



COVID-19 Data Update

Week ending May 14, 2022

All data are provisional.

4,738 new COVID-19 cases were recorded for the week ending May 14, 2022. This is a 5% decrease compared to the previous week's total (5,005 cases). These data do not include at-home tests. This is the first weekly case total decline since the week ending 3/12/2022. The weekly COVID-19 positivity rate was 20.2%, similar to the previous week's COVID-19 positivity rate of 20.1%.

Overall COVID-19 diagnostic tests totaled 23,414, down from the previous week's total of 24,951 tests.

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

28 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 298 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. Updated age categories by ZIP code were not available for this week's report. Demographic data: <https://coronavirus.health.ny.gov/demographic-vaccination-data>.

Erie County COVID-19 Mortality Data: Mortality data are updated through May 10, 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)

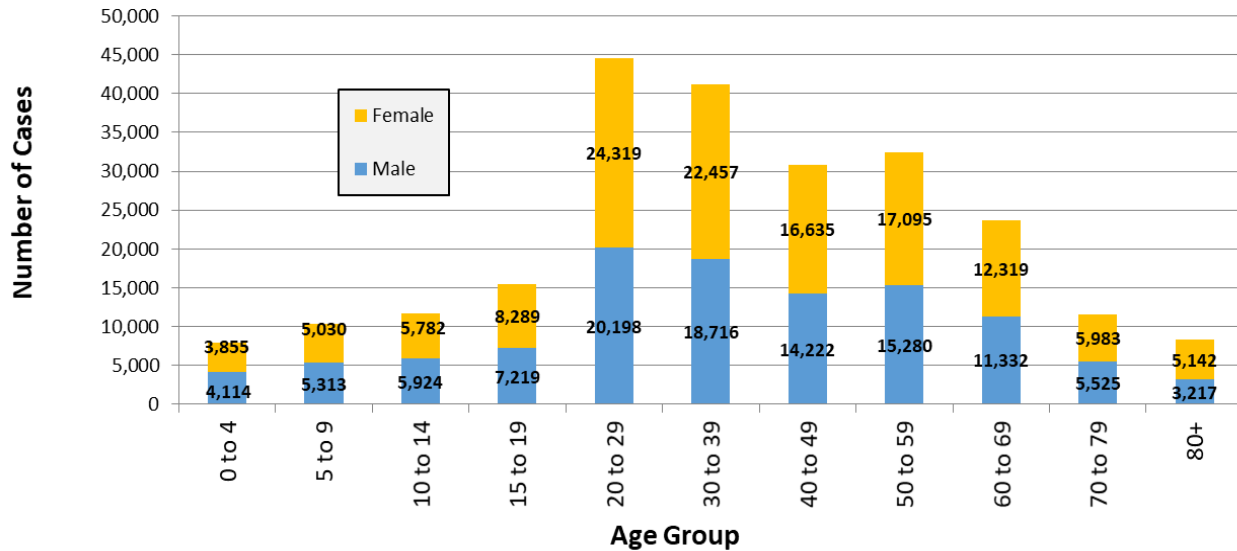


Figure 2

Confirmed COVID-19 Cases by Age Group (May 8-14, 2022)

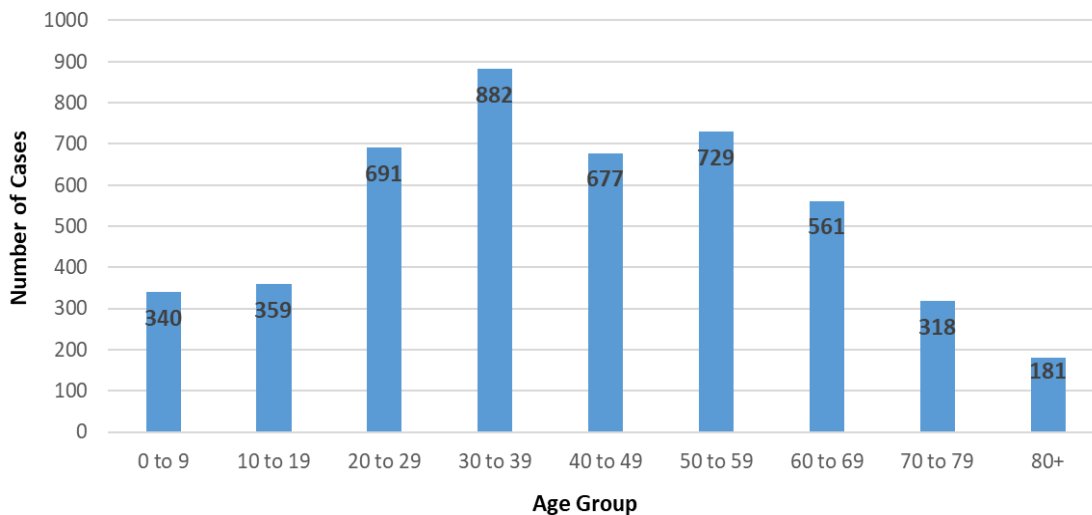


Table 1

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*
4/9/2022	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
5/14/2022	4,738	496.5

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	298	53,555	79.5	556.4
14215	Buffalo (East)	270	39,999	96.4	675.0
14075	Hamburg	225	41,937	76.6	536.5
14224	West Seneca	222	39,889	79.5	556.5
14150	Tonawanda	207	41,676	71.0	496.7
14225	Cheektowaga	203	33,385	86.9	608.1
14226	Amherst (Snyder/Eggertsville)	199	29,267	97.1	679.9
14086	Lancaster	171	31,847	76.7	536.9
14127	Orchard Park	157	29,961	74.9	524.0
14216	Buffalo (North)	134	22,431	85.3	597.4
14228	Amherst (Getzville)	133	20,857	91.1	637.7
14207	Buffalo (Black Rock/Riverside)	132	23,552	80.1	560.5
14217	Kenmore	129	23,480	78.5	549.4
14227	Cheektowaga	126	23,426	76.8	537.9
14213	Buffalo (West Side)	124	24,465	72.4	506.8
14223	Tonawanda	114	22,665	71.9	503.0
14211	Buffalo/Cheektowaga	113	22,611	71.4	499.8
14043	Depew	111	24,742	64.1	448.6
14051	Amherst (East)	110	19,533	80.4	563.1
14072	Grand Island	100	20,374	70.1	490.8
14206	Buffalo (Kaisertown)	99	20,751	68.2	477.1
14220	Buffalo (South)	94	24,227	55.4	388.0
14214	Buffalo (University)	88	19,775	63.6	445.0
14210	Buffalo (South)	70	14,694	68.1	476.4
14212	Buffalo (Broadway)/Sloan	68	10,641	91.3	639.0
14218	Lackawanna	65	19,039	48.8	341.4
14201	Buffalo (Downtown)	60	11,549	74.2	519.5
14208	Buffalo (east)	58	11,125	74.5	521.3
14052	Aurora	56	17,329	46.2	323.2
14004	Alden	50	12,704	56.2	393.6
14204	Buffalo (East)	46	8,691	75.6	529.3
14219	Blasdell	46	11,536	57.0	398.8
14031	Clarence	45	9,392	68.4	479.1
14001	Akron	43	9,464	64.9	454.4
14222	Buffalo (Elmwood Village)	43	14,046	43.7	306.1
14006	Angola	41	9,858	59.4	415.9
14141	Springville	41	7,728	75.8	530.5
14059	Elma	40	8,933	64.0	447.8
14068	Amherst (Getzville)	40	7,150	79.9	559.4
14085	Hamburg (Lake View)	40	7,353	77.7	544.0

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

14047	Derby	35	6,440	77.6	543.5
14209	Buffalo (Delaware)	31	7,926	55.9	391.1
14032	Clarence (North)	30	7,989	53.6	375.5
14057	Eden	30	8,116	52.8	369.6
14081	Irving	22	3,095	101.5	710.8
14202	Buffalo (Downtown)	20	3,911	73.1	511.4
14111	North Collins	17	3,352	72.5	507.2
14025	Boston	15	3,039	70.5	493.6
14203	Buffalo	15	1,618	132.4	927.1
14070	Gowanda	14	6,732	x	x
14034	Collins	13	2,742	x	x
14080	Holland	13	4,330	x	x
14170	West Falls	11	2,286	x	x
14091	Lawtons	9	1,079	x	x
14260-1426	Amherst (UB)	9	10,300	x	x
14033	Colden	8	2,219	x	x
14139	Wales	8	2,125	x	x
14055	East Concord	6	1,405	x	x
14102	Marilla	5	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[†]	4,738	954,236	70.9	496.5

**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

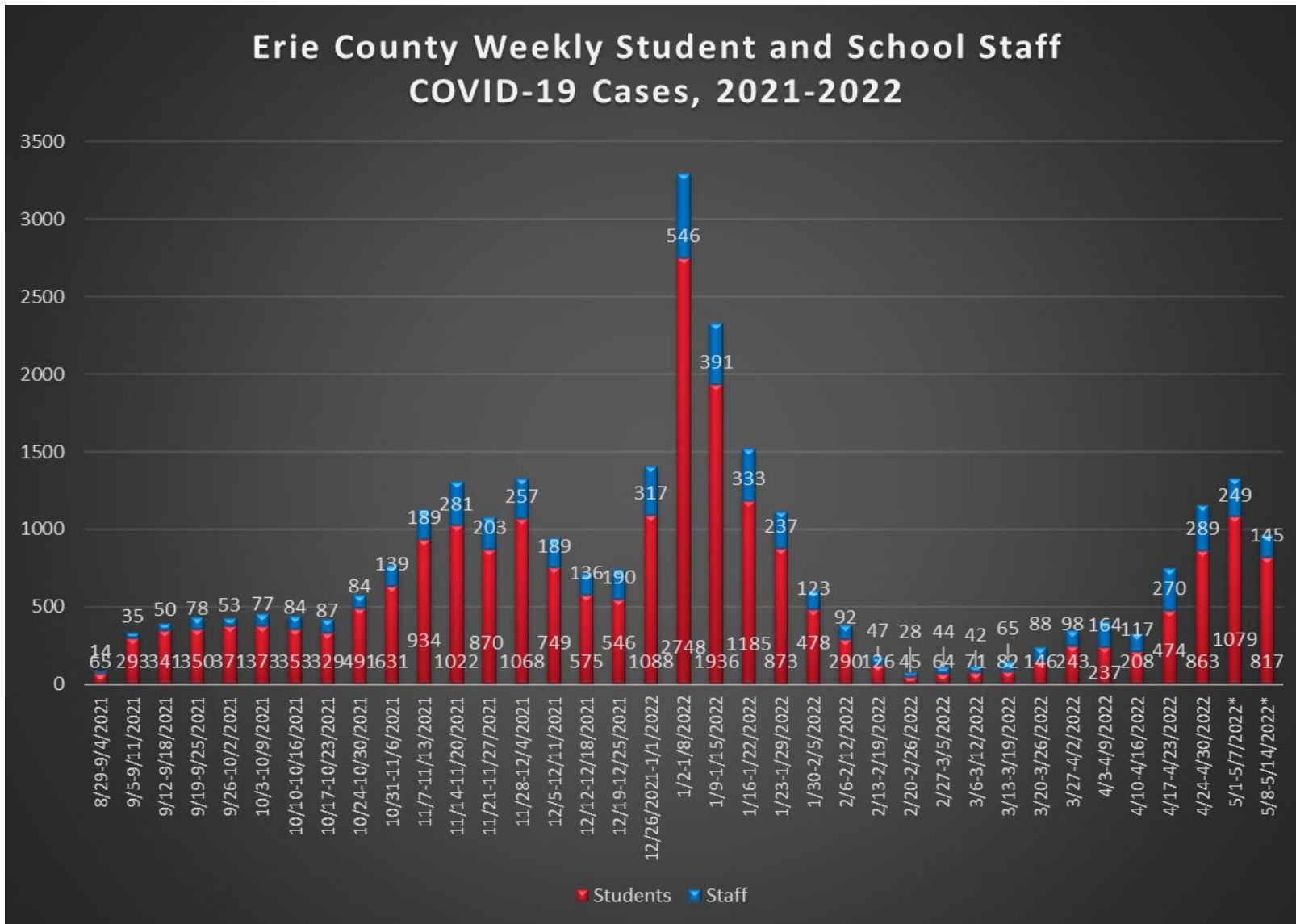
† Total Population Value for Erie County (954,236) from 2020 U.S. Census Bureau used to calculate 'All Erie County' daily and 7-day case rates

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

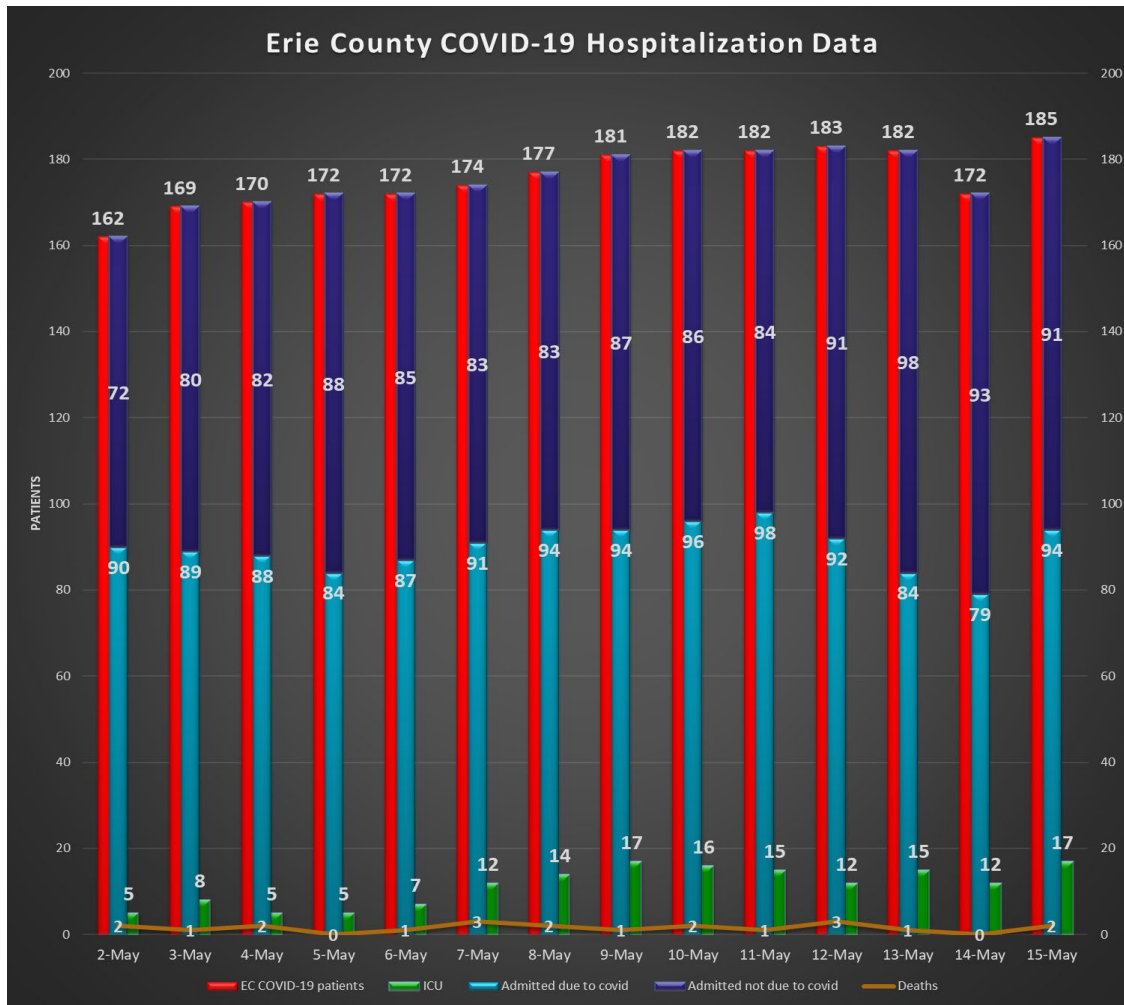
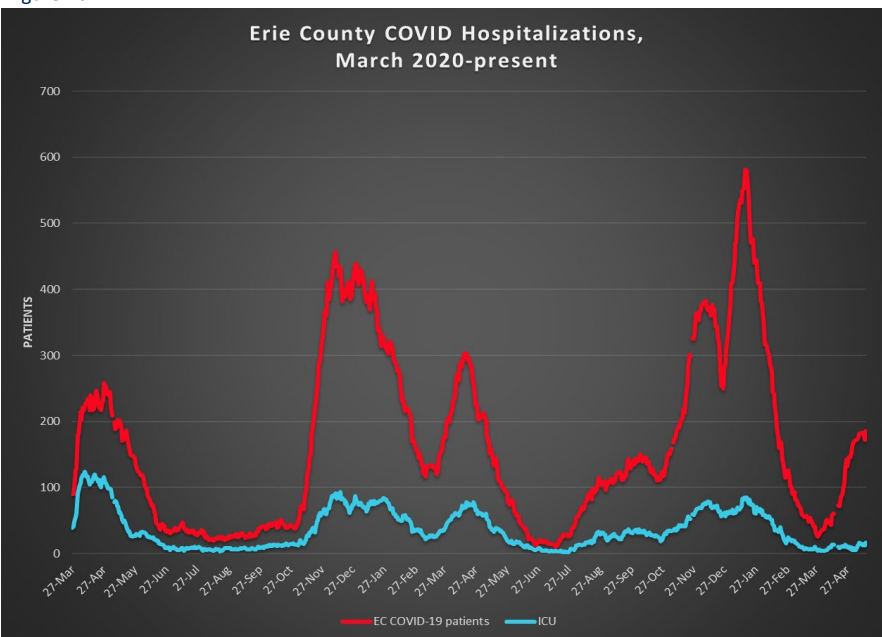


Figure 4b



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 not available from NYSDOH. Will update in a future week's report.

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 10, 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	3	95
80+	90	40	10	16	9	165
Total # of Deaths	231	97	19	28	15	390
Ave. Death Age	74	76	78	80	79	75

2020 total deaths	1,276
2021 total deaths	1,120
2022 deaths to date	390
Total:	2,786

Table 6

Erie County COVID-19 Deaths by Residence

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	741	26.6%	29.2%
Erie County Excl. Buffalo	2,045	73.4%	70.8%
All of Erie County	2,786	100.0%	100.0%

*Population Source: Prepared from 2020 Census Bureau