COVID-19 Data Update
Week ending April 23, 2022

Erie County Department of Health

Public Health — Prevent. Promote. Protect.

All data are provisional.

3,822 new COVID-19 cases were recorded for the week ending April 23, 2022. This is a 46% increase compared to the previous week (2,619 cases). These data do not include at-home tests. This is the sixth consecutive week where COVID-19 cases increased compared to the previous week.

The weekly COVID-19 positivity rate was 17.6%, up from 14.6% the previous week.

Overall COVID-19 diagnostic tests totaled 21,704, an increase from the previous week's total of 17,882 tests.

7-day case rate per 100,000 persons was 401, up from 275 for the previous week.

Buffalo city COVID-19 cases comprised ~32.7% of new COVID-19 cases this past week (Buffalo city population is 29.2% of all Erie County residents).

24 ZIP codes had a 7-day case rate over 400 per 100,000 persons. The ZIP code 14221 had the highest number of reported COVID-19 cases, at 229 reported cases. As in previous weeks, the highest 7-day case rates are primarily located in the suburban ZIP codes.

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

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

Erie County COVID-19 Mortality Data: Mortality data are updated through April 12, 2022 based on data available to ECDOH. Updated totals will be available in a future report. 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)
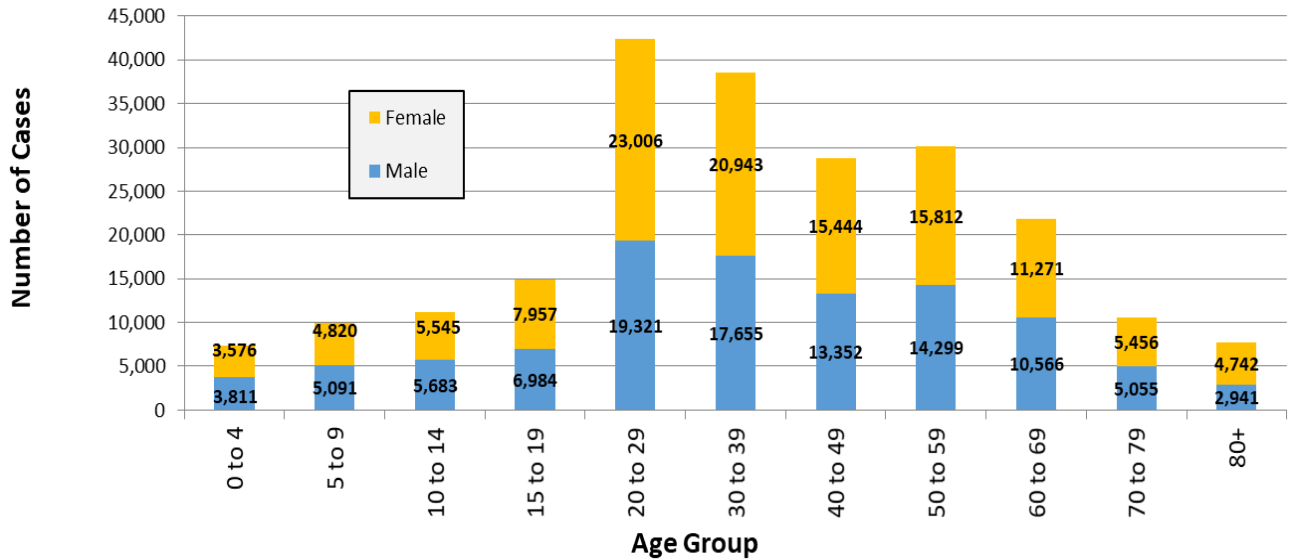
Figure 2

Confirmed COVID-19 Cases by Age Group (April 17-23, 2022)
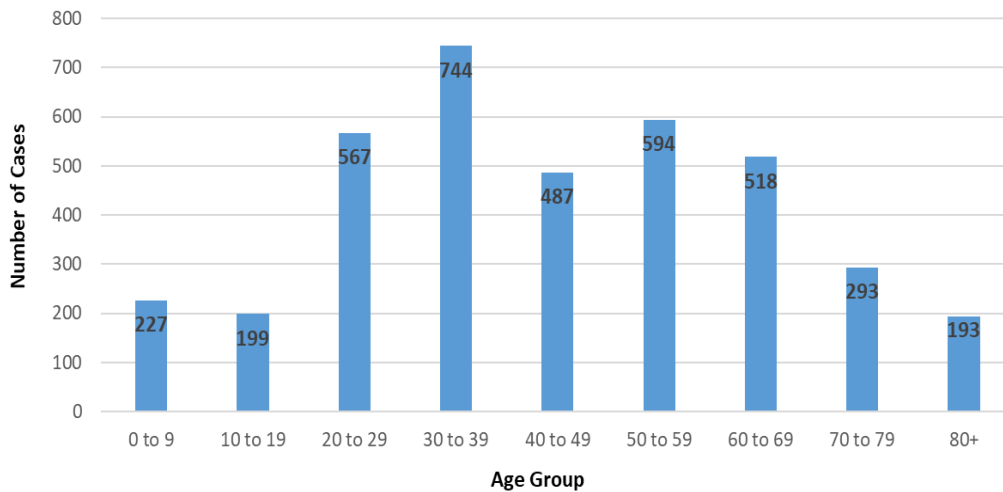
Table 1

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*
3/19/2022	501	52.5
3/26/2022	675	70.7
4/2/2022	996	104.4
4/9/2022	1,632	171.0
4/16/2022	2,619	274.5
4/23/2022	3,822	400.5

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	229	53,555	61.1	427.6
14224	West Seneca	216	39,889	77.4	541.5
14150	Tonawanda	213	41,676	73.0	511.1
14075	Hamburg	201	41,937	68.5	479.3
14086	Lancaster	167	31,847	74.9	524.4
14225	Cheektowaga	165	33,385	70.6	494.2
14215	Buffalo (East)	145	39,999	51.8	362.5
14227	Cheektowaga	133	23,426	81.1	567.7
14127	Orchard Park	129	29,961	61.5	430.6
14226	Amherst (Snyder/Eggertsville)	126	29,267	61.5	430.5
14223	Tonawanda	117	22,665	73.7	516.2
14217	Kenmore	110	23,480	66.9	468.5
14043	Depew	106	24,742	61.2	428.4
14220	Buffalo (South)	104	24,227	61.3	429.3
14206	Buffalo (Kaisertown)	94	20,751	64.7	453.0
14072	Grand Island	91	20,374	63.8	446.6
14216	Buffalo (North)	86	22,431	54.8	383.4
14228	Amherst (Getzville)	85	20,857	58.2	407.5
14052	Aurora	77	17,329	63.5	444.3
14214	Buffalo (University)	75	19,775	54.2	379.3
14207	Buffalo (Black Rock/Riverside)	72	23,552	43.7	305.7
14218	Lackawanna	71	19,039	53.3	372.9
14213	Buffalo (West Side)	70	24,465	40.9	286.1
14051	Amherst (East)	69	19,533	50.5	353.2
14211	Buffalo/Cheektowaga	65	22,611	41.1	287.5
14219	Blasdell	60	11,536	74.3	520.1
14059	Elma	49	8,933	78.4	548.5
14210	Buffalo (South)	47	14,694	45.7	319.9
14212	Buffalo (Broadway)/Sloan	41	10,641	55.0	385.3
14004	Alden	40	12,704	45.0	314.9
14031	Clarence	40	9,392	60.8	425.9
14201	Buffalo (Downtown)	40	11,549	49.5	346.4
14222	Buffalo (Elmwood Village)	40	14,046	40.7	284.8
14204	Buffalo (East)	39	8,691	64.1	448.7
14057	Eden	36	8,116	63.4	443.6
14001	Akron	32	9,464	48.3	338.1
14141	Springville	32	7,728	59.2	414.1
14032	Clarence (North)	31	7,989	55.4	388.0
14006	Angola	29	9,858	42.0	294.2
14208	Buffalo (east)	29	11,125	37.2	260.7

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14068	Amherst (Getzville)	28	7,150	55.9	391.6
14081	Irving	25	3,095	115.4	807.8
14209	Buffalo (Delaware)	24	7,926	43.3	302.8
14085	Hamburg (Lake View)	15	7,353	29.1	204.0
14047	Derby	14	6,440	x	x
14202	Buffalo (Downtown)	13	3,911	x	x
14025	Boston	11	3,039	x	x
14055	East Concord	10	1,405	x	x
14111	North Collins	10	3,352	x	x
14203	Buffalo	10	1,618	x	x
14080	Holland	9	4,330	x	x
14034	Collins	8	2,742	x	x
14091	Lawtons	7	1,079	x	x
14170	West Falls	6	2,286	x	x
14070	Gowanda	5	6,732	x	x
14139	Wales	5	2,125	x	x
14026	Bowmansville	*	674	x	x
14030	Chaffee	*	1,807	x	x
14033	Colden	*	2,219	x	x
14069	Glenwood	*	844	x	x
14102	Marilla	*	1,281	x	x
14231	Buffalo	*	n/a	x	x
14260-1426	Amherst (UB)	*	10,300	x	x
	All Erie County[†]	**3,822**	**954,236**	**57.2**	**400.5**

**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 = 400+ 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.
https://coronavirus.health.ny.gov/covid-19-data-new-york

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Figure 3: Erie County Weekly k-12 student and school staff COVID-19 cases
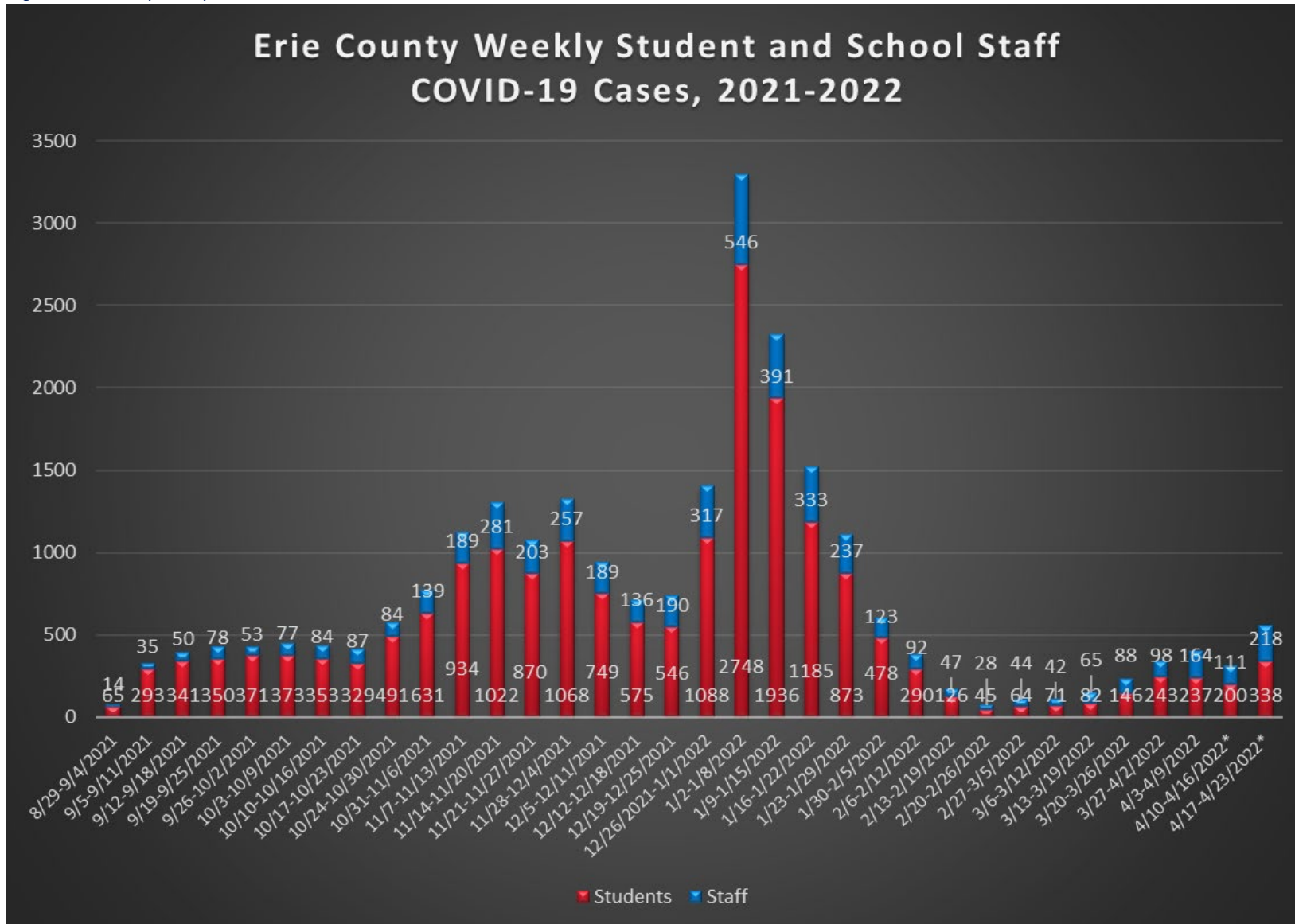
Please see   NYS School COVID-19 Report Card: https://schoolcovidreportcard.health.ny.gov

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

These data may include include self-reported at-home COVID-19 positive tests.

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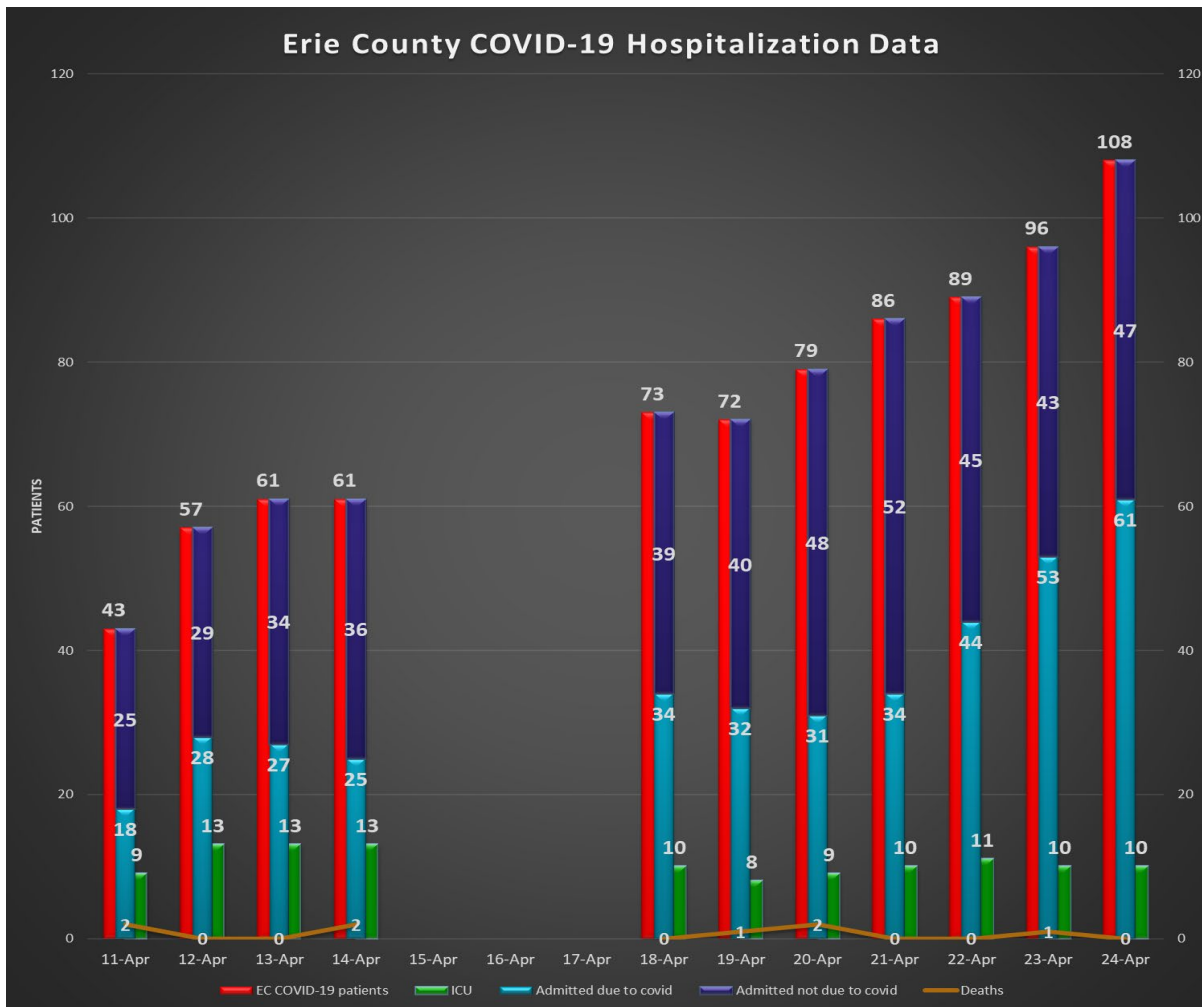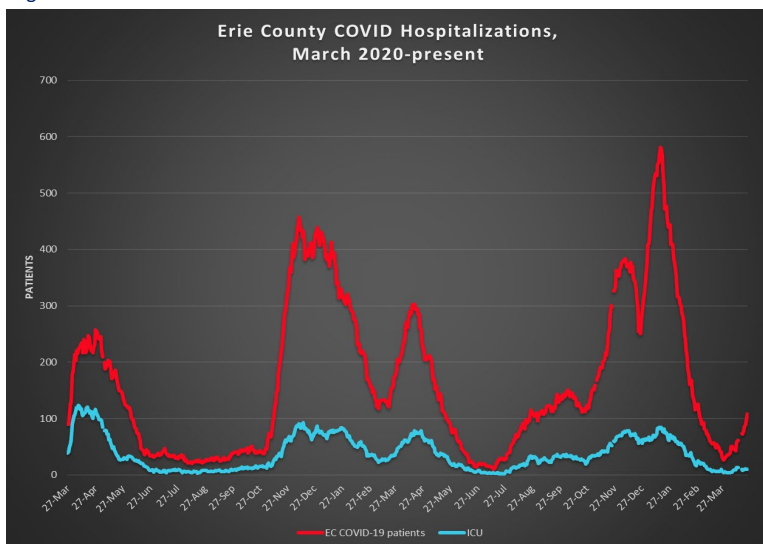
Figure 4a

Figure 4b

*Important Note: Due to the holiday, data collection from health care facilities by NYSDOH was paused from 4/15/2022-4/17/2022.

Data provided by Erie County hospitals and NYSDOH. Patients may include residents from outside Erie County. See
https://coronavirus.health.ny.gov/daily-hospitalization-summary

Section 2: COVID-19 Vaccine Information

Table 3

Erie County COVID-19 Vaccination Rates, Age & ZIP Code (Data through April 25, 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	39.8%	29.3%	35.3%	89.7%	41.6%
14061	Farnham	9.8%	21.0%	47.7%	100.0%	43.8%
14070	Gowanda	30.0%	30.6%	46.4%	76.2%	48.1%
14035	Collins Center	7.8%	100.0%	37.2%	100.0%	50.0%
14030	Chaffee	20.0%	52.7%	52.6%	81.6%	59.3%
14170	West Falls	30.6%	74.3%	48.7%	100.0%	60.7%
14111	North Collins	30.2%	55.5%	61.3%	100.0%	65.9%
14004	Alden	28.4%	53.3%	63.0%	84.4%	66.1%
14055	East Concord	29.2%	66.3%	58.9%	100.0%	68.2%
14025	Boston	34.0%	85.8%	62.8%	69.7%	68.3%
14080	Holland	29.4%	58.7%	61.5%	96.4%	68.8%
14210	Buffalo	36.4%	56.3%	74.2%	85.4%	69.8%
14206	Buffalo	37.4%	62.5%	74.5%	79.2%	72.1%
14208	Buffalo	33.4%	60.5%	85.5%	71.1%	73.2%
14001	Akron	37.1%	60.1%	66.7%	100.0%	73.2%
14222	Buffalo (Elmwood Village)	35.9%	60.2%	89.9%	80.6%	74.0%
14219	Blasdell	35.6%	60.3%	73.4%	97.3%	74.8%
14047	Derby	36.2%	66.1%	69.5%	100.0%	75.8%
14091	Lawtons	42.8%	43.8%	86.3%	90.1%	75.9%
14215	Buffalo	34.2%	63.6%	78.1%	100.0%	76.5%
14006	Angola	33.6%	67.1%	75.2%	86.3%	76.8%
14069	Glenwood	35.9%	83.7%	70.0%	88.6%	77.1%
14204	Buffalo	35.1%	71.8%	75.7%	89.2%	77.2%
14141	Springville	32.8%	71.6%	70.1%	96.8%	77.3%
14059	Elma	36.3%	69.4%	73.6%	89.3%	77.6%
14218	Lackawanna	30.0%	60.9%	79.8%	96.4%	78.0%
14211	Buffalo	41.3%	71.7%	79.2%	87.4%	78.2%
14102	Marilla	32.4%	54.6%	83.3%	95.5%	78.5%
14139	South Wales	34.2%	91.9%	68.5%	100.0%	79.7%
14207	Buffalo	39.1%	60.8%	93.6%	90.8%	80.0%
14057	Eden	43.3%	87.9%	70.7%	100.0%	80.4%
14216	Buffalo	45.6%	68.5%	84.0%	100.0%	80.9%
14043	Depew	41.1%	69.1%	81.7%	93.3%	81.3%
14209	Buffalo	33.1%	72.9%	82.7%	100.0%	82.0%
14225	Cheektowaga	42.8%	65.4%	91.2%	92.6%	83.1%
14220	Buffalo	41.4%	73.4%	83.7%	98.1%	83.2%
14052	East Aurora	59.9%	82.9%	76.3%	100.0%	83.6%
14214	Buffalo	41.8%	78.1%	86.3%	93.0%	83.9%

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

14150	Tonawanda	43.7%	77.1%	82.6%	94.2%	84.3%
14031	Clarence	49.8%	74.0%	79.3%	100.0%	84.3%
14212	Buffalo	42.1%	81.0%	85.9%	85.3%	84.4%
14217	Kenmore	51.5%	88.0%	79.7%	91.2%	84.5%
14224	West Seneca	47.5%	77.8%	79.8%	100.0%	84.8%
14227	Cheektowaga	52.7%	72.9%	82.6%	100.0%	85.5%
14201	Buffalo	31.2%	84.7%	82.8%	98.8%	85.9%
14169	Wales Center	62.1%	n/a	78.9%	100.0%	86.0%
14213	Buffalo	33.2%	79.9%	89.8%	93.3%	86.1%
14032	Clarence Center	52.0%	100.0%	79.0%	100.0%	86.2%
14202	Buffalo	41.1%	68.8%	100.0%	100.0%	87.0%
14228	Amherst (Getzville)	53.0%	79.4%	90.8%	95.3%	87.2%
14075	Hamburg	50.5%	88.8%	80.7%	100.0%	87.4%
14072	Grand Island	49.8%	91.0%	82.8%	100.0%	88.4%
14051	East Amherst	61.7%	100.0%	82.0%	100.0%	88.8%
14226	Amherst (Snyder/Eggertsville	52.2%	87.0%	87.8%	100.0%	90.1%
14223	Tonawanda	44.5%	85.8%	87.9%	100.0%	90.2%
14127	Orchard Park	56.5%	100.0%	84.1%	100.0%	91.2%
14086	Lancaster	53.7%	92.5%	87.4%	100.0%	91.3%
14026	Bowmansville	100.0%	100.0%	86.8%	100.0%	91.8%
14221	Amherst/Williamsville/Claren	61.0%	100.0%	88.3%	96.3%	93.0%
14033	Colden	55.4%	100.0%	94.6%	95.9%	95.4%
14085	Lake View	56.9%	88.7%	99.8%	95.8%	96.5%
14068	Getzville	69.8%	100.0%	100.0%	92.8%	97.1%
14134	Sardinia	45.7%	100.0%	100.0%	100.0%	100.0%
14203	Buffalo	62.6%	100.0%	100.0%	100.0%	100.0%
Total		**43.8%**	**74.6%**	**81.5%**	**95.4%**	**82.8%**

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-April 12, 2022)

Age Group	Jan	Feb	Mar	Apr	Total
<40	7	2	0	0	9
40 to 49	9	1	1	0	11
50 to 59	19	9	2	0	30
60 to 69	49	20	3	0	72
70 to 79	57	25	3	0	85
80+	90	40	10	4	144
Total # of Deaths	**231**	**97**	**19**	**4**	**351**
Ave. Death Age	**74**	**76**	**78**	**86**	**75**

2020 total deaths	1,276
2021 total deaths	1,120
2022 deaths to date	351
Total:	2,747

Table 6

Erie County COVID-19 Deaths by Residence

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	732	26.6%	29.2%
Erie County Excl. Buffalo	2,015	73.4%	70.8%
All of Erie County	**2,747**	**100.0%**	**100.0%**

*Population Source: Prepared from 2020 Census Bureau

4/26/2022: COVID-19 mortality data will be updated in a future report.

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