

Ask Dr. Arwady

June 7, 2022

IN THE NEWS



chi.gov/csccl



WALK 1.5 MILES WITH US

THE DISTANCE A BULLET CAN TRAVEL

A bullet can travel up to 1.5 miles: join us on one of three 1.5 -mile walkways across the South, West, and North sides of the city. As you walk, listen along to a 37-minute audio companion telling the stories of those most affected in the wake of gun violence.

IN THE NEWS



[Chicago.gov/RippleEffect](https://chicago.gov/RippleEffect)

GUN VIOLENCE AWARENESS MONTH
REALIZE THE RIPPLE EFFECT

IN THE NEWS



HOME & BUSINESS PROTECTION PROGRAM



If you reside, operate a business, or own/lease a vehicle in the city of Chicago, you can get reimbursed:

- Up to \$225 per camera for a maximum of 2 cameras
- Up to \$150 per one year of subscription costs for cloud-based video storage systems
- Up to \$100 per light for a maximum of 2 lights
- Up to \$50 per vehicle GPS tracking device for a maximum of 2 devices
- Up to \$120 per one year of subscription costs for GPS tracking applications



**For more information
and to apply for a rebate,**

VISIT [CHI.GOV/HBPP](https://chi.gov/HBPP)

To get reimbursed, you must provide:

- Proof of address
- Proof of purchase
- Photo of installed device

Only security devices purchased on or after June 6, 2022 are eligible for reimbursement.

*Registration with CPD is encouraged, but **NOT** required for reimbursement.*

The City of Chicago is working with community partners and will distribute security devices at no cost in select communities. Find schedule of distribution events at chi.gov/HBPP

DEVICES AVAILABLE FOR REBATE



Outdoor security cameras



Outdoor motion sensor lighting



Vehicle GPS trackers

Subscription costs are also eligible for reimbursement



HOME & BUSINESS PROTECTION PROGRAM



IN THE NEWS

Feature Video on
Chicago's CARE Team
on "Inside Chicago"





WHAT YOU SHOULD KNOW ABOUT MONKEYPOX:

- **Monkeypox is spread through close contact**, such as touching someone's rash and sores, sharing bedding or towels, or respiratory droplets (kissing, coughing, sneezing).
- **Common symptoms:** Rash or unusual sores on face, body, and genitals, fever, chills, head or muscle aches, or swelling of lymph nodes.
- **Avoid close contact** (touching sores, kissing, sex) with anyone who has a rash or symptoms of monkeypox.

If you or a close contact (from last 21 days) have been exposed or have symptoms you should see a healthcare provider (remind them monkeypox is circulating), cover rash/sores, wear a mask, and avoid close contact with others. If you don't feel well or have an unusual rash or sores, take a break from sex and going out to bars, gyms, clubs, and other events.



Images from: <https://www.cdc.gov/poxvirus/monkeypox/clinicians/clinical-recognition.html>



IN THE NEWS

If cleared, COVID shots for children under 5 could be available as soon as June 21, and Chicago will be ready

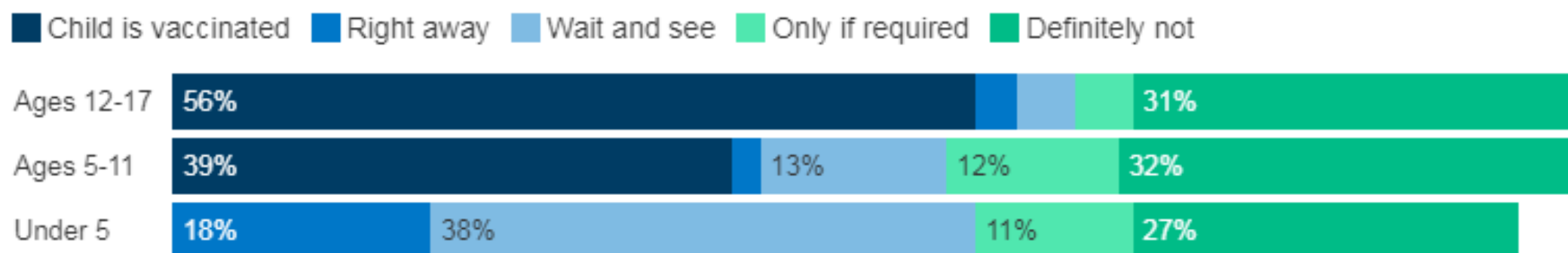
- Outside panel of experts advising the FDA meets to discuss it on June 15
- If the FDA grants emergency authorization to one or both vaccines (Moderna and/or Pfizer), a CDC expert panel will convene soon after to make recommendations about how they should be used
- *If approved quickly*, doses could ship as soon as the three-day weekend including Juneteenth and *could* be available as soon as Tuesday, June 21
- Chicago is surveying pediatric providers right now to enroll settings that want to receive vaccine for their patients. These are SEPARATE formulations/even smaller doses for the youngest children so new vaccine needs to be shipped.
- We have already done extensive training for providers, but we are also funding the Illinois Chapter of the American Academy of Pediatrics to host provider webinars on June 9th & 15th to prep Chicago providers for roll-out. We expect most of these youngest children to be vaccinated through their pediatrician.
- We have approximately 169,000 children under the age of 5 in Chicago.
 - Based on our population, we expect that Chicago would receive approximately 15,500 doses of Pfizer and/or 15,500 doses of Moderna in the first week alone, and additional doses each week after that depending on initial uptake.



Figure 1

One In Five Parents Of Children Under 5 Want To Vaccinate Their Child For COVID-19 Right Away When Authorized, But Four In Ten Want To Wait And See

Thinking about your child between the ages of...have they received at least one dose of a COVID-19 vaccine, or not? If not, do you think you will get them vaccinated...?



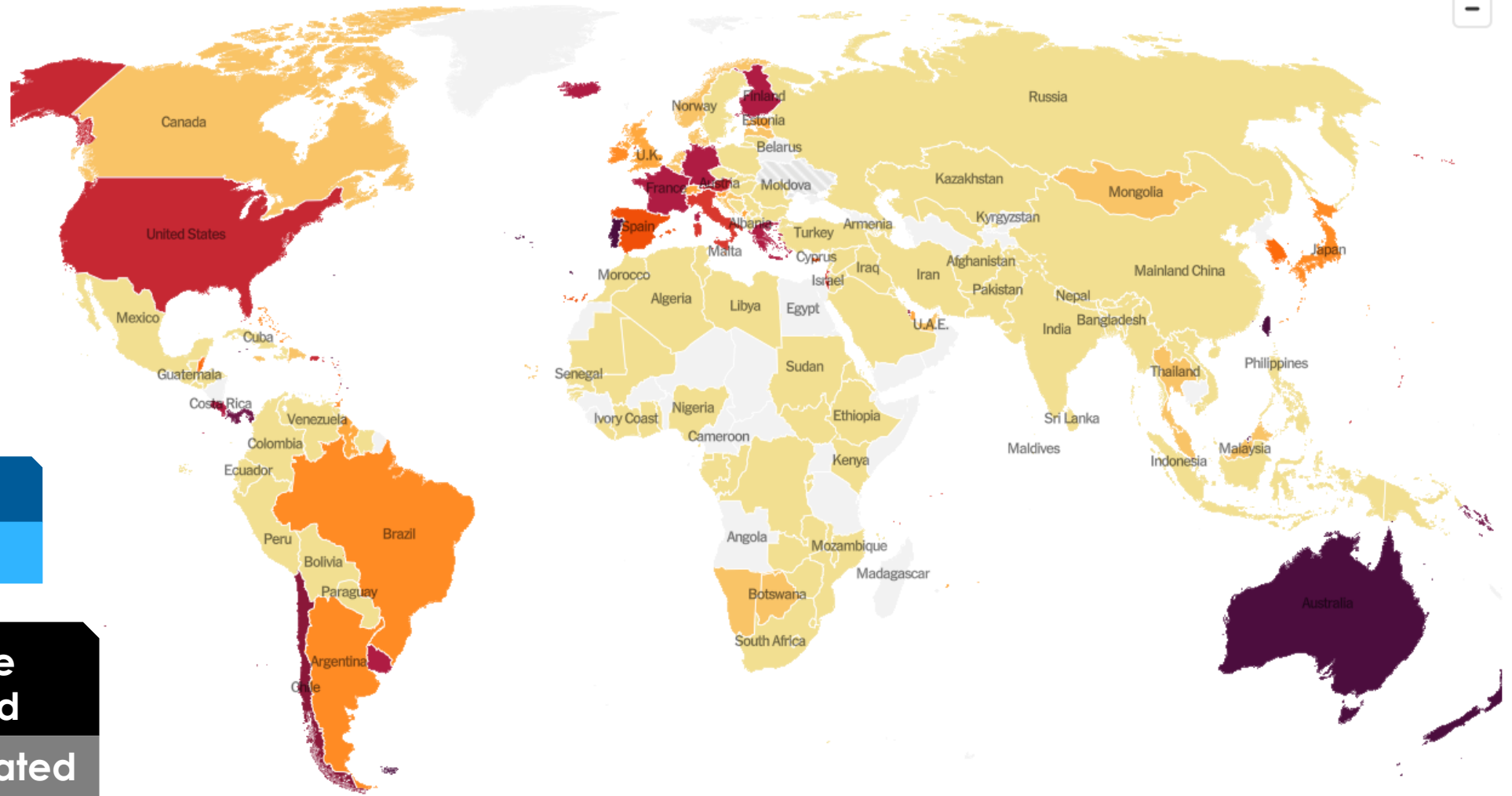
NOTE: Asked of parents or guardians of children under 18. For parents of children under 5, question was worded "Thinking about your child under the age of 5, once there is a COVID-19 vaccine authorized and available for your child's age group, do you think you will...?" See topline for full question wording.

SOURCE: KFF COVID-19 Vaccine Monitor (April 13-26, 2022) • [PNG](#)

[KFF COVID-19
Vaccine Monitor](#)

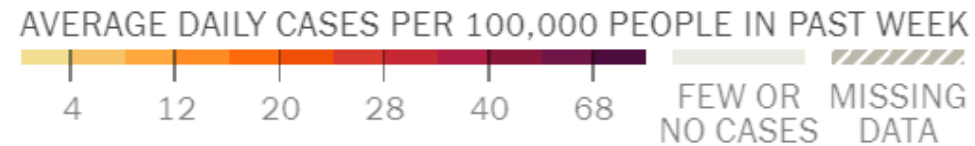
  **Switching to COVID...**

Average daily COVID-19 cases per 100,000 population

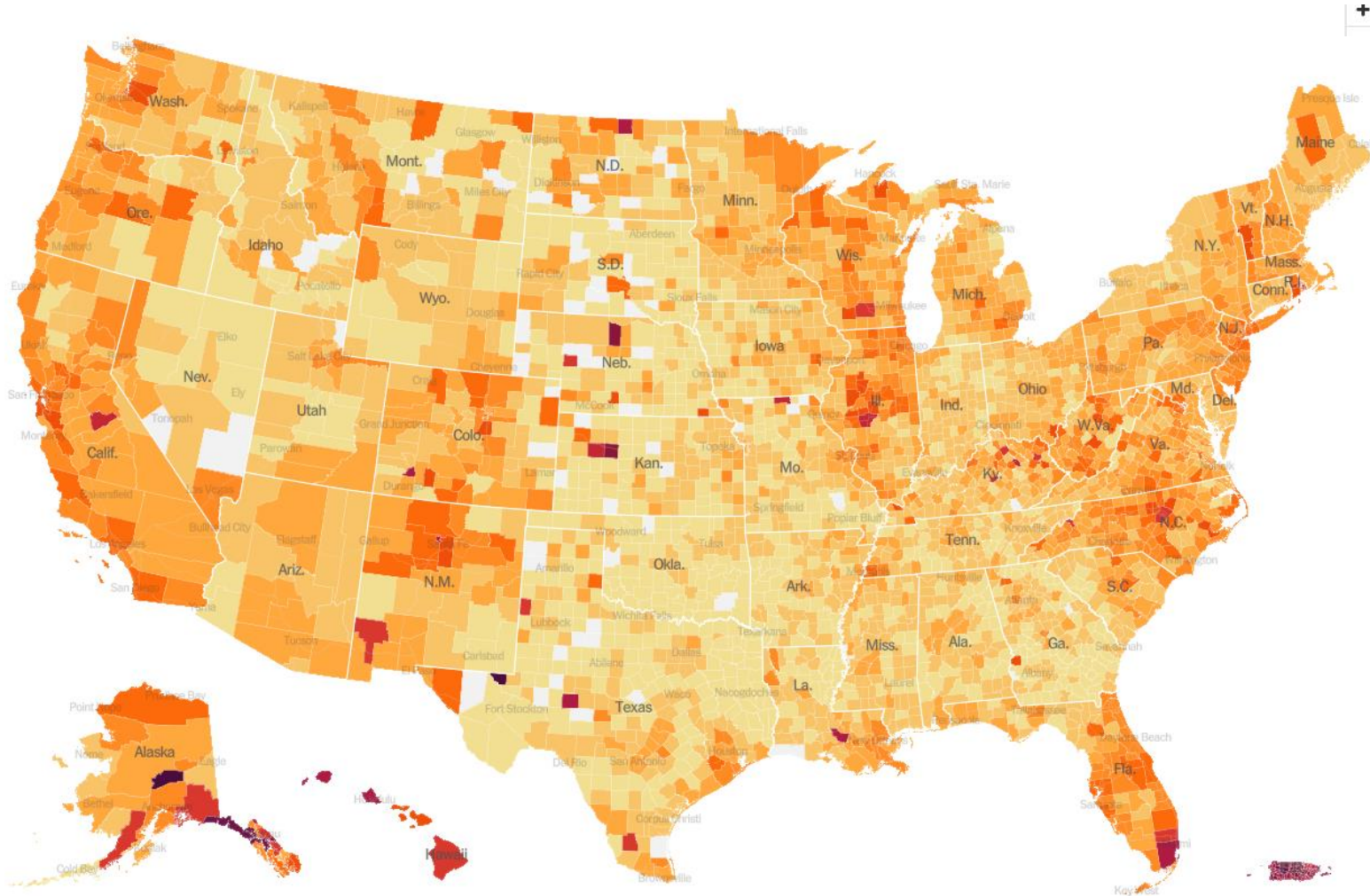


532 Million Cases
6.3 Million Deaths

**11.8 Billion Vaccine
Doses Administered**
5.18 Billion Vaccinated
(67.4% of population)

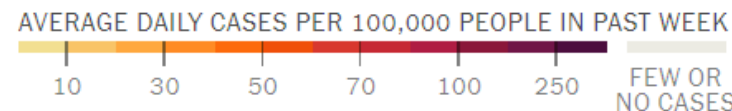


Average daily COVID-19 cases per 100,000 population



84.8 Million Cumulative Cases

1 Million Cumulative Deaths



Vaccinations

	At least one dose	Fully vaccinated
All ages	78%	67%
5 and up	83%	71%
65 and up	95%	91%

National currently:

30 diagnosed daily cases per 100,000 people

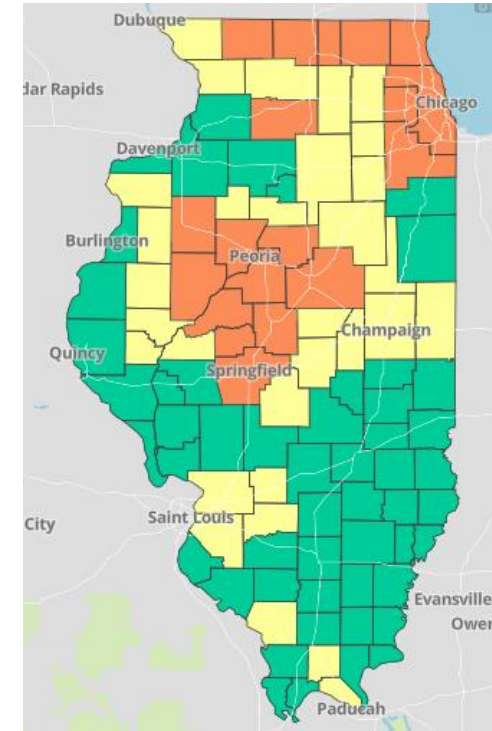
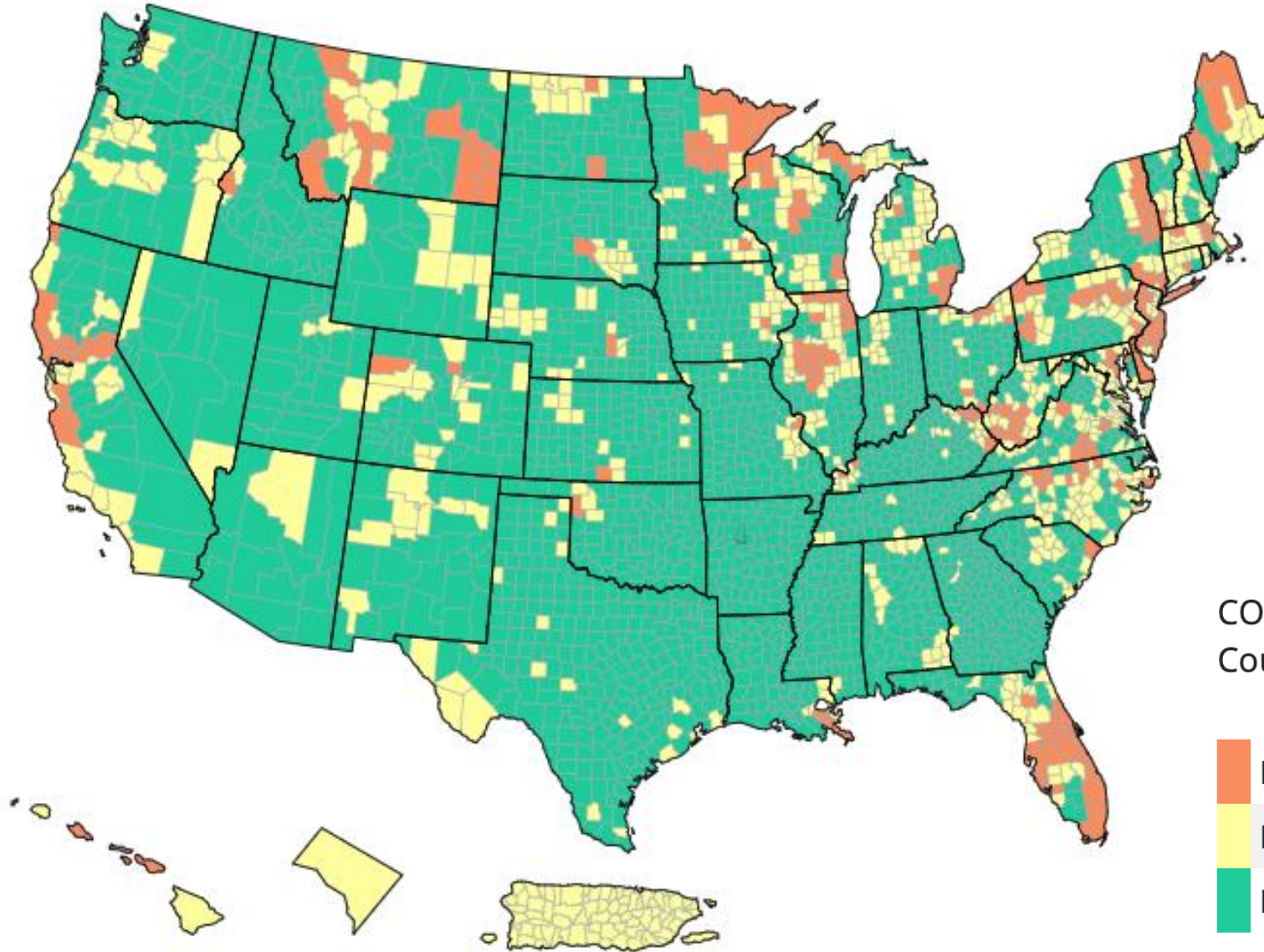
Illinois currently:

37 diagnosed daily cases per 100,000 people

Chicago currently:

34 diagnosed daily cases per 100,000 people

This week, 30% of U.S. Counties report High or Medium COVID Community Level



COVID-19 Community Levels in US by County

	Total	Percent	% Change
High	241	7.48%	- 0.28%
Medium	736	22.83%	2.1%
Low	2247	69.7%	- 1.82%

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



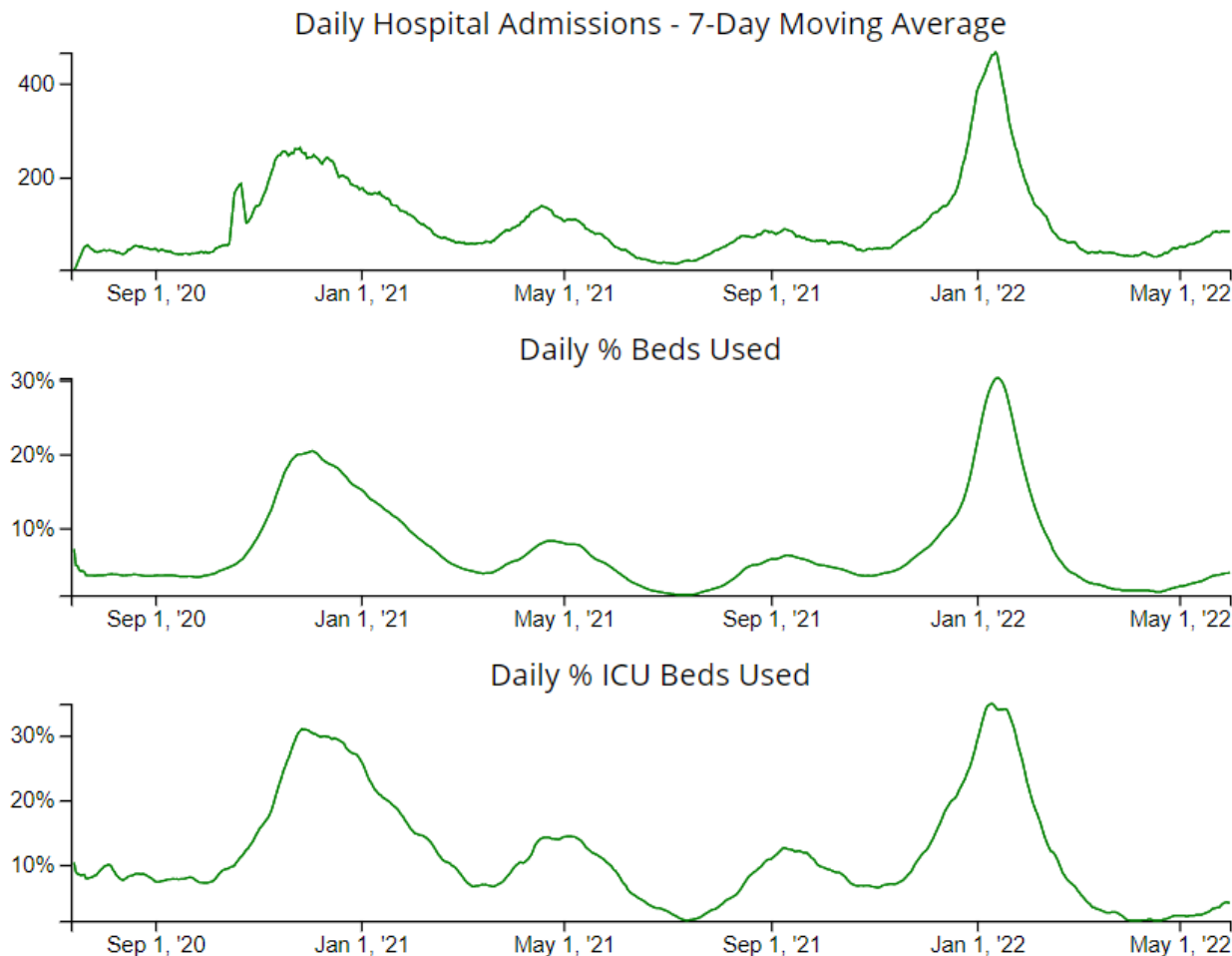
Metrics

	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	237	7.7	4.2%
Cook County (including City of Chicago)	270	11	3.8%

Chicago metrics are calculated based on Chicago-level data (data as of 6/7/2022).

Cook County metrics are calculated by the CDC and posted on the CDC Community Levels website (data as of 6/2/2022).

CDC Community Level for Cook County and associated Health Service Area (HSA) remains at **HIGH** this week; early signs of new hospital admissions leveling off



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

COVID-19 COMMUNITY LEVELS UPDATES

6/3/2022

According to the CDC's weekly COVID-19 Community Level advisory, over 30 percent (997) 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

We recommend wearing a mask in indoor public places.

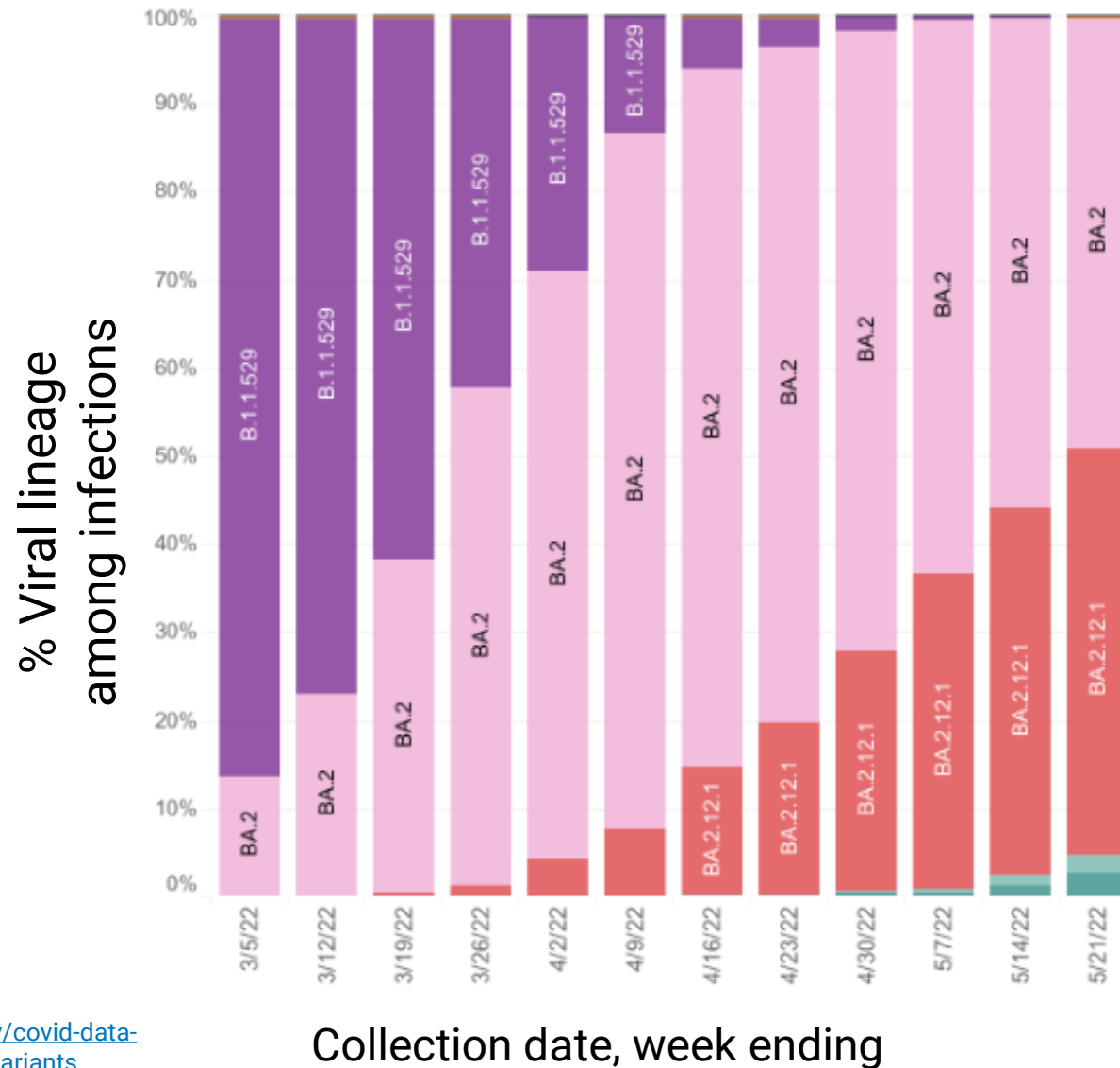
FOR HIGH RISK

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

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



It's ALL OMICRON

BA.2 (49%)

BA.2.12.1 (46%)

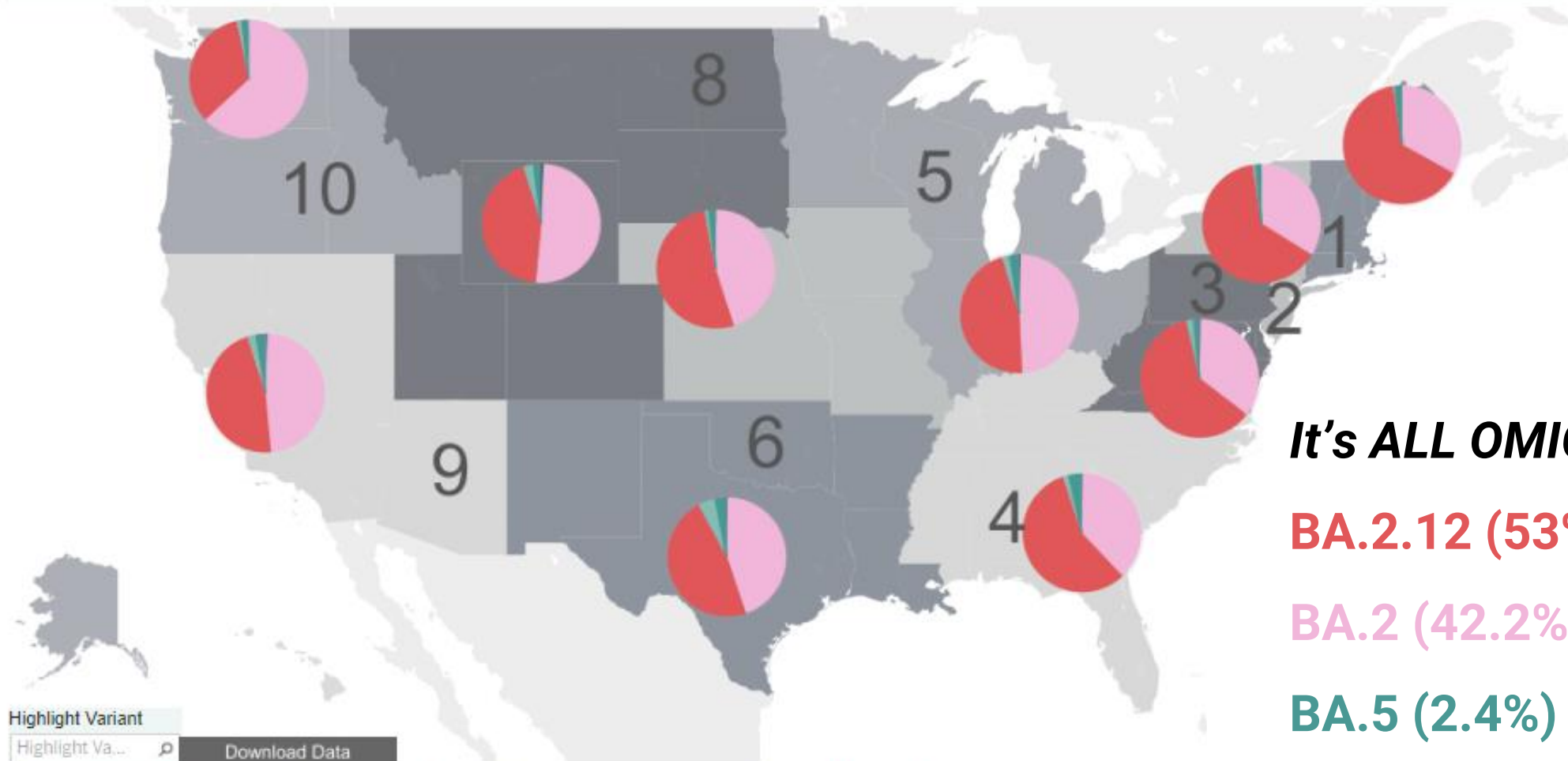
BA.5 (2.6%)

BA.4 (2.1%)



SARS-CoV-2 Variant Surveillance, United States

United States: 5/15/2022 – 5/21/2022



It's ALL OMICRON

BA.2.12 (53%)

BA.2 (42.2%)

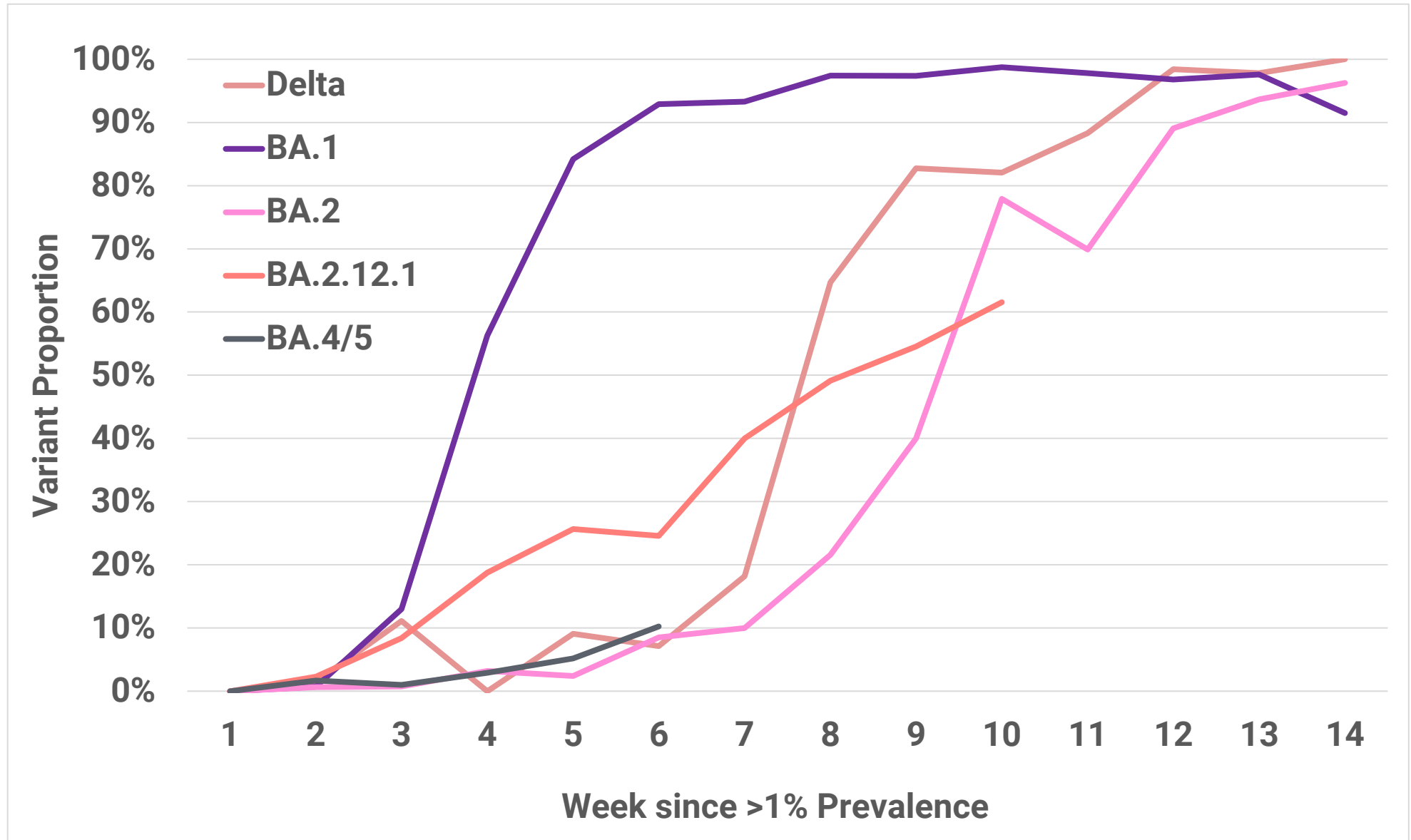
BA.5 (2.4%)

BA.4 (2.1%)

Lineages called using pangolin v4.0.6, pangolin-data v1.8, scorpio version 0.3.17 and constellations v0.1.9.
ated with B.1.1.529 at the regional level as they currently cannot be reliably called in eac



Variant Emergence in Chicago

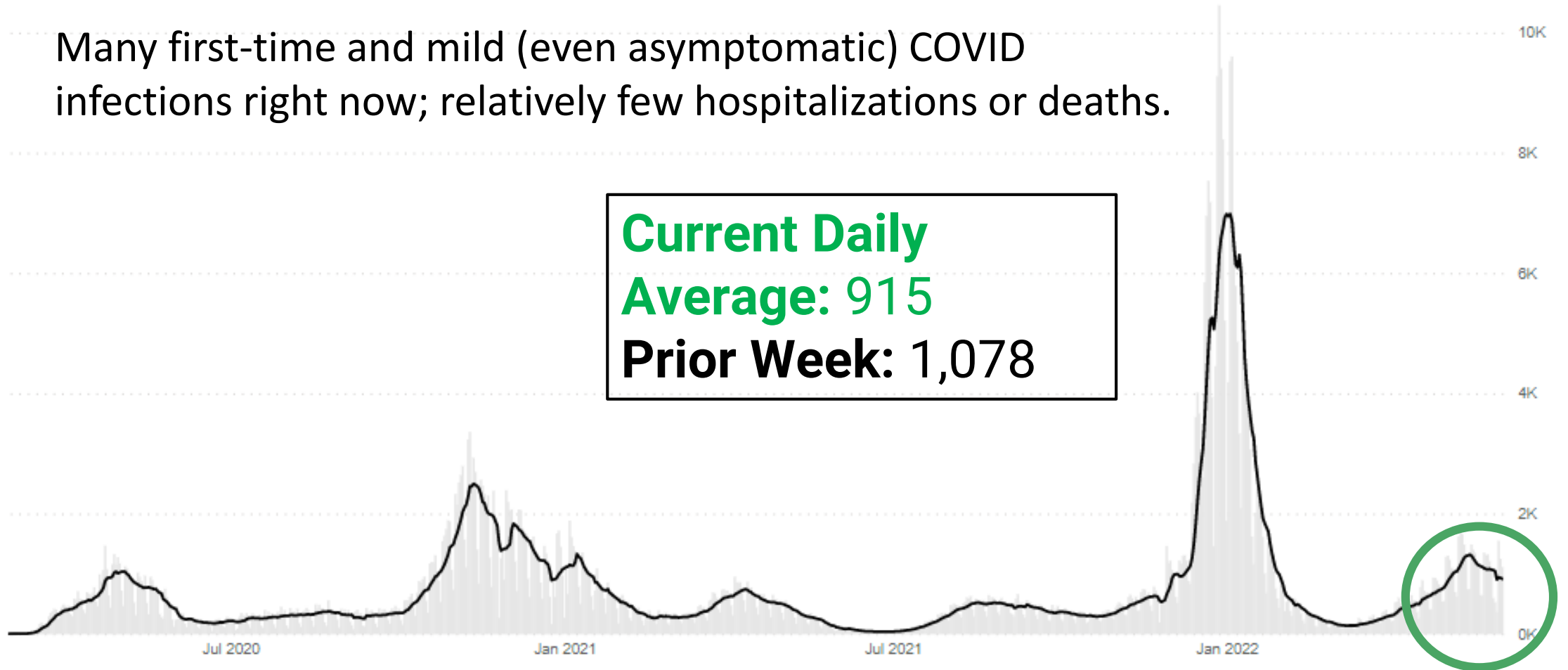




Chicago: Starting to see slight decrease in COVID-19 cases

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

**Current Daily
Average: 915
Prior Week: 1,078**



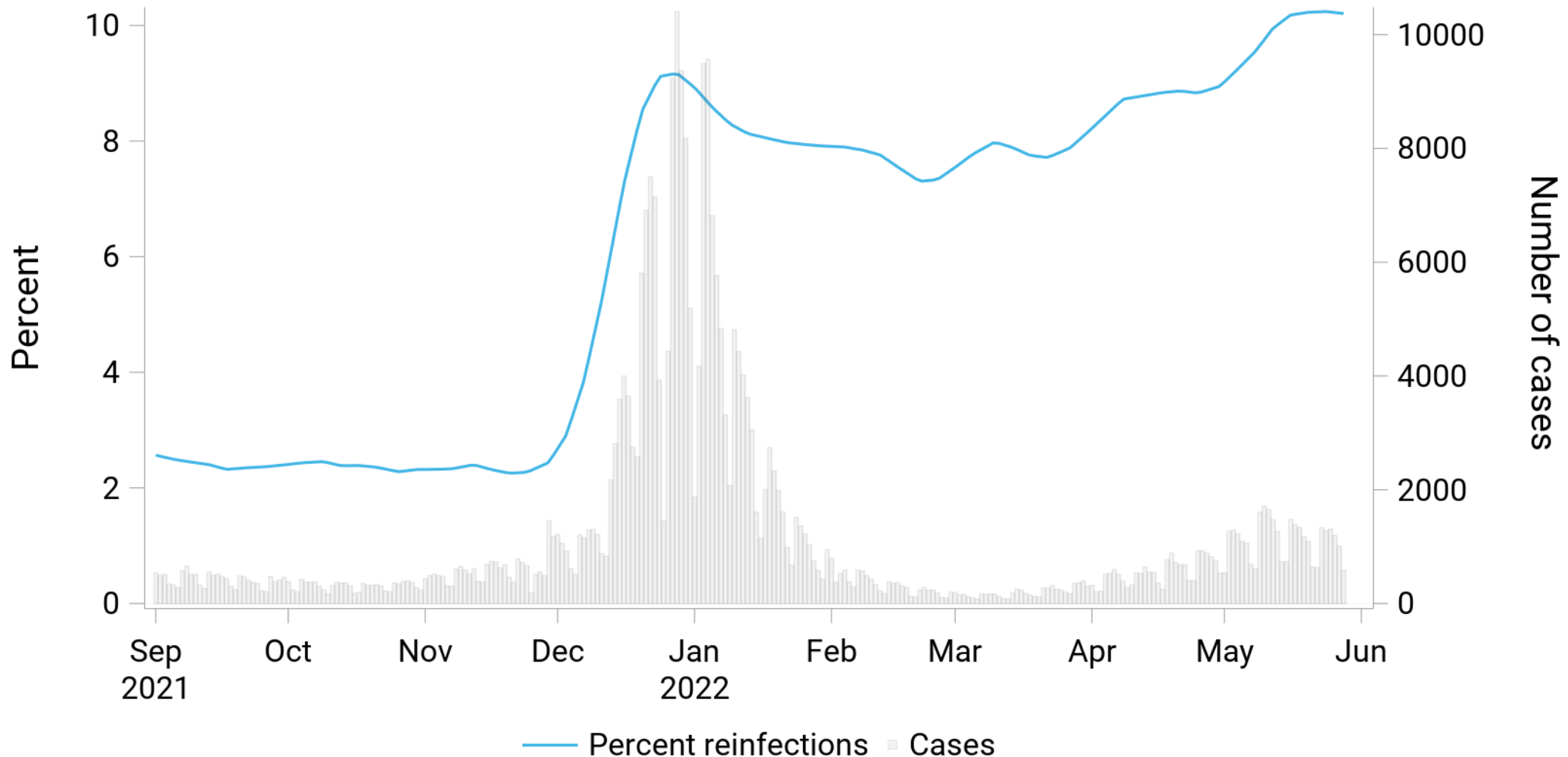


10.1% of last week's reported Chicago cases were reinfections (second or third COVID case)

Booster status affects susceptibility of reinfection

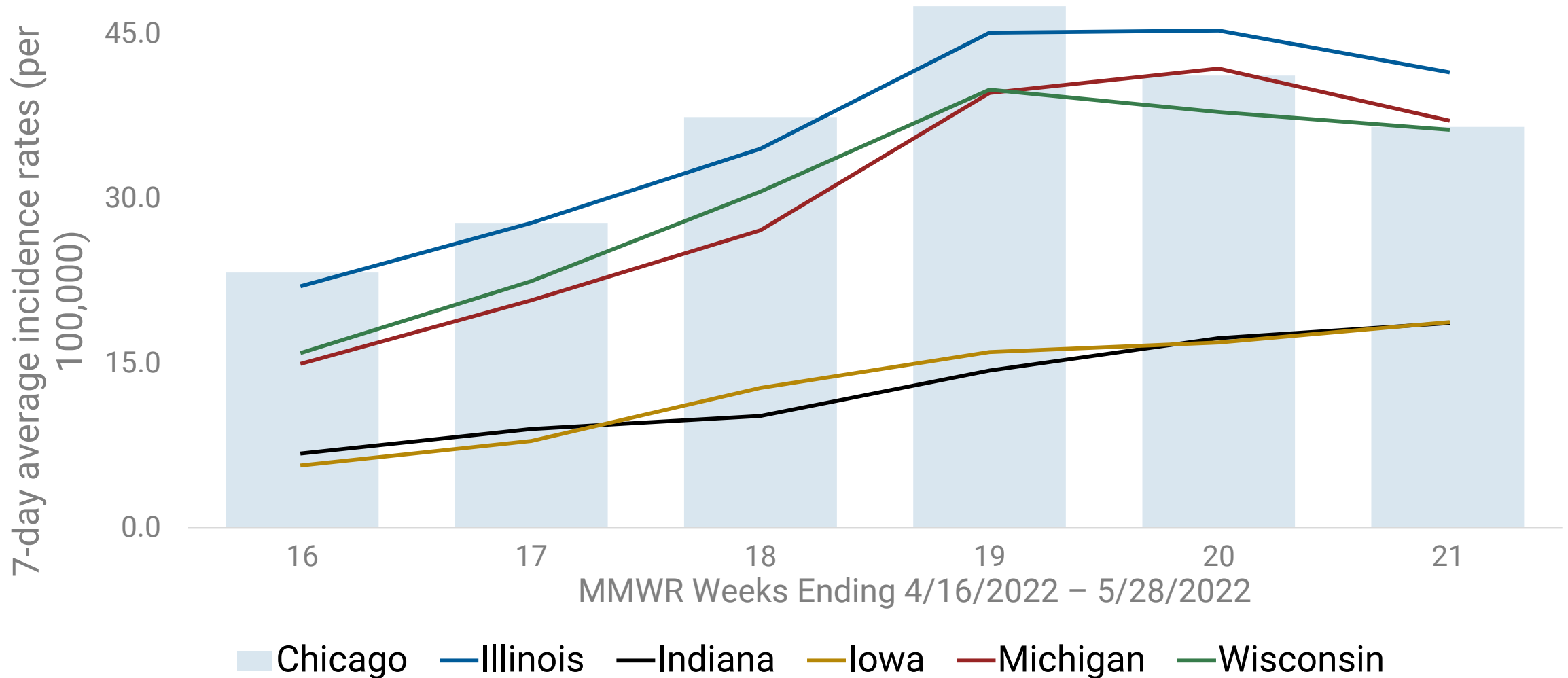
MMWR Week 2022-21 Cases 5/22/22 – 5/28/22			
Vaccination status	First case	Second case	Third case
Fully vaccinated and boosted	3,181 (90.6%)	324 (9.2%)	5 (0.1%)
Fully vaccinated, not eligible for booster	284 (85.3%)	49 (14.7%)	0 (0%)
Fully vaccinated, not boosted and eligible for booster	1,404 (87.5%)	189 (11.8%)	11 (0.7%)
Not fully vaccinated	2,309 (91.0%)	219 (8.6%)	9 (0.4%)
Total	7,178 (89.9%)	781 (9.8%)	25 (0.3%)

Omicron better evades infection-related immunity and increases the percent of reported cases that are reinfections (Chicago data)



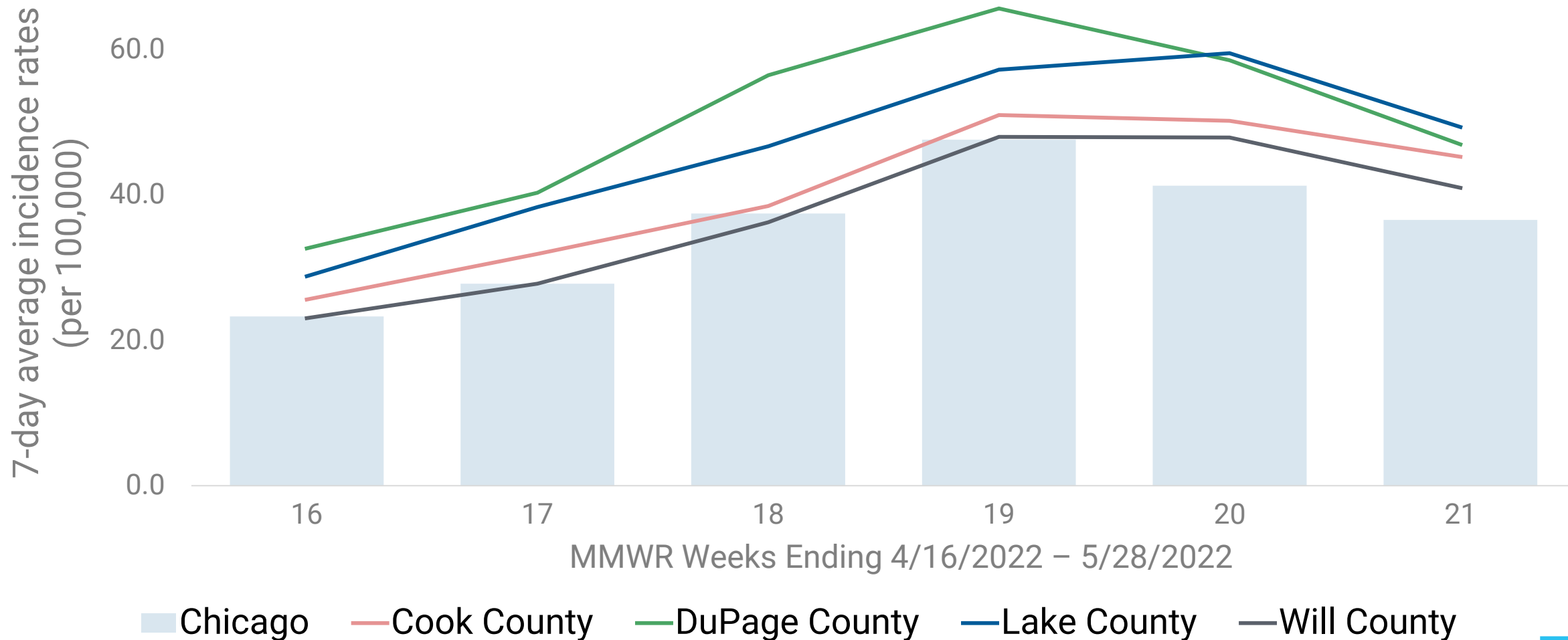
Regionally: Illinois, Wisconsin, and Michigan have all seen a slight decrease in reported cases since week 19 or 20 of 2022, like Chicago

Reported cases continue to rise in Indiana and Iowa (less community testing; more testing in ED/hospital)



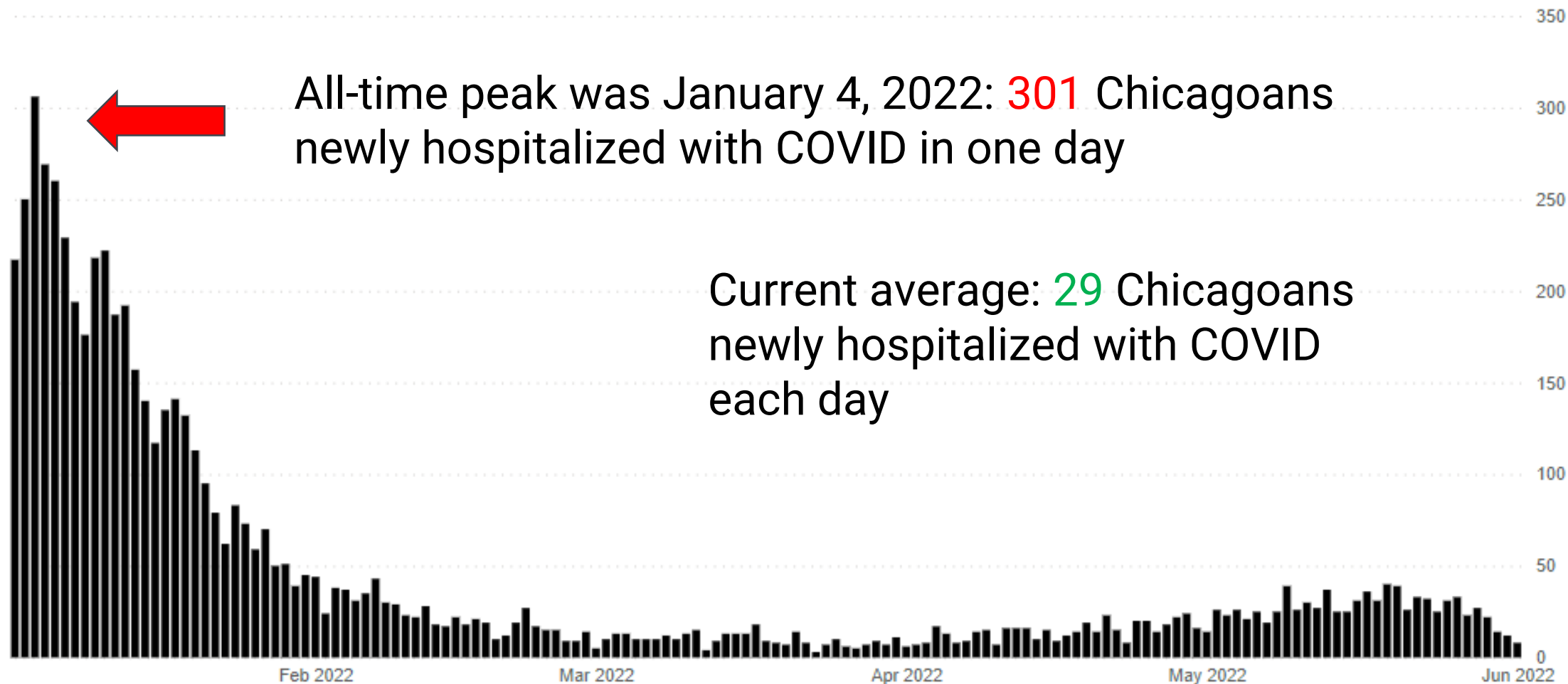


Nearby counties also peaked in Week 19 or 20 of 2022



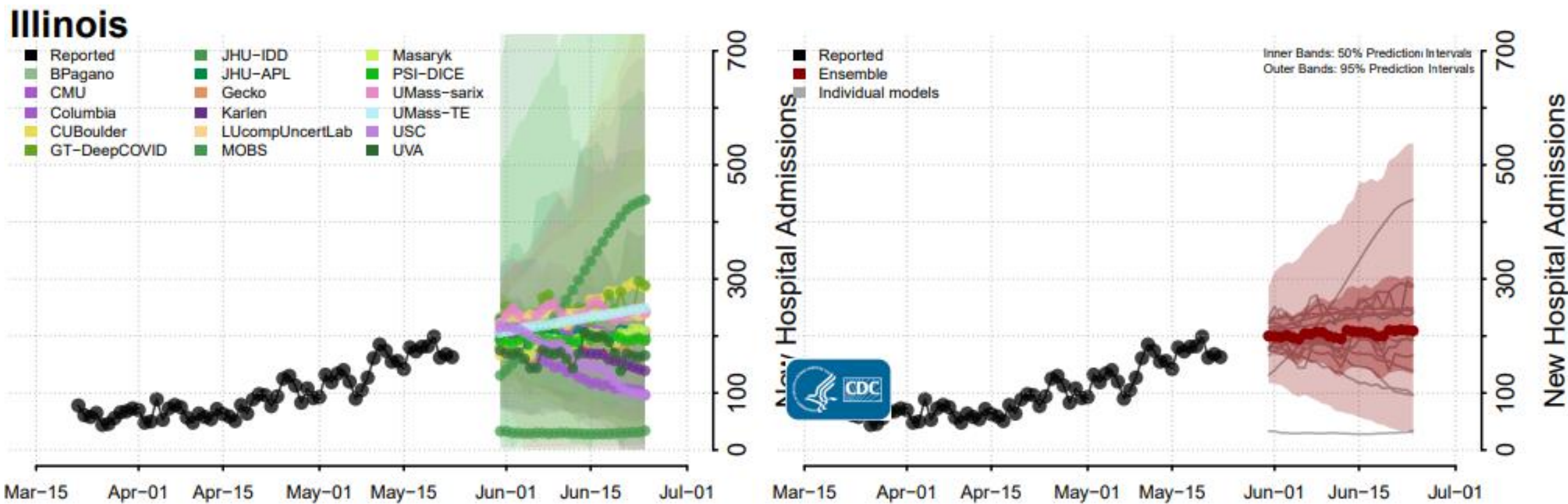


Good news: Chicago COVID-19 **hospitalizations** have risen slightly since early April, but remain near historic lows for pandemic overall

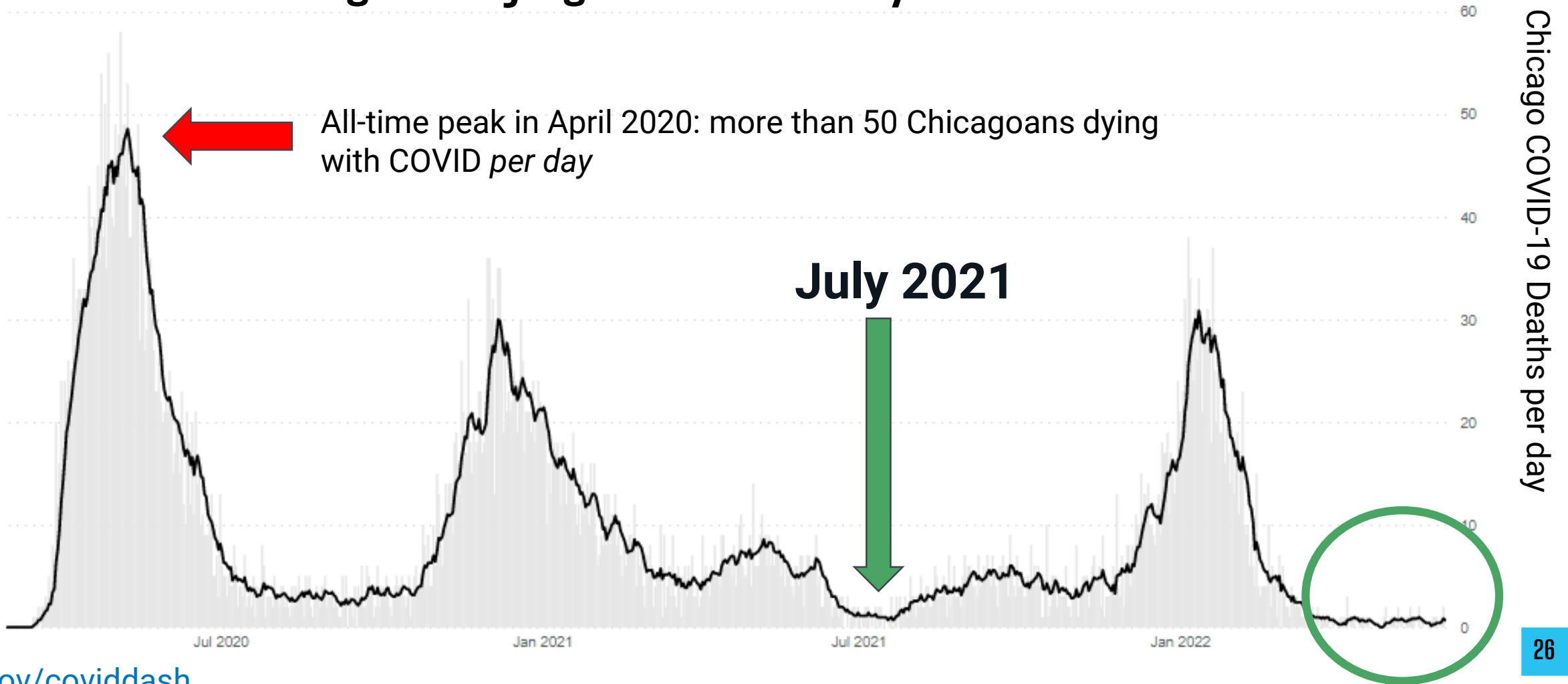




Forecasting Next Five Weeks of COVID Hospital Admissions in Illinois



Great news: Since March, fewer Chicagoans dying with COVID-19 than at **any** point in the pandemic. Today, we are averaging fewer than 5 Chicagoans dying from COVID-19 *per week*.



Additional COVID-19 Indicators for Chicago (sample; CDPH tracks internally)

Indicator		Thresholds			Chicago Current Values
		Low Concern	Medium Concern	High Concern	
7-day average percent of Emergency Department encounters with a COVID-19 diagnosis		<3.0%	3.0-5.9%	≥6.0%	2.2%
Number of wastewater sampling sites (out of 11 sites) with a 10-day rolling average at least double the rolling average from two weeks ago		0-1	2-3	≥4	3
SARS-CoV-2 variant risk assessment *See additional slides		Risk assessed as low	Risk assessed as medium	Risk assessed as high	Medium
Chicago in skilled nursing facilities (SNFs) 5/18-5/24/2022	Number of new outbreaks in SNFs in past 7 days	<6	6-9	≥10	4
	Percent of 79 SNFs with ongoing outbreaks in past 7 days [excludes new outbreaks]	<40%	40-69%	≥70%	62%
	Median number of cases per active SNF outbreak	<15	15-24	≥25	7



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

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

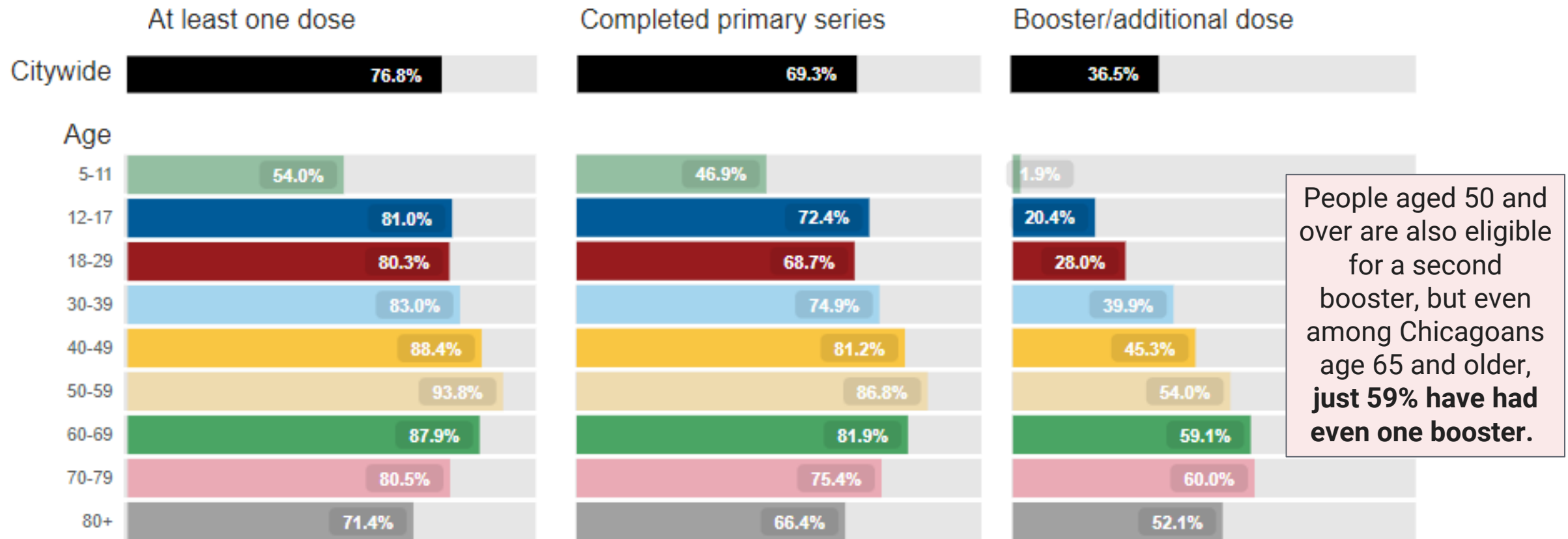
- Anyone **5y+** should get boosted:
 - 5 months after your initial Pfizer (12+) or Moderna (18+) series
 - 2 months after your initial J&J (18+) vaccination

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

- The following groups **should get a second mRNA booster** 4 months after their first booster dose:
 - Any adult 50+
 - Individuals 12+ who are moderately or severely immunocompromised



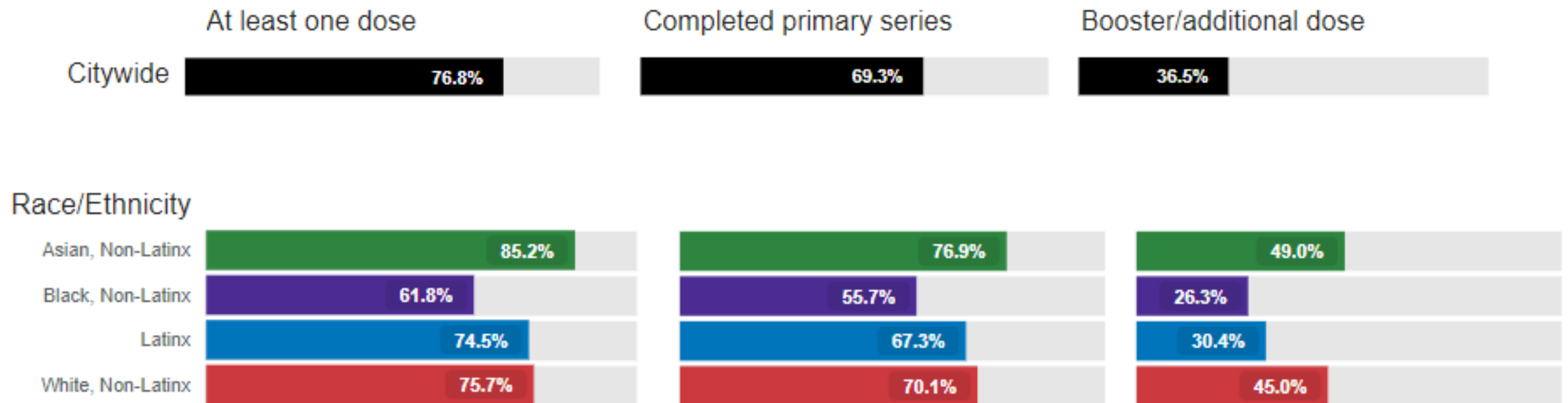
While 76% of Chicagoans age 12 and up have completed their primary COVID-19 vaccine series, just 42% have also had the recommended vaccine booster—despite recommendations that everyone age 12 and over receive a booster five months after completing the primary vaccine series



Data current as of June 5, 2022

<https://www.chicago.gov/city/en/sites/covid19-vaccine/home/vaccination-data-at-a-glance.html>

Chicago Vaccination by Race/Ethnicity

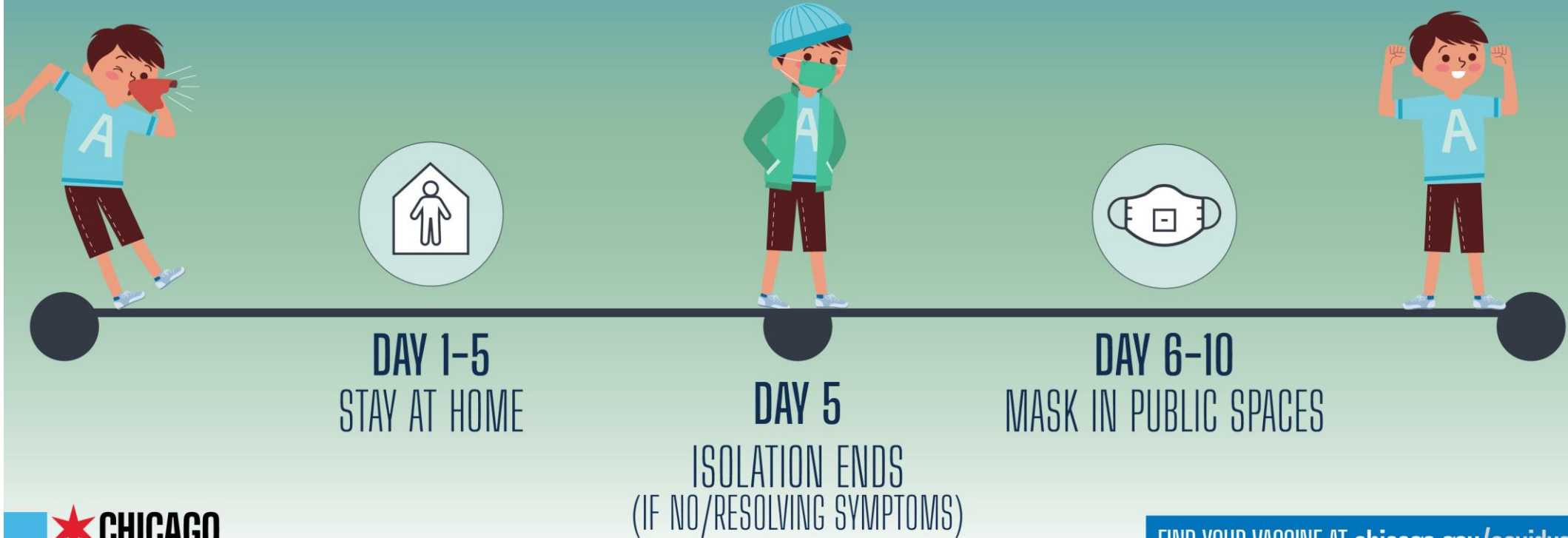


Data current as of June 5, 2022

<https://www.chicago.gov/city/en/sites/covid19-vaccine/home/vaccination-data-at-a-glance.html>

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.





How to get your **FREE** at-home COVID-19 tests

1

VISIT COVIDtests.gov

2

Enter contact and shipping info

3

Review and place your order

**3rd round of
free at home
COVID tests
available!**

Need a vaccine or a booster? Have questions?

visit **CHI.GOV/COVIDVAX**

or call **312-746-4835**



PROTECT
CHICAGO ★