



COVID-19 Data Update

Week ending May 7, 2022

All data are provisional.

5,005 new COVID-19 cases were recorded for the week ending May 7, 2022. This is a 2% increase compared to the previous week (4,893 cases). These data do not include at-home tests. This is the eighth consecutive week of COVID-19 case increases. The weekly COVID-19 positivity rate was 20.1%, down from 20.2% the previous week.

Overall COVID-19 diagnostic tests totaled 24,951, on par with the previous week's total of 24,199 tests.

7-day case rate per 100,000 persons was 525, up from 513 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).

31 ZIP codes had a 7-day case rate over 500 per 100,000 persons, and 13 ZIP codes had a 7-day case rate over 600 per 100,000 persons. The ZIP code 14221 had the highest number of reported COVID-19 cases, at 332 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 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)

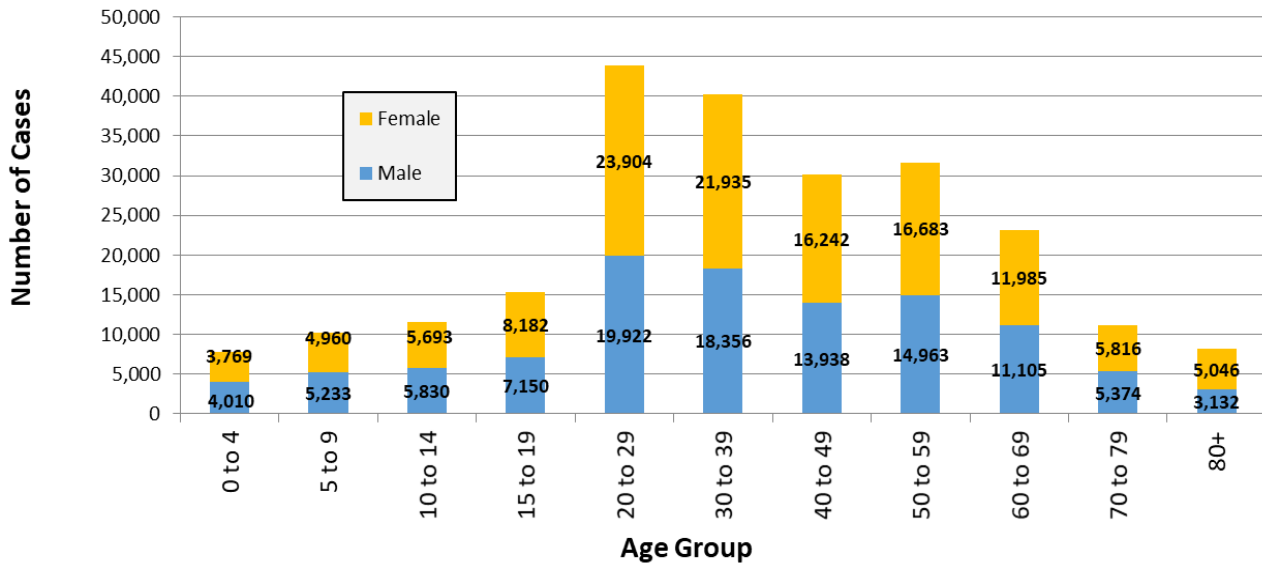


Figure 2

Confirmed COVID-19 Cases by Age Group (May 1-7, 2022)

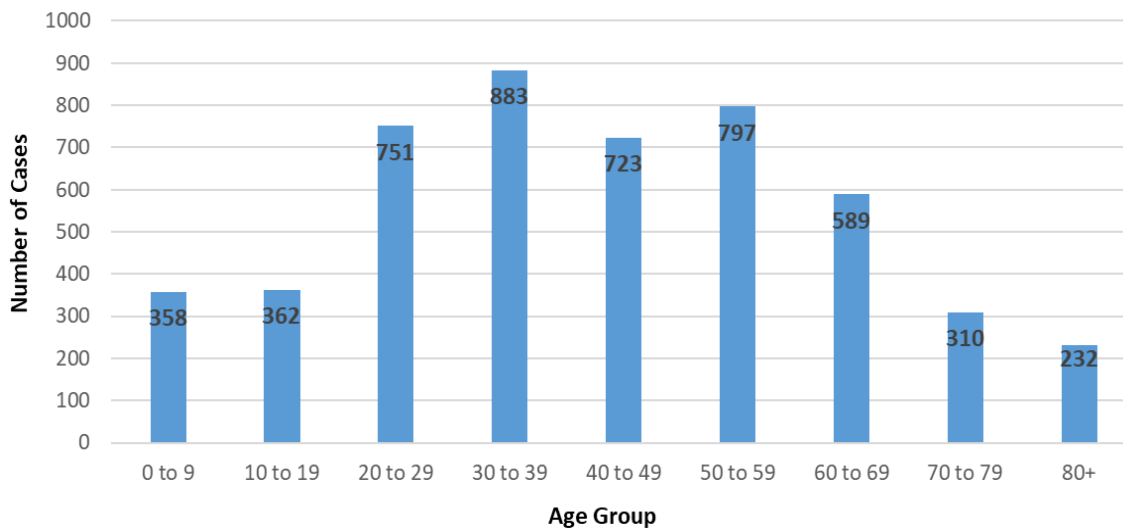


Table 1

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*
4/2/2022	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
5/7/2022	5,005	524.5

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	332	53,555	88.6	619.9
14075	Hamburg	277	41,937	94.4	660.5
14224	West Seneca	242	39,889	86.7	606.7
14150	Tonawanda	223	41,676	76.4	535.1
14215	Buffalo (East)	219	39,999	78.2	547.5
14226	Amherst (Snyder/Eggertsville)	188	29,267	91.8	642.4
14225	Cheektowaga	181	33,385	77.5	542.2
14086	Lancaster	171	31,847	76.7	536.9
14223	Tonawanda	151	22,665	95.2	666.2
14127	Orchard Park	145	29,961	69.1	484.0
14217	Kenmore	139	23,480	84.6	592.0
14227	Cheektowaga	139	23,426	84.8	593.4
14043	Depew	138	24,742	79.7	557.8
14214	Buffalo (University)	138	19,775	99.7	697.9
14228	Amherst (Getzville)	128	20,857	87.7	613.7
14207	Buffalo (Black Rock/Riverside)	126	23,552	76.4	535.0
14220	Buffalo (South)	125	24,227	73.7	516.0
14216	Buffalo (North)	123	22,431	78.3	548.3
14206	Buffalo (Kaisertown)	120	20,751	82.6	578.3
14072	Grand Island	113	20,374	79.2	554.6
14218	Lackawanna	104	19,039	78.0	546.2
14051	Amherst (East)	102	19,533	74.6	522.2
14213	Buffalo (West Side)	101	24,465	59.0	412.8
14211	Buffalo/Cheektowaga	93	22,611	58.8	411.3
14210	Buffalo (South)	75	14,694	72.9	510.4
14222	Buffalo (Elmwood Village)	73	14,046	74.2	519.7
14031	Clarence	65	9,392	98.9	692.1
14052	Aurora	65	17,329	53.6	375.1
14141	Springville	62	7,728	114.6	802.3
14201	Buffalo (Downtown)	61	11,549	75.5	528.2
14219	Blasdell	58	11,536	71.8	502.8
14208	Buffalo (east)	53	11,125	68.1	476.4
14004	Alden	50	12,704	56.2	393.6
14068	Amherst (Getzville)	50	7,150	99.9	699.3
14085	Hamburg (Lake View)	48	7,353	93.3	652.8
14212	Buffalo (Broadway)/Sloan	44	10,641	59.1	413.5
14032	Clarence (North)	39	7,989	69.7	488.2
14057	Eden	38	8,116	66.9	468.2
14059	Elma	37	8,933	59.2	414.2
14204	Buffalo (East)	37	8,691	60.8	425.7

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

14209	Buffalo (Delaware)	36	7,926	64.9	454.2
14006	Angola	34	9,858	49.3	344.9
14047	Derby	31	6,440	68.8	481.4
14202	Buffalo (Downtown)	25	3,911	91.3	639.2
14001	Akron	22	9,464	33.2	232.5
14203	Buffalo	22	1,618	194.2	1359.7
14080	Holland	18	4,330	59.4	415.7
14025	Boston	15	3,039	70.5	493.6
14111	North Collins	14	3,352	x	x
14070	Gowanda	13	6,732	x	x
14170	West Falls	13	2,286	x	x
14033	Colden	11	2,219	x	x
14034	Collins	11	2,742	x	x
14055	East Concord	11	1,405	x	x
14260-1426	Amherst (UB)	10	10,300	x	x
14091	Lawtons	8	1,079	x	x
14139	Wales	8	2,125	x	x
14081	Irving	7	3,095	x	x
14102	Marilla	6	1,281	x	x
14026	Bowmansville	*	674	x	x
14030	Chaffee	*	1,807	x	x
14069	Glenwood	*	844	x	x
14231	Buffalo	*	n/a	x	x
	All Erie County[†]	5,005	954,236	74.9	524.5

**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

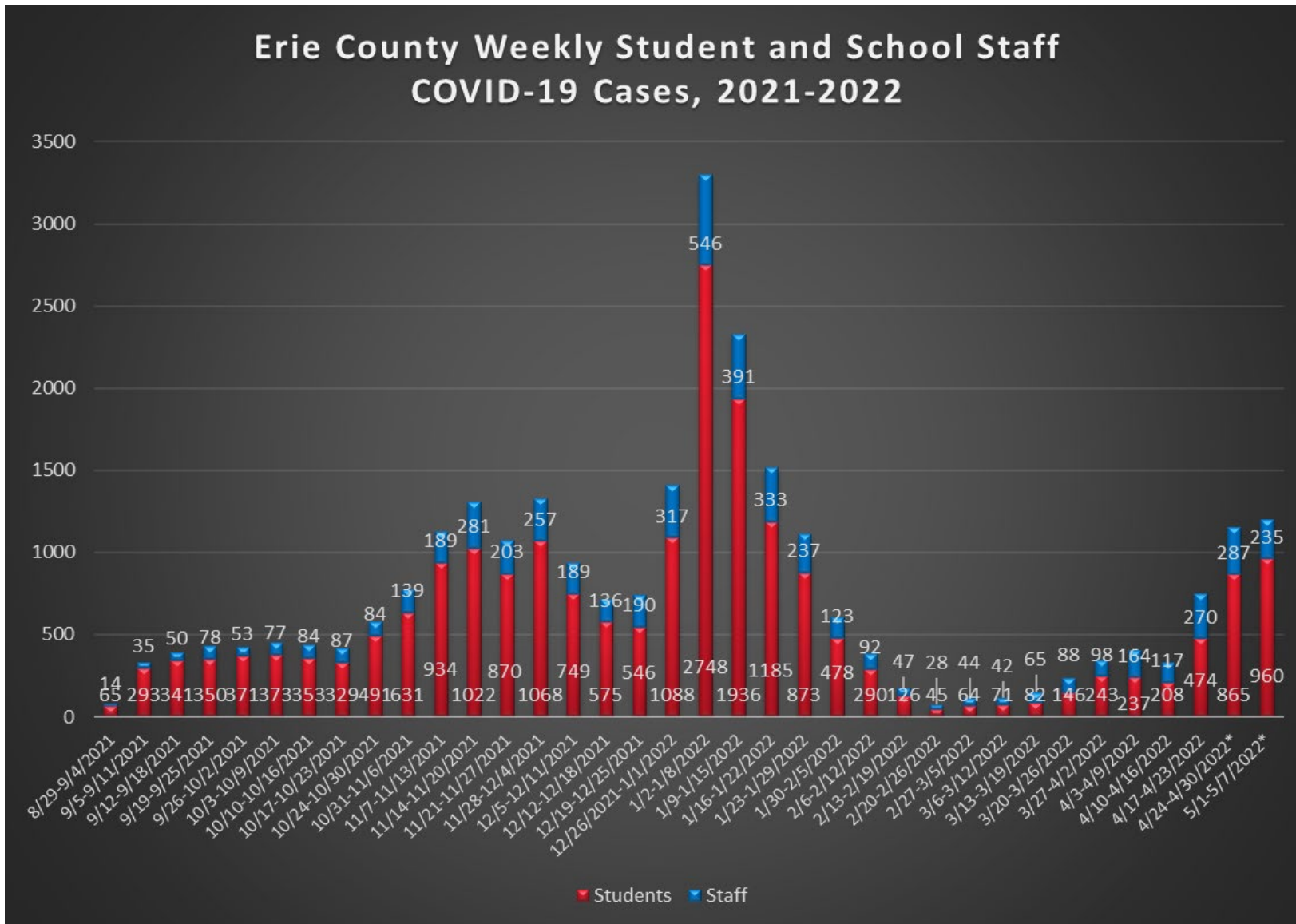
† Total Population Value for Erie County (954,236) from 2020 U.S. Census Bureau used to calculate 'All Erie County' daily and 7-day case rates

Highlighted = 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.

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Figure 4a

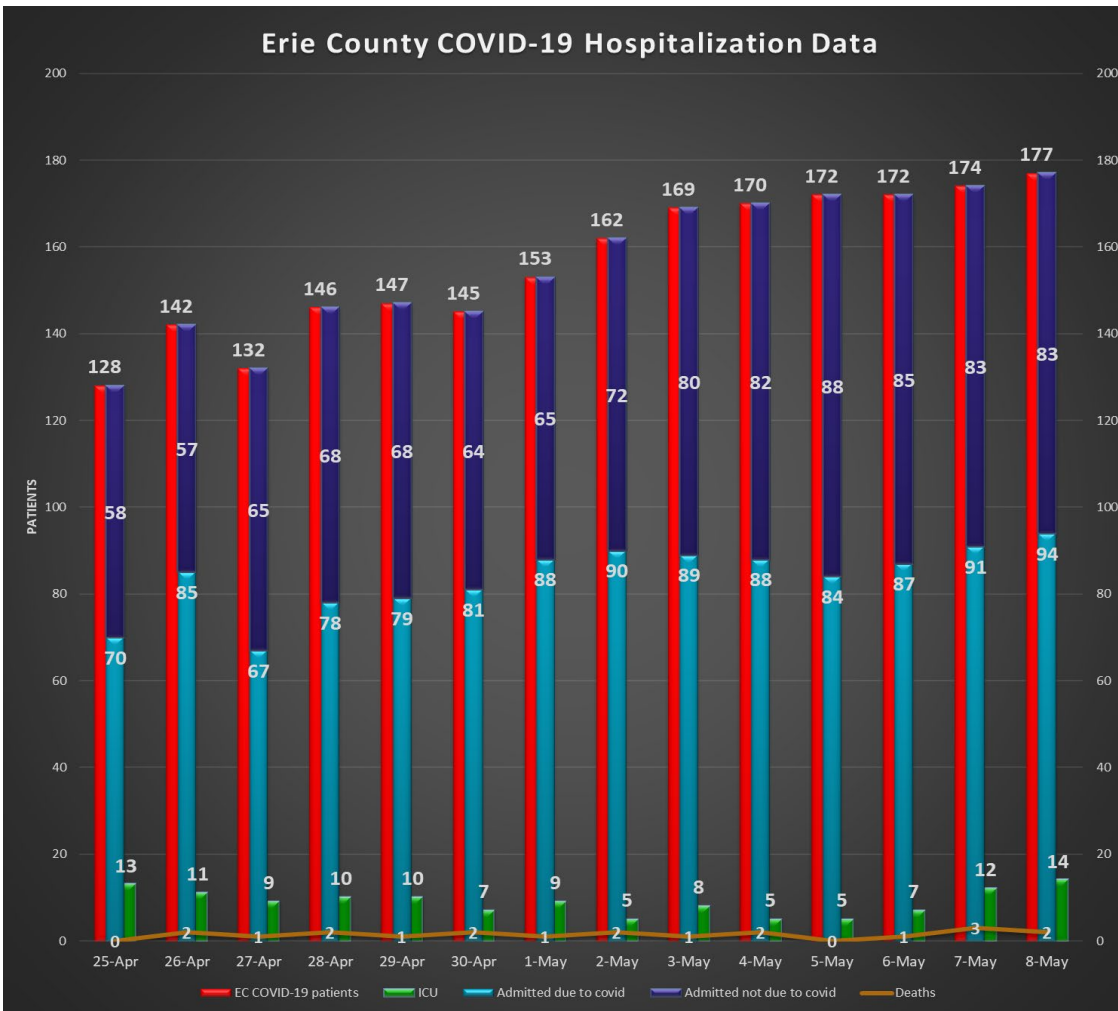
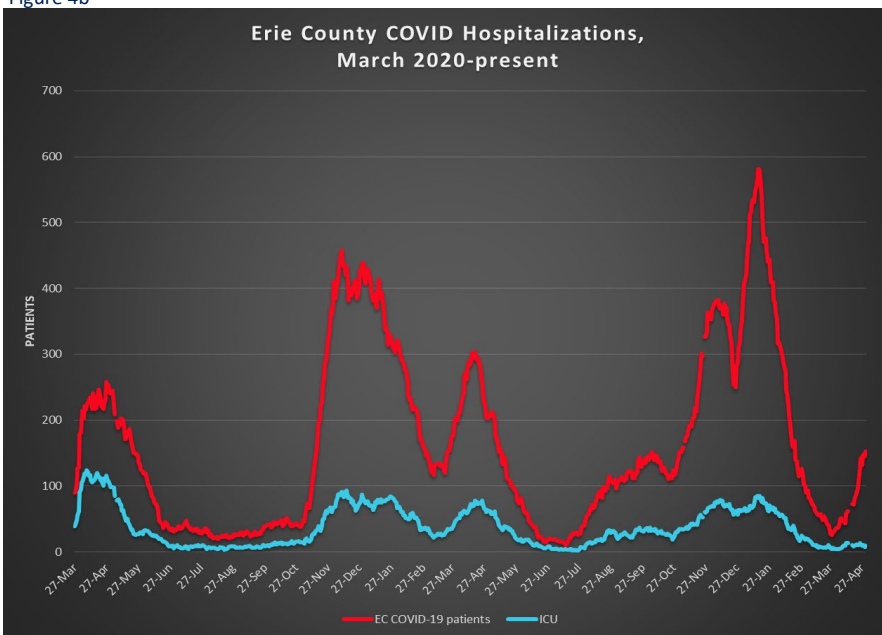


Figure 4b



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 (Data through May 9, 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%	29.5%	35.3%	89.7%	41.6%
14061	Farnham	9.8%	21.0%	47.1%	100.0%	43.5%
14070	Gowanda	30.0%	30.7%	46.3%	76.4%	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%	55.5%	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	29.4%	59.1%	61.4%	96.3%	68.8%
14210	Buffalo	36.5%	56.3%	74.2%	85.1%	69.7%
14206	Buffalo	37.9%	62.8%	74.4%	79.2%	72.2%
14208	Buffalo	33.6%	60.7%	85.3%	71.1%	73.1%
14001	Akron	37.2%	60.0%	66.7%	100.0%	73.3%
14222	Buffalo (Elmwood Village)	36.0%	60.3%	89.9%	80.4%	74.0%
14219	Blasdell	35.9%	60.4%	73.3%	97.4%	74.8%
14047	Derby	36.3%	66.2%	69.6%	100.0%	75.9%
14091	Lawtons	42.8%	43.8%	86.3%	90.1%	75.9%
14215	Buffalo	34.5%	63.8%	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	35.8%	72.0%	75.7%	89.4%	77.4%
14059	Elma	36.3%	69.2%	73.7%	89.5%	77.6%
14218	Lackawanna	30.0%	61.1%	79.8%	97.1%	78.2%
14211	Buffalo	41.6%	72.0%	79.2%	87.3%	78.4%
14102	Marilla	32.4%	54.6%	83.3%	95.5%	78.5%
14139	South Wales	34.3%	91.9%	68.4%	100.0%	79.6%
14207	Buffalo	39.4%	61.1%	93.7%	90.9%	80.2%
14057	Eden	43.3%	87.8%	70.7%	100.0%	80.5%
14216	Buffalo	45.7%	68.6%	84.0%	100.0%	80.9%
14043	Depew	41.3%	69.3%	81.7%	93.4%	81.4%
14209	Buffalo	32.9%	72.8%	82.9%	100.0%	82.1%
14225	Cheektowaga	43.1%	65.4%	91.3%	92.4%	83.1%
14220	Buffalo	41.5%	73.5%	83.7%	98.1%	83.3%
14052	East Aurora	59.9%	83.1%	76.2%	100.0%	83.6%
14214	Buffalo	41.9%	78.2%	86.5%	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%	74.1%	79.3%	100.0%	84.4%
14212	Buffalo	42.5%	81.6%	85.9%	85.3%	84.5%
14217	Kenmore	51.7%	88.0%	79.7%	91.5%	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	31.5%	84.8%	82.9%	98.5%	85.9%
14169	Wales Center	62.1%	n/a	78.9%	100.0%	86.0%
14032	Clarence Center	52.1%	100.0%	78.9%	100.0%	86.1%
14213	Buffalo	33.4%	79.8%	89.9%	93.3%	86.1%
14202	Buffalo	41.1%	68.9%	100.0%	100.0%	87.1%
14228	Amherst (Getzville)	53.1%	79.6%	90.9%	95.2%	87.3%
14075	Hamburg	50.6%	88.8%	80.7%	100.0%	87.5%
14072	Grand Island	50.0%	91.1%	82.8%	100.0%	88.4%
14051	East Amherst	61.8%	100.0%	82.1%	100.0%	88.9%
14226	Amherst (Snyder/Eggertsville)	52.3%	87.2%	87.8%	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/Clare	61.1%	100.0%	88.3%	96.4%	93.1%
14033	Colden	55.4%	100.0%	94.3%	95.9%	95.3%
14085	Lake View	57.0%	88.8%	99.9%	95.9%	96.6%
14068	Getzville	70.2%	100.0%	100.0%	92.7%	97.1%
14134	Sardinia	45.7%	100.0%	100.0%	100.0%	100.0%
14203	Buffalo	62.0%	100.0%	100.0%	100.0%	100.0%
Total		44.0%	74.7%	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-May 3, 2022)

Age Group	Jan	Feb	Mar	Apr	May	Total
<40	7	2	0	0	0	9
40 to 49	9	1	1	1	0	12
50 to 59	19	9	2	0	0	30
60 to 69	49	20	3	3	1	76
70 to 79	57	25	3	6	0	91
80+	90	40	10	10	2	152
Total # of Deaths	231	97	19	20	3	370
Ave. Death Age	74	76	78	78	-	75

2020 total deaths	1,276
2021 total deaths	1,120
2022 deaths to date	370
Total:	2,766

Table 6

Erie County COVID-19 Deaths by Residence

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	737	26.6%	29.2%
Erie County Excl. Buffalo	2,029	73.4%	70.8%
All of Erie County	2,766	100.0%	100.0%

*Population Source: Prepared from 2020 Census Bureau