



**Erie County
Department of
Health**



Public Health
Prevent. Promote. Protect.

COVID-19 Data Update

Week ending January 15, 2022

All data are provisional.

Erie County COVID-19 Case Data

Erie County confirmed 16,103 new COVID-19 cases for the week ending January 15, 2022, representing a 16% decline from the previous week. This is the first time since the week ending 12/18/2021 that cases declined from the previous week.

The 7-day case rate per 100,000 persons was 1,688, down from 2024 the previous week

Buffalo City cases comprised ~35% of new cases this past week, with the Buffalo City population comprising 29.2% of all Erie County residents.

The six ZIP Codes with the highest 7-day COVID-19 case rate per 100,000 persons were all in Buffalo City zip codes: 14203, 14211, 14207, 14201, 14208, 14215.

The most crude number of cases occurred in zip 14221 with 860 cases

There were 68,513 COVID-19 diagnostic tests, down from 77,596 lab reports the previous week.

Weekly positivity for week ending 1/15/2021 = 23.5%

The 30-39 yr old age group had the highest 7-day case rate per 100,000 persons (2844.4 per 100,000 persons). See Figure 3.

Erie County COVID-19 Hospitalization Data: NYSDOH publishes updated hospitalization data by region: <https://coronavirus.health.ny.gov/daily-hospitalization-summary> See Figure 4.

Erie County COVID-19 Mortality Data: Mortality data are updated through January 6, 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 - January 15, 2022)

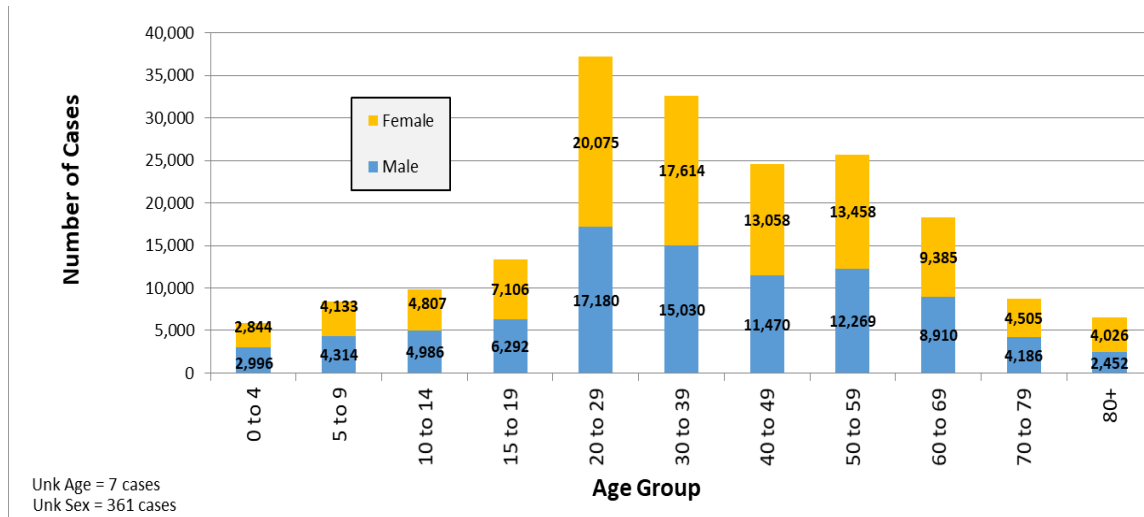


Figure 2

Confirmed COVID-19 Cases by Age Group (January 9-15, 2022)

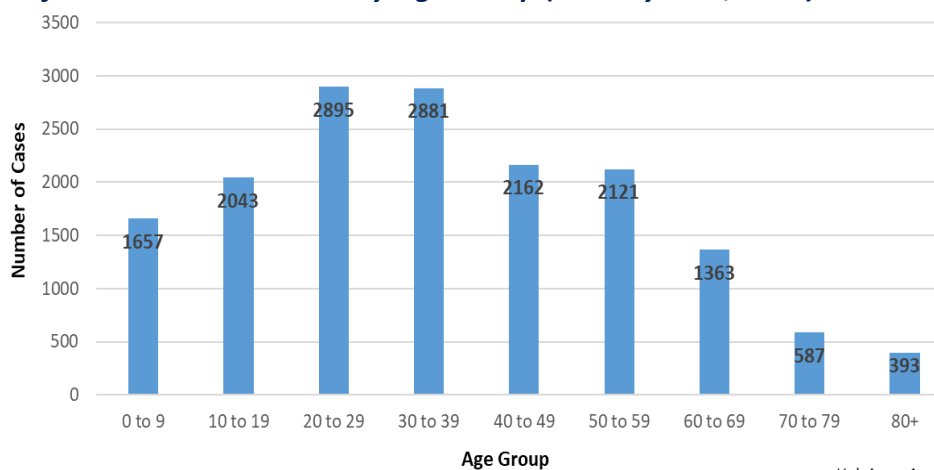


Table 1

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*
12/11/2021	4,345	455
12/18/2021	3,472	364
12/25/2021	5,108	535
1/1/2022	13,460	1,411
1/8/2022	19,318	2,024
1/15/2022	16,103	1,688

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
14221	Amherst/Williamsville/Clarence	860	53,555	229.4	1605.8
14215	Buffalo (East)	830	39,999	296.4	2075.1
14150	Tonawanda	722	41,676	247.5	1732.4
14224	West Seneca	697	39,889	249.6	1747.3
14225	Cheektowaga	685	33,385	293.1	2051.8
14075	Hamburg	658	41,937	224.1	1569.0
14086	Lancaster	586	31,847	262.9	1840.0
14207	Buffalo (Black Rock/Riverside)	578	23,552	350.6	2454.1
14211	Buffalo/Cheektowaga	558	22,611	352.5	2467.8
14213	Buffalo (West Side)	482	24,465	281.5	1970.2
14226	Amherst (Snyder/Eggertsville)	482	29,267	235.3	1646.9
14127	Orchard Park	474	29,961	226.0	1582.1
14043	Depew	460	24,742	265.6	1859.2
14220	Buffalo (South)	422	24,227	248.8	1741.9
14206	Buffalo (Kaisertown)	418	20,751	287.8	2014.4
14217	Kenmore	402	23,480	244.6	1712.1
14227	Cheektowaga	373	23,426	227.5	1592.2
14072	Grand Island	371	20,374	260.1	1820.9
14223	Tonawanda	370	22,665	233.2	1632.5
14216	Buffalo (North)	367	22,431	233.7	1636.1
14218	Lackawanna	362	19,039	271.6	1901.4
14228	Amherst (Getzville)	348	20,857	238.4	1668.5
14051	Amherst (East)	324	19,533	237.0	1658.7
14214	Buffalo (University)	305	19,775	220.3	1542.4
14210	Buffalo (South)	289	14,694	281.0	1966.8
14201	Buffalo (Downtown)	260	11,549	321.6	2251.3
14208	Buffalo (east)	242	11,125	310.8	2175.3
14052	Aurora	229	17,329	188.8	1321.5
14212	Buffalo (Broadway)/Sloan	220	10,641	295.4	2067.5
14219	Blasdell	189	11,536	234.0	1638.3
14004	Alden	188	12,704	211.4	1479.8
14204	Buffalo (East)	174	8,691	286.0	2002.1
14222	Buffalo (Elmwood Village)	165	14,046	167.8	1174.7
14032	Clarence (North)	152	7,989	271.8	1902.6
14031	Clarence	144	9,392	219.0	1533.2
14059	Elma	137	8,933	219.1	1533.6
14085	Hamburg (Lake View)	133	7,353	258.4	1808.8
14209	Buffalo (Delaware)	132	7,926	237.9	1665.4
14001	Akron	130	9,464	196.2	1373.6
14006	Angola	129	9,858	186.9	1308.6
14141	Springville	123	7,728	227.4	1591.6

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
14068	Amherst (Getzville)	118	7,150	235.8	1650.3
14057	Eden	102	8,116	179.5	1256.8
14047	Derby	88	6,440	195.2	1366.5
14080	Holland	83	4,330	273.8	1916.9
14202	Buffalo (Downtown)	75	3,911	274.0	1917.7
14203	Buffalo	49	1,618	432.6	3028.4
14025	Boston	46	3,039	216.2	1513.7
14111	North Collins	44	3,352	187.5	1312.6
14139	Wales	44	2,125	295.8	2070.6
14034	Collins	40	2,742	208.4	1458.8
14033	Colden	38	2,219	244.6	1712.5
14170	West Falls	31	2,286	193.7	1356.1
14055	East Concord	27	1,405	274.5	1921.7
14070	Gowanda	24	6,732	50.9	356.5
14081	Irving	20	3,095	92.3	646.2
14091	Lawtons	18	1,079	238.3	1668.2
14030	Chaffee	17	1,807	134.4	940.8
14069	Glenwood	15	844	253.9	1777.3
14026	Bowmansville	12	674	x	x
14102	Marilla	10	1,281	x	x
14260-142	Amherst (UB)	8	10,300	x	x
14231	Buffalo	*	n/a	x	x
	All Erie County [†]	16,103	954,236	241.1	1687.5

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

ZCTAs are an approximation of mailing ZIP codes

Highlighted: 7-day case rates = 1,600+

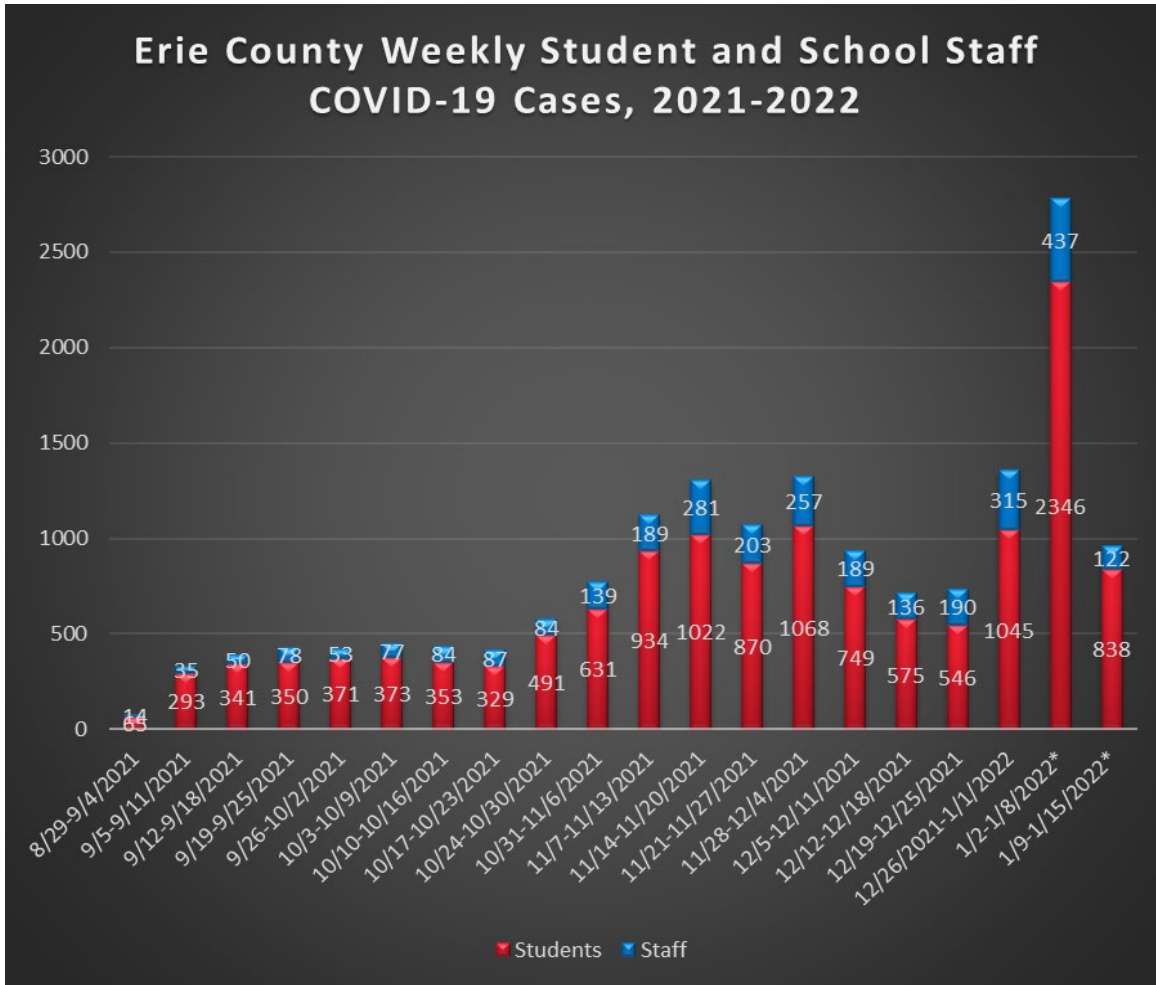
Buffalo and Erie County from 2010 (U.S. Census Redistricting Data, PL 94-171) Summary File

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

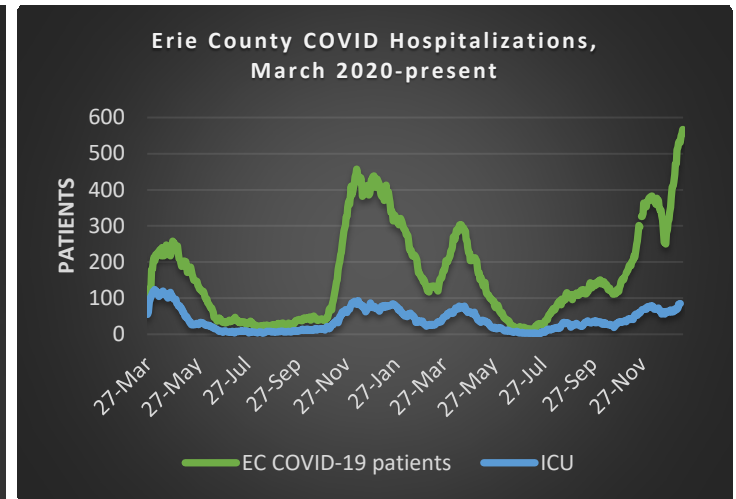
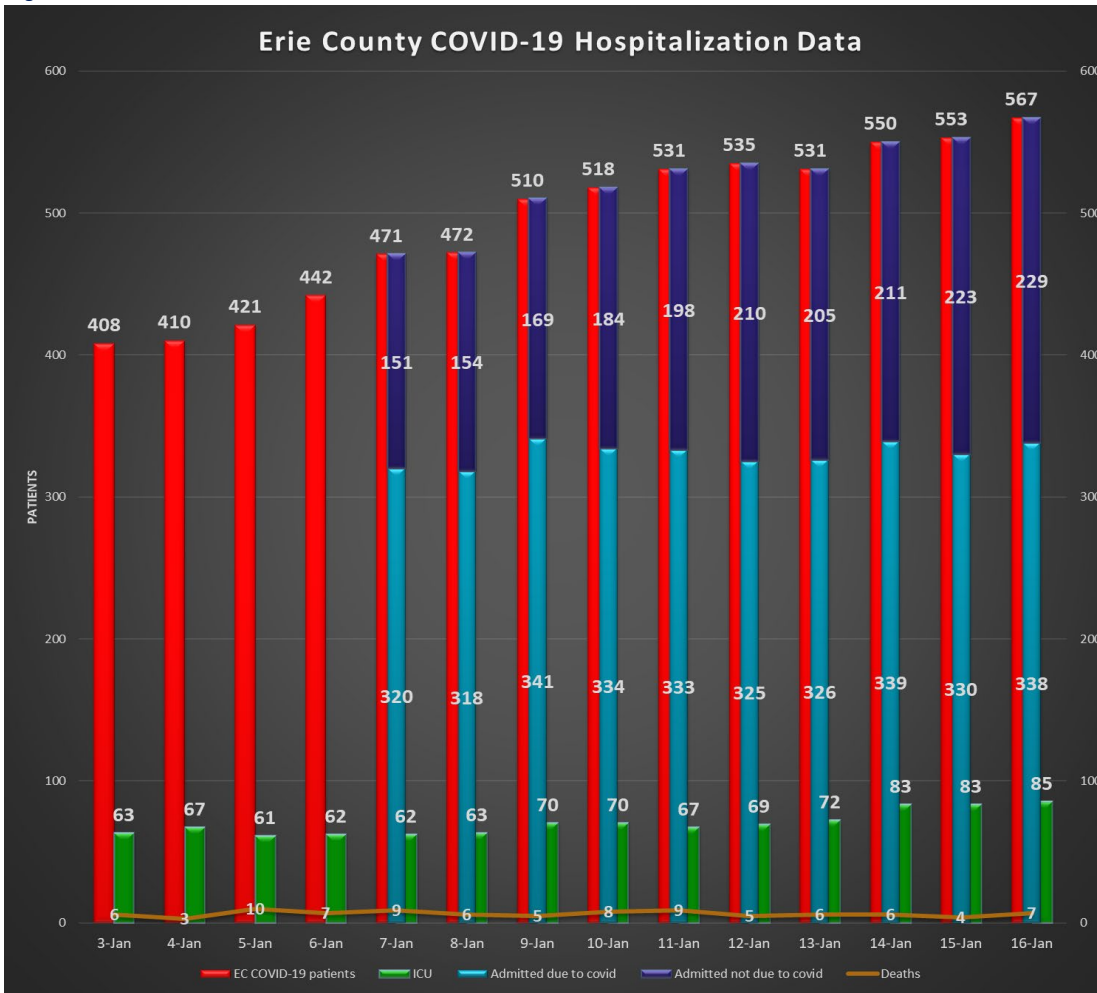
Figure 3: Erie County Weekly Student and School Staff COVID-19 Cases



*Data are incomplete for the past two weeks due to lags in reporting from schools and labs.

These data do not include self-reported at-home COVID-19 positive tests.

Figure 4



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 January 17, 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
14034	Collins	36.6%	28.7%	34.1%	89.7%	40.6%
14112	North Evans	n/a	31.1%	n/a	48.3%	41.9%
14061	Farnham	6.5%	20.0%	46.4%	100.0%	42.8%
14070	Gowanda	26.7%	29.7%	45.5%	75.4%	47.0%
14035	Collins Center	9.8%	100.0%	37.2%	100.0%	51.9%
14030	Chaffee	19.1%	51.9%	51.5%	81.3%	58.4%
14170	West Falls	28.8%	72.8%	48.8%	100.0%	60.5%
14111	North Collins	28.6%	54.3%	60.5%	100.0%	64.9%
14004	Alden	26.8%	52.0%	62.3%	84.2%	65.2%
14055	East Concord	28.8%	61.1%	58.5%	100.0%	67.2%
14025	Boston	32.9%	83.3%	63.1%	69.3%	67.5%
14080	Holland	28.7%	56.0%	61.2%	96.0%	67.9%
14210	Buffalo	32.2%	54.5%	73.0%	84.4%	68.1%
14208	Buffalo	28.6%	55.7%	83.4%	70.5%	69.8%
14206	Buffalo	32.3%	59.6%	73.1%	79.1%	70.2%
14222	Buffalo (Elmwood Village)	33.5%	57.6%	89.4%	80.0%	72.3%
14001	Akron	34.6%	59.3%	65.8%	100.0%	72.4%
14215	Buffalo	28.6%	58.4%	76.0%	100.0%	73.1%
14219	Blasdell	34.5%	59.7%	72.5%	96.7%	73.9%
14211	Buffalo	35.4%	66.4%	76.6%	85.4%	74.2%
14047	Derby	34.2%	64.0%	68.8%	100.0%	74.7%
14204	Buffalo	28.4%	68.8%	73.8%	89.0%	74.8%
14091	Lawtons	39.1%	42.9%	86.3%	89.6%	75.4%
14006	Angola	31.6%	66.1%	74.0%	85.7%	75.6%
14069	Glenwood	34.5%	79.6%	68.9%	89.2%	75.7%
14218	Lackawanna	26.1%	58.7%	78.1%	95.7%	75.8%
14141	Springville	31.6%	70.4%	69.9%	96.3%	76.7%
14207	Buffalo	33.3%	57.1%	91.1%	89.6%	76.7%
14059	Elma	34.5%	68.3%	73.2%	88.6%	76.9%
14102	Marilla	30.4%	54.6%	81.8%	94.6%	77.4%
14214	Buffalo	37.4%	69.4%	84.9%	92.3%	78.7%
14139	South Wales	33.3%	91.5%	67.8%	100.0%	79.0%
14216	Buffalo	42.6%	66.7%	82.9%	100.0%	79.5%
14057	Eden	41.6%	86.6%	69.8%	100.0%	79.5%
14209	Buffalo	29.5%	70.4%	81.5%	100.0%	80.0%
14043	Depew	38.6%	67.6%	80.7%	93.3%	80.2%
14212	Buffalo	34.4%	75.6%	83.3%	84.6%	80.5%
14225	Cheektowaga	39.3%	63.4%	89.9%	91.9%	81.5%
14220	Buffalo	38.3%	71.2%	82.5%	98.0%	81.7%
14052	East Aurora	57.7%	82.2%	75.5%	100.0%	82.9%
14150	Tonawanda	41.0%	75.5%	81.8%	93.9%	83.1%

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
14201	Buffalo	28.0%	80.0%	81.7%	98.0%	83.2%
14031	Clarence	47.5%	72.6%	78.5%	100.0%	83.4%
14217	Kenmore	48.9%	86.6%	79.2%	90.7%	83.7%
14224	West Seneca	44.9%	76.1%	79.1%	99.5%	83.8%
14228	Amherst (Getzville)	48.2%	74.5%	89.8%	94.5%	84.2%
14213	Buffalo	29.2%	77.0%	89.8%	93.0%	84.3%
14227	Cheektowaga	48.7%	71.1%	81.8%	100.0%	84.5%
14202	Buffalo	35.9%	65.5%	100.0%	100.0%	85.5%
14032	Clarence Center	50.6%	99.5%	78.7%	100.0%	85.8%
14169	Wales Center	65.5%	n/a	78.9%	100.0%	86.0%
14075	Hamburg	48.4%	87.6%	80.0%	100.0%	86.7%
14072	Grand Island	47.4%	89.5%	82.0%	100.0%	87.4%
14226	Amherst (Snyder/Eggertsville)	49.0%	82.2%	86.9%	100.0%	87.7%
14051	East Amherst	58.7%	100.0%	81.0%	100.0%	88.1%
14223	Tonawanda	42.0%	83.7%	87.7%	100.0%	89.4%
14086	Lancaster	51.9%	91.1%	86.7%	100.0%	90.3%
14127	Orchard Park	54.7%	100.0%	83.6%	100.0%	91.0%
14026	Bowmansville	100.0%	100.0%	87.1%	100.0%	91.8%
14221	Amherst/Williamsville/Clarence	58.1%	100.0%	87.5%	95.6%	92.3%
14033	Colden	53.0%	100.0%	93.0%	95.5%	94.2%
14085	Lake View	54.5%	88.4%	99.1%	95.2%	95.6%
14068	Getzville	64.7%	100.0%	99.4%	92.4%	96.5%
14134	Sardinia	40.0%	100.0%	100.0%	100.0%	100.0%
14203	Buffalo	44.7%	100.0%	100.0%	100.0%	100.0%
Total		40.5%	72.0%	80.5%	95.0%	81.2%

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*)

*As of 1/6/2022

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	45	280
80+	163	62	29	27	24	5	1	17	24	38	40	64	494
Total # of Deaths	269	136	57	100	65	18	12	41	55	81	97	186	1,117
Ave. Death Age	81	76	77	71	74	70	70	74	77	76	73	72	76

Table 5

Erie County Covid-19 Deaths By Age Group (January 2022*)

Age Group	Jan
<40	1
40 to 49	1
50 to 59	5
60 to 69	9
70 to 79	5
80+	11
Total # of Deaths	32
Ave. Death Age	71

Table 6

Erie County COVID-19 Deaths by Residence*

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	628	25.9%	29.2%
Erie County Excl. Buffalo	1,756	74.1%	70.8%
All of Erie County	2,425	100.0%	100.0%

*Population Source: Prepared from 2020 Census Bureau

*As of 1/6/2022; these charts are based on the most recent information available.