



**Erie County  
Department of  
Health**



**Public Health**  
Prevent. Promote. Protect.

## COVID-19 Data Update

Week ending January 8, 2022

All data are provisional.

### Erie County COVID-19 Case Data

COVID-19 cases increased 43% from the previous week. 20-39-year-olds continue to contribute substantially to case volume, accounting for 41.3% of all cases reported last week.

19,243 COVID-19 cases were reported for the week ending January 8, 2022, up from 13,460 COVID-19 cases for the week ending January 1. Weekly reported cases have nearly quadrupled from the week ending Dec. 25, 2021, which had 5,108 COVID-19 cases.

The 7-day case rate per 100,000 persons was 2,017, up from 1,411 the previous week. Erie County remains in "high" COVID-19 transmission per CDC indicators.

COVID-19 cases among city of Buffalo residents comprised ~39% of cases last week; the city of Buffalo population is about ~29% of Erie County residents.

The ZIP codes 14203, 14020, 14215, 14211 and 14072 had the highest 7-day case rates last week.

~77,600 COVID-19 tests were reported last week, which is the highest reported total for Erie County ever.

The weekly positivity rate for last week was 24.8%, representing about one out of four people with reported test results. ECDOH data does not include at-home COVID-19 test results.

Positivity percentages increased in nearly every age group, with 14-17-year-olds and 18-22-year-olds having the highest percentages, with about 30% each.

Case totals for persons under age 18 years increased about 48% compared to the previous week, with 3,114 COVID-19 cases. 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:** From 12/21-12/28/2021, 49 deaths associated with COVID-19 were reported. 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 8, 2022)**

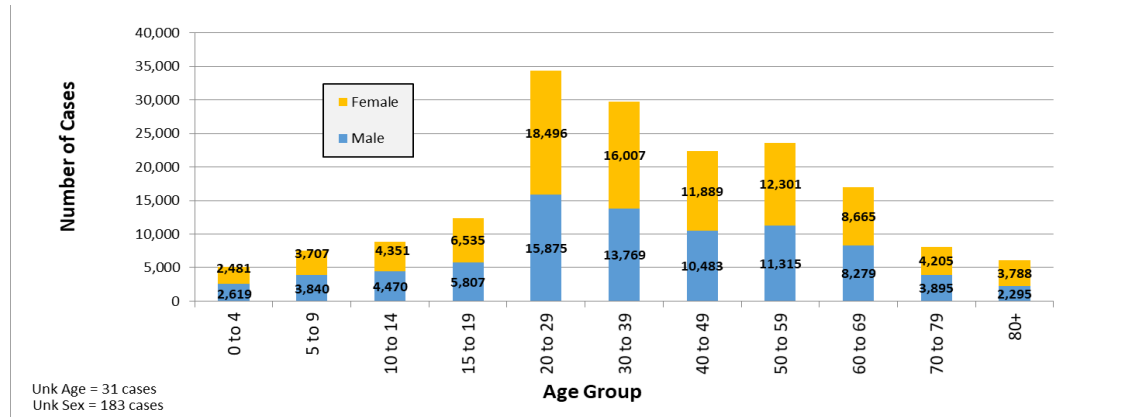


Figure 2

**Confirmed COVID-19 Cases by Age Group and Gender (January 2-8, 2022)**

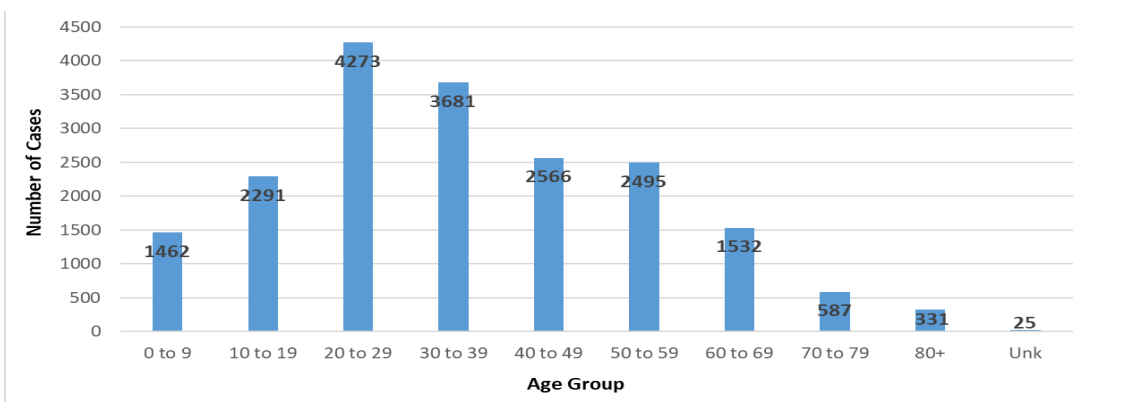


Table 1

**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*
12/4/2021	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
1/8/2022	19,243	2016.6

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 <sup>1</sup>	Total New Cases per 100,000 Persons in the Past 7 Days <sup>2</sup>
14215	Buffalo (East)	1084	39,999	387.2	2710.1
14221	Amherst/Williamsville/Clarence	1020	53,555	272.1	1904.6
14150	Tonawanda	923	41,676	316.4	2214.7
14224	West Seneca	878	39,889	314.4	2201.1
14075	Hamburg	862	41,937	293.6	2055.5
14225	Cheektowaga	799	33,385	341.9	2393.3
14086	Lancaster	652	31,847	292.5	2047.3
14226	Amherst (Snyder/Eggertsville)	642	29,267	313.4	2193.6
14127	Orchard Park	612	29,961	291.8	2042.7
14211	Buffalo/Cheektowaga	593	22,611	374.7	2622.6
14213	Buffalo (West Side)	564	24,465	329.3	2305.3
14207	Buffalo (Black Rock/Riverside)	559	23,552	339.1	2373.5
14223	Tonawanda	540	22,665	340.4	2382.5
14217	Kenmore	532	23,480	323.7	2265.8
14216	Buffalo (North)	520	22,431	331.2	2318.2
14220	Buffalo (South)	502	24,227	296.0	2072.1
14227	Cheektowaga	502	23,426	306.1	2142.9
14072	Grand Island	492	20,374	345.0	2414.8
14043	Depew	474	24,742	273.7	1915.8
14214	Buffalo (University)	425	19,775	307.0	2149.2
14206	Buffalo (Kaisertown)	420	20,751	289.1	2024.0
14228	Amherst (Getzville)	415	20,857	284.2	1989.7
14218	Lackawanna	399	19,039	299.4	2095.7
14051	Amherst (East)	360	19,533	263.3	1843.0
14052	Aurora	304	17,329	250.6	1754.3
14210	Buffalo (South)	268	14,694	260.6	1823.9
14201	Buffalo (Downtown)	265	11,549	327.8	2294.6
14208	Buffalo (east)	262	11,125	336.4	2355.1
14212	Buffalo (Broadway)/Sloan	250	10,641	335.6	2349.4
14219	Blasdell	233	11,536	288.5	2019.8
14222	Buffalo (Elmwood Village)	227	14,046	230.9	1616.1
14004	Alden	187	12,704	210.3	1472.0
14204	Buffalo (East)	187	8,691	307.4	2151.7
14032	Clarence (North)	185	7,989	330.8	2315.7
14209	Buffalo (Delaware)	175	7,926	315.4	2207.9
14085	Hamburg (Lake View)	165	7,353	320.6	2244.0
14031	Clarence	163	9,392	247.9	1735.5
14059	Elma	157	8,933	251.1	1757.5
14057	Eden	151	8,116	265.8	1860.5
14068	Amherst (Getzville)	149	7,150	297.7	2083.9

Zip Code	City	Cases	Zip Code Population**	New Daily Cases per 100,000 Persons on 7-Day Rolling Average <sup>1</sup>	Total New Cases per 100,000 Persons in the Past 7 Days <sup>2</sup>
14141	Springville	140	7,728	258.8	1811.6
14001	Akron	108	9,464	163.0	1141.2
14202	Buffalo (Downtown)	106	3,911	387.2	2710.3
14006	Angola	100	9,858	144.9	1014.4
14047	Derby	81	6,440	179.7	1257.8
14203	Buffalo	71	1,618	626.9	4388.1
14080	Holland	65	4,330	214.5	1501.2
14025	Boston	54	3,039	253.8	1776.9
14033	Colden	42	2,219	270.4	1892.7
14170	West Falls	42	2,286	262.5	1837.3
14111	North Collins	41	3,352	174.7	1223.2
14034	Collins	38	2,742	198.0	1385.8
14070	Gowanda	33	6,732	70.0	490.2
14055	East Concord	32	1,405	325.4	2277.6
14139	Wales	32	2,125	215.1	1505.9
14102	Marilla	29	1,281	323.4	2263.9
14081	Irving	24	3,095	110.8	775.4
14260-142	Amherst (UB)	21	10,300	29.1	203.9
14030	Chaffee	20	1,807	158.1	1106.8
14091	Lawtons	18	1,079	238.3	1668.2
14026	Bowmansville	14	674	x	x
14069	Glenwood	*	844	x	x
14231	Buffalo	*	n/a	x	x
	All Erie County <sup>†</sup>	19,243	954,236	288.1	2016.6

\*\*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 = 2,000+

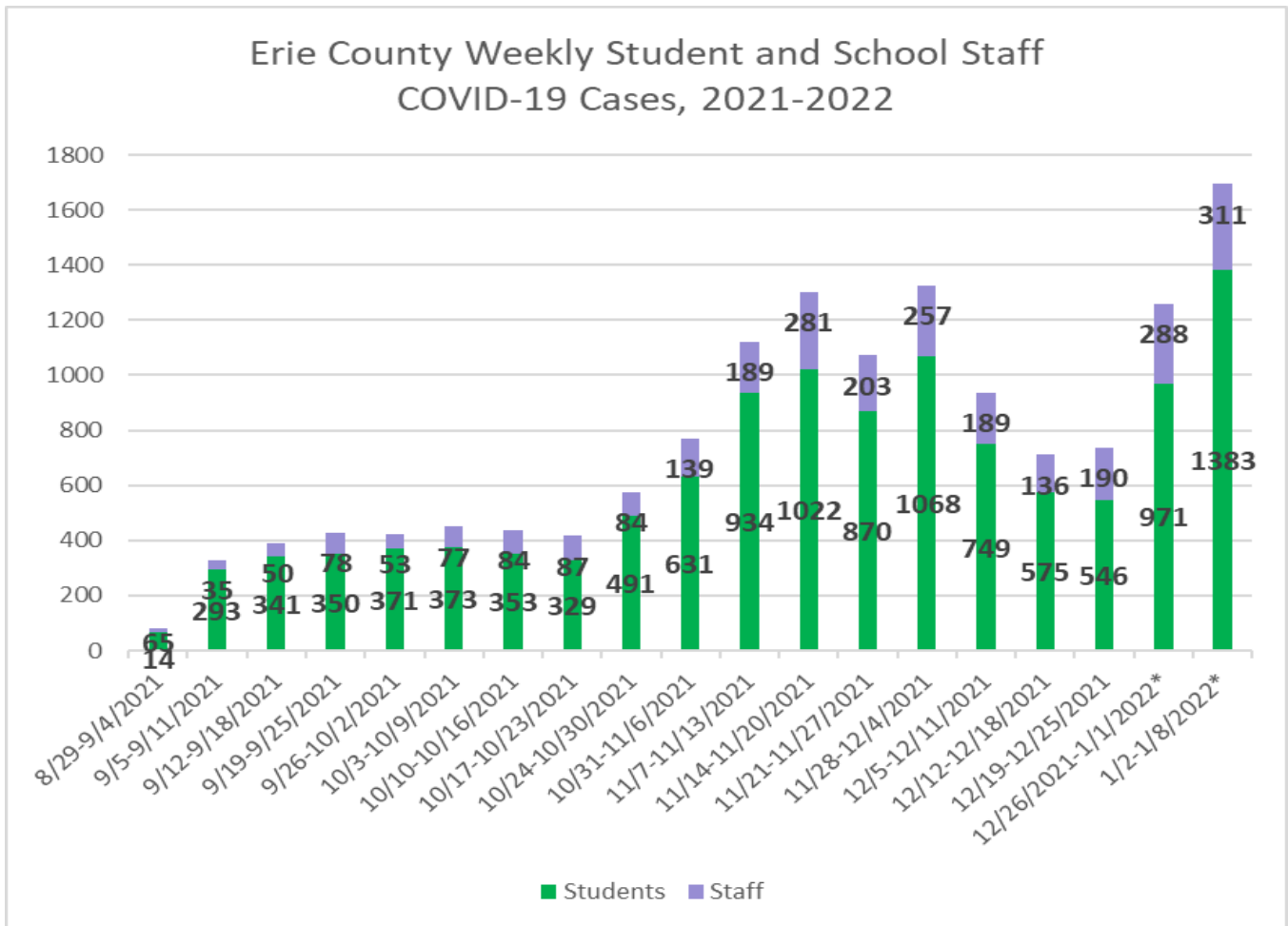
Buffalo and Erie County from 2010 (U.S. Census Redistricting Data, PL 94-171) Summary File

<sup>1</sup> Calculated by dividing total cases in past 7 days by 7, then dividing by ZIP code pop. & multiplying by 100,000

<sup>2</sup> 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

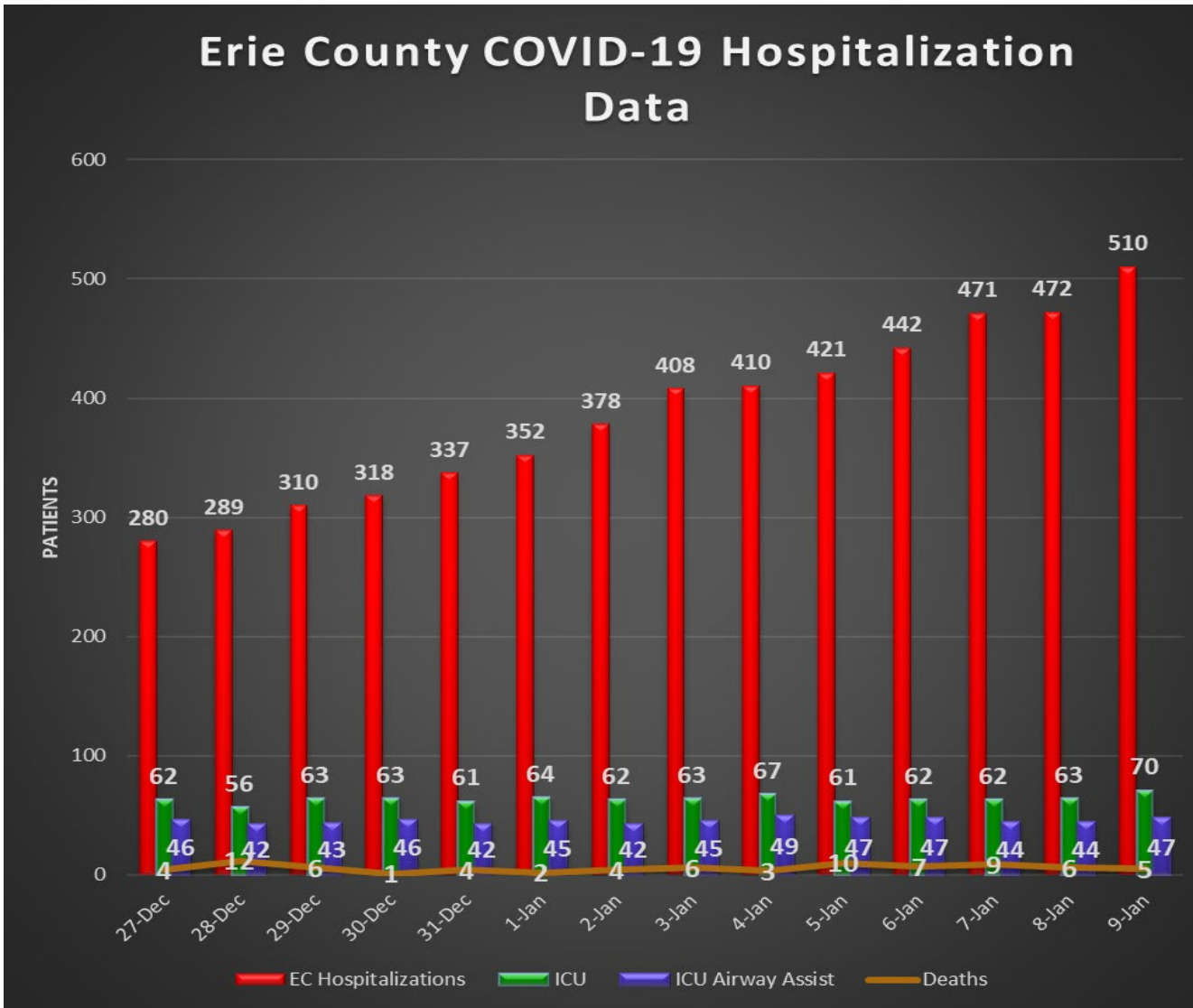
Figure 3: Erie County Weekly Student and School Staff COVID-19 Cases



\*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 11, 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%	34.0%	88.8%	40.6%
14112	North Evans	n/a	33.3%	n/a	48.3%	41.9%
14061	Farnham	6.5%	20.0%	46.4%	100.0%	42.8%
14070	Gowanda	25.4%	29.7%	45.1%	75.3%	47.0%
14035	Collins Center	9.8%	100.0%	39.5%	100.0%	51.9%
14030	Chaffee	18.7%	52.7%	51.3%	81.3%	58.4%
14170	West Falls	28.5%	72.8%	48.7%	100.0%	60.5%
14111	North Collins	28.6%	54.2%	60.2%	100.0%	64.9%
14004	Alden	26.2%	51.7%	62.0%	84.2%	65.2%
14055	East Concord	28.0%	61.7%	58.6%	100.0%	67.2%
14025	Boston	32.3%	82.6%	62.6%	69.1%	67.5%
14080	Holland	28.2%	55.7%	61.0%	96.3%	67.9%
14210	Buffalo	31.6%	53.9%	72.8%	84.1%	68.1%
14208	Buffalo	27.6%	54.5%	83.0%	70.1%	69.8%
14206	Buffalo	30.8%	59.2%	72.6%	79.1%	70.2%
14222	Buffalo (Elmwood Village)	33.0%	57.3%	89.4%	79.9%	72.3%
14001	Akron	34.3%	59.1%	65.5%	100.0%	72.4%
14215	Buffalo	27.6%	57.5%	75.6%	100.0%	73.1%
14219	Blasdell	33.9%	59.2%	72.5%	96.7%	73.9%
14211	Buffalo	33.6%	65.5%	75.9%	85.1%	74.2%
14047	Derby	33.7%	63.4%	68.6%	100.0%	74.7%
14204	Buffalo	26.3%	67.9%	73.3%	88.8%	74.8%
14091	Lawtons	37.6%	42.9%	86.0%	89.6%	75.4%
14006	Angola	30.8%	66.0%	73.7%	85.5%	75.6%
14069	Glenwood	35.2%	79.6%	68.9%	88.1%	75.7%
14218	Lackawanna	25.5%	57.9%	77.7%	95.6%	75.8%
14141	Springville	31.1%	70.1%	69.8%	96.3%	76.7%
14207	Buffalo	32.1%	56.4%	90.7%	89.6%	76.7%
14059	Elma	34.0%	68.2%	73.1%	88.6%	76.9%
14102	Marilla	29.4%	54.2%	81.6%	94.6%	77.4%
14214	Buffalo	36.4%	67.7%	84.7%	92.1%	78.7%
14139	South Wales	33.3%	91.0%	67.6%	100.0%	79.0%
14216	Buffalo	41.8%	66.5%	82.7%	100.0%	79.5%
14057	Eden	41.2%	86.5%	69.6%	100.0%	79.5%
14209	Buffalo	28.6%	69.5%	81.0%	100.0%	80.0%
14043	Depew	37.7%	67.4%	80.5%	93.2%	80.2%
14212	Buffalo	32.7%	74.3%	82.5%	84.5%	80.5%
14225	Cheektowaga	37.9%	63.0%	89.6%	91.8%	81.5%
14220	Buffalo	37.5%	70.9%	82.3%	97.7%	81.7%
14052	East Aurora	57.3%	81.8%	75.5%	100.0%	82.9%
14150	Tonawanda	39.4%	74.9%	81.5%	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	27.1%	79.3%	81.8%	97.7%	83.2%
14031	Clarence	46.8%	71.4%	78.3%	100.0%	83.4%
14217	Kenmore	48.2%	86.1%	79.1%	90.7%	83.7%
14224	West Seneca	44.0%	75.9%	79.0%	99.5%	83.8%
14228	Amherst (Getzville)	46.7%	73.8%	89.3%	94.3%	84.2%
14213	Buffalo	28.0%	76.4%	89.4%	92.6%	84.3%
14227	Cheektowaga	47.7%	70.7%	81.6%	100.0%	84.5%
14202	Buffalo	36.1%	65.2%	100.0%	100.0%	85.5%
14032	Clarence Center	50.3%	99.7%	78.6%	100.0%	85.8%
14169	Wales Center	65.5%	n/a	78.9%	100.0%	86.0%
14075	Hamburg	47.7%	87.1%	79.8%	100.0%	86.7%
14072	Grand Island	46.6%	88.9%	81.8%	100.0%	87.4%
14226	Amherst (Snyder/Eggertsville)	48.2%	81.1%	86.5%	99.9%	87.7%
14051	East Amherst	58.0%	100.0%	80.8%	100.0%	88.1%
14223	Tonawanda	41.2%	83.1%	87.6%	100.0%	89.4%
14086	Lancaster	51.3%	90.4%	86.5%	100.0%	90.3%
14127	Orchard Park	54.0%	100.0%	83.6%	100.0%	91.0%
14026	Bowmansville	100.0%	100.0%	86.8%	100.0%	91.8%
14221	Amherst/Williamsville/Clarenc	57.4%	100.0%	87.4%	95.4%	92.3%
14033	Colden	52.8%	100.0%	92.7%	95.5%	94.2%
14085	Lake View	53.6%	88.0%	98.7%	94.9%	95.6%
14068	Getzville	63.4%	100.0%	99.0%	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%
<b>Total</b>		<b>39.6%</b>	<b>71.5%</b>	<b>80.2%</b>	<b>95.0%</b>	<b>81.2%</b>

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 (March-December 2020)

Age Group	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
<40	-	-	0	5	1	0	0	3	0	0	2	2	13
40 to 49	-	-	1	6	2	0	0	0	0	2	2	4	17
50 to 59	-	-	0	16	7	5	3	0	1	3	4	25	64
60 to 69	-	-	2	45	28	9	4	0	1	0	18	45	152
70 to 79	-	-	4	62	56	20	4	3	3	12	34	87	285
80+	-	-	7	151	168	51	14	5	13	14	89	233	745
<b>Total # of Deaths</b>	-	-	<b>14</b>	<b>285</b>	<b>262</b>	<b>85</b>	<b>25</b>	<b>11</b>	<b>18</b>	<b>31</b>	<b>149</b>	<b>396</b>	<b>1,276</b>
<b>Ave. Death Age</b>	-	-	<b>75</b>	<b>78</b>	<b>82</b>	<b>81</b>	<b>79</b>	<b>68</b>	<b>84</b>	<b>78</b>	<b>80</b>	<b>80</b>	<b>80</b>

Table 5

### 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	5	29
50 to 59	8	11	5	7	5	4	1	6	4	11	12	14	88
60 to 69	31	22	6	24	11	5	1	6	11	15	14	46	192
70 to 79	60	34	16	30	21	4	7	10	15	14	24	40	275
80+	163	62	29	27	24	5	1	17	24	38	40	53	483
<b>Total # of Deaths</b>	<b>269</b>	<b>136</b>	<b>57</b>	<b>100</b>	<b>65</b>	<b>18</b>	<b>12</b>	<b>41</b>	<b>55</b>	<b>81</b>	<b>97</b>	<b>161</b>	<b>1,092</b>
<b>Ave. Death Age</b>	<b>81</b>	<b>76</b>	<b>77</b>	<b>71</b>	<b>74</b>	<b>70</b>	<b>70</b>	<b>74</b>	<b>77</b>	<b>76</b>	<b>73</b>	<b>72</b>	<b>76</b>

\*As of 12/28/2021

Table 6

### Erie County COVID-19 Deaths by Residence\*

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	612	25.8%	29.2%
Erie County Excl. Buffalo	1,756	74.2%	70.8%
<b>All of Erie County</b>	<b>2,368</b>	<b>100.0%</b>	<b>100.0%</b>

\*Population Source: Prepared from 2020 Census Bureau

\*As of 12/28/2021