

Ask Dr. Arwady

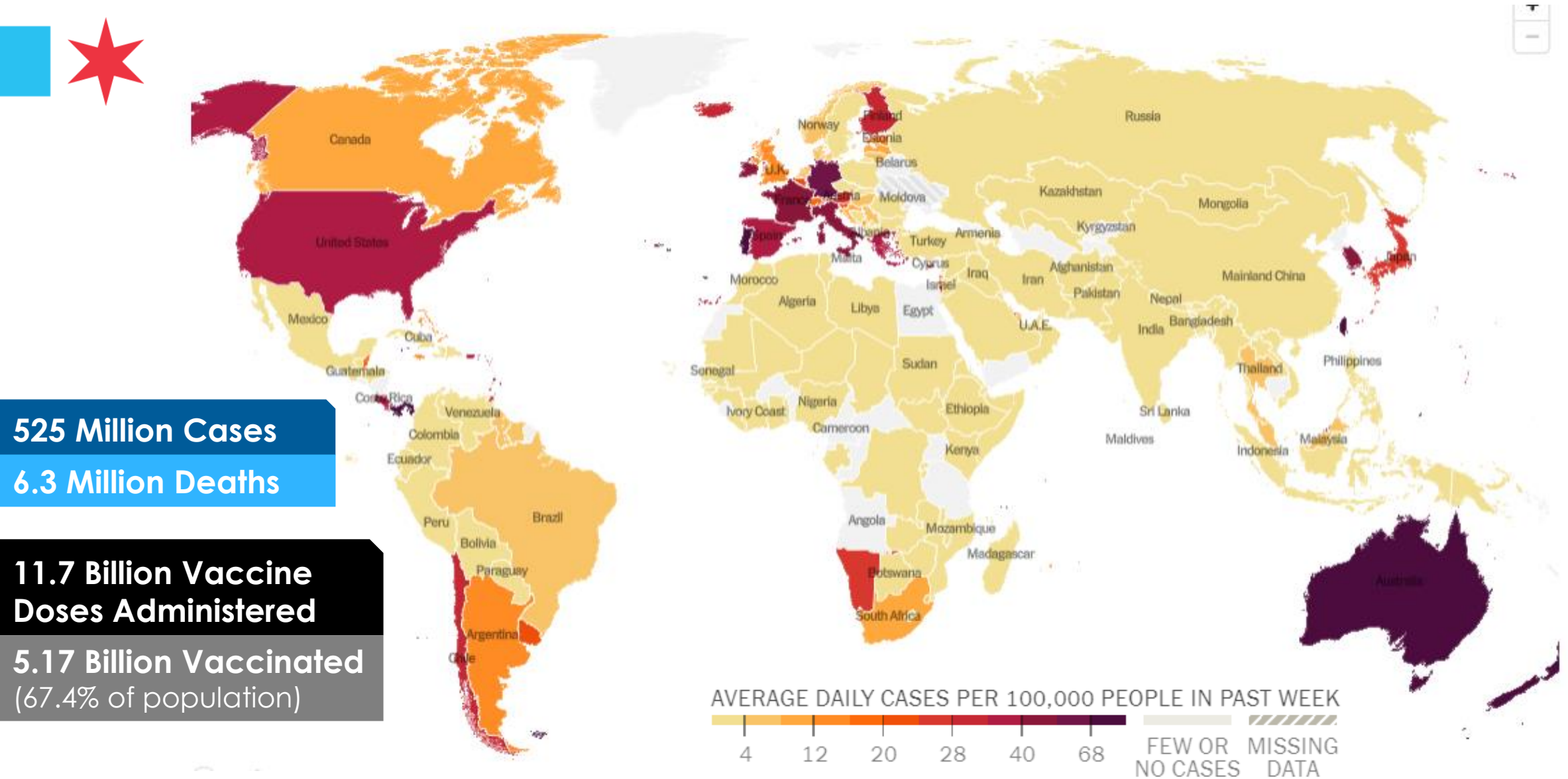
May 24, 2022



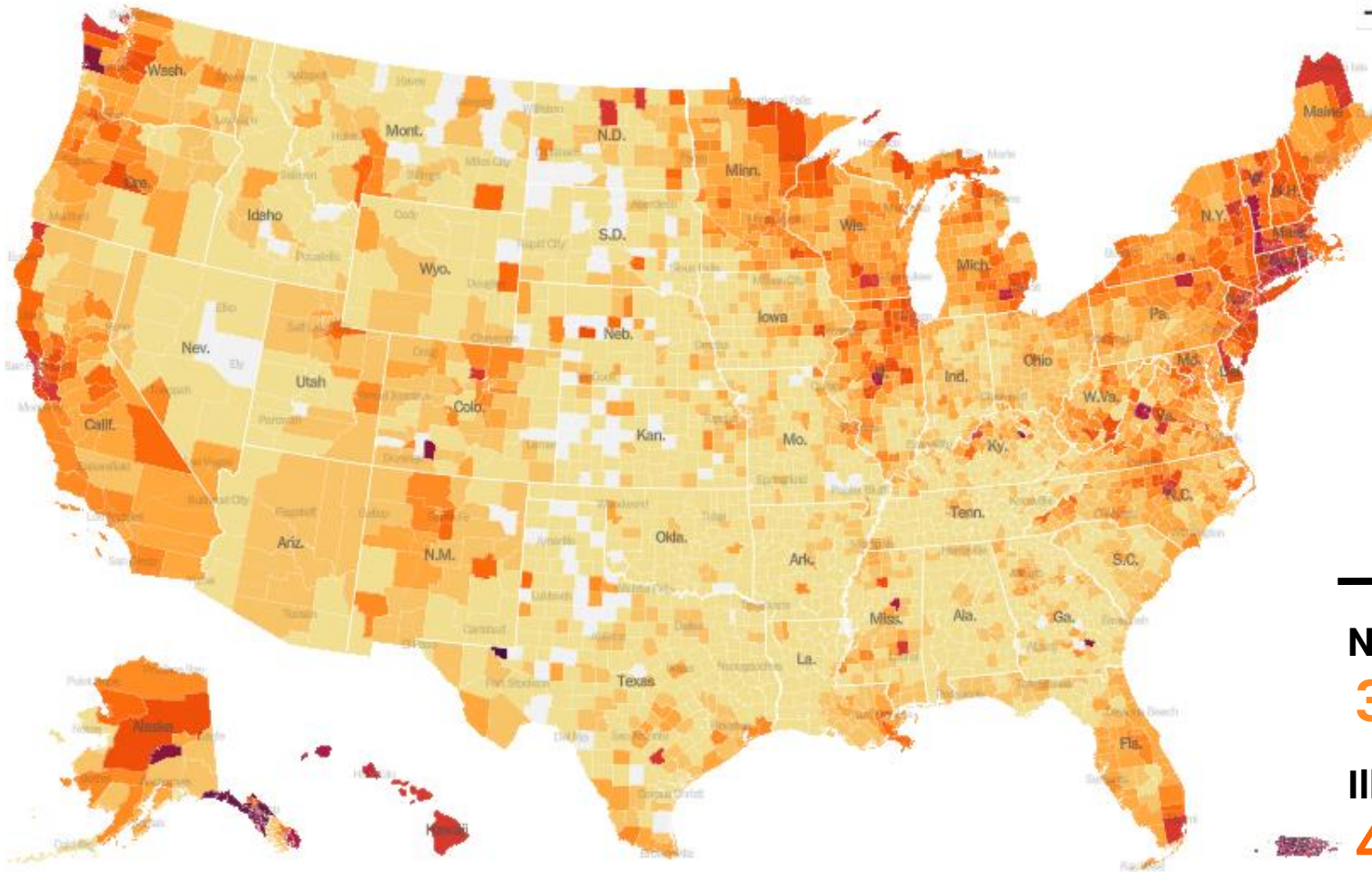
FOR ALL OF CHICAGO

MAKING GOVERNMENT WORK
FOR ALL OF CHICAGO.

Average Daily COVID-19 cases per 100,000 population



Average daily COVID-19 cases per 100,000 population



Vaccinations

	At least one dose	Fully vaccinated
All ages	78%	66%
5 and up	83%	71%
65 and up	95%	91%

National currently:

33 diagnosed daily cases per 100,000 people

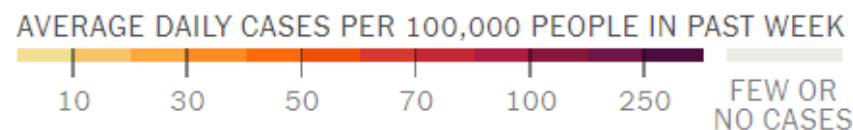
Illinois currently:

45 diagnosed daily cases per 100,000 people

Chicago currently:

42 diagnosed daily cases per 100,000 people

83.2 Million Cumulative Cases
1,000,602 Cumulative Deaths

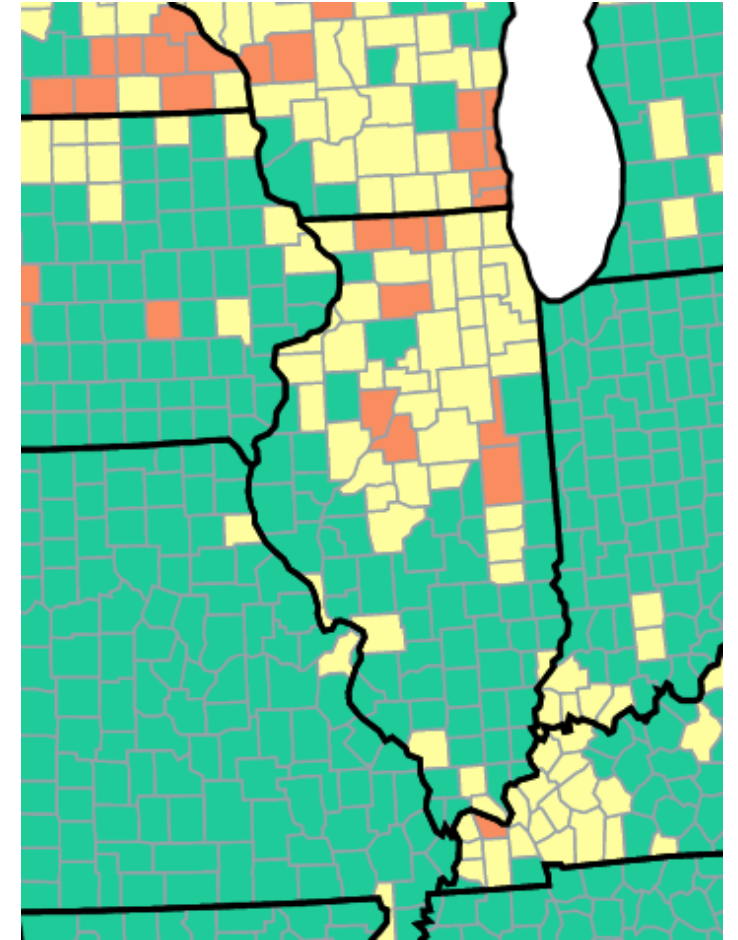
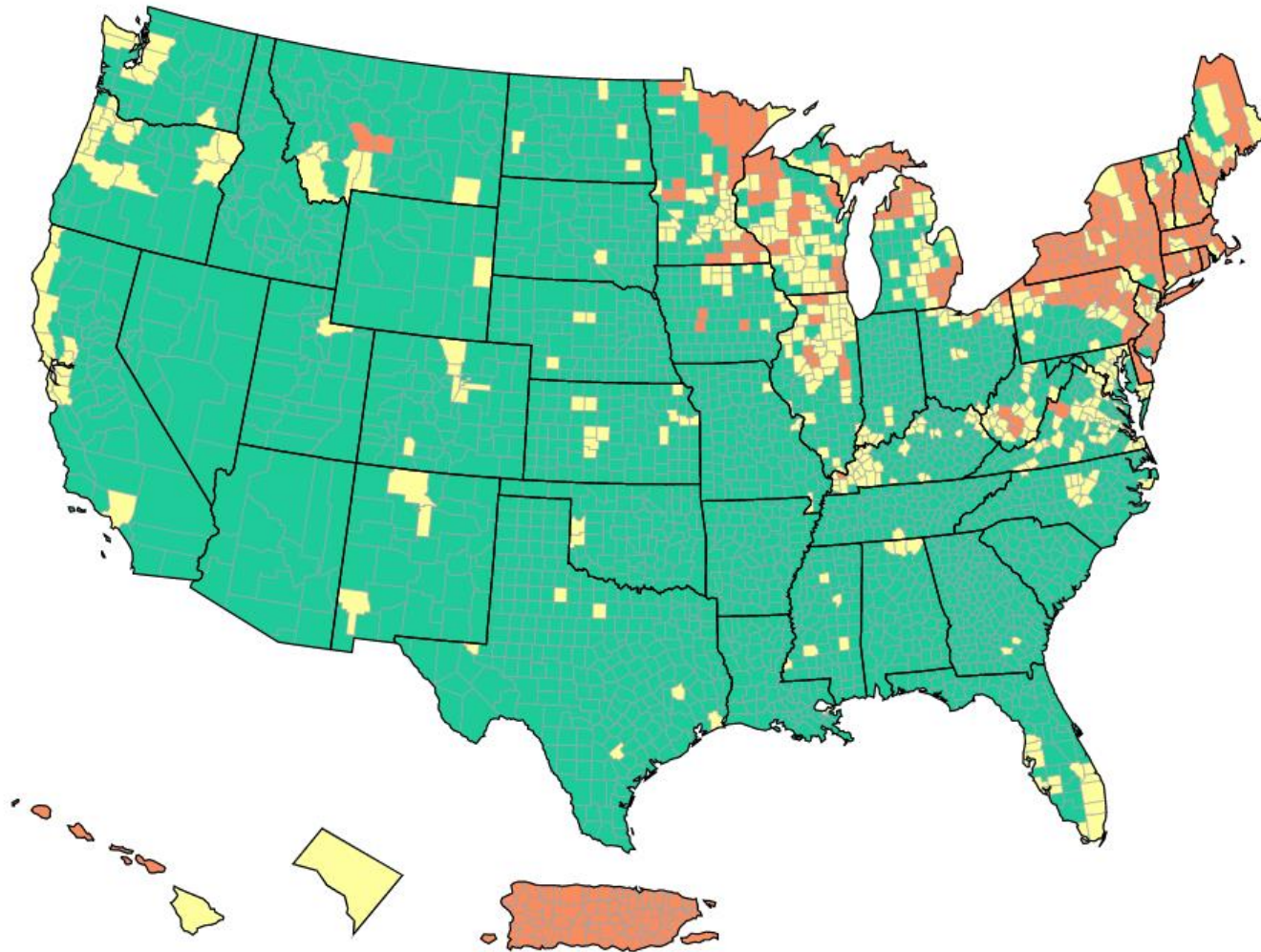


U.S. COVID-19 Community Levels *by County* Map



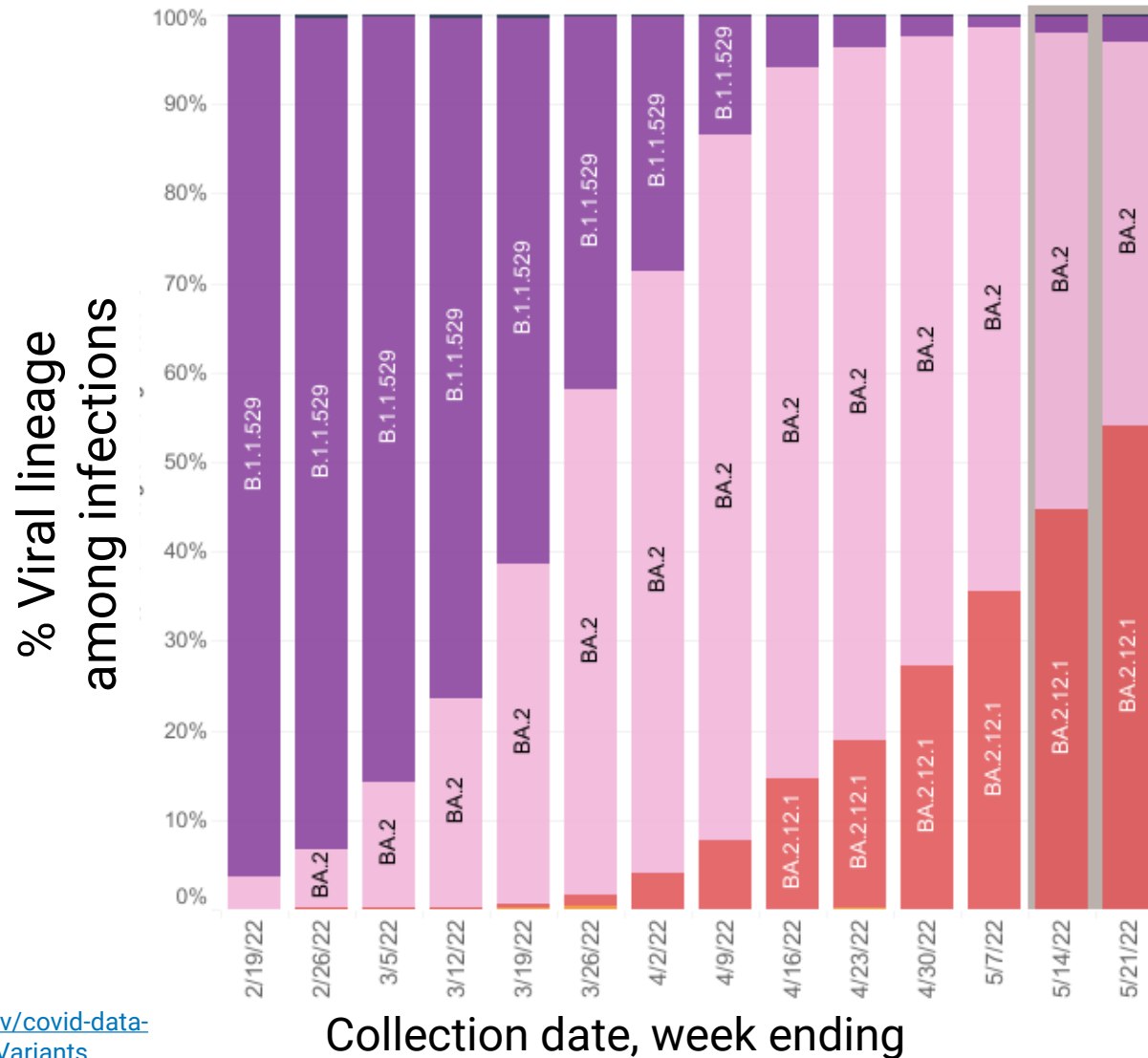
24% (780) of 3,220 counties are in medium or high risk

- Low
- Medium
- High
- N/A



Variant Surveillance, Midwest Region: Continued evolution of more infectious Omicron subvariants

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



Omicron BA.2 (54%)

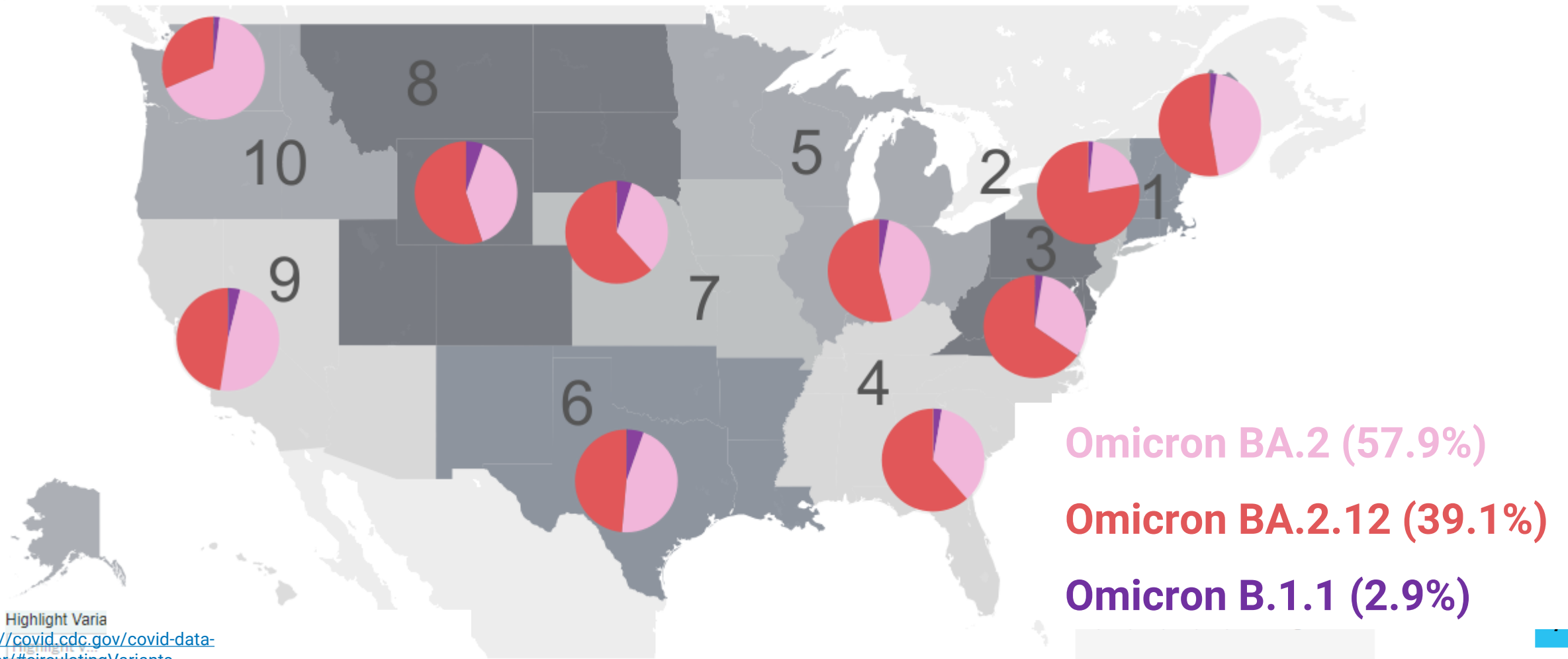
Omicron BA.2.12.1 (43%)

Omicron B.1.1 (3%)

Delta (0.0%)

★ SARS-CoV-2 Variant Surveillance, United States

United States: 5/15/2022 – 5/21/2022 NOWCAST



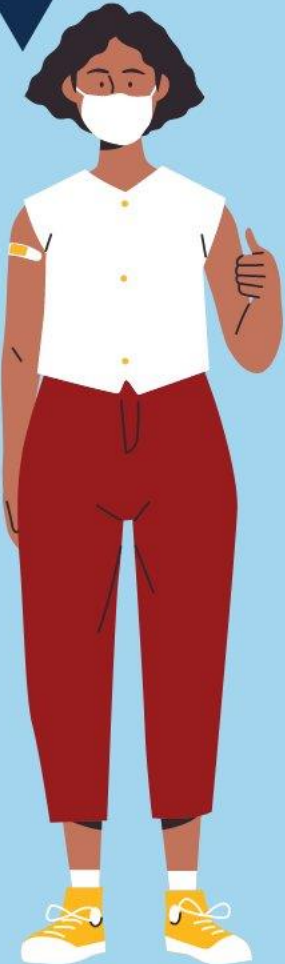
Chicago's COVID-19
community level is

MEDIUM

LOW

MEDIUM

HIGH



**MASKS ARE NOW
STRONGLY
RECOMMENDED
INDOORS**

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

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



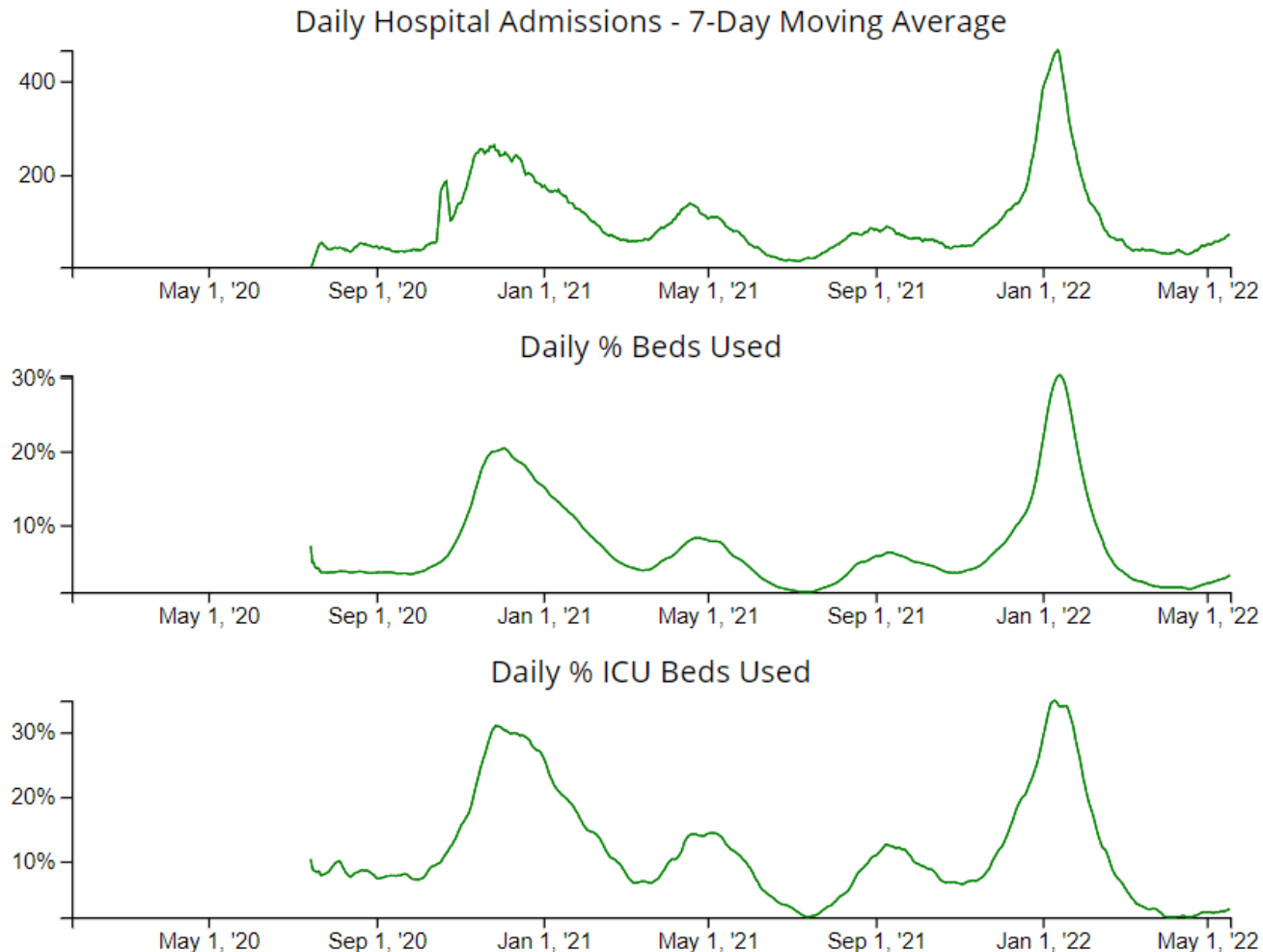
Metrics

	New Cases (Per 100,00 people in last 7 days) [GOAL is <200]	New COVID-19 admissions per 100,000 population (7-day total) [GOAL is <10]	Proportion of staffed inpatient beds occupied by COVID-19 patients (7-day average) [GOAL is <10%]
Chicago	290	4.9	4.5%
All of Cook County (including suburban Cook)	367	9.8	3.0%

Chicago metrics are calculated based on Chicago-level data (data as of 5/24/2022).

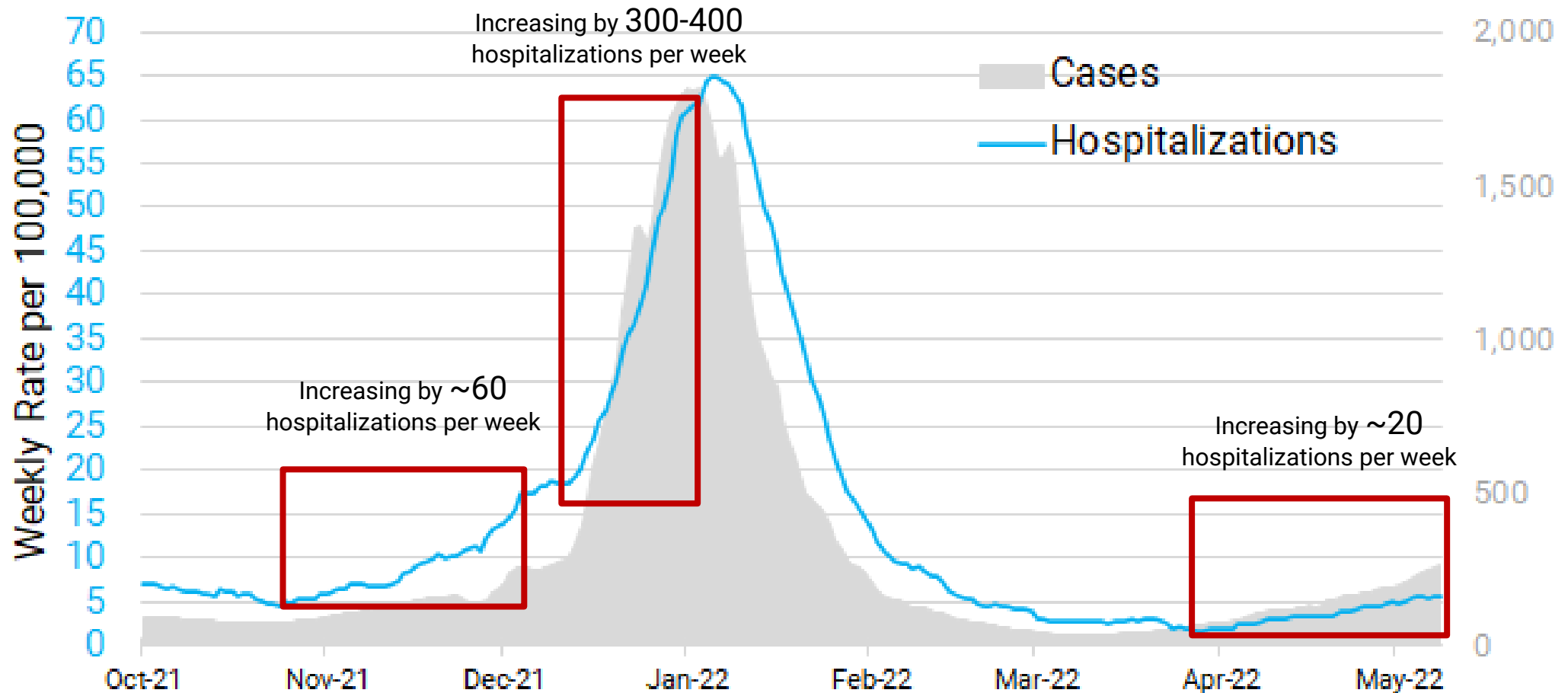
Cook County metrics are calculated by the CDC and posted on the CDC Community Levels website (data as of 5/20/2022).

CDC Community Level for Cook County and associated Health Service Area (HSA) remains at **MEDIUM** this week



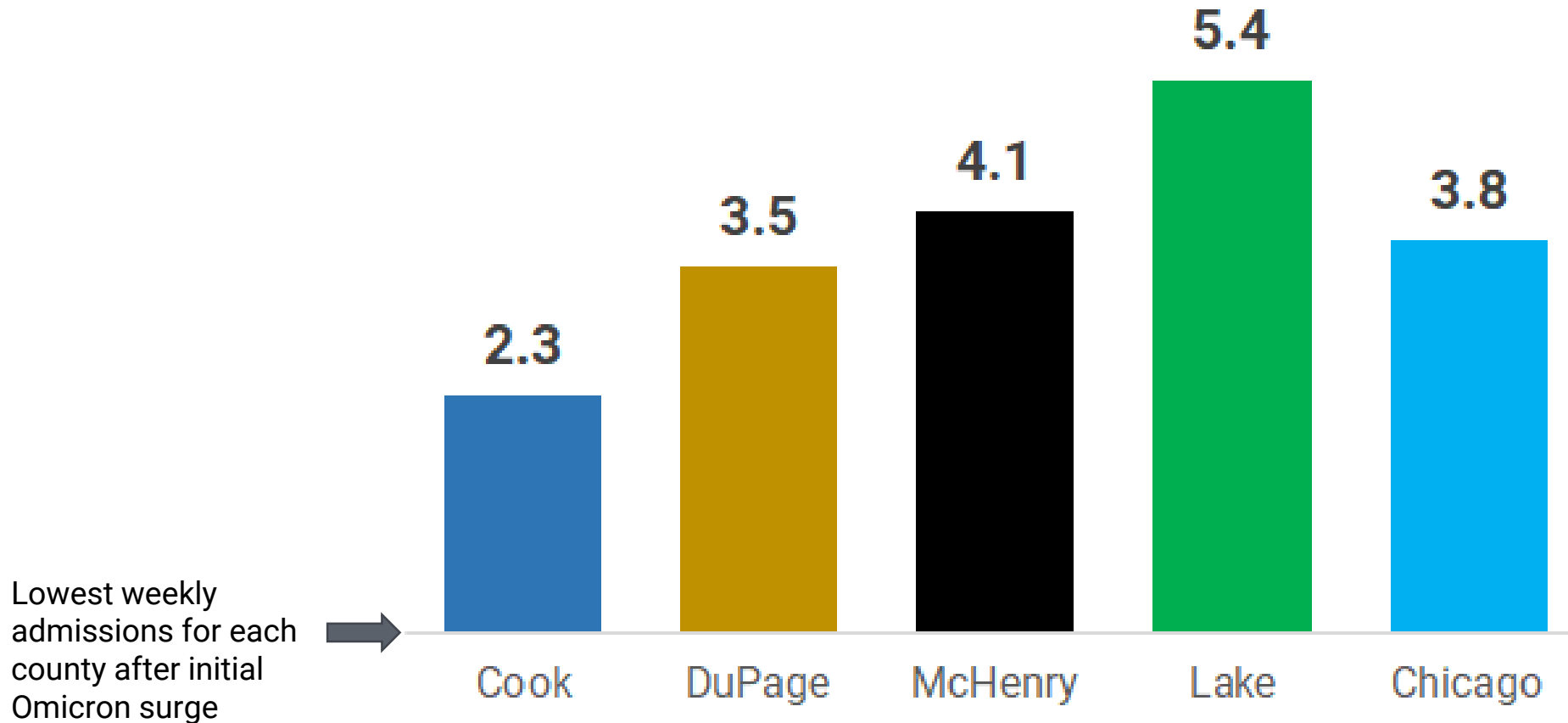
See [CDC Data Tracker](#) for more details

Hospitalizations among Chicago residents are increasing, but at a **very slow rate** compared to last fall and winter

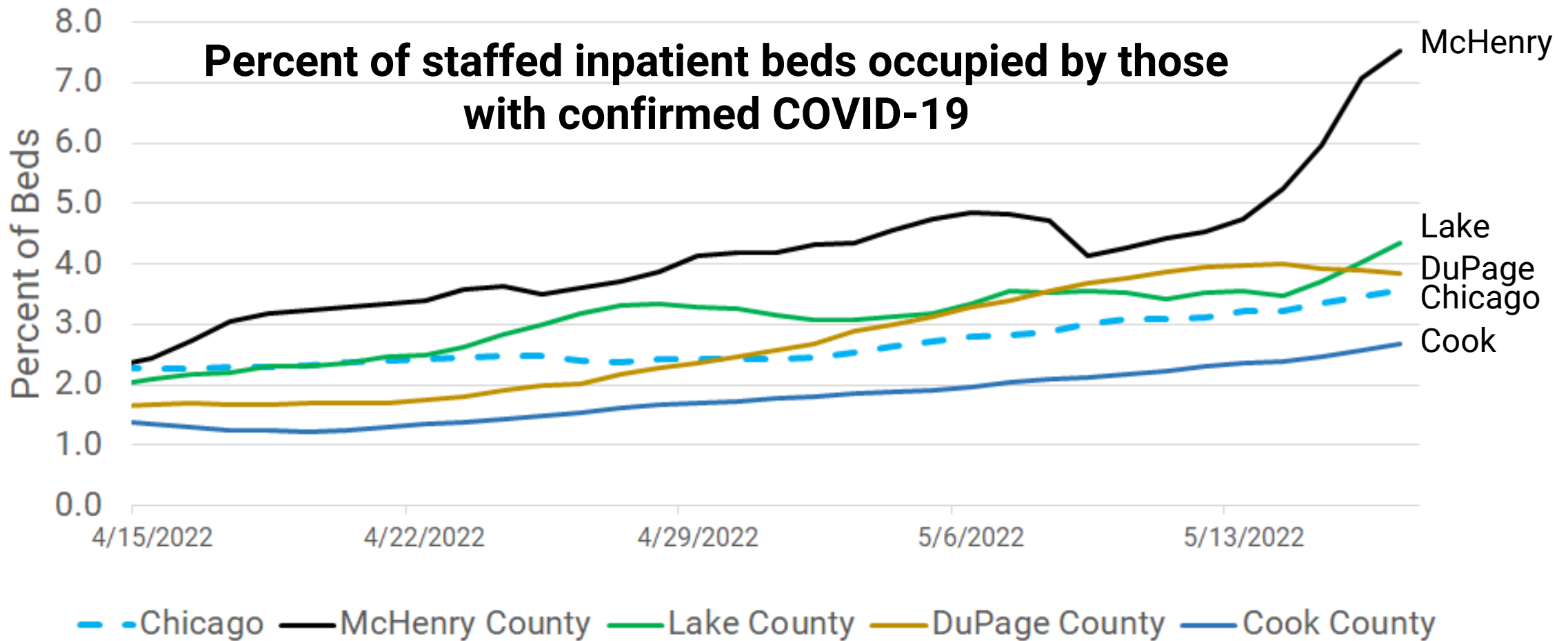


Hospitals in some surrounding counties have seen a larger strain on their capacity due to COVID-19 in recent weeks

How many times higher weekly COVID-19 admissions are now compared to their lowest point following the first Omicron surge

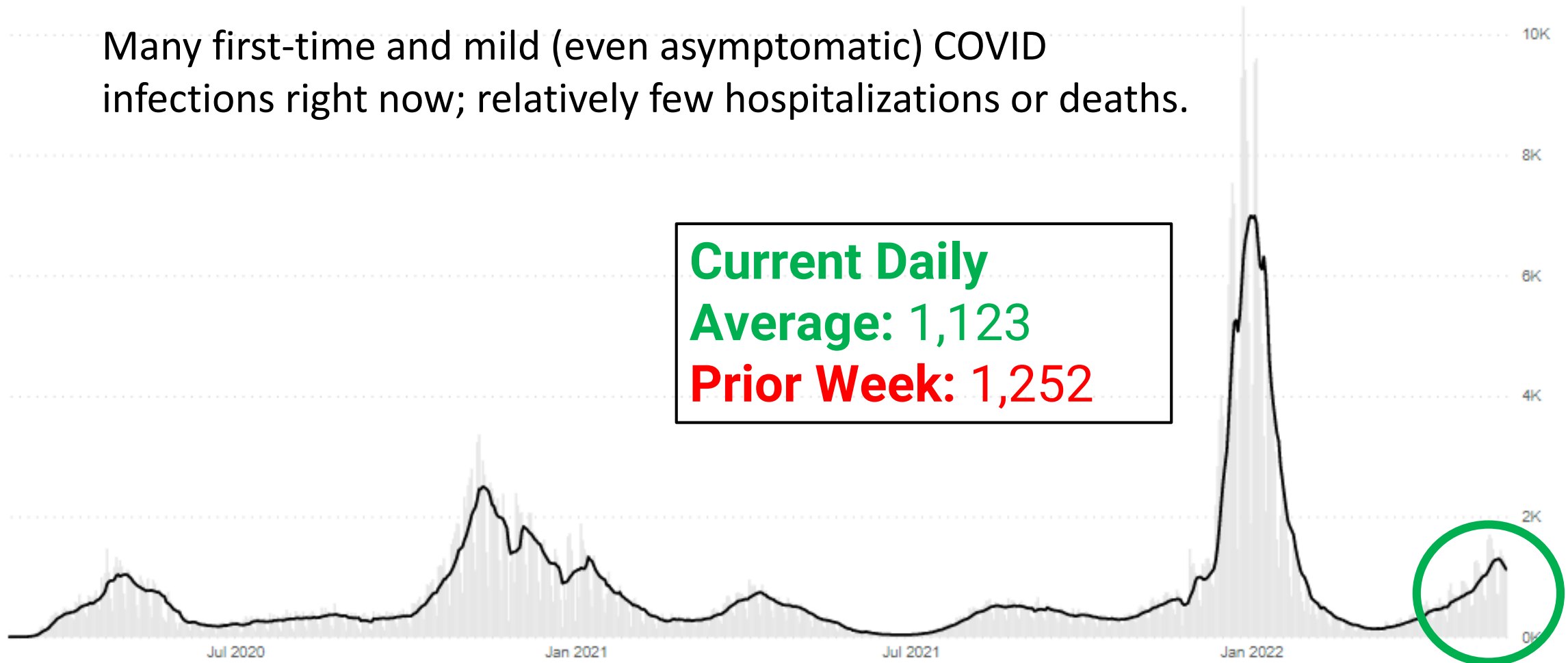


Hospitals in **collar counties** are currently experiencing greater hospital burden due to COVID-19 than Chicago/Cook hospitals



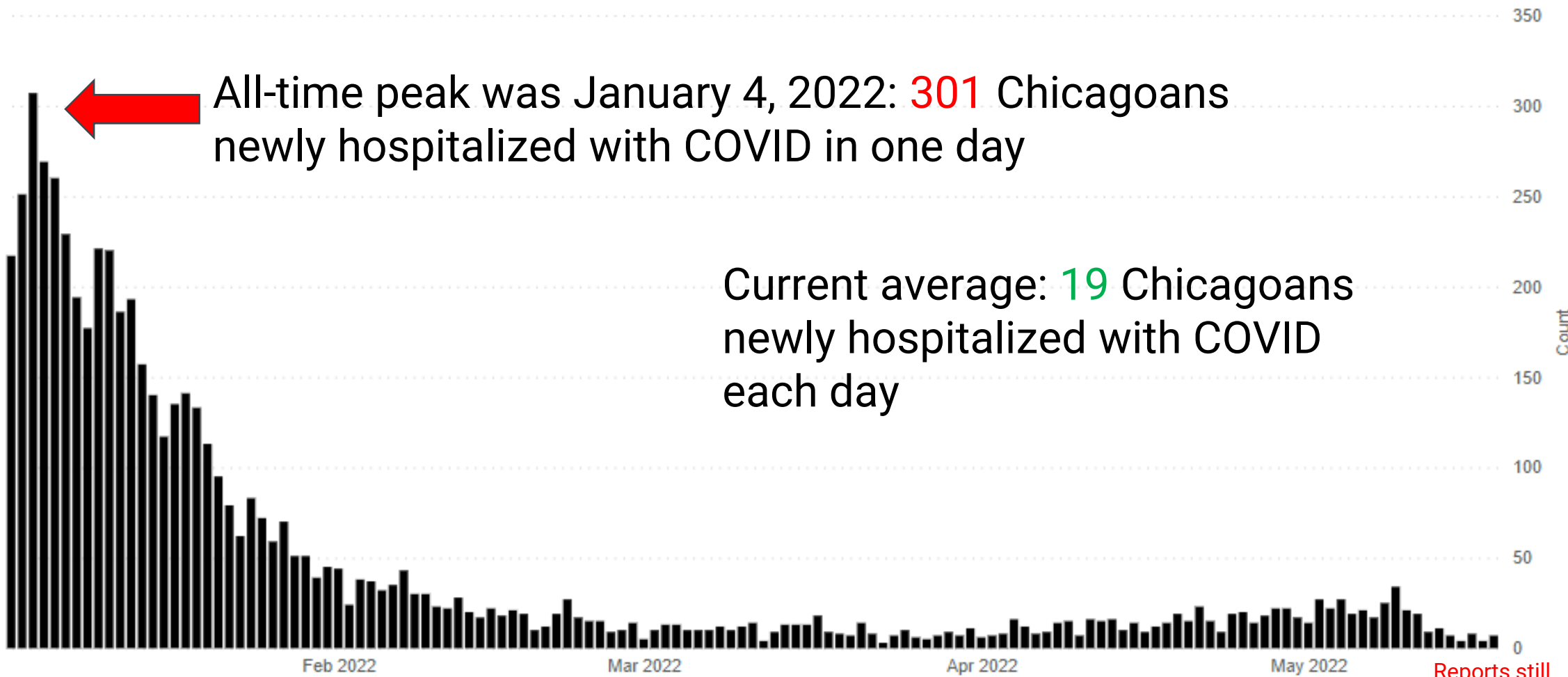
★ Chicago: Seeing potential signs of plateau/slight decrease, however daily average cases remain high

Many first-time and mild (even asymptomatic) COVID infections right now; relatively few hospitalizations or deaths.





Good news: Chicago COVID-19 **hospitalizations** have risen slightly since early April, but remain near historic lows for pandemic overall

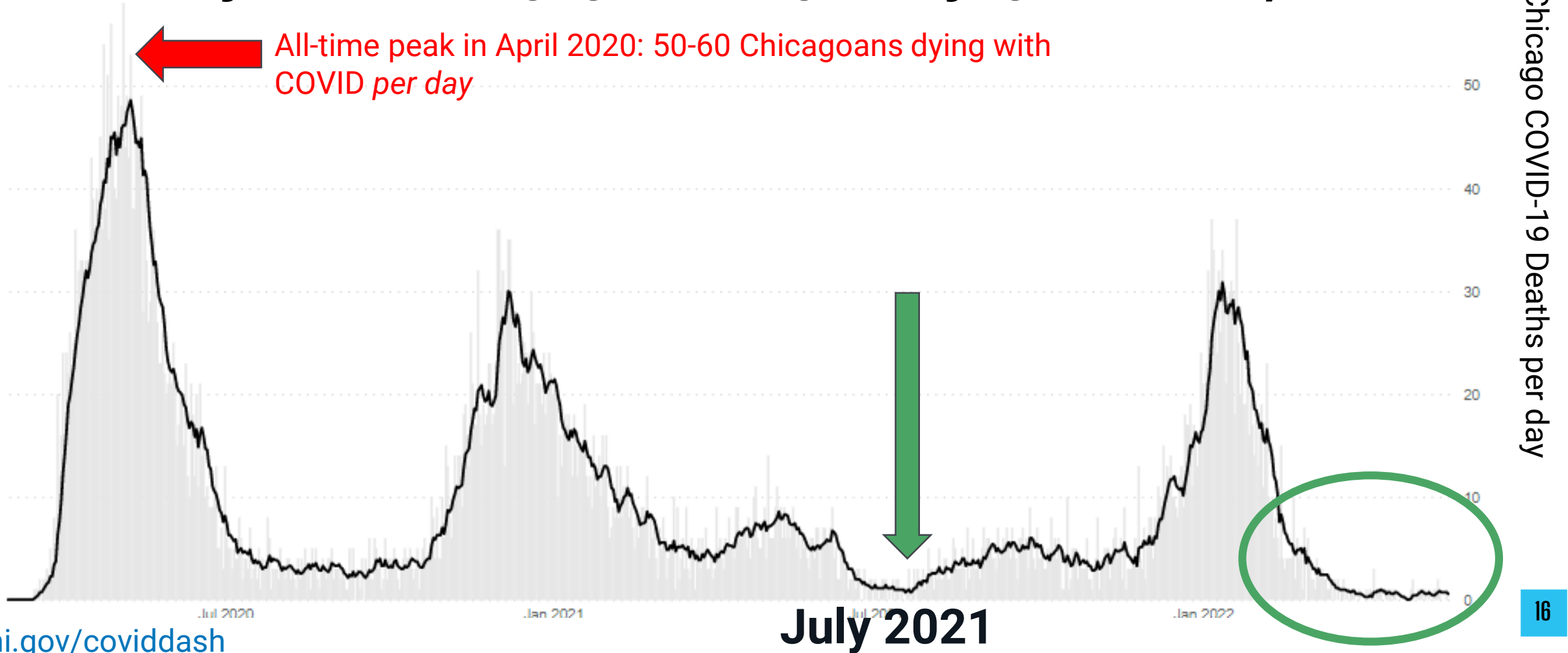


Reports still coming in

Great news: Consistently since March, Chicago has had the lowest number of COVID deaths since the beginning of the pandemic (≤ 1 per day).

Today, we are averaging 1-3 Chicagoans dying from COVID *per week*.

← All-time peak in April 2020: 50-60 Chicagoans dying with COVID per day



REMEMBER: IF YOU CATCH COVID-19

Regardless of vaccination status, stay home for 5 days. If your symptoms are resolving or gone by Day 5, you can leave your house but you must continue to mask while around others for Days 6-10.





WHEN SHOULD I GET MY **FIRST BOOSTER DOSE?**

Last week:
FDA and CDC
authorized
boosters for 5-
11y/o

- Anyone **5y+** should get boosted:
 - 5 months after your initial Pfizer (12+) or Moderna (18+) series
 - 2 months after your initial J&J (18+) vaccination

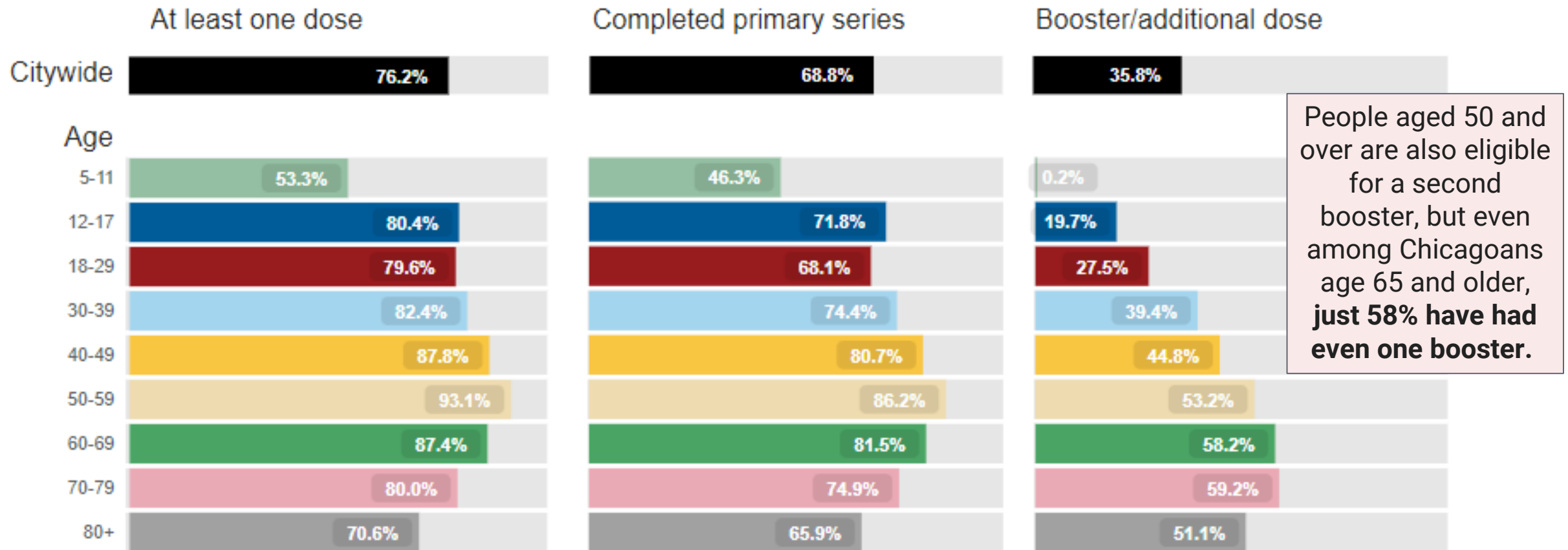
WHEN SHOULD I GET MY **SECOND BOOSTER DOSE?**

- The following groups **may choose to receive a second mRNA booster** 4 months after their first booster dose:
 - Individuals 12+ who are moderately or severely immunocompromised
 - Any adult 50+
 - People 18-49 who are not moderately or severely immunocompromised who received the Janssen vaccine for both primary and booster doses





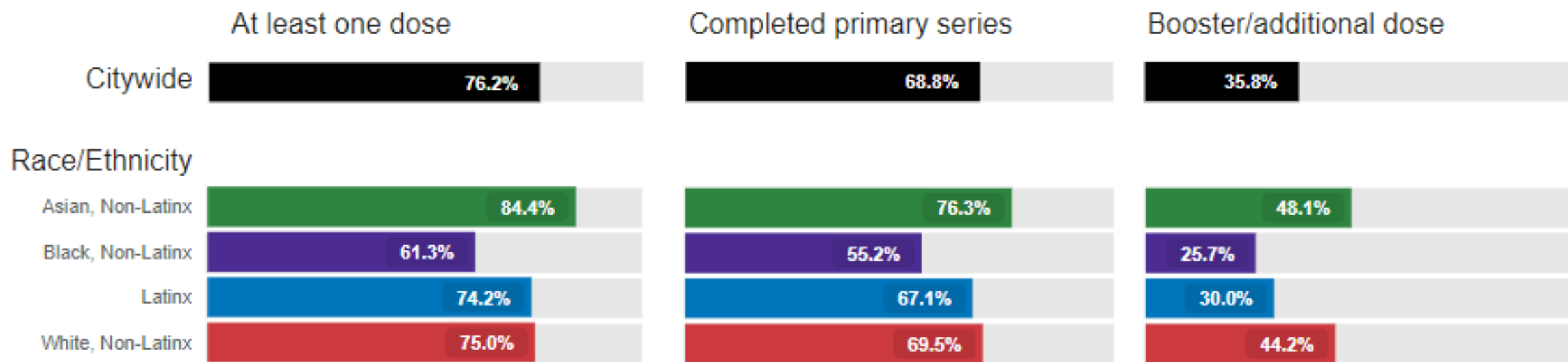
While 76% of Chicagoans age 12 and up have completed their primary COVID-19 vaccine series, just 42% have also had the recommended vaccine booster—despite recommendations that everyone age 12 and over receive a booster five months after completing the primary vaccine series



Data current as of May 22, 2022

<https://www.chicago.gov/city/en/sites/covid19-vaccine/home/covid-19-vaccine-coverage.html>

★ Chicago Vaccination by Race/Ethnicity

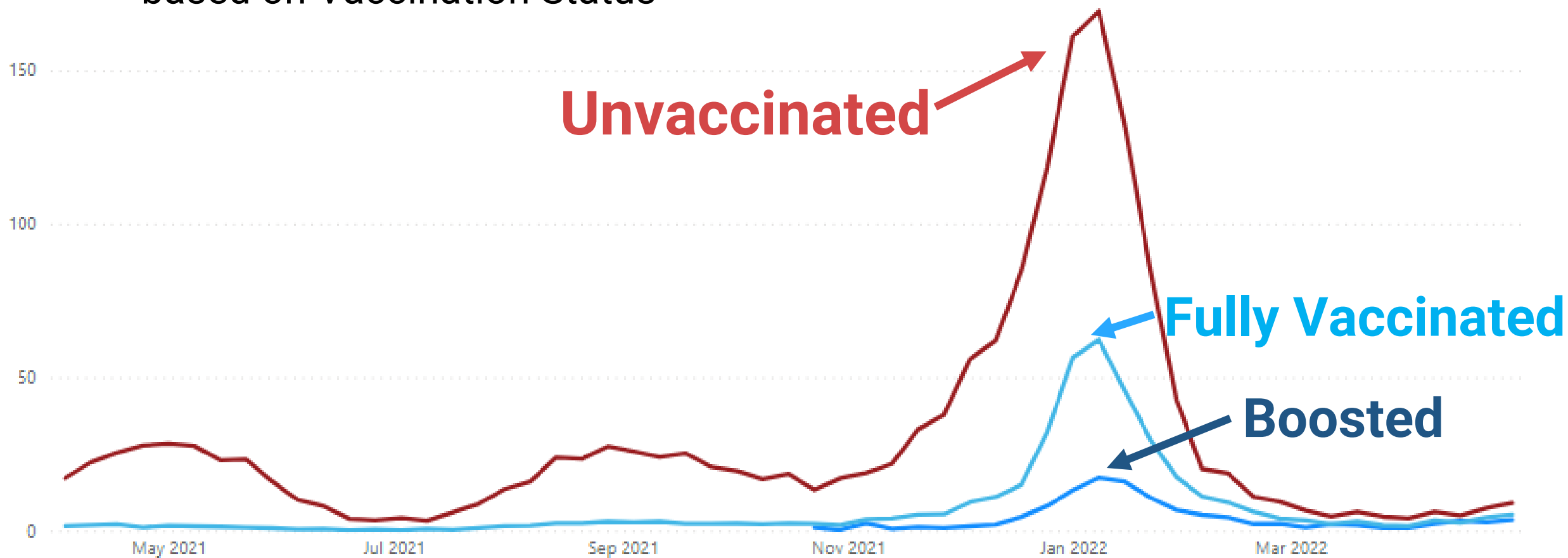


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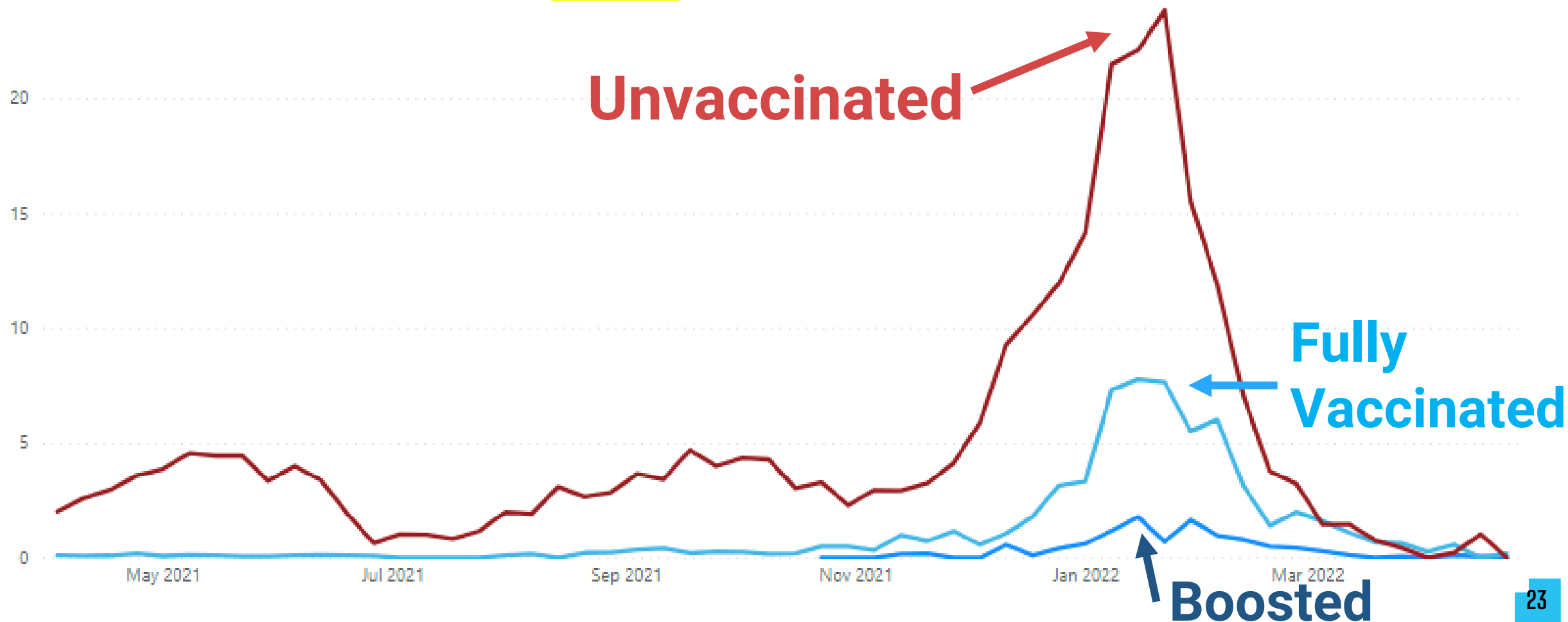
Chicago Vaccine Effectiveness: Boosters provide significant protection against severe illness, hospitalization and death

Weekly Rate of COVID-19 Hospitalizations per 100,000 based on Vaccination Status



Chicago Vaccine Effectiveness: **Boosters** provide significant protection against severe illness, hospitalization and death

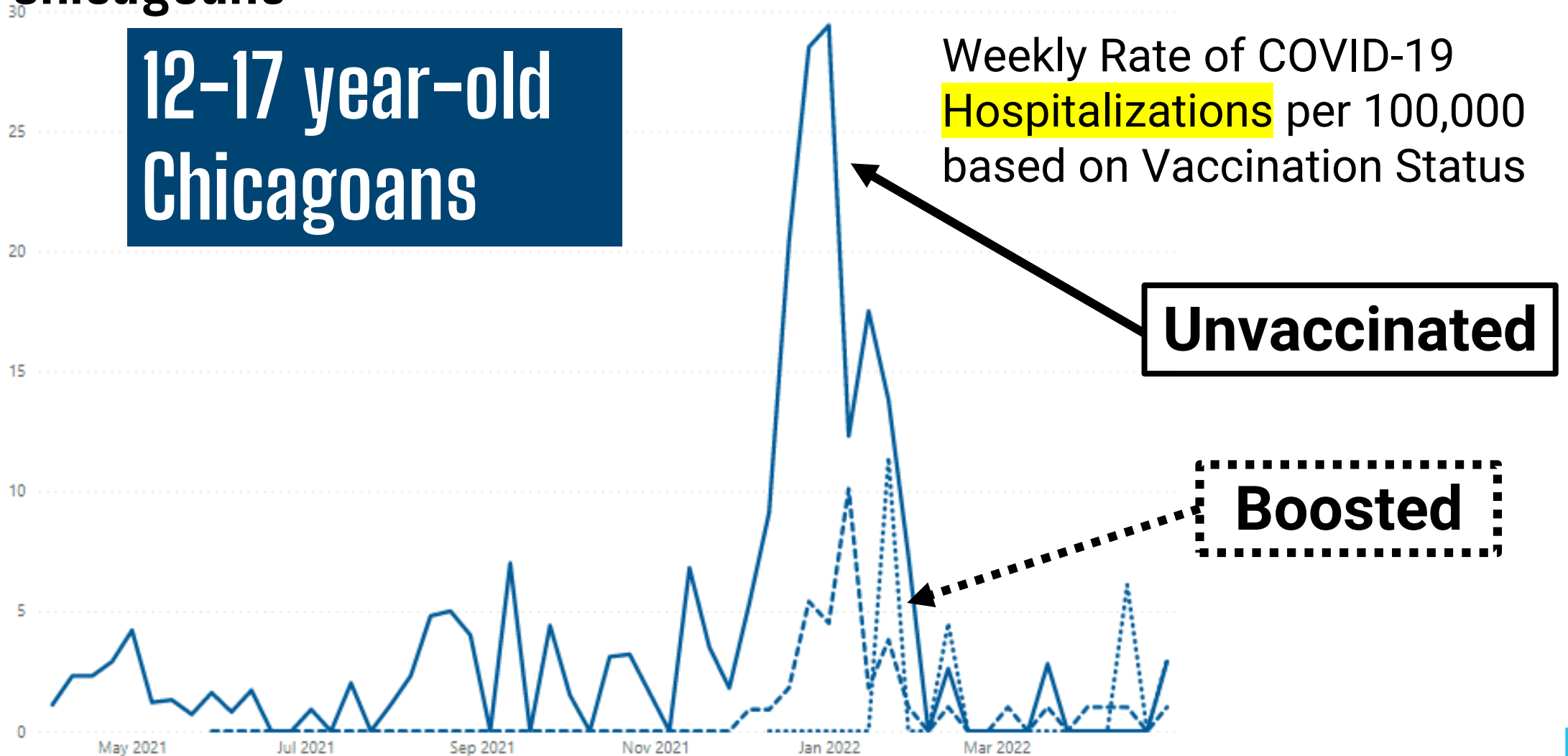
Weekly Rate of COVID-19 **Deaths** per 100,000 based on Vaccination Status



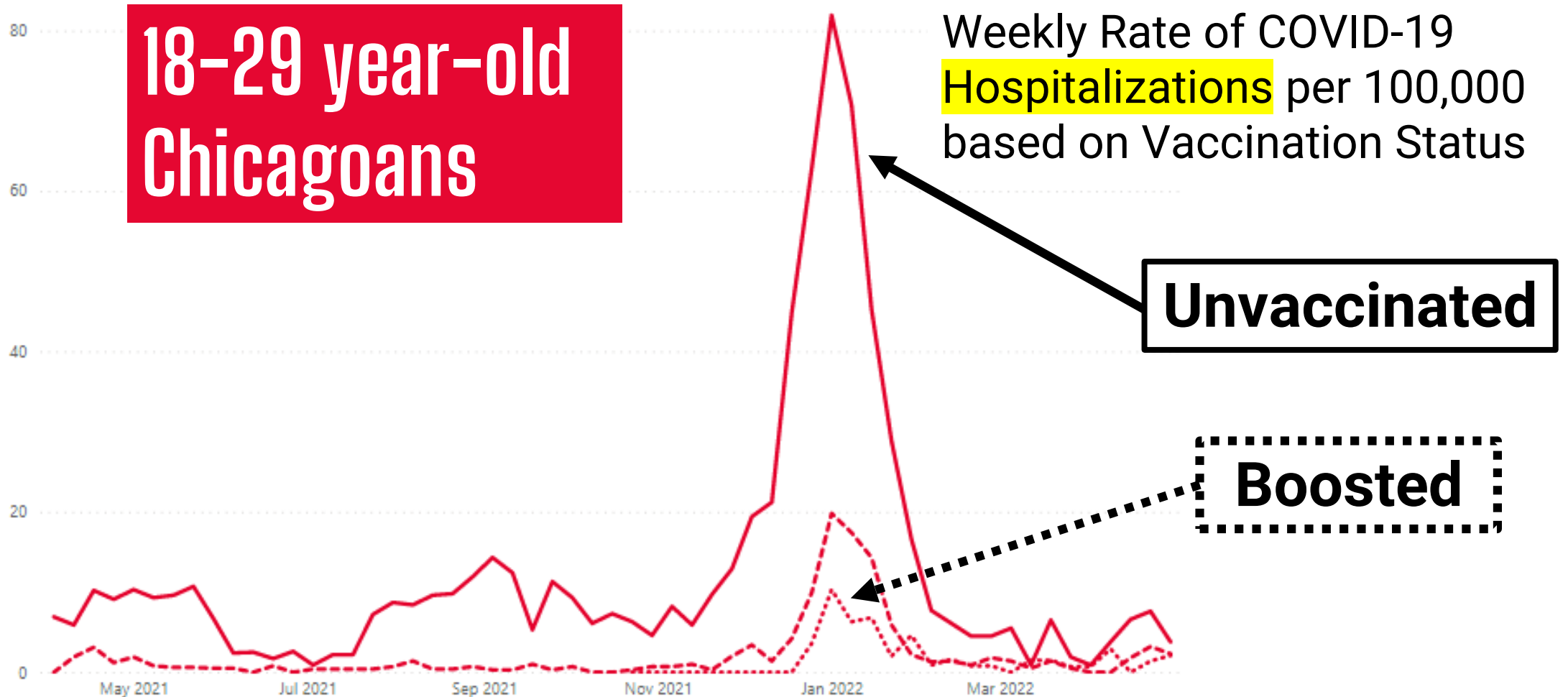
Vaccines and boosters provide significant protection against severe illness and hospitalization – including for younger Chicagoans



**12–17 year-old
Chicagoans**

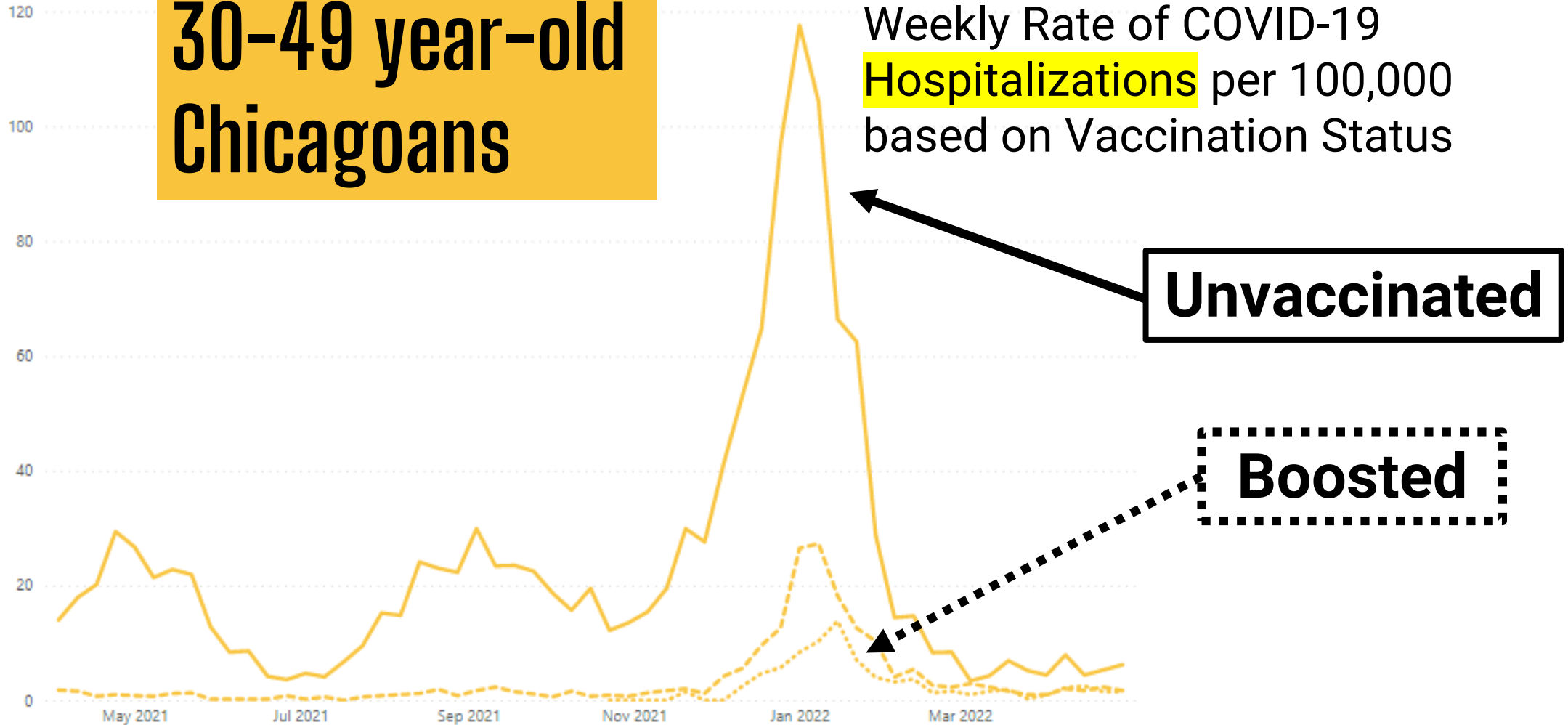


Vaccines and boosters provide significant protection against severe illness and hospitalization – including for younger Chicagoans



Vaccines and boosters provide significant protection against severe illness and hospitalization – including for younger Chicagoans

30-49 year-old Chicagoans



Boosters are important for ALL age groups, but are especially critical for older Chicagoans

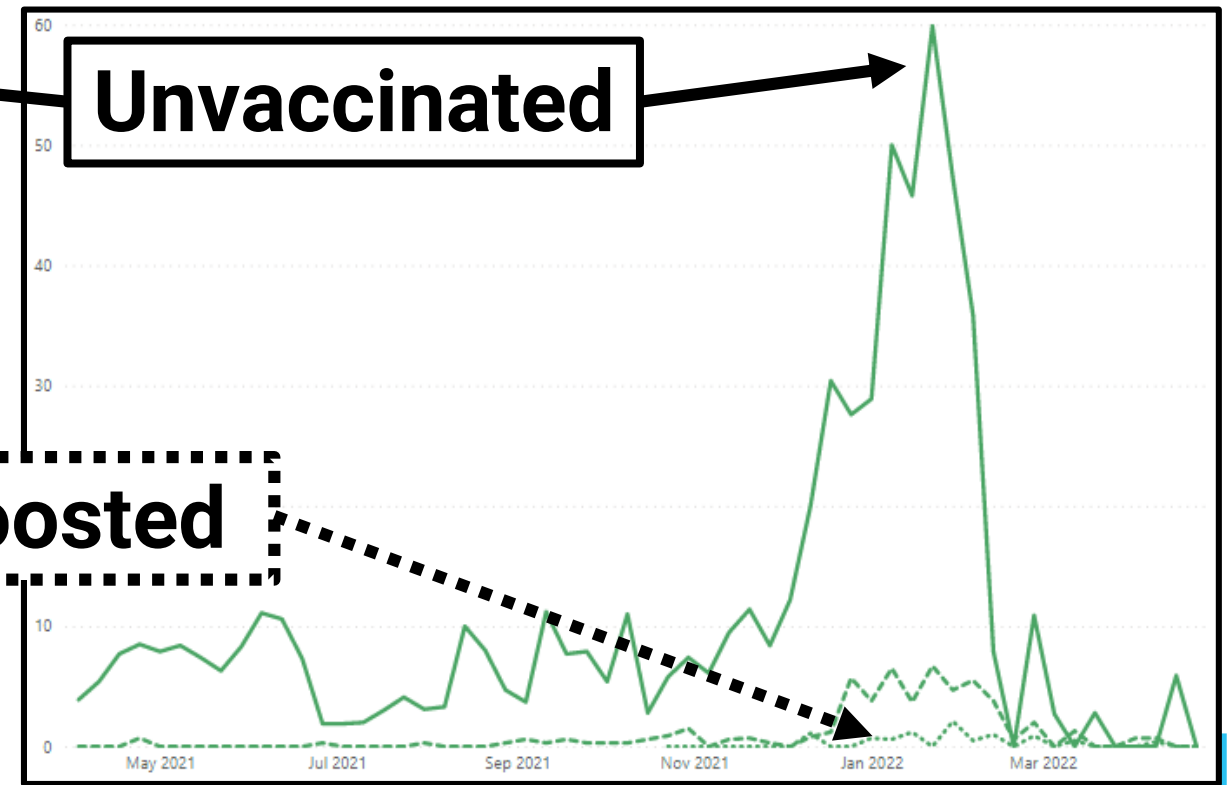
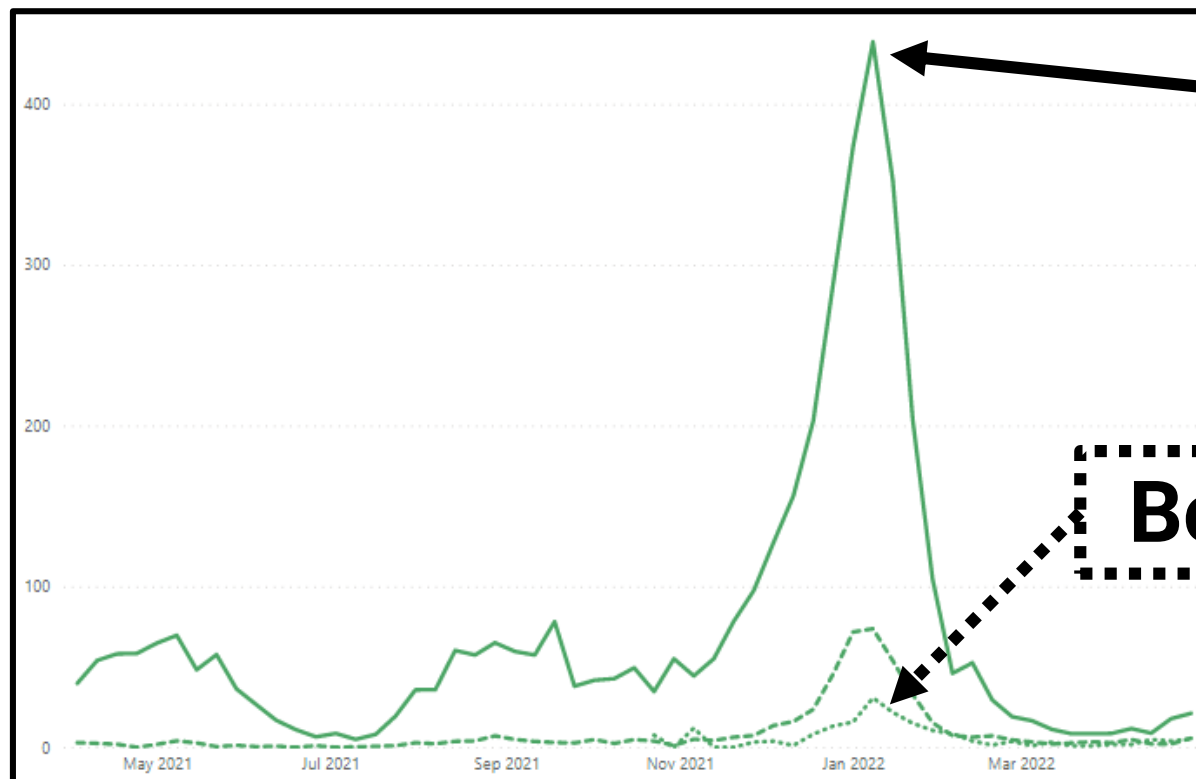


50-64 year-old Chicagoans

Weekly Rates per 100,000 based on Vaccination Status

COVID-19 Hospitalizations

COVID-19 Deaths



Boosters are important for ALL age groups, but are especially critical for older Chicagoans

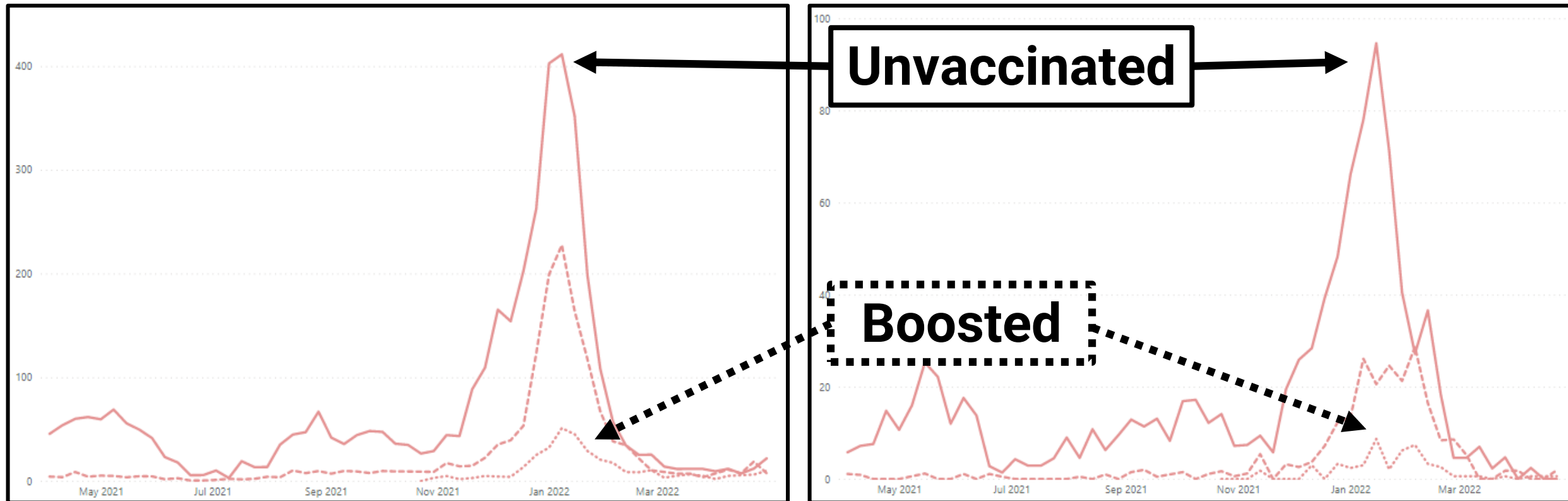


65–79 year-old Chicagoans

Weekly Rates per 100,000 based on Vaccination Status

COVID-19 Hospitalizations

COVID-19 Deaths



Boosters are important for ALL age groups, but are especially critical for older Chicagoans

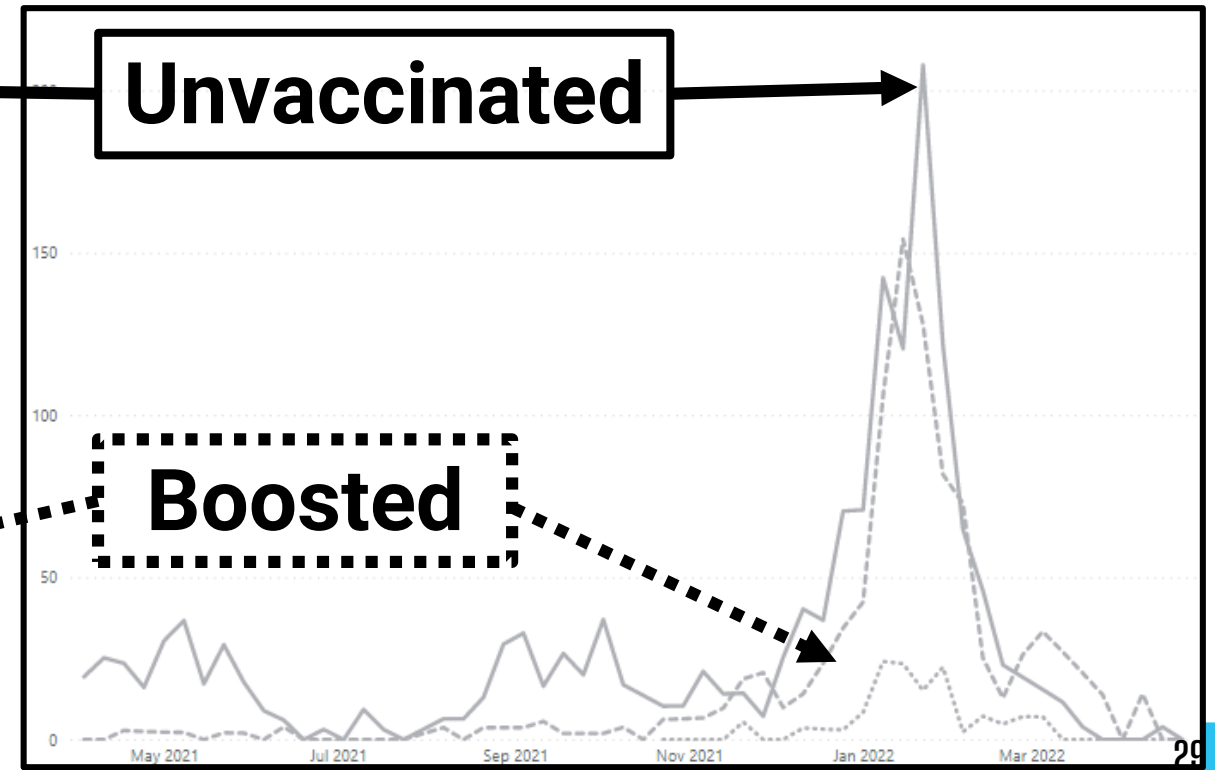
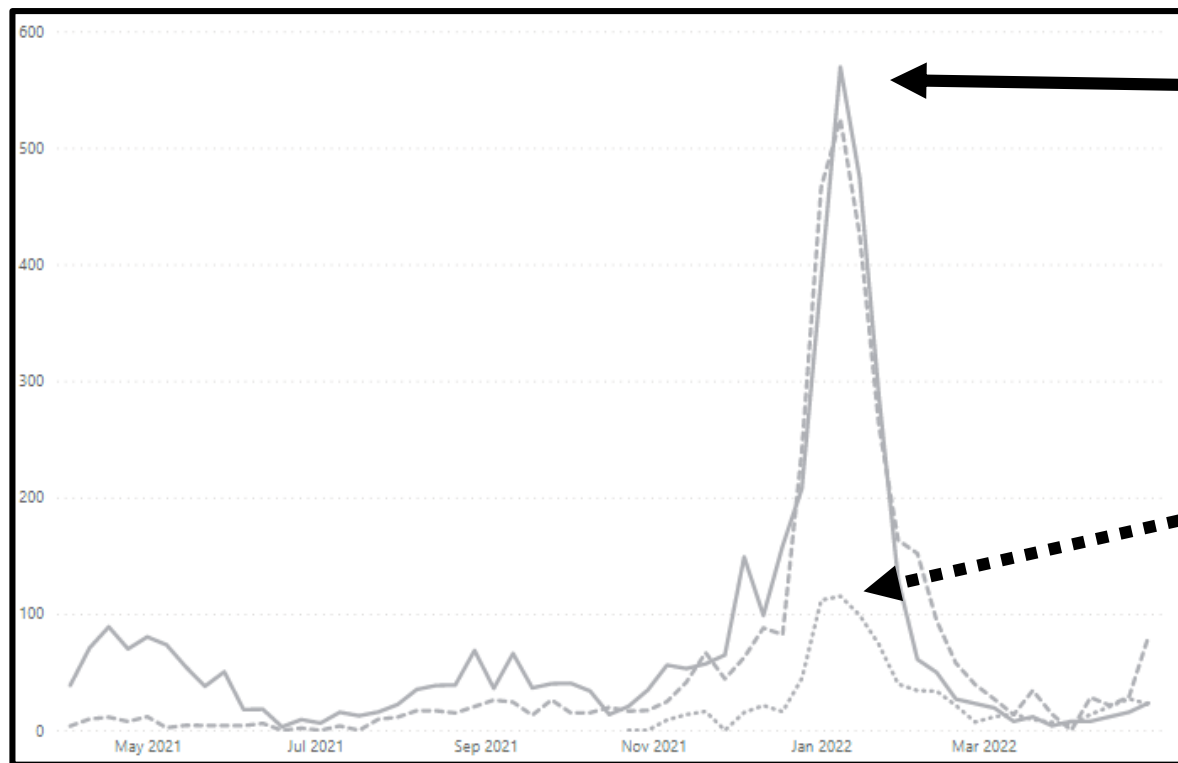


80+ year-old Chicagoans

Weekly Rates per 100,000 based on Vaccination Status

COVID-19 Hospitalizations

COVID-19 Deaths



★ What is monkeypox?

- Rare but potentially serious viral illness that spreads through contact with body fluids, sores, or shared items such as bedding that have been contaminated with these fluids
- CDPH is closely monitoring the outbreak – No cases have been reported in Chicago or Illinois at this point
 - 92 cases confirmed, mostly in Europe. Another 28 cases suspected.
 - 5 Confirmed cases in the US. -- 2 in NYC, 1 in Mass., 1 in Florida, 1 in Utah
- People with symptoms of monkeypox, particularly men who have sex with other men, should be aware of any unusual rashes or sores and **contact a healthcare provider** if any such symptoms are detected.



Need a vaccine or a booster? Have questions?

visit **CHI.GOV/COVIDVAX**

or call **312-746-4835**



PROTECT
CHICAGO ★