COVID-19 Data Update
Week ending February 12, 2022
All data are provisional.

1,654 new COVID-19 cases were recorded for the week ending Feb. 12. This is a 44% decline compared to the previous week (2,958) – the fifth consecutive week of decline, and the lowest weekly COVID-19 case total since mid-September 2021.

The weekly COVID-19 positivity rate was 6.3%, down from 8.9% the previous week.

Overall COVID-19 diagnostic tests totaled 26,058, down from 33,135 the previous week. This is the lowest number of COVID-19 tests reported in one week since early August 2021.

7-day case rate per 100,000 persons was 173, down from 310 the previous week.

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

Buffalo City COVID-19 cases comprised ~35% of new COVID-19 cases this past week (Buffalo City population is 29.2% of all Erie County residents).

7-day case rates per 100,000 residents improved in nearly every ZIP Code. The highest 7-day COVID-19 case rates per 100,000 persons were experienced in these ZIP codes: 14141, 14047, 14209 and 14212. The 14075 ZIP code had the most new COVID-19 cases, with 94 cases.

The 30-39-year-old age group had the most COVID-19 cases, with 320 cases. This age group also had the highest 7-day case rate per 100,000 persons, at 315, and this rate has been declining each week.

The highest COVID-19 positivity rates were in age groups under 18 years old. For this cohort, the positivity rate was 9%. Total COVID-19 cases in children under age 18 declined by 47% 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 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

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Confirmed COVID-19 Cases by Age Group and Gender (February 6-12, 2022)
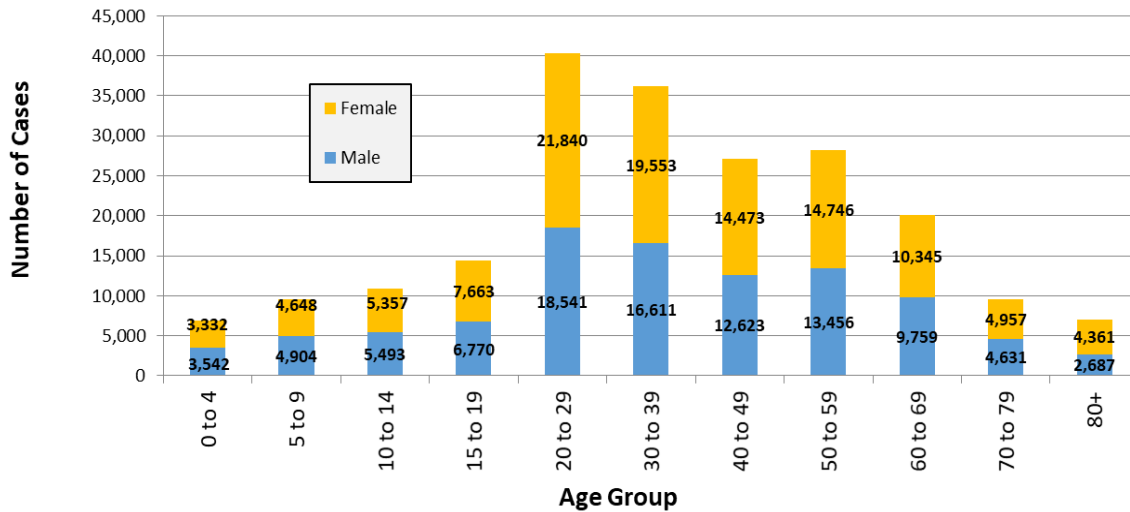
Figure 2

Confirmed COVID-19 Cases by Age Group (February 6-12, 2022)
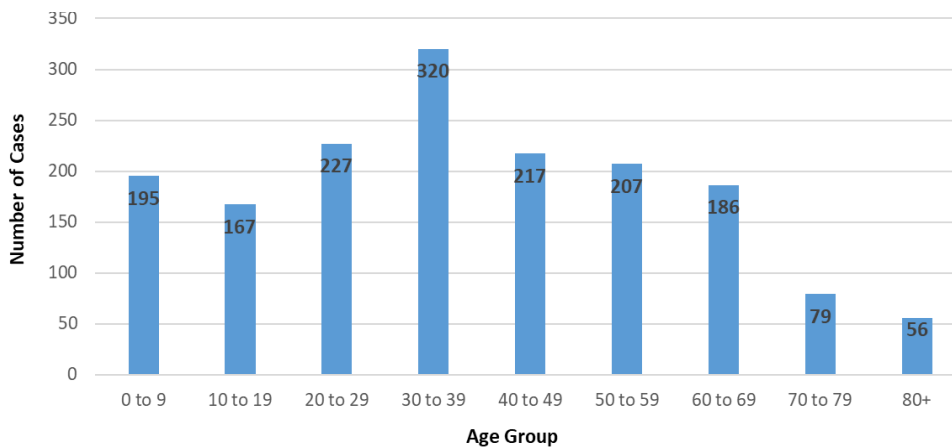
Table 1

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*
1/8/2022	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
2/12/2022	1,654	173.3

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

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]
14075	Hamburg	94	41,937	32.0	224.1
14221	Amherst/Williamsville/Clarence	85	53,555	22.7	158.7
14150	Tonawanda	68	41,676	23.3	163.2
14086	Lancaster	66	31,847	29.6	207.2
14224	West Seneca	64	39,889	22.9	160.4
14225	Cheektowaga	62	33,385	26.5	185.7
14226	Amherst (Snyder/Eggertsville)	51	29,267	24.9	174.3
14127	Orchard Park	50	29,961	23.8	166.9
14218	Lackawanna	49	19,039	36.8	257.4
14220	Buffalo (South)	49	24,227	28.9	202.3
14215	Buffalo (East)	47	39,999	16.8	117.5
14072	Grand Island	45	20,374	31.6	220.9
14043	Depew	44	24,742	25.4	177.8
14217	Kenmore	44	23,480	26.8	187.4
14227	Cheektowaga	44	23,426	26.8	187.8
14207	Buffalo (Black Rock/Riverside)	38	23,552	23.0	161.3
14223	Tonawanda	37	22,665	23.3	163.2
14213	Buffalo (West Side)	36	24,465	21.0	147.1
14216	Buffalo (North)	36	22,431	22.9	160.5
14228	Amherst (Getzville)	34	20,857	23.3	163.0
14052	Aurora	33	17,329	27.2	190.4
14141	Springville	32	7,728	59.2	414.1
14206	Buffalo (Kaisertown)	32	20,751	22.0	154.2
14212	Buffalo (Broadway)/Sloan	32	10,641	43.0	300.7
14214	Buffalo (University)	29	19,775	20.9	146.6
14210	Buffalo (South)	28	14,694	27.2	190.6
14051	Amherst (East)	26	19,533	19.0	133.1
14211	Buffalo/Cheektowaga	26	22,611	16.4	115.0
14209	Buffalo (Delaware)	24	7,926	43.3	302.8
14201	Buffalo (Downtown)	22	11,549	27.2	190.5
14047	Derby	21	6,440	46.6	326.1
14059	Elma	21	8,933	33.6	235.1
14031	Clarence	20	9,392	30.4	212.9
14222	Buffalo (Elmwood Village)	20	14,046	20.3	142.4
14006	Angola	18	9,858	26.1	182.6
14068	Amherst (Getzville)	18	7,150	36.0	251.7
14001	Akron	16	9,464	24.2	169.1
14085	Hamburg (Lake View)	16	7,353	31.1	217.6
14204	Buffalo (East)	16	8,691	26.3	184.1
14004	Alden	14	12,704	x	x
14208	Buffalo (east)	14	11,125	x	x

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]
14057	Eden	13	8,116	x	x
14219	Blasdell	12	11,536	x	x
14032	Clarence (North)	11	7,989	x	x
14111	North Collins	10	3,352	x	x
14170	West Falls	9	2,286	*	*
14030	Chaffee	8	1,807	x	x
14034	Collins	8	2,742	x	x
14081	Irving	8	3,095	x	x
14025	Boston	6	3,039	x	x
14080	Holland	6	4,330	x	x
14055	East Concord	5	1,405	x	x
14102	Marilla	5	1,281	x	x
14202	Buffalo (Downtown)	5	3,911	x	x
14203	Buffalo	5	1,618	x	x
14026	Bowmansville	*	674	x	x
14033	Colden	*	2,219	*	*
14069	Glenwood	*	844	x	x
14070	Gowanda	*	6,732	x	x
14091	Lawtons	*	1,079	x	x
14139	Wales	*	2,125	x	x
14231	Buffalo	*	n/a	x	x
14260-142	Amherst (UB)	*	10,300	x	x
	All Erie County†	**1,654**	**954,236**	**24.8**	**173.3**

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

ZCTAs are an approximation of mailing ZIP codes

Highlighted: 7-day case rates = 200+

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

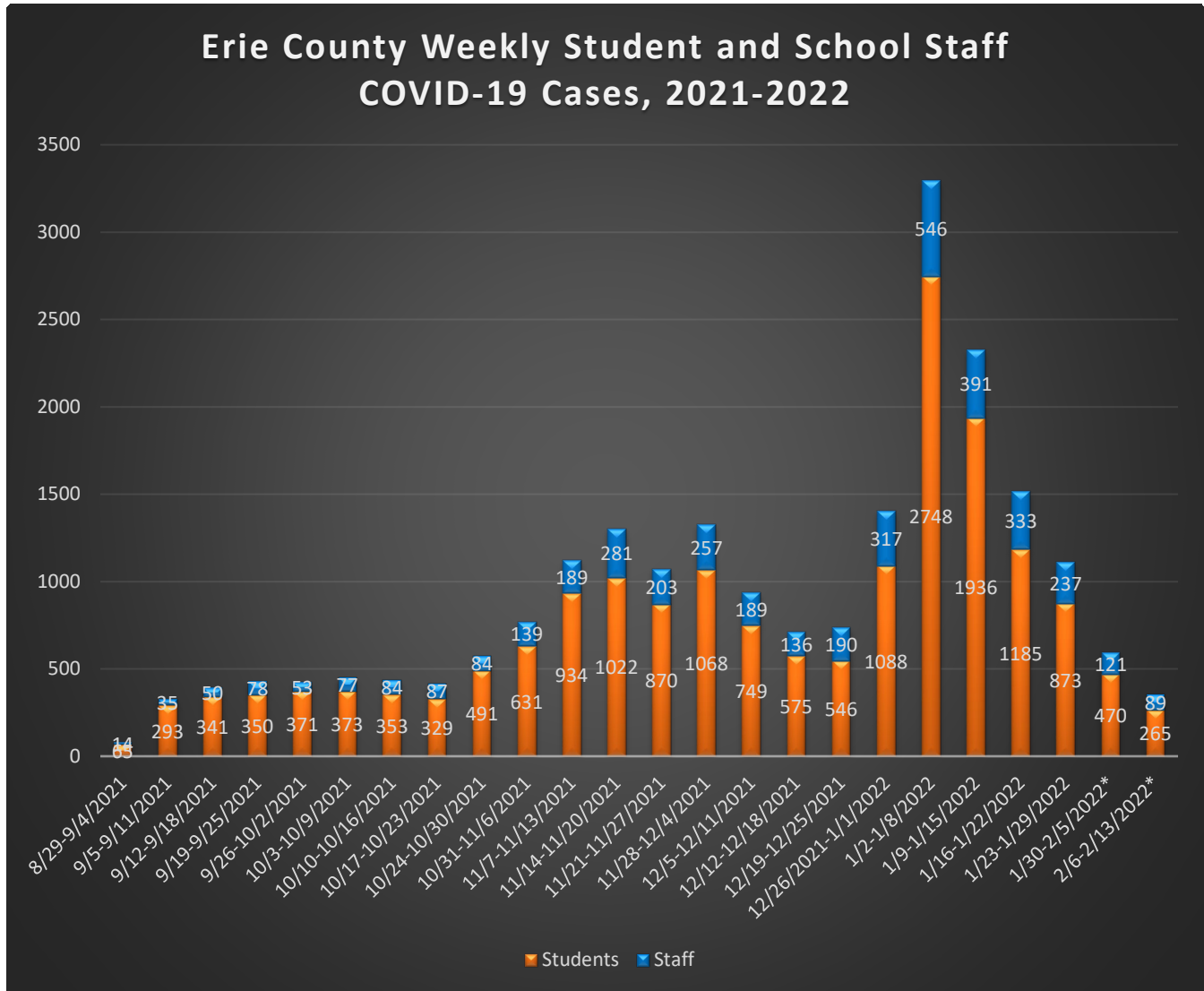Figure 3: Erie County Weekly Student and School Staff COVID-19 Cases

Erie County Weekly Student and School Staff COVID-19 Cases, 2021-2022
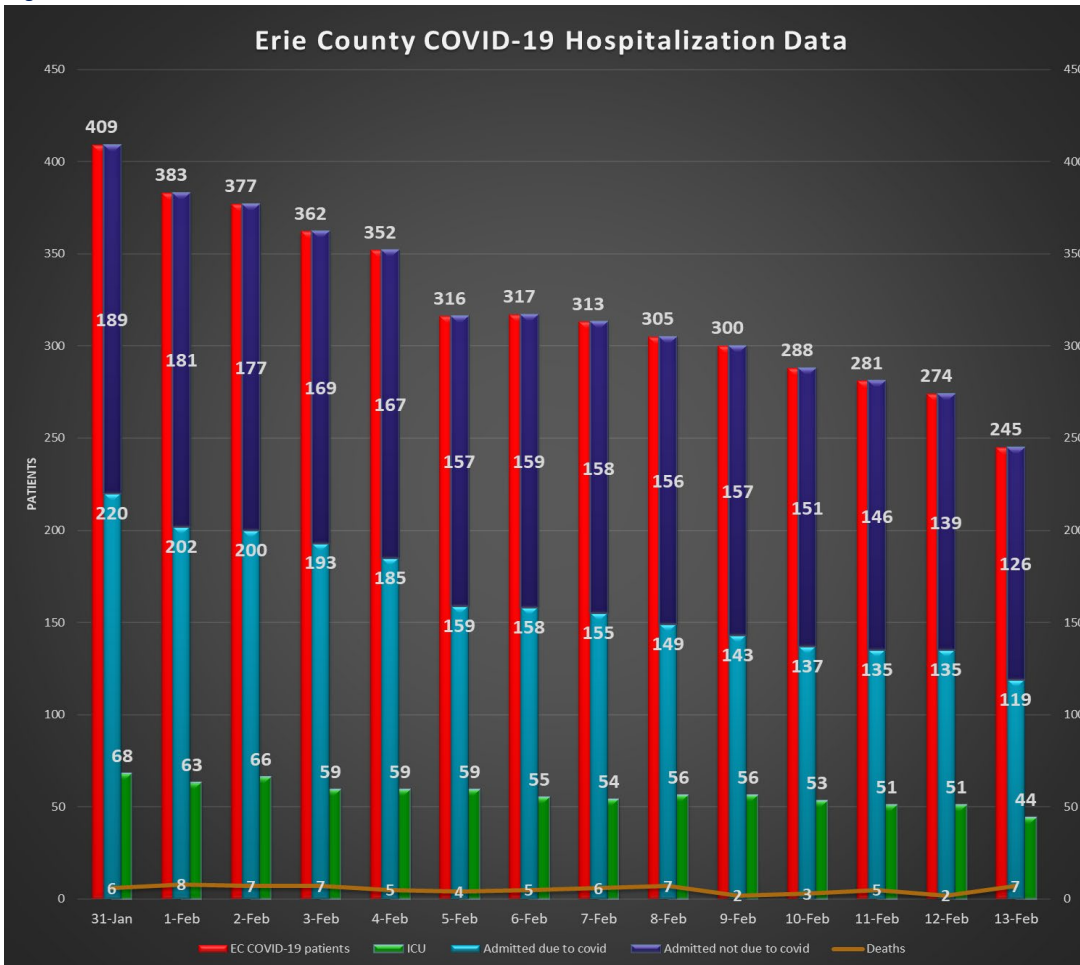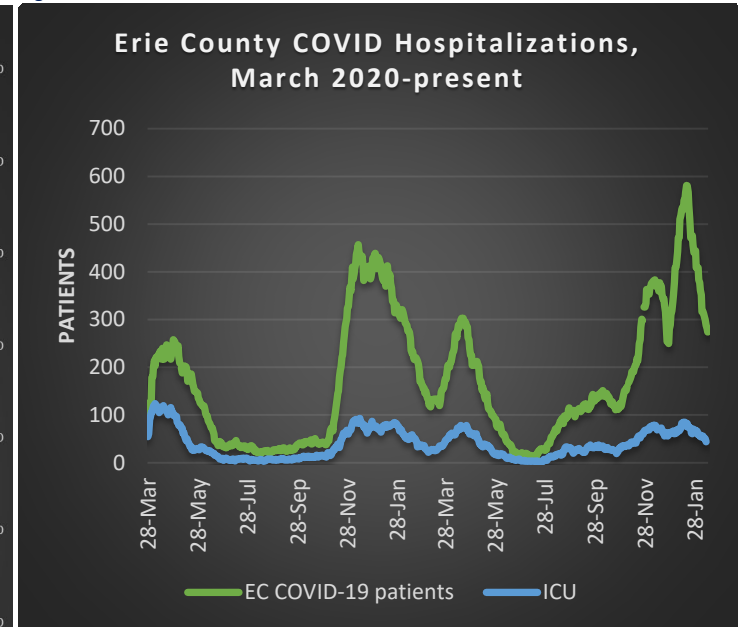
Figure 4a

Figure 4b

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 14, 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%	47.1%	100.0%	43.1%
14070	Gowanda	28.8%	30.3%	46.2%	76.1%	47.9%
14035	Collins Center	7.8%	100.0%	37.2%	100.0%	50.0%
14030	Chaffee	20.0%	51.5%	52.3%	82.0%	58.9%
14170	West Falls	29.6%	74.9%	48.7%	100.0%	60.7%
14111	North Collins	29.8%	55.0%	61.2%	100.0%	65.7%
14004	Alden	27.9%	53.2%	62.6%	84.3%	65.9%
14055	East Concord	29.6%	63.7%	58.3%	100.0%	67.4%
14025	Boston	33.1%	84.0%	63.2%	69.5%	68.2%
14080	Holland	29.0%	57.7%	61.4%	95.9%	68.4%
14210	Buffalo	34.4%	55.6%	73.9%	85.0%	69.3%
14206	Buffalo	35.0%	61.3%	74.0%	79.4%	71.6%
14208	Buffalo	31.5%	58.4%	84.4%	70.7%	71.9%
14001	Akron	36.3%	59.9%	66.5%	100.0%	73.1%
14222	Buffalo (Elmwood Village)	34.6%	59.1%	89.7%	80.3%	73.4%
14219	Blasdell	35.0%	59.9%	72.9%	97.1%	74.4%
14215	Buffalo	31.7%	61.2%	76.9%	100.0%	75.0%
14047	Derby	35.7%	65.5%	69.0%	100.0%	75.4%
14091	Lawtons	41.9%	42.9%	86.3%	89.6%	75.5%
14204	Buffalo	31.8%	70.4%	74.7%	88.9%	76.3%
14006	Angola	32.7%	66.6%	74.6%	85.9%	76.3%
14069	Glenwood	35.2%	82.7%	68.6%	89.2%	76.4%
14211	Buffalo	38.4%	68.6%	78.0%	86.4%	76.5%
14141	Springville	32.1%	71.3%	70.1%	96.2%	77.0%
14218	Lackawanna	28.5%	59.8%	79.0%	96.3%	77.2%
14059	Elma	35.3%	68.9%	73.5%	88.9%	77.3%
14102	Marilla	31.7%	54.6%	82.8%	95.5%	78.3%
14207	Buffalo	36.4%	59.3%	92.3%	90.0%	78.7%
14139	South Wales	34.0%	90.6%	68.1%	100.0%	79.3%
14057	Eden	42.4%	87.0%	70.3%	100.0%	80.1%
14216	Buffalo	44.0%	68.1%	83.4%	100.0%	80.5%
14043	Depew	40.2%	68.4%	81.4%	93.4%	81.0%
14209	Buffalo	30.7%	72.1%	82.1%	100.0%	81.5%
14225	Cheektowaga	40.8%	64.4%	90.6%	92.2%	82.4%
14220	Buffalo	40.3%	72.2%	82.9%	97.9%	82.5%
14212	Buffalo	38.4%	78.1%	84.5%	85.3%	82.8%
14214	Buffalo	40.2%	76.5%	85.7%	92.6%	82.9%
14052	East Aurora	58.9%	82.2%	75.8%	100.0%	83.2%
14150	Tonawanda	42.5%	76.3%	82.4%	93.9%	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%	73.2%	78.9%	100.0%	84.0%
14217	Kenmore	50.3%	87.4%	79.6%	91.0%	84.3%
14224	West Seneca	46.3%	77.2%	79.4%	99.7%	84.4%
14201	Buffalo	29.6%	82.5%	82.4%	98.5%	84.8%
14227	Cheektowaga	51.0%	72.1%	82.3%	100.0%	85.2%
14213	Buffalo	31.4%	78.5%	90.0%	93.2%	85.6%
14032	Clarence Center	51.6%	99.9%	78.7%	100.0%	85.9%
14169	Wales Center	62.1%	n/a	78.9%	100.0%	86.0%
14202	Buffalo	39.7%	67.5%	100.0%	100.0%	86.5%
14228	Amherst (Getzville)	51.8%	78.6%	90.4%	94.7%	86.6%
14075	Hamburg	49.5%	88.3%	80.5%	100.0%	87.2%
14072	Grand Island	48.8%	90.3%	82.4%	100.0%	88.1%
14051	East Amherst	60.7%	100.0%	81.5%	100.0%	88.5%
14226	Amherst (Snyder/Eggertsvill	50.8%	86.0%	87.3%	100.0%	89.6%
14223	Tonawanda	43.4%	85.2%	87.8%	100.0%	90.0%
14086	Lancaster	53.0%	92.0%	87.1%	100.0%	91.0%
14127	Orchard Park	55.8%	100.0%	83.7%	100.0%	91.1%
14026	Bowmansville	100.0%	100.0%	87.1%	100.0%	92.0%
14221	Amherst/Williamsville/Clarer	59.7%	100.0%	87.8%	95.8%	92.6%
14033	Colden	54.3%	100.0%	94.2%	95.7%	95.1%
14085	Lake View	56.3%	88.8%	99.5%	95.5%	96.3%
14068	Getzville	68.9%	100.0%	99.4%	92.6%	96.8%
14134	Sardinia	42.9%	100.0%	100.0%	100.0%	100.0%
14203	Buffalo	55.9%	100.0%	100.0%	100.0%	100.0%
	Total	**42.4%**	**73.6%**	**81.0%**	**95.2%**	**82.2%**

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 10, 2022*)

Age Group	Jan	Feb	Total
<40	7	1	8
40 to 49	9	1	10
50 to 59	19	4	23
60 to 69	49	8	57
70 to 79	55	15	70
80+	88	14	102
Total # of Deaths	227	43	270
Ave. Death Age	74	73	74

Table 6

Erie County COVID-19 Deaths by Residence*

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	706	26.5%	29.2%
Erie County Excl. Buffalo	1,960	73.5%	70.8%
All of Erie County	2,617	100.0%	100.0%

*Population Source: Prepared from 2020 Census Bureau

*As of 2/10/2022; these charts are based on the most recent information available.