



COVID-19 Data Update

Week ending January 29, 2022

All data are provisional.

Erie County COVID-19 Case Data

5,761 new COVID-19 cases were recorded for the week ending Jan. 29. This is a 32% decline compared to the previous week (8,431) – the third consecutive week of decline.

The weekly COVID-19 positivity rate was 13.8%, down from 17.2% the previous week.

Overall COVID-19 diagnostic tests totaled 41,749, down from 49,258 tests the previous week.

7-day case rate per 100,000 persons was 604, down from 884 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).

Highest 7-day COVID-19 case rates per 100,000 persons were experienced in these ZIP codes: 14203, 14031, 14032, 14141, 14139. The 14221 ZIP code had the highest total number of new COVID-19 cases (409). See Table 2.

The 30-39-year-old age group had the most COVID-19 cases, with 1,028 cases. This age group also had the highest 7-day case rate per 100,000 persons, at 1,015.

The highest COVID-19 positivity rates were in age groups under 18 years old. For this cohort, the positivity rate was 19.6%.

Total COVID-19 cases in children under age 18 declined by 10% 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 January 27, 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 29, 2022)

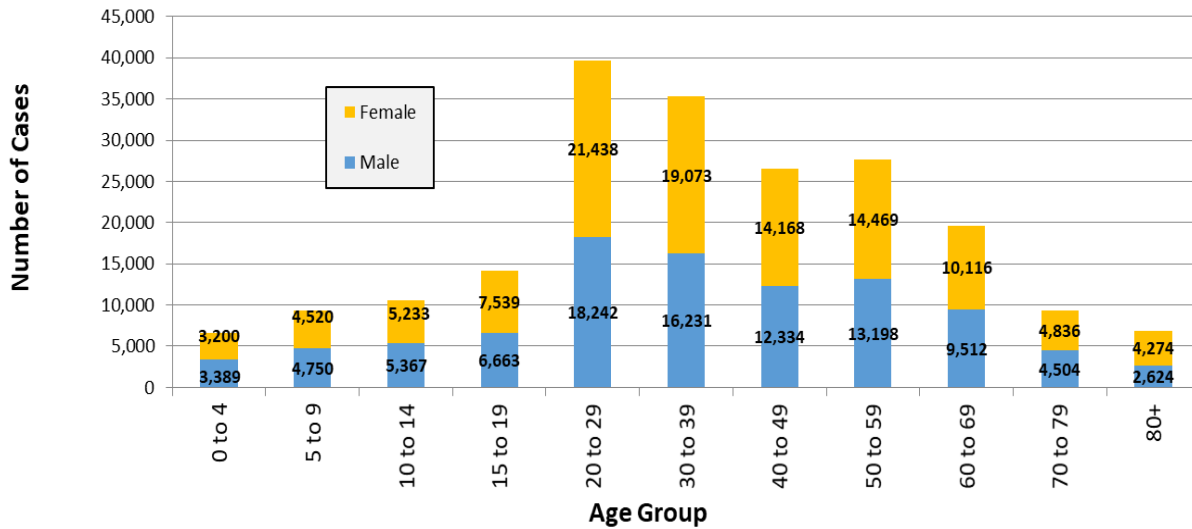


Figure 2

Confirmed COVID-19 Cases by Age Group (January 23-29, 2022)

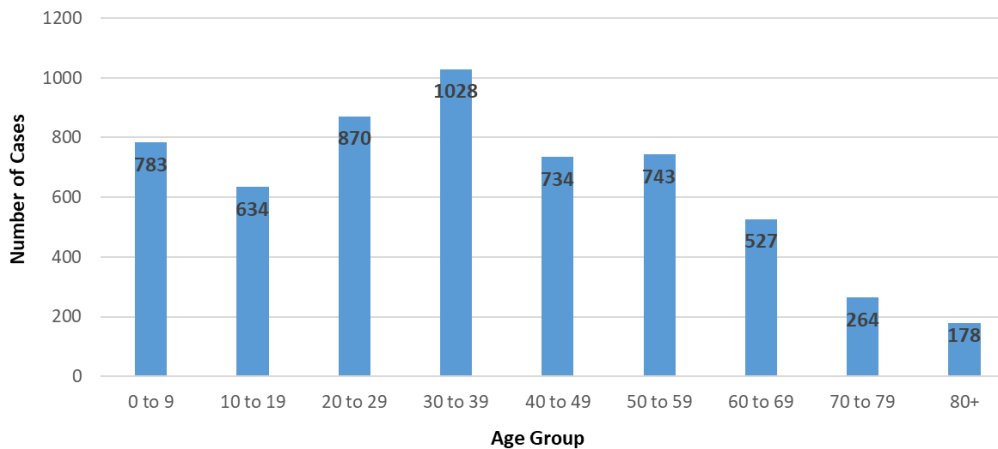


Table 1

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*
12/25/2021	5,108	535.3
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

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	409	53,555	109.1	763.7
14075	Hamburg	268	41,937	91.3	639.1
14224	West Seneca	262	39,889	93.8	656.8
14086	Lancaster	254	31,847	113.9	797.6
14150	Tonawanda	229	41,676	78.5	549.5
14215	Buffalo (East)	216	39,999	77.1	540.0
14225	Cheektowaga	203	33,385	86.9	608.1
14226	Amherst (Snyder/Eggertsville)	179	29,267	87.4	611.6
14043	Depew	169	24,742	97.6	683.0
14127	Orchard Park	167	29,961	79.6	557.4
14228	Amherst (Getzville)	165	20,857	113.0	791.1
14220	Buffalo (South)	160	24,227	94.3	660.4
14207	Buffalo (Black Rock/Riverside)	152	23,552	92.2	645.4
14223	Tonawanda	152	22,665	95.8	670.6
14217	Kenmore	150	23,480	91.3	638.8
14072	Grand Island	147	20,374	103.1	721.5
14051	Amherst (East)	145	19,533	106.0	742.3
14227	Cheektowaga	131	23,426	79.9	559.2
14213	Buffalo (West Side)	121	24,465	70.7	494.6
14206	Buffalo (Kaisertown)	111	20,751	76.4	534.9
14216	Buffalo (North)	105	22,431	66.9	468.1
14052	Aurora	104	17,329	85.7	600.2
14218	Lackawanna	99	19,039	74.3	520.0
14211	Buffalo/Cheektowaga	98	22,611	61.9	433.4
14210	Buffalo (South)	94	14,694	91.4	639.7
14219	Blasdell	87	11,536	107.7	754.2
14201	Buffalo (Downtown)	86	11,549	106.4	744.7
14214	Buffalo (University)	84	19,775	60.7	424.8
14004	Alden	83	12,704	93.3	653.3
14031	Clarence	82	9,392	124.7	873.1
14006	Angola	81	9,858	117.4	821.7
14001	Akron	75	9,464	113.2	792.5
14032	Clarence (North)	69	7,989	123.4	863.7
14141	Springville	66	7,728	122.0	854.0
14212	Buffalo (Broadway)/Sloan	61	10,641	81.9	573.3
14085	Hamburg (Lake View)	56	7,353	108.8	761.6
14222	Buffalo (Elmwood Village)	54	14,046	54.9	384.5
14208	Buffalo (East)	49	11,125	62.9	440.4
14209	Buffalo (Delaware)	47	7,926	84.7	593.0
14204	Buffalo (East)	46	8,691	75.6	529.3
14068	Amherst (Getzville)	45	7,150	89.9	629.4

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

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
14059	Elma	43	8,933	68.8	481.4
14057	Eden	42	8,116	73.9	517.5
14047	Derby	41	6,440	90.9	636.6
14203	Buffalo	36	1,618	317.9	2225.0
14080	Holland	30	4,330	99.0	692.8
14202	Buffalo (Downtown)	26	3,911	95.0	664.8
14070	Gowanda	22	6,732	46.7	326.8
14111	North Collins	18	3,352	76.7	537.0
14139	Wales	18	2,125	121.0	847.1
14081	Irving	15	3,095	69.2	484.7
14033	Colden	14	2,219	x	x
14034	Collins	14	2,742	x	x
14091	Lawtons	13	1,079	x	x
14055	East Concord	11	1,405	x	x
14170	West Falls	11	2,286	x	x
14030	Chaffee	9	1,807	x	x
14102	Marilla	8	1,281	x	x
14025	Boston	7	3,039	x	x
14026	Bowmansville	5	674	x	x
14069	Glenwood	*	844	x	x
14231	Buffalo	*	n/a	x	x
14260-142	Amherst (UB)	*	10,300	x	x
	All Erie County [†]	5,761	954,236	86.2	603.7

**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 = 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

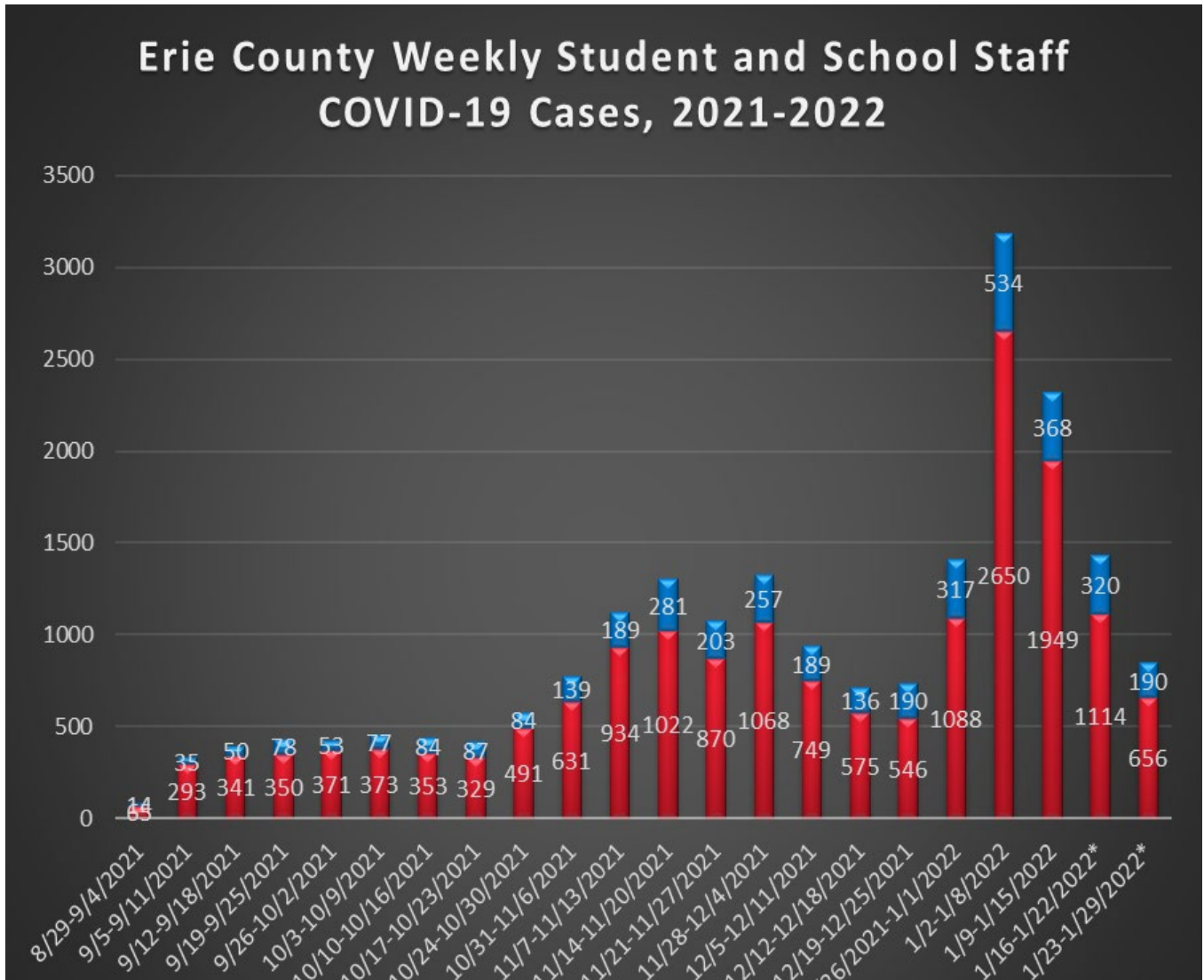


Figure 4a

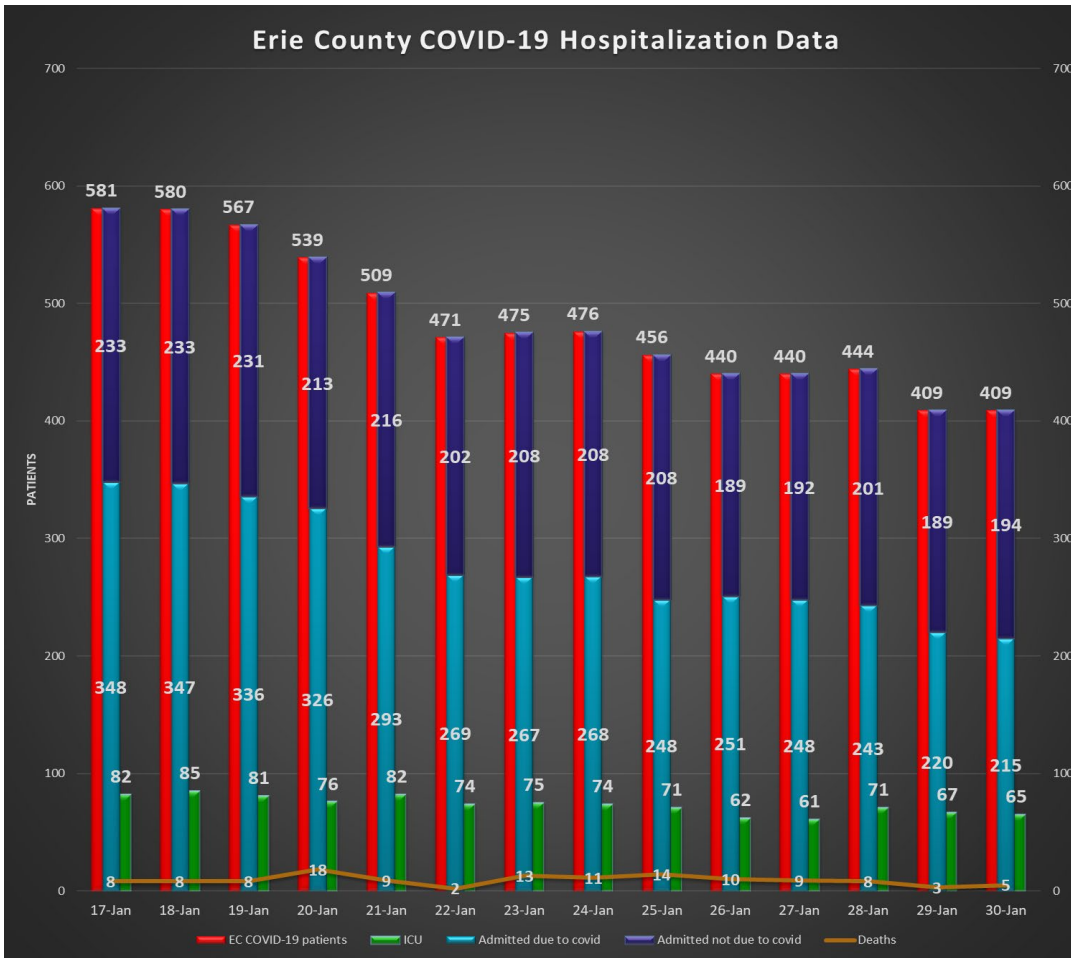
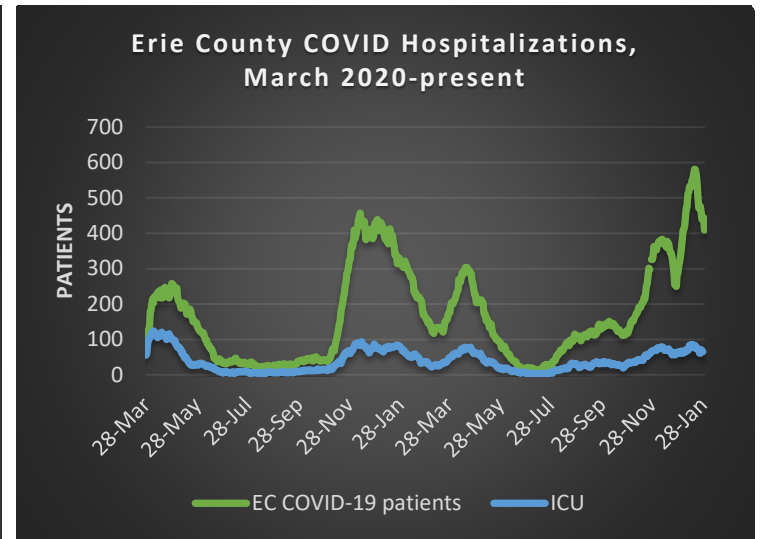


Figure 4b



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 January 31, 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	37.5%	28.7%	34.5%	89.4%	40.9%
14112	North Evans	n/a	31.1%	n/a	48.3%	41.0%
14061	Farnham	6.5%	20.0%	47.7%	100.0%	43.5%
14070	Gowanda	27.9%	30.1%	45.8%	75.7%	47.5%
14035	Collins Center	9.8%	100.0%	37.2%	100.0%	50.0%
14030	Chaffee	19.6%	51.5%	52.0%	82.0%	58.7%
14170	West Falls	29.2%	74.3%	48.5%	100.0%	60.6%
14111	North Collins	29.1%	54.5%	61.1%	100.0%	65.5%
14004	Alden	27.6%	53.1%	62.6%	84.2%	65.8%
14055	East Concord	30.0%	63.2%	58.0%	100.0%	67.1%
14025	Boston	33.0%	84.0%	63.2%	69.5%	68.2%
14080	Holland	28.9%	57.7%	61.6%	96.0%	68.6%
14210	Buffalo	33.6%	55.3%	73.5%	84.8%	69.0%
14206	Buffalo	34.0%	60.7%	73.6%	79.2%	71.2%
14208	Buffalo	30.2%	57.2%	84.0%	70.7%	71.3%
14001	Akron	35.8%	59.6%	66.2%	100.0%	72.9%
14222	Buffalo (Elmwood Village)	33.9%	58.6%	89.5%	80.2%	73.0%
14219	Blasdell	34.9%	59.7%	72.8%	96.8%	74.2%
14215	Buffalo	30.4%	60.0%	76.5%	100.0%	74.4%
14047	Derby	35.1%	65.2%	69.0%	100.0%	75.3%
14091	Lawtons	41.0%	42.9%	86.3%	89.6%	75.5%
14204	Buffalo	30.3%	69.8%	74.3%	89.1%	75.9%
14211	Buffalo	37.2%	67.8%	77.7%	85.8%	76.0%
14006	Angola	32.3%	66.5%	74.5%	85.9%	76.2%
14069	Glenwood	35.2%	82.7%	68.9%	89.2%	76.5%
14218	Lackawanna	27.4%	59.5%	78.6%	96.0%	76.9%
14141	Springville	31.9%	71.0%	70.0%	96.2%	76.9%
14059	Elma	35.1%	68.4%	73.3%	88.8%	77.1%
14207	Buffalo	35.1%	58.1%	91.7%	89.7%	77.8%
14102	Marilla	31.1%	54.6%	82.4%	95.1%	78.0%
14139	South Wales	33.7%	91.0%	67.9%	100.0%	79.2%
14057	Eden	42.4%	86.9%	70.1%	100.0%	79.9%
14216	Buffalo	43.2%	67.6%	83.2%	100.0%	80.2%
14043	Depew	39.6%	68.1%	81.1%	93.4%	80.8%
14209	Buffalo	30.1%	71.3%	81.9%	100.0%	81.1%
14225	Cheektowaga	40.2%	64.0%	90.3%	92.1%	82.2%
14214	Buffalo	39.0%	75.2%	85.4%	92.5%	82.2%
14220	Buffalo	39.7%	71.9%	82.8%	98.0%	82.3%
14212	Buffalo	36.4%	77.2%	84.3%	84.7%	82.3%
14052	East Aurora	58.5%	82.3%	75.7%	100.0%	83.1%
14150	Tonawanda	42.0%	75.9%	82.2%	94.0%	83.7%

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	48.3%	73.0%	78.7%	100.0%	83.8%
14217	Kenmore	49.8%	87.1%	79.5%	90.8%	84.1%
14224	West Seneca	45.9%	76.7%	79.4%	99.6%	84.2%
14201	Buffalo	28.8%	81.5%	82.1%	98.3%	84.3%
14227	Cheektowaga	50.1%	71.7%	82.1%	100.0%	85.0%
14213	Buffalo	30.2%	78.0%	89.9%	93.4%	85.3%
14032	Clarence Center	51.2%	99.7%	78.7%	100.0%	85.9%
14169	Wales Center	62.1%	n/a	78.9%	100.0%	86.0%
14202	Buffalo	37.3%	66.4%	100.0%	100.0%	86.0%
14228	Amherst (Getzville)	50.8%	77.9%	90.2%	94.7%	86.3%
14075	Hamburg	49.2%	87.9%	80.3%	100.0%	87.1%
14072	Grand Island	48.2%	90.3%	82.3%	100.0%	88.0%
14051	East Amherst	60.2%	100.0%	81.4%	100.0%	88.4%
14226	Amherst (Snyder/Eggertsville)	50.1%	85.2%	87.1%	100.0%	89.3%
14223	Tonawanda	42.7%	84.8%	87.7%	100.0%	89.9%
14086	Lancaster	52.6%	91.5%	87.0%	100.0%	90.8%
14127	Orchard Park	55.6%	100.0%	83.7%	100.0%	91.0%
14026	Bowmansville	100.0%	100.0%	87.4%	100.0%	92.2%
14221	Amherst/Williamsville/Clarenc	59.2%	100.0%	87.7%	95.7%	92.5%
14033	Colden	54.1%	100.0%	93.8%	95.9%	95.0%
14085	Lake View	55.8%	88.8%	99.3%	95.5%	96.2%
14068	Getzville	68.0%	100.0%	99.6%	92.5%	96.8%
14134	Sardinia	40.0%	100.0%	100.0%	100.0%	100.0%
14203	Buffalo	52.0%	100.0%	100.0%	100.0%	100.0%
Total		41.7%	73.1%	80.8%	95.1%	82.0%

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 2022*)

Age Group	Jan
<40	6
40 to 49	7
50 to 59	14
60 to 69	43
70 to 79	46
80+	69
Total # of Deaths	185
Ave. Death Age	74

Table 6

Erie County COVID-19 Deaths by Residence*

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	684	26.5%	29.2%
Erie County Excl. Buffalo	1,897	73.5%	70.8%
All of Erie County	2,530	100.0%	100.0%

*Population Source: Prepared from 2020 Census Bureau

*As of 1/27/2022; these charts are based on the most recent information available.