



**Erie County
Department of
Health**



Public Health
Prevent. Promote. Protect.

COVID-19 Data Update

Week ending October 8, 2022

All data are provisional.

1,558 new COVID-19 cases were recorded for the week ending October 8, 2022. This is a 3% increase from the previous week's total (1,517 cases). These data do not include at-home tests. The weekly COVID-19 positivity rate was 13.1%, a very slight increase from the previous week's rate of 12.9%. Overall reported COVID-19 diagnostic tests increased to 11,931 from 11,754 during the previous week.

7-day case rate per 100,000 persons was 163.3, a slight increase from the previous week's rate of 159. Erie County remains in a "medium" COVID-19 Community Level per CDC indicators. And, Erie County remains in "high" transmission per CDC community transmission metrics.

Buffalo city COVID-19 cases comprised 31.6% of new COVID-19 cases this past week. (Buffalo city population is 29.2% of all Erie County residents).

Erie County COVID-19 Wastewater Surveillance Data: See Figure 3. COVID-19 wastewater surveillance data through October 6, 2022 showed SARS-CoV-2 viral particles in the top 60-79% of samples collected since 12/1/21 within the Amherst, Big Sister Creek and City of Tonawanda sewersheds. Bird Island, Kenmore-Tonawanda and the Southtowns were in the 40-59% category. Lackawanna was in the 20-39% category. Sewersheds for Amherst, Big Sister Creek, Kenmore-Tonawanda and Southtowns sewersheds showed a 10-99% increase in the last two weeks; Bird Island and City of Tonawanda showed a 9-0% decrease; and, Lackawanna showed a 99-10% decrease. See <https://www.erie.gov/covid19-wastewater>

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 September 22, 2022 based on data available to ECDOH. More recent data will be reported when available. 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)

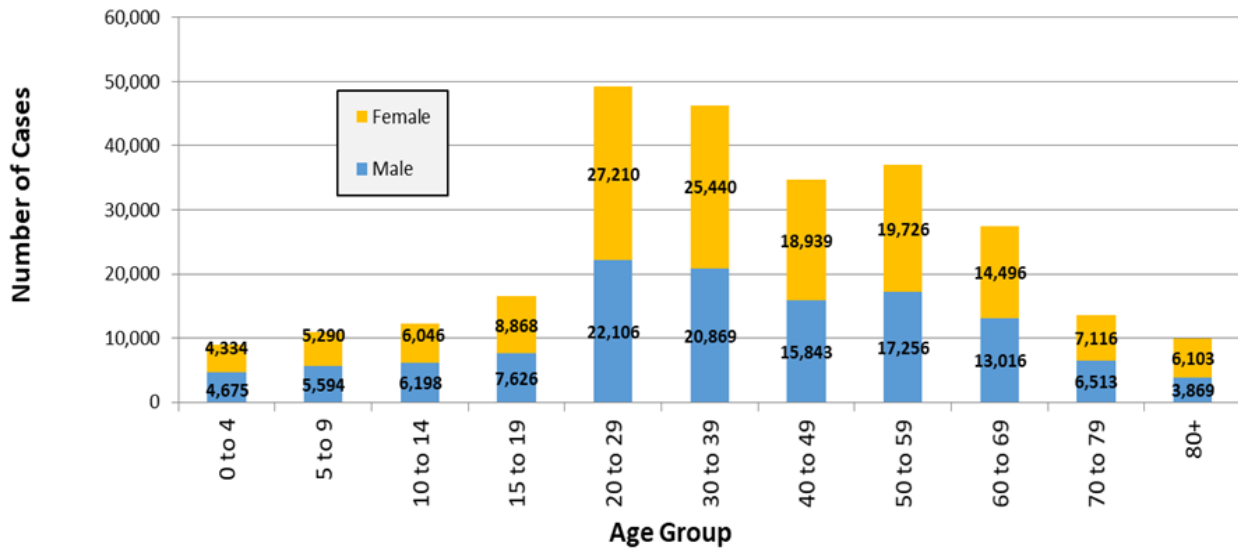


Figure 2

Confirmed COVID-19 Cases by Age Group (October 2-8, 2022)

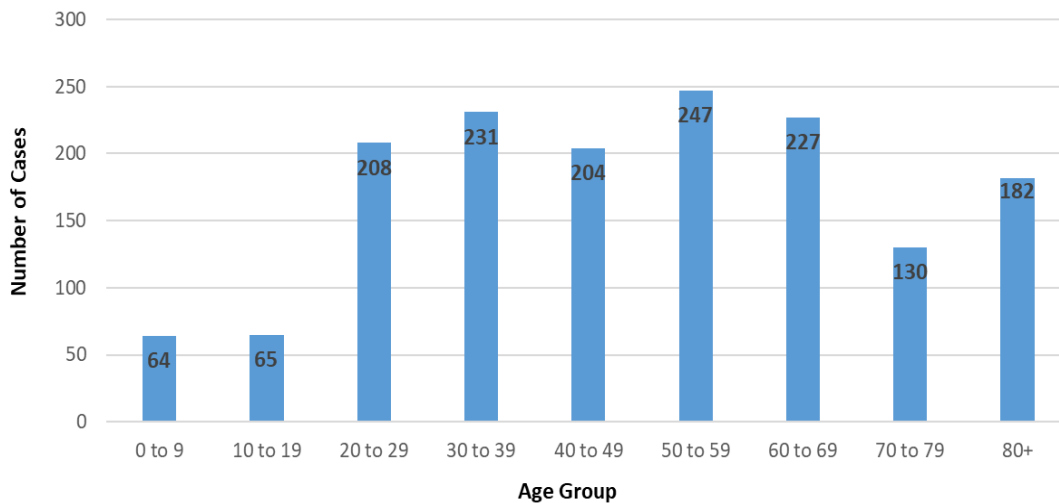


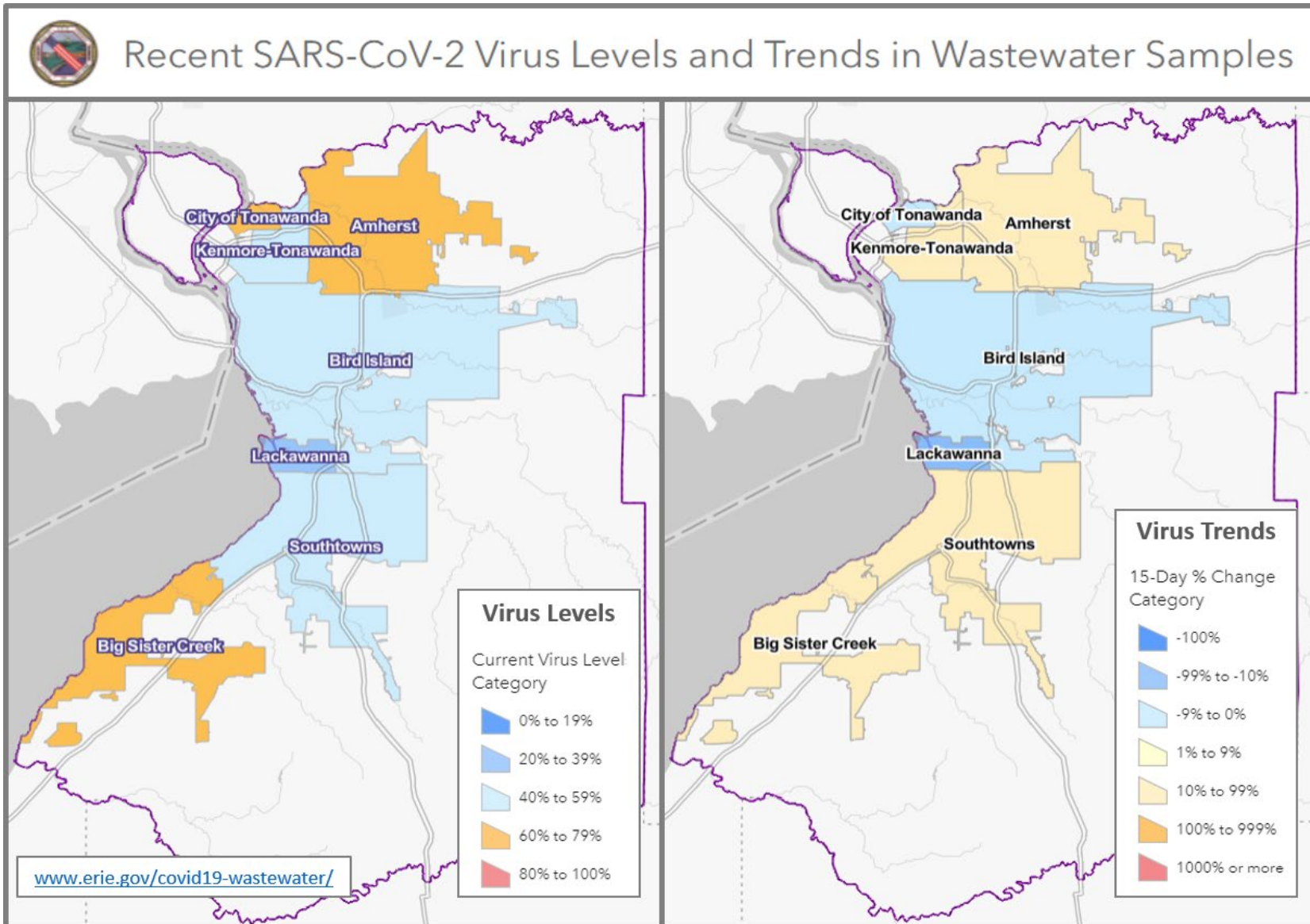
Table 1

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*
9/3/2022	1,316	137.9
9/10/2022	1,306	136.9
9/17/2022	1,569	164.4
9/24/2022	1,581	165.7
10/1/2022	1,517	159.0
10/8/2022	1,558	163.3

This metric shows trends over time.
*Population Source: 2020 U.S. Census Bureau

Figure 3: Erie County COVID-19 Wastewater Surveillance



Charts as of October 6, 2022

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
14075	Hamburg	87	41,937	29.6	207.5
14215	Buffalo (East)	83	39,999	29.6	207.5
14221	Amherst/Williamsville/Clarendon	78	53,555	20.8	145.6
14150	Tonawanda	66	41,676	22.6	158.4
14127	Orchard Park	64	29,961	30.5	213.6
14086	Lancaster	62	31,847	27.8	194.7
14224	West Seneca	57	39,889	20.4	142.9
14225	Cheektowaga	57	33,385	24.4	170.7
14220	Buffalo (South)	50	24,227	29.5	206.4
14226	Amherst (Snyder/Eggertsville)	50	29,267	24.4	170.8
14031	Clarence	43	9,392	65.4	457.8
14207	Buffalo (Black Rock/Riverside)	42	23,552	25.5	178.3
14223	Tonawanda	42	22,665	26.5	185.3
14043	Depew	40	24,742	23.1	161.7
14227	Cheektowaga	40	23,426	24.4	170.8
14206	Buffalo (Kaisertown)	39	20,751	26.8	187.9
14210	Buffalo (South)	39	14,694	37.9	265.4
14216	Buffalo (North)	39	22,431	24.8	173.9
14218	Lackawanna	39	19,039	29.3	204.8
14217	Kenmore	38	23,480	23.1	161.8
14072	Grand Island	33	20,374	23.1	162.0
14211	Buffalo/Cheektowaga	29	22,611	18.3	128.3
14214	Buffalo (University)	28	19,775	20.2	141.6
14213	Buffalo (West Side)	26	24,465	15.2	106.3
14052	Aurora	24	17,329	19.8	138.5
14059	Elma	23	8,933	36.8	257.5
14219	Blasdell	23	11,536	28.5	199.4
14228	Amherst (Getzville)	23	20,857	15.8	110.3
14212	Buffalo (Broadway)/Sloan	22	10,641	29.5	206.7
14051	Amherst (East)	21	19,533	15.4	107.5
14004	Alden	19	12,704	21.4	149.6
14068	Amherst (Getzville)	19	7,150	38.0	265.7
14209	Buffalo (Delaware)	17	7,926	30.6	214.5
14208	Buffalo (east)	15	11,125	19.3	134.8
14047	Derby	14	6,440	x	x
14204	Buffalo (East)	13	8,691	x	x
14222	Buffalo (Elmwood Village)	13	14,046	x	x
14032	Clarence (North)	12	7,989	x	x
14201	Buffalo (Downtown)	12	11,549	x	x
14001	Akron	11	9,464	x	x

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

14057	Eden	11	8,116	x	x
14085	Hamburg (Lake View)	10	7,353	x	x
14202	Buffalo (Downtown)	9	3,911	x	x
14006	Angola	8	9,858	x	x
14080	Holland	8	4,330	x	x
14203	Buffalo	8	1,618	x	x
14034	Collins	6	2,742	x	x
14141	Springville	6	7,728	x	x
14081	Irving	5	3,095	x	x
14025	Boston	*	3,039	x	x
14026	Bowmansville	*	674	x	x
14030	Chaffee	*	1,807	x	x
14033	Colden	*	2,219	x	x
14055	East Concord	*	1,405	x	x
14069	Glenwood	*	844	x	x
14070	Gowanda	*	6,732	x	x
14091	Lawtons	*	1,079	x	x
14102	Marilla	*	1,281	x	x
14111	North Collins	*	3,352	x	x
14139	Wales	*	2,125	x	x
14170	West Falls	*	2,286	x	x
14231	Buffalo	*	n/a	x	x
14260-1426	Amherst (UB)	*	10,300	x	x
	All Erie County[†]	1,558	954,236	23.3	163.3

***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*

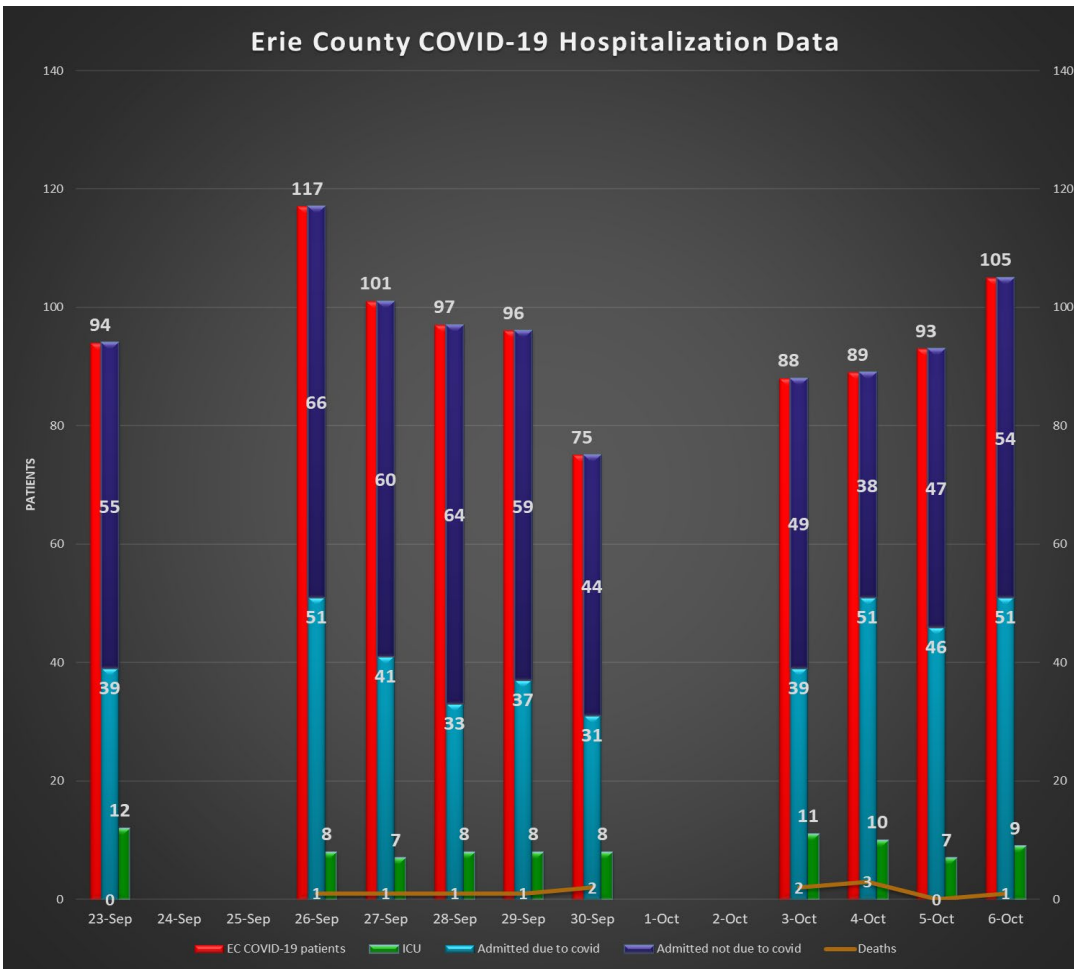
² *Calculated by dividing total cases in the past 7 days by the zip code population, and multiplying by 100,000*

[†] *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*

The New York State Department of Health maintains a COVID-19 data dashboard with county-level reporting.

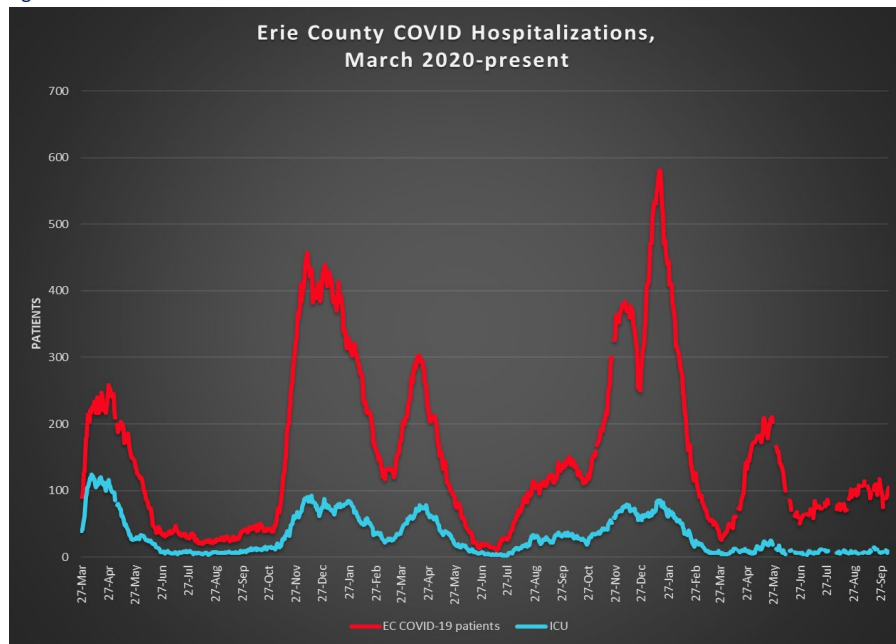
<https://coronavirus.health.ny.gov/covid-19-data-new-york>

Figure 4a



Most recent available data from NYSDOH included.

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 through October 10, 2022

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	46.7%	40.0%
14034	Collins	42.4%	30.0%	35.5%	89.4%	41.9%
14061	Farnham	9.8%	20.0%	48.4%	100.0%	43.8%
14070	Gowanda	32.0%	31.5%	46.5%	74.9%	48.1%
14035	Collins Center	7.8%	100.0%	39.5%	100.0%	51.9%
14030	Chaffee	20.0%	54.8%	53.5%	80.7%	59.9%
14170	West Falls	32.3%	74.9%	48.9%	100.0%	60.9%
14111	North Collins	32.4%	56.7%	60.8%	100.0%	65.9%
14004	Alden	29.7%	54.1%	63.4%	85.1%	66.7%
14025	Boston	37.8%	87.0%	63.0%	68.8%	68.4%
14055	East Concord	33.1%	67.9%	58.9%	100.0%	68.5%
14080	Holland	31.4%	59.4%	61.5%	95.9%	68.9%
14210	Buffalo	38.8%	57.9%	75.1%	83.8%	70.5%
14206	Buffalo	42.7%	64.3%	75.2%	78.6%	72.9%
14001	Akron	39.0%	61.3%	67.0%	100.0%	73.7%
14208	Buffalo	37.3%	62.1%	86.4%	70.5%	73.9%
14222	Buffalo (Elmwood Village)	40.8%	61.0%	90.3%	80.8%	74.5%
14219	Blasdell	38.9%	61.0%	74.0%	97.0%	75.2%
14091	Lawtons	44.3%	45.2%	86.3%	89.6%	76.2%
14047	Derby	38.9%	67.1%	69.9%	100.0%	76.3%
14102	Marilla	33.7%	53.0%	81.8%	94.6%	77.2%
14006	Angola	35.6%	67.5%	75.8%	86.4%	77.3%
14141	Springville	33.3%	72.0%	70.6%	97.2%	77.7%
14059	Elma	38.8%	70.0%	74.5%	88.8%	78.0%
14215	Buffalo	38.3%	66.6%	79.3%	100.0%	78.1%
14204	Buffalo	39.0%	75.7%	76.7%	88.9%	78.8%
14069	Glenwood	37.2%	87.8%	70.5%	92.0%	79.0%
14218	Lackawanna	32.1%	62.4%	80.4%	98.2%	79.0%
14139	South Wales	36.6%	94.4%	69.0%	100.0%	80.3%
14211	Buffalo	46.8%	76.3%	80.6%	87.6%	80.4%
14057	Eden	46.2%	88.1%	71.2%	100.0%	80.8%
14207	Buffalo	43.8%	62.9%	94.7%	90.3%	81.3%
14216	Buffalo	51.4%	69.7%	84.5%	100.0%	81.6%
14043	Depew	44.5%	70.1%	81.8%	93.6%	81.7%
14209	Buffalo	37.7%	74.9%	84.6%	100.0%	83.6%
14220	Buffalo	44.9%	74.2%	84.1%	98.0%	83.6%
14225	Cheektowaga	47.8%	66.7%	91.7%	92.2%	83.7%
14052	East Aurora	65.5%	84.4%	76.8%	100.0%	84.1%

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

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

14150	Tonawanda	48.0%	77.4%	83.1%	94.4%	84.6%
14214	Buffalo	47.0%	79.0%	86.9%	94.2%	84.7%
14031	Clarence	53.6%	74.9%	80.0%	100.0%	84.9%
14169	Wales Center	62.1%	n/a	77.2%	100.0%	84.9%
14224	West Seneca	51.1%	79.0%	80.1%	100.0%	85.2%
14217	Kenmore	57.5%	88.6%	80.2%	93.5%	85.5%
14212	Buffalo	47.0%	84.0%	87.0%	85.6%	85.9%
14227	Cheektowaga	57.6%	74.5%	82.7%	100.0%	85.9%
14032	Clarence Center	55.2%	100.0%	79.4%	100.0%	86.4%
14201	Buffalo	35.7%	86.0%	83.3%	97.9%	86.5%
14213	Buffalo	37.9%	81.8%	90.5%	93.2%	87.2%
14075	Hamburg	54.8%	89.2%	81.0%	100.0%	87.7%
14228	Amherst (Getzville)	58.1%	80.3%	91.8%	95.0%	87.9%
14202	Buffalo	46.2%	72.0%	100.0%	100.0%	88.4%
14072	Grand Island	54.5%	92.0%	83.1%	100.0%	88.8%
14051	East Amherst	67.4%	100.0%	82.2%	100.0%	89.0%
14226	Amherst (Snyder/Eggertsville)	57.7%	88.1%	88.0%	100.0%	90.6%
14223	Tonawanda	50.2%	86.8%	88.3%	100.0%	90.7%
14127	Orchard Park	61.2%	100.0%	84.3%	100.0%	91.4%
14086	Lancaster	57.0%	93.6%	87.8%	100.0%	91.7%
14026	Bowmansville	100.0%	100.0%	88.3%	100.0%	92.8%
14221	Amherst/Williamsville/Clarence	66.8%	100.0%	88.9%	97.5%	93.7%
14033	Colden	58.8%	100.0%	94.5%	97.2%	95.8%
14085	Lake View	60.6%	90.3%	99.9%	95.4%	96.8%
14068	Getzville	75.9%	100.0%	100.0%	93.7%	97.5%
14134	Sardinia	48.6%	100.0%	100.0%	100.0%	100.0%
14203	Buffalo	74.9%	100.0%	100.0%	100.0%	100.0%
Total		48.1%	75.8%	82.0%	95.5%	83.4%

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<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-September 22, 2022)

Age Group	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Total
<40	7	2	0	0	1	1	0	2	0	13
40 to 49	9	1	1	1	1	0	1	0	0	14
50 to 59	19	9	2	0	1	1	0	1	4	37
60 to 69	49	20	3	4	7	7	2	2	3	97
70 to 79	57	25	3	7	17	5	7	8	1	130
80+	90	40	10	17	37	12	10	11	9	236
Total # of Deaths	231	97	19	29	64	26	20	24	17	527
Ave. Death Age	74	76	78	80	81	77	79	76	77	76

2020 total deaths	1,276
2021 total deaths	1,120
2022 deaths to date	527
Total:	2,923

Table 6

Erie County COVID-19 Deaths by Residence

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	769	26.3%	29.2%
Erie County Excl. Buffalo	2,154	73.7%	70.8%
All of Erie County	2,923	100.0%	100.0%

*Population Source: Prepared from 2020 Census Bureau

Most recent data provided.