



COVID-19 Data Update

Week ending May 21, 2022

All data are provisional.

3,462 new COVID-19 cases were recorded for the week ending May 21, 2022. This is a 27% decrease compared to the previous week's total (4,738 cases). These data do not include at-home tests. This is the second consecutive week of declining COVID-19 case totals. The weekly COVID-19 positivity rate was 16.9%, a decrease from the previous week's COVID-19 positivity rate of 20.2%.

Overall COVID-19 diagnostic tests totaled 20,449, down from the previous week's total of 23,414 tests.

7-day case rate per 100,000 persons was 363, down from 497 for the previous week.

Buffalo city COVID-19 cases comprised ~37% of new COVID-19 cases this past week. (Buffalo city population is 29.2% of all Erie County residents).

Three ZIP codes had a 7-day case rate over 500 per 100,000 persons, a significant reduction from the previous week. The ZIP code 14221 had the highest number of reported COVID-19 cases, at 205 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 May 17, 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)

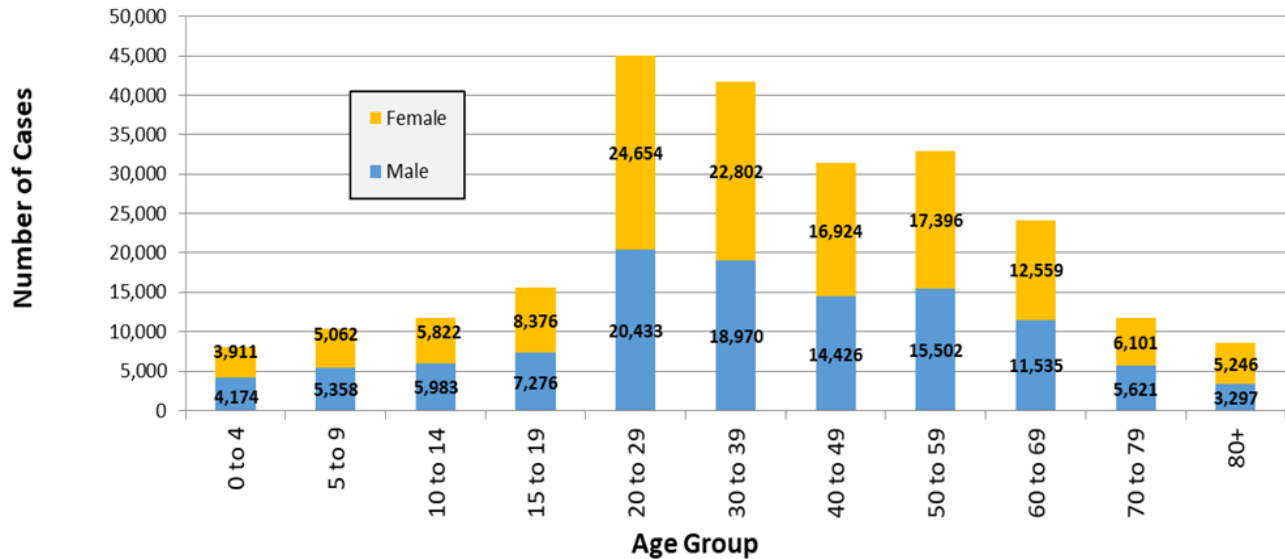


Figure 2

Confirmed COVID-19 Cases by Age Group (May 15-21, 2022)

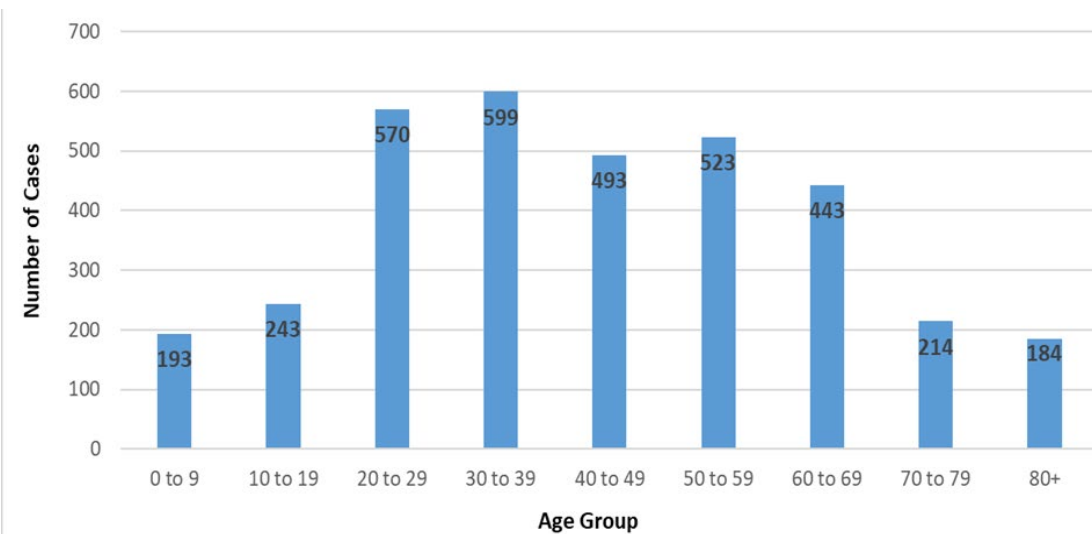


Table 1

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*
4/16/2022	2,619	274.5
4/23/2022	3,822	400.5
4/30/2022	4,893	512.8
5/7/2022	5,005	524.5
5/14/2022	4,738	496.5
5/21/2022	3,462	362.8

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/Clarend	205	53,555	54.7	382.8
14075	Hamburg	176	41,937	60.0	419.7
14215	Buffalo (East)	154	39,999	55.0	385.0
14150	Tonawanda	148	41,676	50.7	355.1
14225	Cheektowaga	144	33,385	61.6	431.3
14224	West Seneca	127	39,889	45.5	318.4
14226	Amherst (Snyder/Eggertsville)	117	29,267	57.1	399.8
14086	Lancaster	114	31,847	51.1	358.0
14227	Cheektowaga	100	23,426	61.0	426.9
14211	Buffalo/Cheektowaga	97	22,611	61.3	429.0
14216	Buffalo (North)	92	22,431	58.6	410.1
14207	Buffalo (Black Rock/Riverside)	91	23,552	55.2	386.4
14214	Buffalo (University)	91	19,775	65.7	460.2
14223	Tonawanda	90	22,665	56.7	397.1
14228	Amherst (Getzville)	90	20,857	61.6	431.5
14217	Kenmore	88	23,480	53.5	374.8
14043	Depew	87	24,742	50.2	351.6
14220	Buffalo (South)	87	24,227	51.3	359.1
14206	Buffalo (Kaisertown)	81	20,751	55.8	390.3
14213	Buffalo (West Side)	81	24,465	47.3	331.1
14127	Orchard Park	78	29,961	37.2	260.3
14072	Grand Island	70	20,374	49.1	343.6
14218	Lackawanna	69	19,039	51.8	362.4
14051	Amherst (East)	68	19,533	49.7	348.1
14208	Buffalo (east)	53	11,125	68.1	476.4
14201	Buffalo (Downtown)	52	11,549	64.3	450.3
14209	Buffalo (Delaware)	52	7,926	93.7	656.1
14210	Buffalo (South)	52	14,694	50.6	353.9
14052	Aurora	49	17,329	40.4	282.8
14222	Buffalo (Elmwood Village)	44	14,046	44.8	313.3
14085	Hamburg (Lake View)	42	7,353	81.6	571.2
14004	Alden	40	12,704	45.0	314.9
14219	Blasdell	37	11,536	45.8	320.7
14204	Buffalo (East)	36	8,691	59.2	414.2
14212	Buffalo (Broadway)/Sloan	36	10,641	48.3	338.3
14032	Clarence (North)	35	7,989	62.6	438.1
14059	Elma	35	8,933	56.0	391.8
14031	Clarence	33	9,392	50.2	351.4
14141	Springville	33	7,728	61.0	427.0
14202	Buffalo (Downtown)	33	3,911	120.5	843.8

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

14006	Angola	32	9,858	46.4	324.6
14047	Derby	31	6,440	68.8	481.4
14068	Amherst (Getzville)	31	7,150	61.9	433.6
14001	Akron	20	9,464	30.2	211.3
14057	Eden	20	8,116	35.2	246.4
14025	Boston	12	3,039	x	x
14034	Collins	10	2,742	x	x
14081	Irving	10	3,095	46.2	323.1
14070	Gowanda	9	6,732	x	x
14111	North Collins	9	3,352	x	x
14203	Buffalo	9	1,618	x	x
14139	Wales	8	2,125	x	x
14033	Colden	7	2,219	x	x
14170	West Falls	7	2,286	x	x
14055	East Concord	5	1,405	x	x
14069	Glenwood	5	844	x	x
14260-1426	Amherst (UB)	5	10,300	x	x
14026	Bowmansville	*	674	x	x
14030	Chaffee	*	1,807	x	x
14080	Holland	*	4,330	x	x
14091	Lawtons	*	1,079	x	x
14102	Marilla	*	1,281	x	x
14231	Buffalo	*	n/a	x	x
	All Erie County[†]	3,462	954,236	51.8	362.8

**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

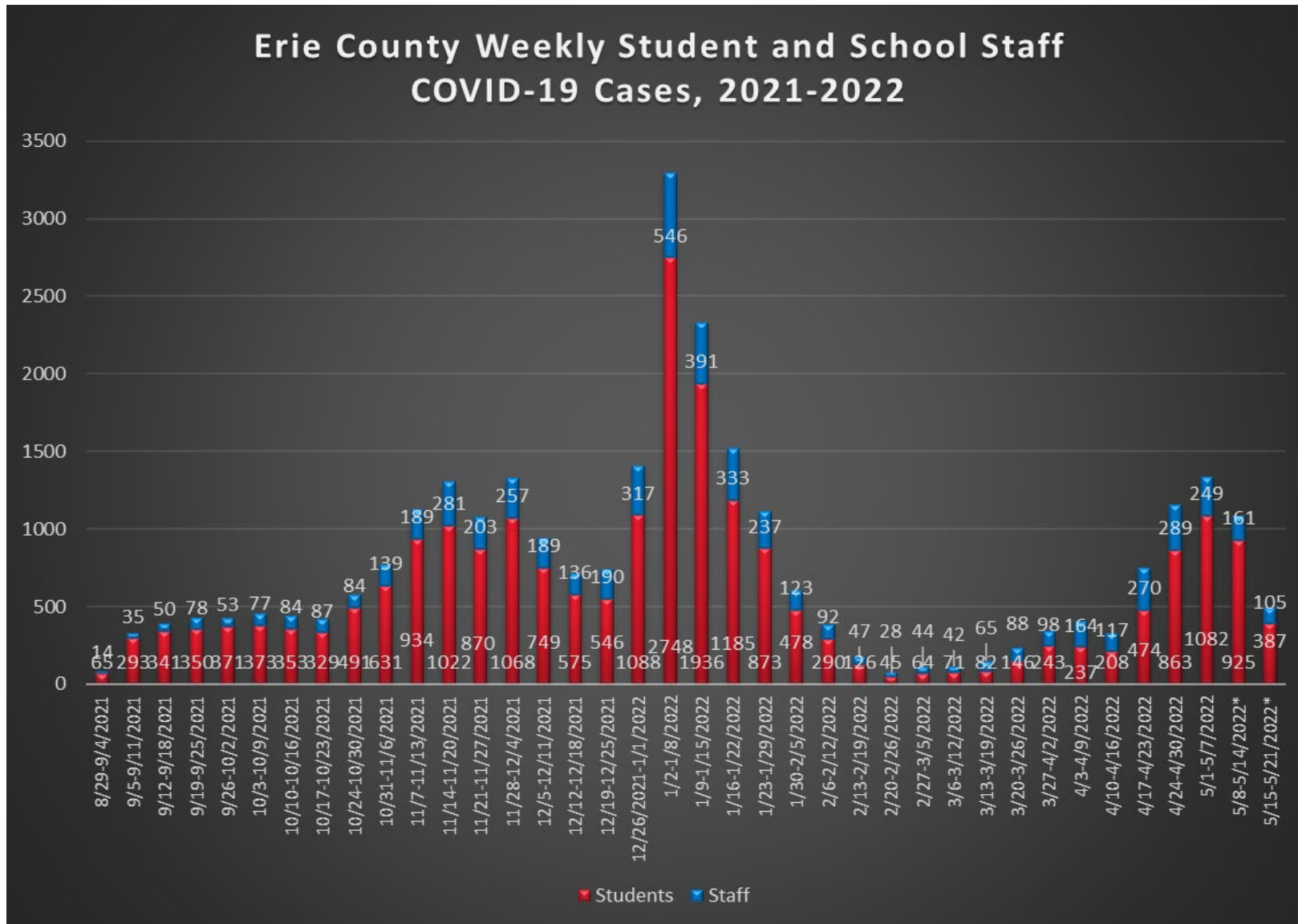
† Total Population Value for Erie County (954,236) from 2020 U.S. Census Bureau used to calculate 'All Erie County' daily and 7-day case rates

Highlighted = 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>

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.

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Figure 4a

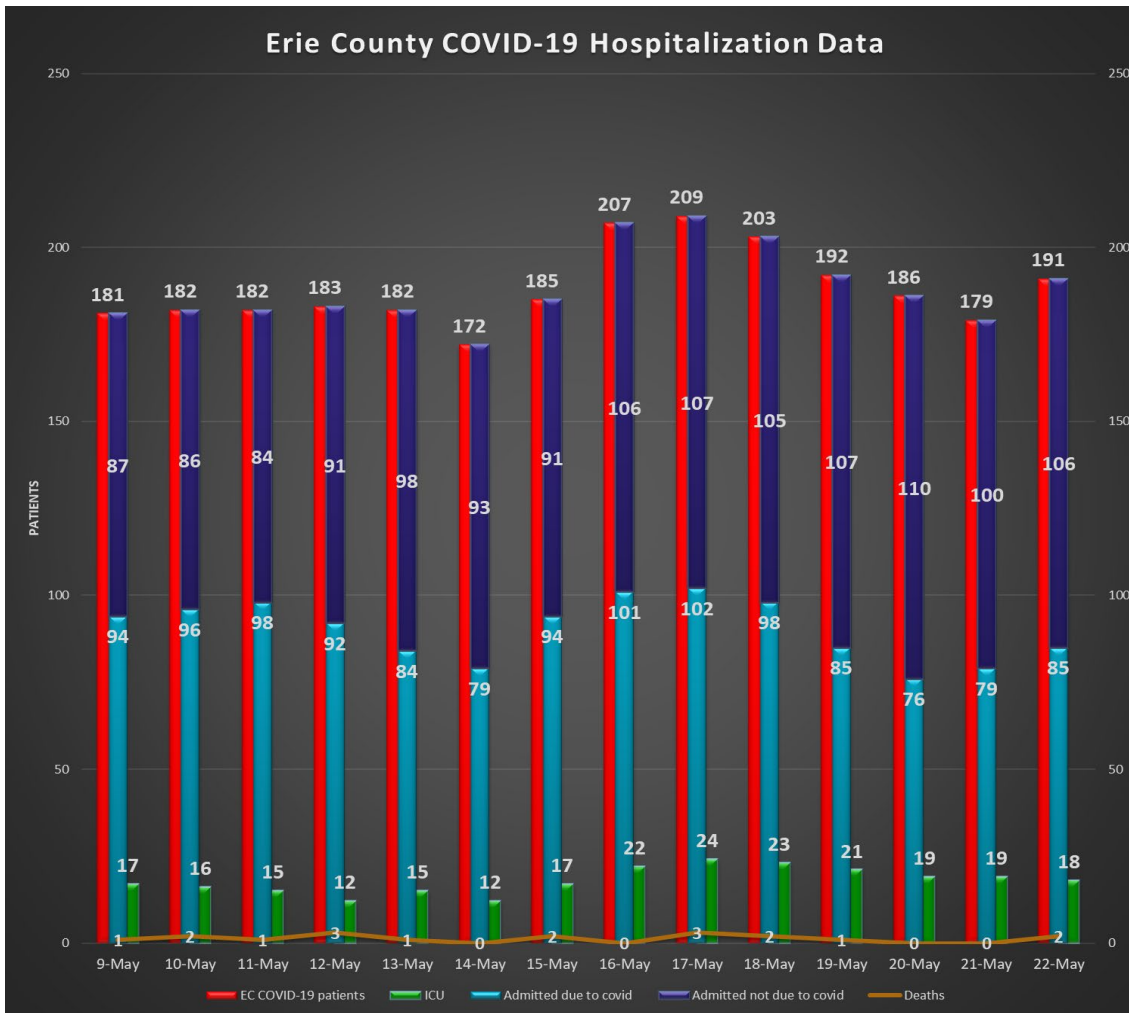
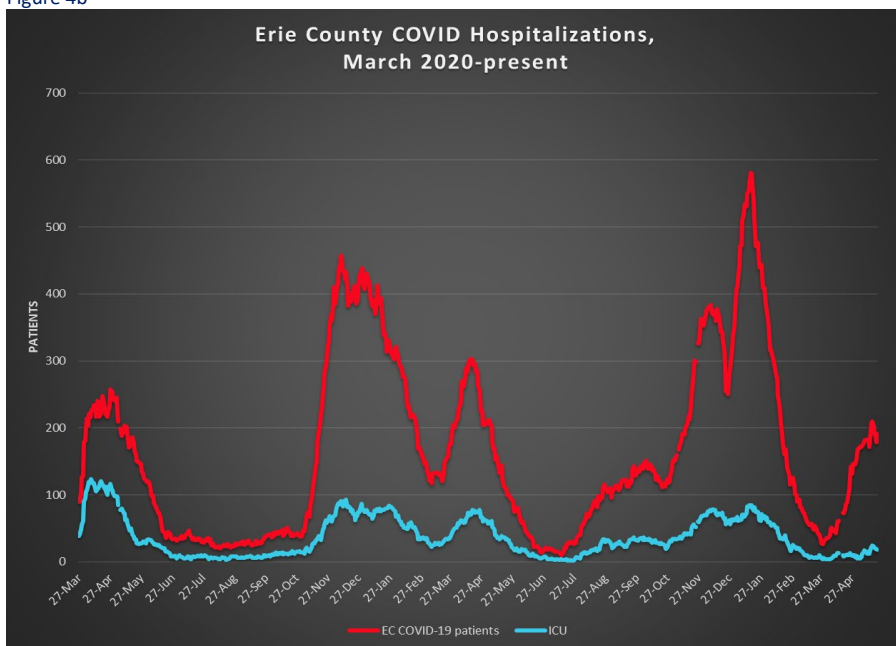


Figure 4b



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

ZIP Code	City	% of 0-19 population vaccinated (with at least 1 dose)	% of 20-34 population vaccinated (with at least 1 dose)	% of 35-64 population vaccinated (with at least 1 dose)	% of 65+ population vaccinated (with at least 1 dose)	% of 20+ Population Vaccinated (with at least 1 dose)
14112	North Evans	n/a	31.1%	n/a	48.3%	41.0%
14034	Collins	40.1%	29.5%	35.5%	89.4%	41.8%
14061	Farnham	9.8%	21.0%	47.1%	100.0%	43.5%
14070	Gowanda	30.1%	30.9%	46.3%	76.2%	48.1%
14035	Collins Center	7.8%	100.0%	37.2%	100.0%	50.0%
14030	Chaffee	20.0%	52.7%	52.8%	82.0%	59.4%
14170	West Falls	30.5%	74.9%	48.9%	100.0%	60.9%
14111	North Collins	30.1%	55.7%	61.3%	100.0%	65.9%
14004	Alden	28.5%	53.5%	63.1%	84.6%	66.3%
14055	East Concord	29.6%	66.8%	58.8%	100.0%	68.2%
14025	Boston	34.5%	85.8%	62.8%	69.9%	68.4%
14080	Holland	29.4%	59.1%	61.5%	96.5%	68.9%
14210	Buffalo	36.6%	56.4%	74.4%	85.1%	69.9%
14206	Buffalo	38.3%	63.1%	74.6%	79.1%	72.3%
14208	Buffalo	34.1%	60.9%	85.4%	70.9%	73.2%
14001	Akron	37.3%	60.4%	66.7%	100.0%	73.3%
14222	Buffalo (Elmwood Village)	36.0%	60.4%	90.1%	80.5%	74.1%
14219	Blasdell	36.1%	60.6%	73.3%	97.4%	74.8%
14047	Derby	36.4%	66.1%	69.8%	100.0%	76.0%
14091	Lawtons	42.5%	43.8%	86.8%	90.1%	76.2%
14215	Buffalo	34.9%	64.3%	78.5%	100.0%	76.9%
14006	Angola	33.8%	67.3%	75.3%	86.5%	77.0%
14141	Springville	32.9%	71.7%	70.1%	97.5%	77.5%
14069	Glenwood	36.6%	83.7%	70.0%	90.3%	77.6%
14204	Buffalo	36.2%	72.3%	76.1%	89.5%	77.7%
14059	Elma	36.3%	69.4%	73.7%	89.7%	77.8%
14102	Marilla	32.4%	54.2%	83.3%	94.6%	78.2%
14218	Lackawanna	30.3%	61.3%	80.0%	97.2%	78.3%
14211	Buffalo	42.3%	72.6%	79.6%	87.3%	78.7%
14139	South Wales	34.2%	92.3%	68.4%	100.0%	79.7%
14207	Buffalo	39.9%	61.4%	94.0%	90.4%	80.4%
14057	Eden	43.4%	88.0%	70.8%	100.0%	80.5%
14216	Buffalo	45.9%	68.6%	84.2%	100.0%	81.0%
14043	Depew	41.5%	69.4%	81.7%	93.5%	81.4%
14209	Buffalo	33.5%	73.0%	83.1%	100.0%	82.2%
14225	Cheektowaga	43.4%	65.7%	91.4%	92.3%	83.2%
14220	Buffalo	42.0%	73.7%	83.9%	98.1%	83.4%

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

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

14052	East Aurora	60.2%	83.3%	76.3%	100.0%	83.7%
14214	Buffalo	42.2%	78.3%	86.7%	93.8%	84.3%
14031	Clarence	50.0%	73.9%	79.4%	100.0%	84.4%
14150	Tonawanda	43.9%	77.1%	82.8%	94.3%	84.4%
14212	Buffalo	43.4%	82.0%	85.8%	85.4%	84.7%
14217	Kenmore	51.8%	88.0%	79.6%	91.8%	84.7%
14224	West Seneca	47.7%	78.1%	79.9%	100.0%	84.9%
14227	Cheektowaga	53.3%	73.2%	82.8%	100.0%	85.6%
14201	Buffalo	31.9%	84.9%	83.0%	98.2%	86.0%
14213	Buffalo	33.7%	79.9%	89.9%	93.5%	86.1%
14032	Clarence Center	52.2%	100.0%	79.1%	100.0%	86.2%
14202	Buffalo	41.9%	69.2%	100.0%	100.0%	87.2%
14169	Wales Center	62.1%	n/a	80.7%	100.0%	87.2%
14228	Amherst (Getzville)	53.4%	79.7%	90.9%	94.9%	87.3%
14075	Hamburg	50.8%	89.0%	80.8%	100.0%	87.6%
14072	Grand Island	50.3%	91.3%	82.9%	100.0%	88.5%
14051	East Amherst	62.0%	100.0%	82.1%	100.0%	88.9%
14226	Amherst (Snyder/Eggertsville)	52.4%	87.3%	87.7%	100.0%	90.2%
14223	Tonawanda	44.6%	85.9%	87.9%	100.0%	90.2%
14127	Orchard Park	56.7%	100.0%	84.1%	100.0%	91.2%
14086	Lancaster	53.9%	92.5%	87.5%	100.0%	91.3%
14026	Bowmansville	100.0%	100.0%	87.4%	100.0%	92.2%
14221	Amherst/Williamsville/Clarence	61.3%	100.0%	88.5%	96.8%	93.3%
14033	Colden	55.4%	100.0%	94.2%	96.1%	95.3%
14085	Lake View	57.0%	88.9%	99.9%	95.8%	96.6%
14068	Getzville	70.3%	100.0%	100.0%	93.9%	97.6%
14134	Sardinia	45.7%	100.0%	100.0%	100.0%	100.0%
14203	Buffalo	63.1%	100.0%	100.0%	100.0%	100.0%
Total		44.2%	74.8%	81.6%	95.5%	82.9%

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-May 17, 2022)

Age Group	Jan	Feb	Mar	Apr	May	Total
<40	7	2	0	0	1	10
40 to 49	9	1	1	1	0	12
50 to 59	19	9	2	0	0	30
60 to 69	49	20	3	4	2	78
70 to 79	57	25	3	7	8	100
80+	90	40	10	17	18	175
Total # of Deaths	231	97	19	29	29	405
Ave. Death Age	74	76	78	80	83	76

2020 total deaths	1,276
2021 total deaths	1,120
2022 deaths to date	405
Total:	2,801

Table 6

Erie County COVID-19 Deaths by Residence

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	741	26.5%	29.2%
Erie County Excl. Buffalo	2,060	73.5%	70.8%
All of Erie County	2,801	100.0%	100.0%

*Population Source: Prepared from 2020 Census Bureau