



**Erie County  
Department of  
Health**



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

# COVID-19 Data Update

Week ending February 19, 2022

All data are provisional.

1,121 new COVID-19 cases were recorded for the week ending Feb. 19. This is a 32% decline compared to the previous week (1,654) – the sixth consecutive week of decline, and the lowest weekly COVID-19 case total since late August 2021.

The weekly COVID-19 positivity rate was 4.5%, down from 6.3% the previous week.

Overall COVID-19 diagnostic tests totaled 24,681, down slightly from 26,058 the previous week.

7-day case rate per 100,000 persons was 118, down from 173 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).

Only three ZIP codes had a 7-day case rate per 100,000 persons above 200: 14068, 14141 and 14031.

The 30-39-year-old age group had the most COVID-19 cases, with 172 cases. This age group also had the highest 7-day case rate per 100,000 persons, at 170, and this rate has been declining each week.

Positivity percentages in children ages 0-17 years have declined, and are now on par with the positivity percentages for adult age groups.

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 February 17, 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 (February 13-19, 2022)**

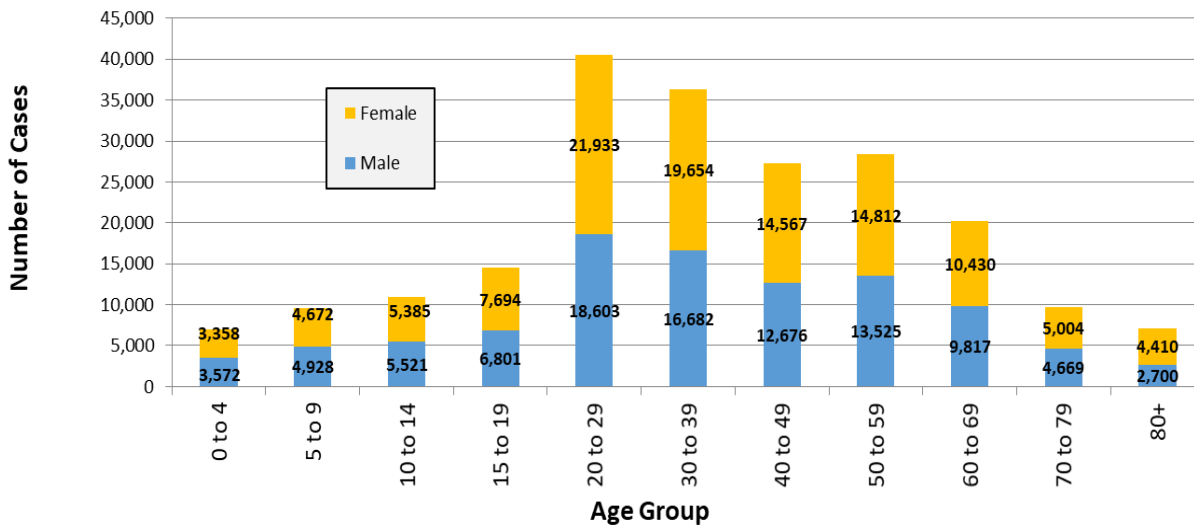


Figure 2

**Confirmed COVID-19 Cases by Age Group (February 13-19, 2022)**

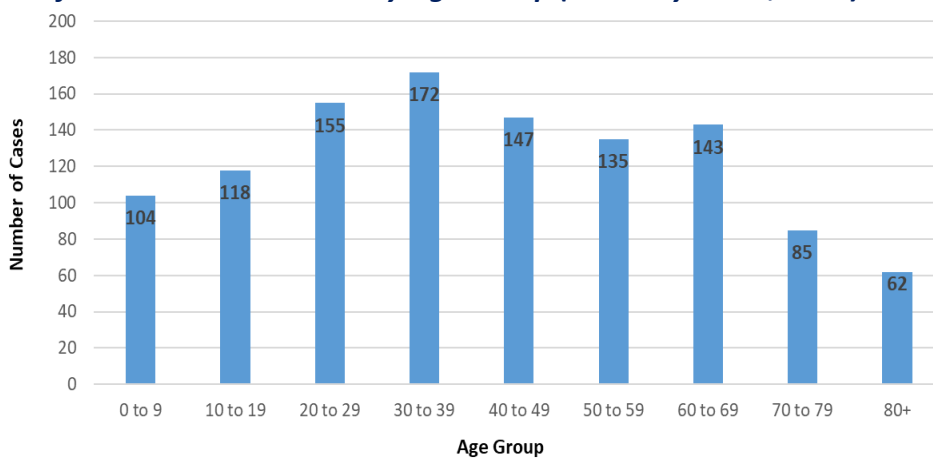


Table 1

**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*
1/15/2022	16,126	1689.9
1/22/2022	8,450	885.5
1/29/2022	5,761	603.7
2/5/2022	2,958	310.0
2/12/2022	1,654	173.3
2/19/2022	1,121	117.5

*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 <sup>1</sup>	Total New Cases per 100,000 Persons in the Past 7 Days <sup>2</sup>
14221	Amherst/Williamsville/Clarence	83	53,555	22.1	155.0
14075	Hamburg	70	41,937	23.8	166.9
14150	Tonawanda	55	41,676	18.9	132.0
14086	Lancaster	48	31,847	21.5	150.7
14215	Buffalo (East)	48	39,999	17.1	120.0
14225	Cheektowaga	44	33,385	18.8	131.8
14213	Buffalo (West Side)	39	24,465	22.8	159.4
14224	West Seneca	37	39,889	13.3	92.8
14226	Amherst (Snyder/Eggertsville)	29	29,267	14.2	99.1
14228	Amherst (Getzville)	28	20,857	19.2	134.2
14216	Buffalo (North)	27	22,431	17.2	120.4
14220	Buffalo (South)	26	24,227	15.3	107.3
14043	Depew	24	24,742	13.9	97.0
14211	Buffalo/Cheektowaga	24	22,611	15.2	106.1
14218	Lackawanna	24	19,039	18.0	126.1
14223	Tonawanda	24	22,665	15.1	105.9
14127	Orchard Park	22	29,961	10.5	73.4
14217	Kenmore	22	23,480	13.4	93.7
14051	Amherst (East)	21	19,533	15.4	107.5
14052	Aurora	21	17,329	17.3	121.2
14072	Grand Island	21	20,374	14.7	103.1
14227	Cheektowaga	21	23,426	12.8	89.6
14207	Buffalo (Black Rock/Riverside)	20	23,552	12.1	84.9
14222	Buffalo (Elmwood Village)	20	14,046	20.3	142.4
14031	Clarence	19	9,392	28.9	202.3
14068	Amherst (Getzville)	18	7,150	36.0	251.7
14141	Springville	18	7,728	33.3	232.9
14206	Buffalo (Kaisertown)	18	20,751	12.4	86.7
14212	Buffalo (Broadway)/Sloan	18	10,641	24.2	169.2
14006	Angola	16	9,858	23.2	162.3
14201	Buffalo (Downtown)	16	11,549	19.8	138.5
14214	Buffalo (University)	16	19,775	11.6	80.9
14219	Blasdell	13	11,536	x	x
14001	Akron	12	9,464	x	x
14059	Elma	11	8,933	x	x
14203	Buffalo	10	1,618	x	x
14209	Buffalo (Delaware)	10	7,926	x	x
14080	Holland	9	4,330	x	x
14208	Buffalo (east)	9	11,125	x	x
14210	Buffalo (South)	9	14,694	x	x
14057	Eden	8	8,116	x	x

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 <sup>1</sup>	Total New Cases per 100,000 Persons in the Past 7 Days <sup>2</sup>
14170	West Falls	8	2,286	*	*
14260-142	Amherst (UB)	8	10,300	x	x
14004	Alden	7	12,704	x	x
14025	Boston	7	3,039	x	x
14032	Clarence (North)	7	7,989	x	x
14047	Derby	7	6,440	x	x
14085	Hamburg (Lake View)	7	7,353	x	x
14070	Gowanda	5	6,732	x	x
14026	Bowmansville	*	674	x	x
14030	Chaffee	*	1,807	x	x
14033	Colden	*	2,219	x	x
14034	Collins	*	2,742	x	x
14055	East Concord	*	1,405	x	x
14069	Glenwood	*	844	x	x
14081	Irving	*	3,095	x	x
14091	Lawtons	*	1,079	x	x
14102	Marilla	*	1,281	x	x
14111	North Collins	*	3,352	x	x
14139	Wales	*	2,125	x	x
14202	Buffalo (Downtown)	*	3,911	x	x
14204	Buffalo (East)	*	8,691	x	x
14231	Buffalo	*	n/a	x	x
<b>All Erie County<sup>†</sup></b>		<b>1,121</b>	<b>954,236</b>	<b>16.8</b>	<b>117.5</b>

\*\*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 = 200+

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

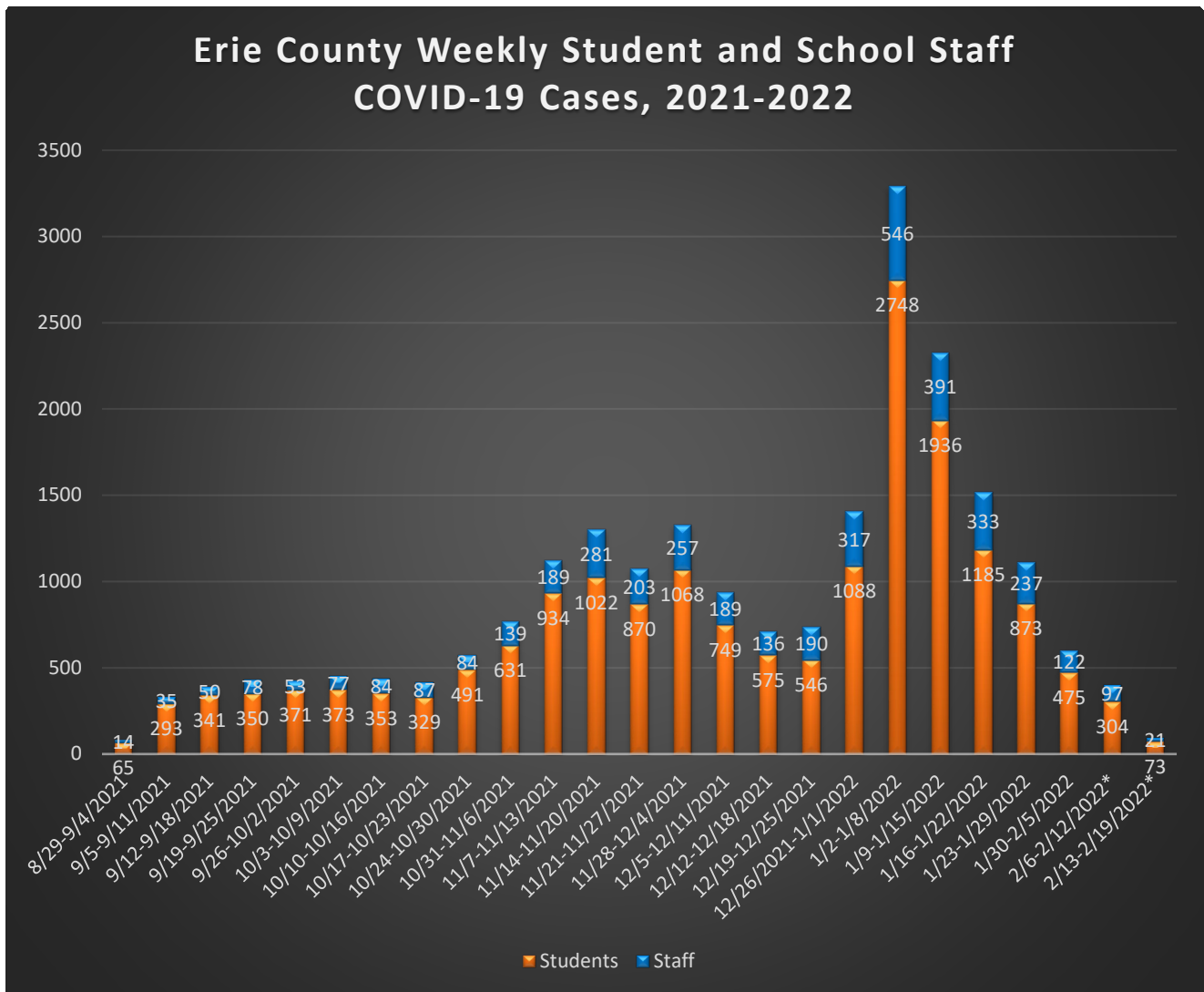


Figure 4a

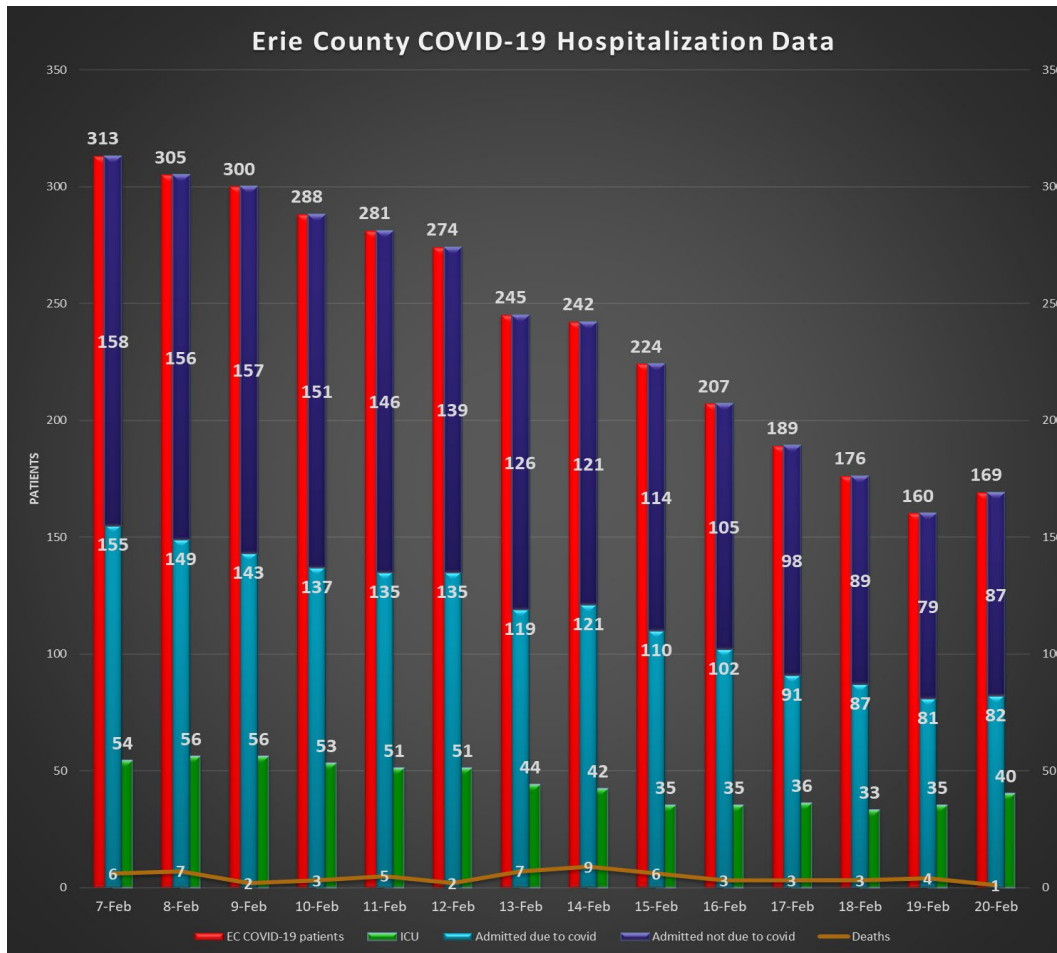
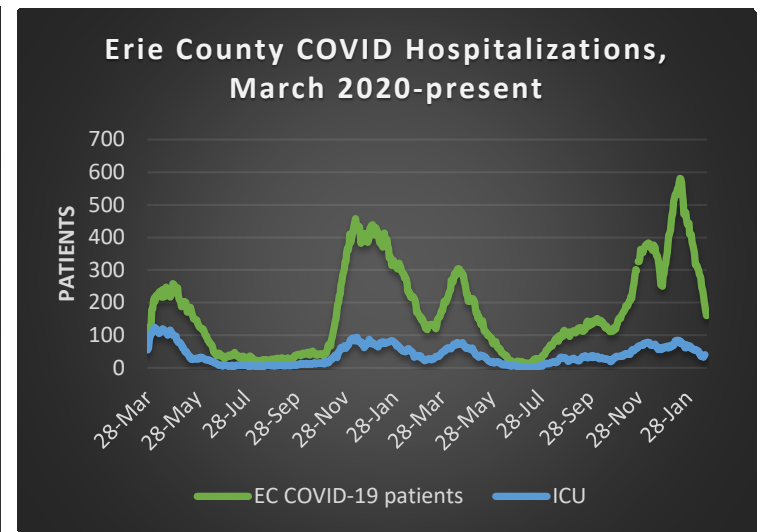


Figure 4b



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 February 21, 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
14112	North Evans	n/a	31.1%	n/a	48.3%	41.0%
14034	Collins	38.8%	28.8%	35.0%	89.1%	41.3%
14061	Farnham	7.6%	22.0%	47.1%	100.0%	43.8%
14070	Gowanda	29.0%	30.3%	46.2%	76.3%	47.9%
14035	Collins Center	7.8%	100.0%	37.2%	100.0%	50.0%
14030	Chaffee	20.2%	51.5%	52.5%	82.0%	59.0%
14170	West Falls	29.9%	74.3%	48.8%	100.0%	60.7%
14111	North Collins	29.8%	55.0%	61.3%	100.0%	65.8%
14004	Alden	27.9%	53.4%	62.7%	84.3%	65.9%
14055	East Concord	29.2%	64.8%	58.5%	100.0%	67.7%
14025	Boston	33.3%	84.7%	63.2%	69.5%	68.3%
14080	Holland	29.2%	58.0%	61.4%	95.8%	68.5%
14210	Buffalo	34.8%	55.6%	73.9%	85.0%	69.3%
14206	Buffalo	35.2%	61.4%	74.1%	79.4%	71.7%
14208	Buffalo	31.8%	58.8%	84.8%	70.9%	72.2%
14001	Akron	36.4%	59.8%	66.7%	100.0%	73.2%
14222	Buffalo (Elmwood Village)	35.0%	59.2%	89.6%	80.5%	73.4%
14219	Blasdell	35.1%	60.1%	72.9%	97.2%	74.5%
14215	Buffalo	32.0%	61.6%	77.0%	100.0%	75.3%
14047	Derby	36.0%	65.9%	69.2%	100.0%	75.6%
14091	Lawtons	42.8%	43.4%	86.3%	89.6%	75.7%
14204	Buffalo	32.0%	70.5%	74.7%	89.1%	76.3%
14006	Angola	32.8%	66.6%	74.8%	86.0%	76.4%
14069	Glenwood	35.9%	82.7%	69.2%	89.2%	76.7%
14211	Buffalo	38.9%	69.0%	78.4%	86.5%	76.9%
14141	Springville	32.3%	71.4%	70.1%	96.2%	77.1%
14218	Lackawanna	28.8%	60.0%	79.2%	96.3%	77.4%
14059	Elma	35.4%	69.1%	73.5%	89.0%	77.4%
14102	Marilla	32.0%	55.0%	82.8%	95.5%	78.4%
14207	Buffalo	36.9%	59.6%	92.7%	90.0%	79.0%
14139	South Wales	33.8%	89.7%	68.3%	100.0%	79.3%
14057	Eden	42.7%	87.1%	70.4%	100.0%	80.1%
14216	Buffalo	44.4%	68.1%	83.6%	100.0%	80.6%
14043	Depew	40.5%	68.7%	81.5%	93.4%	81.2%
14209	Buffalo	30.9%	72.1%	82.3%	100.0%	81.6%
14225	Cheektowaga	41.1%	64.6%	90.8%	92.4%	82.6%
14220	Buffalo	40.4%	72.6%	83.2%	97.9%	82.7%
14212	Buffalo	39.3%	78.4%	84.6%	85.4%	83.0%
14214	Buffalo	40.5%	76.8%	85.8%	92.7%	83.1%
14052	East Aurora	59.0%	82.4%	75.9%	100.0%	83.3%
14031	Clarence	48.7%	73.2%	78.9%	100.0%	84.0%

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
14150	Tonawanda	42.8%	76.5%	82.4%	93.9%	84.0%
14217	Kenmore	50.5%	87.4%	79.6%	91.0%	84.3%
14224	West Seneca	46.6%	77.4%	79.5%	99.6%	84.4%
14227	Cheektowaga	51.5%	72.4%	82.2%	100.0%	85.2%
14201	Buffalo	29.9%	82.9%	82.8%	98.7%	85.2%
14213	Buffalo	31.4%	78.8%	89.9%	93.3%	85.7%
14032	Clarence Center	51.6%	100.0%	78.8%	100.0%	86.0%
14202	Buffalo	40.2%	67.9%	100.0%	100.0%	86.7%
14228	Amherst (Getzville)	52.1%	78.8%	90.5%	95.1%	86.9%
14169	Wales Center	62.1%	n/a	80.7%	100.0%	87.2%
14075	Hamburg	49.8%	88.3%	80.5%	100.0%	87.3%
14072	Grand Island	48.9%	90.6%	82.5%	100.0%	88.2%
14051	East Amherst	60.9%	100.0%	81.6%	100.0%	88.6%
14226	Amherst (Snyder/Eggertsvill	50.9%	86.3%	87.5%	100.0%	89.8%
14223	Tonawanda	43.6%	85.3%	87.8%	100.0%	90.1%
14127	Orchard Park	55.9%	100.0%	83.8%	100.0%	91.1%
14086	Lancaster	53.2%	92.2%	87.2%	100.0%	91.1%
14026	Bowmansville	100.0%	100.0%	86.4%	100.0%	91.7%
14221	Amherst/Williamsville/Clarer	60.0%	100.0%	88.0%	95.9%	92.7%
14033	Colden	54.6%	100.0%	94.2%	95.7%	95.1%
14085	Lake View	56.4%	88.7%	99.4%	95.4%	96.2%
14068	Getzville	69.1%	100.0%	99.5%	92.5%	96.7%
14134	Sardinia	42.9%	100.0%	100.0%	100.0%	100.0%
14203	Buffalo	55.3%	100.0%	100.0%	100.0%	100.0%
<b>Total</b>		<b>42.6%</b>	<b>73.8%</b>	<b>81.1%</b>	<b>95.2%</b>	<b>82.4%</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 (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
<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>189</b>	<b>1,120</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>73</b>	<b>76</b>

Table 5

### *Erie County Covid-19 Deaths By Age Group (January 1-February 17, 2022\*)*

Age Group	Jan	Feb	Total
<40	7	1	8
40 to 49	9	1	10
50 to 59	19	4	23
60 to 69	49	13	62
70 to 79	57	17	74
80+	89	23	112
<b>Total # of Deaths</b>	<b>230</b>	<b>59</b>	<b>289</b>
<b>Ave. Death Age</b>	<b>74</b>	<b>76</b>	<b>74</b>

Table 6

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

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	710	26.4%	29.2%
Erie County Excl. Buffalo	1,975	73.6%	70.8%
<b>All of Erie County</b>	<b>2,617</b>	<b>100.0%</b>	<b>100.0%</b>

\*Population Source: Prepared from 2020 Census Bureau

\*As of 2/17/2022; these charts are based on the most recent information available.