Erie County Department of Health — Public Health — Prevent. Promote. Protect.

COVID-19 Data Update
Week ending April 16, 2022
All data are provisional.

2,619 new COVID-19 cases were recorded for the week ending April 16, 2022. This is a 61% increase compared to the previous week (1,632 cases). These data do not include at-home tests. This is the fith consecutive week where COVID-19 cases increased compared to the previous week.

The weekly COVID-19 positivity rate was 14.6%, up from 8.5% the previous week.

Overall COVID-19 diagnostic tests totaled 17,882, down from the previous week's total of 19,312 tests.

7-day case rate per 100,000 persons was 275, up from 171 for the previous week.

Buffalo city COVID-19 cases comprised ~36% of new COVID-19 cases this past week (Buffalo city population is 29.2% of all Erie County residents).

15 ZIP codes had a 7-day case rate over 300 per 100,000 persons. ZIP code 14221 had the highest number of reported COVID-19 cases, at 169 reported cases. The highest 7-day case rates were primarily located in suburban ZIP codes.

Erie County COVID-19 Hospitalization Data: See Figures 4a and 4b. NYSDOH publishes updated hospitalization data by region at https://coronavirus.health.ny.gov/daily-hospitalization-summary.

Erie County COVID-19 Vaccination Data: See Section 2. NYSDOH updates vaccine data daily. Demographic data: https://coronavirus.health.ny.gov/demographic-vaccination-data.

Erie County COVID-19 Mortality Data: Mortality data are updated through April 12, 2022 based on data available to ECDOH. Updated totals will be available in a future report. NYSDOH reports COVID-19 mortality data at https://coronavirus.health.ny.gov/fatalities-0. See Section 3.

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Confirmed COVID-19 Cases by Age Group and Gender (March 2020-present)
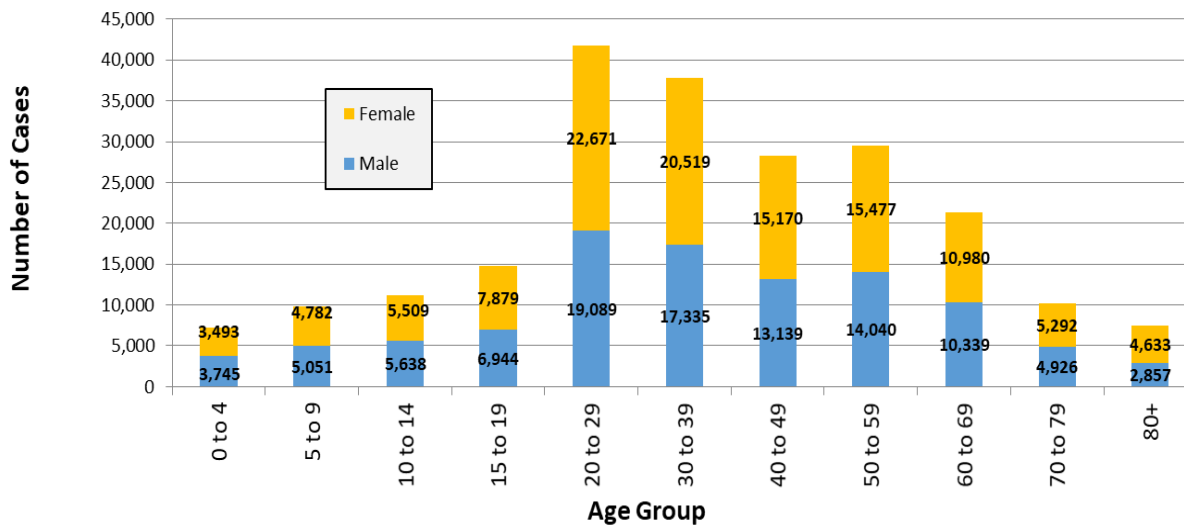
Figure 2

Confirmed COVID-19 Cases by Age Group (April 10-16, 2022)
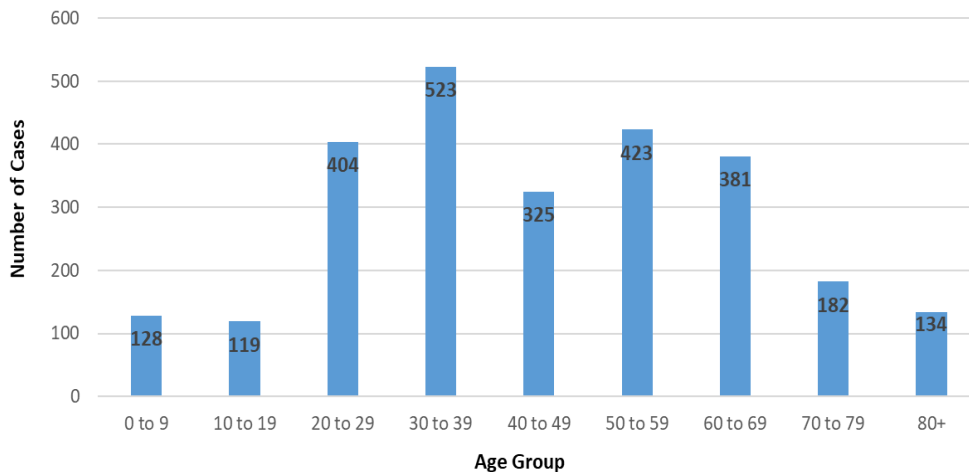
Table 1

New Cases in Past Seven Days, Past Six Weeks

Week Ending	New Cases in Past 7 Days	Total New Cases in the Past Seven Days per 100,000 Persons*
3/12/2022	447	46.8
3/19/2022	501	52.5
3/26/2022	675	70.7
4/2/2022	996	104.4
4/9/2022	1,632	171.0
4/16/2022	2,619	274.5

This metric shows trends over time.
*Population Source: 2020 U.S. Census Bureau

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

Table 2

Confirmed COVID-19 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/Clarenc	169	53,555	45.1	315.6
14224	West Seneca	135	39,889	48.3	338.4
14086	Lancaster	130	31,847	58.3	408.2
14075	Hamburg	118	41,937	40.2	281.4
14150	Tonawanda	112	41,676	38.4	268.7
14226	Amherst (Snyder/Eggertsville)	107	29,267	52.2	365.6
14225	Cheektowaga	105	33,385	44.9	314.5
14127	Orchard Park	104	29,961	49.6	347.1
14215	Buffalo (East)	99	39,999	35.4	247.5
14227	Cheektowaga	82	23,426	50.0	350.0
14217	Kenmore	81	23,480	49.3	345.0
14043	Depew	78	24,742	45.0	315.3
14223	Tonawanda	78	22,665	49.2	344.1
14051	Amherst (East)	71	19,533	51.9	363.5
14220	Buffalo (South)	71	24,227	41.9	293.1
14072	Grand Island	61	20,374	42.8	299.4
14211	Buffalo/Cheektowaga	61	22,611	38.5	269.8
14213	Buffalo (West Side)	61	24,465	35.6	249.3
14216	Buffalo (North)	61	22,431	38.8	271.9
14207	Buffalo (Black Rock/Riverside)	57	23,552	34.6	242.0
14214	Buffalo (University)	56	19,775	40.5	283.2
14206	Buffalo (Kaisertown)	50	20,751	34.4	241.0
14228	Amherst (Getzville)	50	20,857	34.2	239.7
14222	Buffalo (Elmwood Village)	43	14,046	43.7	306.1
14052	Aurora	39	17,329	32.2	225.1
14218	Lackawanna	38	19,039	28.5	199.6
14201	Buffalo (Downtown)	34	11,549	42.1	294.4
14031	Clarence	33	9,392	50.2	351.4
14068	Amherst (Getzville)	28	7,150	55.9	391.6
14212	Buffalo (Broadway)/Sloan	28	10,641	37.6	263.1
14004	Alden	27	12,704	30.4	212.5
14059	Elma	27	8,933	43.2	302.3
14219	Blasdell	27	11,536	33.4	234.0
14001	Akron	26	9,464	39.2	274.7
14210	Buffalo (South)	22	14,694	21.4	149.7
14057	Eden	20	8,116	35.2	246.4
14208	Buffalo (east)	20	11,125	25.7	179.8
14032	Clarence (North)	17	7,989	30.4	212.8
14141	Springville	16	7,728	29.6	207.0
14006	Angola	15	9,858	21.7	152.2

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14085	Hamburg (Lake View)	15	7,353	29.1	204.0
14204	Buffalo (East)	15	8,691	24.7	172.6
14209	Buffalo (Delaware)	15	7,926	27.0	189.3
14202	Buffalo (Downtown)	13	3,911	x	x
14047	Derby	11	6,440	x	x
14070	Gowanda	11	6,732	x	x
14081	Irving	10	3,095	x	x
14203	Buffalo	9	1,618	x	x
14026	Bowmansville	7	674	x	x
14033	Colden	7	2,219	x	x
14080	Holland	7	4,330	x	x
14111	North Collins	6	3,352	x	x
14139	Wales	6	2,125	x	x
14170	West Falls	6	2,286	x	x
14260-1426	Amherst (UB)	6	10,300	x	x
14091	Lawtons	5	1,079	x	x
14102	Marilla	5	1,281	x	x
14025	Boston	*	3,039	x	x
14030	Chaffee	*	1,807	x	x
14034	Collins	*	2,742	x	x
14055	East Concord	*	1,405	x	x
14069	Glenwood	*	844	x	x
14231	Buffalo	*	n/a	x	x
	All Erie County[†]	**2,619**	**954,236**	**39.2**	**274.5**

**Population Source: ZIP code data from U.S. Census Bureau, DP-1, General Population & Housing Characteristics

ZCTAs are an approximation of mailing ZIP codes

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

Highlighted = 300+ cases per 100,000 residents over seven days

The New York State Department of Health maintains a COVID-19 data dashboard with county-level reporting.
https://coronavirus.health.ny.gov/covid-19-data-new-york

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

Figure 3: Erie County Weekly k-12 student and school staff COVID-19 cases
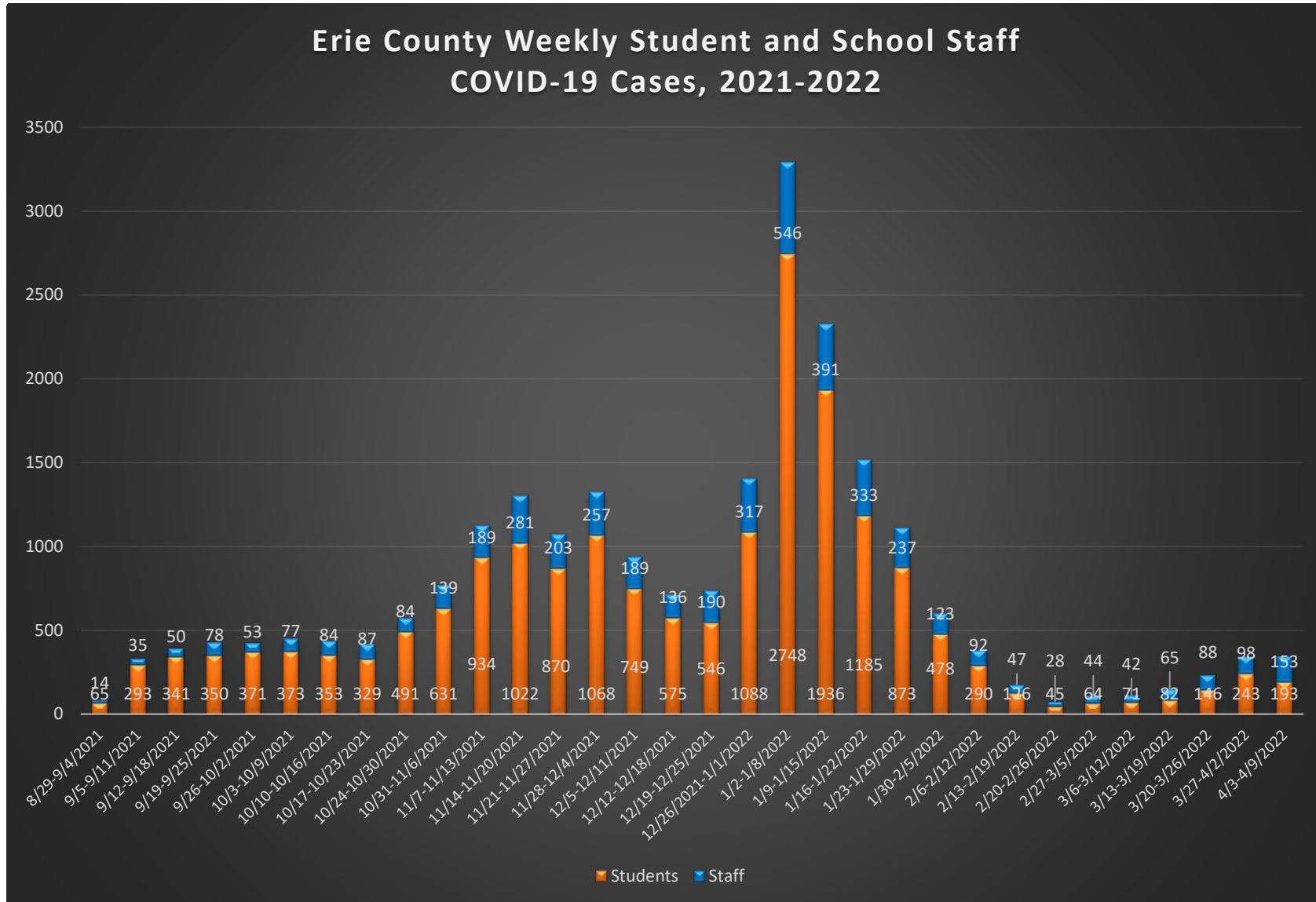
Please see   NYS School COVID-19 Report Card: https://schoolcovidreportcard.health.ny.gov

*Data are incomplete for the past two weeks due to lags in reporting from schools and labs.

These data may include include self-reported at-home COVID-19 positive tests.

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Figure 4a

Erie County COVID-19 Hospitalization Data

Figure 4b

Erie County COVID Hospitalizations, March 2020-present
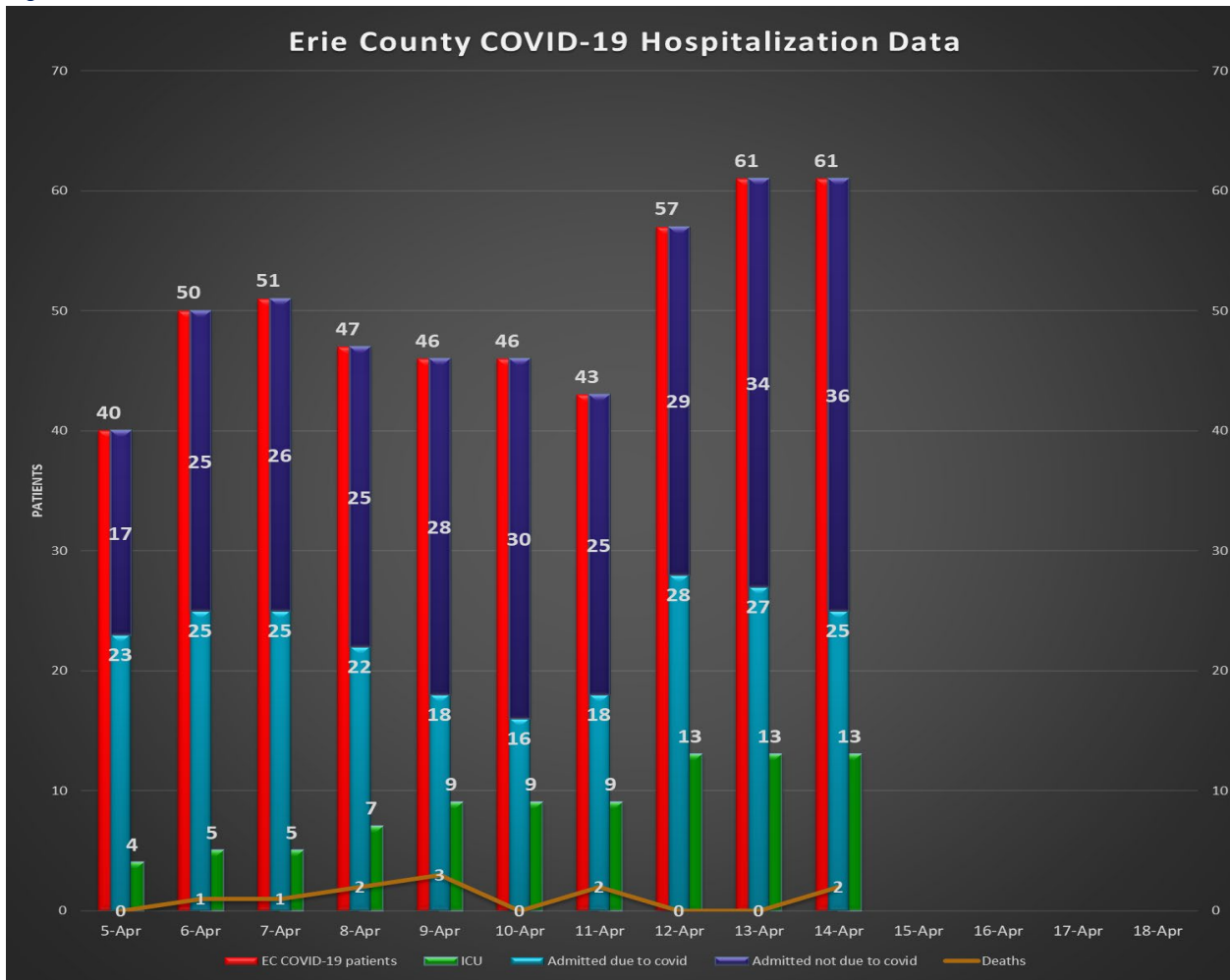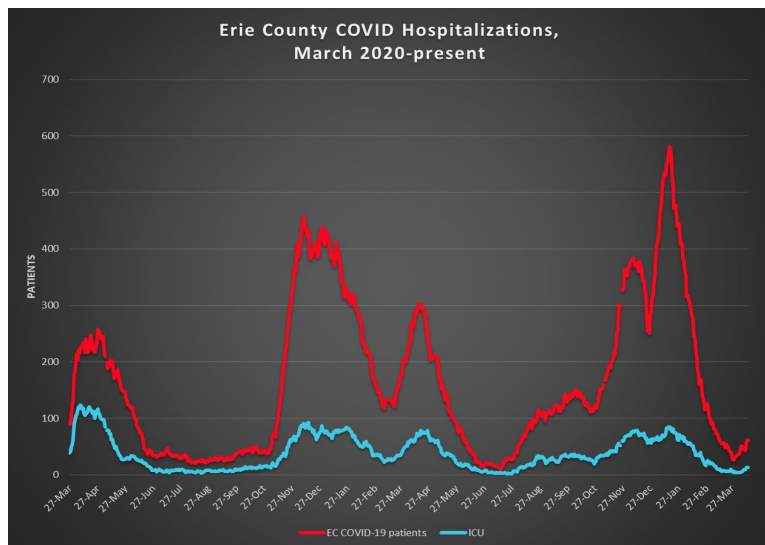
*Important Note: Due to the holiday, data collection from health care facilities by NYSDOH was paused from 4/15/2022-4/17/2022.

Data provided by Erie County hospitals and NYSDOH. Patients may include residents from outside Erie County. See https://coronavirus.health.ny.gov/daily-hospitalization-summary

Section 2: COVID-19 Vaccine Information

Table 3

Erie County COVID-19 Vaccination Rates, Age & ZIP Code (Data through April 18, 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	39.5%	29.3%	35.3%	89.1%	41.5%
14061	Farnham	9.8%	21.0%	48.4%	100.0%	44.2%
14070	Gowanda	30.0%	30.6%	46.4%	76.2%	48.1%
14035	Collins Center	7.8%	100.0%	37.2%	100.0%	50.0%
14030	Chaffee	20.0%	52.7%	52.6%	81.6%	59.3%
14170	West Falls	30.5%	74.3%	48.7%	100.0%	60.7%
14111	North Collins	30.2%	55.5%	61.3%	100.0%	65.9%
14004	Alden	28.4%	53.4%	63.0%	84.5%	66.1%
14025	Boston	33.8%	85.6%	62.8%	69.6%	68.2%
14055	East Concord	29.2%	66.3%	58.9%	100.0%	68.2%
14080	Holland	29.4%	58.7%	61.4%	96.3%	68.7%
14210	Buffalo	36.4%	56.1%	74.1%	85.5%	69.7%
14206	Buffalo	37.3%	62.5%	74.5%	79.2%	72.1%
14208	Buffalo	33.2%	60.3%	85.4%	71.2%	73.1%
14001	Akron	37.1%	60.0%	66.6%	100.0%	73.2%
14222	Buffalo (Elmwood Village)	35.8%	60.0%	89.9%	80.7%	73.9%
14219	Blasdell	35.6%	60.2%	73.4%	97.3%	74.7%
14047	Derby	36.1%	66.1%	69.4%	100.0%	75.8%
14091	Lawtons	42.8%	43.8%	86.0%	90.1%	75.8%
14215	Buffalo	34.0%	63.3%	78.0%	100.0%	76.3%
14006	Angola	33.4%	67.0%	75.2%	86.2%	76.8%
14069	Glenwood	35.9%	83.7%	70.0%	88.1%	77.0%
14204	Buffalo	34.7%	71.5%	75.7%	89.1%	77.2%
14141	Springville	32.8%	71.6%	70.1%	96.9%	77.3%
14059	Elma	36.2%	69.4%	73.6%	89.3%	77.6%
14218	Lackawanna	30.0%	60.8%	79.7%	96.5%	77.9%
14211	Buffalo	41.2%	71.6%	79.1%	87.3%	78.2%
14102	Marilla	32.4%	54.6%	83.3%	95.5%	78.5%
14139	South Wales	34.0%	91.5%	68.5%	100.0%	79.6%
14207	Buffalo	39.0%	60.7%	93.6%	90.7%	79.9%
14057	Eden	43.2%	87.8%	70.6%	100.0%	80.4%
14216	Buffalo	45.5%	68.5%	84.0%	100.0%	80.9%
14043	Depew	41.0%	69.1%	81.7%	93.2%	81.3%
14209	Buffalo	32.7%	72.9%	82.7%	100.0%	82.0%
14225	Cheektowaga	42.7%	65.5%	91.1%	92.6%	83.1%
14220	Buffalo	41.2%	73.3%	83.7%	98.1%	83.2%
14052	East Aurora	59.8%	83.0%	76.2%	100.0%	83.6%
14214	Buffalo	41.8%	77.9%	86.4%	93.1%	83.9%

All data are provisional and represent data available at the time of the report.
https://covid19vaccine.health.ny.gov/vaccine-demographic-data

14212	Buffalo	41.9%	80.9%	85.7%	85.0%	84.2%
14150	Tonawanda	43.6%	77.0%	82.6%	94.2%	84.3%
14031	Clarence	49.8%	73.9%	79.2%	100.0%	84.3%
14217	Kenmore	51.5%	88.0%	79.7%	91.0%	84.5%
14224	West Seneca	47.4%	77.8%	79.7%	99.9%	84.7%
14227	Cheektowaga	52.6%	72.9%	82.5%	100.0%	85.4%
14201	Buffalo	31.2%	84.4%	82.8%	99.0%	85.8%
14213	Buffalo	33.1%	79.9%	89.7%	93.3%	86.0%
14169	Wales Center	62.1%	n/a	78.9%	100.0%	86.0%
14032	Clarence Center	52.0%	100.0%	78.9%	100.0%	86.1%
14202	Buffalo	40.7%	68.7%	100.0%	100.0%	87.0%
14228	Amherst (Getzville)	52.9%	79.3%	90.7%	95.3%	87.2%
14075	Hamburg	50.4%	88.7%	80.7%	100.0%	87.4%
14072	Grand Island	49.7%	90.8%	82.8%	100.0%	88.4%
14051	East Amherst	61.6%	100.0%	82.0%	100.0%	88.8%
14226	Amherst (Snyder/Eggertsville	52.1%	86.9%	87.7%	100.0%	90.1%
14223	Tonawanda	44.5%	85.9%	87.9%	100.0%	90.2%
14127	Orchard Park	56.4%	100.0%	84.0%	100.0%	91.2%
14086	Lancaster	53.7%	92.4%	87.4%	100.0%	91.2%
14026	Bowmansville	100.0%	100.0%	86.8%	100.0%	91.8%
14221	Amherst/Williamsville/Claren	60.9%	100.0%	88.2%	96.2%	92.9%
14033	Colden	55.4%	100.0%	94.6%	95.5%	95.3%
14085	Lake View	56.8%	88.5%	99.7%	95.8%	96.4%
14068	Getzville	69.7%	100.0%	100.0%	92.7%	97.1%
14134	Sardinia	45.7%	100.0%	100.0%	100.0%	100.0%
14203	Buffalo	62.6%	100.0%	100.0%	100.0%	100.0%
Total		**43.7%**	**74.5%**	**81.4%**	**95.3%**	**82.7%**

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 1-April 12, 2022)

Age Group	Jan	Feb	Mar	Apr	Total
<40	7	2	0	0	9
40 to 49	9	1	1	0	11
50 to 59	19	9	2	0	30
60 to 69	49	20	3	0	72
70 to 79	57	25	3	0	85
80+	90	40	10	4	144
Total # of Deaths	**231**	**97**	**19**	**4**	**351**
Ave. Death Age	**74**	**76**	**78**	**86**	**75**

2020 total deaths	1,276
2021 total deaths	1,120
2022 deaths to date	351
Total:	2,747

Table 6

Erie County COVID-19 Deaths by Residence

Residence	Fatalities	% of Fatalities	% of Population*
Buffalo	732	26.6%	29.2%
Erie County Excl. Buffalo	2,015	73.4%	70.8%
All of Erie County	**2,747**	**100.0%**	**100.0%**

*Population Source: Prepared from 2020 Census Bureau

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https://covid19vaccine.health.ny.gov/vaccine-demographic-data