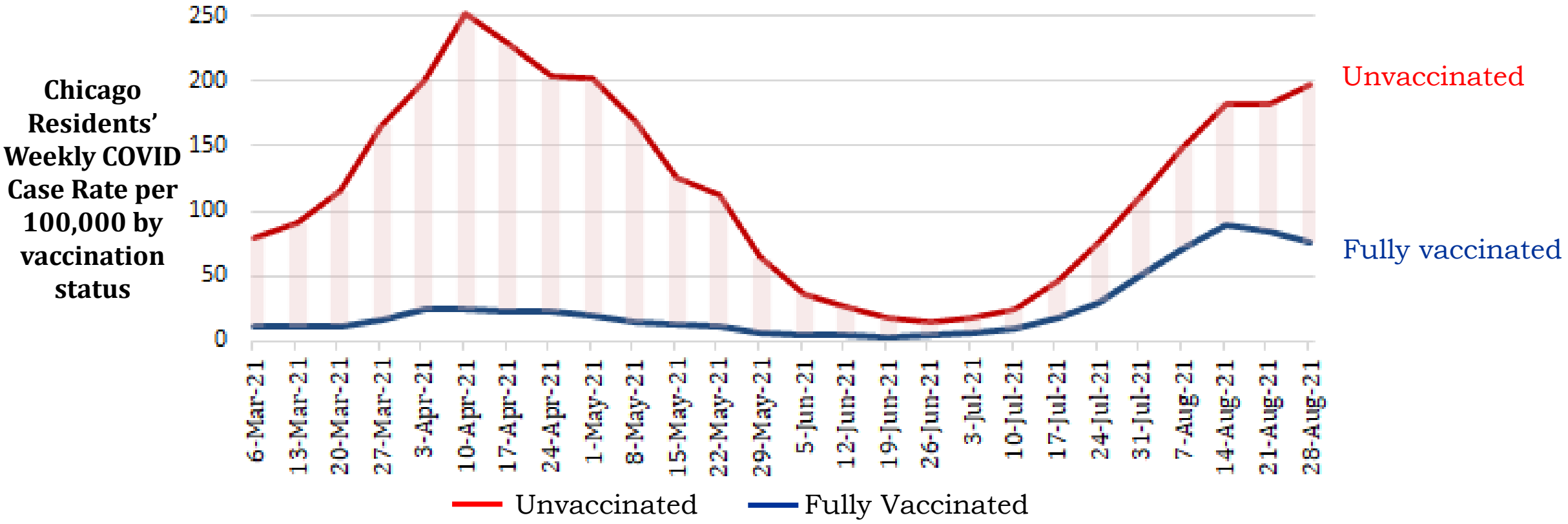
Chicago COVID-19 Community Transmission and Risk Matrix

	VERY HIGH TRANSMISSION	HIGH TRANSMISSION	SUBSTANTIAL TRANSMISSION	LOWER TRANSMISSION	LOW TRANSMISSION
COVID-19 CASES DIAGNOSED PER DAY Chicago residents - 7-day rolling daily average	800+	400 – 799 **Current: 455** Decreasing	200 – 399	20 – 199	<20
COVID-19 TEST POSITIVITY Chicago residents - 7-day rolling daily average	10%+	6.6 – 9.9%	5.0 – 6.5%	2 – 4.9% **Current: 3.8%** Decreasing	<2%
HOSPITAL BEDS (NON-ICU) OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average	1250+	750 – 1249	250 – 749 **Current: 267** Increasing	100 – 249	<100
ICU BEDS OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average	400+	300 – 399	100 – 299 **Current: 107** Increasing	20 – 99	<20
Additional considerations within each transmission level	Metric will revert to **very high transmission** if 7+ consecutive days >15% higher than the week prior	Metric will revert to **high transmission** if 5+ consecutive days >10% higher than the week prior	Metrics must continue to decrease or remain stable relative to the week prior	Metrics must continue to decrease or remain stable relative to the week prior	Metrics must continue to decrease or remain stable relative to the week prior

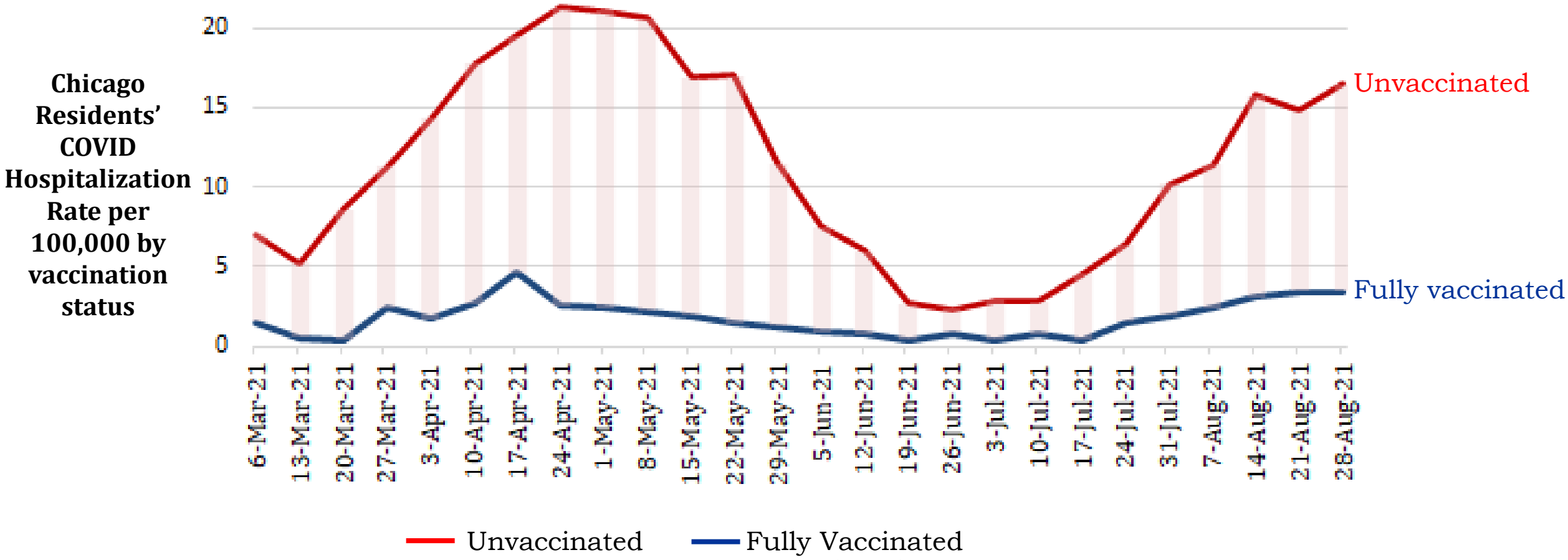
Source: Chicago Department of Public Health, data current as of September 9, 2021. These metrics represent general community COVID transmission and should not be applied to individual settings that have mitigation practices in place.

COVID case rates remain higher among unvaccinated Chicagoans compared to fully vaccinated Chicagoans



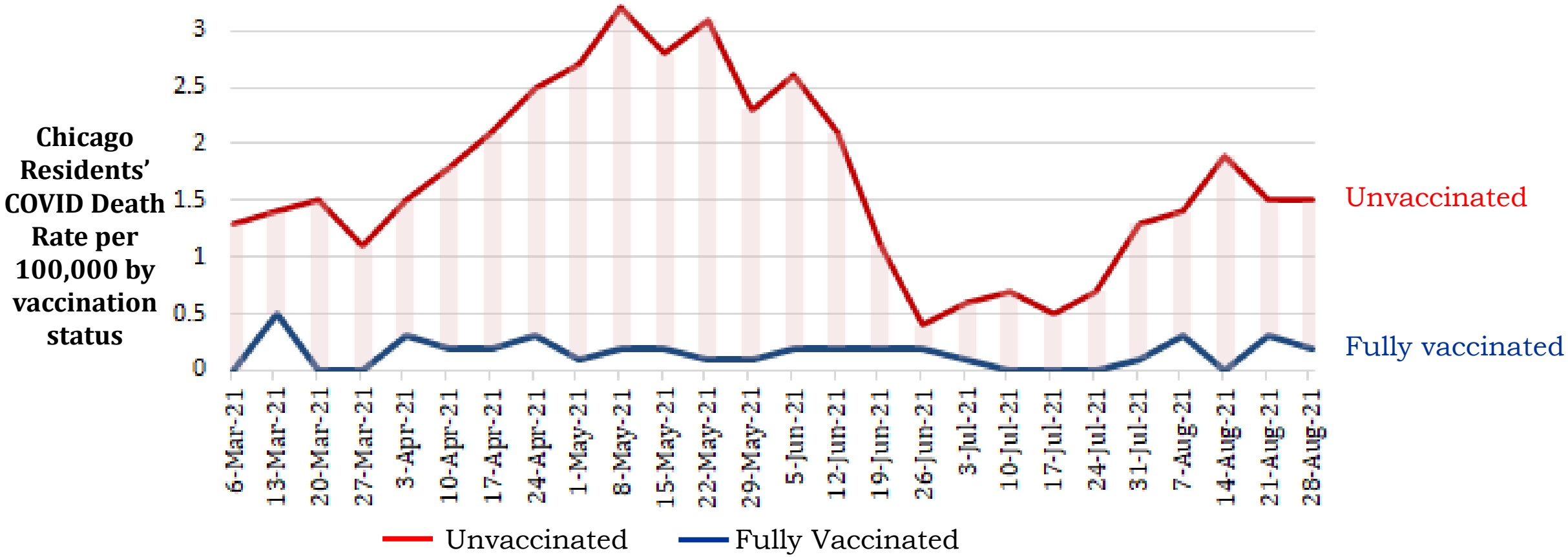
Notes: Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 1/1/2021-8/28/2021, pulled 9/2/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry. Fully vaccinated defined as completion of vaccine series at least 14 days prior to a positive test (with no other positive tests in the previous 45 days). Rate for vaccinated calculated as total cases divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total cases divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.

COVID hospitalization rates remain much higher among unvaccinated Chicagoans compared to fully vaccinated Chicagoans



Notes: Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of hospital admission 1/1/2021-8/28/2021, pulled 9/2/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry. Fully vaccinated defined as completion of vaccine series at least 14 days prior to a positive test (with no other positive tests in the previous 45 days). Rate for vaccinated calculated as total hospitalized cases divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total hospitalized cases divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.

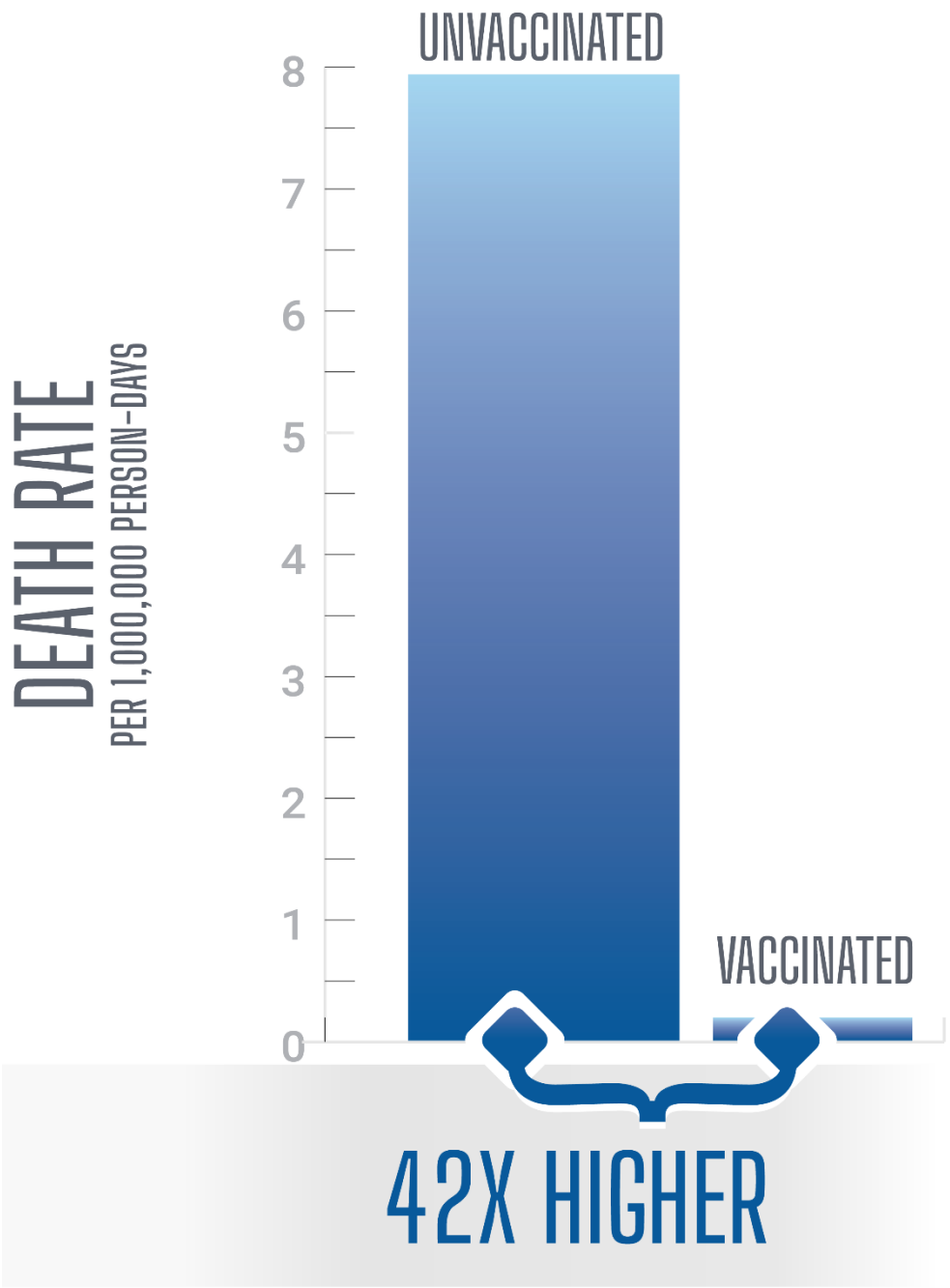
COVID death rates remain much higher among unvaccinated Chicagoans compared to fully vaccinated Chicagoans



Notes: Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of death 1/1/2021-8/28/2021, pulled 9/2/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry. Fully vaccinated defined as completion of vaccine series at least 14 days prior to a positive test (with no other positive tests in the previous 45 days). Rate for vaccinated calculated as total case deaths divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total case deaths divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.

Unvaccinated Latinx

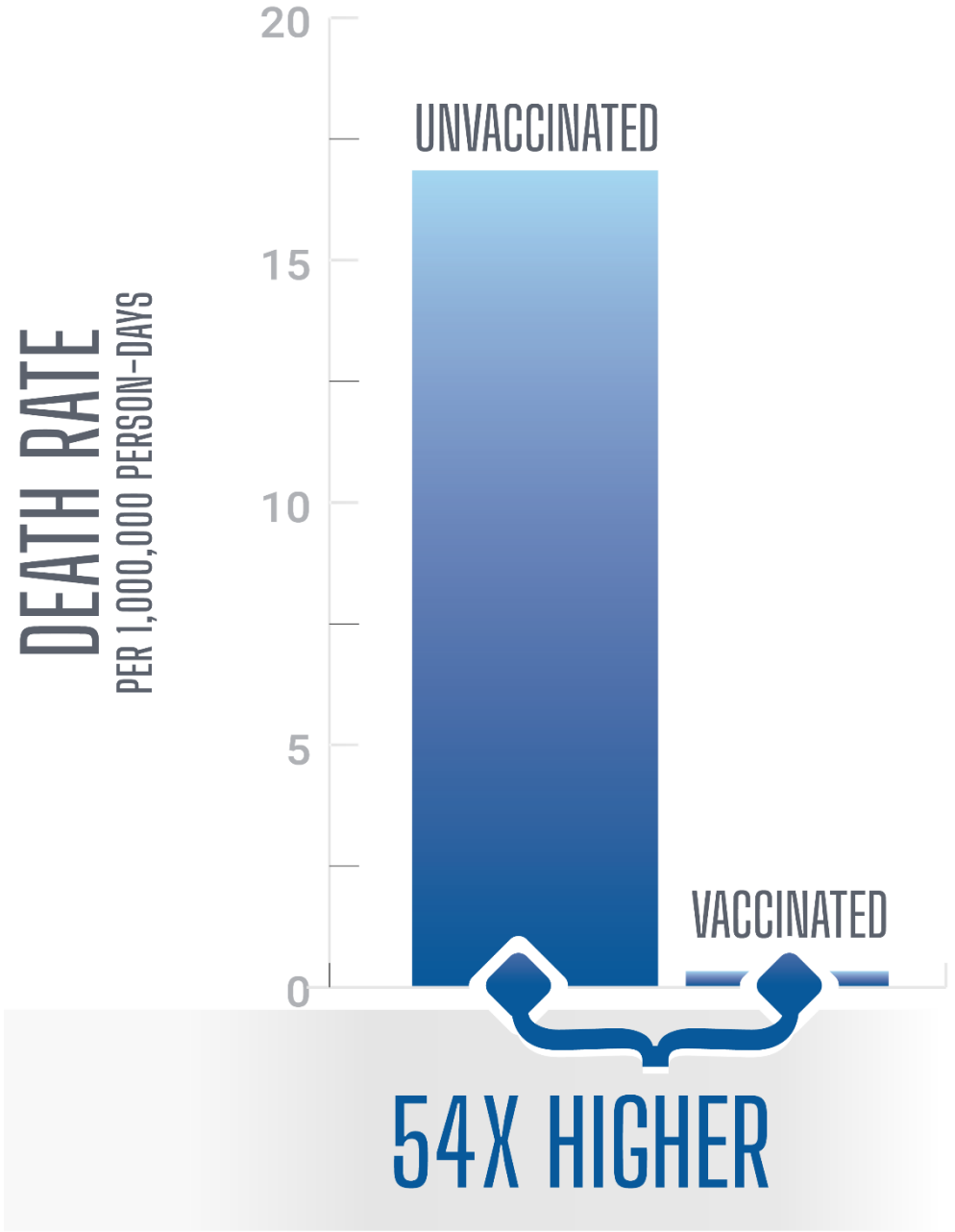
Chicagoans 55-64 years old are **42x** more likely to **DIE** from COVID-19 than vaccinated Latinx Chicagoans in the same age group



Death rate per million person-days by vaccination status
Black, White and Latinx Chicago residents
January 11 to September 2, 2021

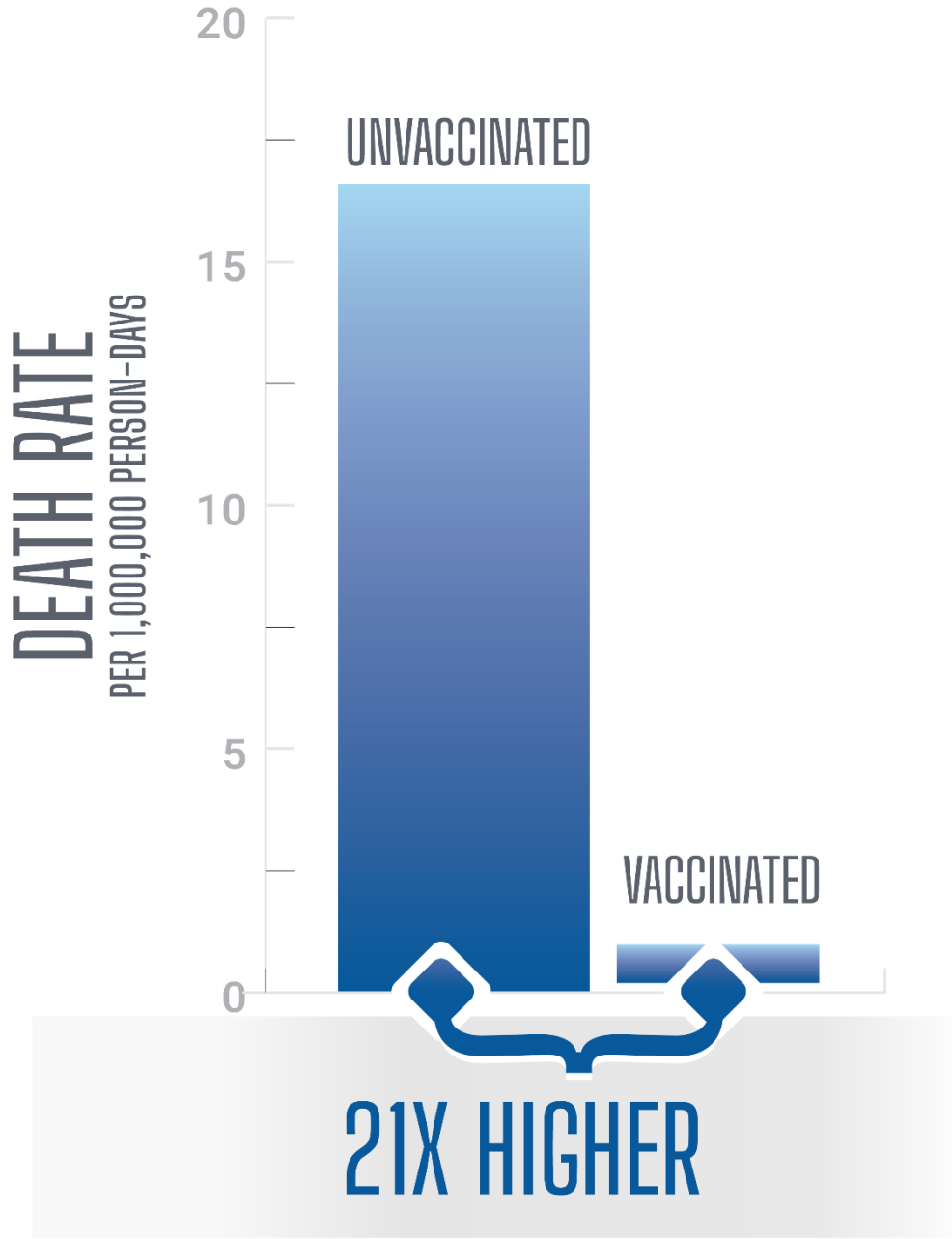
Unvaccinated Latinx

Chicagoans 65-74 years old are **54x** more likely to **DIE** from COVID-19 than vaccinated Latinx Chicagoans in the same age group



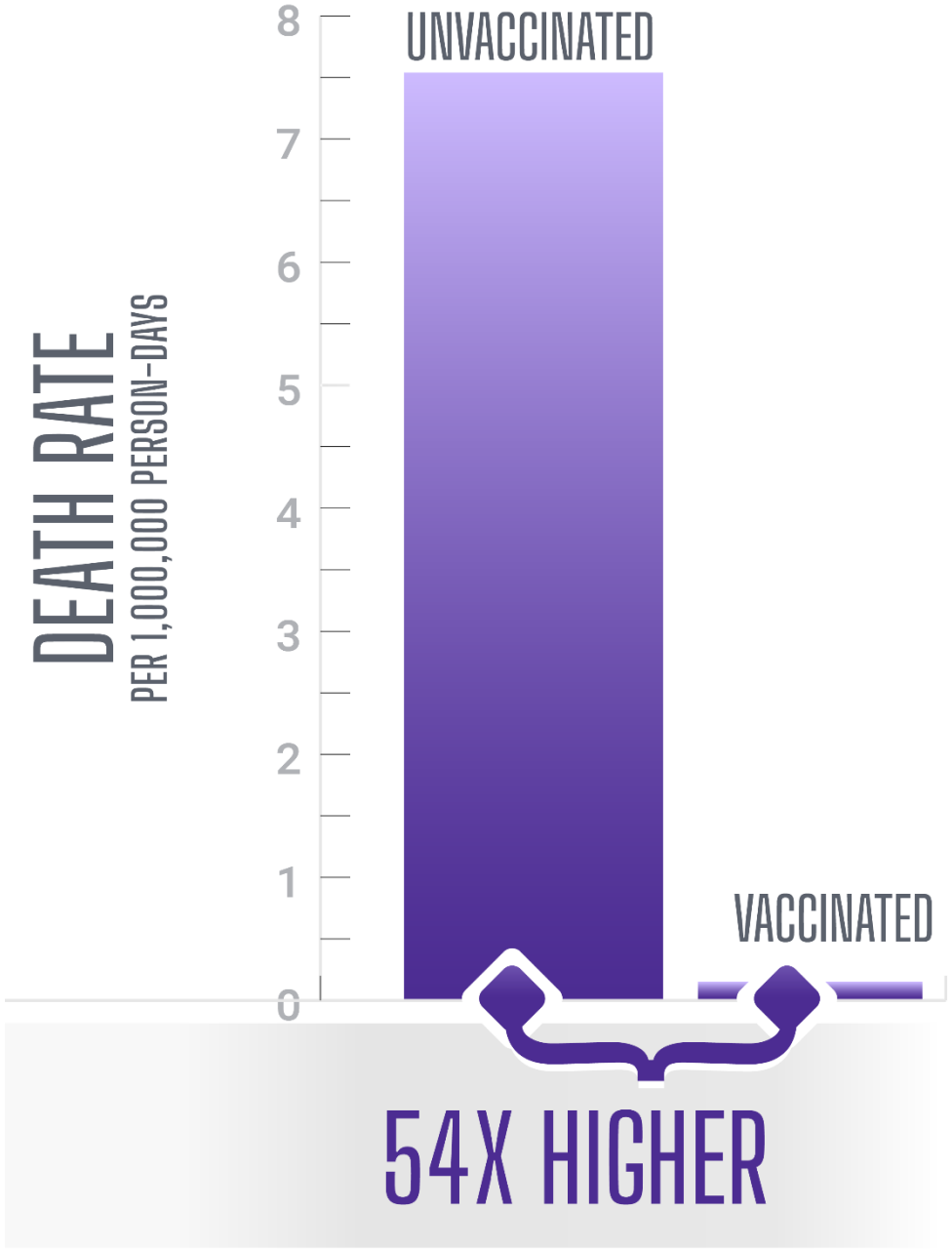
Death rate per million person-days by vaccination status
Black, White and Latinx Chicago residents
January 11 to September 2, 2021

Unvaccinated Latinx Chicagoans 75-84 years old are 21x more likely to DIE from COVID-19 than vaccinated Latinx Chicagoans in the same age group



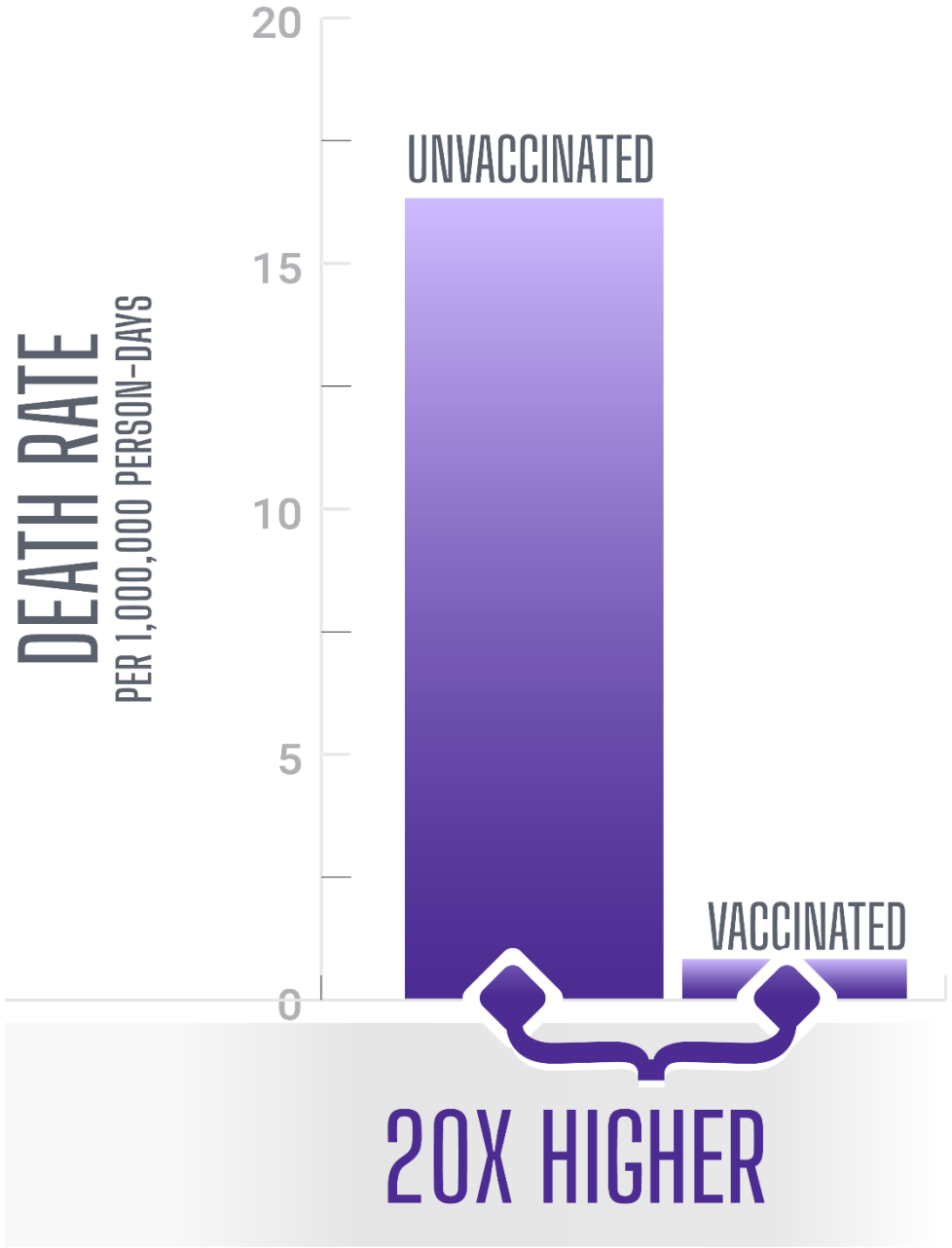
Death rate per million person-days by vaccination status
Black, White and Latinx Chicago residents
January 11 to September 2, 2021

Unvaccinated Black Chicagoans 55-64 years old are 54x more likely to DIE from COVID-19 than vaccinated Black Chicagoans in the same age group



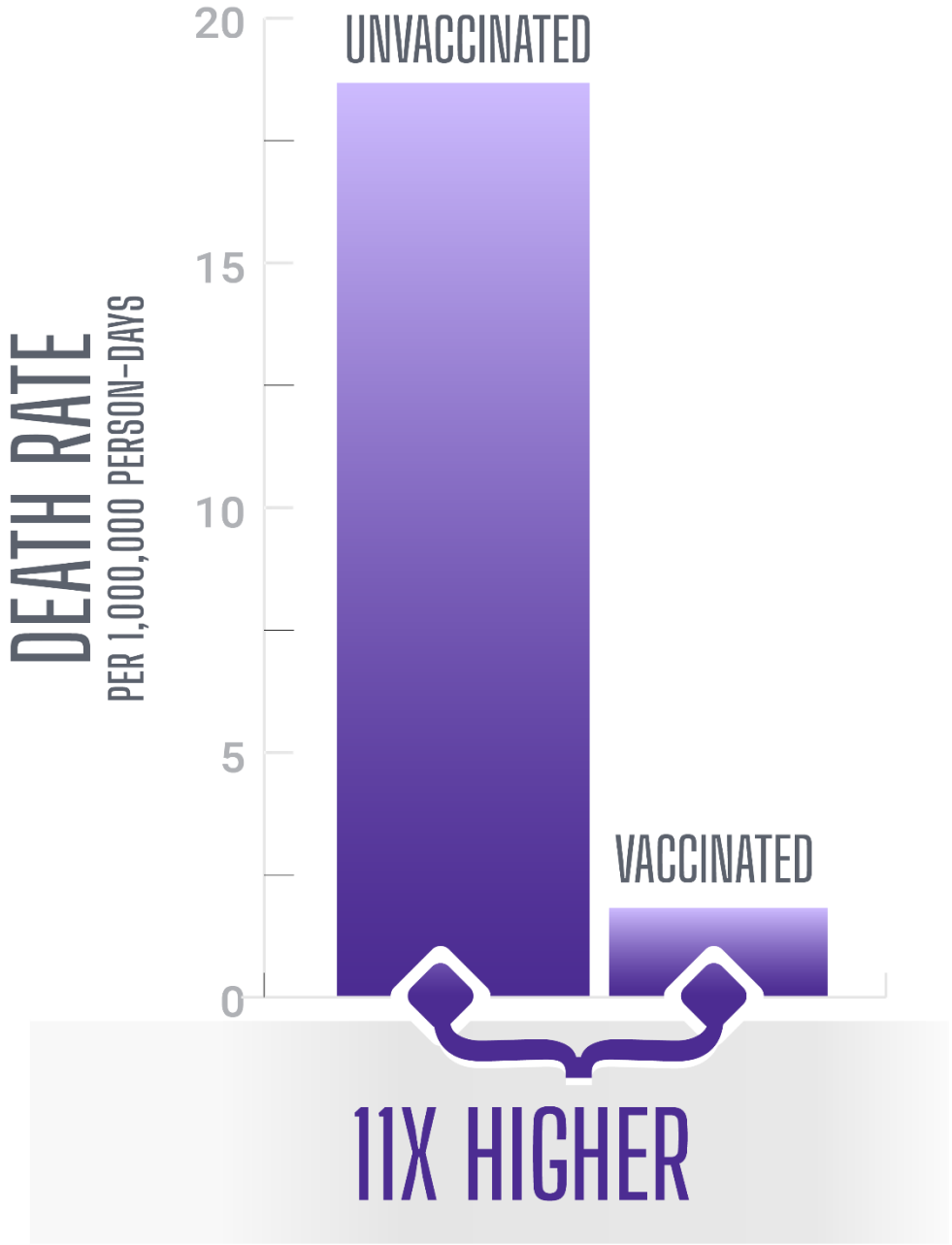
Death rate per million person-days by vaccination status
Black, White and Latinx Chicago residents
January 11 to September 2, 2021

Unvaccinated Black Chicagoans 65-74 years old are 20x more likely to DIE from COVID-19 than vaccinated Black Chicagoans in the same age group



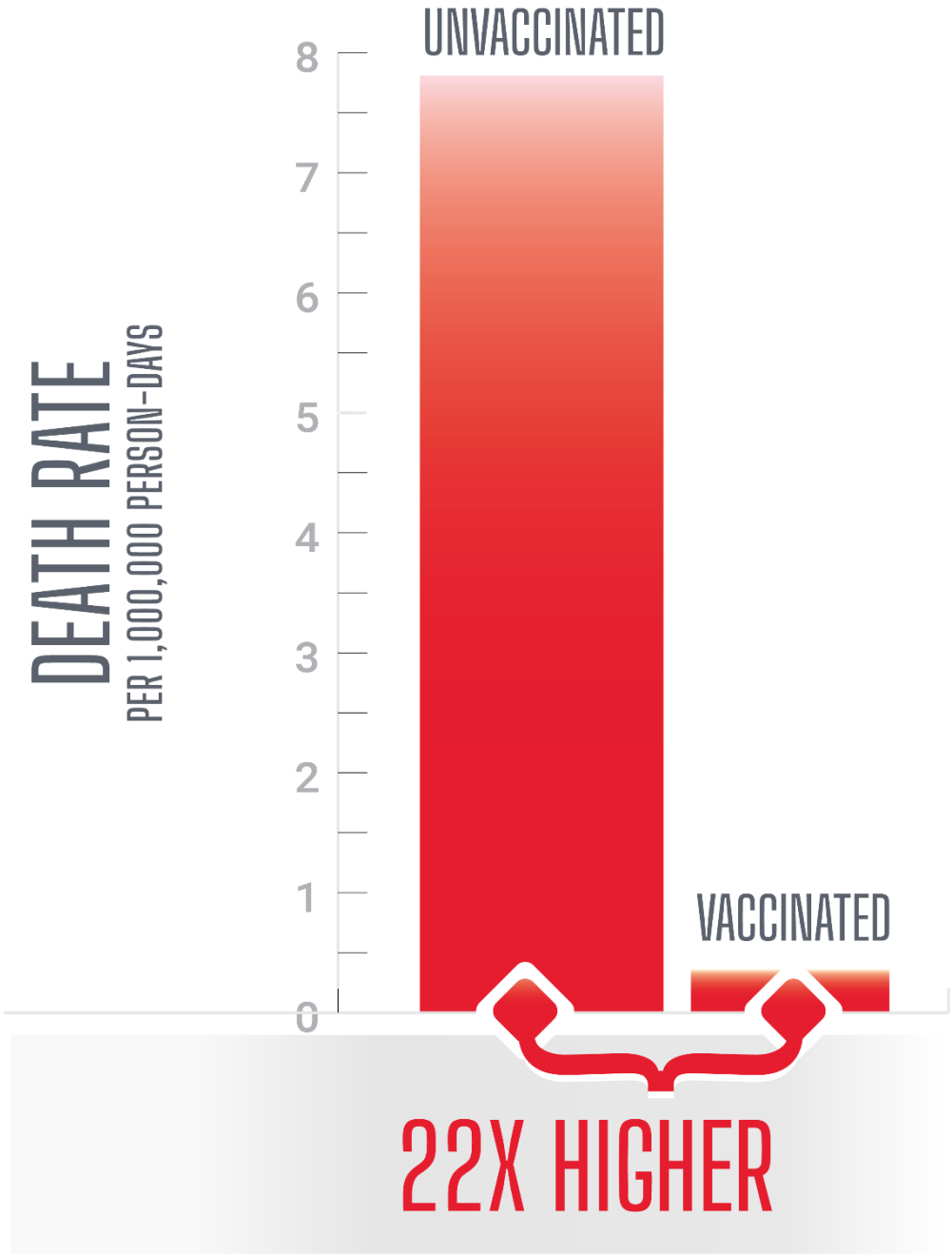
Death rate per million person-days by vaccination status
Black, White and Latinx Chicago residents
January 11 to September 2, 2021

Unvaccinated Black Chicagoans 75-84 years old are 11x more likely to DIE from COVID-19 than vaccinated Black Chicagoans in the same age group



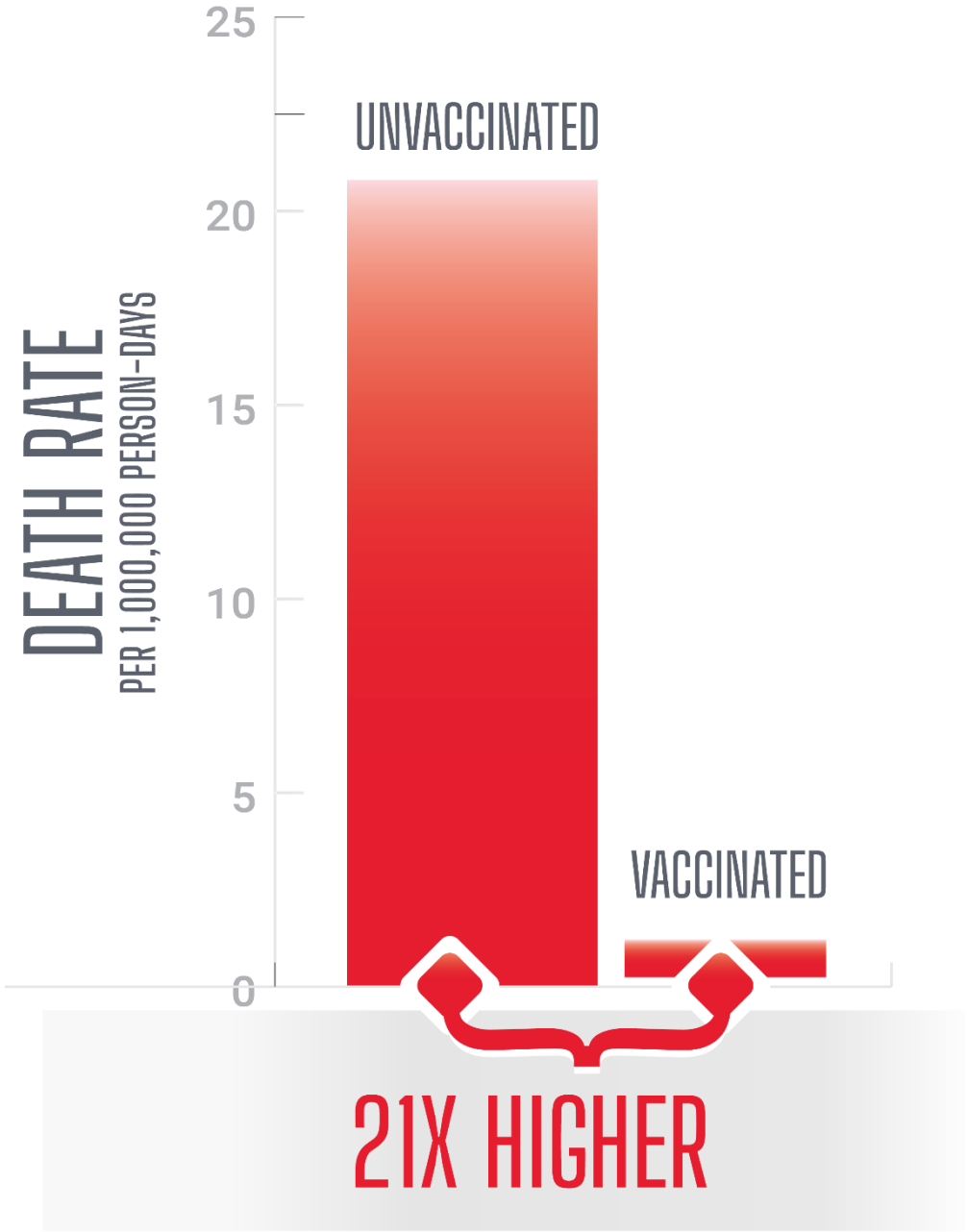
Death rate per million person-days by vaccination status
Black, White and Latinx Chicago residents
January 11 to September 2, 2021

Unvaccinated White Chicagoans 65-74 years old are **22x** more likely to **DIE** from COVID-19 than **vaccinated White** Chicagoans in the same age group



Death rate per million person-days by vaccination status
Black, White and Latinx Chicago residents
January 11 to September 2, 2021

Unvaccinated White Chicagoans 75-84 years old are **21x** more likely to **DIE** from COVID-19 than **vaccinated White** Chicagoans in the same age group



Death rate per million person-days by vaccination status
Black, White and Latinx Chicago residents
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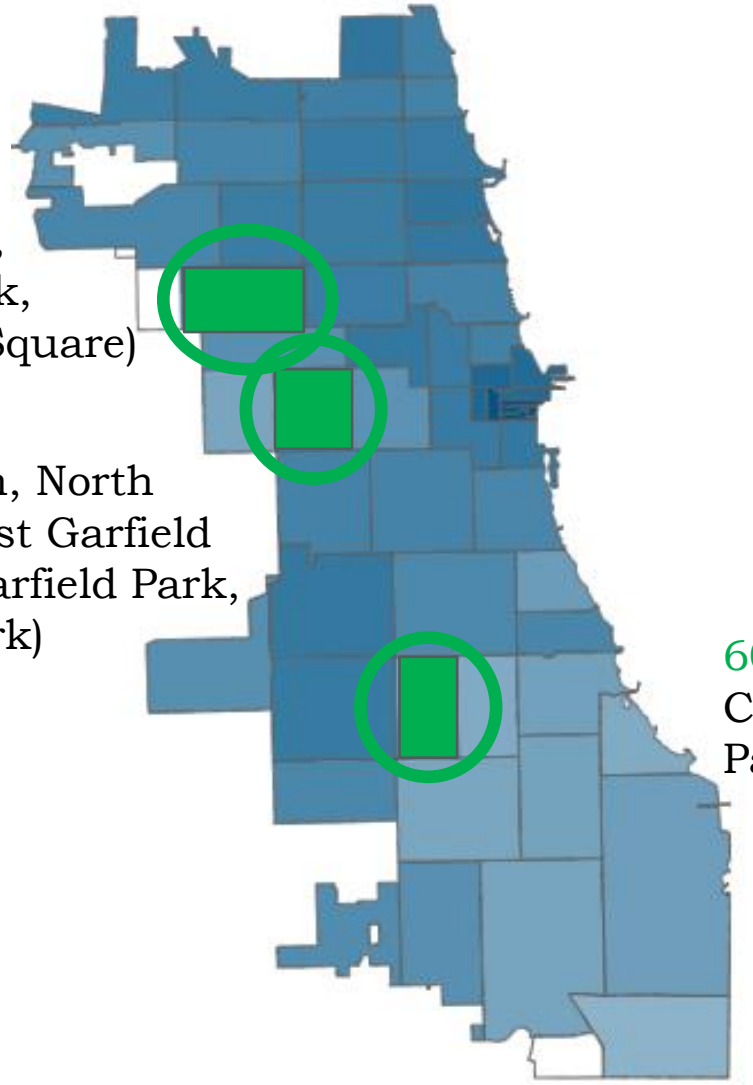
Congratulations to ZIP 60636, 60624 and 60639 for having the biggest increase in 1st dose vaccine coverage (ages 12+) since last week

60639 (Austin, Hermosa, Avondale, Humboldt Park, Belmont Cragin, Logan Square)

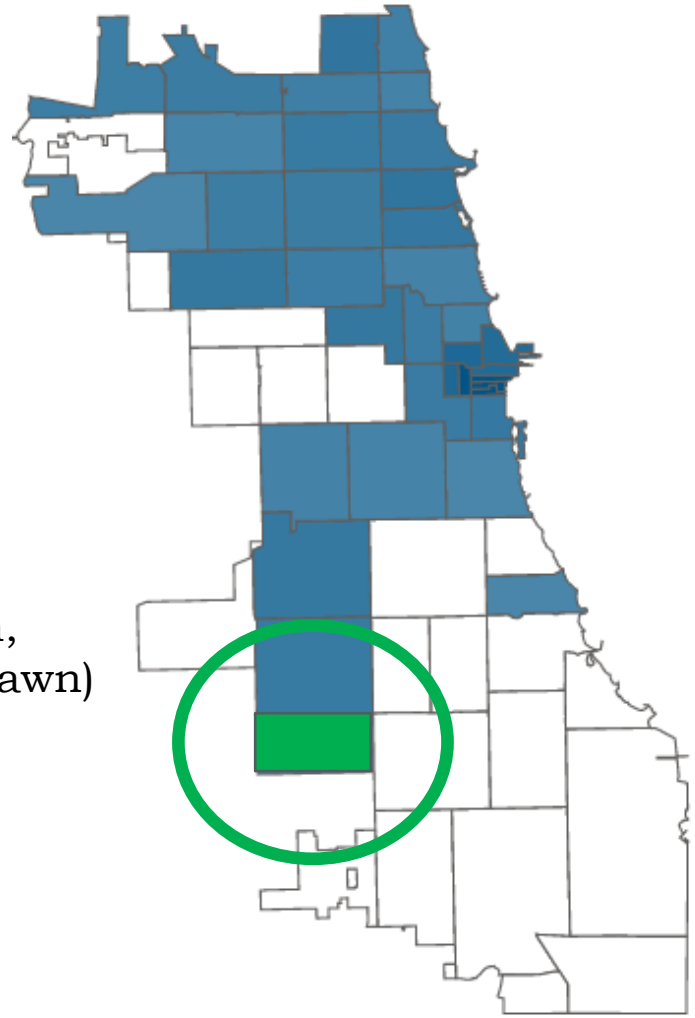
60624 (Austin, North Lawndale, East Garfield Park, West Garfield Park, Humboldt Park)

60636 (Ashburn, Auburn Gresham, Chicago Lawn, Englewood, Gage Park, West Englewood)



Percent of Chicago 12+ population with at least 1 dose of COVID-19 vaccine.

Congratulations to the 37 Chicago ZIP codes that now have 70%+ 1st dose vaccine coverage for ages 12y+



New—60652 (Ashburn, Chicago Lawn, West Lawn)

Chi.gov/COVIDdash