



**Erie County
Department of
Health**



Public Health
Prevent. Promote. Protect.

COVID-19 Data Update

Week ending January 1, 2022

All data are provisional.

Erie County COVID-19 Case Data

Confirmed COVID-19 cases increased by ~160% from previous week to 13,460 cases.

A record number of COVID-19 tests were reported (~67,200).

20-39-year-olds are driving this surge; these age groups accounted for 43% of all cases reported this period.

30-39 year old age group had the highest 7-day case rate per 100,000 persons (2,704 per 100,000 persons)

Weekly positivity for week ending 1/1/2022 = 20%, up from 10.4% the previous week.

Erie County COVID-19 Hospitalizations

COVID-19 patients on January 2: Erie Co. hospitals had 378 patients (up 26); 62 (down 2) in the ICU; 42 (down 3) on an airway assist. Four died and 52% of the patients were aged 64 and under.

231 COVID-19 patients (61%) were not fully vaccinated; 41 (66%) of 63 ICU patients were not fully vaccinated; and, 26 (62%) of 42 patients with an airway assist were not fully vaccinated.

Erie County COVID-19 Mortality Data

COVID-19 mortality data for the last reporting periods will be delayed due to the Christmas and New Year's holidays, and volume of COVID-19 cases that the Office of Epidemiology is managing. The New York State Department of Health maintains COVID-19 fatality data at <https://coronavirus.health.ny.gov/fatalities-0>.

CONTENTS

Section 1: COVID-19 Case Data

Figure 1: Confirmed COVID-19 Cases by Age Group and Gender Page 1

Figure 2: Confirmed COVID-19 Cases by Age Group and Gender Page 1

Table 1: New COVID-19 Cases in the Past Seven Days Page 1

Table 2: Confirmed COVID-19 Cases by ZIP Code Page 2

Figure 3: Erie County COVID-19 Hospitalizations Page 4

Section 2: COVID-19 Vaccination Data

Table 3: Erie County COVID-19 Vaccination Rates by Age and ZIP Code Page 5

Section 3: COVID-19 Mortality Data

Table 4: Erie County COVID-19 Deaths By Age Group Page 7

Table 5: Erie County COVID-19 Deaths by Residence Page 7

Section 1: Confirmed COVID-19 Cases

Figure 1

Confirmed COVID-19 Cases by Age Group and Gender (March 2020 - January 1, 2022)

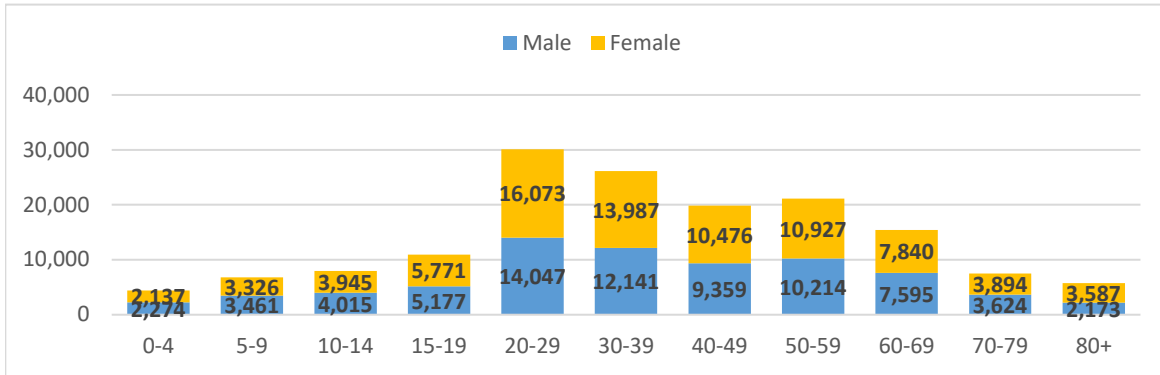


Figure 2

Confirmed COVID-19 Cases by Age Group and Gender (December 25, 2021 - January 1, 2022)

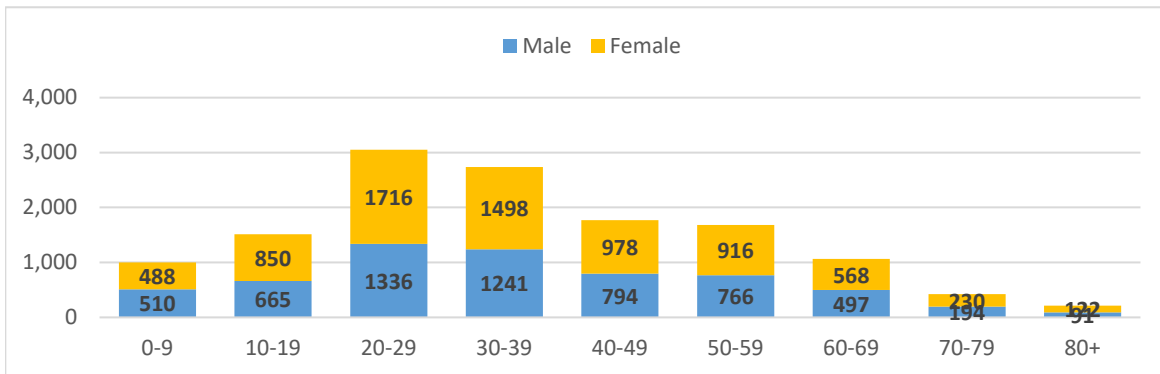


Table 1

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*
11/27/2021	4,271	447.6
12/4/2021	5,537	580.3
12/11/2021	4,345	455.3
12/18/2021	3,472	363.9
12/25/2021	5,108	535.3
1/1/2022	13,460	1410.6

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	812	53,555	216.6	1516.2
14215	Buffalo (East)	787	39,999	281.1	1967.5
14224	West Seneca	683	39,889	244.6	1712.3
14150	Tonawanda	626	41,676	214.6	1502.1
14075	Hamburg	590	41,937	201.0	1406.9
14086	Lancaster	546	31,847	244.9	1714.4
14225	Cheektowaga	542	33,385	231.9	1623.5
14226	Amherst (Snyder/Eggertsville)	494	29,267	241.1	1687.9
14127	Orchard Park	470	29,961	224.1	1568.7
14216	Buffalo (North)	437	22,431	278.3	1948.2
14217	Kenmore	385	23,480	234.2	1639.7
14223	Tonawanda	378	22,665	238.3	1667.8
14211	Buffalo/Cheektowaga	359	22,611	226.8	1587.7
14220	Buffalo (South)	353	24,227	208.2	1457.1
14228	Amherst (Getzville)	330	20,857	226.0	1582.2
14214	Buffalo (University)	304	19,775	219.6	1537.3
14051	Amherst (East)	303	19,533	221.6	1551.2
14072	Grand Island	303	20,374	212.5	1487.2
14207	Buffalo (Black Rock/Riverside)	293	23,552	177.7	1244.1
14043	Depew	286	24,742	165.1	1155.9
14213	Buffalo (West Side)	282	24,465	164.7	1152.7
14227	Cheektowaga	281	23,426	171.4	1199.5
14052	Aurora	267	17,329	220.1	1540.8
14206	Buffalo (Kaisertown)	236	20,751	162.5	1137.3
14218	Lackawanna	215	19,039	161.3	1129.3
14222	Buffalo (Elmwood Village)	202	14,046	205.4	1438.1
14210	Buffalo (South)	178	14,694	173.1	1211.4
14204	Buffalo (East)	169	8,691	277.8	1944.5
14208	Buffalo (east)	169	11,125	217.0	1519.1
14201	Buffalo (Downtown)	156	11,549	193.0	1350.8
14219	Blasdell	155	11,536	191.9	1343.6
14212	Buffalo (Broadway)/Sloan	144	10,641	193.3	1353.3
14032	Clarence (North)	136	7,989	243.2	1702.3
14085	Hamburg (Lake View)	131	7,353	254.5	1781.6
14209	Buffalo (Delaware)	131	7,926	236.1	1652.8
14004	Alden	123	12,704	138.3	968.2
14059	Elma	119	8,933	190.3	1332.1
14031	Clarence	115	9,392	174.9	1224.4
14001	Akron	112	9,464	169.1	1183.4
14006	Angola	106	9,858	153.6	1075.3
14068	Amherst (Getzville)	88	7,150	175.8	1230.8

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	81	8,116	142.6	998.0
14047	Derby	73	6,440	161.9	1133.5
14141	Springville	73	7,728	134.9	944.6
14202	Buffalo (Downtown)	64	3,911	233.8	1636.4
14203	Buffalo	51	1,618	450.3	3152.0
14080	Holland	47	4,330	155.1	1085.5
14070	Gowanda	41	6,732	87.0	609.0
14033	Colden	30	2,219	193.1	1352.0
14025	Boston	27	3,039	126.9	888.5
14111	North Collins	21	3,352	89.5	626.5
14139	Wales	19	2,125	127.7	894.1
14102	Marilla	17	1,281	189.6	1327.1
14030	Chaffee	16	1,807	126.5	885.4
14034	Collins	16	2,742	83.4	583.5
14170	West Falls	16	2,286	100.0	699.9
14026	Bowmansville	12	674	x	x
14091	Lawtons	10	1,079	x	x
14081	Irving	9	3,095	x	x
14069	Glenwood	8	844	x	x
14055	East Concord	7	1,405	x	x
14260-142	Amherst (UB)	6	10,300	x	x
14231	Buffalo	*	n/a	x	x
	All Erie County†	13,460	954,236	201.5	1410.6

**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 = 1400+

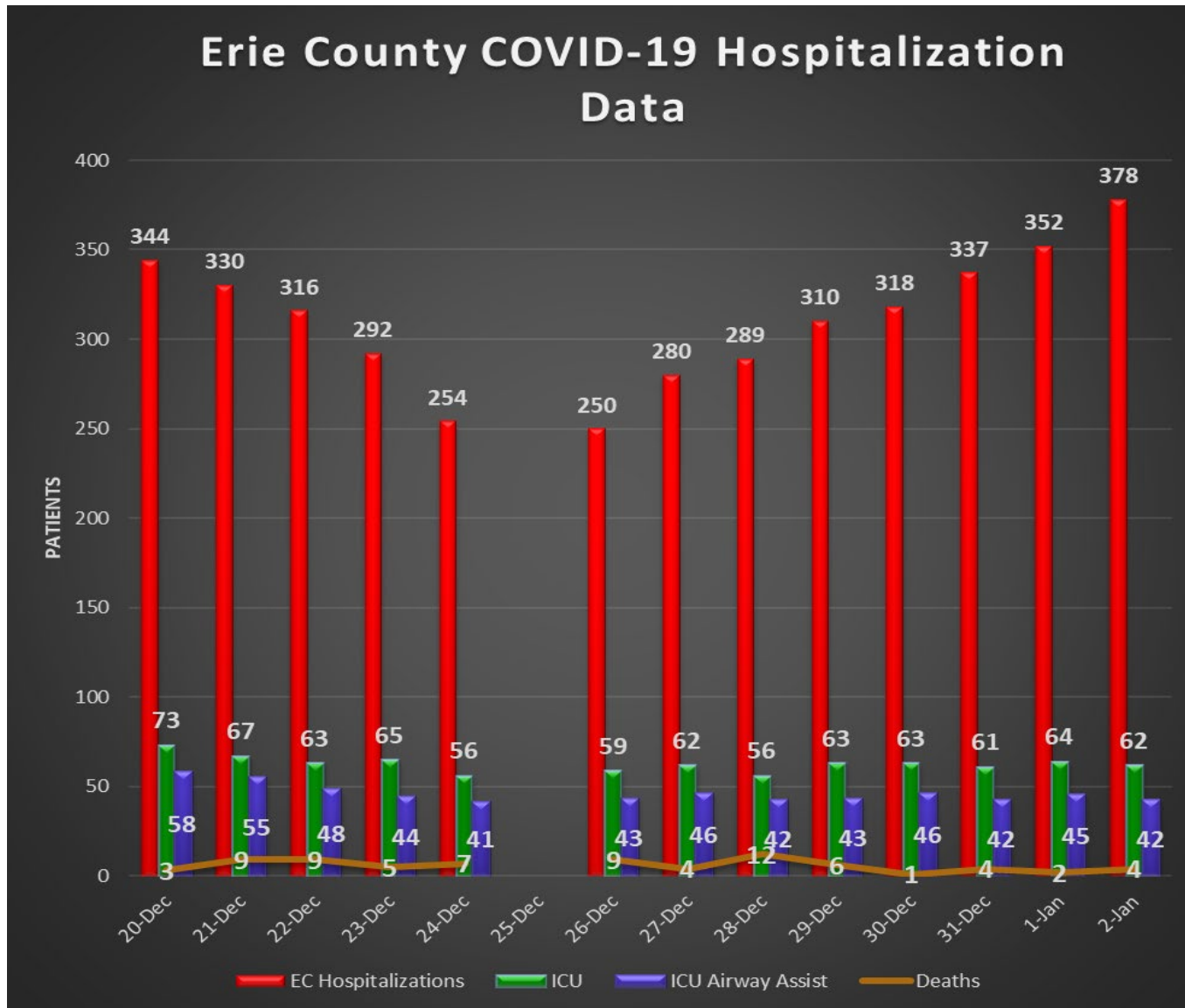
Buffalo and Erie County from 2010 (U.S. Census Redistricting Data, PL 94-171) Summary File

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



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 3, 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	35.0%	29.0%	33.8%	89.1%	40.5%
14061	Farnham	6.5%	19.0%	45.1%	100.0%	41.7%
14112	North Evans	n/a	33.3%	n/a	48.3%	41.9%
14070	Gowanda	24.4%	29.3%	44.7%	75.3%	46.7%
14035	Collins Center	9.8%	100.0%	39.5%	100.0%	51.9%
14030	Chaffee	17.8%	51.9%	50.6%	81.0%	57.8%
14170	West Falls	27.9%	71.7%	48.4%	100.0%	60.1%
14111	North Collins	28.2%	54.2%	60.1%	100.0%	64.8%
14004	Alden	25.5%	51.3%	61.6%	84.1%	64.9%
14055	East Concord	27.6%	61.1%	58.5%	100.0%	67.0%
14025	Boston	31.9%	81.2%	62.4%	69.1%	67.2%
14080	Holland	27.4%	55.3%	60.7%	96.0%	67.6%
14210	Buffalo	30.7%	53.6%	72.4%	84.2%	67.8%
14208	Buffalo	26.8%	54.1%	82.5%	70.2%	69.5%
14206	Buffalo	29.8%	58.9%	72.3%	79.0%	70.0%
14001	Akron	33.8%	58.9%	65.2%	99.6%	72.0%
14222	Buffalo (Elmwood Village)	32.8%	57.2%	89.0%	79.9%	72.1%
14215	Buffalo	26.3%	56.9%	75.0%	100.0%	72.6%
14211	Buffalo	32.6%	64.6%	75.2%	84.7%	73.5%
14219	Blasdell	32.8%	58.6%	72.6%	96.9%	73.8%
14204	Buffalo	25.5%	67.0%	72.8%	88.7%	74.3%
14047	Derby	33.0%	63.0%	68.4%	100.0%	74.5%
14091	Lawtons	36.4%	42.9%	85.3%	90.1%	75.2%
14218	Lackawanna	24.4%	57.1%	77.2%	95.4%	75.3%
14006	Angola	29.9%	65.6%	73.5%	85.3%	75.4%
14069	Glenwood	33.8%	80.6%	68.9%	87.5%	75.7%
14141	Springville	30.6%	69.5%	69.2%	96.1%	76.2%
14207	Buffalo	31.0%	55.9%	90.3%	89.2%	76.2%
14059	Elma	33.6%	68.0%	73.2%	88.5%	76.9%
14102	Marilla	29.1%	53.8%	81.1%	94.6%	77.1%
14214	Buffalo	35.7%	67.1%	84.4%	92.0%	78.3%
14139	South Wales	33.3%	90.2%	67.2%	100.0%	78.6%
14057	Eden	40.8%	86.1%	69.0%	100.0%	79.1%
14216	Buffalo	41.2%	66.2%	82.5%	100.0%	79.3%
14209	Buffalo	28.3%	68.8%	80.7%	100.0%	79.6%
14043	Depew	36.7%	66.8%	80.1%	93.2%	79.9%
14212	Buffalo	31.5%	73.4%	82.2%	84.4%	80.0%
14225	Cheektowaga	36.7%	62.7%	89.2%	91.7%	81.1%
14220	Buffalo	36.3%	70.3%	82.0%	97.5%	81.3%
14201	Buffalo	26.0%	78.6%	81.3%	97.4%	82.7%
14150	Tonawanda	38.4%	74.4%	81.2%	93.7%	82.8%

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
14052	East Aurora	56.5%	81.6%	75.5%	100.0%	82.9%
14217	Kenmore	47.8%	85.1%	79.0%	90.8%	83.4%
14031	Clarence	45.6%	71.4%	78.4%	100.0%	83.4%
14224	West Seneca	42.9%	75.5%	78.6%	99.4%	83.5%
14228	Amherst (Getzville)	45.4%	73.3%	89.1%	94.2%	84.0%
14227	Cheektowaga	46.5%	69.9%	81.3%	100.0%	84.2%
14213	Buffalo	27.3%	76.0%	89.4%	92.8%	84.2%
14202	Buffalo	35.4%	64.5%	100.0%	100.0%	85.3%
14032	Clarence Center	49.0%	98.6%	78.6%	100.0%	85.6%
14169	Wales Center	58.6%	n/a	78.9%	100.0%	86.0%
14075	Hamburg	46.7%	86.6%	79.6%	100.0%	86.4%
14072	Grand Island	45.7%	88.1%	81.4%	100.0%	87.1%
14226	Amherst (Snyder/Eggertsvill	47.1%	80.3%	86.4%	99.7%	87.4%
14051	East Amherst	56.9%	100.0%	80.5%	100.0%	87.9%
14223	Tonawanda	40.2%	82.8%	87.5%	100.0%	89.2%
14086	Lancaster	50.6%	90.2%	86.3%	100.0%	90.2%
14127	Orchard Park	52.8%	100.0%	83.3%	100.0%	90.8%
14026	Bowmansville	100.0%	100.0%	86.4%	100.0%	91.7%
14221	Amherst/Williamsville/Clarer	56.1%	100.0%	87.0%	95.3%	92.0%
14033	Colden	52.2%	100.0%	92.3%	95.5%	94.0%
14085	Lake View	52.3%	87.1%	98.7%	94.8%	95.4%
14068	Getzville	62.4%	100.0%	99.0%	92.5%	96.5%
14134	Sardinia	40.0%	100.0%	100.0%	100.0%	100.0%
14203	Buffalo	43.6%	100.0%	100.0%	100.0%	100.0%
Total		38.7%	71.0%	80.0%	94.9%	80.9%

Section 3: COVID-19 Mortality Data

Updated data not available due to holiday reporting. Will resume next week.

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	2	24
40 to 49	4	3	1	8	2	0	1	1	1	0	3	3	27
50 to 59	8	11	5	7	5	4	1	6	4	11	12	8	82
60 to 69	31	22	6	24	11	5	1	6	11	15	14	22	168
70 to 79	60	34	16	30	21	4	7	10	15	14	24	19	254
80+	163	62	29	27	24	5	1	17	24	38	40	28	458
Total # of Deaths	269	136	57	100	65	18	12	41	55	81	97	82	1,013
Ave. Death Age	81	76	77	71	74	70	70	74	77	76	73	72	76

*As of 12/16/2021

Table 5

*Erie County COVID-19 Deaths by Residence**

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	587	25.6%	29.2%
Erie County Excl. Buffalo	1,702	74.4%	70.8%
All of Erie County	2,289	100.0%	100.0%

*Population Source: Prepared from 2020 Census Bureau

*As of 12/16/2021