



**Erie County
Department of
Health**



Public Health
Prevent. Promote. Protect.

COVID-19 Data Update

Week ending April 30, 2022

All data are provisional.

4,893 new COVID-19 cases were recorded for the week ending April 30, 2022. This is a 28% increase compared to the previous week (3,822 cases). These data do not include at-home tests. This is the seventh consecutive week of COVID-19 case increases. The weekly COVID-19 positivity rate was 20.2%, up from 17.6% the previous week.

Overall COVID-19 diagnostic tests totaled 24,199, an increase from the previous week's total of 21,704 tests.

7-day case rate per 100,000 persons was 513, up from 401 for the previous week.

Buffalo city COVID-19 cases comprised ~30.5% of new COVID-19 cases this past week. (Buffalo city population is 29.2% of all Erie County residents).

27 ZIP codes had a 7-day case rate over 500 per 100,000 persons. The ZIP code 14221 had the highest number of reported COVID-19 cases, at 338 reported cases.

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 26, 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)

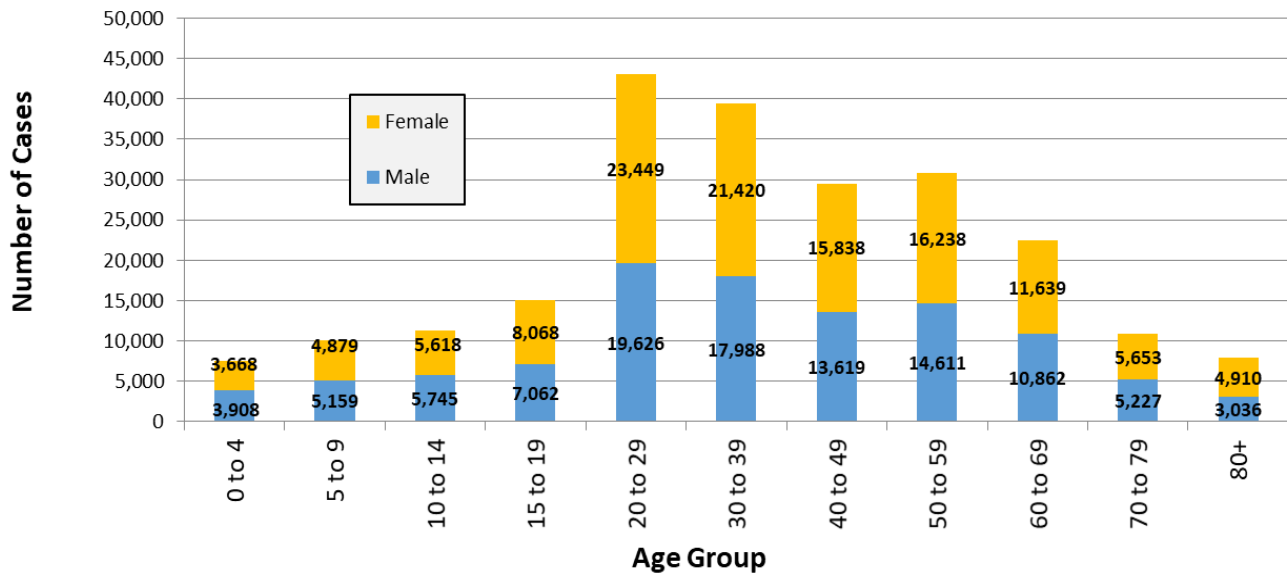


Figure 2

Confirmed COVID-19 Cases by Age Group (April 24-30, 2022)

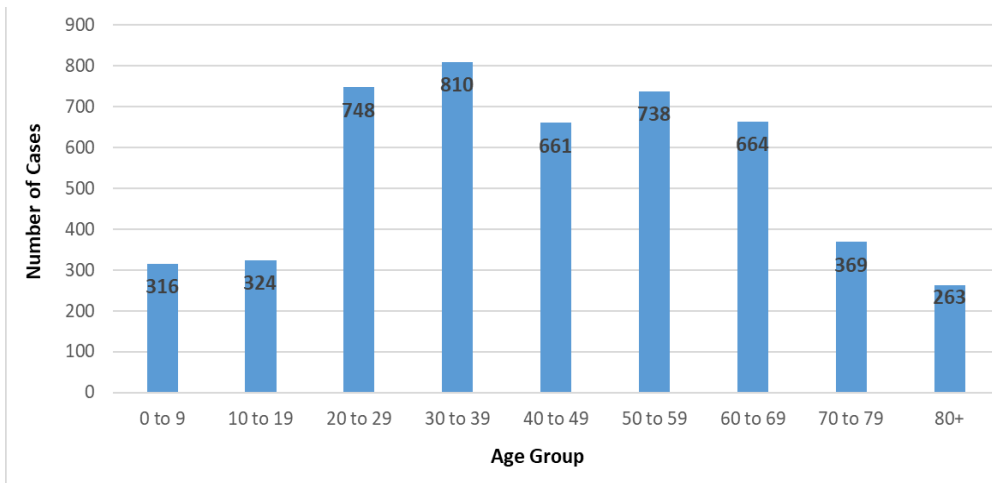


Table 1

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*
3/26/2022	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
4/30/2022	4,893	512.8

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/Clarendon	338	53,555	90.2	631.1
14075	Hamburg	270	41,937	92.0	643.8
14150	Tonawanda	239	41,676	81.9	573.5
14225	Cheektowaga	233	33,385	99.7	697.9
14224	West Seneca	228	39,889	81.7	571.6
14086	Lancaster	221	31,847	99.1	693.9
14215	Buffalo (East)	204	39,999	72.9	510.0
14227	Cheektowaga	156	23,426	95.1	665.9
14226	Amherst (Snyder/Eggertsville)	155	29,267	75.7	529.6
14223	Tonawanda	151	22,665	95.2	666.2
14043	Depew	138	24,742	79.7	557.8
14127	Orchard Park	136	29,961	64.8	453.9
14228	Amherst (Getzville)	134	20,857	91.8	642.5
14217	Kenmore	129	23,480	78.5	549.4
14220	Buffalo (South)	125	24,227	73.7	516.0
14216	Buffalo (North)	114	22,431	72.6	508.2
14051	Amherst (East)	113	19,533	82.6	578.5
14206	Buffalo (Kaisertown)	111	20,751	76.4	534.9
14072	Grand Island	109	20,374	76.4	535.0
14214	Buffalo (University)	106	19,775	76.6	536.0
14207	Buffalo (Black Rock/Riverside)	100	23,552	60.7	424.6
14211	Buffalo/Cheektowaga	96	22,611	60.7	424.6
14210	Buffalo (South)	91	14,694	88.5	619.3
14213	Buffalo (West Side)	85	24,465	49.6	347.4
14218	Lackawanna	79	19,039	59.3	414.9
14052	Aurora	75	17,329	61.8	432.8
14222	Buffalo (Elmwood Village)	68	14,046	69.2	484.1
14141	Springville	60	7,728	110.9	776.4
14031	Clarence	57	9,392	86.7	606.9
14201	Buffalo (Downtown)	54	11,549	66.8	467.6
14219	Blasdell	52	11,536	64.4	450.8
14212	Buffalo (Broadway)/Sloan	49	10,641	65.8	460.5
14068	Amherst (Getzville)	46	7,150	91.9	643.4
14057	Eden	45	8,116	79.2	554.5
14085	Hamburg (Lake View)	45	7,353	87.4	612.0
14006	Angola	41	9,858	59.4	415.9
14032	Clarence (North)	40	7,989	71.5	500.7
14209	Buffalo (Delaware)	38	7,926	68.5	479.4
14059	Elma	34	8,933	54.4	380.6
14204	Buffalo (East)	34	8,691	55.9	391.2

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

14004	Alden	33	12,704	37.1	259.8
14208	Buffalo (east)	32	11,125	41.1	287.6
14047	Derby	27	6,440	59.9	419.3
14202	Buffalo (Downtown)	26	3,911	95.0	664.8
14001	Akron	25	9,464	37.7	264.2
14025	Boston	15	3,039	70.5	493.6
14080	Holland	15	4,330	49.5	346.4
14081	Irving	12	3,095	55.4	387.7
14030	Chaffee	9	1,807	x	x
14091	Lawtons	9	1,079	x	x
14139	Wales	9	2,125	x	x
14034	Collins	8	2,742	x	x
14055	East Concord	8	1,405	x	x
14070	Gowanda	8	6,732	x	x
14170	West Falls	8	2,286	x	x
14111	North Collins	7	3,352	x	x
14026	Bowmansville	6	674	x	x
14033	Colden	6	2,219	x	x
14102	Marilla	6	1,281	x	x
14203	Buffalo	6	1,618	x	x
14069	Glenwood	5	844	x	x
14231	Buffalo	*	n/a	x	x
14260-1426	Amherst (UB)	*	10,300	x	x
	All Erie County[†]	4,893	954,236	73.3	512.8

**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

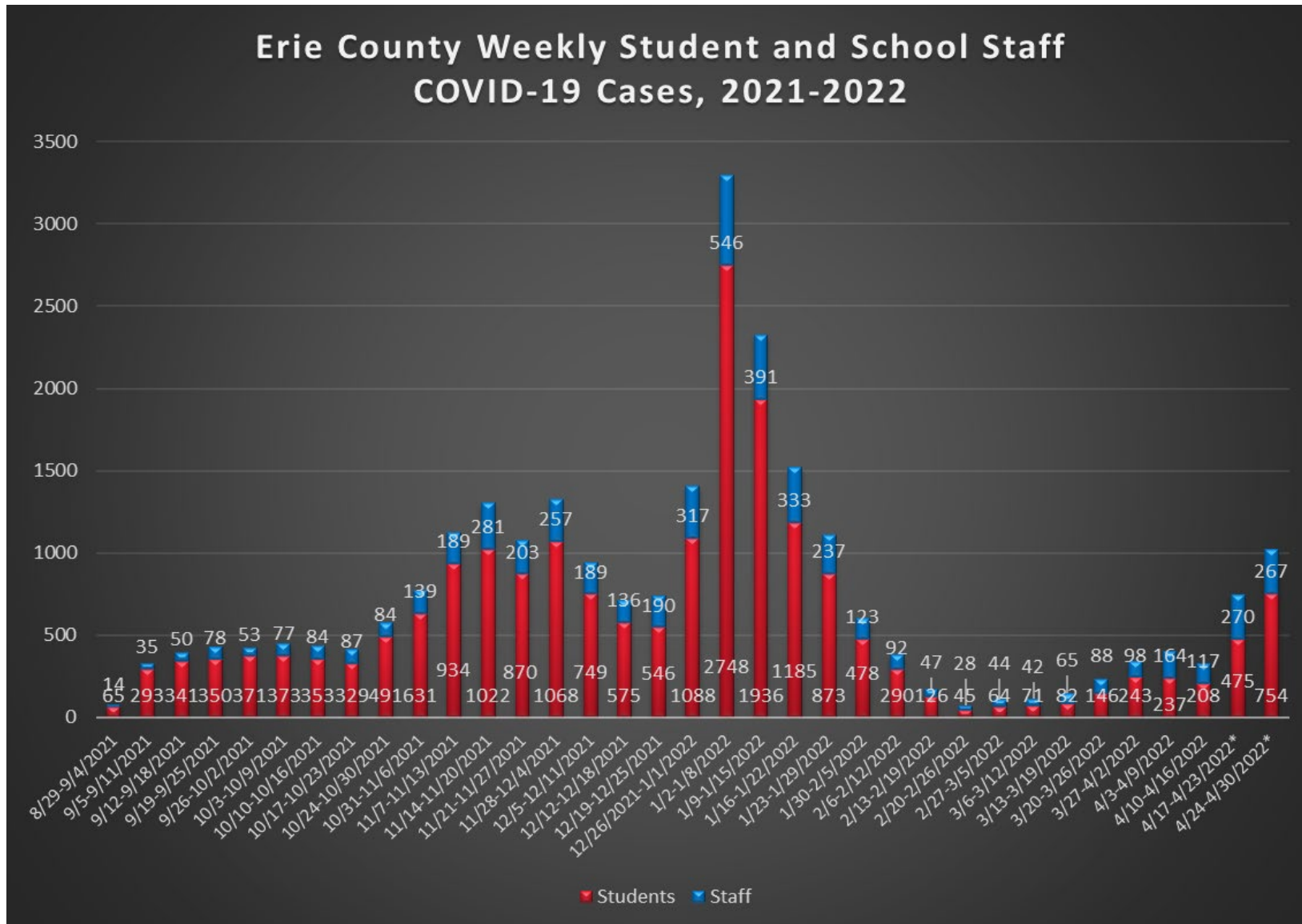
† Total Population Value for Erie County (954,236) from 2020 U.S. Census Bureau used to calculate 'All Erie County' daily and 7-day case rates

Highlighted = 500+ 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>

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



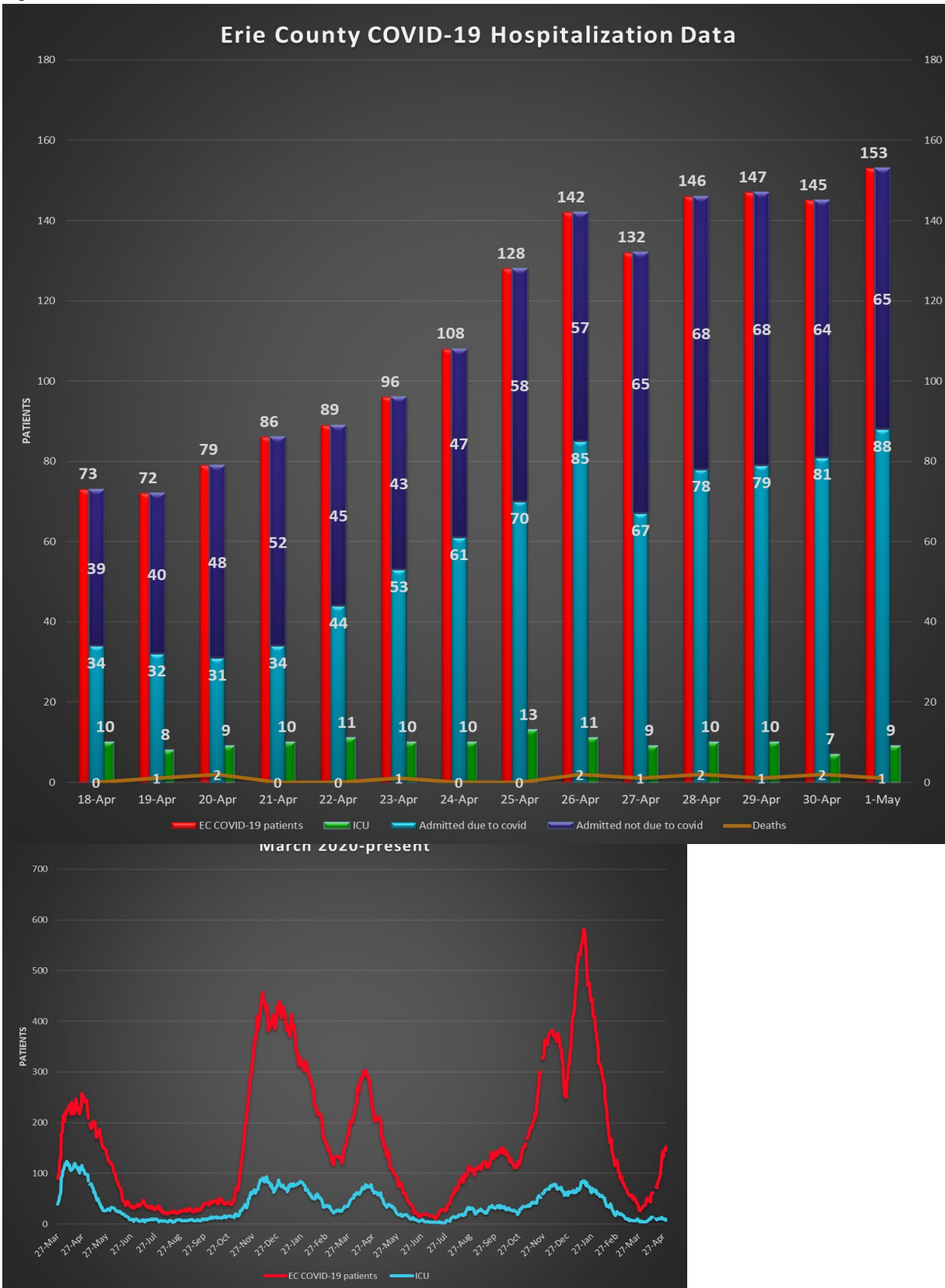
Please see NYS School COVID-19 Report Card: <https://schoolcovidreportcard.health.ny.gov>

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

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

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. 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%	47.1%	100.0%	43.5%
14070	Gowanda	30.0%	30.7%	46.4%	76.3%	48.1%
14035	Collins Center	7.8%	100.0%	37.2%	100.0%	50.0%
14030	Chaffee	20.0%	52.7%	52.8%	81.6%	59.3%
14170	West Falls	30.5%	74.6%	48.7%	100.0%	60.7%
14111	North Collins	30.2%	55.7%	61.3%	100.0%	65.9%
14004	Alden	28.5%	53.4%	63.1%	84.5%	66.2%
14025	Boston	34.0%	85.8%	62.8%	69.7%	68.3%
14055	East Concord	29.2%	66.8%	58.9%	100.0%	68.3%
14080	Holland	29.5%	59.1%	61.4%	96.3%	68.8%
14210	Buffalo	36.5%	56.3%	74.2%	85.1%	69.7%
14206	Buffalo	37.8%	62.8%	74.4%	79.2%	72.2%
14208	Buffalo	33.6%	60.6%	85.5%	71.1%	73.2%
14001	Akron	37.2%	60.0%	66.7%	100.0%	73.3%
14222	Buffalo (Elmwood Village)	35.9%	60.2%	89.9%	80.5%	74.0%
14219	Blasdell	35.8%	60.4%	73.4%	97.6%	74.9%
14047	Derby	36.2%	66.2%	69.6%	100.0%	75.9%
14091	Lawtons	42.8%	43.8%	86.3%	90.1%	75.9%
14215	Buffalo	34.5%	63.7%	78.3%	100.0%	76.6%
14006	Angola	33.7%	67.1%	75.3%	86.3%	76.9%
14069	Glenwood	35.9%	83.7%	70.0%	88.1%	77.0%
14141	Springville	32.9%	71.5%	70.1%	96.9%	77.3%
14204	Buffalo	35.6%	71.9%	75.8%	89.4%	77.4%
14059	Elma	36.3%	69.2%	73.7%	89.4%	77.6%
14218	Lackawanna	30.0%	61.1%	79.8%	96.6%	78.1%
14211	Buffalo	41.6%	71.9%	79.2%	87.3%	78.3%
14102	Marilla	32.4%	54.6%	83.3%	95.5%	78.5%
14139	South Wales	34.3%	91.9%	68.5%	100.0%	79.7%
14207	Buffalo	39.3%	61.0%	93.7%	90.9%	80.2%
14057	Eden	43.3%	87.7%	70.7%	100.0%	80.4%
14216	Buffalo	45.6%	68.5%	84.0%	100.0%	80.9%
14043	Depew	41.2%	69.3%	81.7%	93.4%	81.4%
14209	Buffalo	32.9%	73.0%	82.8%	100.0%	82.1%
14225	Cheektowaga	43.1%	65.4%	91.2%	92.5%	83.1%
14220	Buffalo	41.4%	73.5%	83.7%	98.1%	83.3%
14052	East Aurora	59.9%	83.0%	76.2%	100.0%	83.5%
14214	Buffalo	42.0%	78.2%	86.4%	93.1%	84.0%

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%	94.1%	84.3%
14031	Clarence	49.9%	74.0%	79.3%	100.0%	84.4%
14212	Buffalo	42.4%	81.5%	85.8%	85.3%	84.5%
14217	Kenmore	51.7%	88.0%	79.6%	91.3%	84.6%
14224	West Seneca	47.5%	77.9%	79.8%	100.0%	84.8%
14227	Cheektowaga	52.8%	73.0%	82.7%	100.0%	85.5%
14201	Buffalo	31.4%	84.8%	82.8%	98.6%	85.9%
14169	Wales Center	62.1%	n/a	78.9%	100.0%	86.0%
14213	Buffalo	33.4%	79.9%	89.9%	93.3%	86.1%
14032	Clarence Center	52.1%	100.0%	79.0%	100.0%	86.1%
14202	Buffalo	41.4%	68.8%	100.0%	100.0%	87.1%
14228	Amherst (Getzville)	53.0%	79.5%	90.9%	95.2%	87.3%
14075	Hamburg	50.6%	88.9%	80.7%	100.0%	87.5%
14072	Grand Island	50.0%	91.0%	82.8%	100.0%	88.4%
14051	East Amherst	61.8%	100.0%	82.1%	100.0%	88.9%
14226	Amherst (Snyder/Eggertsville)	52.2%	87.1%	87.7%	100.0%	90.2%
14223	Tonawanda	44.5%	85.9%	87.9%	100.0%	90.3%
14127	Orchard Park	56.6%	100.0%	84.1%	100.0%	91.2%
14086	Lancaster	53.8%	92.5%	87.5%	100.0%	91.3%
14026	Bowmansville	100.0%	100.0%	86.8%	100.0%	91.8%
14221	Amherst/Williamsville/Clarence	61.1%	100.0%	88.3%	96.3%	93.0%
14033	Colden	55.4%	100.0%	94.3%	95.9%	95.3%
14085	Lake View	57.0%	88.7%	99.9%	95.9%	96.6%
14068	Getzville	70.1%	100.0%	100.0%	92.6%	97.0%
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		44.0%	74.6%	81.5%	95.4%	82.8%

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-April 26, 2022)

Age Group	Jan	Feb	Mar	Apr	Total
<40	7	2	0	0	9
40 to 49	9	1	1	1	12
50 to 59	19	9	2	0	30
60 to 69	49	20	3	3	75
70 to 79	57	25	3	5	90
80+	90	40	10	7	147
Total # of Deaths	231	97	19	16	363
Ave. Death Age	74	76	78	77	75

2020 total deaths	1,276
2021 total deaths	1,120
2022 deaths to date	363
Total:	2,759

Table 6

Erie County COVID-19 Deaths by Residence

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	736	26.7%	29.2%
Erie County Excl. Buffalo	2,023	73.3%	70.8%
All of Erie County	2,759	100.0%	100.0%

*Population Source: Prepared from 2020 Census Bureau