



Ask Dr. Arwady

11/9/2021

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	200 - 399 Current: 382 Increasing	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: 2.0% Increasing	<2%
HOSPITAL BEDS (NON-ICU) OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average	1250+	750 - 1249	250 - 749	100 - 249 Current: 187 Increasing	<100
ICU BEDS OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average	400+	300 - 399	100 - 299	20 - 99 Current: 65 Stable	<20

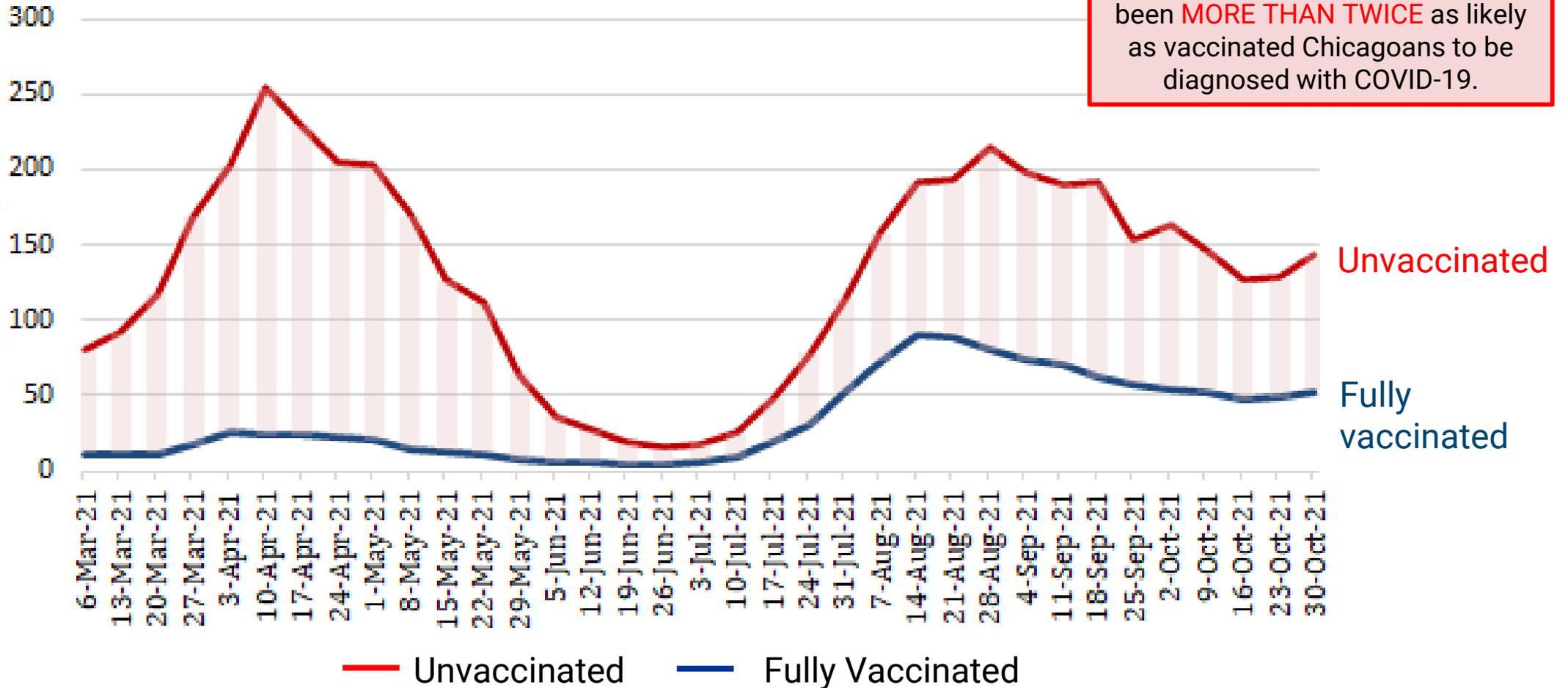
Source: Chicago Department of Public Health, data current as of November 9, 2021. These metrics represent general community COVID transmission and should not be applied to individual settings that have mitigation practices in place.

COVID CASE rates remain higher among **Unvaccinated** compared to **Fully Vaccinated** Chicagoans.



Even in Delta surge alone, unvaccinated Chicagoans have been **MORE THAN TWICE** as likely as vaccinated Chicagoans to be diagnosed with COVID-19.

Chicago Residents' Weekly COVID Case Rate per 100,000 by vaccination status

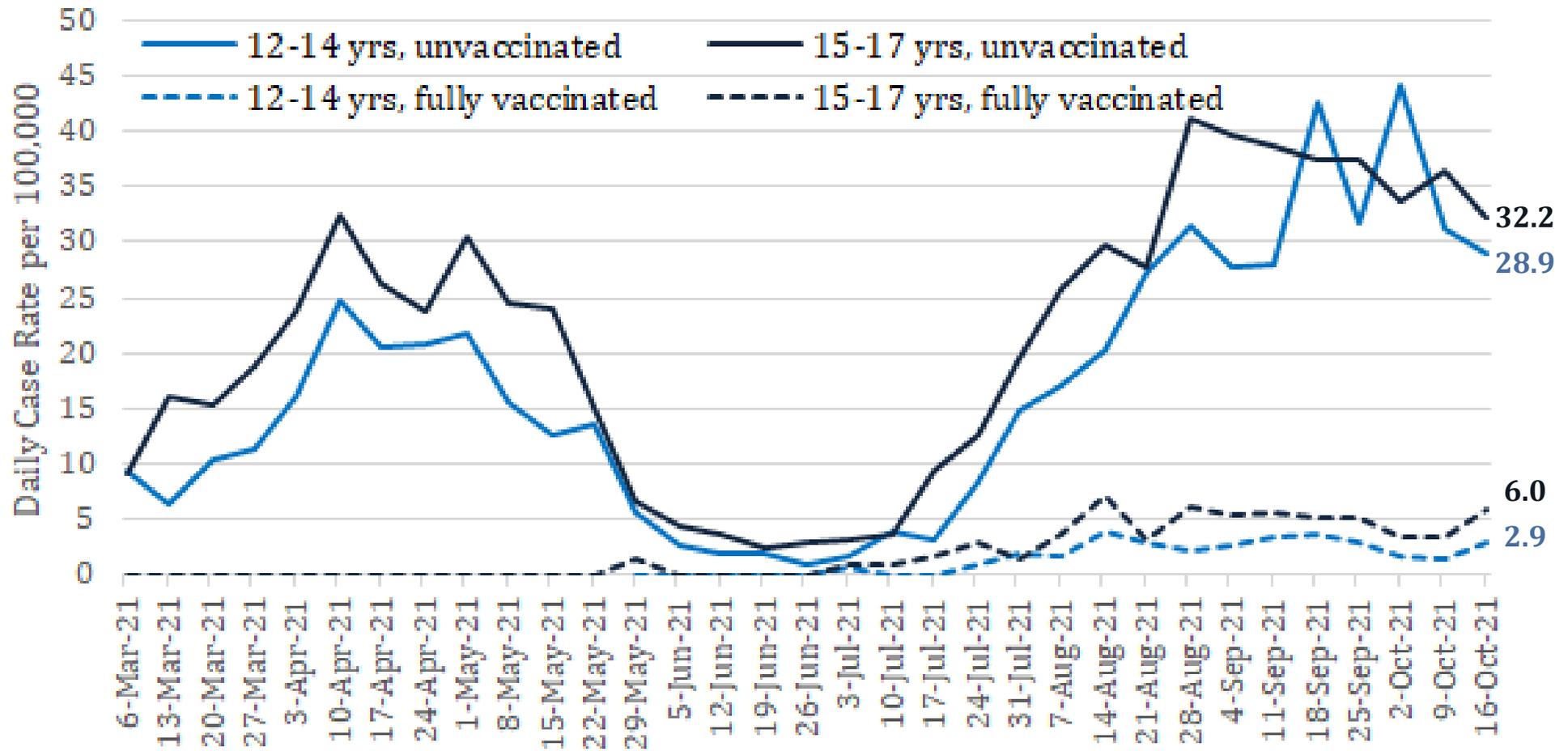


Notes:

Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 2/28/2021-10/30/2021, pulled 11/3/2021. 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.



Chicago case rates are **7X** higher in unvaccinated 15-17 year olds and **over 10X** higher in unvaccinated 12-14 year olds, compared to their fully vaccinated counterparts during the Delta surge

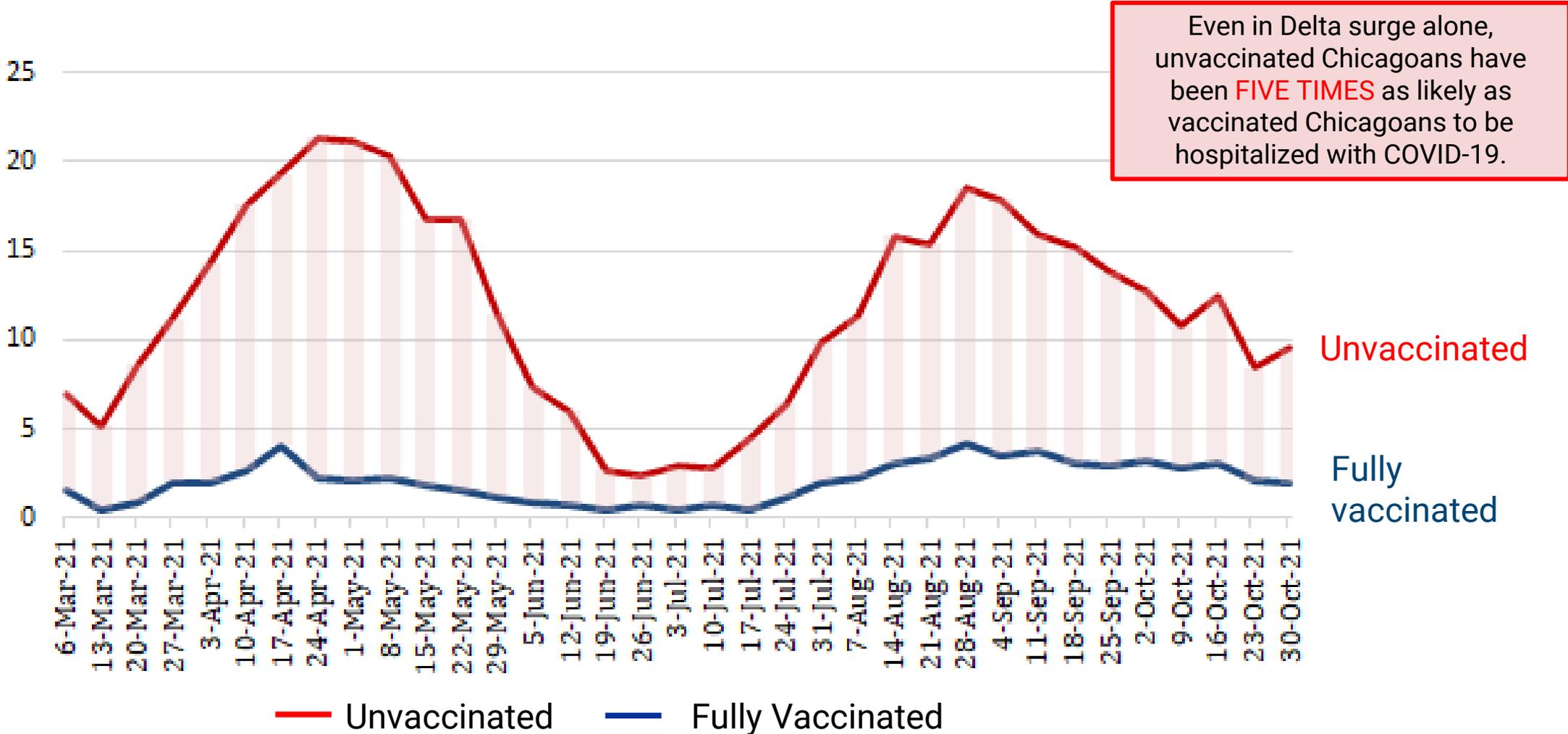


Notes: Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 2/28/2021-10/16/2021, pulled 10/21/2021. Rate calculated using the U.S. Census Bureau's American Community Survey 2019 1-year estimates for non-institutional population of children age 0-17 residing in Chicago, IL.

COVID HOSPITALIZATION rates remain higher among **Unvaccinated** compared to **Fully Vaccinated** Chicagoans.



Chicago Residents' Weekly COVID Hospitalization Rate per 100,000 by vaccination status

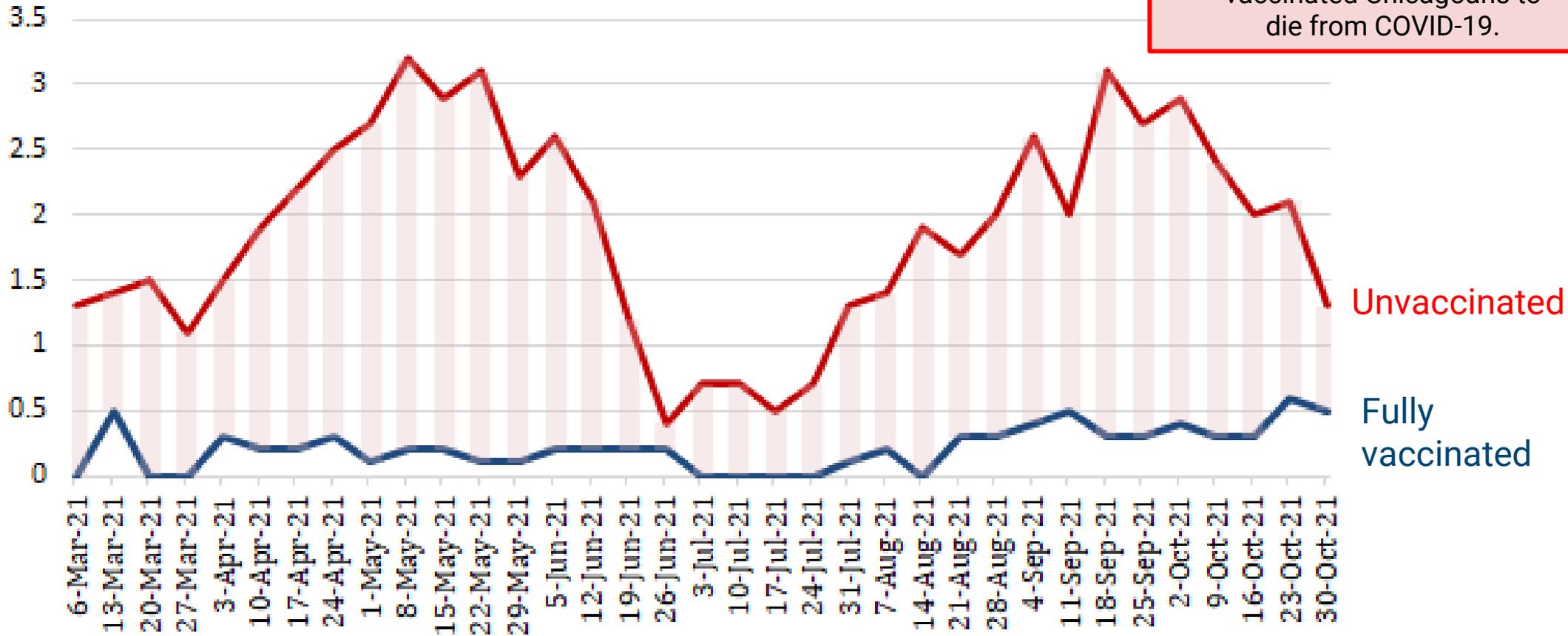


Notes: Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of hospital admission 2/28/2021-10/30/2021, pulled 11/3/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry. 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 higher among **Unvaccinated** compared to **Fully Vaccinated** Chicagoans.

Even in Delta surge alone, unvaccinated Chicagoans have been **SEVEN TIMES** as likely as vaccinated Chicagoans to die from COVID-19.

Chicago Residents' Weekly COVID Death Rate per 100,000 by vaccination status



— Unvaccinated — Fully Vaccinated

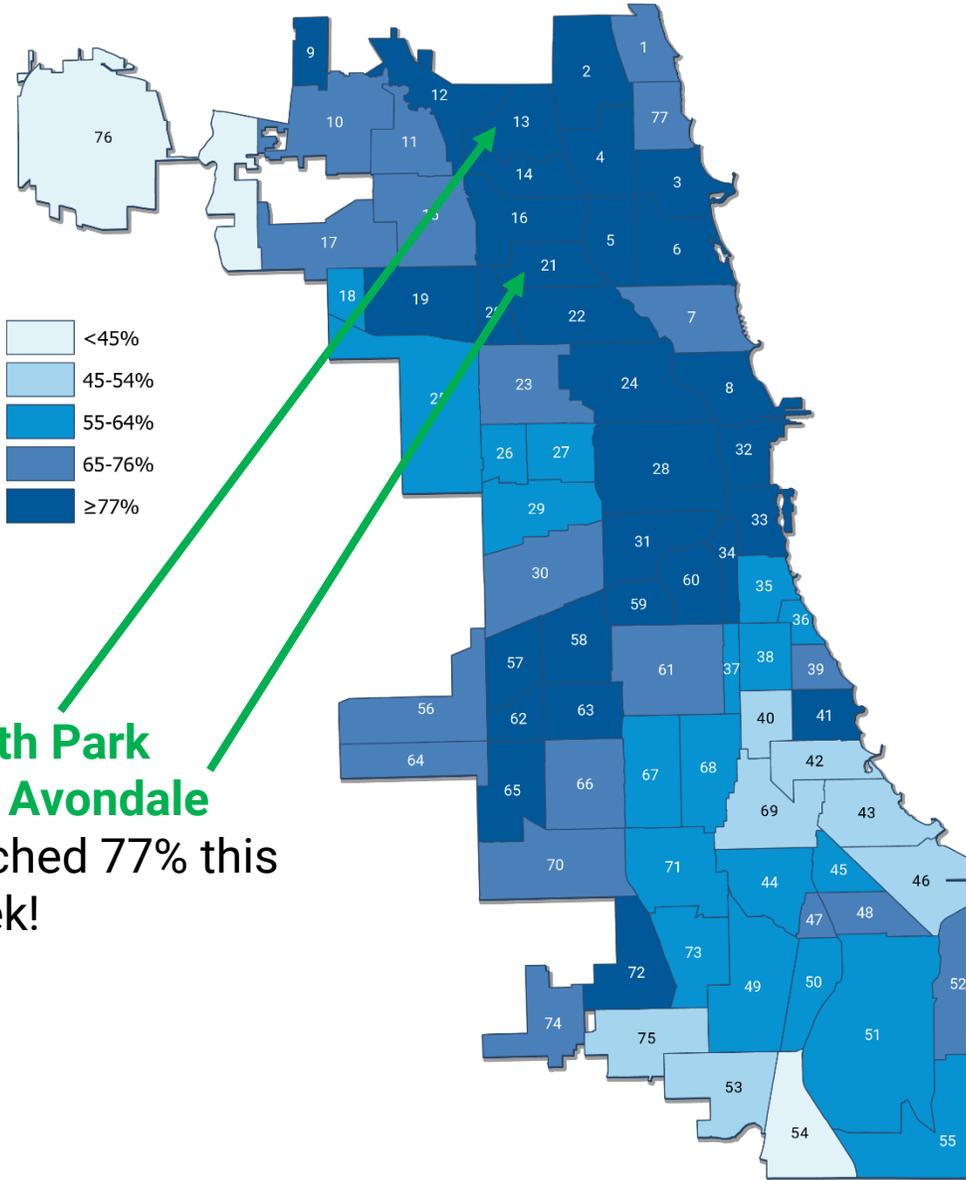
Notes: Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of death 2/28/2021-10/30/2021, pulled 11/3/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry. Fully vaccinated 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.



Percent of residents 12+ years-old with at least one dose of COVID-19 vaccine by community area

Citywide: 75.9%

Chicago needs to vaccinate about 35,000 more people to reach 77%



North Park and Avondale reached 77% this week!

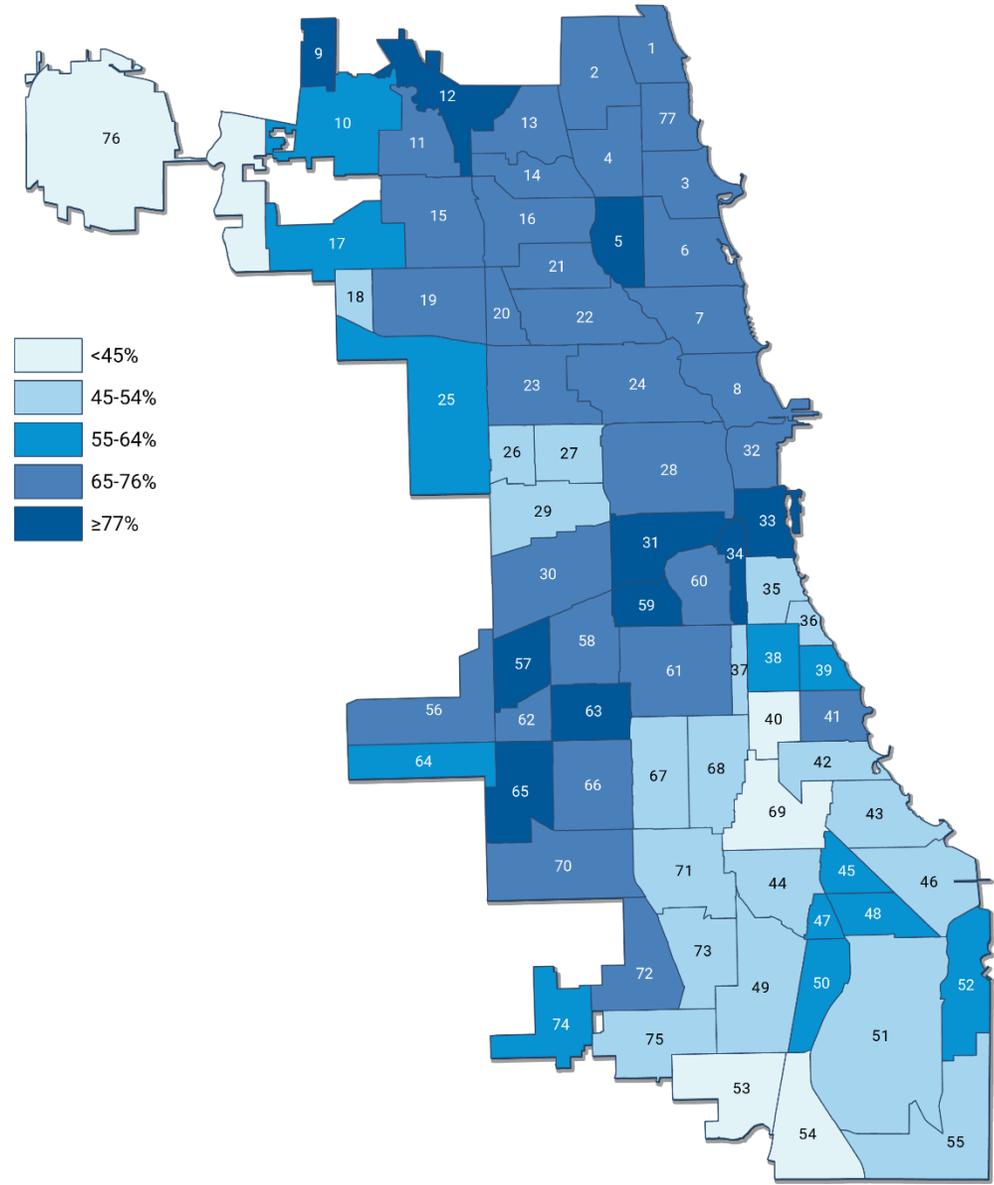
Community Areas:

- | | |
|-----------------------|---------------------------|
| 1 Rogers Park | 39 Kenwood |
| 2 West Ridge | 40 Washington Park |
| 3 Uptown | 41 Hyde Park |
| 4 Lincoln Square | 42 Woodlawn |
| 5 North Center | 43 South Shore |
| 6 Lake View | 44 Chatham |
| 7 Lincoln Park | 45 Avalon Park |
| 8 Near North Side | 46 South Chicago |
| 9 Edison Park | 47 Burnside |
| 10 Norwood Park | 48 Calumet Heights |
| 11 Jefferson Park | 49 Roseland |
| 12 Forest Glen | 50 Pullman |
| 13 North Park | 51 South Deering |
| 14 Albany Park | 52 East Side |
| 15 Portage Park | 53 West Pullman |
| 16 Irving Park | 54 Riverdale |
| 17 Dunning | 55 Hegewisch |
| 18 Montclare | 56 Garfield Ridge |
| 19 Belmont Cragin | 57 Archer Heights |
| 20 Hermosa | 58 Brighton Park |
| 21 Avondale | 59 McKinley Park |
| 22 Logan Square | 60 Bridgeport |
| 23 Humboldt Park | 61 New City |
| 24 West Town | 62 West Elsdon |
| 25 Austin | 63 Gage Park |
| 26 West Garfield Park | 64 Clearing |
| 27 East Garfield Park | 65 West Lawn |
| 28 Near West Side | 66 Chicago Lawn |
| 29 North Lawndale | 67 West Englewood |
| 30 South Lawndale | 68 Englewood |
| 31 Lower West Side | 69 Greater Grand Crossing |
| 32 Loop | 70 Ashburn |
| 33 Near South Side | 71 Auburn Gresham |
| 34 Armour Square | 72 Beverly |
| 35 Douglas | 73 Washington Heights |
| 36 Oakland | 74 Mount Greenwood |
| 37 Fuller Park | 75 Morgan Park |
| 38 Grand Boulevard | 76 O'Hare |
| | 77 Edgewater |

Data reported to the Illinois Comprehensive Automated Immunization Registry (I-CARE) through 10/30/2021. 2% of people with a first dose had an address that was unable to be geocoded and do not appear on this map.

Percent of residents 12+ years-old with a completed COVID-19 vaccine series by community area

Citywide: 70%



Community Areas:

1 Rogers Park	39 Kenwood
2 West Ridge	40 Washington Park
3 Uptown	41 Hyde Park
4 Lincoln Square	42 Woodlawn
5 North Center	43 South Shore
6 Lake View	44 Chatham
7 Lincoln Park	45 Avalon Park
8 Near North Side	46 South Chicago
9 Edison Park	47 Burnside
10 Norwood Park	48 Calumet Heights
11 Jefferson Park	49 Roseland
12 Forest Glen	50 Pullman
13 North Park	51 South Deering
14 Albany Park	52 East Side
15 Portage Park	53 West Pullman
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★ More Community Area Milestones!

COVID Vax 1st dose coverage (12+):

- **Washington Park** and **West Pullman** reached 50%
- **Oakland, South Deering, and West Englewood** reached 60%
- **Albany Park and Lincoln Square** reached 80%



Get vaccinated
in time for the
holidays!



To be fully vaccinated against COVID-19 for
Thanksgiving
(Nov. 25)

START
your vax series by

OCT. 14	1st Dose Moderna
OCT. 21	1st Dose Pfizer
NOV. 11	Single Dose J&J

CDPH

To be fully vaccinated against COVID-19 for
Hanukkah
(Starts Nov. 28)

START
your vax series by

OCT. 17	1st Dose Moderna
OCT. 24	1st Dose Pfizer
NOV. 14	Single Dose J&J

CDPH

To be fully vaccinated against COVID-19 for
Christmas
(Dec. 25)

START
your vax series by

NOV. 13	1st Dose Moderna
NOV. 20	1st Dose Pfizer
DEC. 11	Single Dose J&J

CDPH

To be fully vaccinated against COVID-19 for
Kwanzaa
(Starts Dec. 26)

START
your vax series by

NOV. 14	1st Dose Moderna
NOV. 21	1st Dose Pfizer
DEC. 12	Single Dose J&J

CDPH