



**Erie County
Department of
Health**



Public Health
Prevent. Promote. Protect.

COVID-19 Data Update

Week ending January 22, 2022

All data are provisional.

Erie County COVID-19 Case Data

8,431 new COVID-19 cases were recorded for the week ending Jan. 22. This is a 47% decline compared to the previous week (16,102) – second consecutive week of decline.

Weekly positivity rate was 17.1%, down from 23.5% and 24.8% the previous weeks.

Case rates and positivity rates have also decreased, but they are still very high.

Overall diagnostic tests totaled 49,258, down from 68,513 the previous week.

7-day case rate per 100,000 persons was 883.5, down from 1687.4 the previous week.

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

Buffalo City cases comprised ~32% of new cases this past week (Buffalo City population is 29.2% of all Erie County residents).

Highest 7-day case rates per 100,000 persons were experienced in Southtowns ZIP codes: 14081, 14034, 14011, 14006 and 14007.

The 30-39 age group had the most crude cases (1,562 cases). See Figure 2.

Erie County COVID-19 Hospitalization Data: NYSDOH publishes updated hospitalization data by region:

<https://coronavirus.health.ny.gov/daily-hospitalization-summary> See Figure 4a.

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 20, 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 22, 2022)

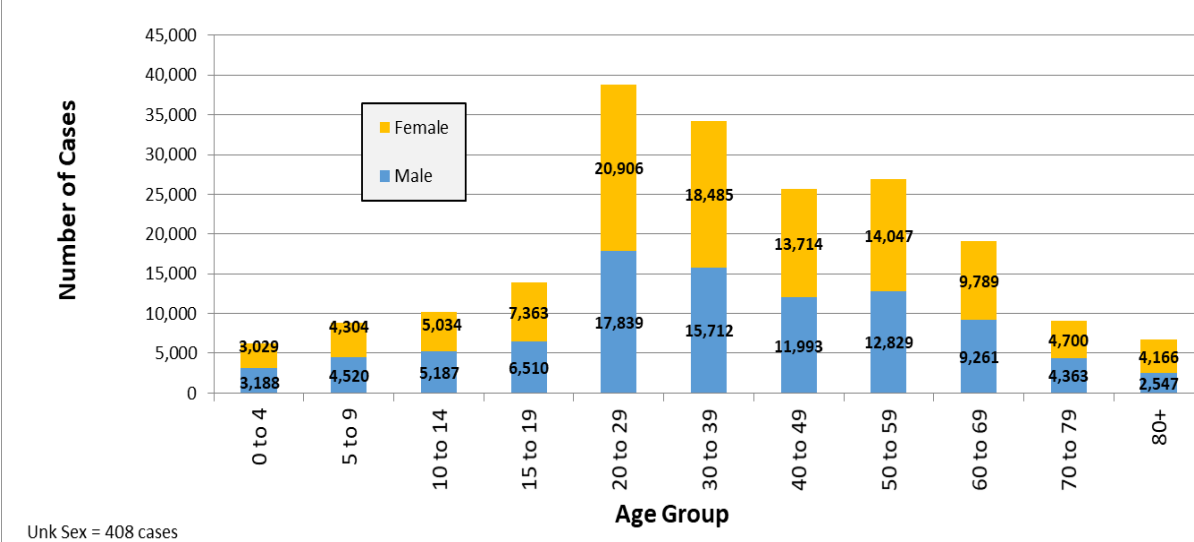


Figure 2

Confirmed COVID-19 Cases by Age Group (January 16-22, 2022)

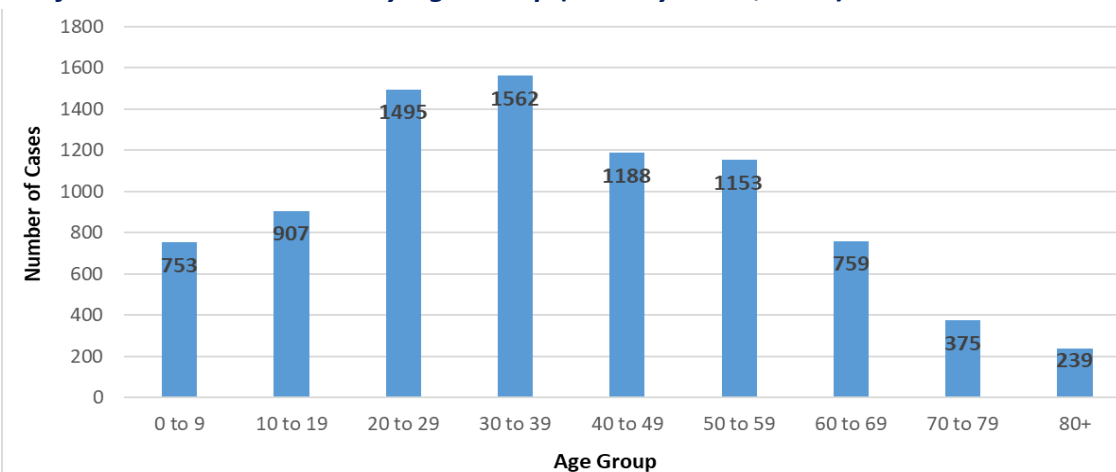


Table 1

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*
12/18/2021	3,472	363.9
12/25/2021	5,108	535.3
1/1/2022	13,460	1410.6
1/8/2022	19,318	2024.4
1/15/2022	16,102	1687.4
1/22/2022	8,431	883.5

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	464	53,555	123.8	866.4
14075	Hamburg	404	41,937	137.6	963.3
14150	Tonawanda	375	41,676	128.5	899.8
14224	West Seneca	374	39,889	133.9	937.6
14215	Buffalo (East)	363	39,999	129.6	907.5
14225	Cheektowaga	346	33,385	148.1	1036.4
14086	Lancaster	291	31,847	130.5	913.7
14127	Orchard Park	272	29,961	129.7	907.8
14211	Buffalo/Cheektowaga	261	22,611	164.9	1154.3
14220	Buffalo (South)	258	24,227	152.1	1064.9
14226	Amherst (Snyder/Eggertsville)	231	29,267	112.8	789.3
14227	Cheektowaga	229	23,426	139.6	977.5
14213	Buffalo (West Side)	221	24,465	129.0	903.3
14043	Depew	218	24,742	125.9	881.1
14206	Buffalo (Kaisertown)	206	20,751	141.8	992.7
14207	Buffalo (Black Rock/Riverside)	200	23,552	121.3	849.2
14217	Kenmore	192	23,480	116.8	817.7
14218	Lackawanna	188	19,039	141.1	987.4
14223	Tonawanda	181	22,665	114.1	798.6
14210	Buffalo (South)	169	14,694	164.3	1150.1
14072	Grand Island	165	20,374	115.7	809.9
14228	Amherst (Getzville)	160	20,857	109.6	767.1
14216	Buffalo (North)	159	22,431	101.3	708.8
14006	Angola	137	9,858	198.5	1389.7
14219	Blasdell	134	11,536	165.9	1161.6
14201	Buffalo (Downtown)	131	11,549	162.0	1134.3
14214	Buffalo (University)	126	19,775	91.0	637.2
14052	Aurora	125	17,329	103.0	721.3
14212	Buffalo (Broadway)/Sloan	123	10,641	165.1	1155.9
14051	Amherst (East)	122	19,533	89.2	624.6
14204	Buffalo (East)	110	8,691	180.8	1265.7
14057	Eden	98	8,116	172.5	1207.5
14141	Springville	97	7,728	179.3	1255.2
14222	Buffalo (Elmwood Village)	96	14,046	97.6	683.5
14208	Buffalo (east)	93	11,125	119.4	836.0
14004	Alden	90	12,704	101.2	708.4
14085	Hamburg (Lake View)	85	7,353	165.1	1156.0
14047	Derby	83	6,440	184.1	1288.8
14081	Irving	77	3,095	355.4	2487.9
14209	Buffalo (Delaware)	66	7,926	119.0	832.7
					2

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
14070	Gowanda	64	6,732	135.8	950.7
14001	Akron	62	9,464	93.6	655.1
14031	Clarence	61	9,392	92.8	649.5
14032	Clarence (North)	52	7,989	93.0	650.9
14059	Elma	52	8,933	83.2	582.1
14034	Collins	51	2,742	265.7	1860.0
14111	North Collins	48	3,352	204.6	1432.0
14202	Buffalo (Downtown)	47	3,911	171.7	1201.7
14068	Amherst (Getzville)	42	7,150	83.9	587.4
14091	Lawtons	37	1,079	489.9	3429.1
14203	Buffalo	30	1,618	264.9	1854.1
14033	Colden	24	2,219	154.5	1081.6
14170	West Falls	24	2,286	150.0	1049.9
14080	Holland	19	4,330	62.7	438.8
14139	Wales	19	2,125	127.7	894.1
14025	Boston	14	3,039	x	x
14030	Chaffee	9	1,807	x	x
14026	Bowmansville	8	674	x	x
14055	East Concord	8	1,405	x	x
14102	Marilla	8	1,281	x	x
14069	Glenwood	5	844	x	x
14231	Buffalo	*	n/a	x	x
14260-142	Amherst (UB)	*	10,300	x	x
All Erie County†		8,431	954,236	126.2	883.5

**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 = 900+

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

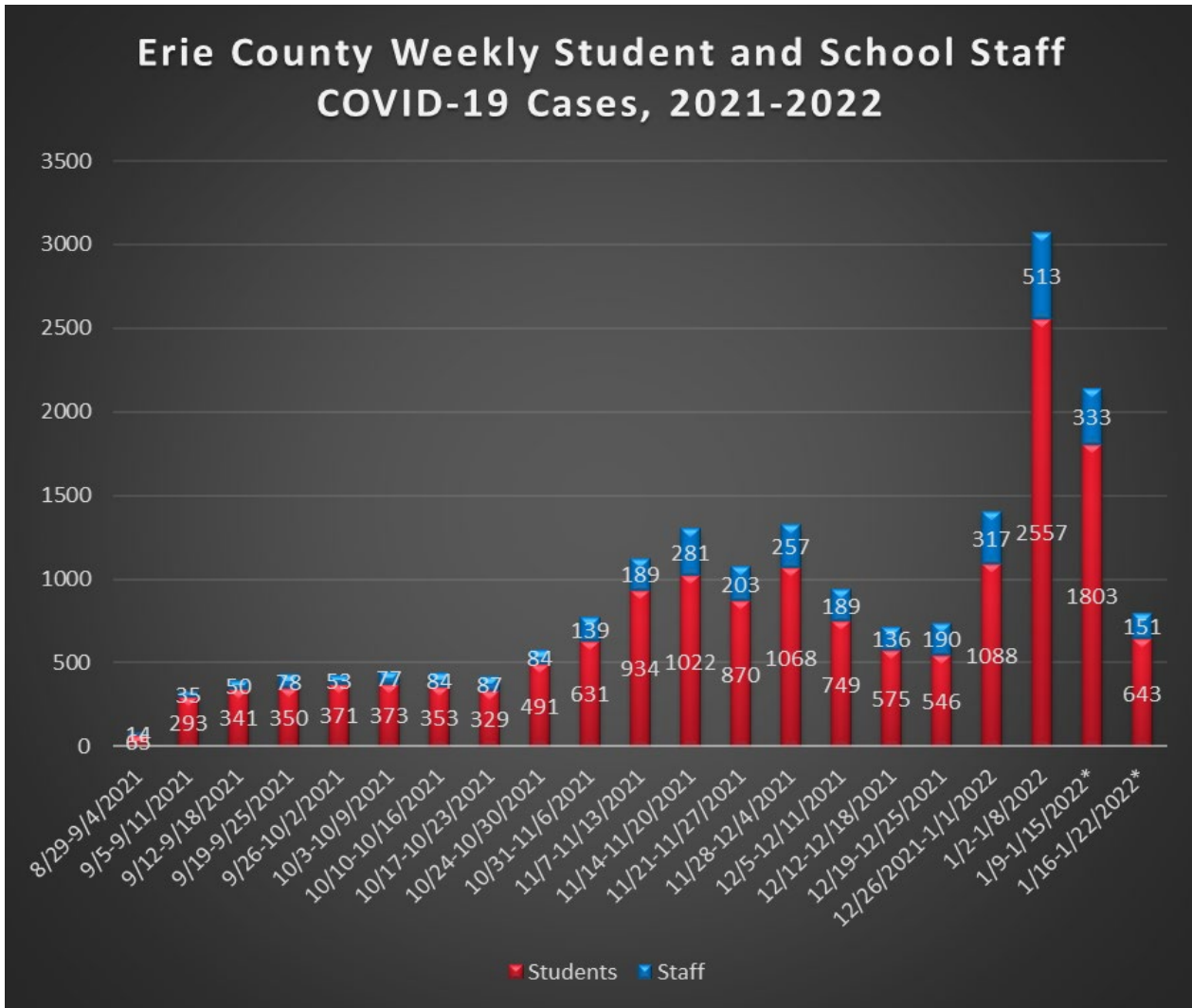


Figure 4a

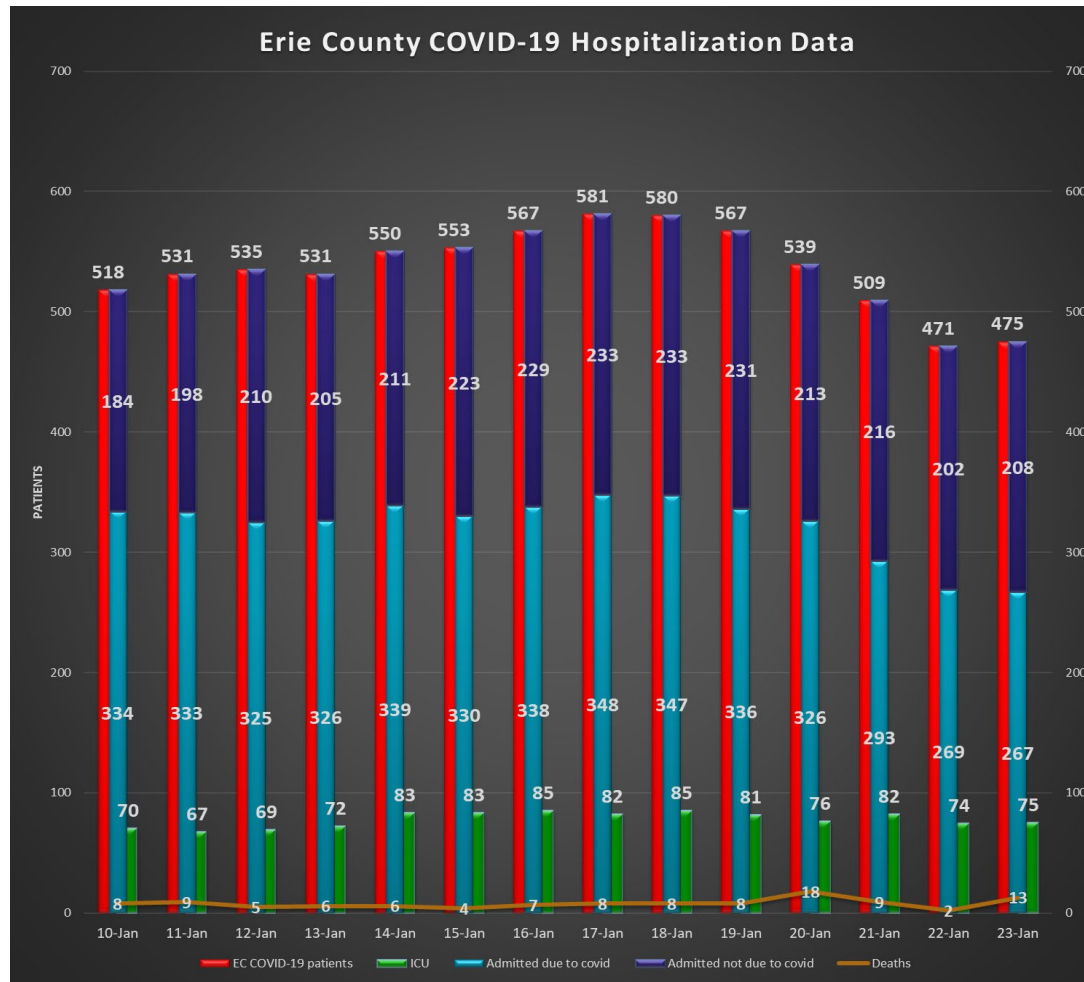
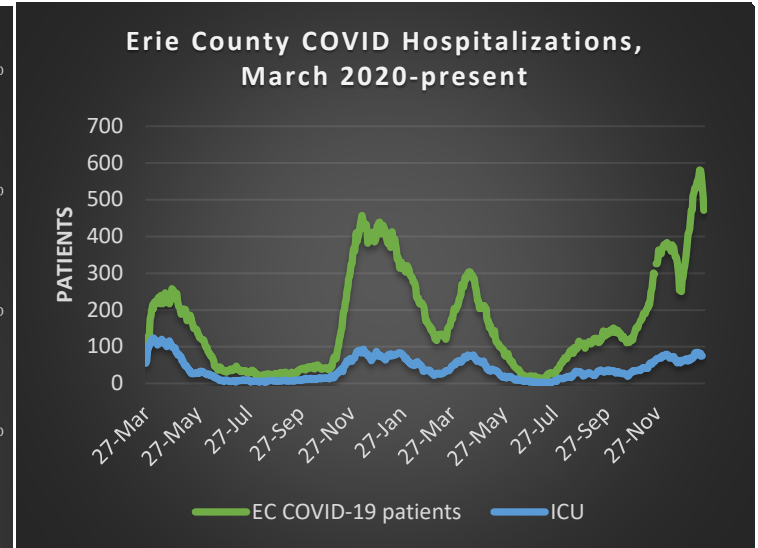


Figure 4b



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 24, 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%	29.0%	34.3%	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	27.0%	30.2%	45.8%	75.7%	47.5%
14035	Collins Center	9.8%	100.0%	37.2%	100.0%	50.0%
14030	Chaffee	19.3%	51.0%	51.3%	81.6%	58.1%
14170	West Falls	29.1%	73.7%	48.6%	100.0%	60.5%
14111	North Collins	28.9%	54.3%	60.9%	100.0%	65.3%
14004	Alden	27.4%	52.6%	62.5%	84.1%	65.6%
14055	East Concord	29.6%	63.2%	58.3%	100.0%	67.3%
14025	Boston	33.1%	83.7%	63.0%	69.3%	68.0%
14080	Holland	28.9%	56.8%	61.4%	96.0%	68.3%
14210	Buffalo	33.0%	55.0%	73.4%	84.7%	68.8%
14206	Buffalo	33.5%	60.3%	73.3%	79.1%	70.9%
14208	Buffalo	29.8%	56.6%	83.9%	70.6%	71.0%
14001	Akron	35.4%	59.2%	66.0%	100.0%	72.7%
14222	Buffalo (Elmwood Village)	33.7%	58.1%	89.5%	80.2%	72.8%
14215	Buffalo	29.6%	59.2%	76.4%	100.0%	74.1%
14219	Blasdell	34.8%	59.6%	72.6%	96.8%	74.1%
14047	Derby	34.8%	65.3%	68.9%	100.0%	75.3%
14211	Buffalo	36.4%	67.3%	77.1%	85.5%	75.5%
14091	Lawtons	39.8%	42.9%	86.3%	89.6%	75.5%
14204	Buffalo	29.3%	69.2%	74.1%	89.1%	75.7%
14006	Angola	32.1%	66.6%	74.2%	85.9%	76.1%
14069	Glenwood	34.5%	80.6%	68.9%	89.2%	76.2%
14218	Lackawanna	26.8%	59.1%	78.4%	95.9%	76.6%
14141	Springville	31.9%	70.7%	69.9%	96.2%	76.8%
14059	Elma	34.9%	68.4%	73.3%	88.7%	77.0%
14207	Buffalo	34.4%	57.6%	91.3%	89.6%	77.4%
14102	Marilla	30.4%	55.0%	82.2%	95.1%	78.0%
14139	South Wales	33.7%	91.0%	67.8%	100.0%	79.1%
14057	Eden	41.9%	86.8%	70.1%	100.0%	79.9%
14216	Buffalo	43.1%	67.2%	83.0%	100.0%	79.9%
14043	Depew	39.2%	68.0%	81.0%	93.4%	80.7%
14214	Buffalo	38.2%	72.2%	85.1%	92.4%	80.9%
14209	Buffalo	29.8%	71.1%	81.7%	100.0%	80.9%
14212	Buffalo	35.3%	76.3%	83.9%	84.6%	81.8%
14225	Cheektowaga	39.8%	63.7%	90.1%	92.1%	82.0%
14220	Buffalo	38.9%	71.5%	82.7%	98.0%	82.1%
14052	East Aurora	58.5%	82.3%	75.6%	100.0%	83.1%
14150	Tonawanda	41.5%	75.7%	82.0%	93.9%	83.6%

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	48.2%	72.9%	78.6%	100.0%	83.8%
14201	Buffalo	28.7%	80.9%	82.0%	98.2%	84.0%
14224	West Seneca	45.3%	76.5%	79.2%	99.5%	84.0%
14217	Kenmore	49.3%	87.0%	79.4%	90.8%	84.1%
14227	Cheektowaga	49.5%	71.7%	82.0%	100.0%	84.9%
14213	Buffalo	29.8%	77.6%	89.8%	93.3%	85.1%
14228	Amherst (Getzville)	49.4%	76.0%	89.8%	94.7%	85.4%
14202	Buffalo	36.6%	65.7%	100.0%	100.0%	85.8%
14032	Clarence Center	51.0%	100.0%	78.8%	100.0%	86.0%
14169	Wales Center	62.1%	n/a	78.9%	100.0%	86.0%
14075	Hamburg	48.9%	87.8%	80.2%	100.0%	87.0%
14072	Grand Island	47.9%	90.1%	82.1%	100.0%	87.8%
14051	East Amherst	59.6%	100.0%	81.2%	100.0%	88.3%
14226	Amherst (Snyder/Eggertsville)	49.6%	83.6%	87.1%	100.0%	88.8%
14223	Tonawanda	42.4%	84.5%	87.7%	100.0%	89.8%
14086	Lancaster	52.3%	91.2%	86.9%	100.0%	90.7%
14127	Orchard Park	55.3%	100.0%	83.7%	100.0%	91.1%
14026	Bowmansville	100.0%	100.0%	87.1%	100.0%	92.0%
14221	Amherst/Williamsville/Clarenc	58.8%	100.0%	87.6%	95.7%	92.5%
14033	Colden	54.1%	100.0%	93.6%	95.5%	94.8%
14085	Lake View	55.5%	88.7%	99.1%	95.4%	96.0%
14068	Getzville	65.9%	100.0%	99.5%	92.5%	96.7%
14134	Sardinia	40.0%	100.0%	100.0%	100.0%	100.0%
14203	Buffalo	48.6%	100.0%	100.0%	100.0%	100.0%
Total		41.2%	72.6%	80.7%	95.1%	81.8%

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	6
40 to 49	6
50 to 59	10
60 to 69	36
70 to 79	28
80+	48
Total # of Deaths	134
Ave. Death Age	72

Table 6

Erie County COVID-19 Deaths by Residence*

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	665	26.3%	29.2%
Erie County Excl. Buffalo	1,865	73.7%	70.8%
All of Erie County	2,530	100.0%	100.0%

*Population Source: Prepared from 2020 Census Bureau

*As of 1/20/2022; these charts are based on the most recent information available.