COVID-19 Data Update
Week ending February 5, 2022
All data are provisional.

Erie County COVID-19 Case Data Update

2,958 new COVID-19 cases were recorded for the week ending Feb. 5. This is a 49% decline compared to the previous week (5,761) – the fourth consecutive week of decline, and the lowest weekly COVID-19 case total since early November 2021.

The weekly COVID-19 positivity rate was 8.9%, down from 13.8% the previous week.

Overall COVID-19 diagnostic tests totaled 33,135, down from 41,749 the previous week. This is the lowest number of COVID-19 tests reported in one week since late August 2021.

7-day case rate per 100,000 persons was 310, down from 604 the previous week.

Erie County continues to be categorized by CDC as being in "high" transmission.

Buffalo City COVID-19 cases comprised ~33% of new COVID-19 cases this past week (Buffalo City population is 29.2% of all Erie County residents).

Highest 7-day COVID-19 case rates per 100,000 persons were experienced in these ZIP codes: 14139, 14081, 14034, 14006 and 14059. The 14221 ZIP code had the highest total number of new COVID-19 cases (182). See Table 2.

The 30-39-year-old age group had the most COVID-19 cases, with 540 cases. This age group also had the highest 7-day case rate per 100,000 persons, at 533.

The highest COVID-19 positivity rates were in age groups under 18 years old. For this cohort, the positivity rate was 12.2%. Total COVID-19 cases in children under age 18 declined by 53% from the previous week.

Erie County COVID-19 Hospitalization Data: NYSDOH publishes updated hospitalization data by region: https://coronavirus.health.ny.gov/daily-hospitalization-summary. See Figures 4a and 4b.

Erie County COVID-19 Vaccination Data: NYSDOH updates vaccine data daily. Demographic data: https://coronavirus.health.ny.gov/demographic-vaccination-data. See Section 2.

Erie County COVID-19 Mortality Data: Mortality data are updated through February 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

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Confirmed COVID-19 Cases by Age Group and Gender (March 2020 - February 5, 2022)
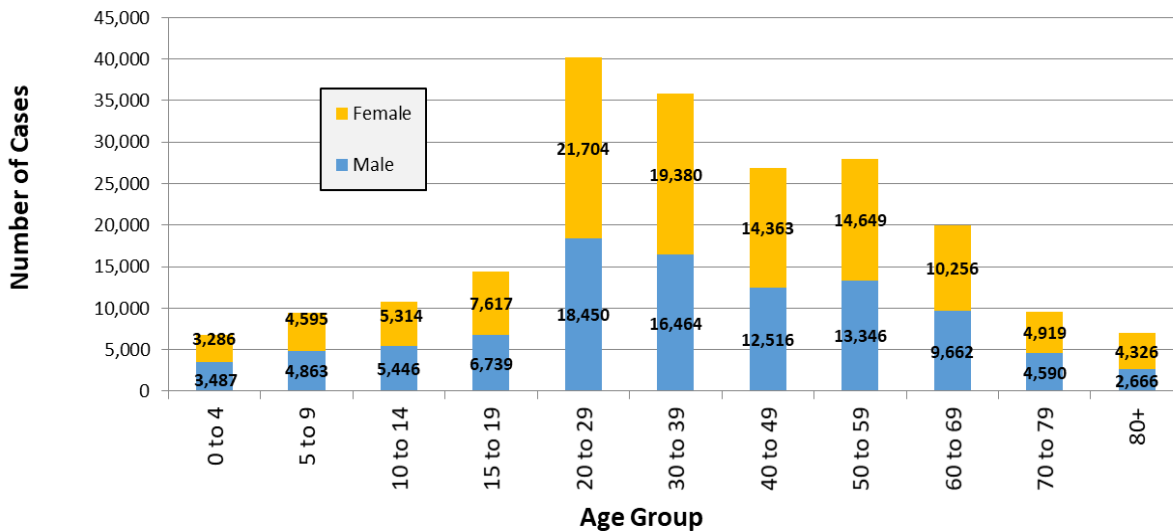
Figure 2

Confirmed COVID-19 Cases by Age Group (January 30-February 5, 2022)
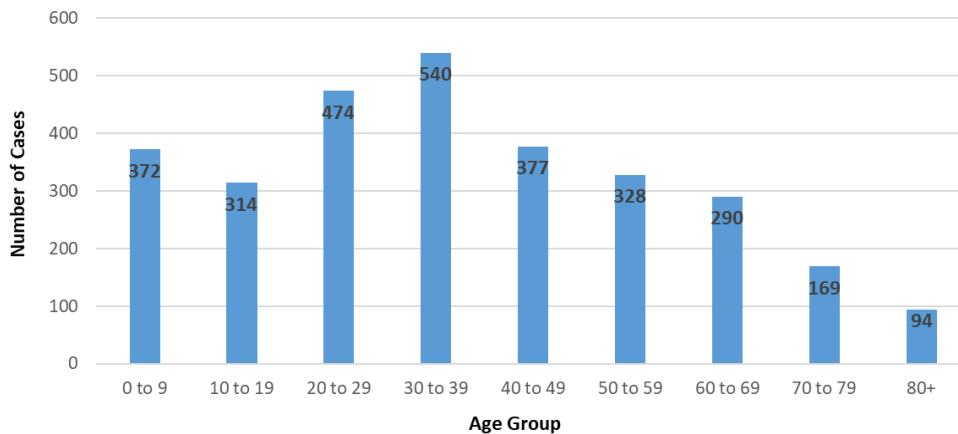
Table 1

New Cases in the Past Seven Days

Week Ending	New Cases in Past 7 Days	Total New Cases in the Past Seven Days per 100,000 Persons*
1/1/2022	13,460	1410.6
1/8/2022	19,300	2022.6
1/15/2022	16,126	1689.9
1/22/2022	8,450	885.5
1/29/2022	5,761	603.7
2/5/2022	2,958	310.0

This metric shows trends over time. 100+ new cases in the past seven days per 100,000 persons indicates "high" COVID-19 transmission per CDC.

*Population Source: 2020 U.S. Census Bureau

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Table 2
Confirmed 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/Clarence	182	53,555	48.5	339.8
14224	West Seneca	151	39,889	54.1	378.6
14150	Tonawanda	131	41,676	44.9	314.3
14075	Hamburg	127	41,937	43.3	302.8
14225	Cheektowaga	124	33,385	53.1	371.4
14086	Lancaster	123	31,847	55.2	386.2
14215	Buffalo (East)	106	39,999	37.9	265.0
14043	Depew	95	24,742	54.9	384.0
14226	Amherst (Snyder/Eggertsville)	94	29,267	45.9	321.2
14127	Orchard Park	81	29,961	38.6	270.4
14072	Grand Island	80	20,374	56.1	392.7
14218	Lackawanna	77	19,039	57.8	404.4
14217	Kenmore	73	23,480	44.4	310.9
14223	Tonawanda	73	22,665	46.0	322.1
14220	Buffalo (South)	71	24,227	41.9	293.1
14227	Cheektowaga	67	23,426	40.9	286.0
14211	Buffalo/Cheektowaga	65	22,611	41.1	287.5
14206	Buffalo (Kaisertown)	64	20,751	44.1	308.4
14228	Amherst (Getzville)	64	20,857	43.8	306.9
14052	Aurora	60	17,329	49.5	346.2
14219	Blasdell	55	11,536	68.1	476.8
14006	Angola	53	9,858	76.8	537.6
14216	Buffalo (North)	53	22,431	33.8	236.3
14051	Amherst (East)	51	19,533	37.3	261.1
14207	Buffalo (Black Rock/Riverside)	51	23,552	30.9	216.5
14214	Buffalo (University)	50	19,775	36.1	252.8
14213	Buffalo (West Side)	45	24,465	26.3	183.9
14059	Elma	44	8,933	70.4	492.6
14212	Buffalo (Broadway)/Sloan	44	10,641	59.1	413.5
14201	Buffalo (Downtown)	42	11,549	52.0	363.7
14222	Buffalo (Elmwood Village)	41	14,046	41.7	291.9
14031	Clarence	40	9,392	60.8	425.9
14004	Alden	38	12,704	42.7	299.1
14141	Springville	33	7,728	61.0	427.0
14085	Hamburg (Lake View)	32	7,353	62.2	435.2
14001	Akron	24	9,464	36.2	253.6
14210	Buffalo (South)	23	14,694	22.4	156.5
14209	Buffalo (Delaware)	22	7,926	39.7	277.6
14057	Eden	21	8,116	37.0	258.7
14032	Clarence (North)	20	7,989	35.8	250.3
14081	Irving	20	3,095	92.3	646.2

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

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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]
14204	Buffalo (East)	20	8,691	32.9	230.1
14208	Buffalo (east)	20	11,125	25.7	179.8
14070	Gowanda	17	6,732	36.1	252.5
14139	Wales	17	2,125	114.3	800.0
14034	Collins	16	2,742	83.4	583.5
14047	Derby	16	6,440	35.5	248.4
14026	Bowmansville	14	674	x	x
14068	Amherst (Getzville)	14	7,150	x	x
14203	Buffalo	14	1,618	x	x
14111	North Collins	13	3,352	x	x
14202	Buffalo (Downtown)	13	3,911	x	x
14033	Colden	12	2,219	*	*
14055	East Concord	10	1,405	x	x
14170	West Falls	10	2,286	*	*
14030	Chaffee	7	1,807	x	x
14080	Holland	7	4,330	x	x
14025	Boston	6	3,039	x	x
14069	Glenwood	*	844	x	x
14091	Lawtons	*	1,079	x	x
14102	Marilla	*	1,281	x	x
14231	Buffalo	*	n/a	x	x
14260-142	Amherst (UB)	*	10,300	x	x
	All Erie County†	2,958	954,236	44.3	310.0

**Population Source: ZIP code data from U.S. Census Bureau, DP-1, General Population & Housing Characteristics

ZCTAs are an approximation of mailing ZIP codes

Highlighted: 7-day case rates = 300+

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

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Figure 3: Erie County Weekly Student and School Staff COVID-19 Cases

Erie County Weekly Student and School Staff COVID-19 Cases, 2021-2022

Figure 4a

Erie County COVID-19 Hospitalization Data

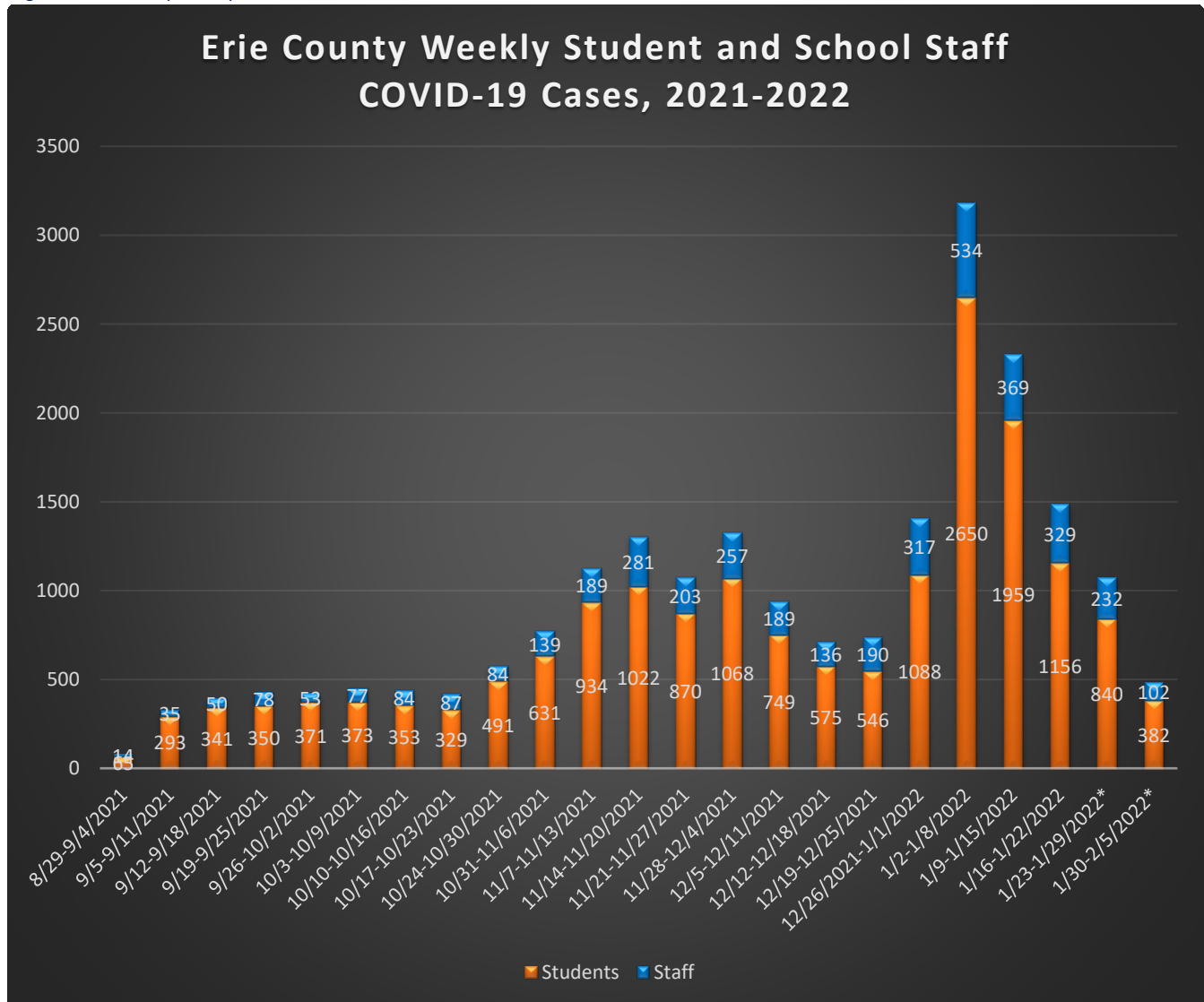

Figure 4b
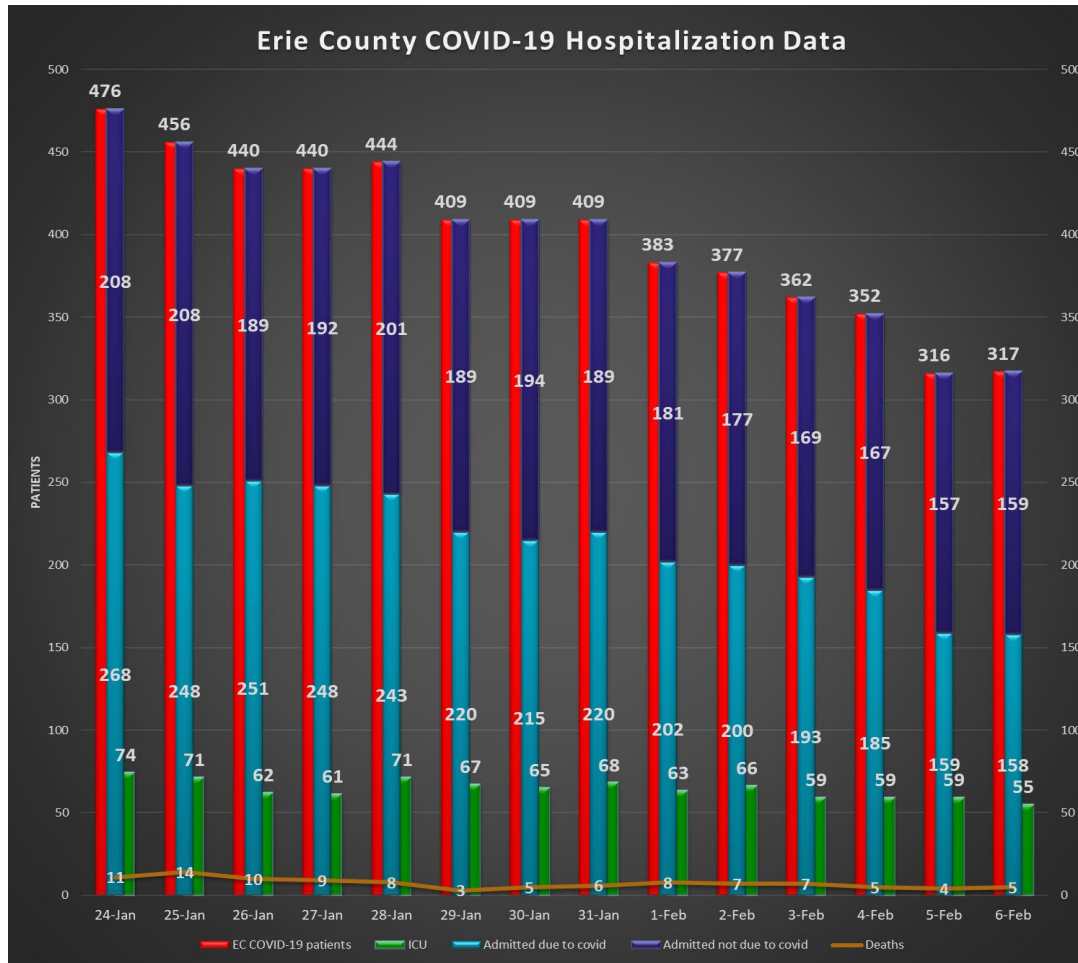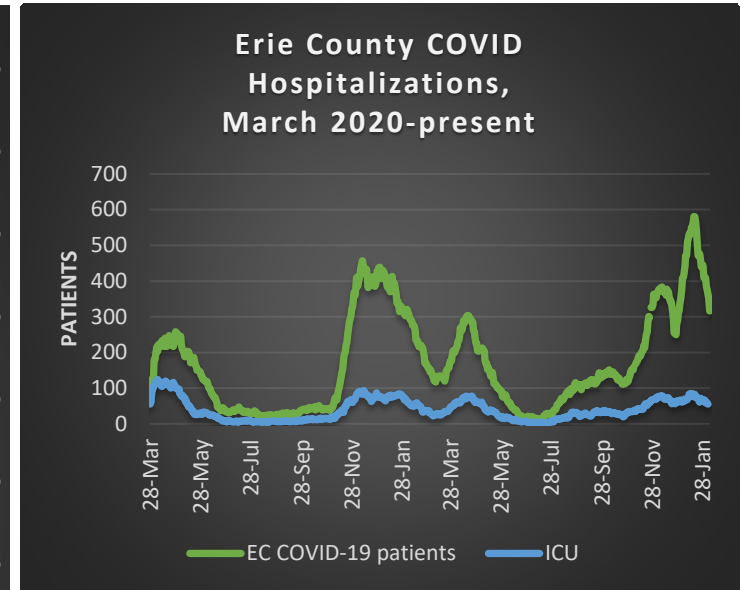
Erie County COVID Hospitalizations, March 2020-present

Data provided by Erie County hospitals and NYSDOH. Patients may include residents from outside Erie County.

Table 3

Erie County COVID-19 Vaccination Rates by Age and Zip Code (Data through February 7, 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	38.5%	28.8%	34.8%	89.1%	41.1%
14061	Farnham	7.6%	20.0%	47.7%	100.0%	43.5%
14070	Gowanda	28.3%	30.3%	45.9%	75.8%	47.6%
14035	Collins Center	5.9%	100.0%	37.2%	100.0%	50.0%
14030	Chaffee	20.0%	51.5%	52.1%	82.0%	58.8%
14170	West Falls	29.2%	74.9%	48.6%	100.0%	60.7%
14111	North Collins	29.6%	54.8%	61.1%	100.0%	65.6%
14004	Alden	27.7%	53.0%	62.5%	84.2%	65.7%
14055	East Concord	30.0%	63.7%	58.2%	100.0%	67.3%
14025	Boston	33.0%	83.7%	63.3%	69.5%	68.2%
14080	Holland	29.0%	57.9%	61.5%	95.9%	68.5%
14210	Buffalo	33.9%	55.5%	73.7%	84.8%	69.2%
14206	Buffalo	34.5%	61.0%	73.8%	79.2%	71.3%
14208	Buffalo	30.8%	57.7%	84.1%	70.7%	71.5%
14001	Akron	36.2%	59.8%	66.4%	100.0%	73.0%
14222	Buffalo (Elmwood Village)	34.4%	58.9%	89.6%	80.1%	73.2%
14219	Blasdell	34.9%	59.9%	72.9%	97.0%	74.3%
14215	Buffalo	31.0%	60.6%	76.7%	100.0%	74.7%
14047	Derby	35.6%	65.5%	69.0%	100.0%	75.4%
14091	Lawtons	42.2%	43.4%	86.5%	89.6%	75.8%
14204	Buffalo	30.7%	70.0%	74.4%	89.0%	76.0%
14211	Buffalo	37.9%	68.2%	77.9%	86.1%	76.3%
14006	Angola	32.5%	66.7%	74.6%	86.0%	76.3%
14069	Glenwood	35.2%	82.7%	68.6%	89.2%	76.4%
14141	Springville	31.7%	71.1%	70.1%	96.2%	77.0%
14218	Lackawanna	28.0%	59.7%	78.8%	96.3%	77.1%
14059	Elma	35.2%	68.5%	73.5%	88.8%	77.2%
14102	Marilla	31.7%	54.6%	82.6%	95.5%	78.2%
14207	Buffalo	35.6%	58.7%	92.1%	89.9%	78.3%
14139	South Wales	33.7%	90.6%	68.0%	100.0%	79.2%
14057	Eden	42.4%	87.1%	70.2%	100.0%	80.0%
14216	Buffalo	43.6%	67.9%	83.2%	100.0%	80.3%
14043	Depew	40.0%	68.3%	81.2%	93.4%	80.9%
14209	Buffalo	30.4%	71.8%	82.0%	100.0%	81.3%
14220	Buffalo	40.0%	71.9%	82.9%	98.0%	82.4%
14225	Cheektowaga	40.6%	64.3%	90.5%	92.2%	82.4%
14212	Buffalo	37.2%	77.6%	84.5%	84.9%	82.6%
14214	Buffalo	39.8%	76.0%	85.6%	92.7%	82.7%
14052	East Aurora	58.9%	82.3%	75.8%	100.0%	83.2%
14150	Tonawanda	42.3%	76.2%	82.3%	94.0%	83.9%

All data are provisional and represent data available at the time of the report.
https://covid19vaccine.health.ny.gov/vaccine-demographic-data

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
14031	Clarence	48.7%	72.9%	78.8%	100.0%	83.9%
14217	Kenmore	50.1%	87.4%	79.5%	90.9%	84.2%
14224	West Seneca	46.0%	76.9%	79.4%	99.7%	84.3%
14201	Buffalo	29.3%	81.9%	82.3%	98.4%	84.6%
14227	Cheektowaga	50.8%	71.8%	82.2%	100.0%	85.0%
14213	Buffalo	30.8%	78.5%	90.0%	93.2%	85.6%
14032	Clarence Center	51.4%	100.0%	78.7%	100.0%	85.9%
14169	Wales Center	62.1%	n/a	78.9%	100.0%	86.0%
14202	Buffalo	38.5%	66.7%	100.0%	100.0%	86.2%
14228	Amherst (Getzville)	51.4%	78.3%	90.3%	94.7%	86.5%
14075	Hamburg	49.4%	87.9%	80.4%	100.0%	87.1%
14072	Grand Island	48.6%	90.2%	82.3%	100.0%	88.0%
14051	East Amherst	60.5%	100.0%	81.5%	100.0%	88.5%
14226	Amherst (Snyder/Eggertsville)	50.6%	85.7%	87.3%	100.0%	89.5%
14223	Tonawanda	43.1%	84.9%	87.8%	100.0%	89.9%
14086	Lancaster	52.7%	91.7%	87.1%	100.0%	90.9%
14127	Orchard Park	55.7%	100.0%	83.7%	100.0%	91.0%
14026	Bowmansville	100.0%	100.0%	87.1%	100.0%	92.0%
14221	Amherst/Williamsville/Clarence	59.5%	100.0%	87.8%	95.8%	92.6%
14033	Colden	54.3%	100.0%	93.9%	95.9%	95.1%
14085	Lake View	56.3%	88.8%	99.3%	95.5%	96.2%
14068	Getzville	68.1%	100.0%	99.6%	92.7%	96.9%
14134	Sardinia	40.0%	100.0%	100.0%	100.0%	100.0%
14203	Buffalo	54.2%	100.0%	100.0%	100.0%	100.0%
Total		**42.1%**	**73.4%**	**80.9%**	**95.2%**	**82.1%**

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-February 3, 2022*)

Age Group	Jan	Feb	Total
<40	7	1	8
40 to 49	8	0	8
50 to 59	19	1	20
60 to 69	47	2	49
70 to 79	54	1	55
80+	76	5	81
Total # of Deaths	211	10	221
Ave. Death Age	73	73	73

Table 6

Erie County COVID-19 Deaths by Residence*

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	693	26.5%	29.2%
Erie County Excl. Buffalo	1,924	73.5%	70.8%
All of Erie County	2,617	100.0%	100.0%

*Population Source: Prepared from 2020 Census Bureau

*As of 2/3/2022; these charts are based on the most recent information available.