CHICAGO

Ask Dr. Arwady

9/28/21

CDC: Booster guidance (Pfizer only)

SHOULD RECEIVE BOOSTER

- **People 65+ and long-term-care facility residents** SHOULD receive… a Pfizer booster at least 6 months after their Pfizer primary vaccine series. Benefit/risk balance is most favorable for adults >65 years.
- **People 50-64 with underlying medical conditions** SHOULD receive…

MAY RECEIVE BOOSTER

- People 18-49 with **underlying medical conditions** MAY receive…
- People 18-64 who are at increased risk for COVID-19 exposure and transmission because of **occupational or institutional setting** MAY receive…

Moderna and J and J boosters expected be evaluated "in the coming weeks, to swiftly make additional recommendations"

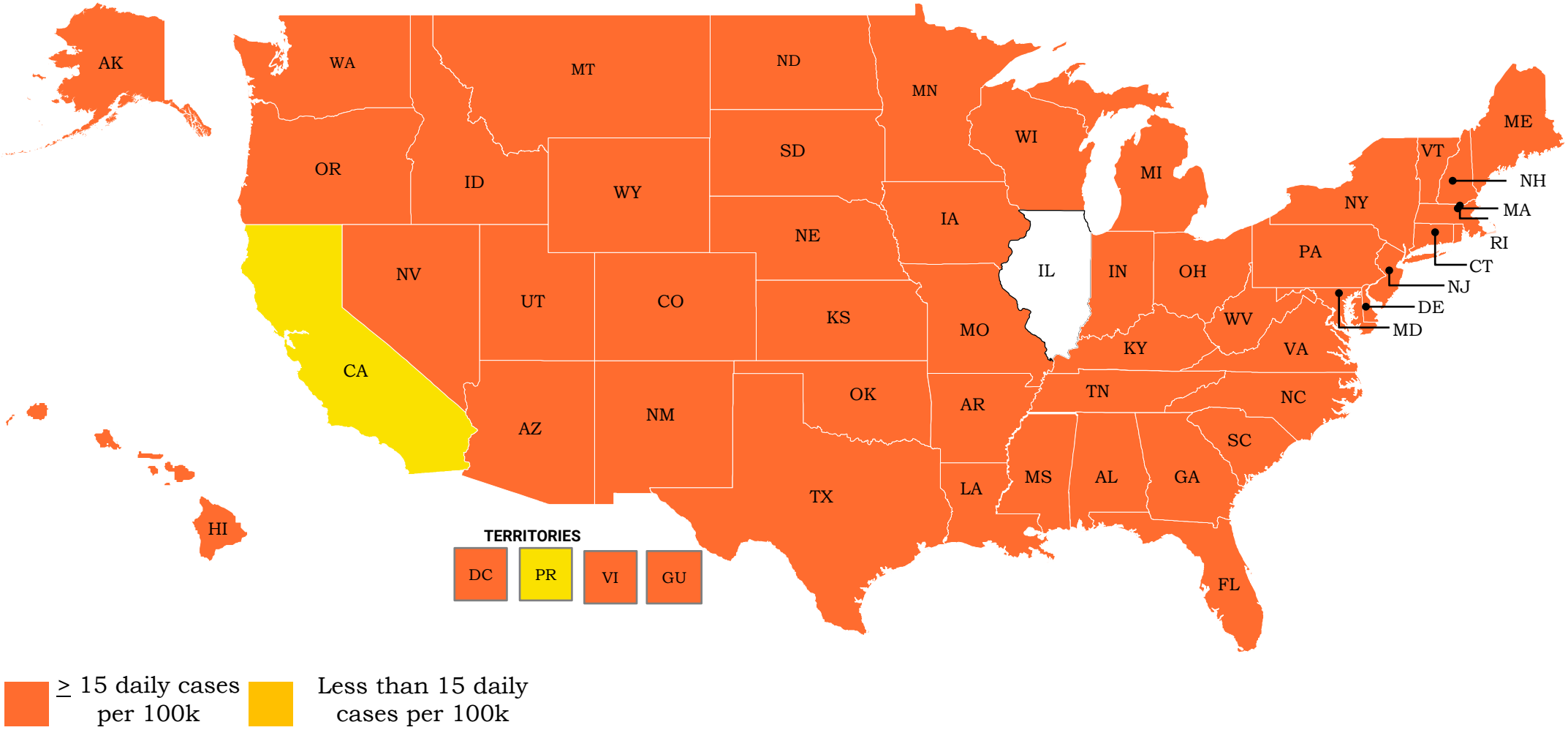
For public health purposes (e.g. vaccination employment requirements, quarantine, etc), at this point people continue to be considered fully vaccinated when they have completed the *primary* series

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: 369** Decreasing	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: 2.6%** Decreasing	<2%
HOSPITAL BEDS (NON-ICU) OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average	1250+	750 – 1249	250 – 749	100 – 249 **Current: 223** Decreasing	<100
ICU BEDS OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average	400+	300 – 399	100 – 299	20 – 99 **Current: 92** Decreasing	<20

Source: Chicago Department of Public Health, data current as of September 28, 2021. These metrics represent general community COVID transmission and should not be applied to individual settings that have mitigation practices in place.

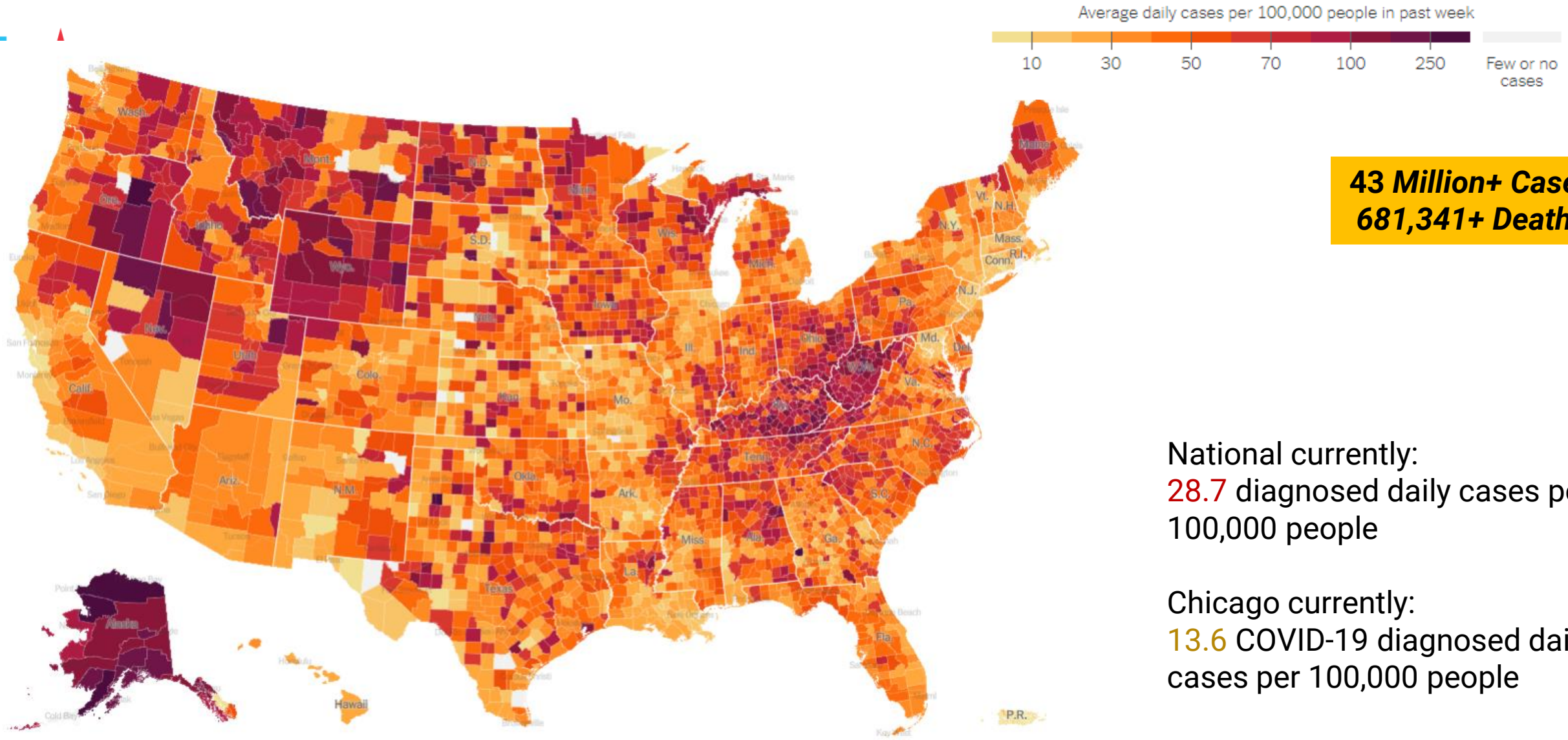
Chicago's COVID-19 Travel Advisory: 48 States and Three Territories



≥ 15 daily cases per 100k

Less than 15 daily cases per 100k

Average daily COVID-19 cases per 100,000 population



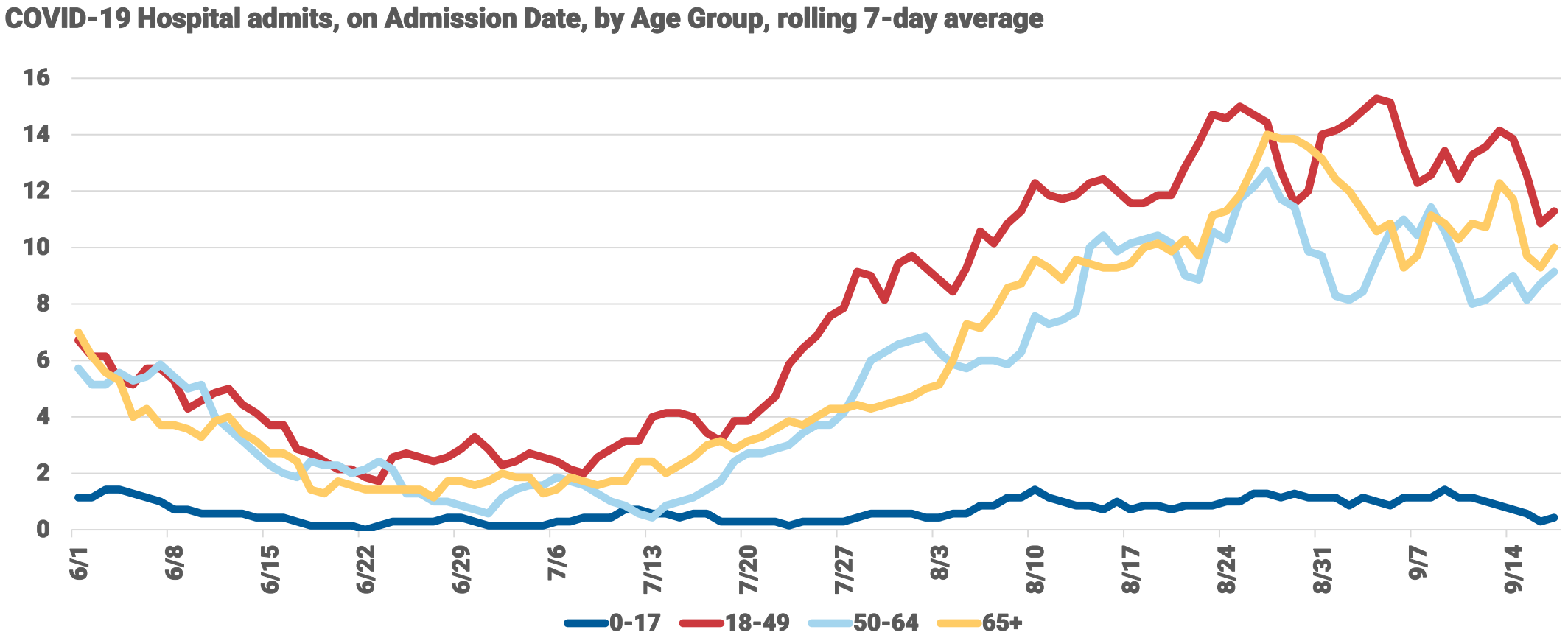
43 Million+ Cases
681,341+ Deaths

National currently:
28.7 diagnosed daily cases per 100,000 people

Chicago currently:
13.6 COVID-19 diagnosed daily cases per 100,000 people

Presented by the New York Times 9/28/2021;
Sources: Local governments; The Center for Systems Science and Engineering at Johns Hopkins University

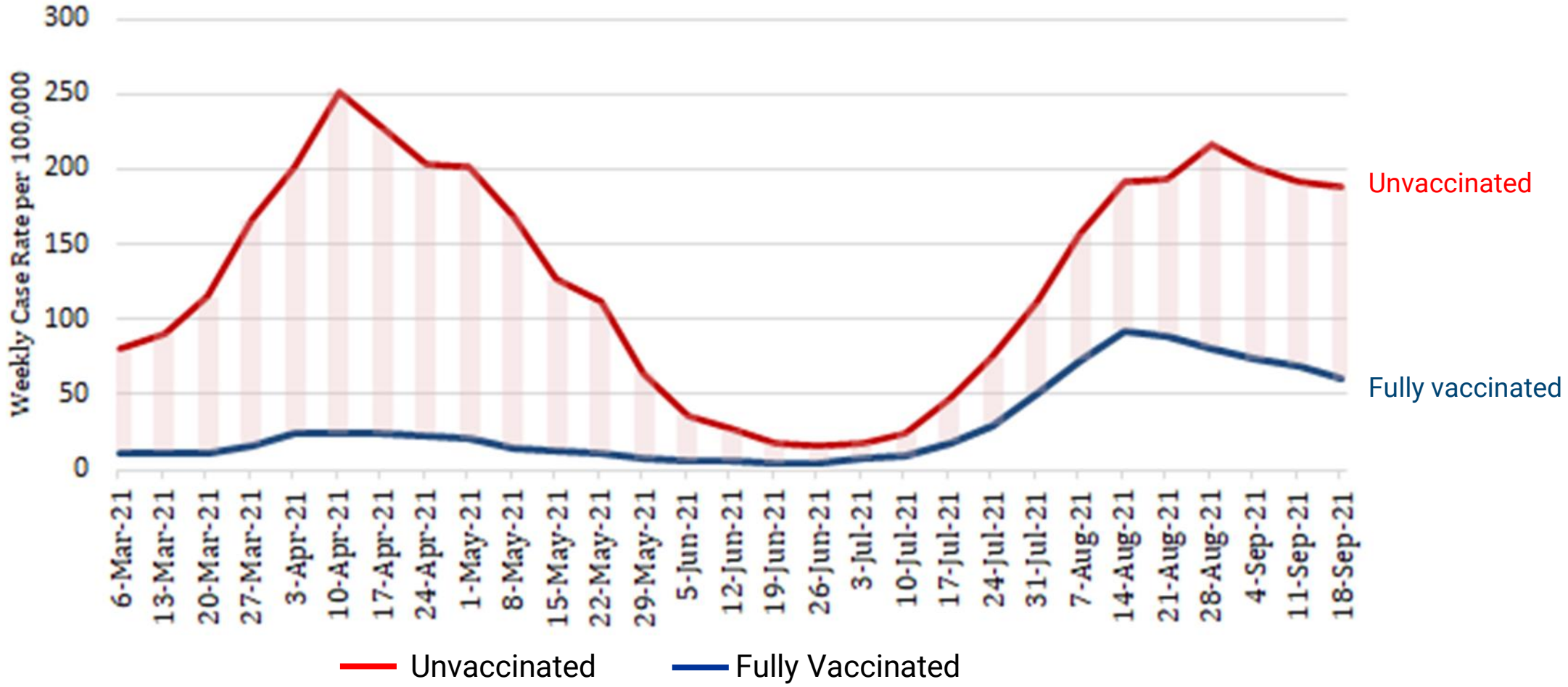
Chicago COVID hospitalizations by age group



- Source: INEDSS File: Hospitalization fro reopening.xlsx.

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

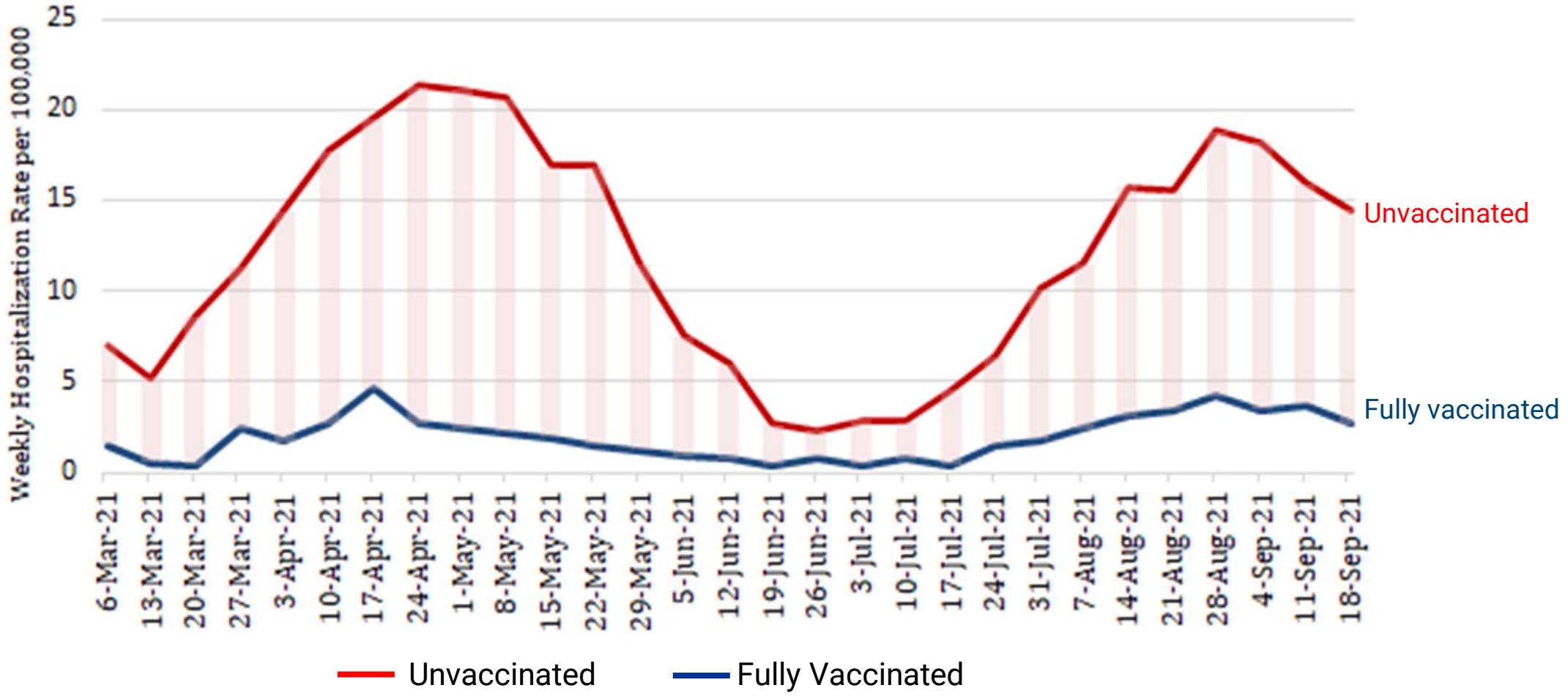
Chicago Residents' Weekly COVID Case Rate per 100,000 by vaccination status



Notes: Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 2/28/2021-9/18/2021. 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 higher among unvaccinated Chicagoans compared to fully vaccinated Chicagoans

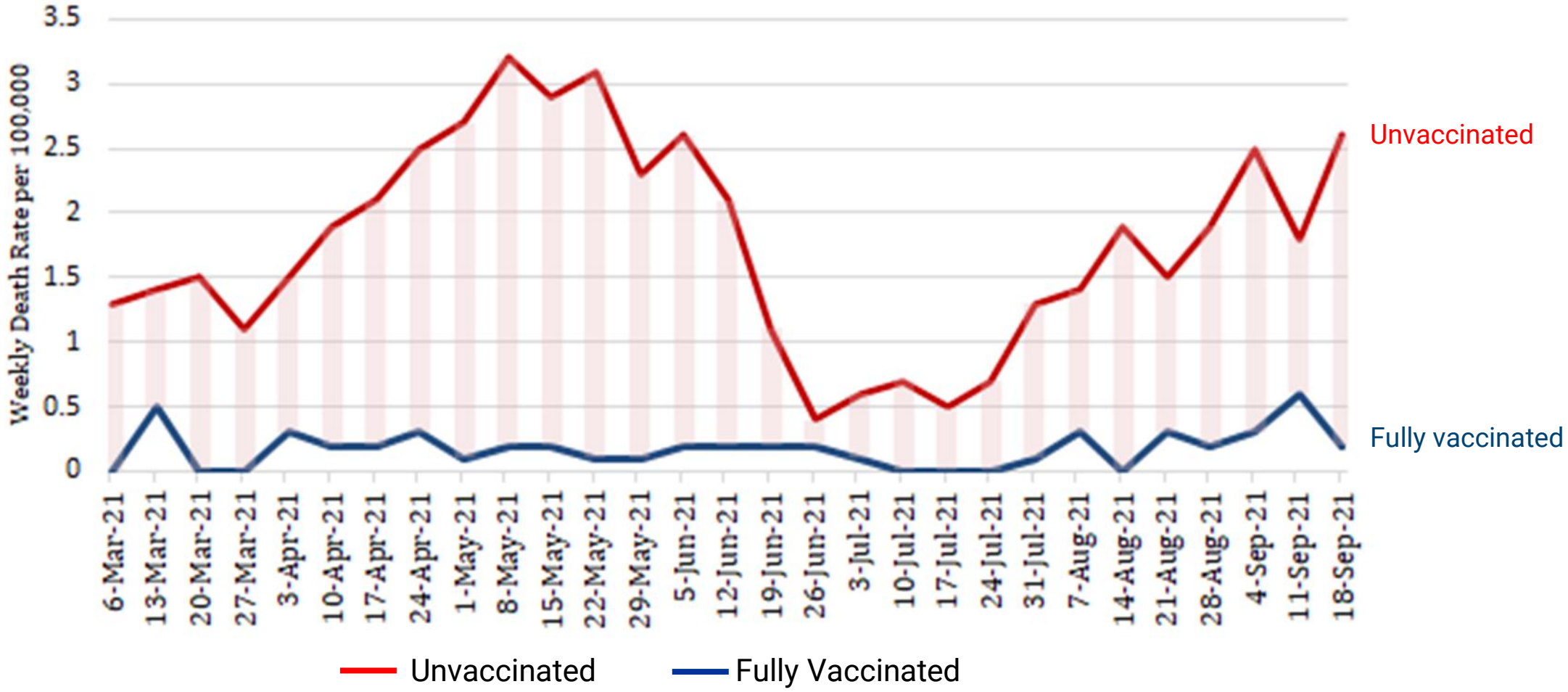
Chicago Residents' Weekly COVID Hospitalization Rate per 100,000 by vaccination status



- **Notes:** Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of hospital admission 2/28/2021-9/18/2021.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.

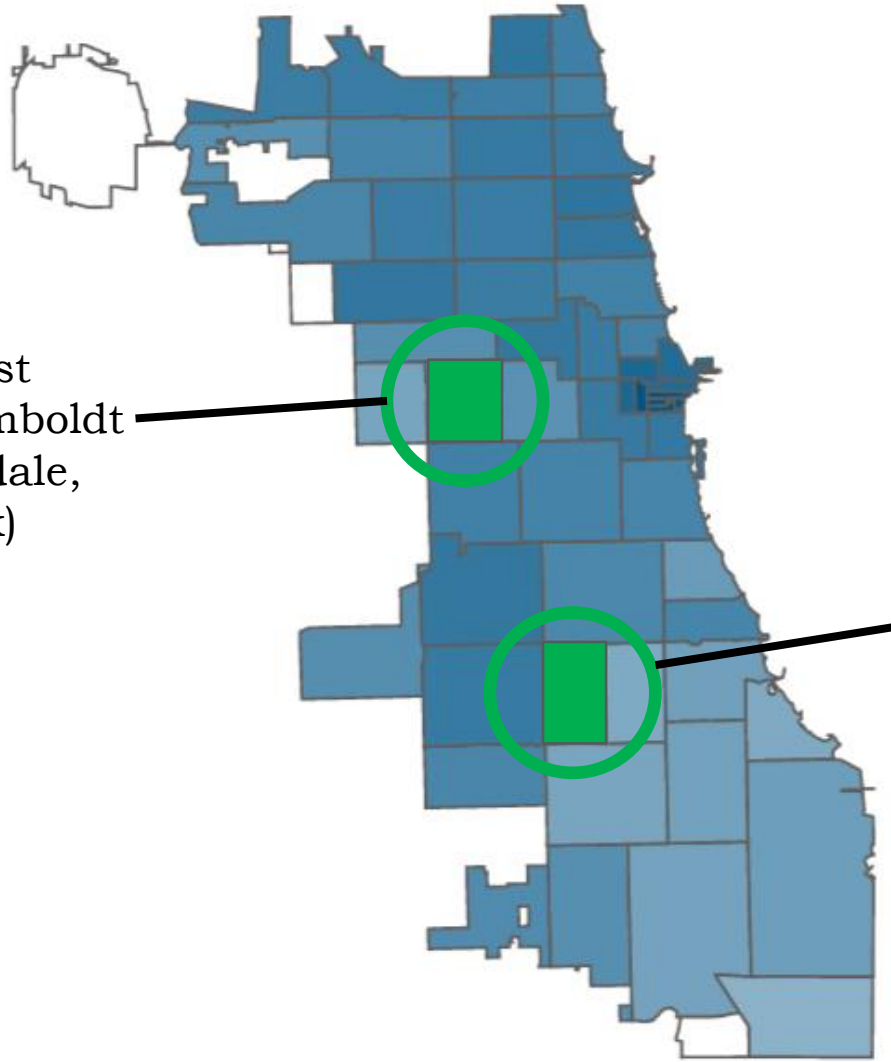
COVID death rates remain much higher among unvaccinated Chicagoans compared to fully vaccinated Chicagoans

Chicago Residents' Weekly COVID Death 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 death 2/28/2021-9/18/2021. 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.

Congratulations to ZIP codes 60624 and 60636 for having the biggest increase in 1st dose vaccine coverage (ages 12+) since last week!

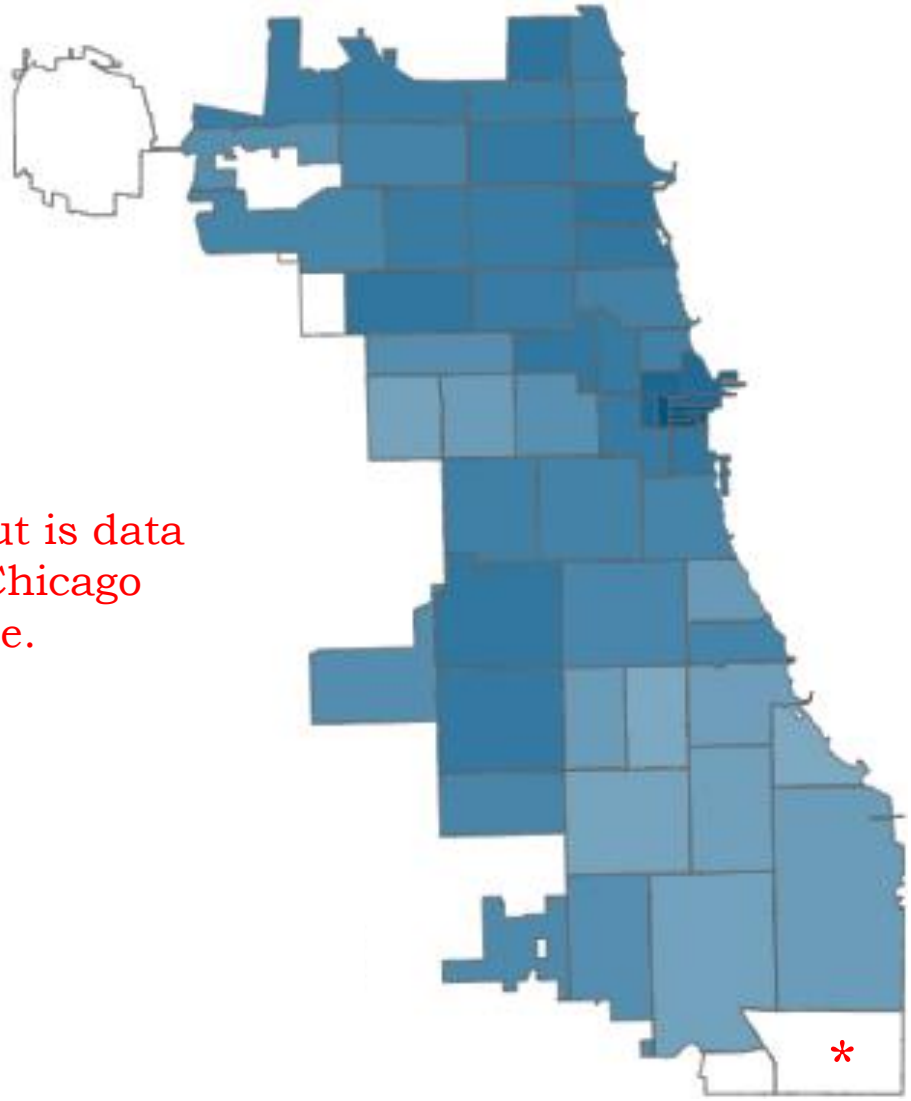


60624 (Austin, East Garfield Park, Humboldt Park, North Lawndale, West Garfield Park)

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 ALL ZIP Codes for reaching 50%+ of ages 12y+ with a first dose of COVID vaccine



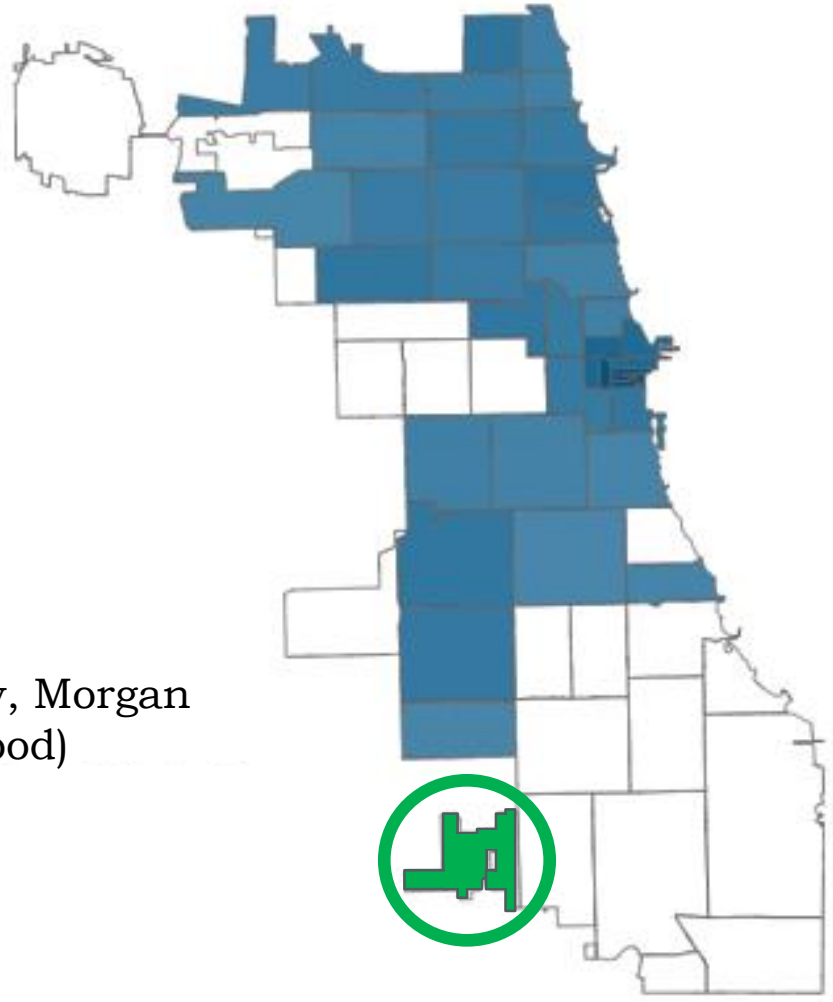
*60633 appears lower but is data artifact, related to non-Chicago resident data, will update.

ALL ZIP codes have now reached this important first benchmark

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

Chi.gov/COVIDdash

Congratulations to the 39 Chicago ZIP codes that now have 70%+ of ages 12y+ with 1st dose vaccine coverage



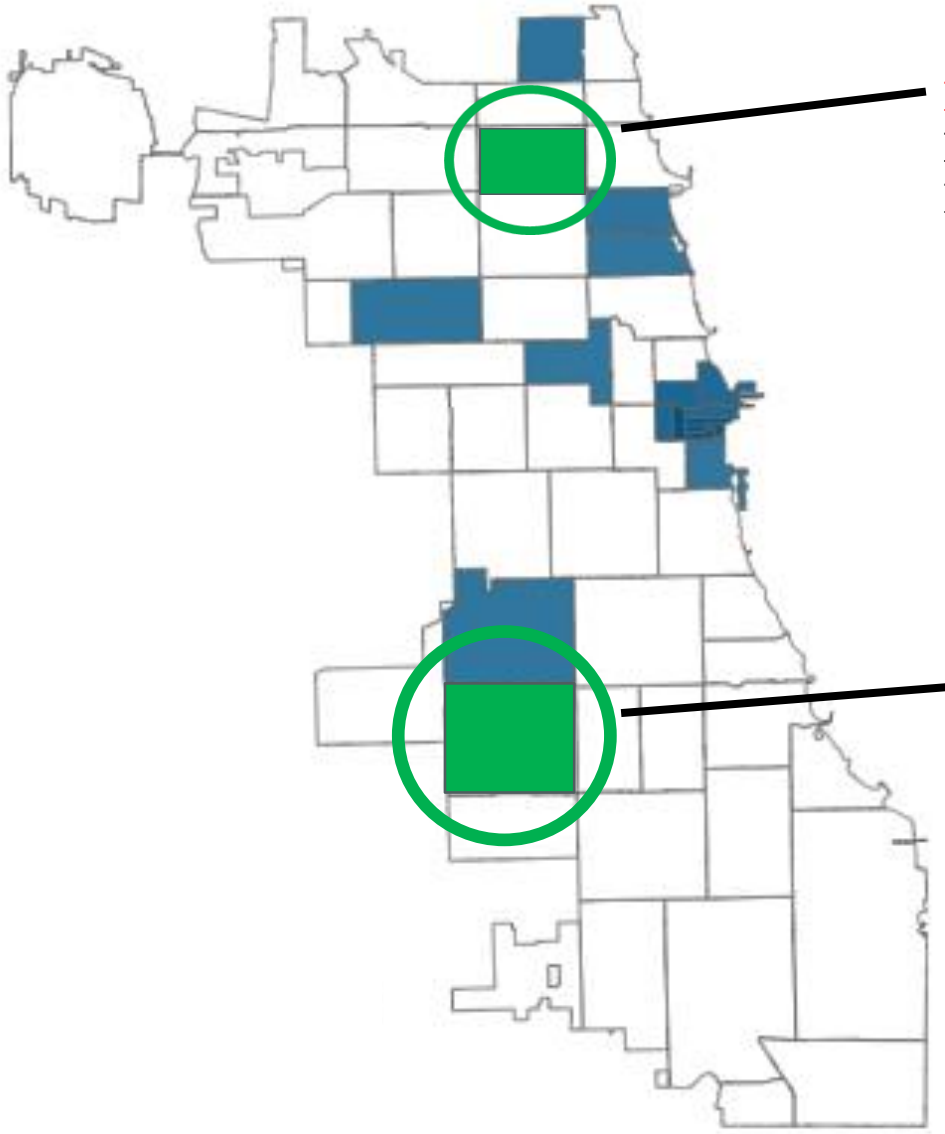
NEW—60629 (Beverly, Morgan Park, Mount Greenwood)

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

Chi.gov/COVIDdash

Congratulations to the 17 Chicago ZIP codes that now have 80%+ of ages 12y+ with 1st dose vaccine coverage

- 60602
- 60603
- 60604
- 60606
- 60654
- 60661
- 60601
- 60611
- 60645
- 60613
- 60639
- 60622
- 60657
- 60632
- 60605
- 60629
- 60625



NEW—60625 (Albany Park, Irving Park, Lincoln Square, North Center, North Park)

NEW—60629 (Ashburn, Chicago Lawn, Clearing, Gage Park, Garfield Ridge, West Elsdon, West Lawn)

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

Chi.gov/COVIDdash