



Protecting Chicago: Phase V Re-Opening Metrics Update

June 25th, 2021

(Data current through 6/23/2021)



COVID-19 Outcomes by Race/Ethnicity and Geography

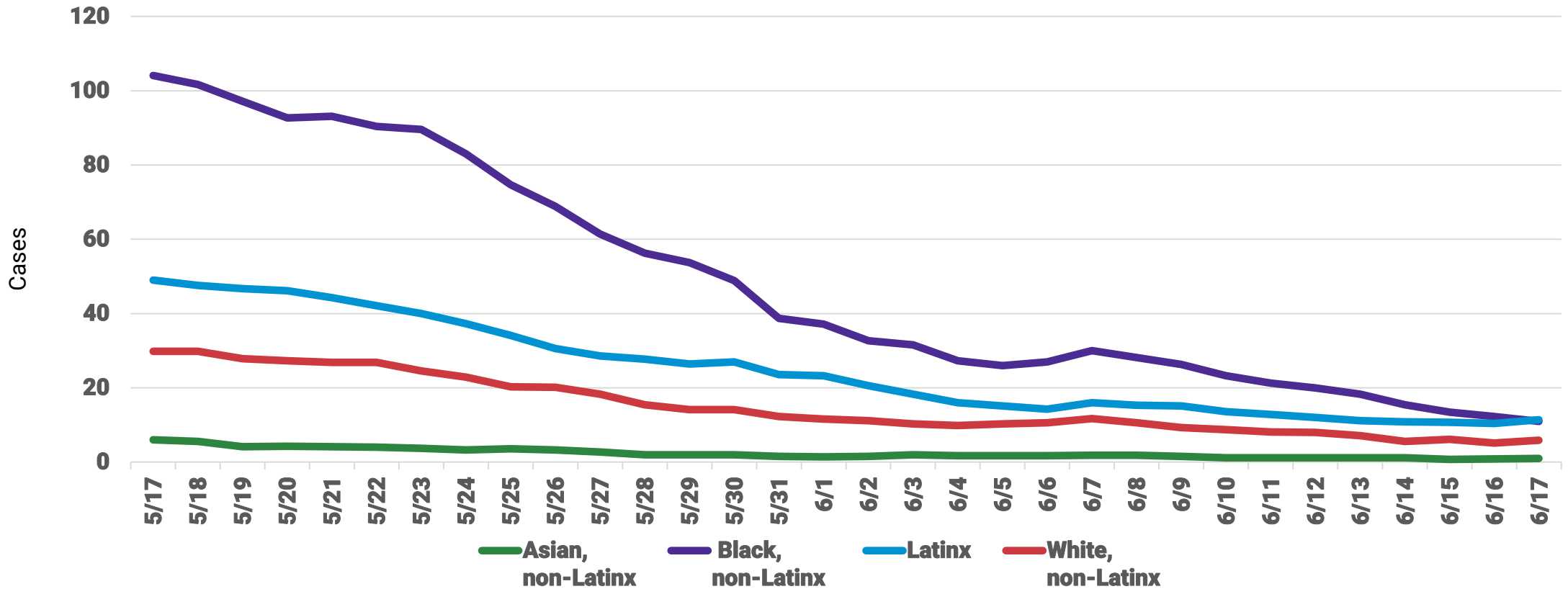


Diagnosed Cases

Incident cases are highest for Black, non-Latinx and Latinx Chicagoans. All groups are declining and differences are shrinking.



COVID-19 Cases, on Specimen Date, by Race/Ethnicity, rolling 7-day average



Daily COVID-19 cases with known specimen report date and race/ethnicity information. Case is defined as positive result on PCR or antigen test. This case definition was applied to the entire epidemic beginning on 2/8/2021 therefore these results are different from results reported prior. Source: INEDSS.

Weekly changes in COVID-19 cases by race/ethnicity and age group for week ending June 19th (comparisons to week ending June 12th)



Age Group (years)	Latinx	% of Age grp	Change from last week	Black, NL	% of Age grp	Change from last week	White, NL	% of Age grp	Change from last week	Asian, NL	% of Age grp	Change from last week	Total (percent)	Change from last week
0-17	20	59%	-4	9	26%	-14	3	9%	-10	1	3%	0	49 (18%)	-30
18-44	38	30%	-11	54	42%	-8	24	19%	-1	5	4%	1	153 (55%)	-35
45-64	21	41%	-1	18	35%	-28	11	22%	-4	0	0%	-1	56 (20%)	-48
65+	5	26%	-2	5	26%	-12	6	32%	-6	3	16%	-1	21 (8%)	-26
Total	84	36%	-18	86	37%	-62	44	19%	-21	9	4%	-1	279	-139

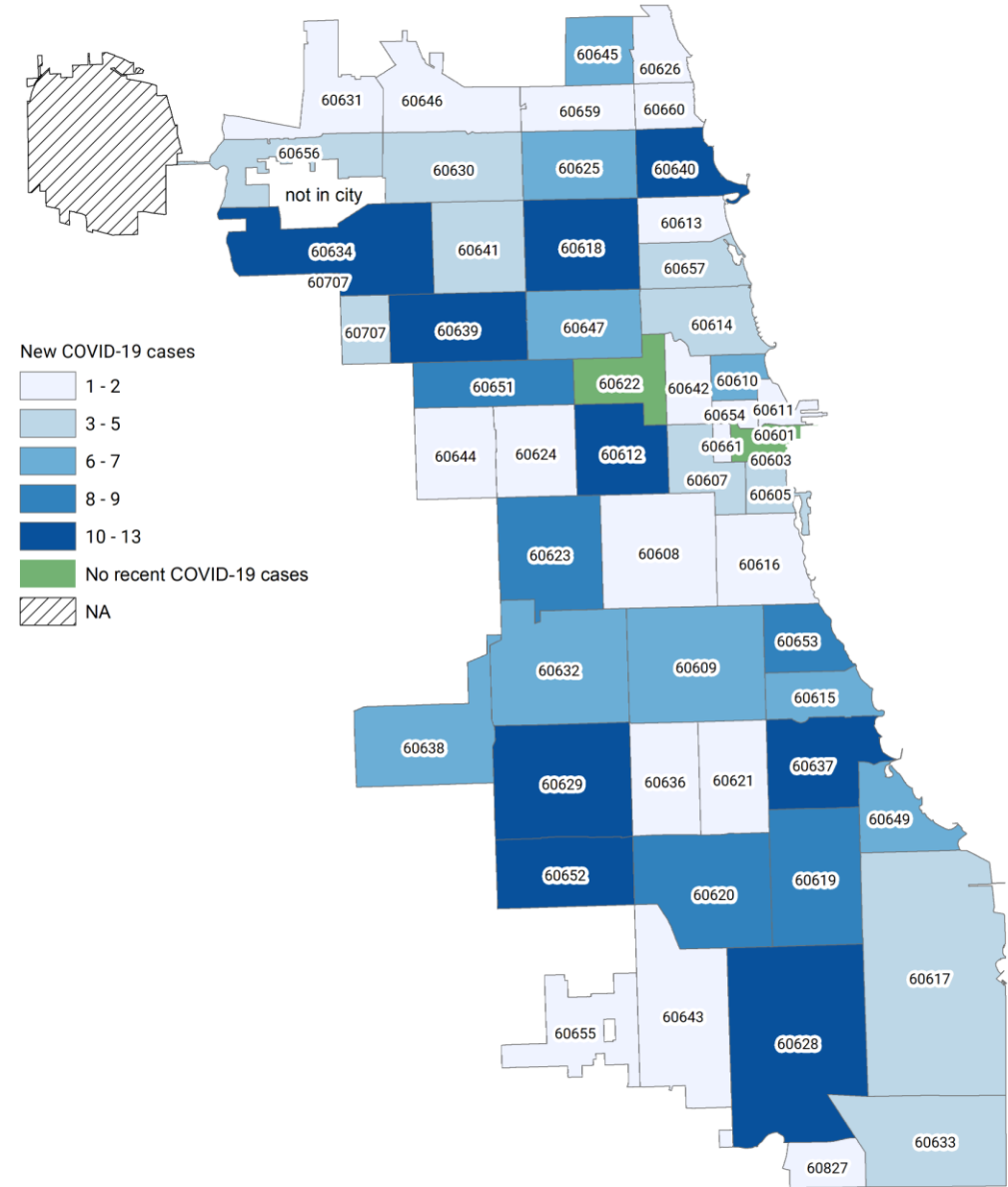
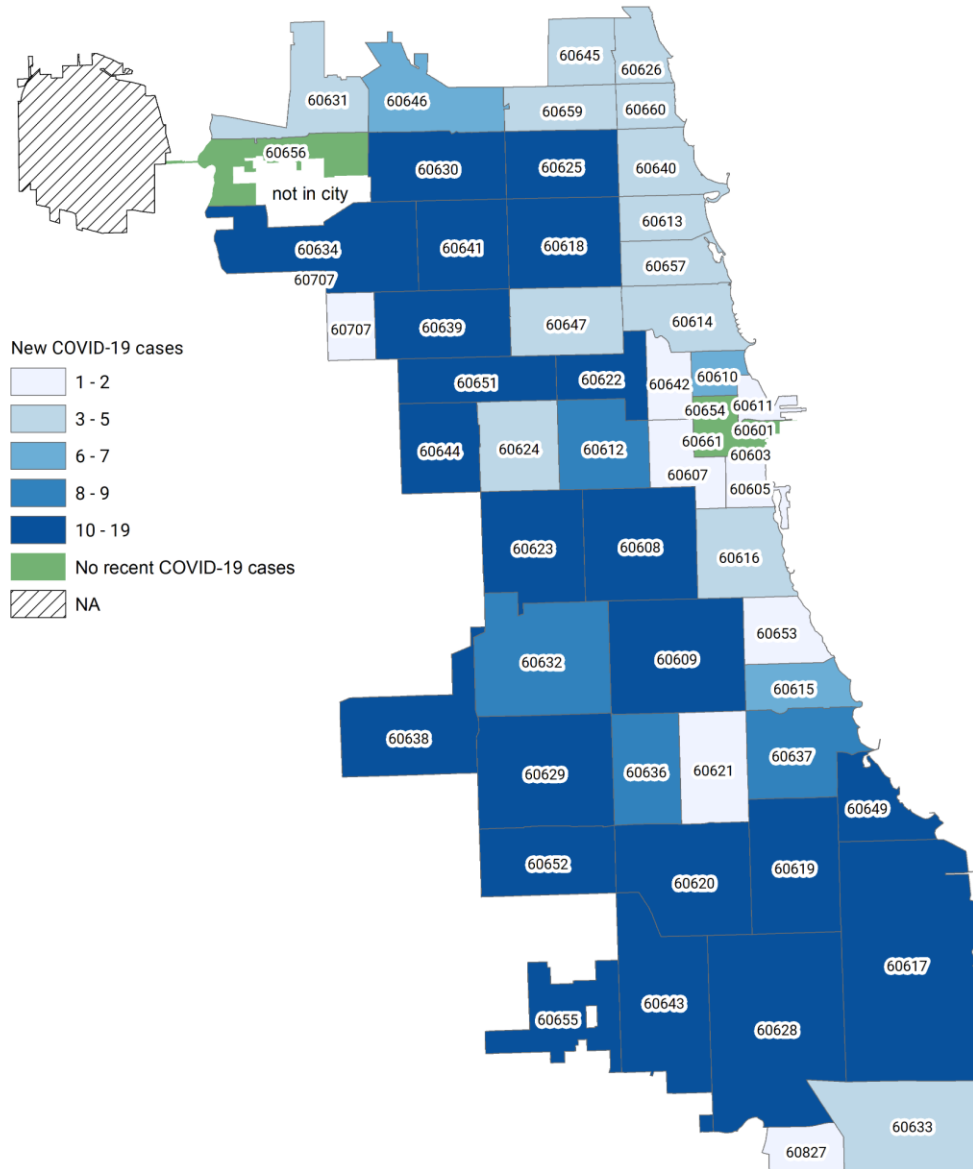
Percentages are computed using confirmed COVID-19 cases with known race/ethnicity.

Data pulled Wednesday 6/23/21

Changes in weekly case counts by zip code

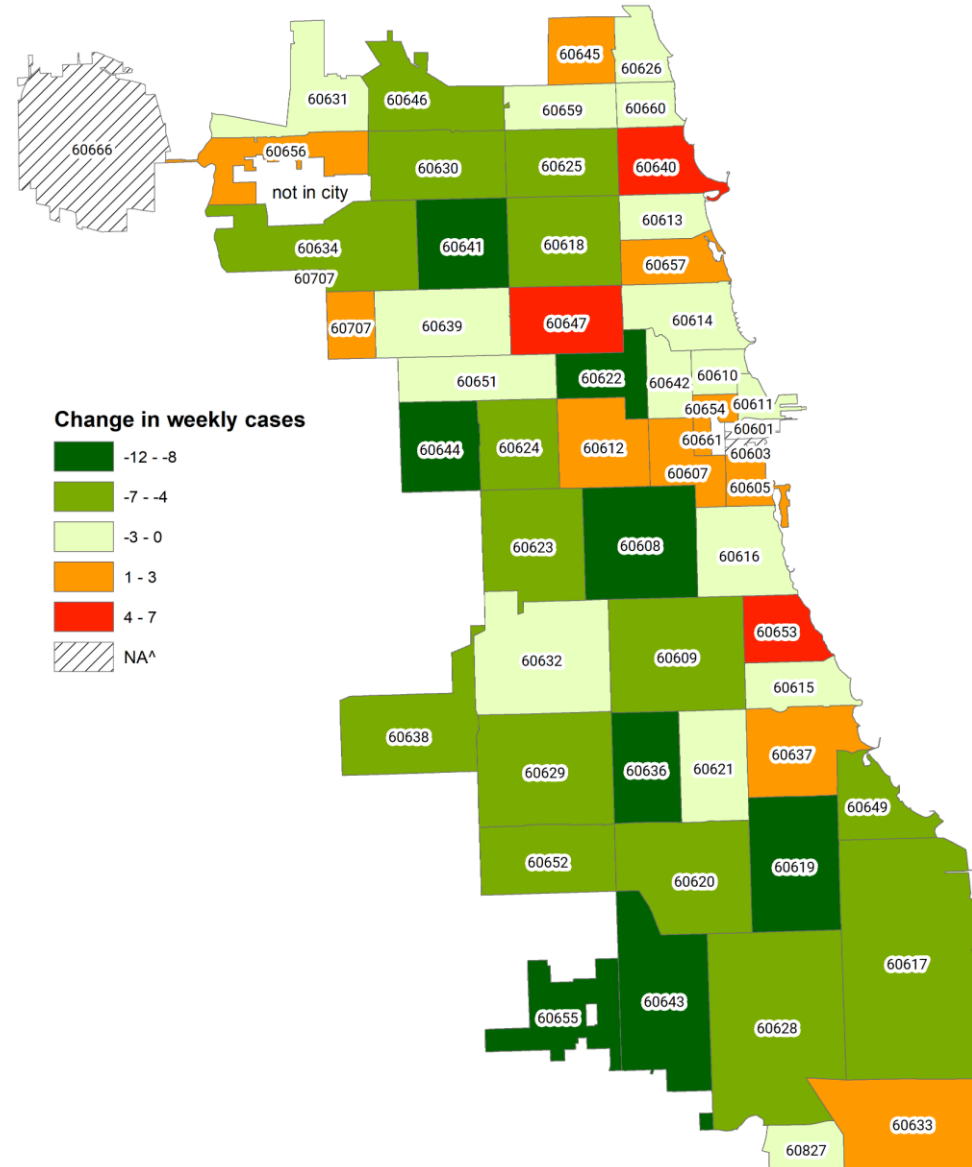
Week ending 6/12/21 (n=551)

Week ending 6/19/21 (n=279)

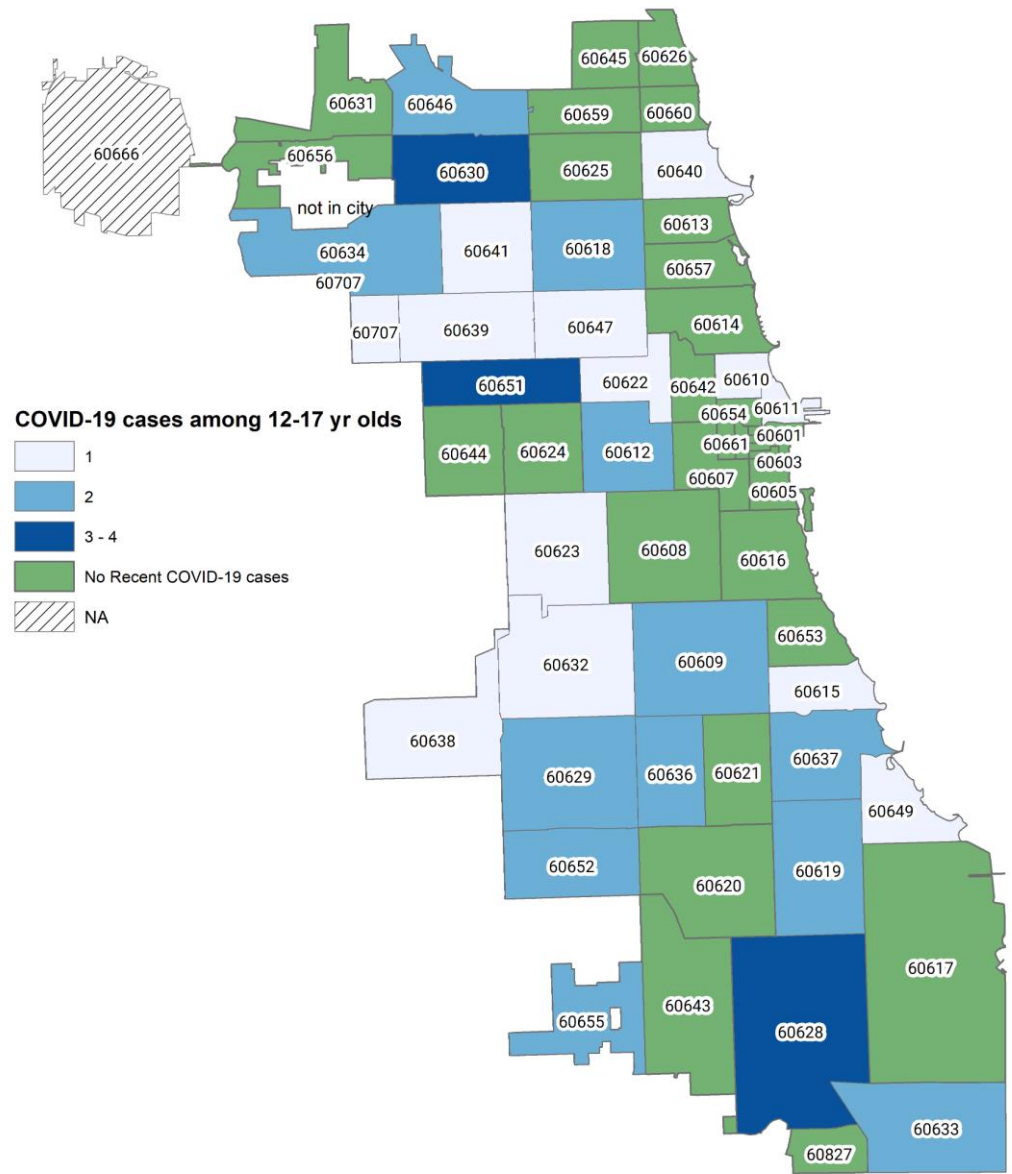
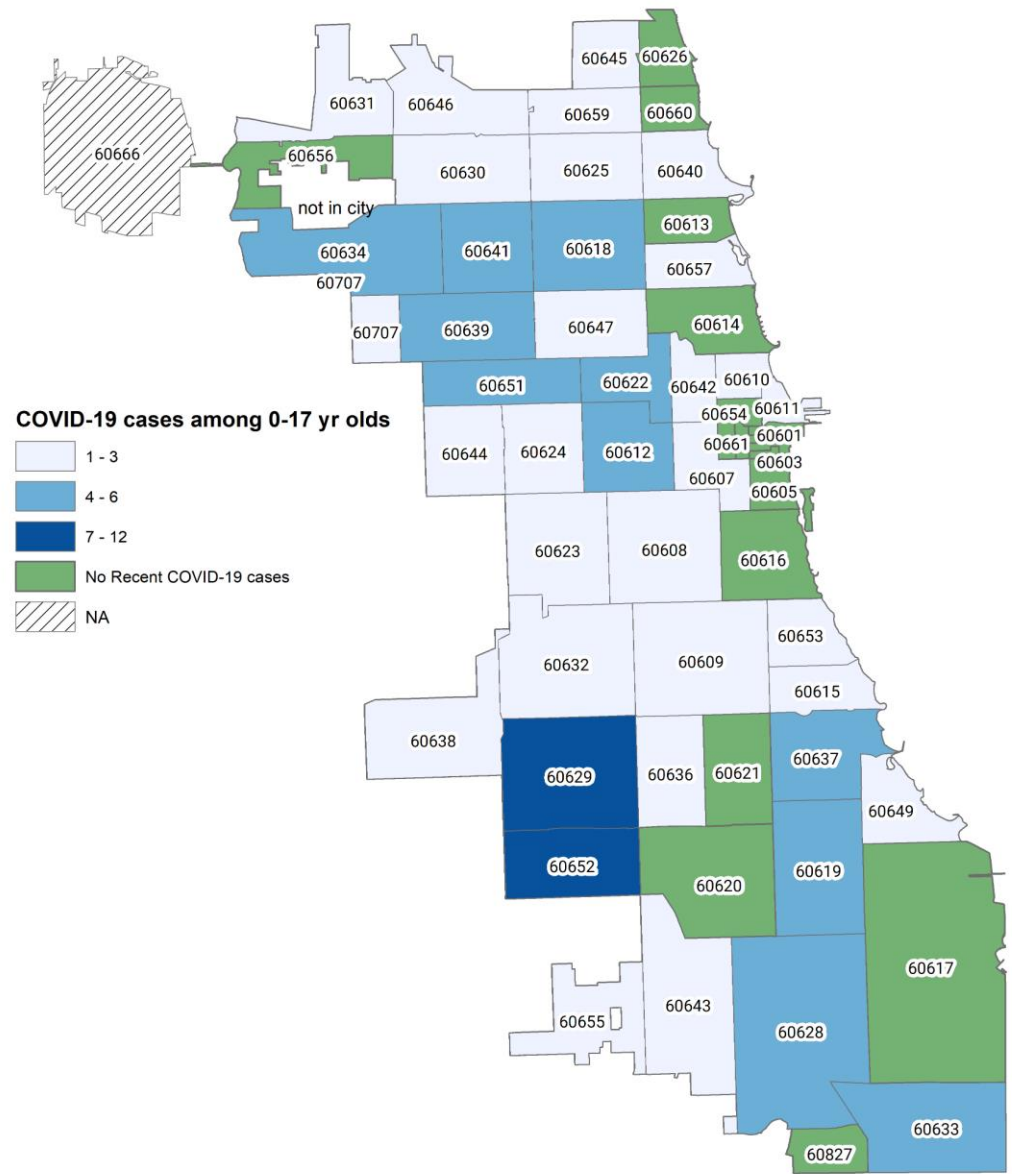


Note: Week is data through the Wednesday after the end date for the week. Week 24 June 19th and week 23 ending June 12th

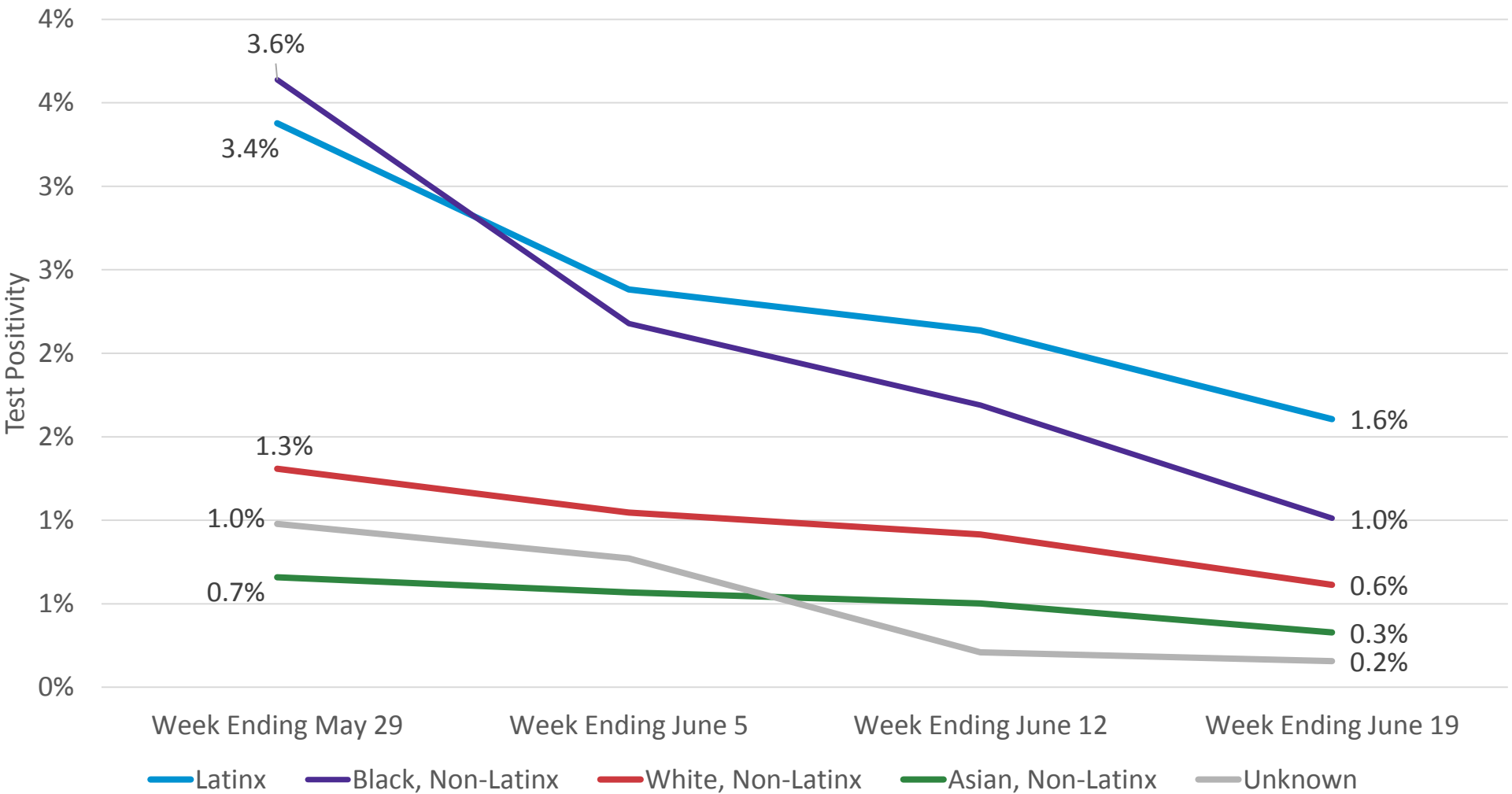
Weekly Changes in COVID-19 cases by Chicago zip code



Recent COVID-19 cases (Jun 6th to Jun 19th) among 0-17-year-olds and 12-17-year-olds by Chicago zip code



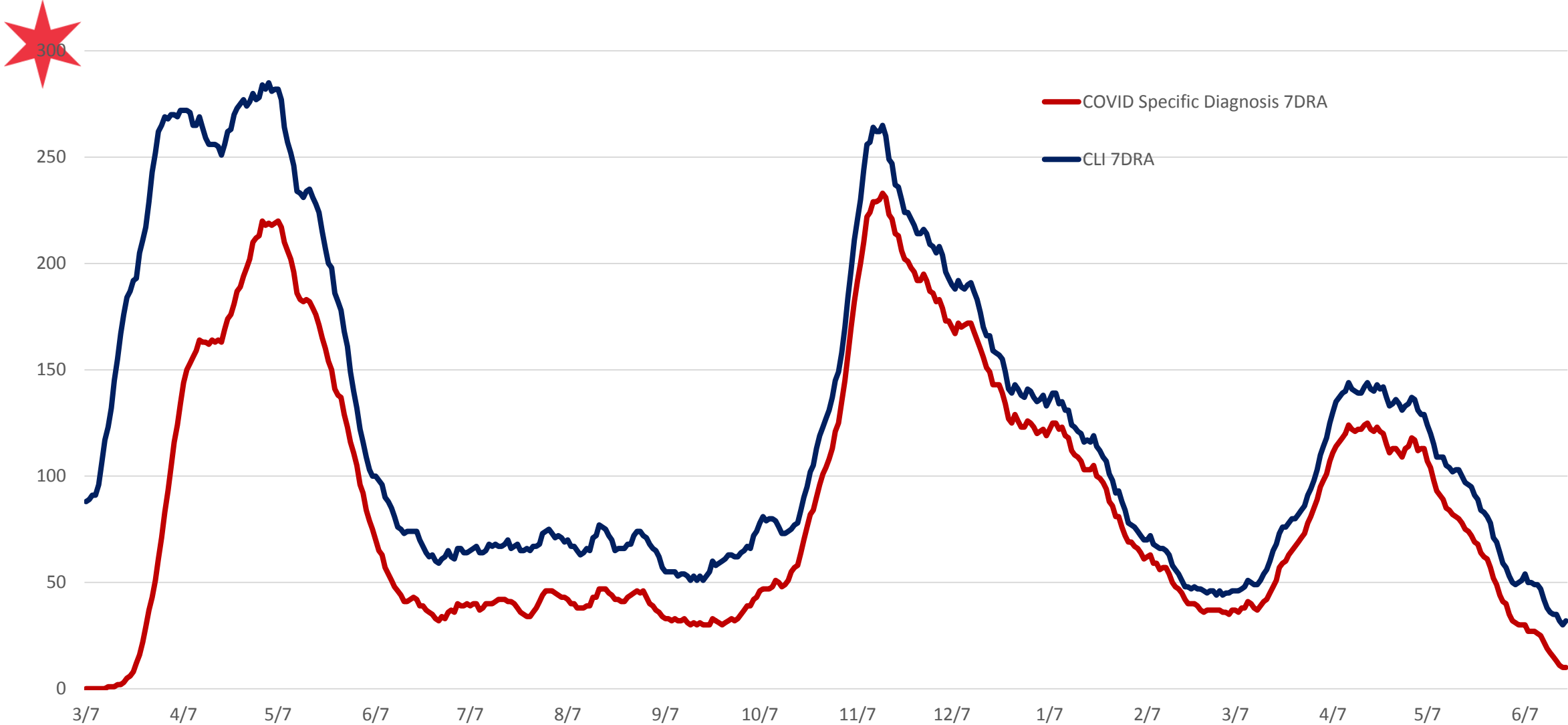
Test positivity by Race-Ethnicity (May 23 – June 19, 2021)





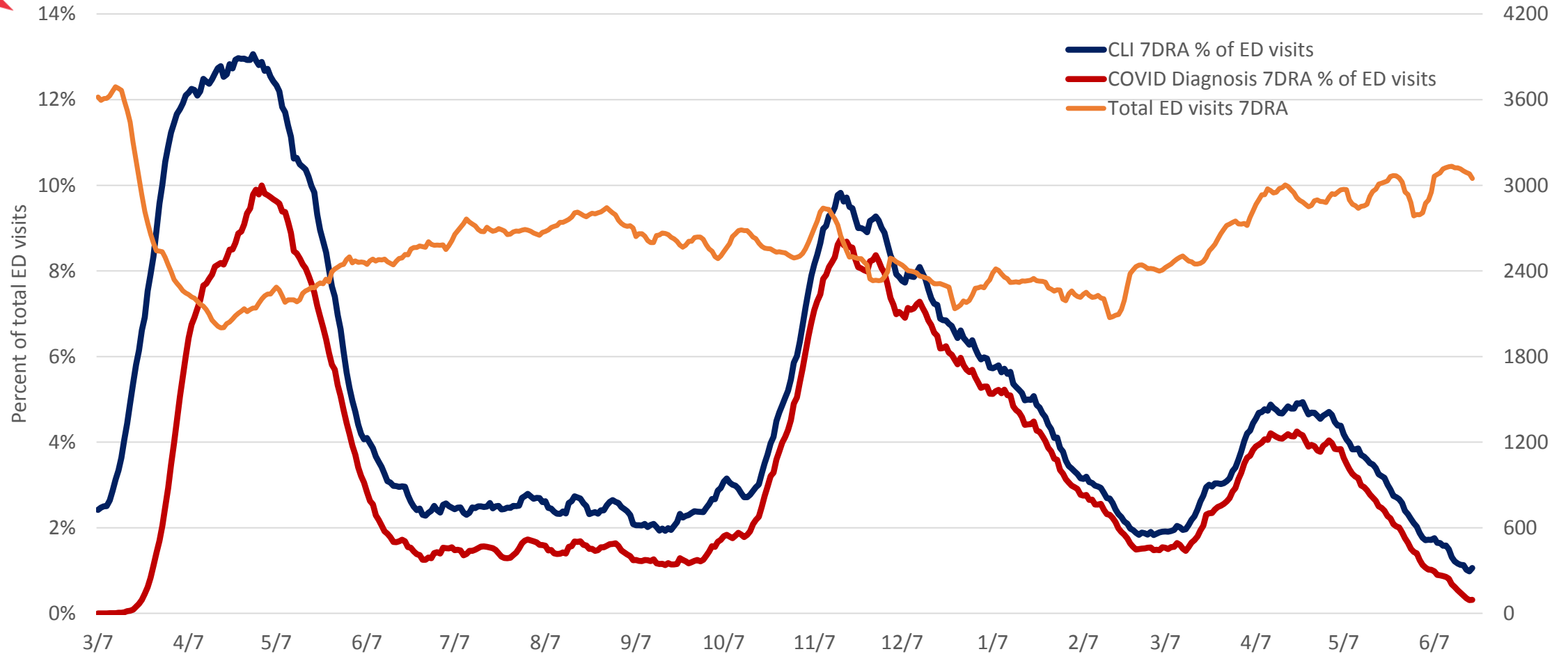
Emergency Department Visits

CLI and COVID diagnosis ED visits are decreasing



COVID specific diagnosis includes only emergency department patients that have been diagnosed with COVID-19.
CLI includes emergency department visits that have been diagnosed with COVID-19 and patients with COVID like symptoms.
Data Source: Illinois Hospital Emergency Departments reporting to CDPH through the National Syndromic Surveillance Project.

Cumulative epidemic CLI and COVID Diagnosis percentage of ED visits and total ED visits.



Percent of all emergency department visits, reported with COVID-like symptoms among Chicago residents.
Data Source: Illinois Hospital Emergency Departments reporting to CDPH through the National Syndromic Surveillance Project.

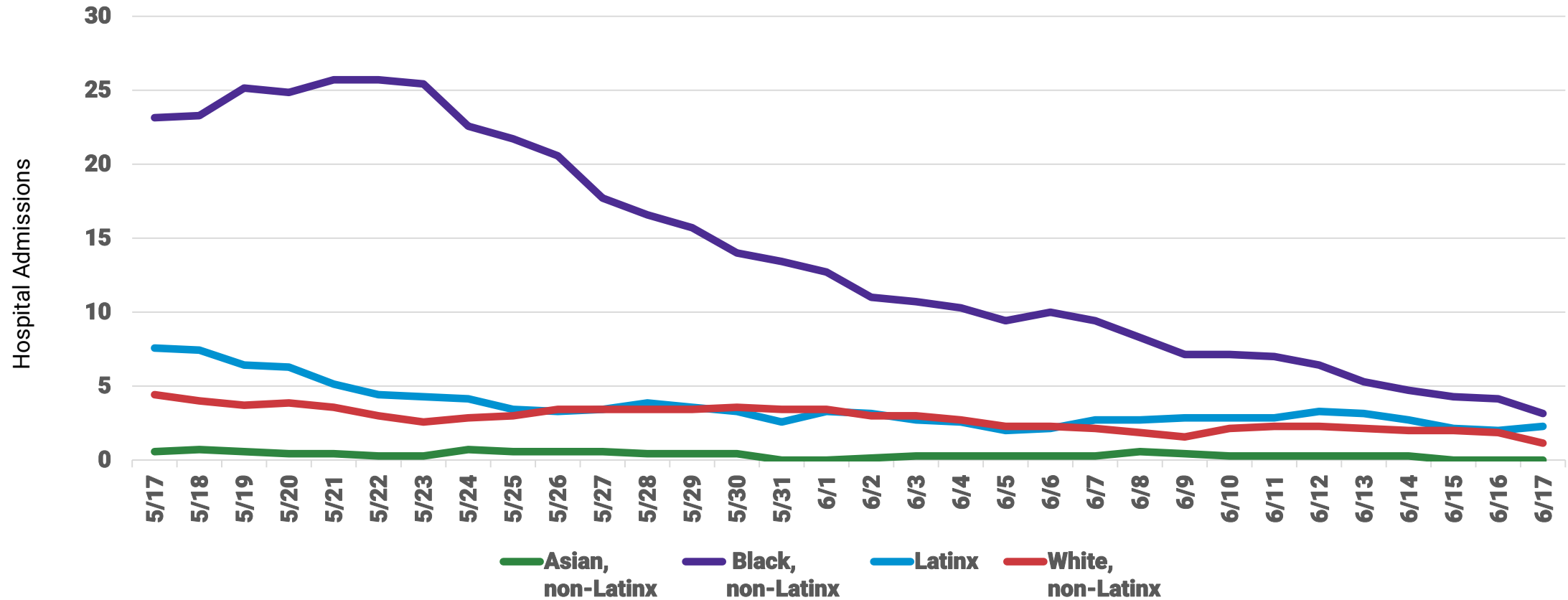


Hospital admissions

Daily COVID-19 hospital admissions are highest and declining fastest for Black, non-Latinx Chicagoans.



COVID-19 Hospital Admissions, by Race/Ethnicity, rolling 7-day average, first known hospital admit date



Hospitalizations are reported to CDPH by hospitals into I-NEDSS and ESSENCE and self-reported by patients via an online survey. Daily counts for most recent dates displayed are likely incomplete. Cases who are not indicated to have been hospitalized across any of the three data sources are assumed to not have been hospitalized. Six records with hospital admit dates from January and February 2020 are excluded from this chart. Peak daily admissions based on rolling 7-day average.

Recent COVID-19 **hospitalizations** by race/ethnicity and age group (Jun 6– Jun 19, 2021)

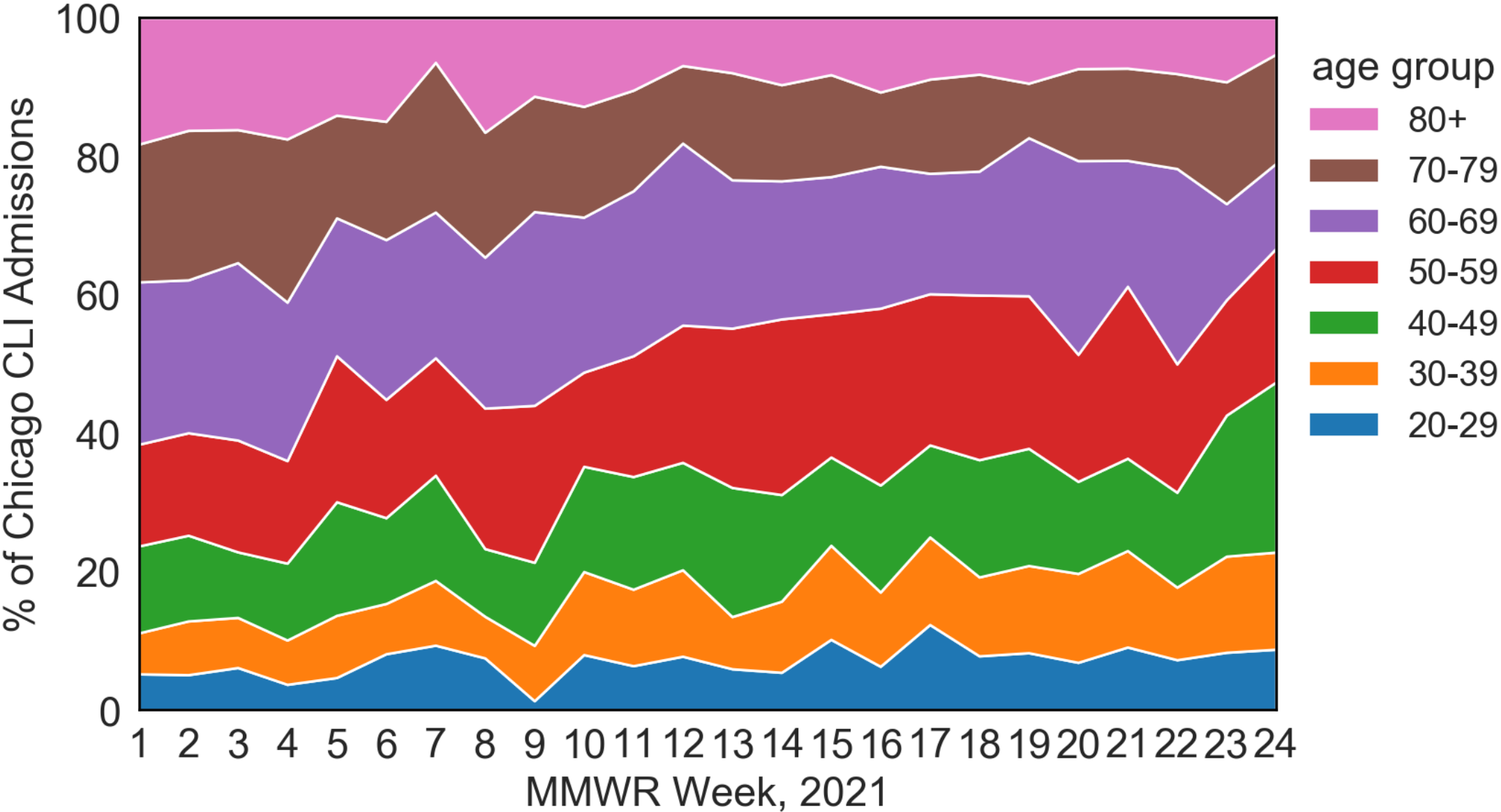


Age Group (years)	Latinx	% of Age grp	Black, NL	% of Age grp	White, NL	% of Age grp	Asian, NL	% of Age grp	Total	Percent
0-17	0	0%	0	0%	2	67%	1	33%	4	4%
18-44	10	32%	17	55%	3	10%	0	0%	32	29%
45-64	15	38%	19	48%	6	15%	0	0%	42	39%
65+	8	27%	12	40%	6	20%	3	10%	31	28%
Total	33	32%	48	46%	17	16%	4	4%	109	

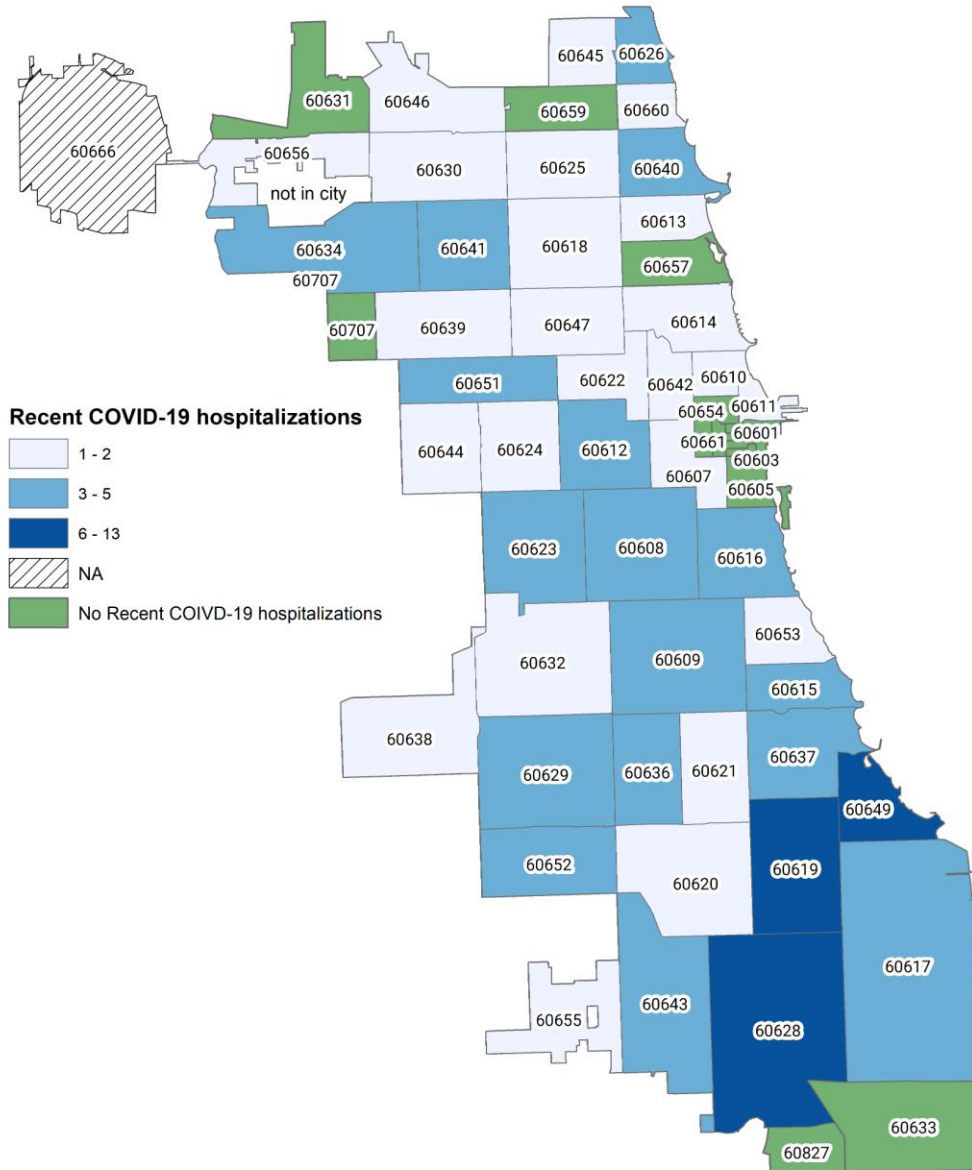
Percentages are computed using COVID-19 hospitalizations with known race/ethnicity.

Data pulled Wednesday 6/16/21

Proportion of hospital admissions among younger ages continues to grow



Recent COVID-19 hospitalizations by Chicago zip code (Jun 6–Jun 19, 2021) n=109



Please note that COVID-19 hospitalizations have significant reporting delays

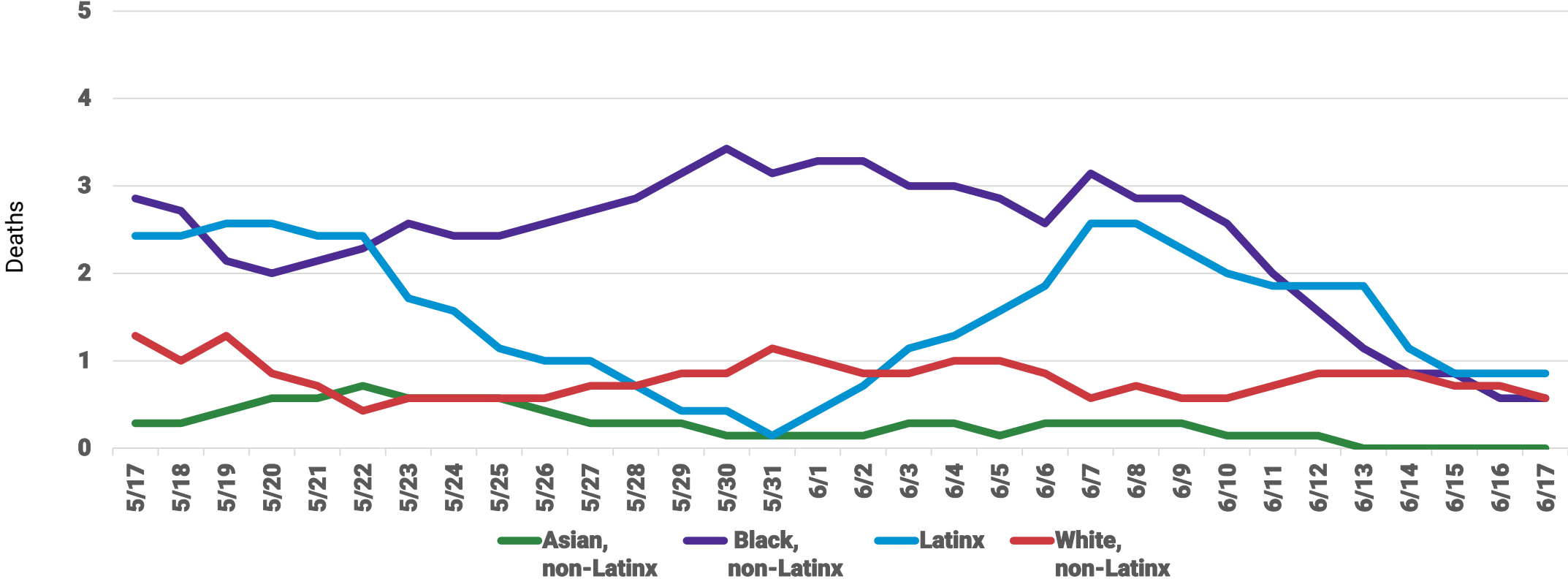


Deaths

Daily COVID-19 deaths are now averaging 1 or less for all race/ethnicity groups.



COVID-19 Deaths, by Race/Ethnicity, rolling 7-day average



Daily COVID-19 deaths reported for Chicago residents with known death date. Data source: INEDSS. A five day lag is imposed to reduce inaccuracy created by reporting delays.

Recent COVID-19 deaths (May 1st to Jun 22nd) by race/ethnicity and age group

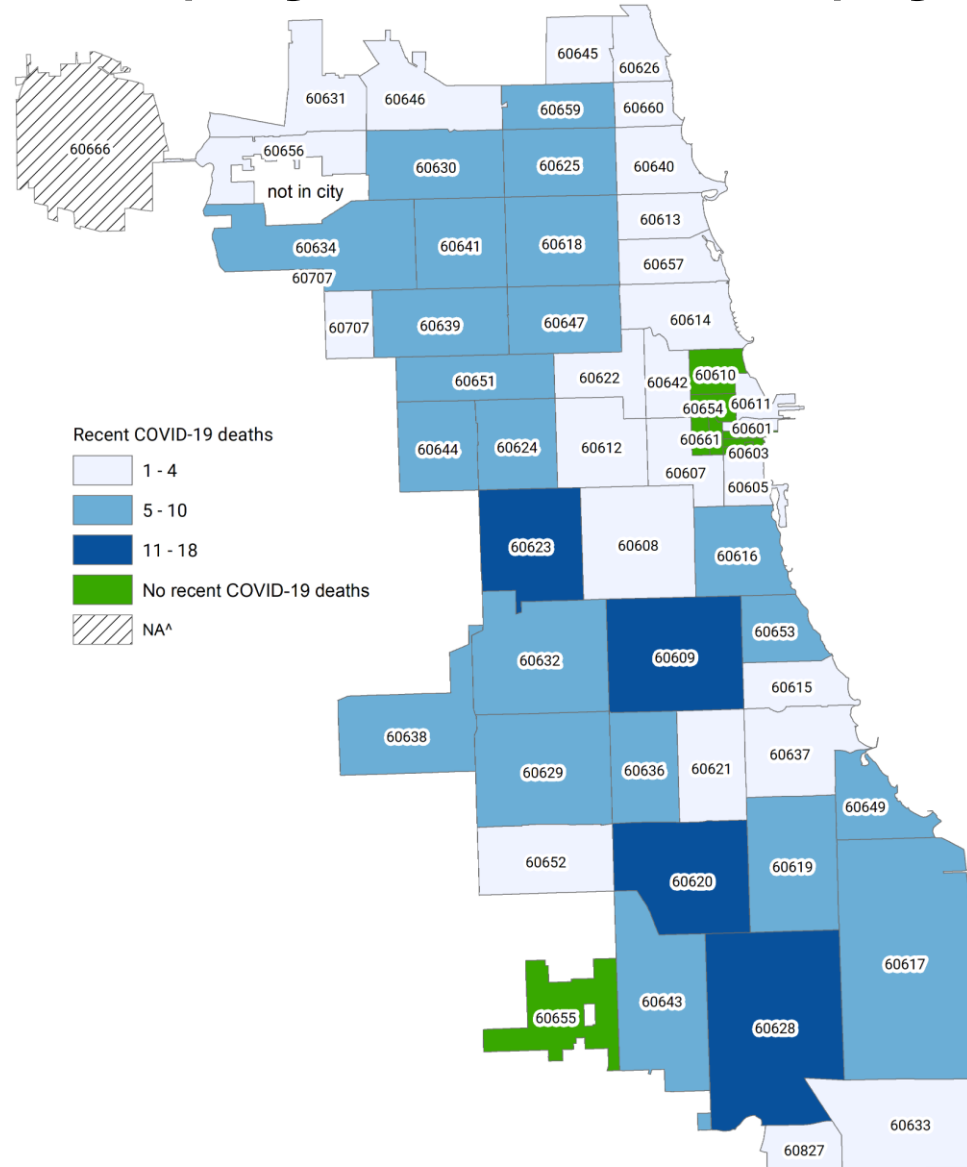


Age Group (years)	Latinx	% of Age grp	Black, NL	% of Age grp	White, NL	% of Age grp	Asian, NL	% of Age grp	Total	Percent
0-17	0	0%	1	100%	0	0%	0	0%	1	0%
18-44	7	47%	7	47%	1	7%	0	0%	15	6%
45-64	27	29%	52	57%	13	14%	0	0%	92	35%
65+	35	23%	79	52%	30	20%	9	6%	153	59%
Total	69	26%	139	53%	44	17%	9	3%	261	

Percentages are computed using COVID-19 hospitalizations with known race/ethnicity.

Data pulled Wednesday 6/16/21

Recent COVID-19 deaths (May 1 to Jun 22, 2021) by Chicago zip code (n=)



Please note that COVID-19 hospitalizations have significant reporting delays

Cumulative age-specific COVID-19 death rate per 100,000 by race/ethnicity



Age group (years)	Latinx	Black, non-Latinx	White, non-Latinx	Asian, non-Latinx	Chicago
0-29	4.7	6.4	1.3	2.9	4.1
30-44	69.5	65.7	3.5	15.0	37.0
45-64	395.1	276.8	79.4	98.2	230.9
65+	1,487.9	1,227.3	772.9	775.4	1,074.7

Data source: U.S. Census Bureau, American Community Survey 2019 1-year estimates