



# Protecting Chicago: Phase IV Re-Opening Metrics Update

**June 18th, 2021**

**(Data current through 6/16/2021)**

# Chicago COVID-19 Community Metrics, Phase IV, current status

	Risk/Trajectory as of 6/17/2021	Very high risk	High risk	Moderate risk	Lower risk	Controlled transmission
COVID cases diagnosed per day Chicago residents 7-day rolling daily average	LOWER DECLINING <b>59</b>	800+ -or- 7+ consecutive days more than 15% higher than daily average one week prior	400 - 799 -or- 5+ consecutive days more than 10% higher than daily average one week prior	200 - 399 -and- decreasing or stable compared to daily average one week prior	20 – 199 -and- decreasing or stable compared to daily average one week prior	<20
COVID test positivity Chicago residents 7-day rolling daily average	CONTROLLED DECLINING <b>0.7%</b>	10%+ -or- 7+ consecutive days more than 15% higher than daily average one week prior	6.6 - 9.9% -or- 5+ consecutive days more than 10% higher than daily average one week prior	5.0 - 6.5% -and- decreasing or stable compared to daily average one week prior	2 - 4.9% -and- decreasing or stable compared to daily average one week prior	<2%
Emergency dept visits w <b>COVID diagnosis</b> Chicago residents 7-day rolling daily average	LOWER DECLINING <b>18</b>	200+ -or- 7+ consecutive days more than 15% higher than daily average one week prior	150-199 -or- 5+ consecutive days more than 10% higher than daily average one week prior	50 - 149 -and- decreasing or stable compared to daily average one week prior	10 - 49 -and- decreasing or stable compared to daily average one week prior	<10
Non-ICU beds occupied by COVID patients Chicago hospitals 7-day rolling daily average	LOWER DECLINING <b>150</b>	1250+ or- 7+ consecutive days more than 15% higher than daily average one week prior	750 – 1249 -or- 5+ consecutive days more than 10% higher than daily average one week prior	250 - 749	100 - 249	<100
ICU beds occupied by COVID patients Chicago hospitals 7-day rolling daily average	LOWER DECLINING <b>55</b>	400+ -or- <20% overall ICU bed availability	300 - 399 -or- <22% overall ICU bed availability	100 - 299	20 - 99	<20



# **COVID-19 Outcomes by Race/Ethnicity and Geography**

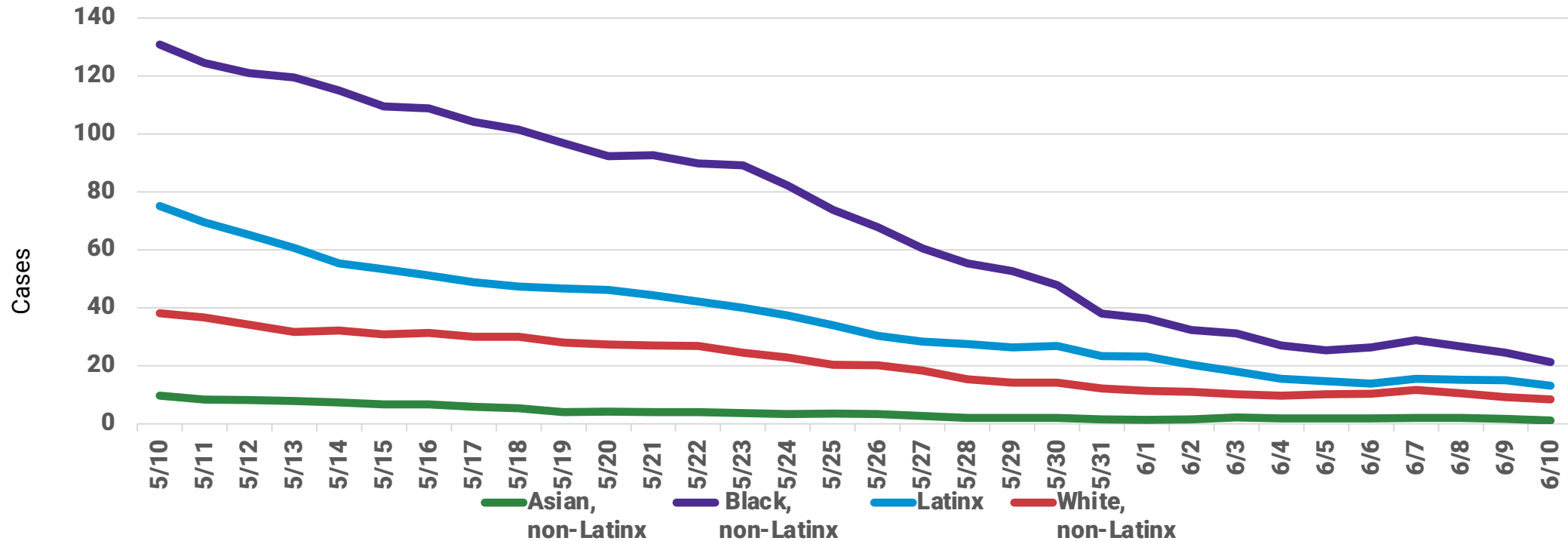


# Diagnosed Cases

# Incident cases are highest for Black, non-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 12<sup>th</sup> (comparisons to week ending June 5<sup>th</sup>)



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	24	<b>38%</b>	4	23	36%	-12	13	20%	-6	1	2%	-5	79 (19%)	-33
18-44	49	33%	-13	62	<b>42%</b>	-19	25	17%	-1	4	3%	-1	<b>188 (50%)</b>	-63
45-64	22	25%	-1	46	<b>53%</b>	-17	15	17%	-6	1	1%	-3	104 (25%)	-31
65+	7	16%	2	17	<b>40%</b>	1	12	28%	-6	4	9%	2	47 (11%)	-6
Total	102	30%	-8	148	<b>43%</b>	-47	65	19%	-19	10	3%	-7	418	-133

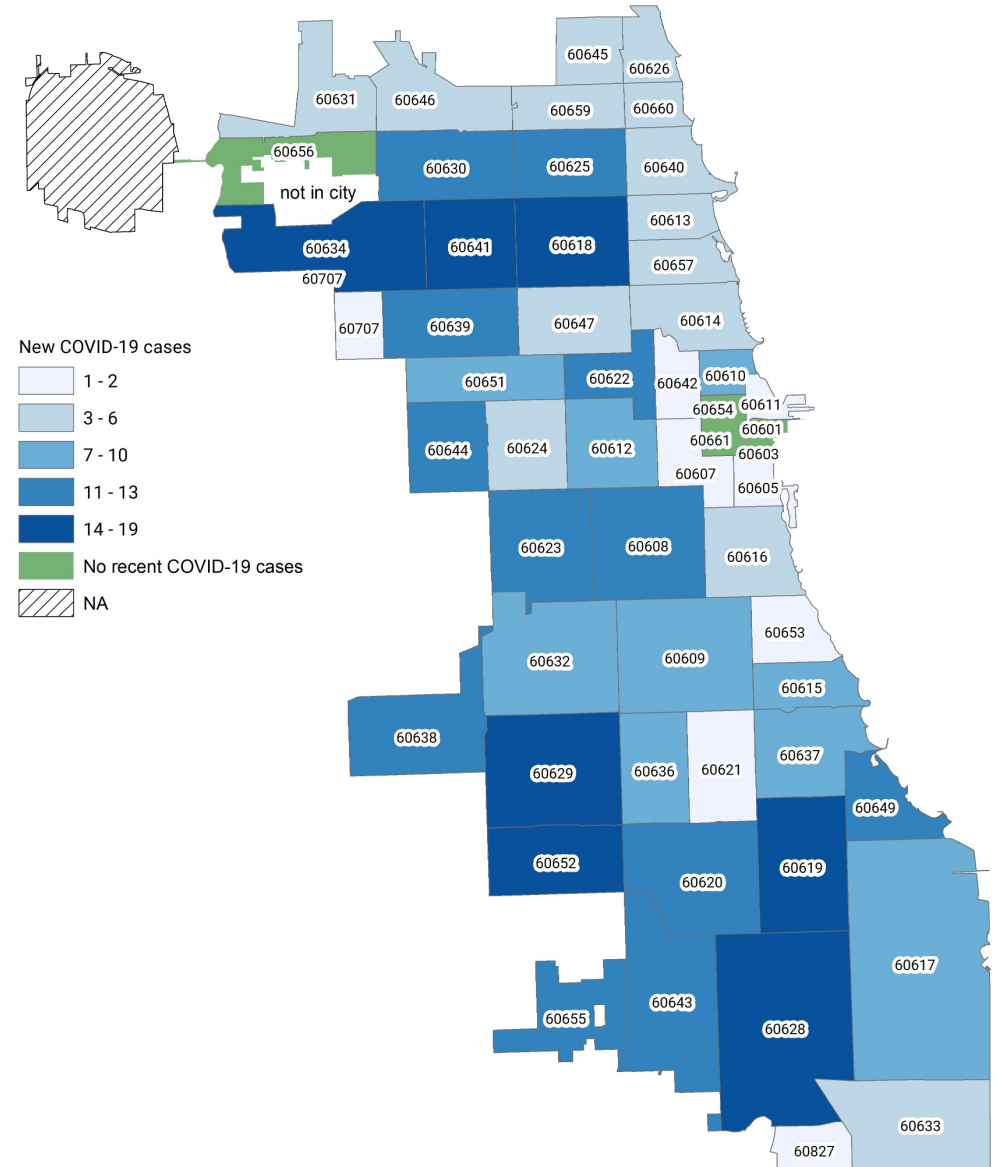
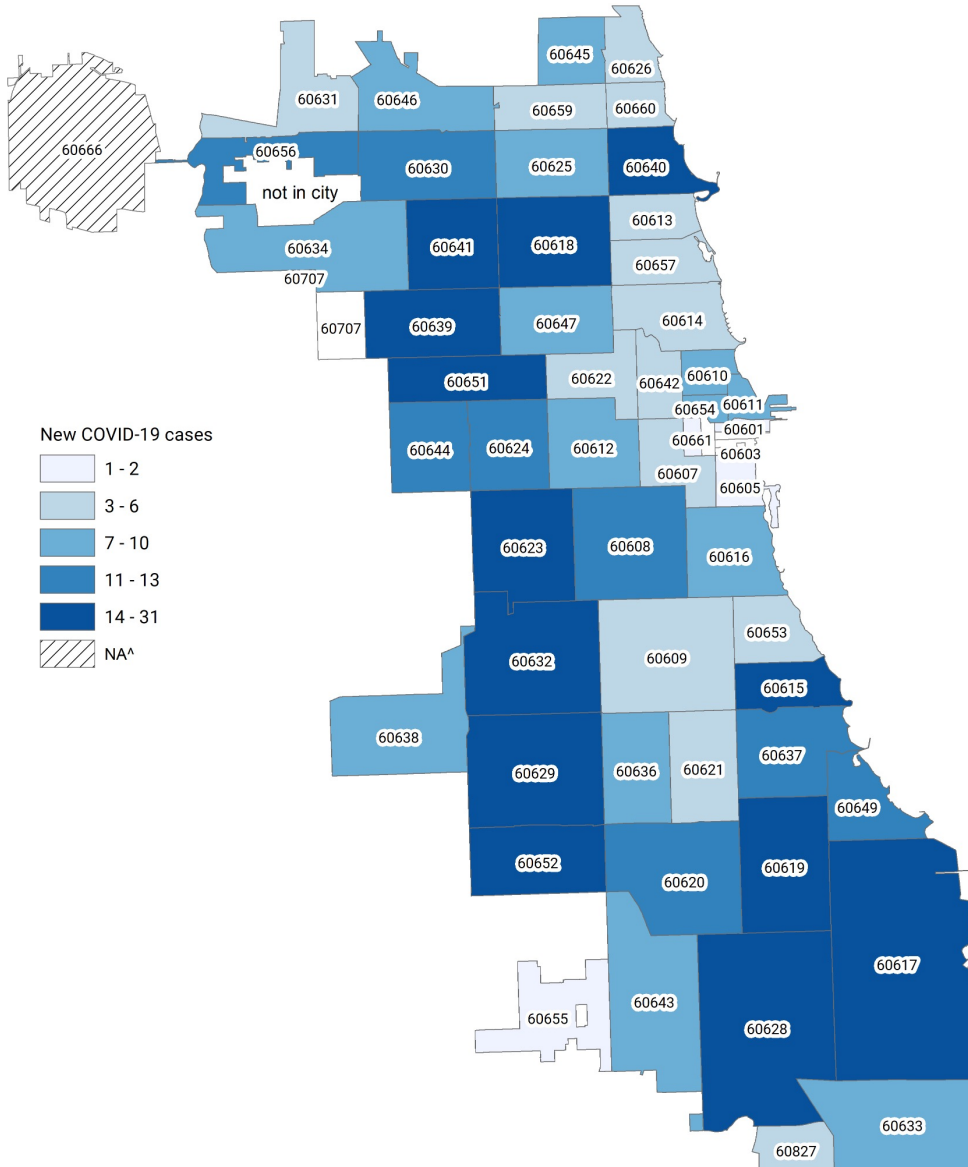
Percentages are computed using confirmed COVID-19 cases with known race/ethnicity.

Data pulled Wednesday 6/16/21

# Changes in weekly case counts by zip code

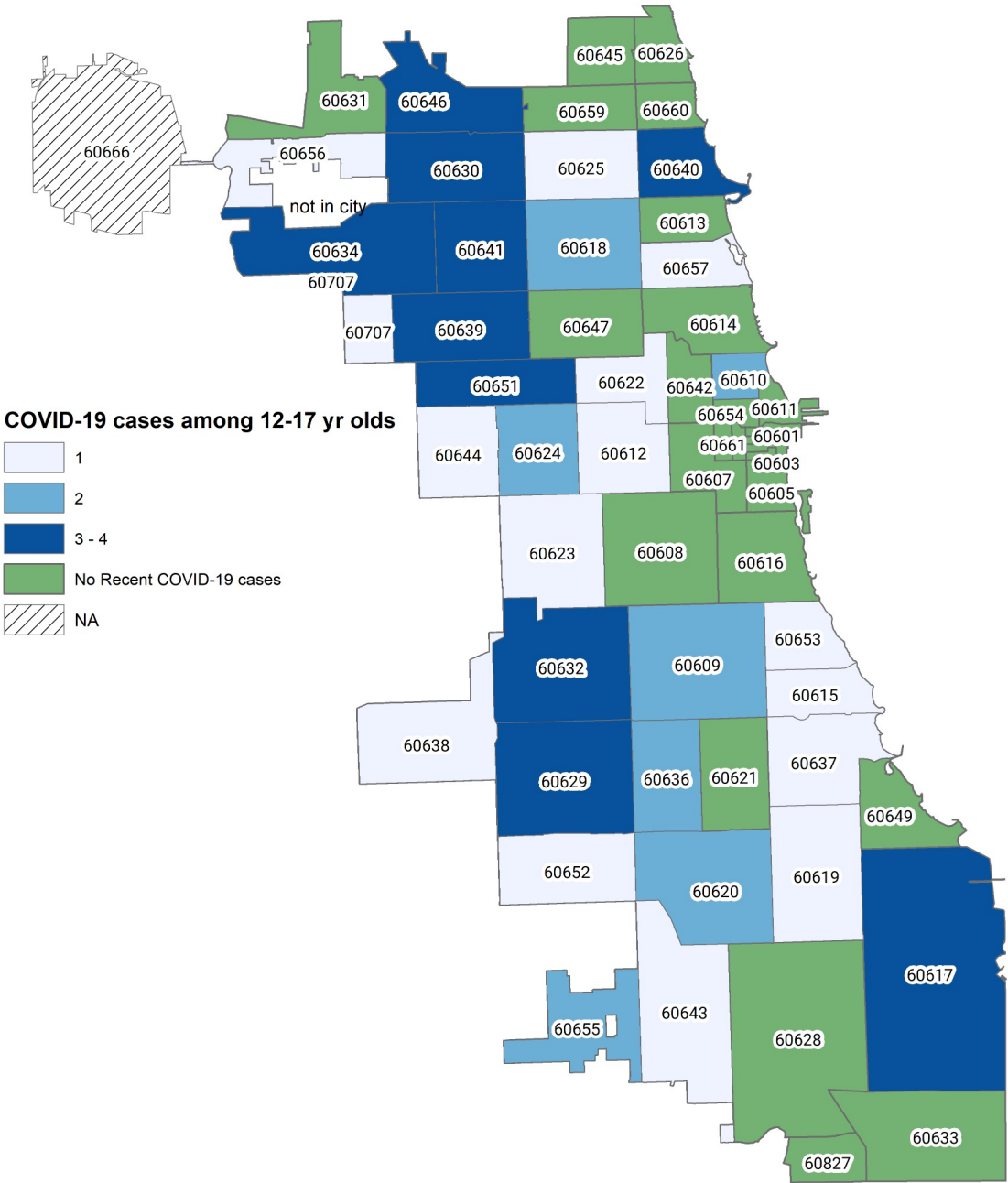
Week ending 6/5/21 (n=551)

Week ending 6/12/21 (n=418)



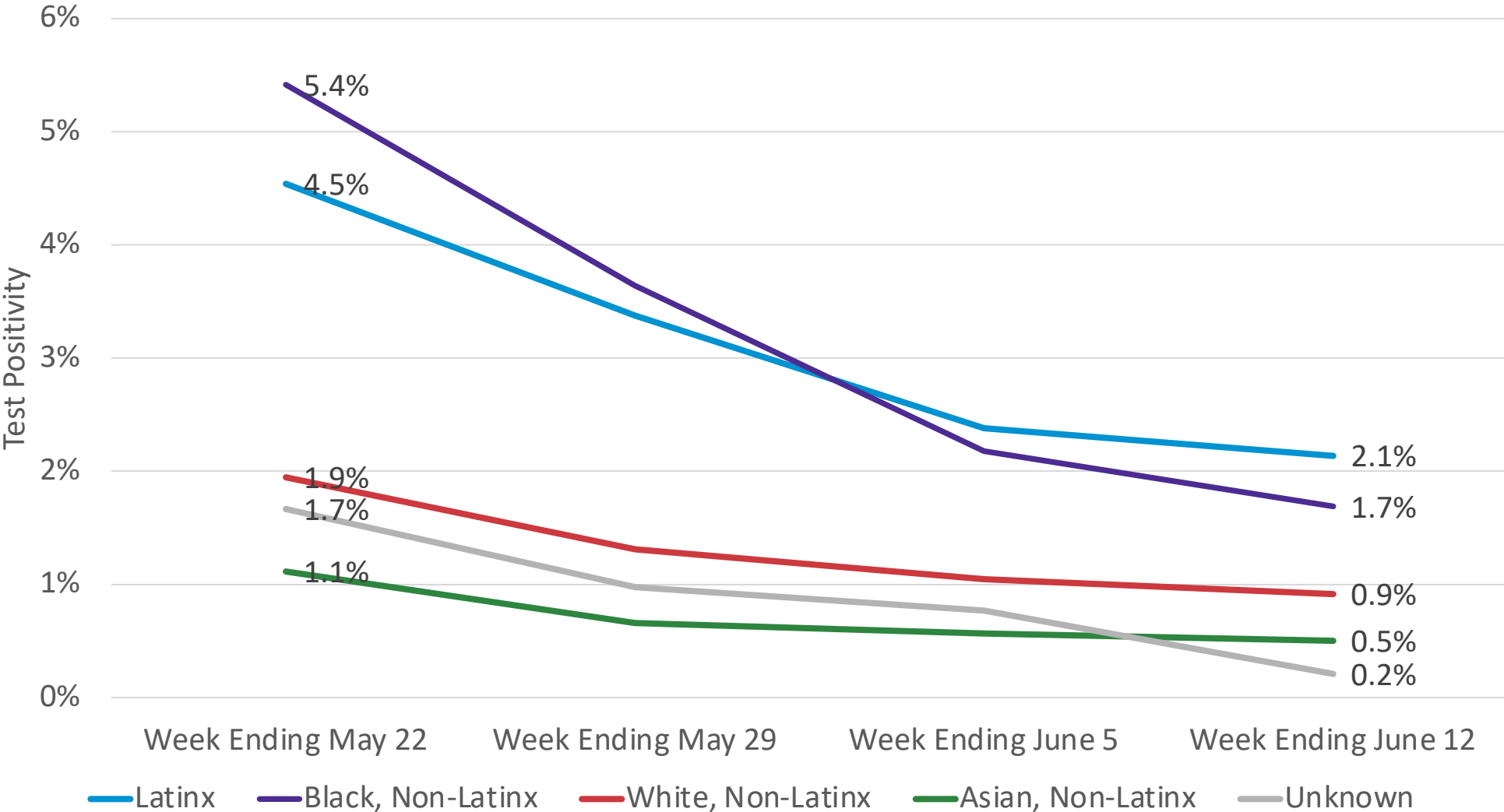
Note: Week is data through the Wednesday after the end date for the week. Week 23 June 12<sup>th</sup> and week 22 ending June 5<sup>th</sup>

# Recent COVID-19 cases (May 30<sup>th</sup> to Jun 12<sup>th</sup>) among 12–17-year-olds by Chicago zip code





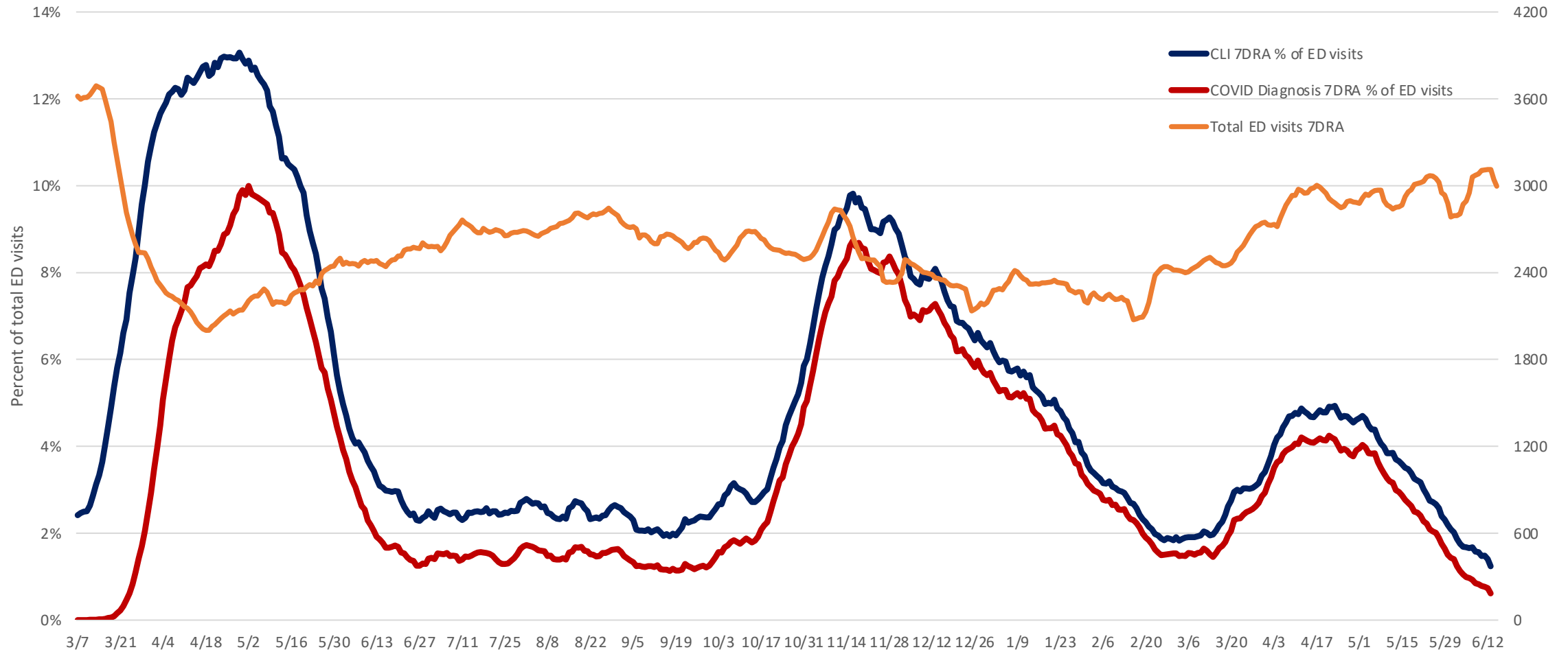
# Test positivity by Race-Ethnicity (May 16 – June 12, 2021)



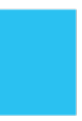


# Emergency Department Visits

# 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

# COVID-19 hospitalizations, entire epidemic with table.



Month	Year	Hospital Admits frequency	Cumulative frequency
March	2020	1,653	1,653
April	2020	4,860	6,513
May	2020	3,250	9,763
June	2020	966	10,729
July	2020	763	11,492
August	2020	785	12,277
September	2020	752	13,029
October	2020	1,743	14,772
November	2020	3,734	18,506
December	2020	2,998	21,504
January	2021	2,064	23,568
February	2021	978	24,546
March	2021	985	25,531
April	2021	1,651	27,182
May	2021	1,138	28,320
June	2021	171	28,491

COVID-19 Hospital admissions, rolling 7-day average

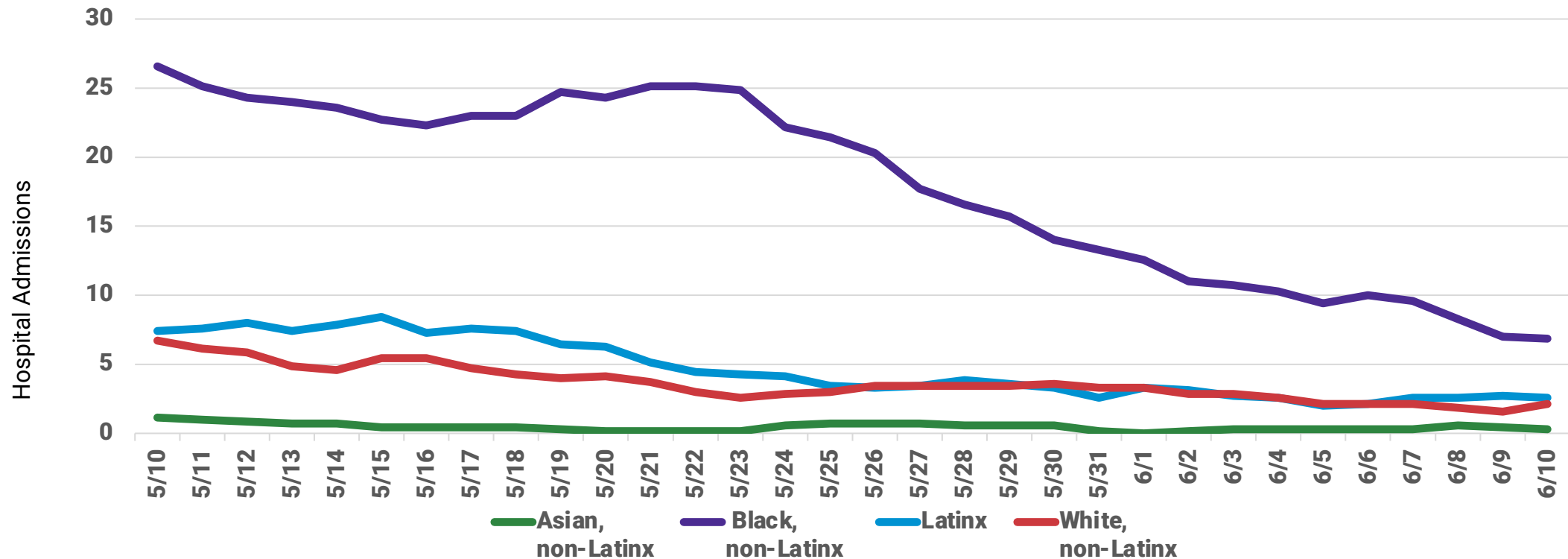


Hospitalizations are reported to CDPH by hospitals into I-NEDSS and ESSENCE and self-reported by patients via an online survey. Daily counts for most recent dates displayed are likely incomplete. Cases who are not indicated to have been hospitalized across any of the three data sources are assumed to 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.

# 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 (May 30– Jun 12, 2021)

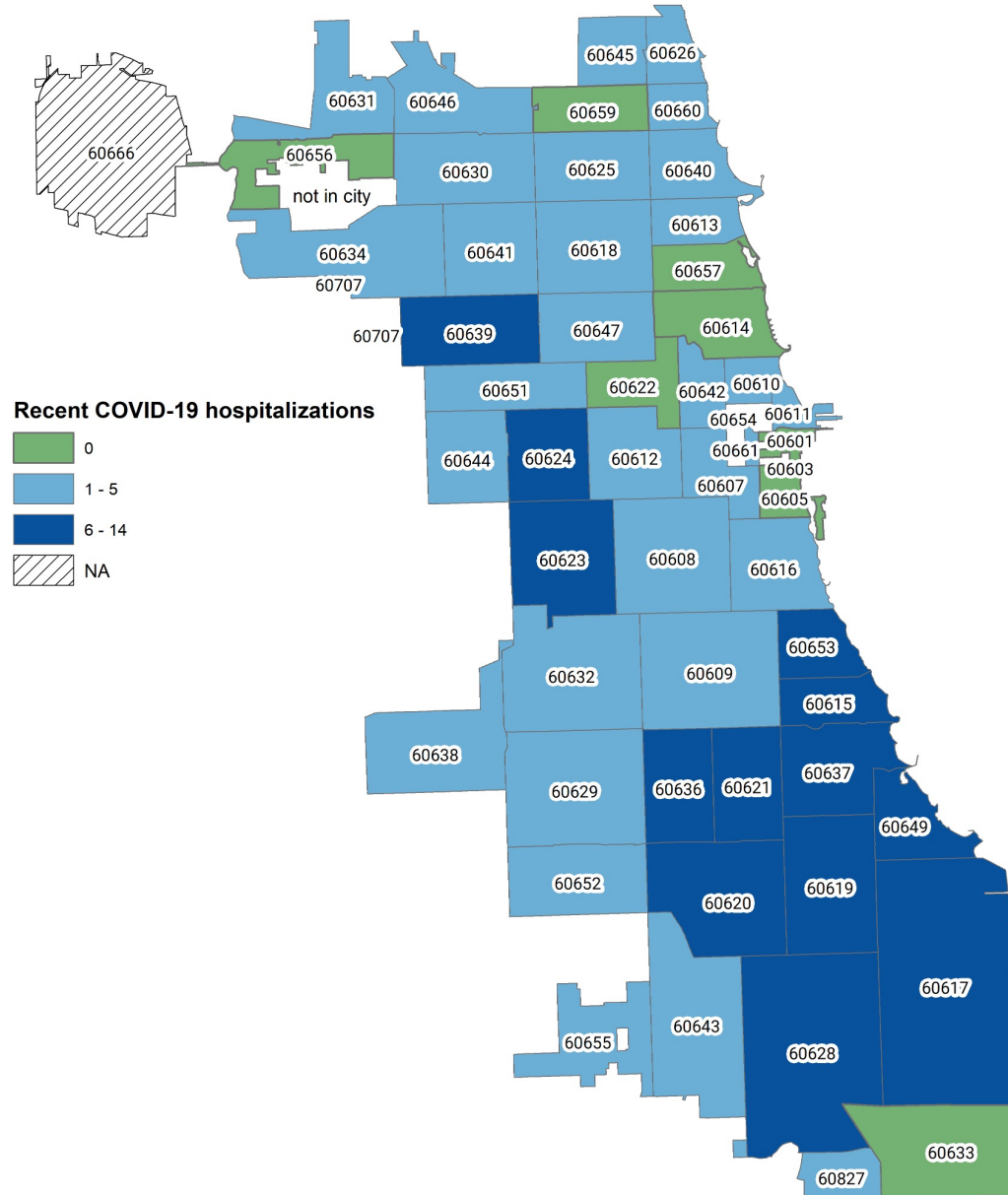


Age Group (years)	Latinx	% of Age grp	Black, NL	% of Age grp	White, NL	% of Age grp	Asian, NL	% of Age grp	Total	Percent
0-17	2	25%	2	25%	1	13%	2	25%	9	7%
18-44	8	28%	17	59%	3	10%	0	0%	30	23%
45-64	10	18%	43	75%	4	7%	0	0%	58	44%
65+	5	17%	14	47%	9	30%	0	0%	35	27%
Total	25	20%	76	61%	17	14%	2	2%	132	

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

Data pulled Wednesday 6/16/21

# Recent COVID-19 hospitalizations by Chicago zip code (May 30–Jun 12, 2021) n=132



Please note that COVID-19 hospitalizations have significant reporting delays



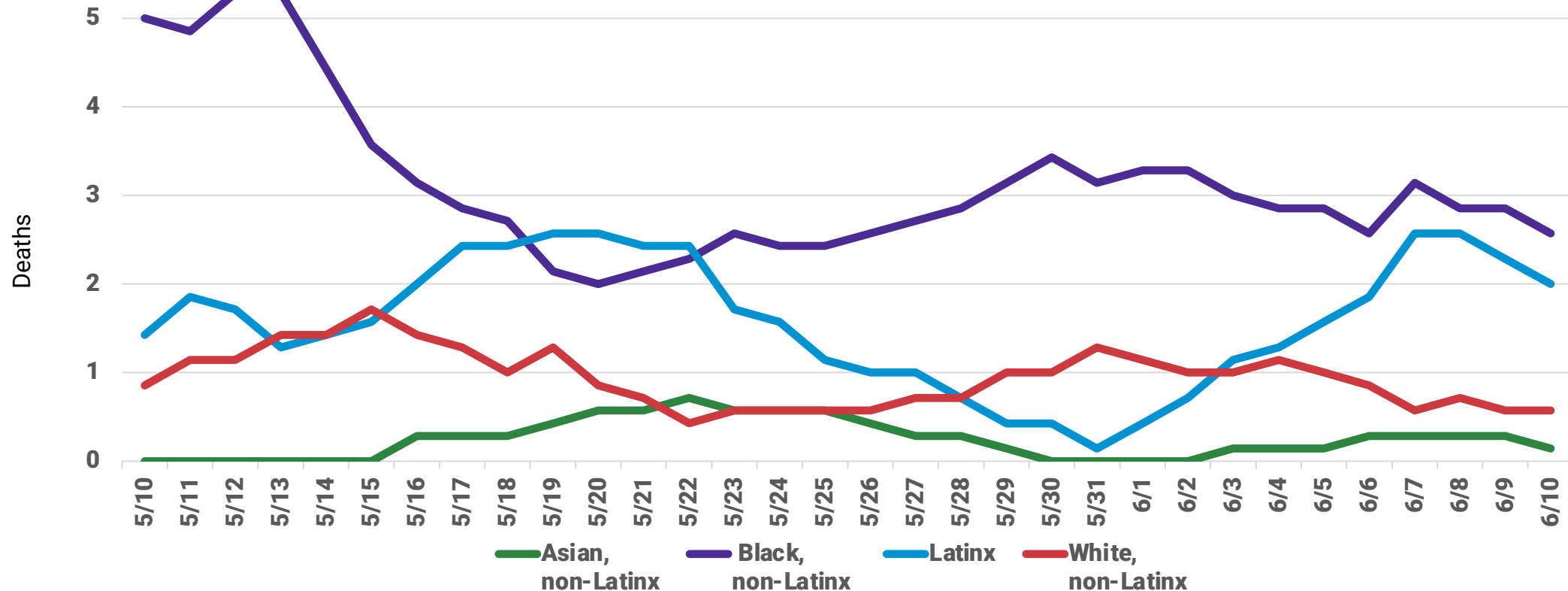


# Deaths

# Daily COVID-19 deaths are now equal for Latinx and Black, non-Latinx. Direction varies by Race/Ethnicity.



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 1<sup>st</sup> to Jun 15<sup>th</sup>) by race/ethnicity and age group

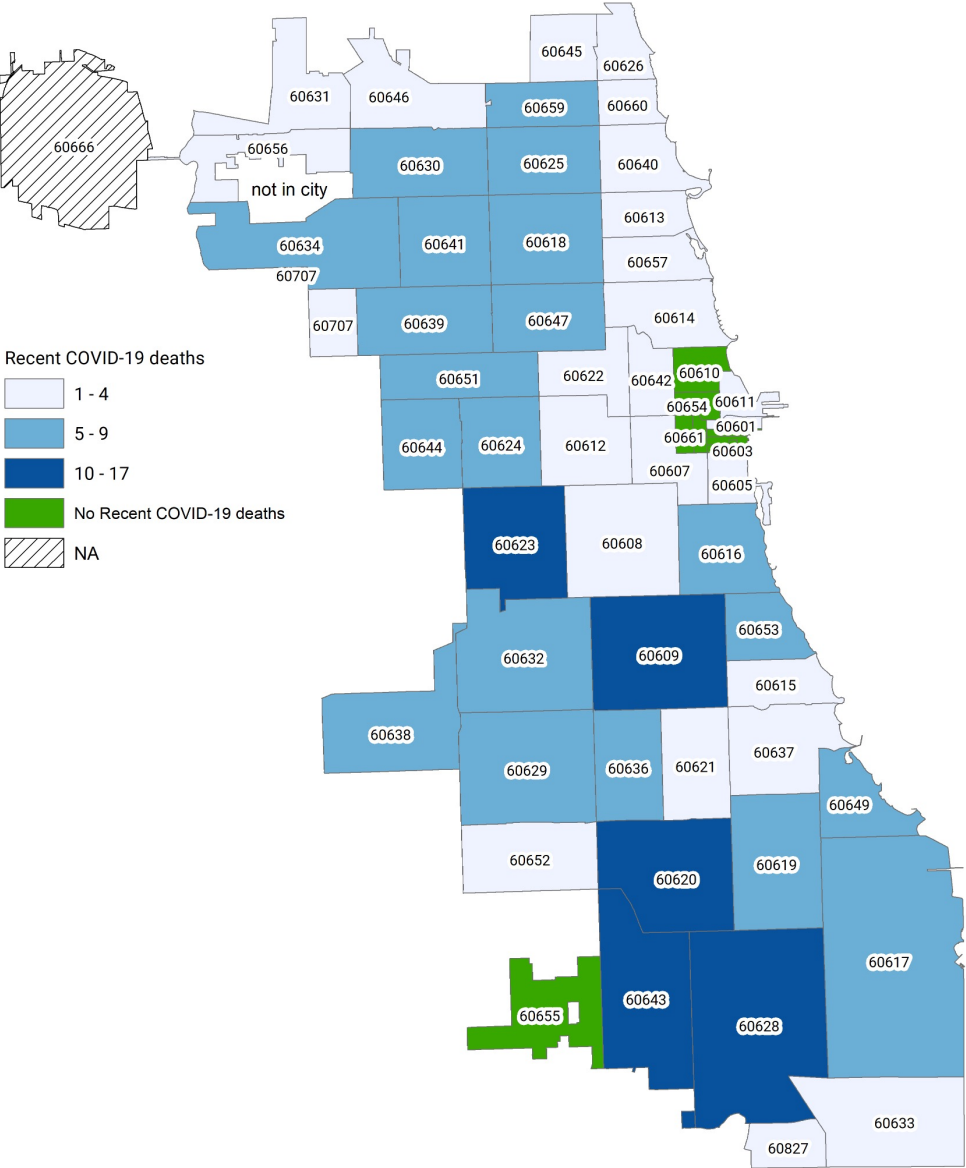


Age Group (years)	Latinx	% of Age grp	Black, NL	% of Age grp	White, NL	% of Age grp	Asian, NL	% of Age grp	Total	Percent
0-17	0	0%	1	<b>100%</b>	0	0%	0	0%	1	0%
18-44	6	<b>46%</b>	6	<b>46%</b>	1	8%	0	0%	13	5%
45-64	28	31%	50	<b>55%</b>	12	13%	0	0%	91	36%
65+	33	22%	78	<b>53%</b>	29	20%	8	5%	148	58%
Total	67	26%	135	<b>53%</b>	42	17%	8	3%	253	

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 15, 2021) by Chicago zip code (n=253)



# 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	<b>69.5</b>	<b>65.7</b>	3.5	15.0	37.0
45-64	<b>395.1</b>	<b>276.8</b>	79.4	98.2	230.9
65+	<b>1,487.9</b>	<b>1,227.3</b>	772.9	775.4	1,074.7

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