CDPH
Chicago Department of Public Health

Ask Dr. Arwady

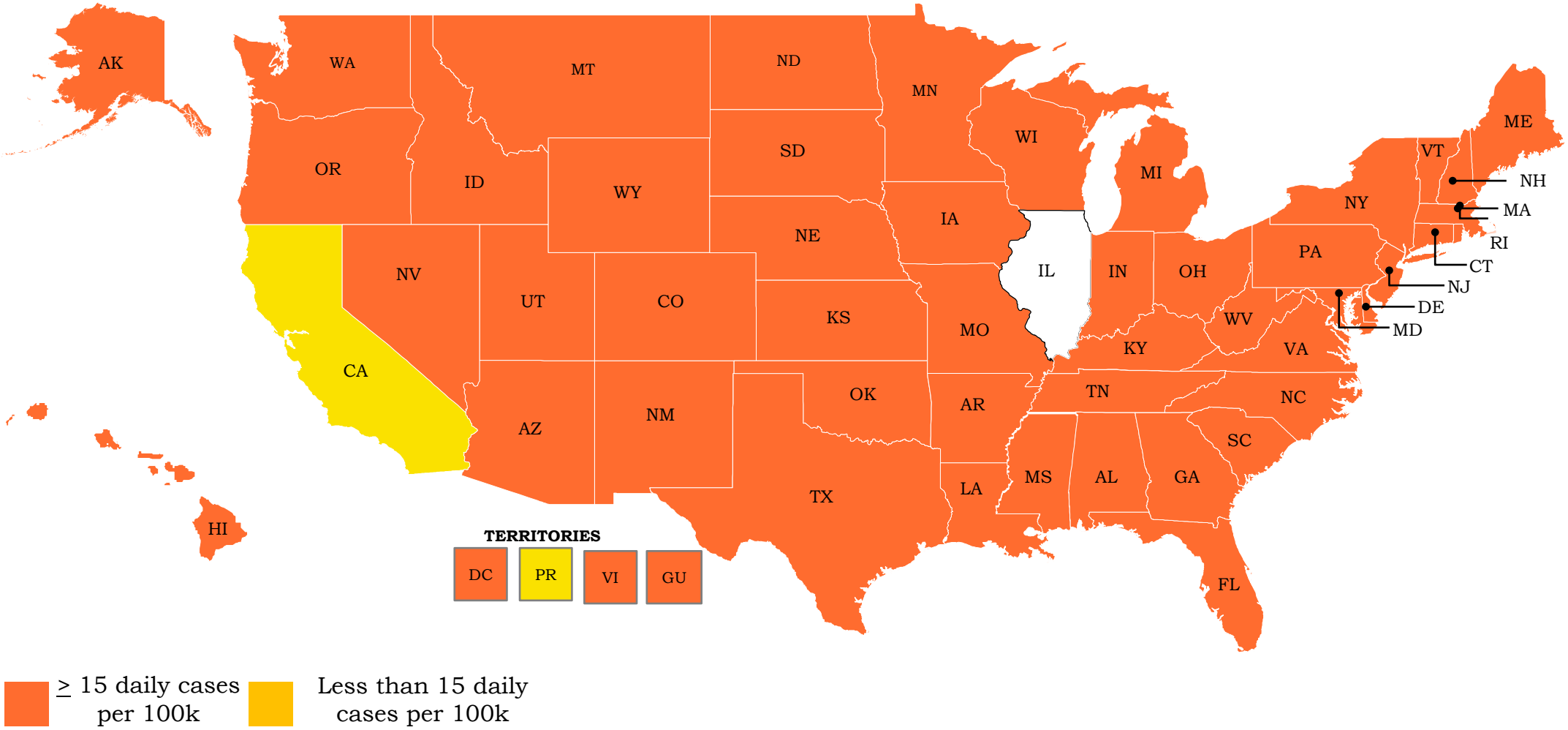
Tuesday, September 21, 2021

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 **Current: 414** 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: 3.0%** Decreasing	<2%
HOSPITAL BEDS (NON-ICU) OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average	1250+	750 – 1249	250 – 749 **Current: 254** Decreasing	100 – 249	<100
ICU BEDS OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average	400+	300 – 399	100 – 299 **Current: 111** Decreasing	20 – 99	<20

Source: Chicago Department of Public Health, data current as of September 21, 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

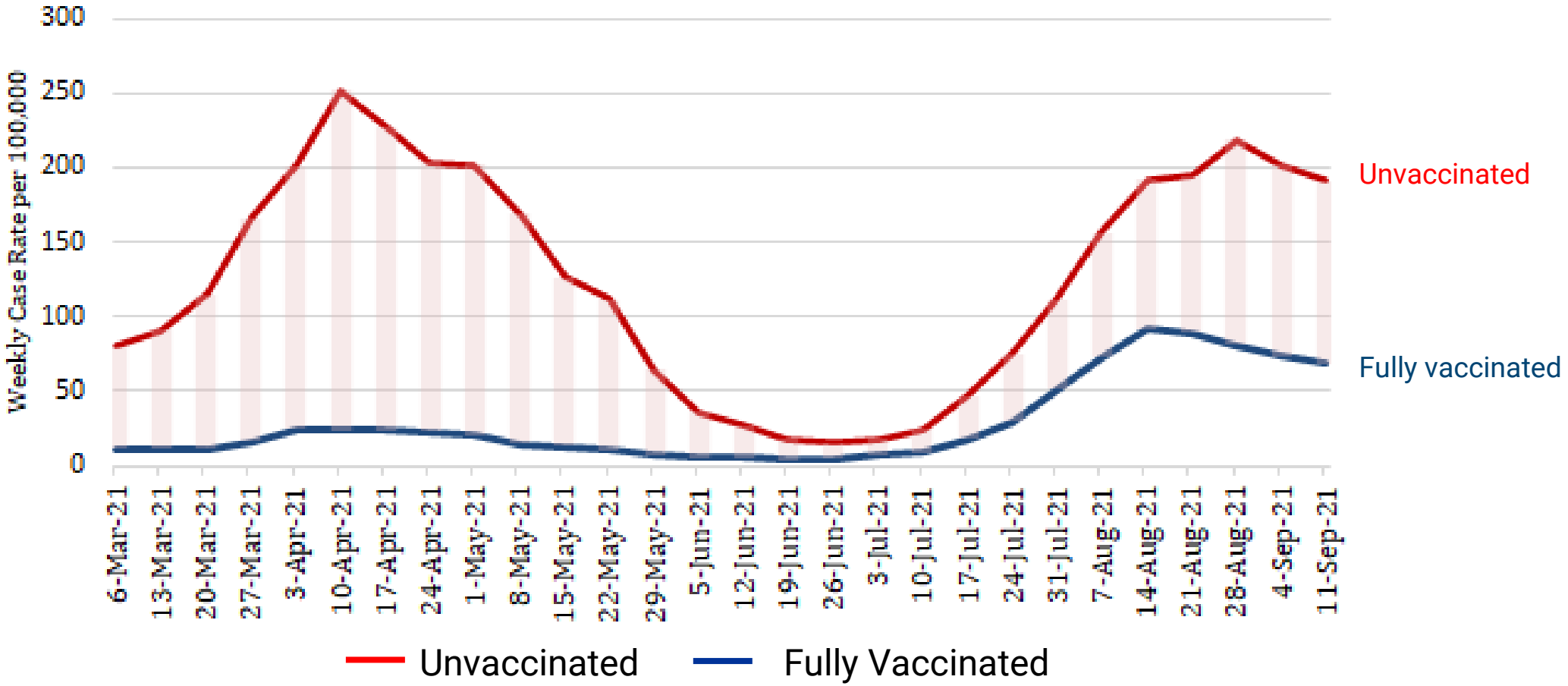


≥ 15 daily cases per 100k

Less than 15 daily cases per 100k

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

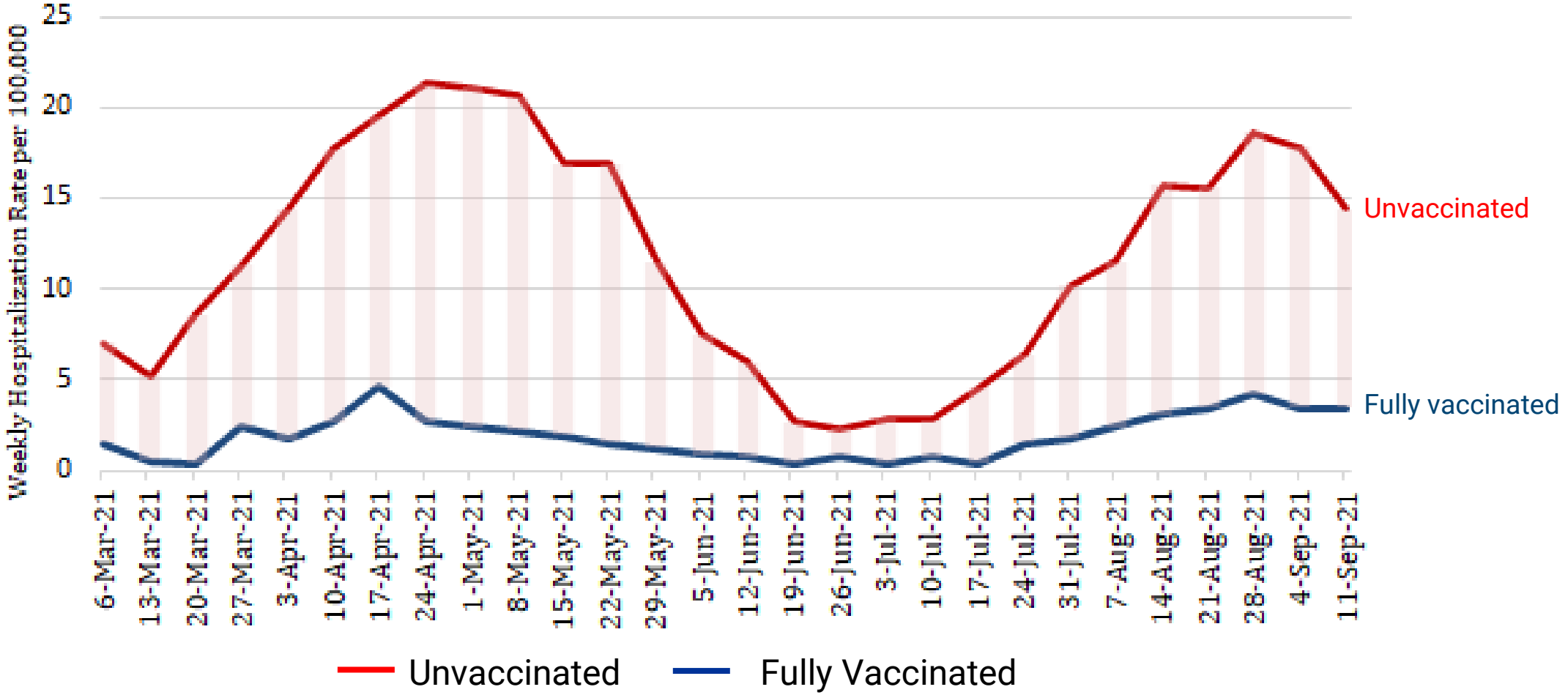
Chicago Residents' Weekly COVID Case Rate per 100,000 by vaccination status



Notes:
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 2/28/2021-9/11/2021, pulled 9/17/2021. 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

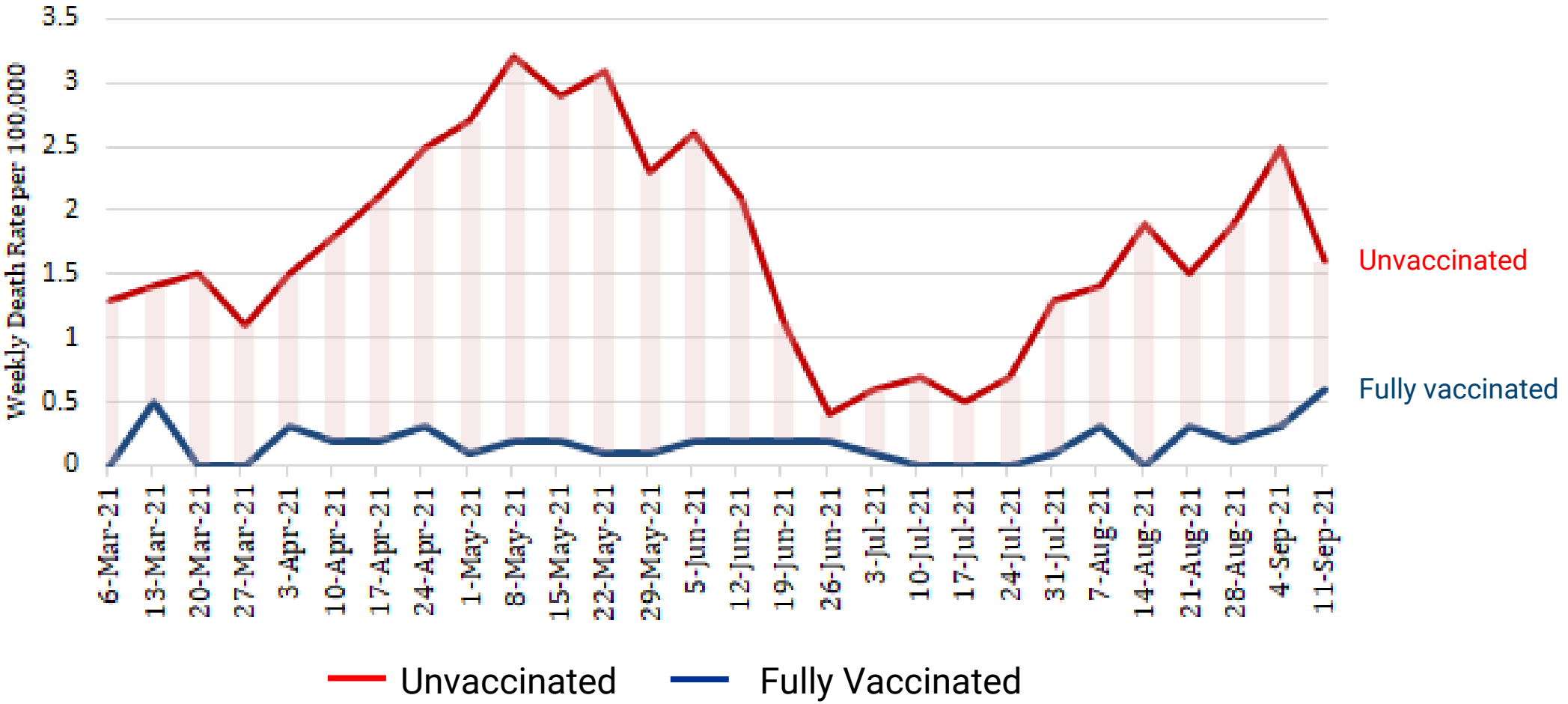
Chicago Residents' Weekly COVID Hospitalization Rate per 100,000 by vaccination status



Notes:
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of hospital admission 2/28/2021-9/11/2021, pulled 9/17/2021. 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

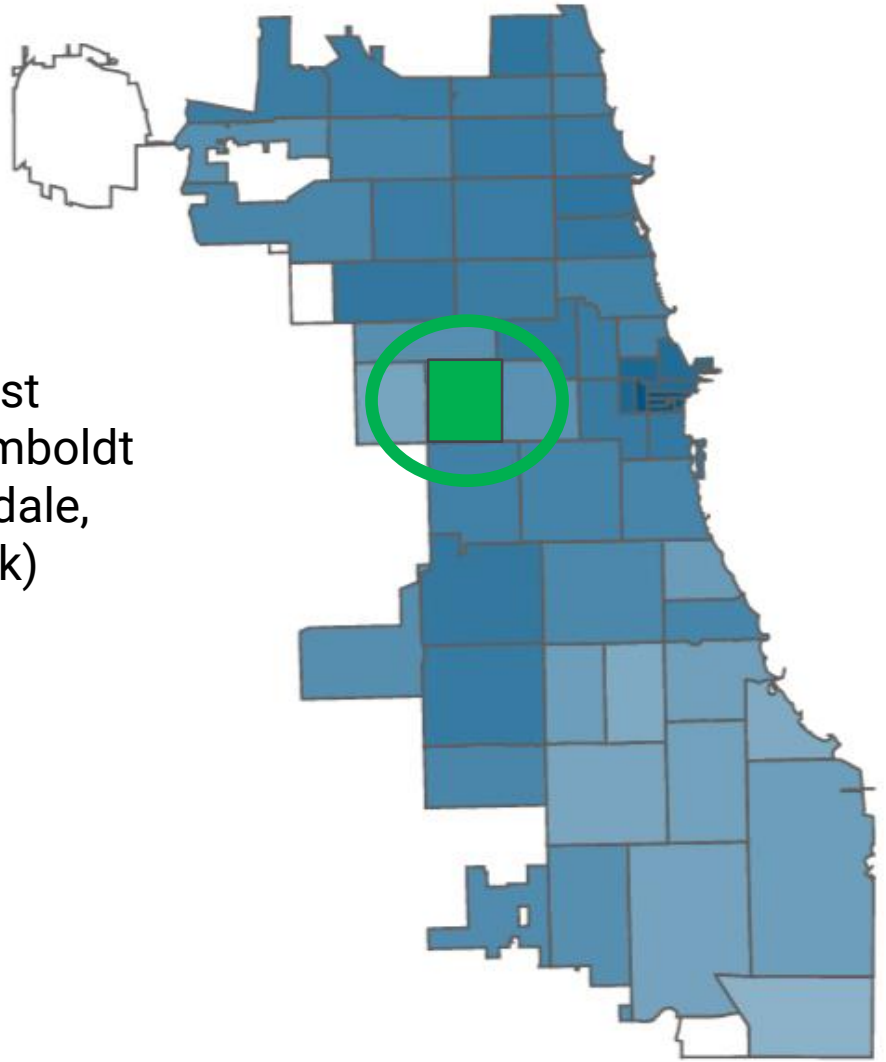
Chicago Residents' Weekly COVID Death Rate per 100,000 by vaccination status



Notes:
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of death 2/28/2021-9/11/2021, pulled 9/17/2021.
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.

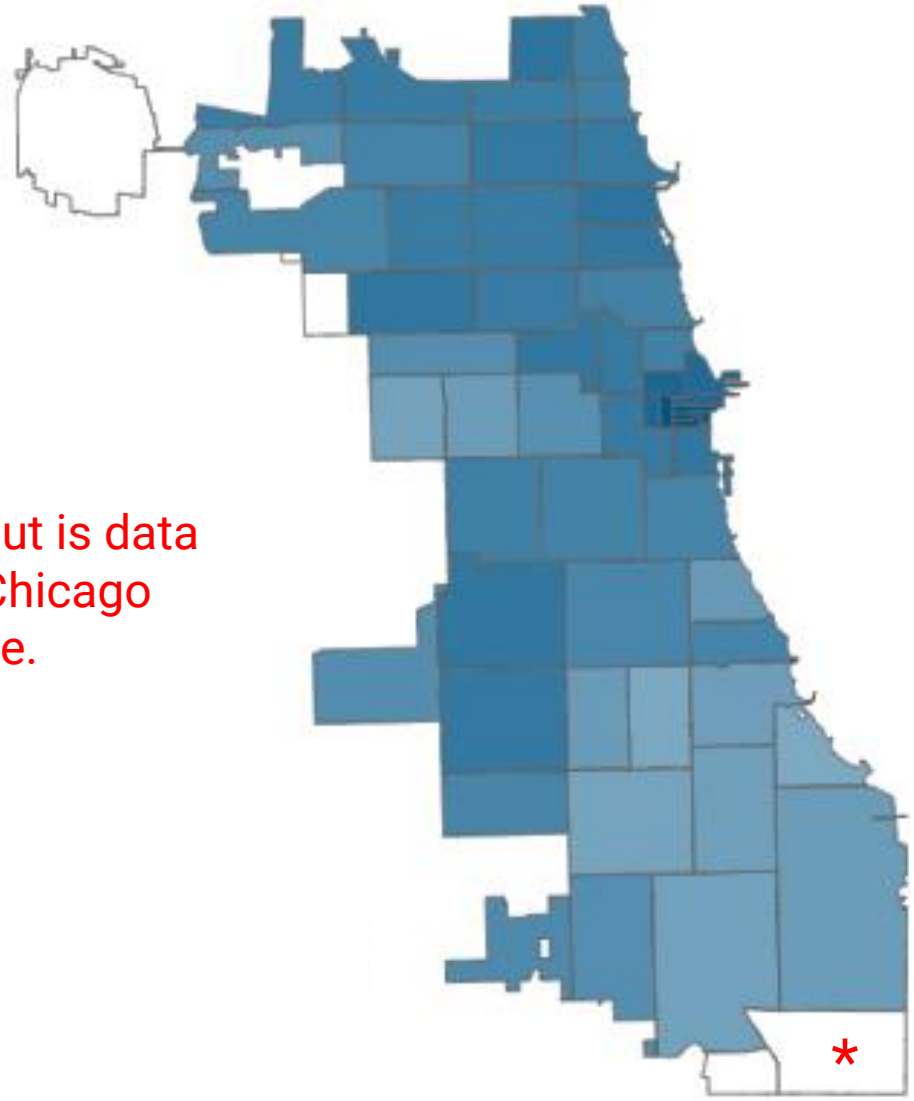
Congratulations to ZIP 60624 for having the biggest increase in 1st dose vaccine coverage (ages 12+) since last week – 3rd week in a row!

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



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

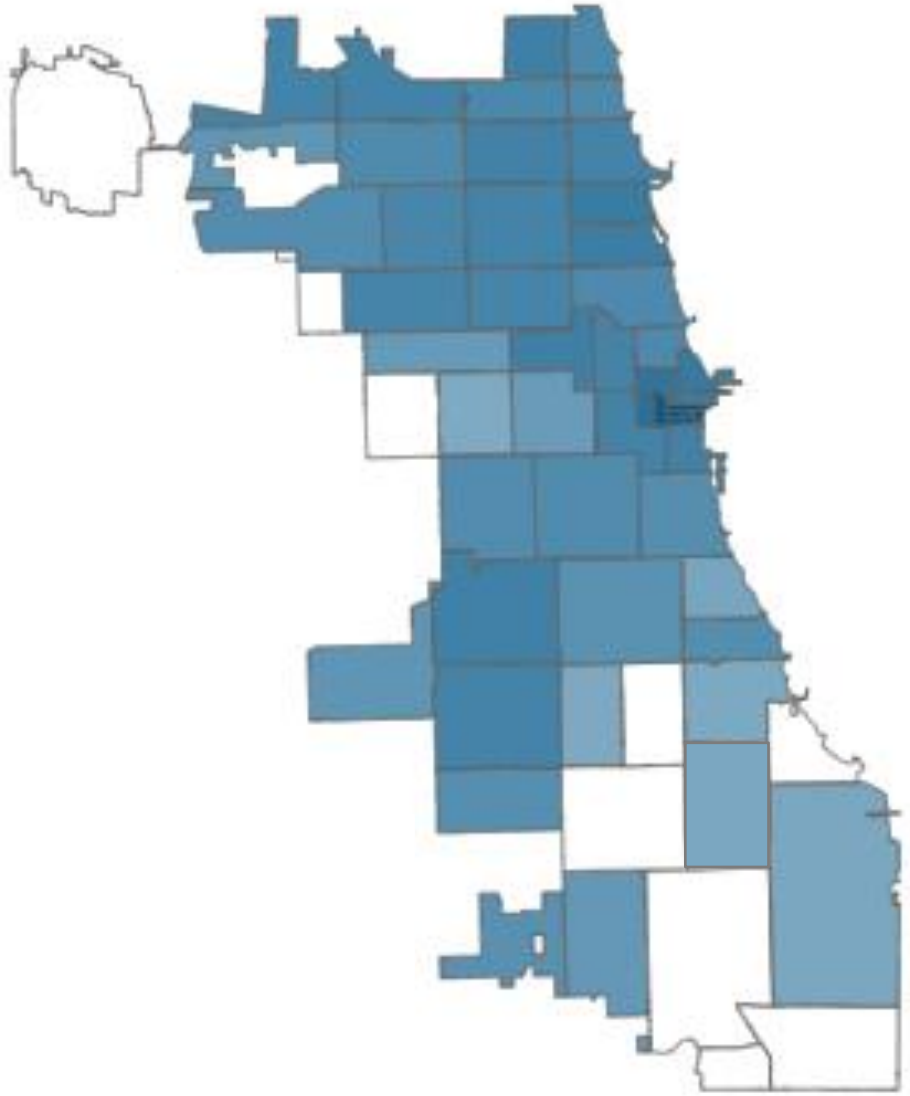


*60633 appears lower but is data artifact, related to non-Chicago resident data, will update.

ALL ZIP codes have now reached this important first benchmark

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

Congratulations to 50 Chicago ZIP Codes for reaching 50%+ of ages 12y+ with a completed series of COVID vaccine

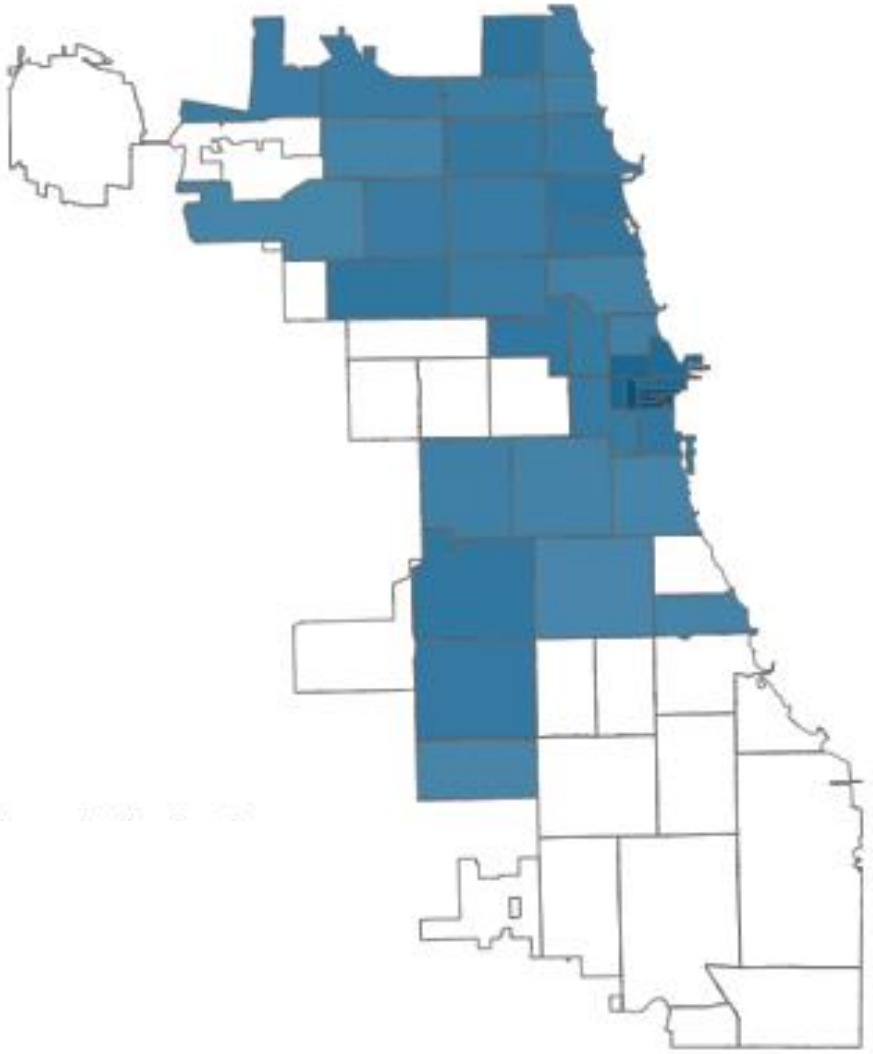


50 ZIP Codes have reached this important benchmark

Percent of Chicago 12+ population with completed series of COVID-19 vaccine

Chi.gov/COVIDdash

Congratulations to the 38 Chicago ZIP codes that now have ★70%+ of ages 12y+ with 1st dose vaccine coverage



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

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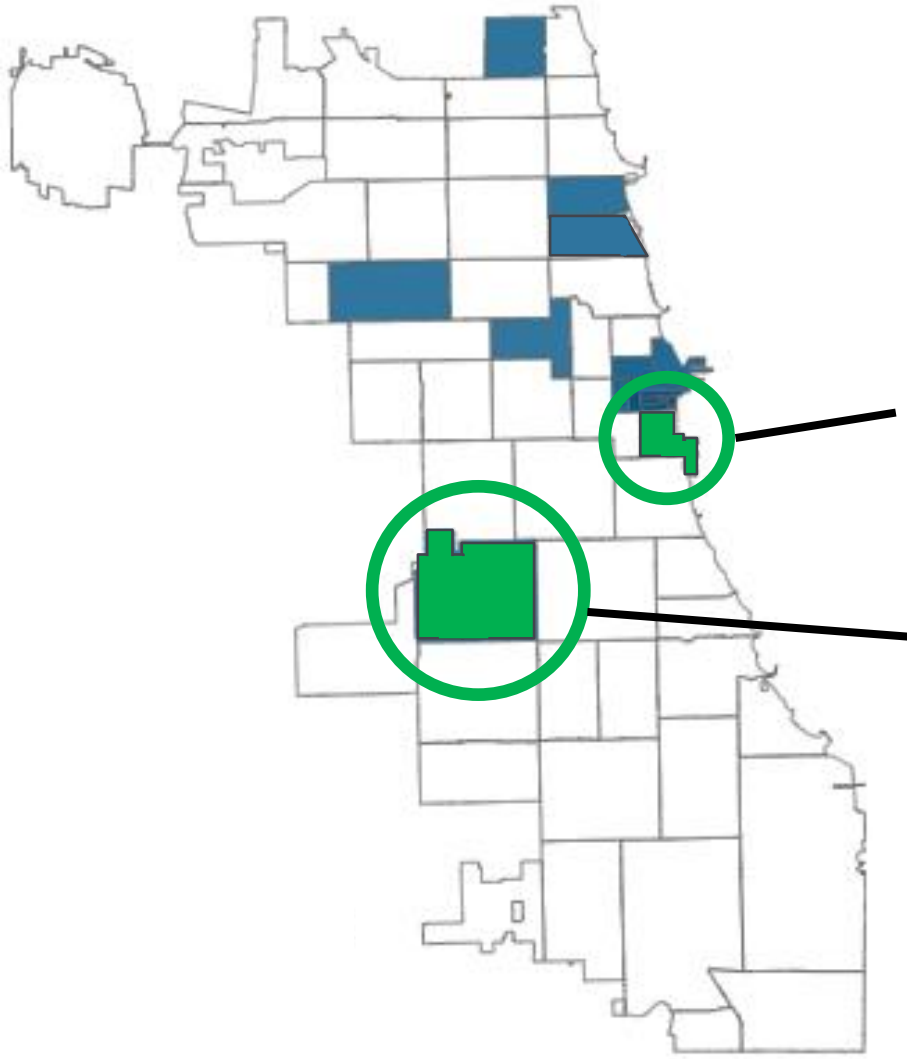
Congratulations to the 15 Chicago ZIP codes that now have 80%+ of ages 12y+ with 1st dose vaccine coverage

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



NEW—60605 (Loop, Near North Side, Near South Side)

NEW—60632 (Archer Heights, Brighton Park, Gage Park, Garfield Ridge, Mckinley Park, New City, South Lawndale, West Elsdon)

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

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