Buffalo (East)	*	8,691	x	x
14208	Buffalo (east)	*	11,125	x	x
14209	Buffalo (Delaware)	*	7,926	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[†]	447	954,236	6.7	46.8

***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

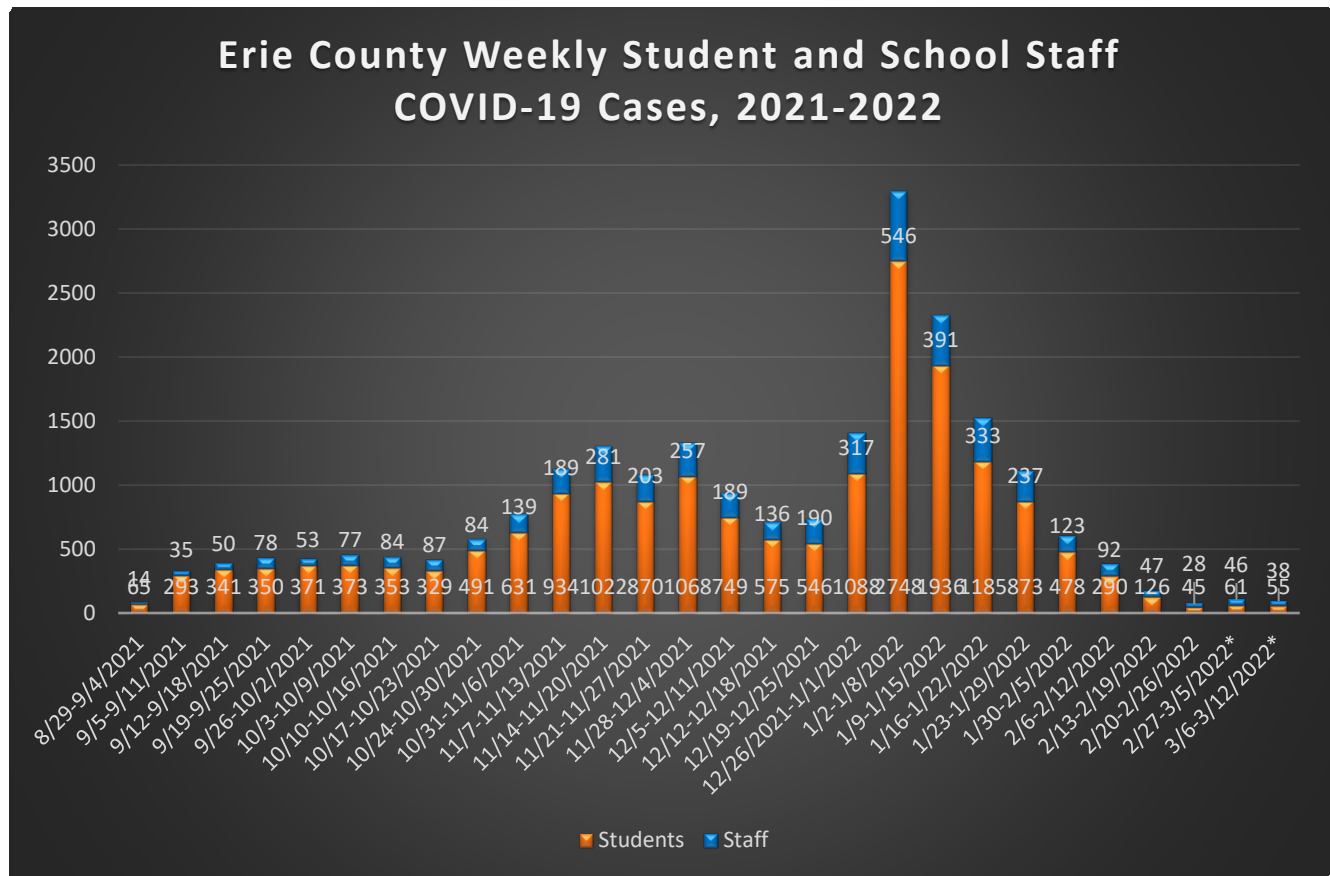
¹ *Calculated by dividing total cases in past 7 days by 7, then dividing by ZIP code pop. & multiplying by 100,000*

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*

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

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>

Figure 4a

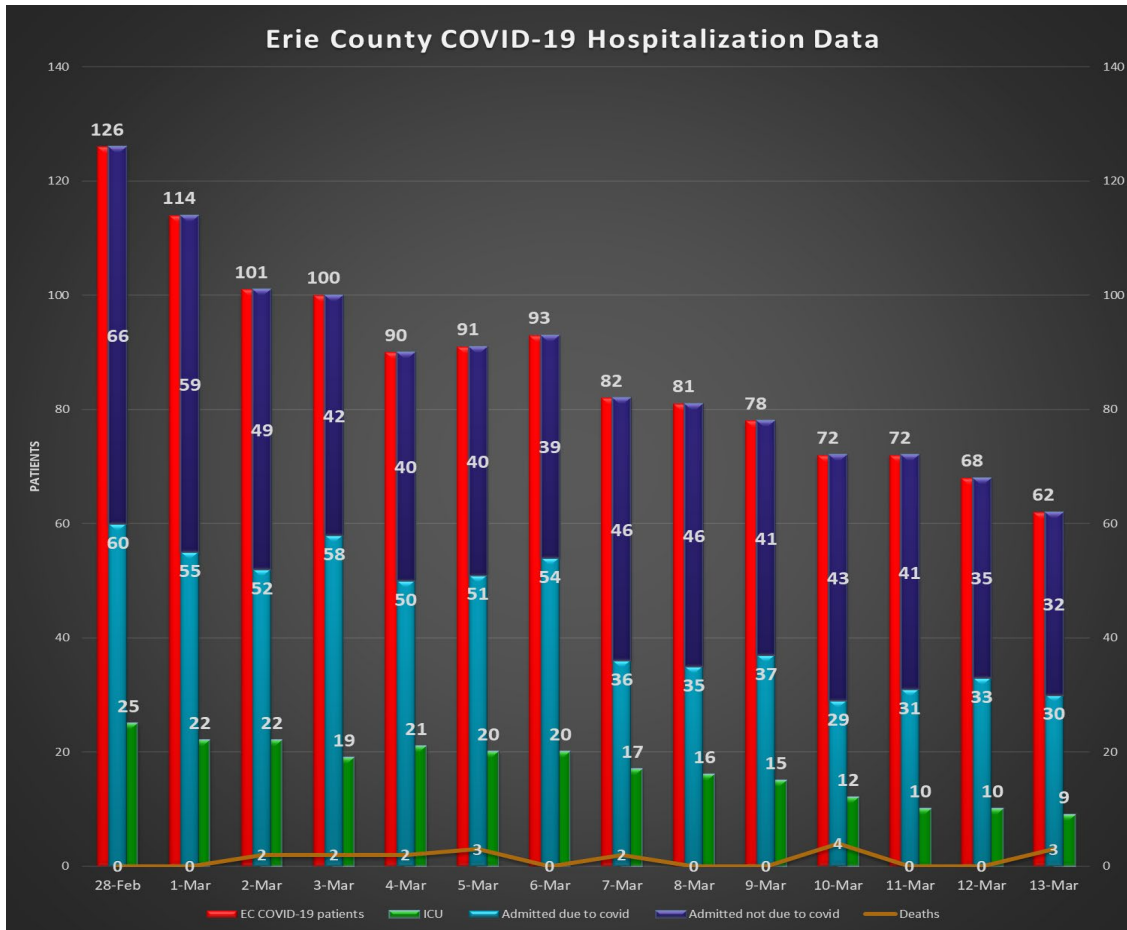
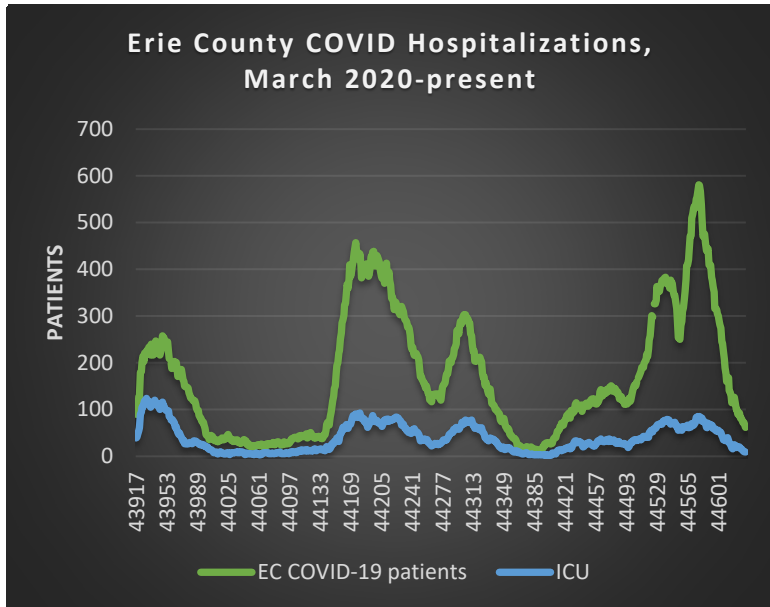


Figure 4b



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 7, 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%	29.1%	35.1%	88.8%	41.3%
14061	Farnham	9.8%	21.0%	48.4%	100.0%	44.2%
14070	Gowanda	29.6%	30.4%	46.4%	76.2%	48.0%
14035	Collins Center	7.8%	100.0%	37.2%	100.0%	50.0%
14030	Chaffee	20.2%	52.7%	52.5%	82.0%	59.3%
14170	West Falls	30.3%	74.0%	48.8%	100.0%	60.7%
14111	North Collins	30.0%	55.0%	61.3%	100.0%	65.8%
14004	Alden	28.1%	53.2%	62.8%	84.4%	66.0%
14055	East Concord	29.2%	65.8%	58.9%	100.0%	68.2%
14025	Boston	33.7%	84.4%	63.0%	69.6%	68.2%
14080	Holland	29.5%	58.8%	61.3%	95.8%	68.6%
14210	Buffalo	35.7%	55.8%	74.0%	84.9%	69.4%
14206	Buffalo	36.2%	62.0%	74.3%	79.3%	71.9%
14208	Buffalo	32.7%	59.2%	85.2%	71.0%	72.5%
14001	Akron	36.8%	59.8%	66.7%	100.0%	73.2%
14222	Buffalo (Elmwood Village)	35.4%	59.9%	89.5%	80.5%	73.7%
14219	Blasdell	35.5%	60.0%	73.1%	97.0%	74.5%
14091	Lawtons	42.8%	43.4%	86.3%	89.6%	75.7%
14215	Buffalo	33.1%	62.4%	77.5%	100.0%	75.7%
14047	Derby	36.1%	66.2%	69.4%	100.0%	75.8%
14006	Angola	33.4%	66.6%	75.1%	86.0%	76.6%
14204	Buffalo	33.3%	71.0%	75.1%	89.3%	76.7%
14069	Glenwood	35.9%	82.7%	69.7%	88.6%	76.8%
14141	Springville	32.5%	71.4%	70.1%	96.5%	77.2%
14059	Elma	35.8%	69.1%	73.5%	89.3%	77.5%
14211	Buffalo	40.2%	70.1%	78.9%	86.9%	77.5%
14218	Lackawanna	29.4%	60.3%	79.5%	96.5%	77.7%
14102	Marilla	32.0%	55.0%	83.5%	95.5%	78.8%
14207	Buffalo	38.3%	60.1%	93.2%	90.1%	79.4%
14139	South Wales	34.2%	90.6%	68.4%	100.0%	79.5%
14057	Eden	42.9%	87.9%	70.4%	100.0%	80.3%
14216	Buffalo	45.0%	68.2%	83.7%	100.0%	80.7%
14043	Depew	40.6%	68.9%	81.6%	93.4%	81.2%
14209	Buffalo	31.5%	72.4%	82.7%	100.0%	81.8%
14225	Cheektowaga	41.8%	64.9%	90.9%	92.4%	82.8%
14220	Buffalo	41.0%	72.9%	83.4%	97.9%	82.9%
14214	Buffalo	41.2%	77.3%	85.9%	92.8%	83.4%
14052	East Aurora	59.3%	82.7%	76.1%	100.0%	83.5%

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

<https://covid19vaccine.health.ny.gov/vaccine-demographic-data>

14212	Buffalo	40.8%	79.5%	85.1%	85.3%	83.5%
14031	Clarence	49.4%	73.4%	79.0%	100.0%	84.1%
14150	Tonawanda	43.2%	76.8%	82.5%	94.0%	84.1%
14217	Kenmore	51.0%	87.6%	79.7%	91.0%	84.4%
14224	West Seneca	47.0%	77.5%	79.6%	99.6%	84.5%
14227	Cheektowaga	52.2%	72.9%	82.4%	100.0%	85.4%
14201	Buffalo	30.7%	83.9%	82.6%	99.1%	85.5%
14213	Buffalo	32.3%	79.3%	89.7%	93.4%	85.8%
14032	Clarence Center	51.6%	100.0%	78.8%	100.0%	86.0%
14169	Wales Center	62.1%	n/a	78.9%	100.0%	86.0%
14202	Buffalo	40.4%	68.0%	100.0%	100.0%	86.7%
14228	Amherst (Getzville)	52.2%	79.0%	90.6%	95.1%	87.0%
14075	Hamburg	50.1%	88.4%	80.6%	100.0%	87.3%
14072	Grand Island	49.2%	90.5%	82.6%	100.0%	88.2%
14051	East Amherst	61.4%	100.0%	81.8%	100.0%	88.7%
14226	Amherst (Snyder/Eggertsville)	51.5%	86.8%	87.6%	100.0%	90.0%
14223	Tonawanda	44.2%	85.7%	87.9%	100.0%	90.2%
14127	Orchard Park	56.2%	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/Clare	60.6%	100.0%	88.1%	96.0%	92.8%
14033	Colden	55.4%	100.0%	94.6%	96.1%	95.5%
14085	Lake View	56.6%	88.4%	99.5%	95.4%	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	57.0%	100.0%	100.0%	100.0%	100.0%
Total		43%	74%	81%	95%	83%

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 10, 2022*)

Age Group	Jan	Feb	Mar	Total
<40	7	2	0	9
40 to 49	9	1	0	10
50 to 59	19	9	1	29
60 to 69	49	20	3	72
70 to 79	57	25	1	83
80+	90	38	5	133
Total # of Deaths	231	95	10	336
Ave. Death Age	74	75	77	74

2020 total deaths	1,276
2021 total deaths	1,120
2022 deaths to date	336
Total:	2,732

Table 6

Erie County COVID-19 Deaths by Residence

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	729	26.7%	29.2%
Erie County Excl. Buffalo	2,003	73.3%	70.8%
All of Erie County	2,732	100.0%	100.0%

*Population Source: Prepared from 2020 Census Bureau

*As of 3/10/2022; 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>