

Ask Dr. Arwady

April 26, 2022

★ April 22 was Earth Day

OUR ROOTS CHICAGO

- 🌿 Planting trees improve air quality, provide shade and cool air, reduce pollution
- 🌿 More trees mean healthier communities
- 🌿 Healthier communities mean healthier lives



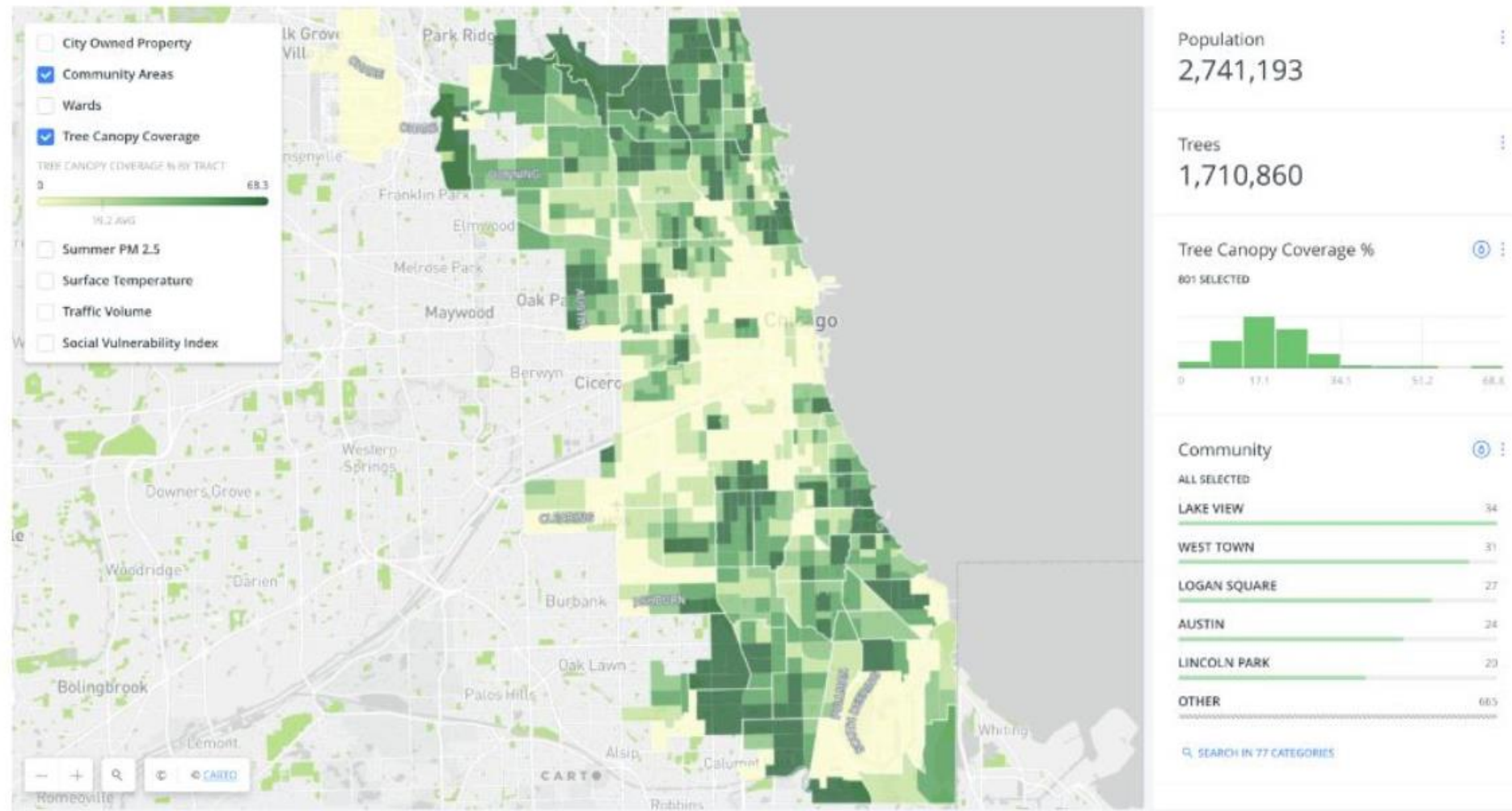
Learn more about this initiative:

<https://www.chicago.gov/city/en/sites/our-roots-chicago/home.html>

<https://energynews.us/2021/12/07/how-tree-planting-can-seed-climate-resilience-in-communities-of-color/?fbclid=IwAR3CmkqpM1P2ECRICNI9jmZTPzZcfkLKdytiXRKjQjT1Q9EZT7gZrnwdKug>

<https://www.youtube.com/watch?v=C2BaoUcfjQc&t=6s>

TREE CANOPY COVERAGE PERCENTAGE BY CENSUS TRACT



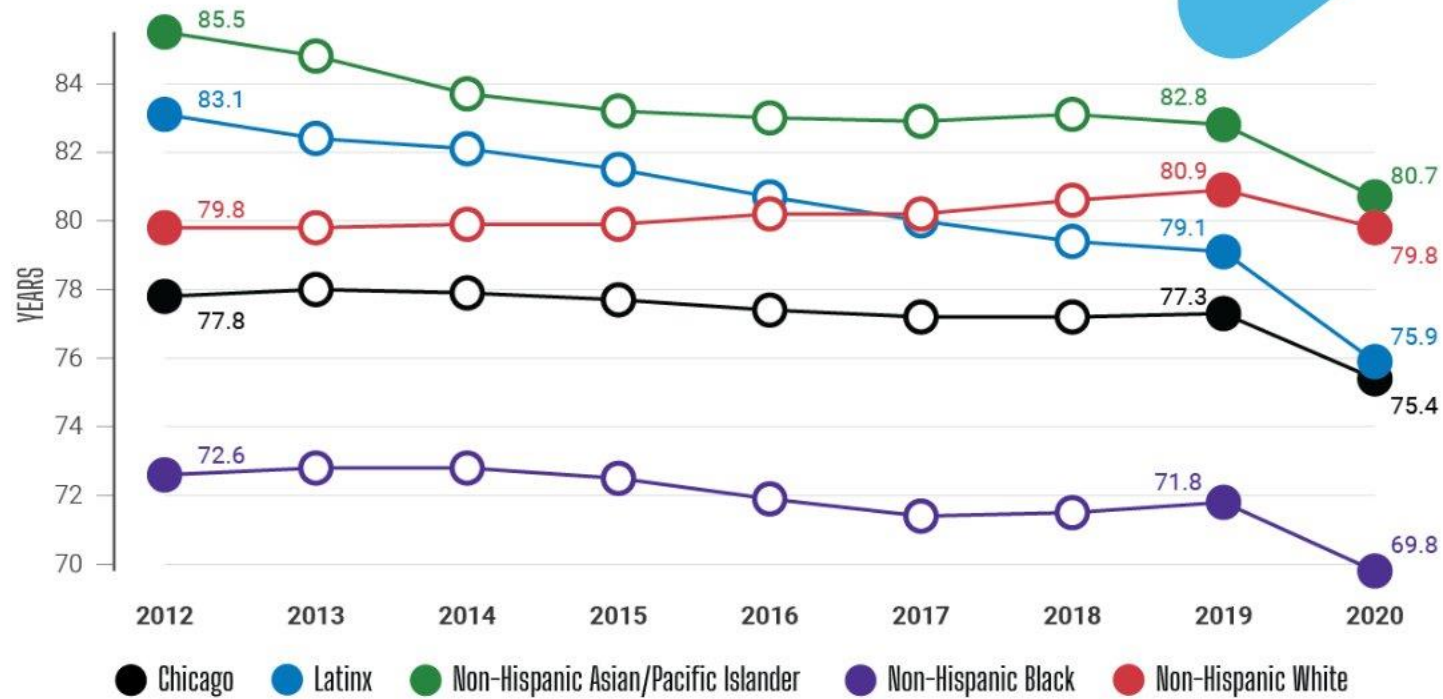
On April 25, Mayor Lightfoot, Dr. Arwady and community leaders participated in a round table discussion on CDPH's newly released data on the declining life expectancy in Chicago



Round table discussion took place at Phalanx Family Services (HCEZ Far South Regional Lead)
Left to right: Vaughn Bryant, Brenda Battle, Dr. Allison Arwady, Mayor Lori Lightfoot, Chi Chi Okwu, Dr. Melissa Simon

Life Expectancy in Chicago Declined During Pandemic's First Year

Biggest Drops among Black, Latinx Chicagoans





AS OF 2020



The gap in life expectancy
between Black and white
Chicagoans was



10 YEARS

which is up from 8.8 years in 2017

For the first time in decades, life expectancy for
Black residents of Chicago fell below 70 years.



BETWEEN 2019 AND 2020

Death rates increased
across all race-ethnicities.
Latinx experienced an
increase of over 60%

**Chicago Latinx residents
saw a more than 3-year drop
in life expectancy...**

The steepest decline for any group.

**This population has lost a total of
7 years of life expectancy since 2012**

IMPACT OF COVID-19

CDPH conducted the Healthy Chicago Survey 2020 (Jun-Dec 2020) and companion Healthy Chicago COVID-19 Social Impact Survey (Apr-May 2021), to more fully understand how Chicagoans were affected by COVID-19 and related social upheaval.

58% of Latinx residents **51%** of Asian residents **43%** of Black residents **43%** of white residents
experienced a job loss or reduction of income

27% of Latinx residents & **26%** of Black residents
reported missing urgent medical appointments

50% of Latinx residents & **59%** of Black residents
held in-person jobs during the height of the pandemic, when vaccines were still unavailable

25% of Latinx residents & **25%** of Black residents
worried about having enough money for housing

37% of Latinx residents & **34%** of Black residents
put off paying for food



**ONE
CHI
FAM**

PARENT OF A NEWBORN?

Visit onechifam.org
for resources, info and more.



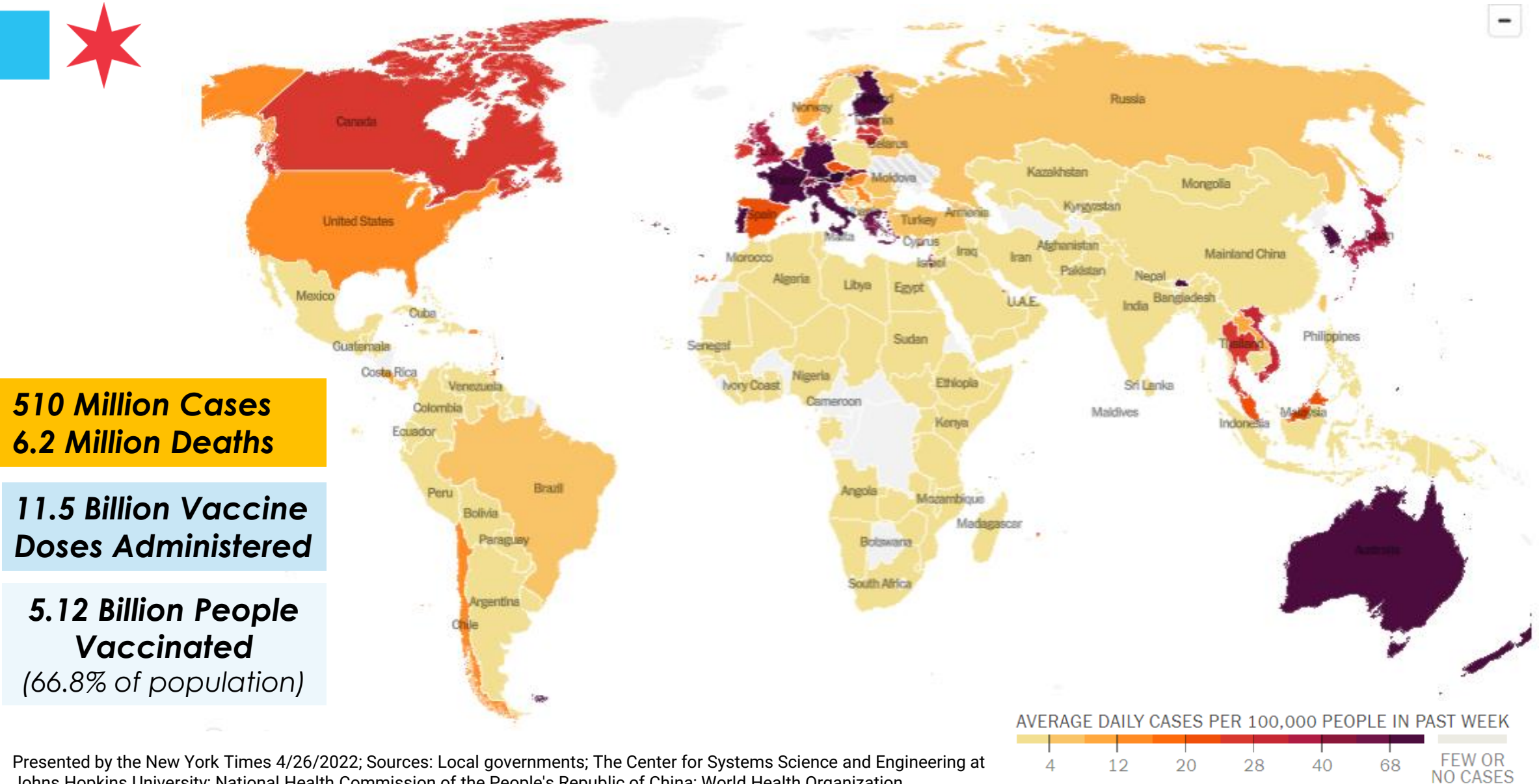
#FamilyConnectsChi

In-home nurse visits* for families with newborns. At no additional cost to you.

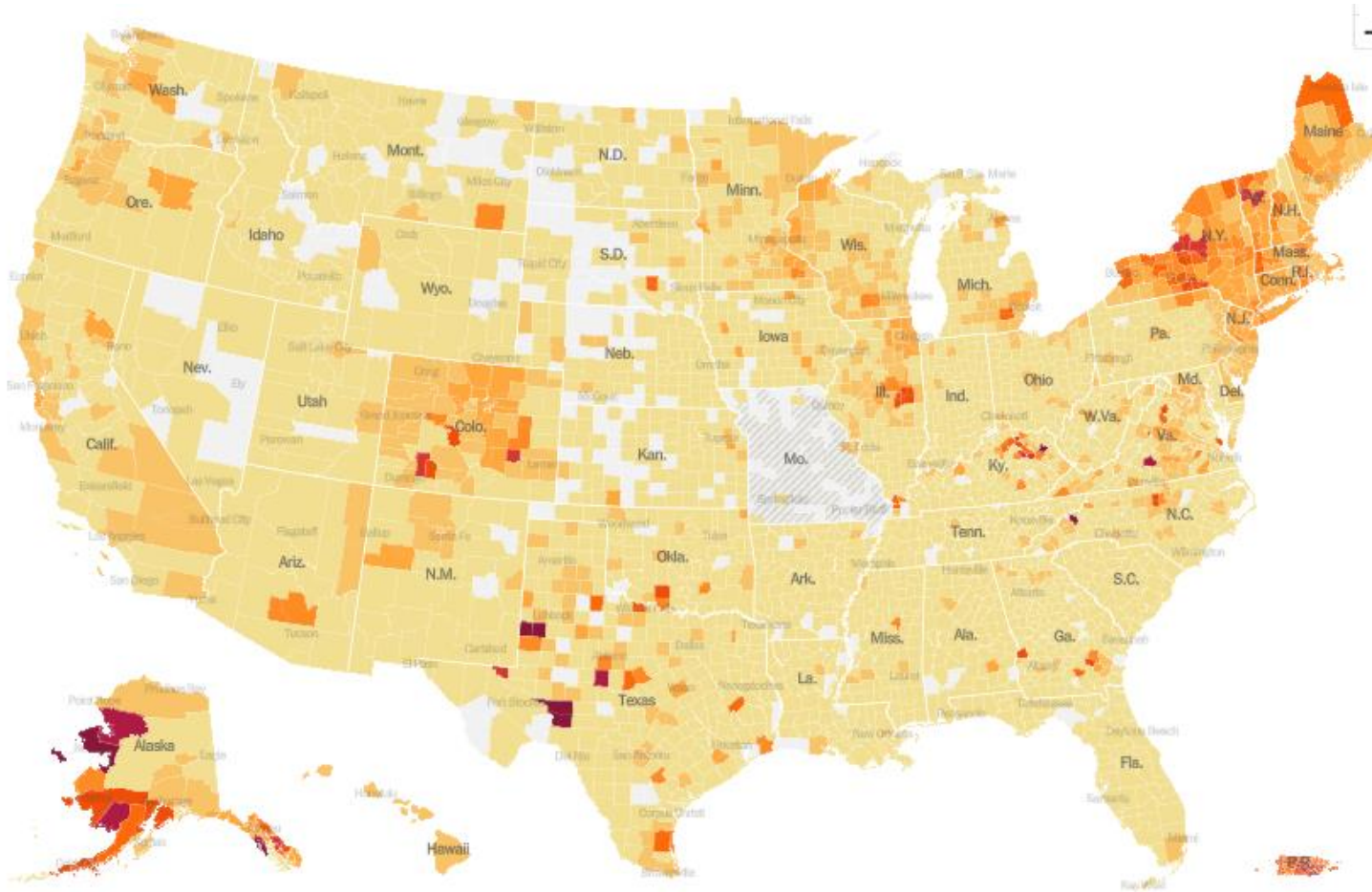
*Initially available at select Chicago hospitals in its pilot phase



Average daily COVID-19 cases per 100,000 population



Average daily COVID-19 cases per 100,000 population



	AT LEAST ONE DOSE	FULLY VACCINATED
All ages	77%	66%
5 and up	82%	70%
65 and up	95%	90%

National currently:

15 diagnosed daily cases per 100,000 people

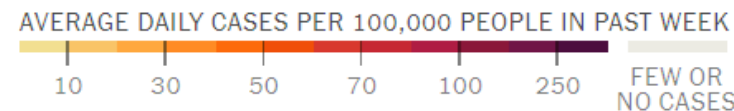
Illinois currently:

25 diagnosed daily cases per 100,000 people

Chicago currently:

22 diagnosed daily cases per 100,000 people

80.9 Million Cumulative Cases
990.062 Cumulative Deaths



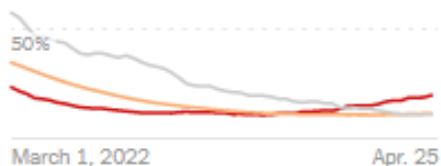


Seeing slight case increases in other areas of the U.S., but nothing causing alarm at this point and continue to monitor

■ Cases ■ Hospitalizations ■ Deaths

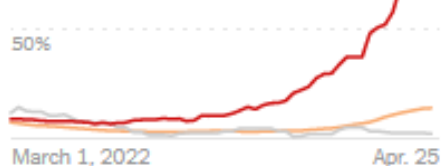
United States

100% of pre-Omicron peak



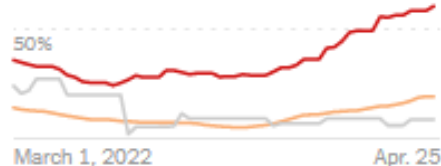
Puerto Rico

100%



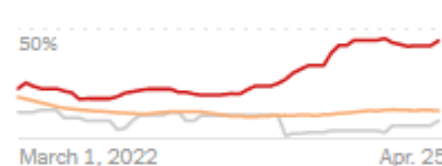
Vermont

100%



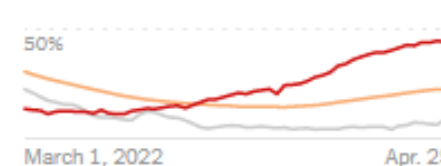
Rhode Island

100%



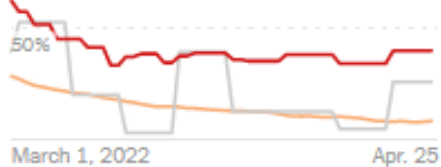
New York

100%



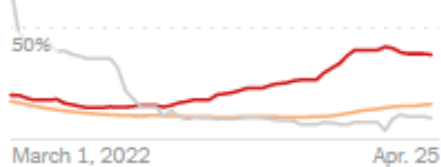
Alaska

100% of pre-Omicron peak



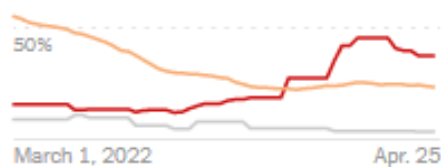
Massachusetts

100%



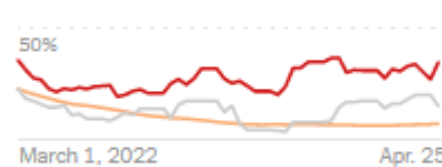
Washington, D.C.

100%



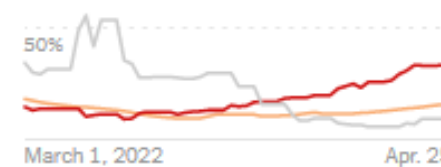
Colorado

100%



Connecticut

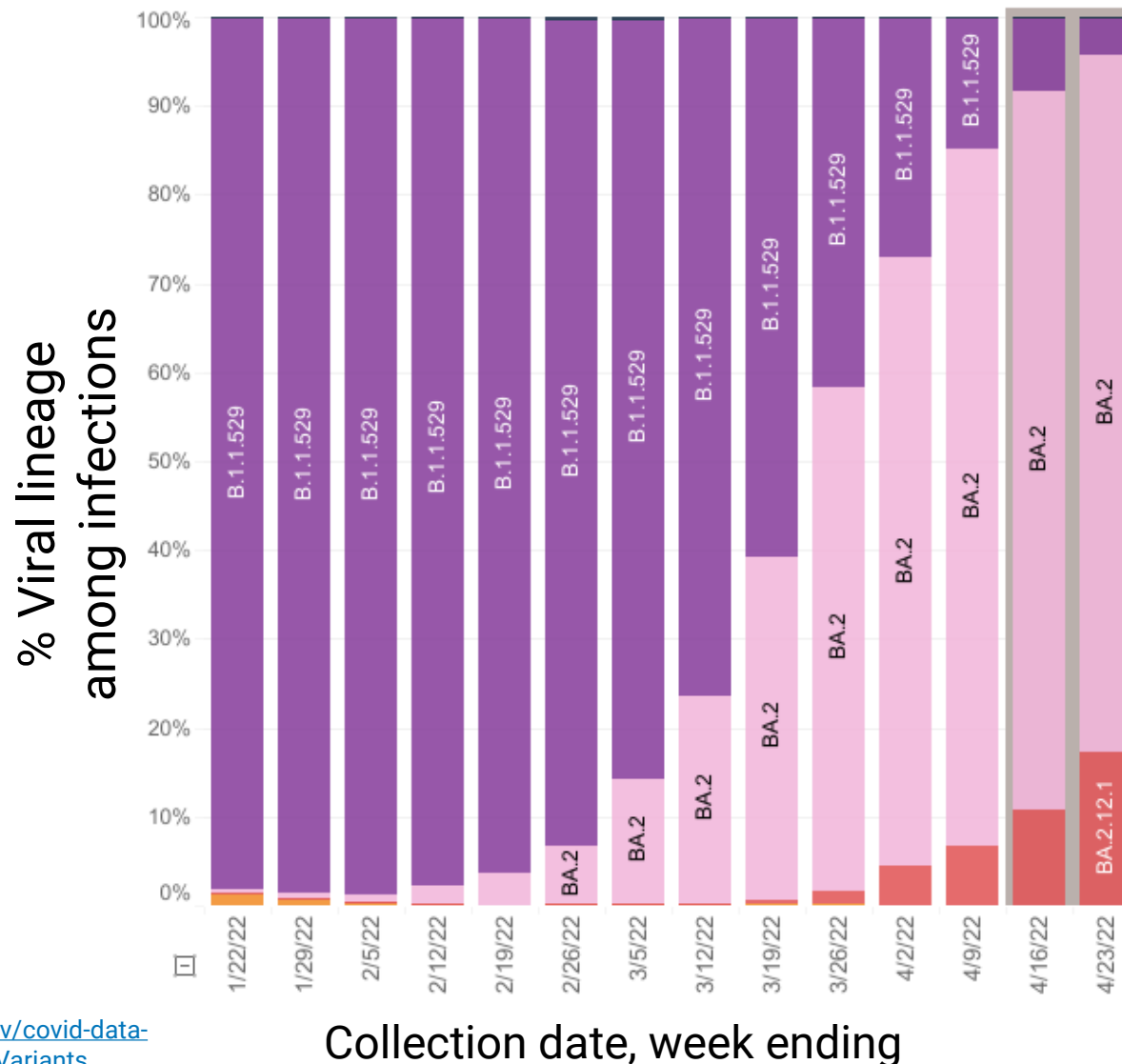
100%



SARS-CoV-2 Variant Surveillance, Midwest Region.



Omicron BA.2 dominant strain in Midwest Region and entire U.S.



Omicron BA.2 (78.5%)

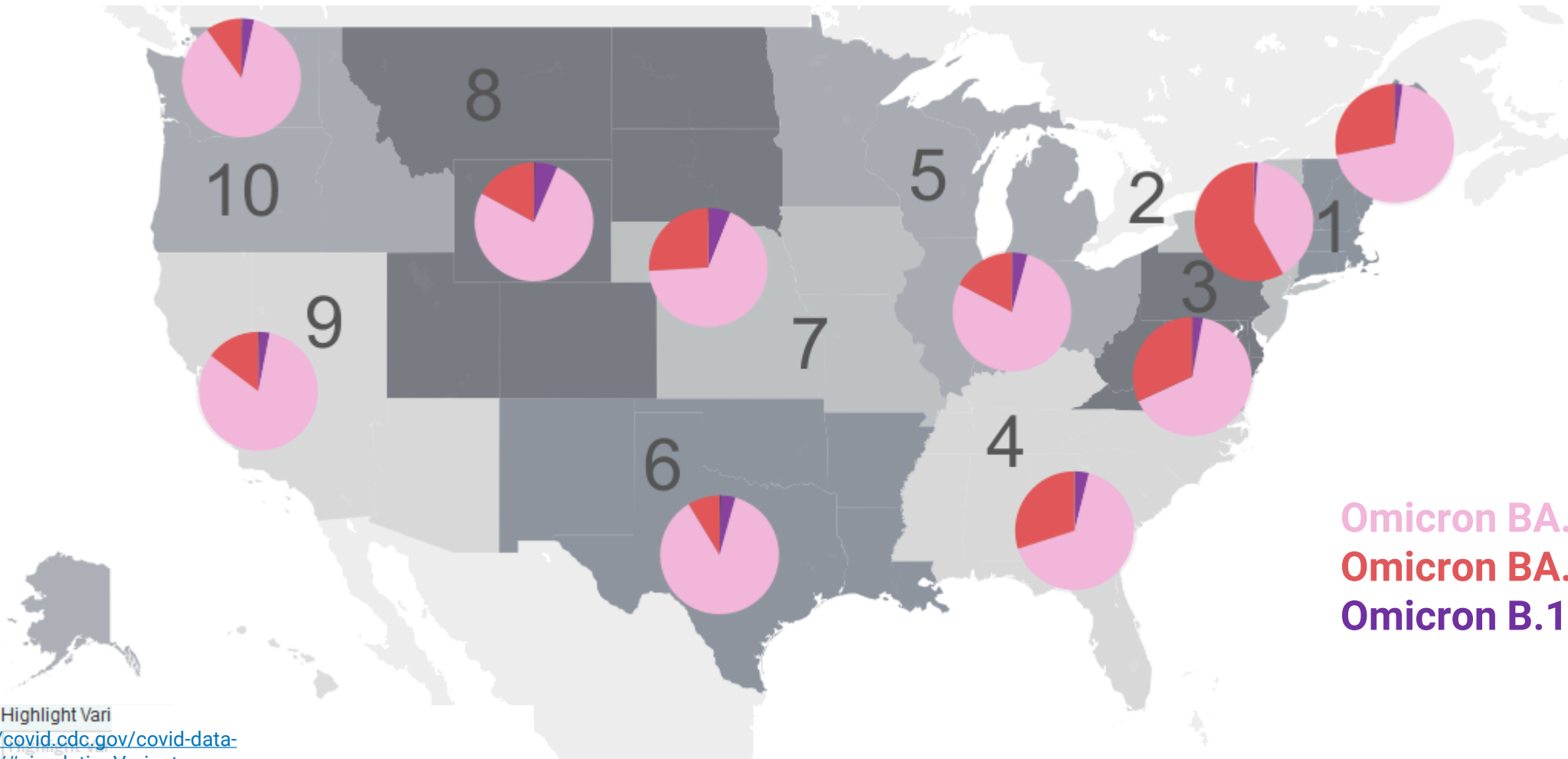
Omicron BA.2.12.1 (17.3%)

Omicron B.1.1 (3.9%)

Delta (0.0%)

★ SARS-CoV-2 Variant Surveillance, United States

United States: 4/17/2022 – 4/23/2022 NOWCAST



Highlight Vari

<https://covid.cdc.gov/covid-data-tracker/#circulatingVariants>



**Chicago's Current CDC COVID-19
Community Level is:**

LOW



WHAT'S A COVID-19 COMMUNITY LEVEL?

- It's a new tool to help communities decide what prevention measures to take based on the latest data
- Every community in the United States is classified as:

Low

Limited impact on healthcare system, low levels of severe illness

Medium

Some impact on healthcare system, more people with severe illness

High

High potential for healthcare system strain; high level of severe illness

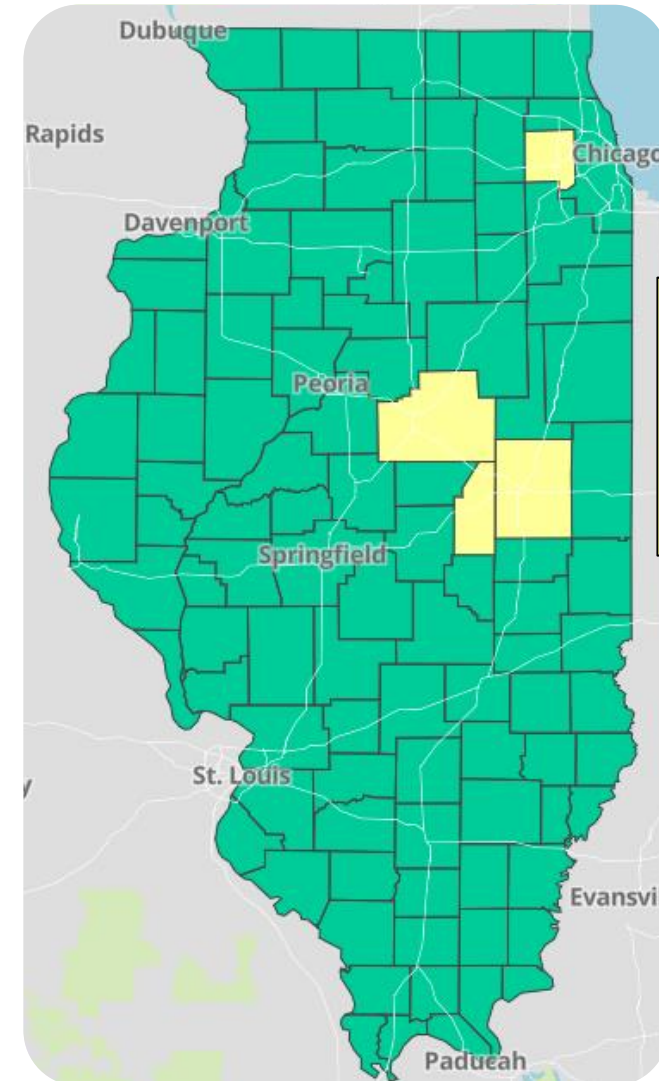
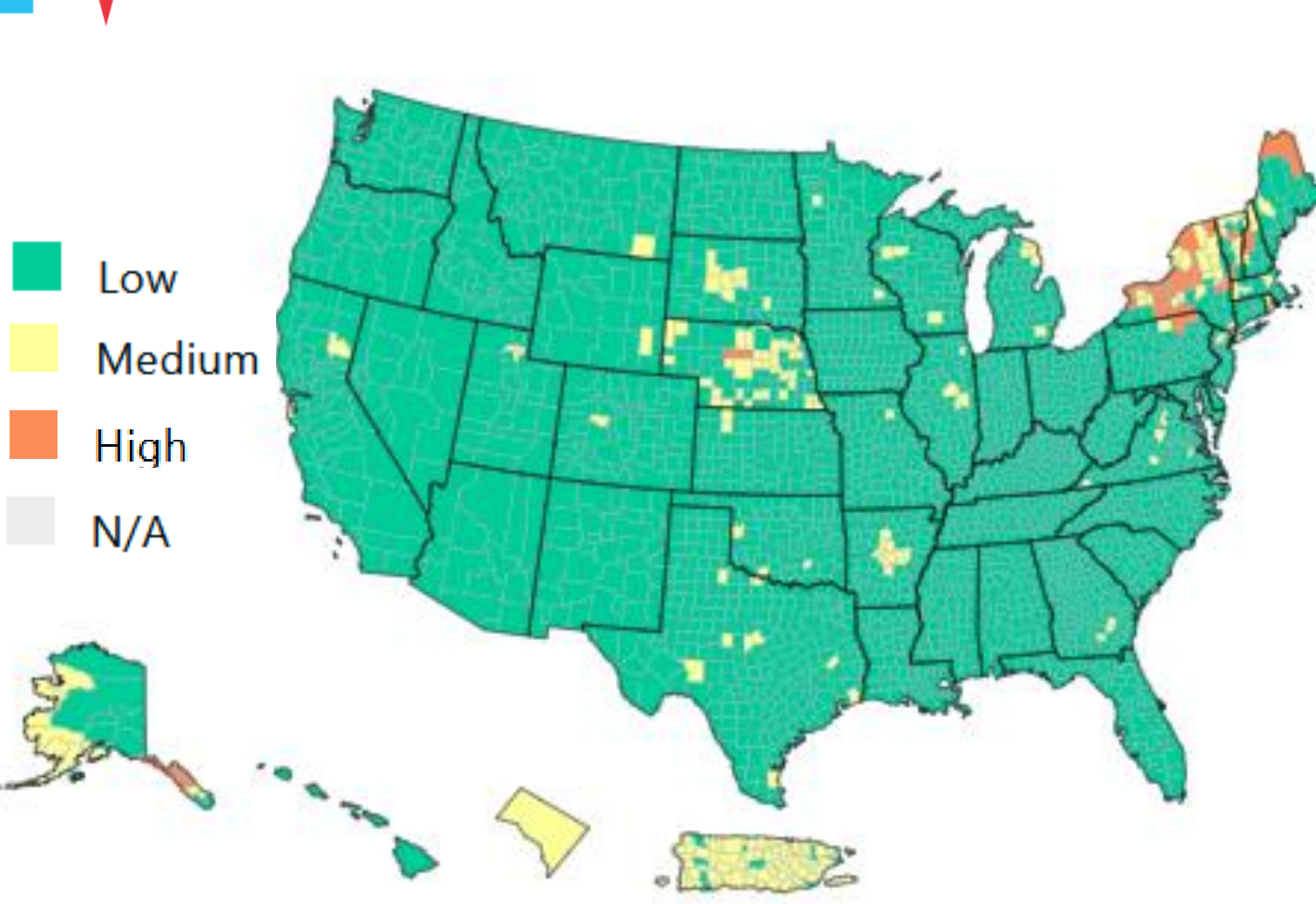


cdc.gov/coronavirus

CS329821-B 02/25/2022

U.S. COVID-19 Community Levels *by County* Map

8.3% (268) of 3,220 counties are in medium or high risk – up 2.4% from previous week





Chicago's COVID-19 Risk Level is **LOW**



Metrics

	New Cases (Per 100,00 people in last 7 days) [LOW is <200]	New COVID-19 admissions per 100,000 population (7-day total) [LOW is <10]	Proportion of staffed inpatient beds occupied by COVID-19 patients (7-day average) [LOW is <10%]
Chicago	151	2.8	2.5%
Cook County	167	4.3	1.4%

Chicago metrics are calculated based on Chicago-level data (data as of 4/26/2022).

Cook County metrics are calculated by the CDC and posted on the CDC Community Levels website (data as of 4/21/2022).

COVID-19 TRAVEL ADVISORY

4/22/2022

According to the CDC's weekly COVID-19 Community Level advisory, **8.3 percent (268)** of the 3,220 counties within the U.S. and Puerto Rico have COVID-19 levels that are “medium” to “high.”

ALL travelers should check the CDC map so they know whether the areas they are traveling to are low, medium, or high risk for COVID-19.

FOR MEDIUM RISK

Consider wearing a mask in indoor public places.

FOR HIGH RISK

Wear a mask in indoor public places.

Travelers 5y+ who aren't up to date with their COVID vaccines should avoid travel. If they do travel to an orange county, upon return they should

- Stay home and quarantine for 5 days after travel
- Take a COVID test 3-5 days after return – if it is positive, stay home and follow CDC guidance



New COVID-19 Cases Per 100,000 people in the past 7 days	Indicators	Low	Medium	High
Fewer than 200	New COVID-19 admissions per 100,000 population (7-day total)	<10.0	10.0-19.9	≥20.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	<10.0%	10.0-14.9%	≥15.0%
200 or more	New COVID-19 admissions per 100,000 population (7-day total)	NA	<10.0	≥10.0
	Percent of staffed inpatient beds occupied by COVID-19 patients (7-day average)	NA	<10.0%	≥10.0%

★ Chicago: COVID-19 Cases

Many first-time and mild (even asymptomatic) COVID infections right now; almost no hospitalizations or deaths.

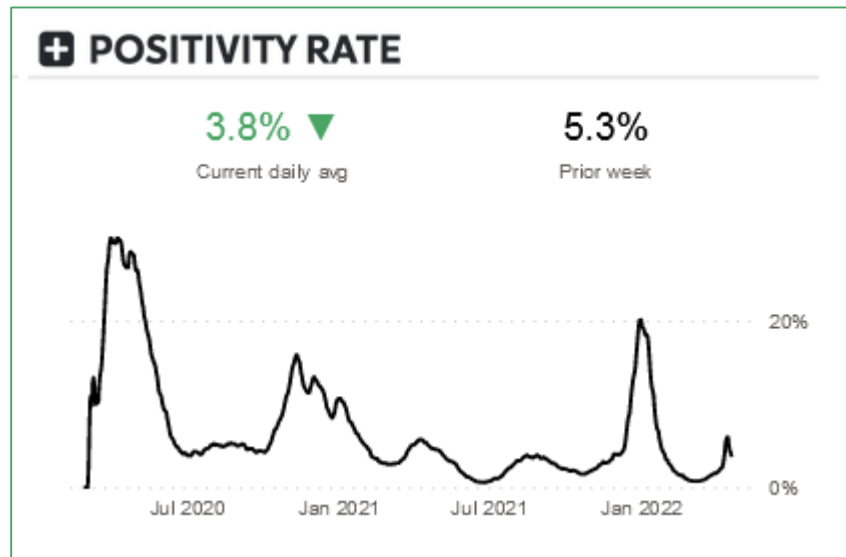


TODAY'S TEST POSITIVITY:

Why the fluctuation? It reflects changes in testing patterns.

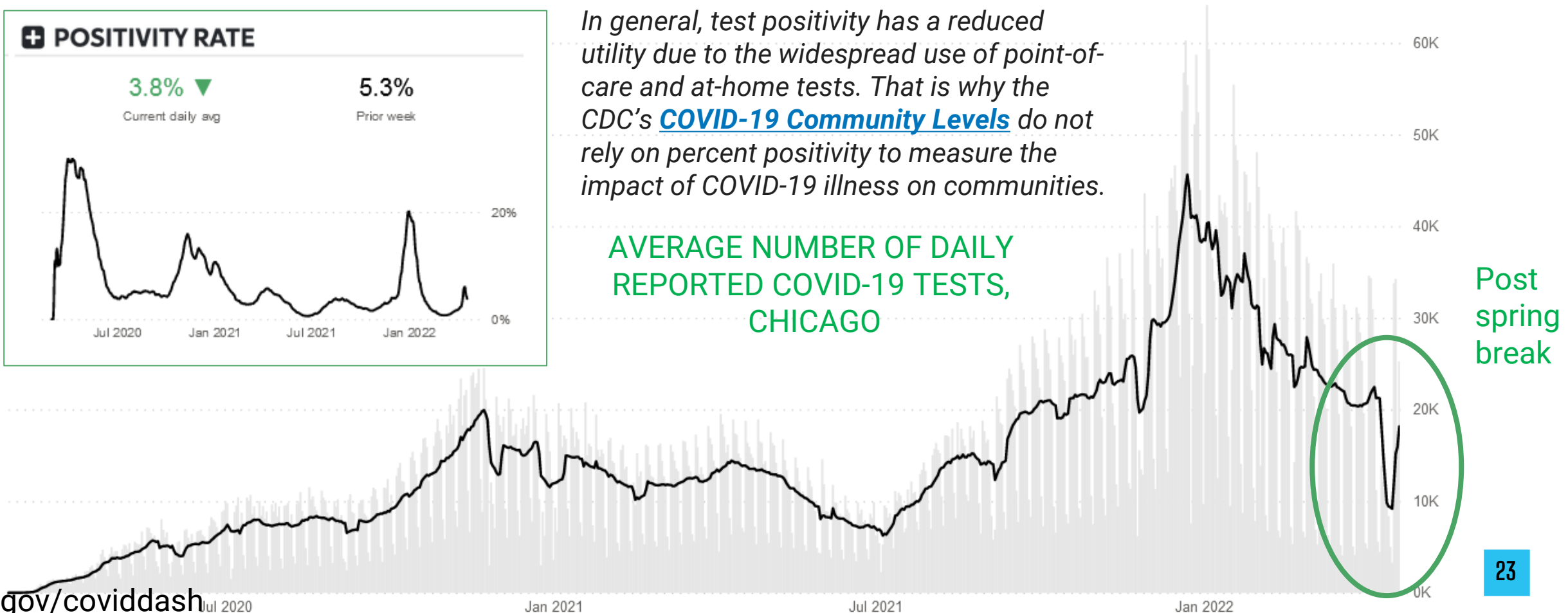


With CPS and other schools on spring break, we saw a drop in reported tests dropped more than 50%. Test positivity (positive tests divided by all tests) therefore more than doubled. As school testing has returned, we are now seeing testing number increase and positivity decrease again.



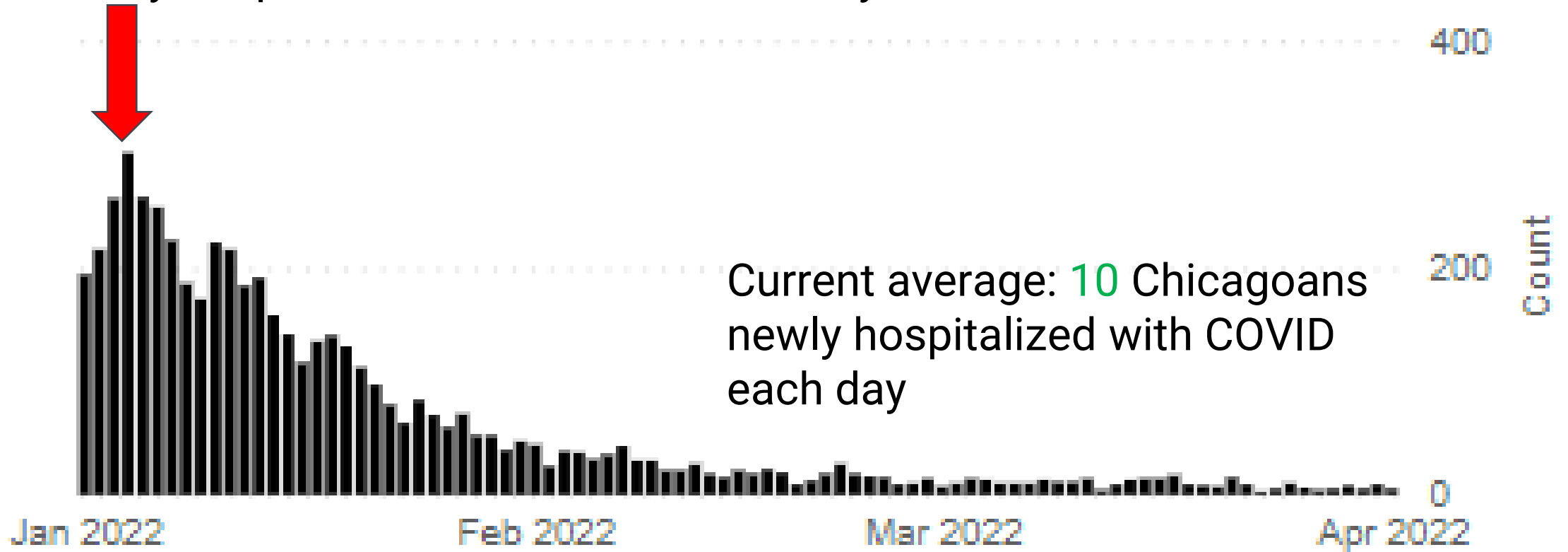
In general, test positivity has a reduced utility due to the widespread use of point-of-care and at-home tests. That is why the CDC's [COVID-19 Community Levels](#) do not rely on percent positivity to measure the impact of COVID-19 illness on communities.

**AVERAGE NUMBER OF DAILY
REPORTED COVID-19 TESTS,
CHICAGO**



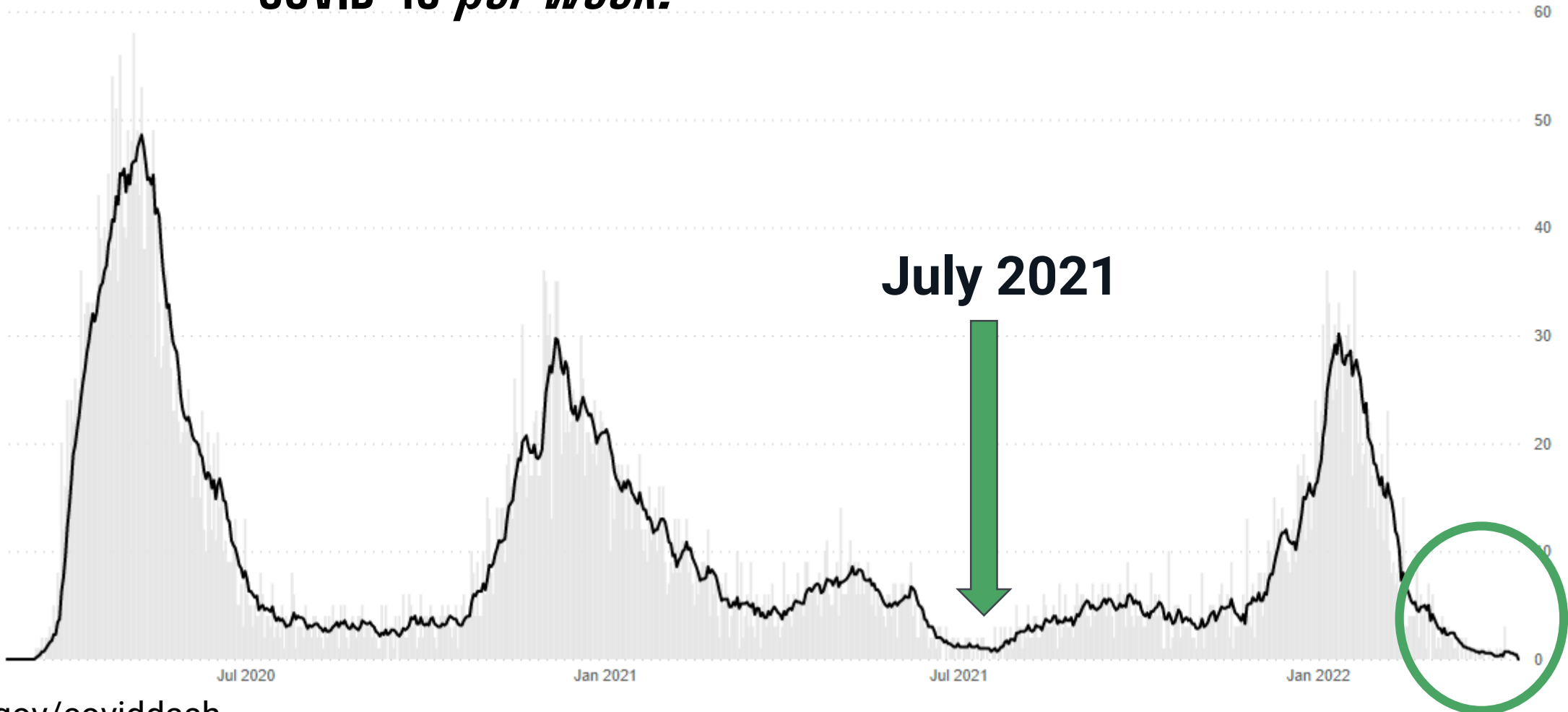
Great news: Chicagoans being hospitalized with COVID-19 has not been this low since July 2021

All time peak was January 4, 2022: 301 Chicagoans newly hospitalized with COVID in one day



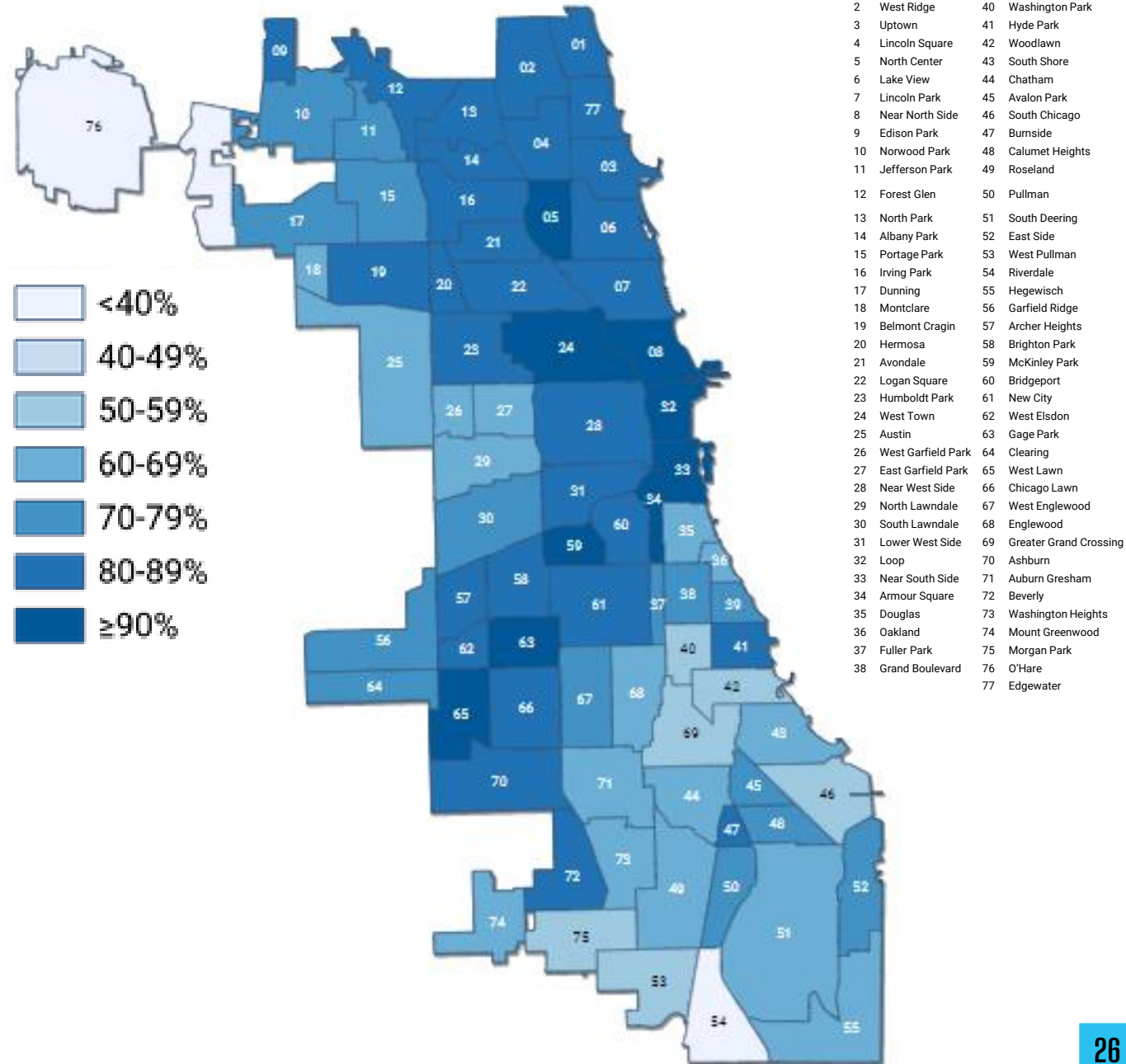
Great news: Fewer Chicagoans are now dying with COVID-19 than at **any** point in the pandemic.

Today, we are averaging fewer than 1 Chicagoan dying from COVID-19 *per week*.



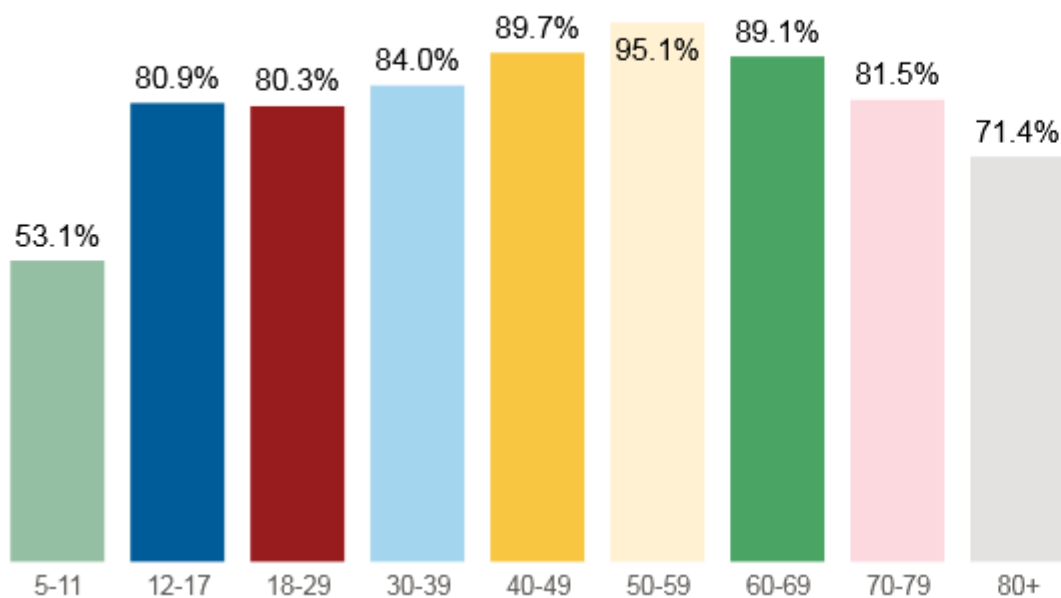


% of Chicagoans 5+ with at least one dose of a COVID-19 Vaccine by Community Area

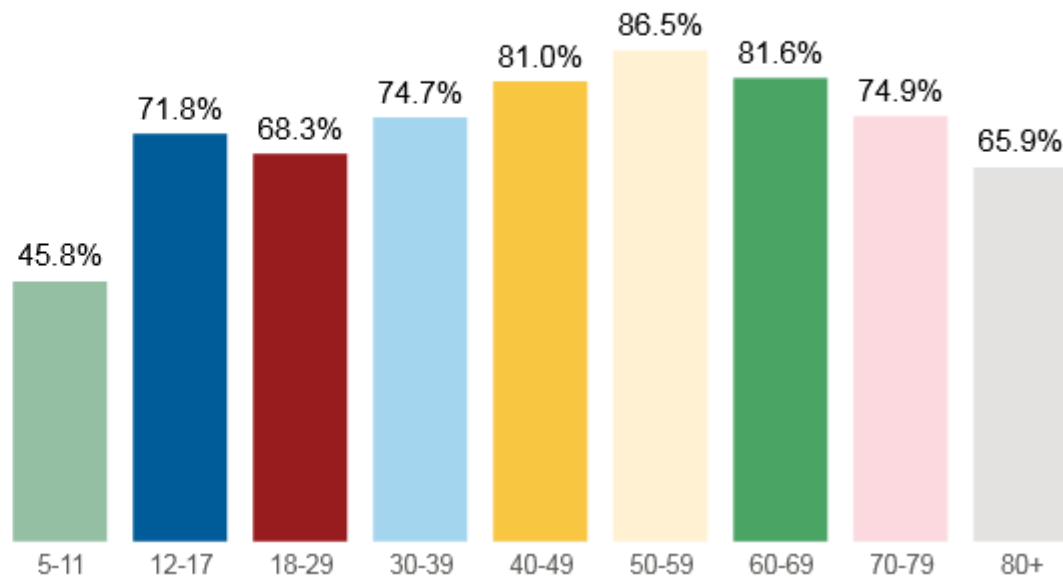


Chicago Vaccination Rate by Age

At least one dose (% vaccinated as of 4/24/2022)

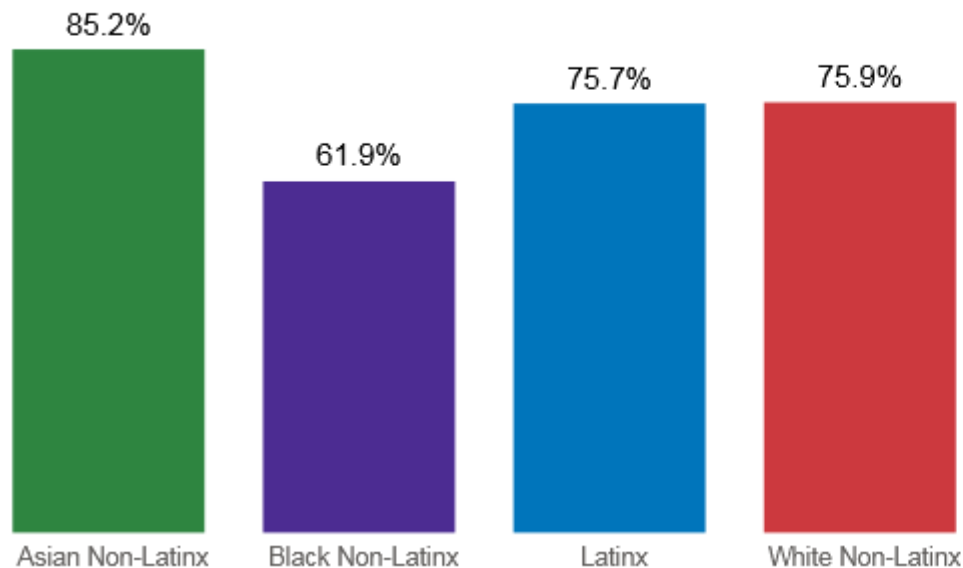


Completed vaccine series (% vaccinated as of 4/24/2022)

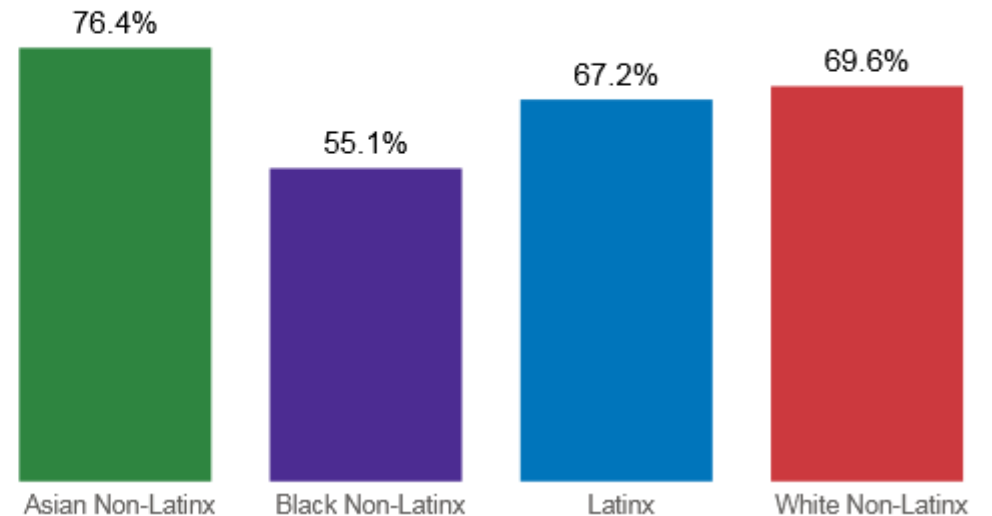


Chicago Vaccination Rate by Race/Ethnicity

At least one dose (% vaccinated as of 4/24/2022)



Completed vaccine series (% vaccinated as of 4/24/2022)

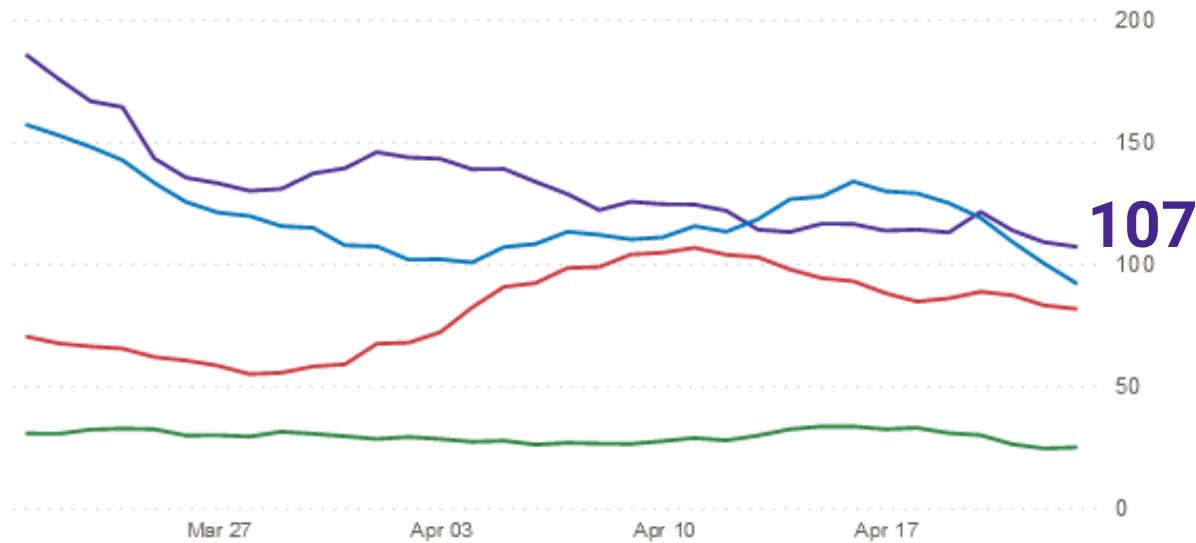




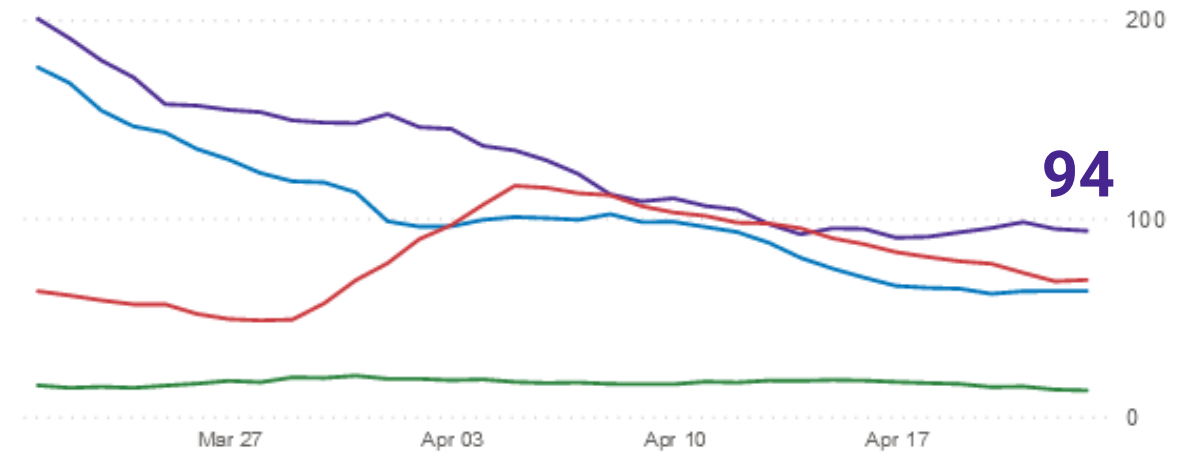
Black Chicagoans are most likely to be receiving a first and second dose of primary COVID vaccine series

Asian-Non-Latinx Black-Non-Latinx Latinx White-Non-Latinx

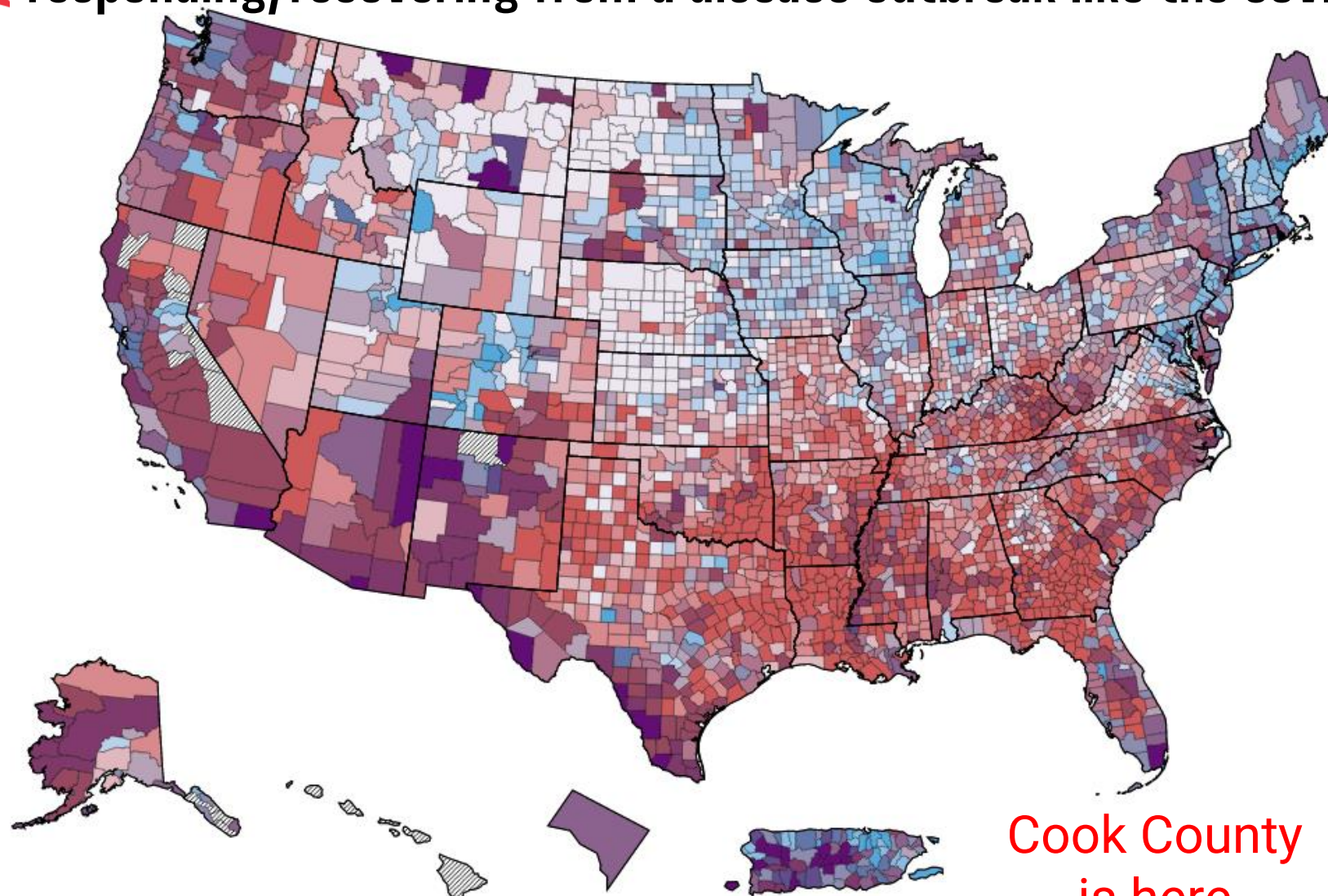
At least one dose (daily average)



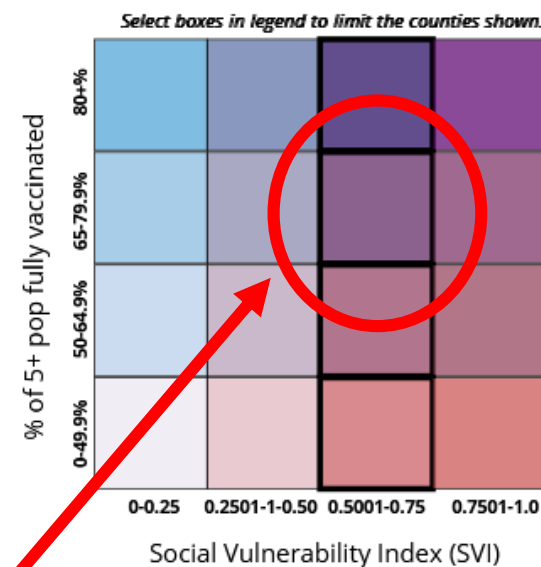
Completed vaccine series (daily average)



CDC's Vaccination Equity Matrix: Despite Cook County's moderate-high social vulnerability index, our vaccination rate is high – a highly protective factor in responding/recovering from a disease outbreak like the COVID-19 pandemic



Social vulnerability is measured by [CDC Social Vulnerability Index \(SVI\)](#), which uses U.S. Census data on categories like poverty, housing, and vehicle access to estimate a community's ability to respond to and recover from disasters or disease outbreaks.



No Data

Clear Selections

Cook County
is here

★ What's going on with masks on transit?

- **Federal CDC mandate** for Conveyances struck by FL judge.
- **In Illinois, the Governor's Executive Order 2022-06** lifted.
- **CDC** continues to recommend that people wear masks in indoor public transportation settings at this time.
- **CTA and Metra:** Masks are no longer required but recommended.



Photo Source: Chicago Tribune

If you see someone choosing to wear a mask, please remember:

- People may have an autoimmune condition
- People may have high-risk loved ones
- People may have unvaccinated children
- People may be unvaccinated
- People may prefer to wear a mask



Please be kind and respectful of everyone's choice

GET VAXXED AT HOME!

- Anyone age 5+ can get a COVID-19 vaccine at home
- Pfizer pediatric, adult and boosters doses available
- Up to 10 people can get vaccinated at the same time
- Booster doses available
- Appointments: Saturday-Tuesday, 8:00 am to 6:30 pm



Chicago residents of certain zip codes are eligible to receive a **\$50 gift card** for each dose of primary vaccine administered (1st and 2nd dose only).

ELIGIBLE CHICAGO ZIP CODES

60608, 60612, 60617, 60619, 60620,
60621, 60624, 60628, 60633, 60636
60637, 60644, 60649, 60651,
60653, 60707, 60827

FOR APPOINTMENTS: [CHICAGO.GOV/ATHOME](https://chicago.gov/athome) • 312-746-4835

Need a vaccine or a booster? Have questions?

visit **CHI.GOV/COVIDVAX**

or call **312-746-4835**



PROTECT
CHICAGO ★