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# Chicago COVID-19 Community Transmission and Risk Matrix

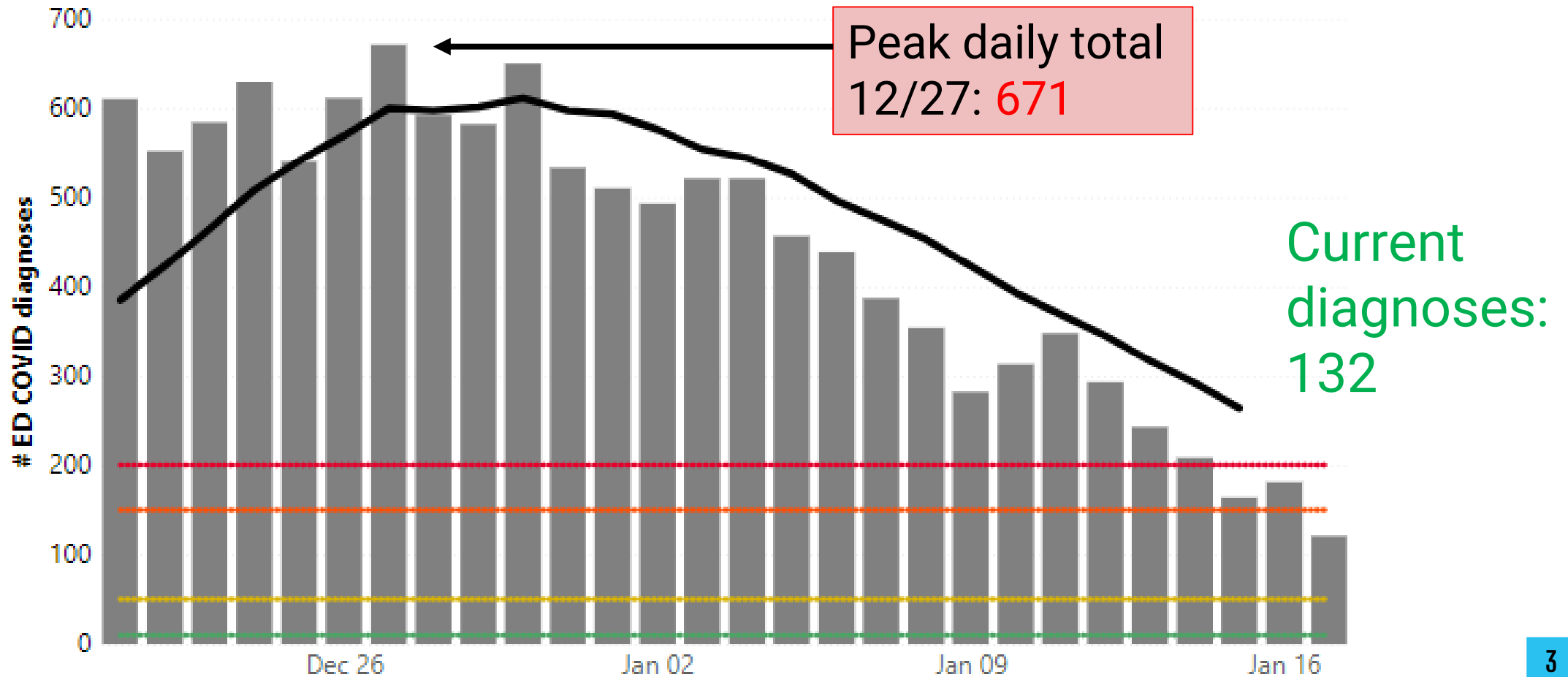
	VERY HIGH TRANSMISSION	HIGH TRANSMISSION	SUBSTANTIAL TRANSMISSION	LOWER TRANSMISSION	LOW TRANSMISSION
<b>COVID-19 CASES DIAGNOSED PER DAY</b> Chicago residents - 7-day rolling daily average	<b>800+</b> <b>Current: 2,903</b> Decreasing	400 - 799	200 - 399	20 - 199	<20
<b>COVID-19 TEST POSITIVITY</b> Chicago residents - 7-day rolling daily average	<b>10%+</b> <b>Current: 12.6%</b> Decreasing	6.6 - 9.9%	5.0 - 6.5%	2 - 4.9%	<2%
<b>HOSPITAL BEDS (NON-ICU) OCCUPIED BY COVID PATIENTS</b> Chicago hospitals - 7-day rolling daily average	<b>1250+</b> <b>Current: 1,495</b> Decreasing	750 - 1249	250 - 749	100 - 249	<100
<b>ICU BEDS OCCUPIED BY COVID PATIENTS</b> Chicago hospitals - 7-day rolling daily average	<b>400+</b>	<b>300 - 399</b> <b>Current: 307</b> Stable	100 - 299	20 - 99	<20

Source: Chicago Department of Public Health, data current as of January 18, 2022. These metrics represent general community COVID transmission and should not be applied to individual settings that have mitigation practices in place.

# Chicago Emergency Department COVID diagnoses peaked **December 27** and have been declining since, *though numbers remain very high*

## Emergency Department visits with COVID diagnoses

● # ED COVID diagnoses ● 7-day Rolling Average ● Very high risk ● High risk ● Substantial risk ● Controlled



Chicago COVID-19 test positivity peaked **January 1** and has been declining since, *though numbers remain very high*



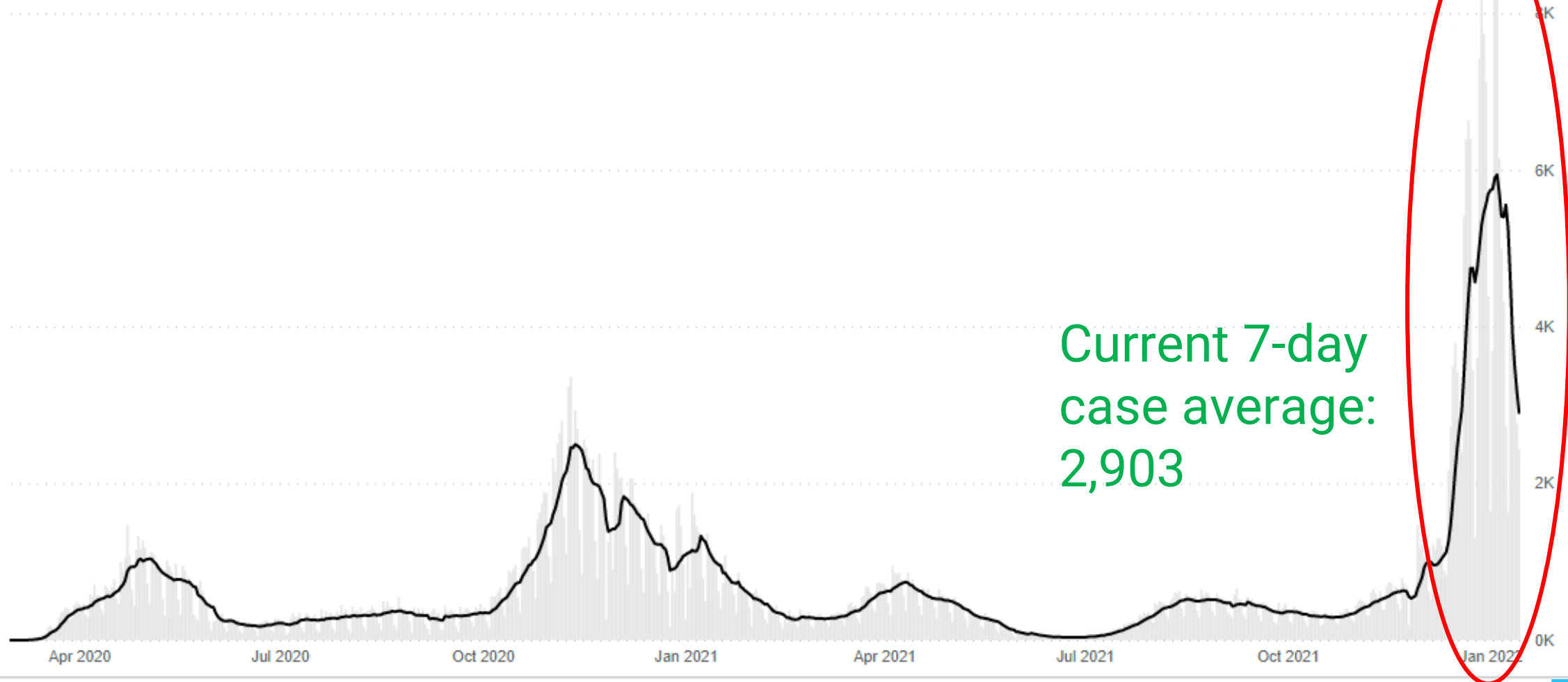
Peak positivity  
1/1: 19.6%

Current  
positivity:  
12.6%

Chicago COVID-19 cases peaked **January 4** and have been declining since, *though numbers remain very high*

Peak daily total  
1/4: **8,553**

Current 7-day  
case average:  
**2,903**



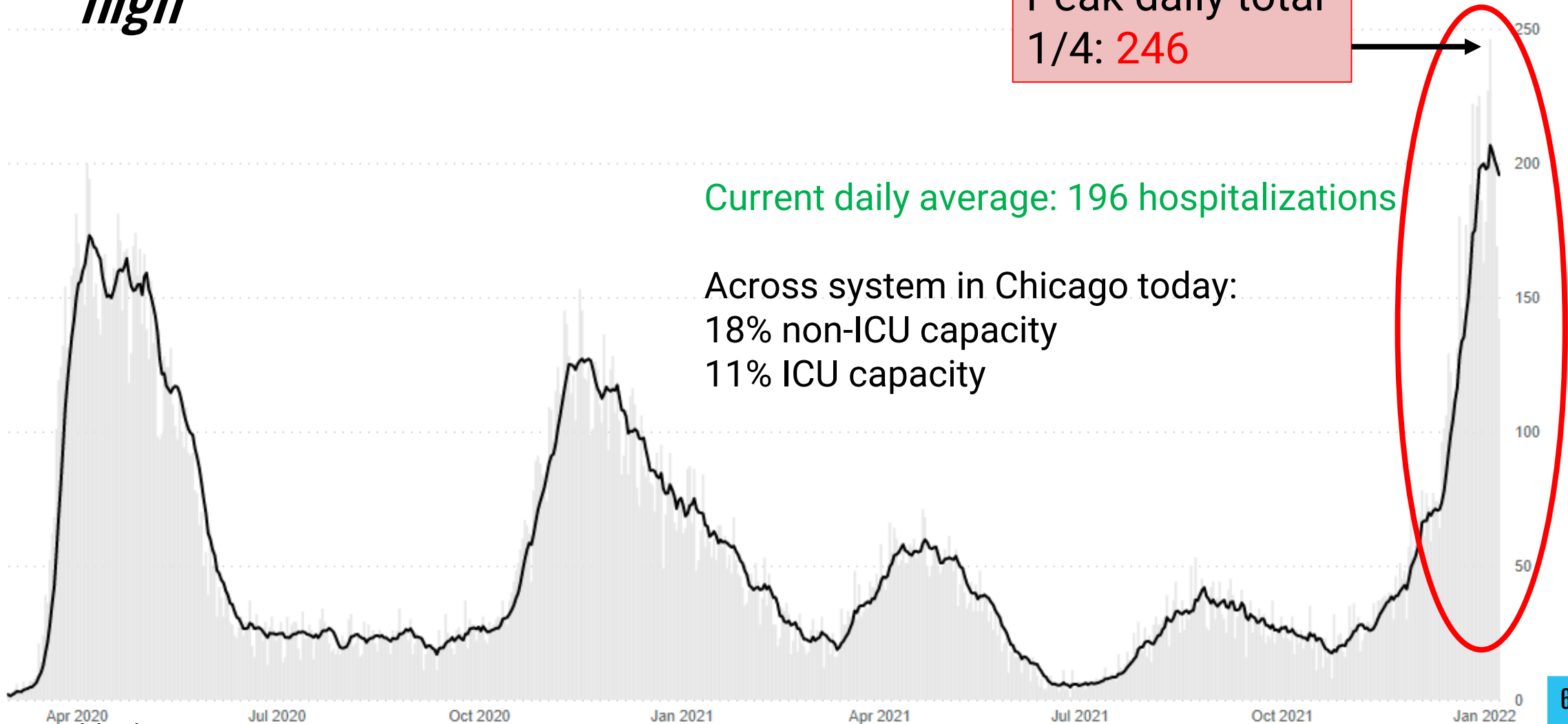
# Chicago COVID-19 Hospitalizations (new hospitalizations each day) have begun to plateau, *though numbers remain very high*



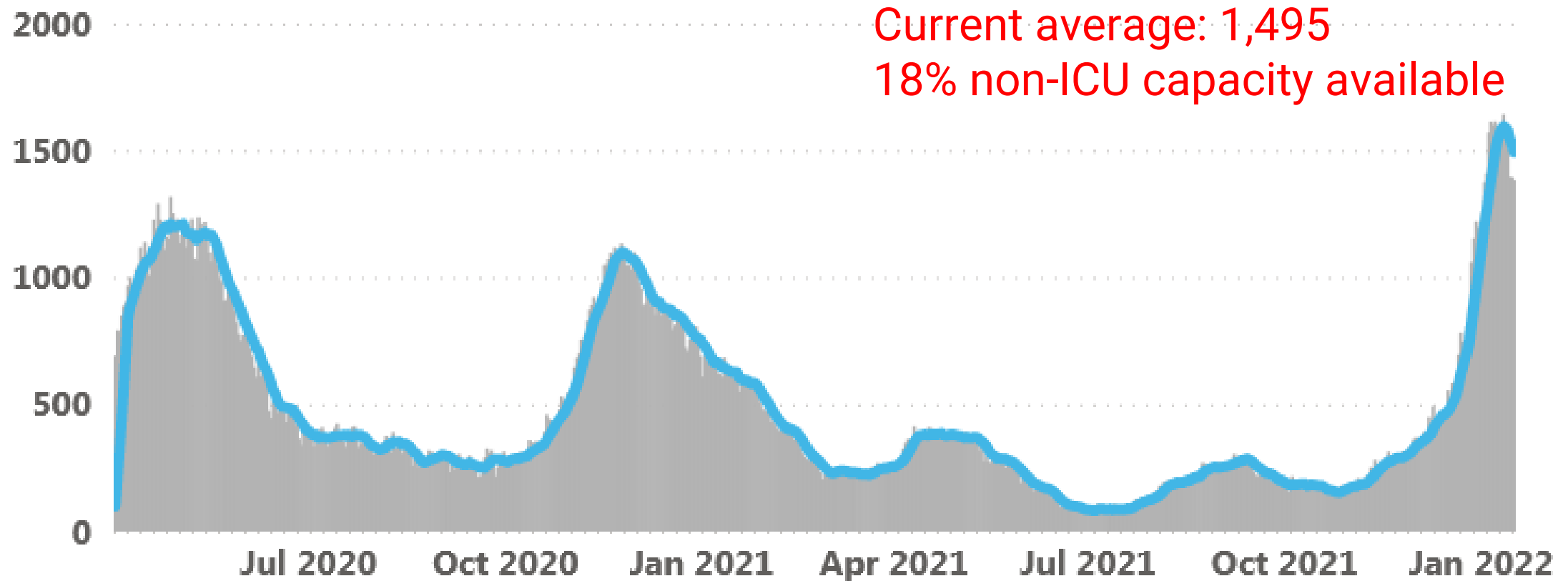
Peak daily total  
1/4: **246**

Current daily average: 196 hospitalizations

Across system in Chicago today:  
18% non-ICU capacity  
11% ICU capacity



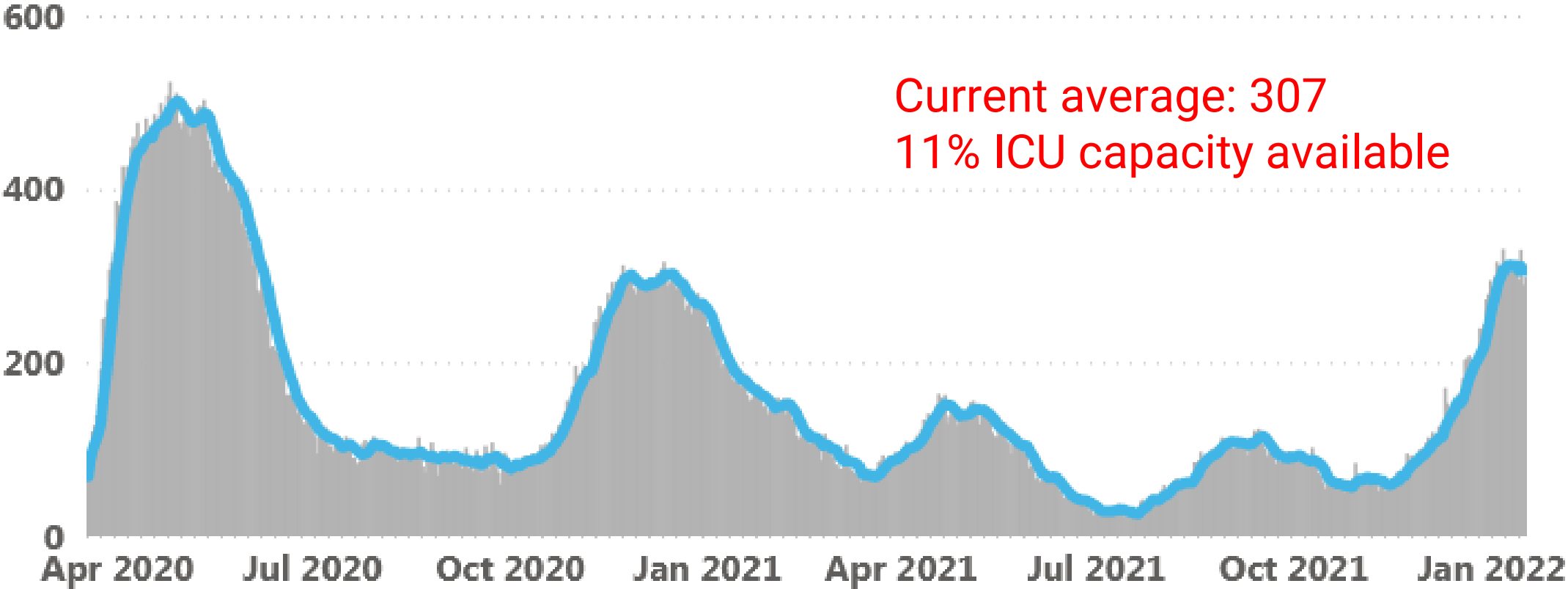
# Chicago Hospital Census (non-ICU Hospital Beds occupied by COVID-19 patients) has started to plateau but remains higher than in any previous month of the pandemic



● Acute Non-ICU Beds Occupied by COVID-19 Patients ● 7-day Rolling Average



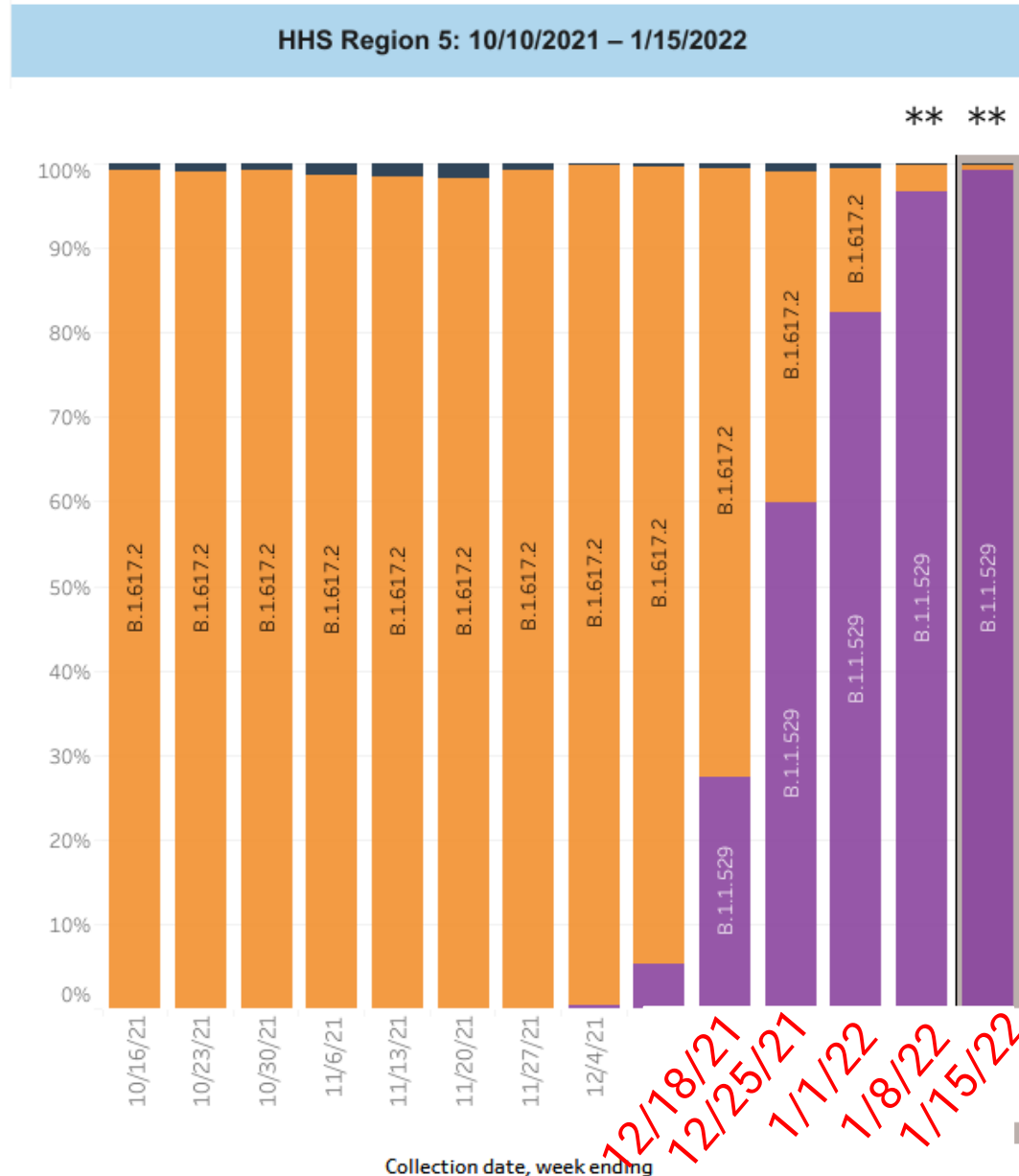
# Chicago: ICU Hospital Beds occupied by COVID-19 patients has started to plateau but remains at **highest census** since December 2020



● ICU Beds Occupied by COVID-19 Patients ● 7-day Rolling Average



# SARS-CoV-2 Variant Surveillance, Midwest Region



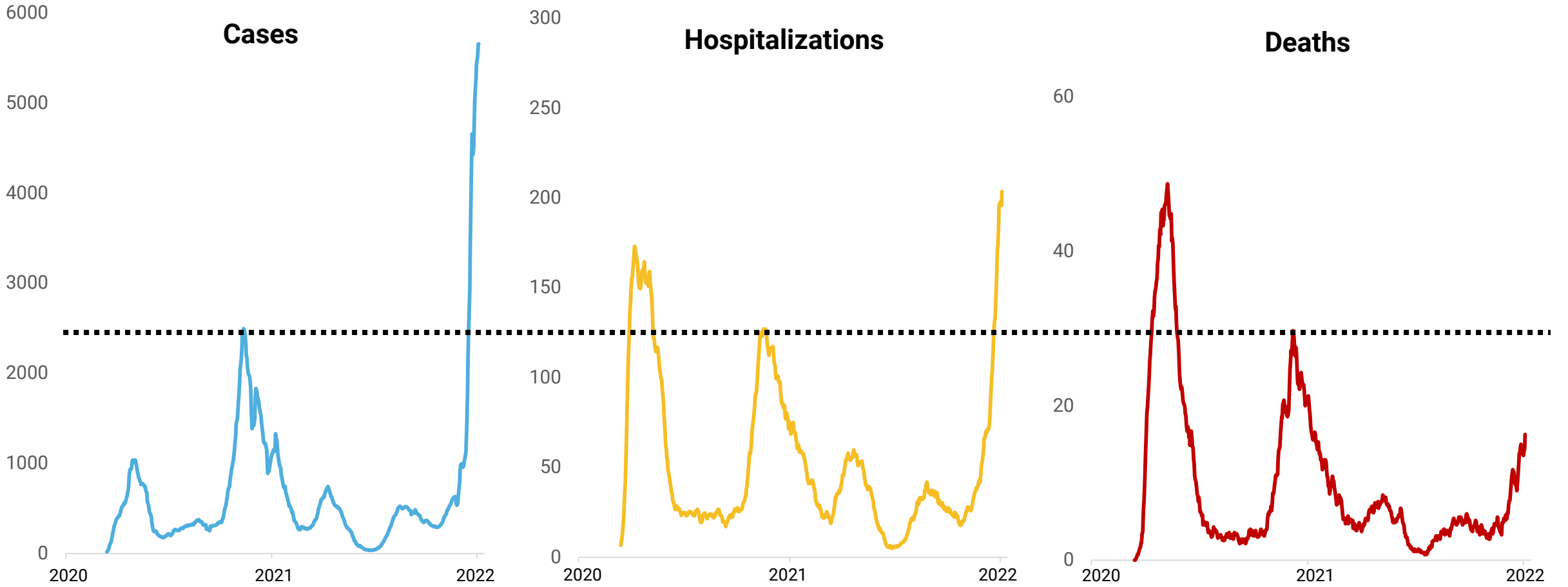
Omicron (99.3%)

Delta (0.7%)

Other (0.0%)

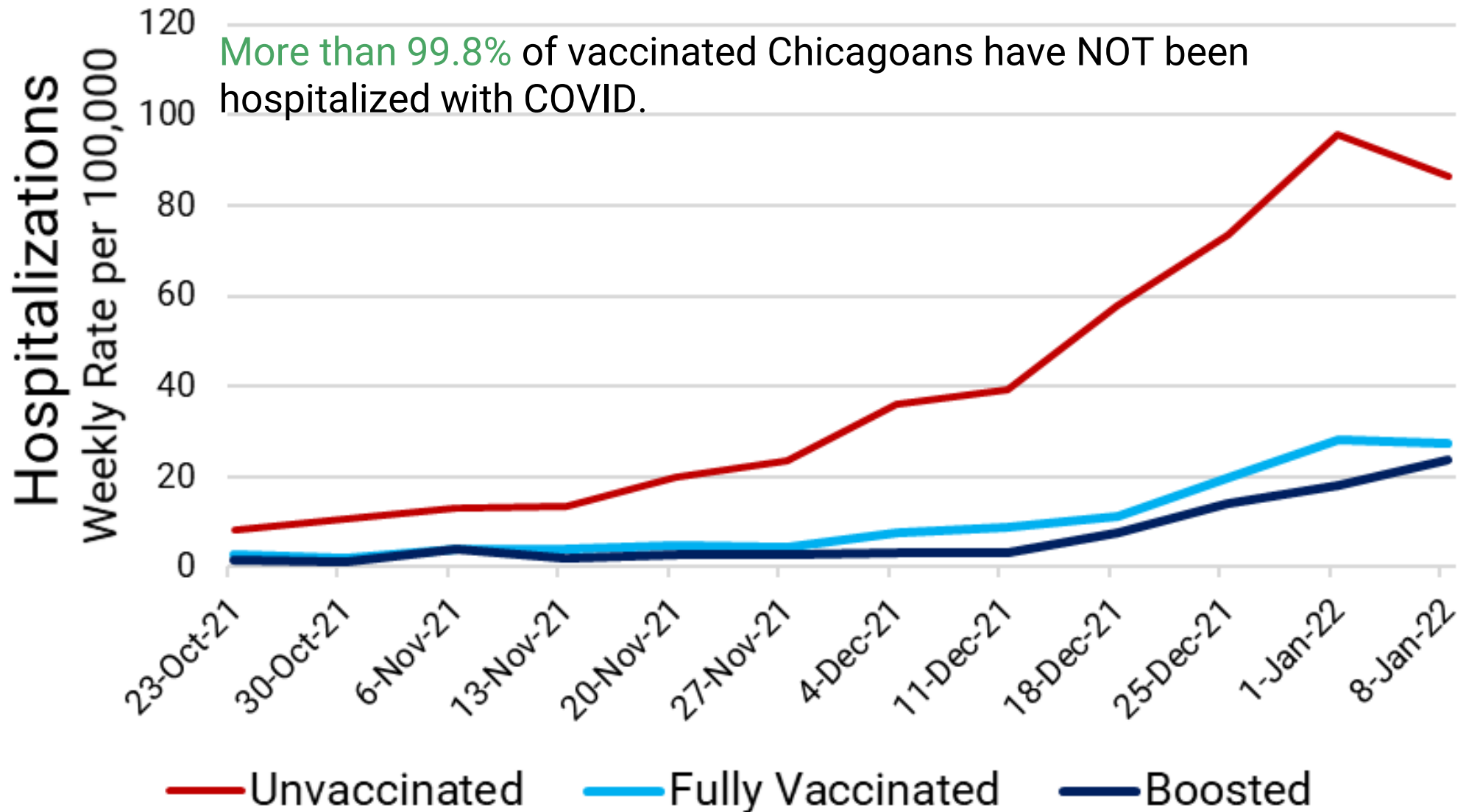
# What's different with Omicron?

Dramatic increase in less severe and breakthrough cases; rising hospitalizations and deaths very in unvaccinated

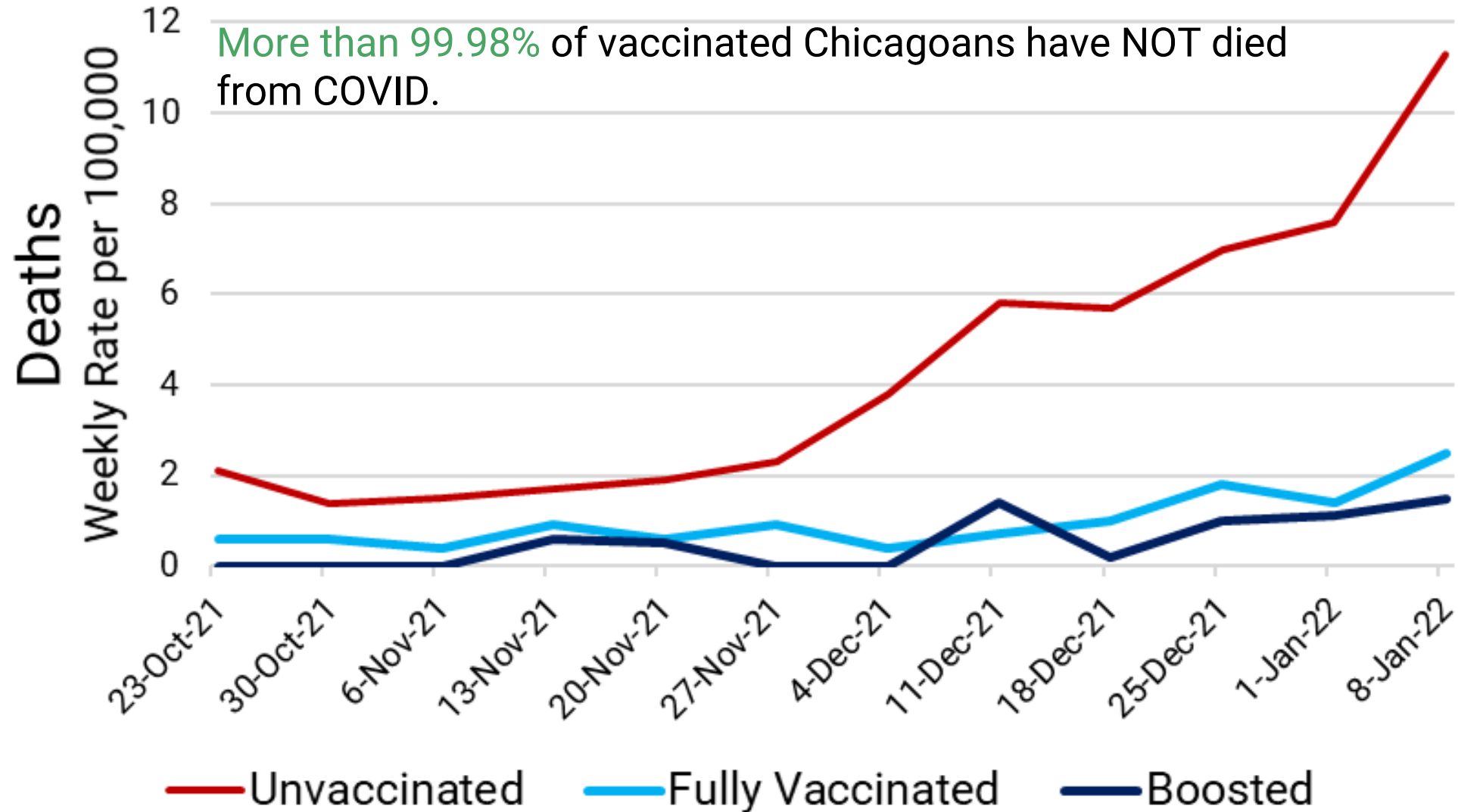


Data Source: Illinois' National Electronic Disease Surveillance System (I-NEDSS). Data pulled 1/12/2022, based on 7 day rolling averages.

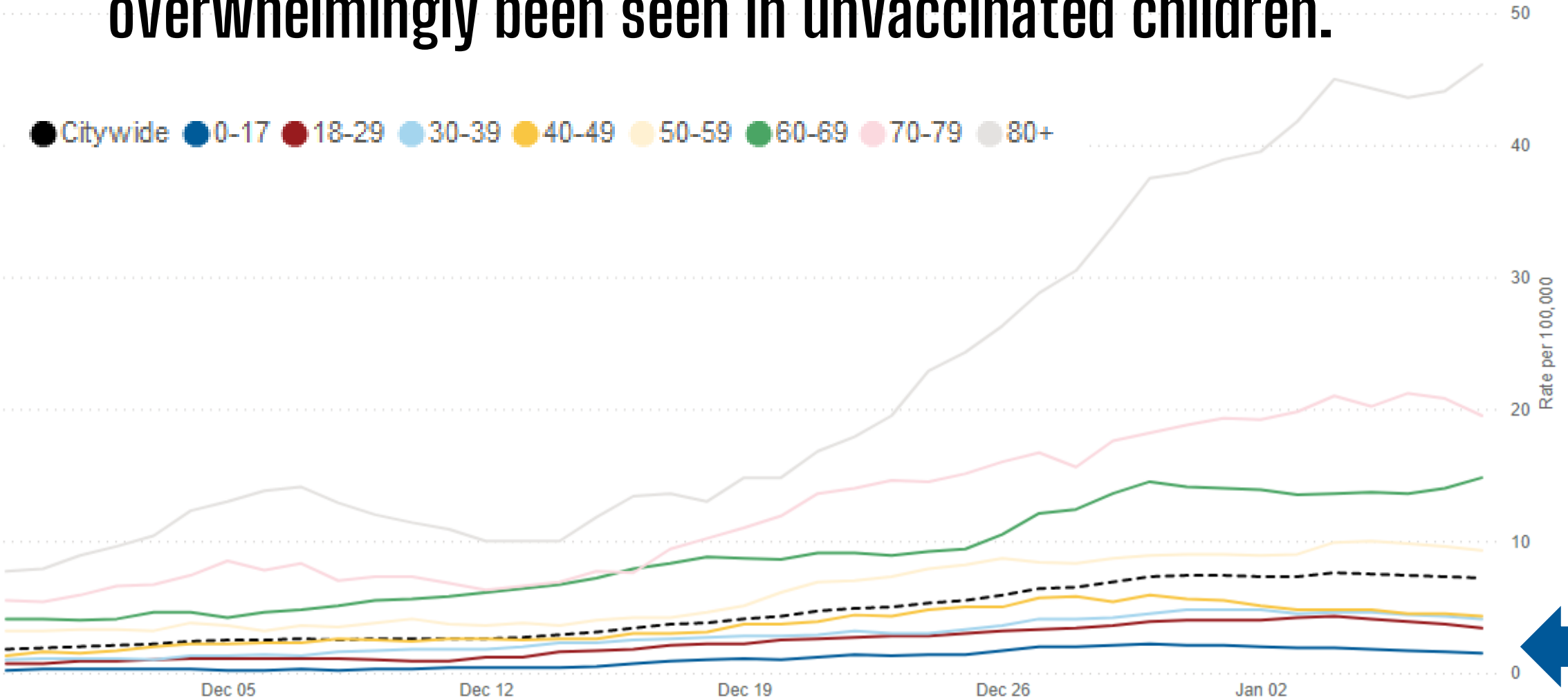
**Unvaccinated** Chicagoans are much more likely to be *hospitalized* (5 times more likely) with COVID than **unvaccinated** Chicagoans, and an **additional/booster dose** clearly provides added protection



# Unvaccinated Chicago residents are much more likely to die (8 times more likely!) from COVID-19 than their vaccinated counterparts

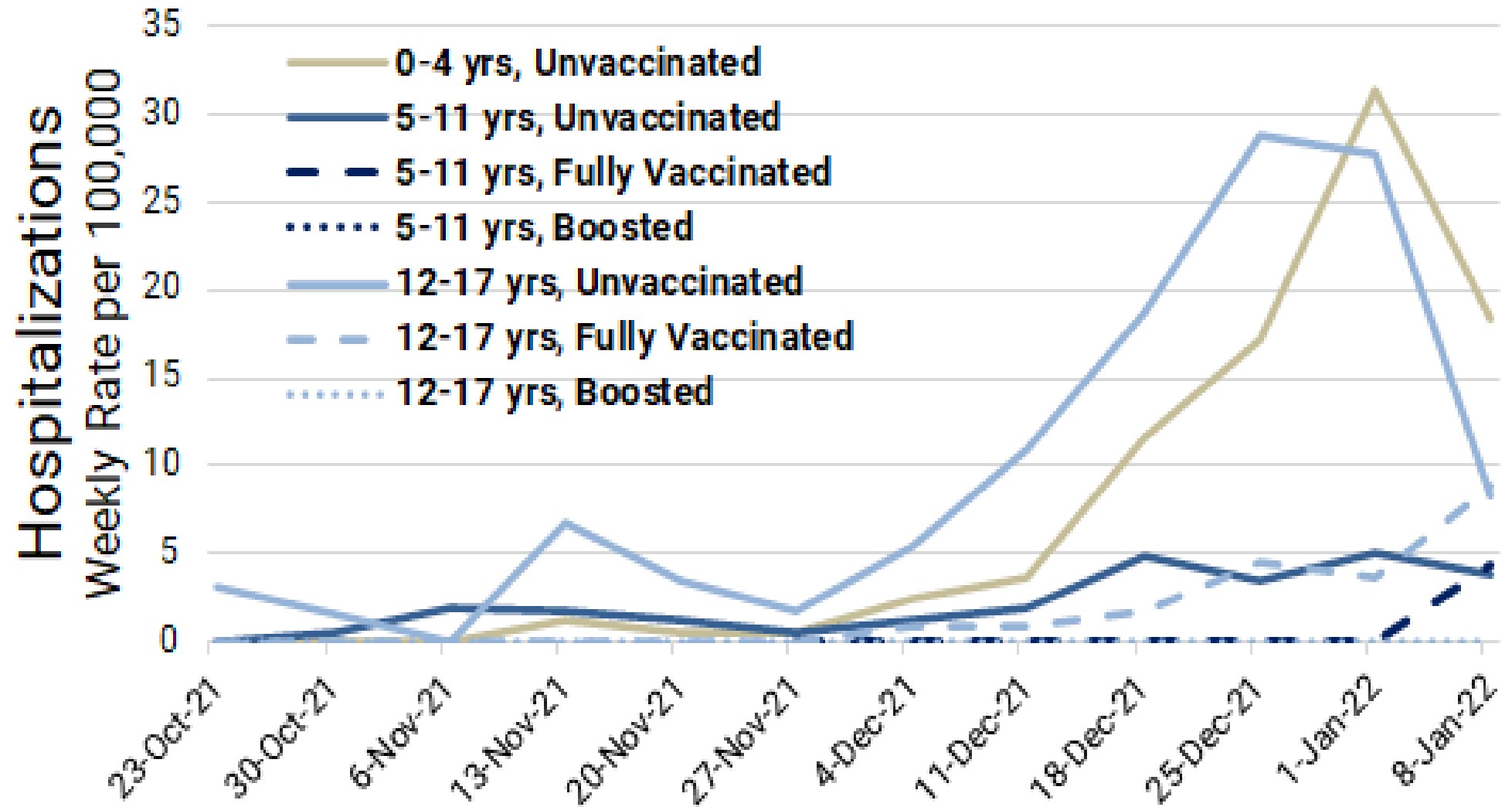


# Chicago: COVID-19 Hospitalizations remain low overall among children 0-17 y/o. Child COVID hospitalizations have overwhelmingly been seen in unvaccinated children.

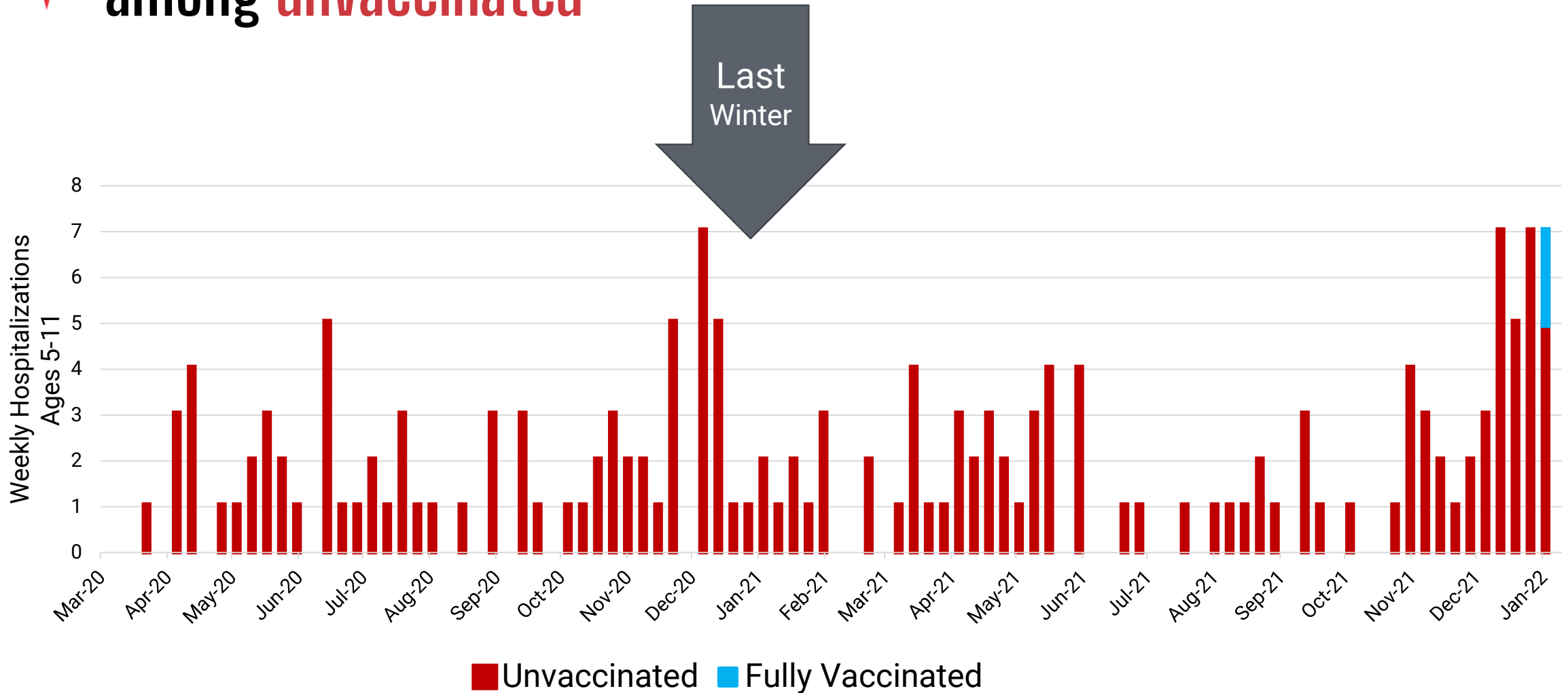


0-17

Hospitalization rates among children have subsided quickly after an increase at the end of 2021. Even in kids, most hospitalized were **unvaccinated**.



# Recent increase in hospitalizations comparable to last winter's surge for children age 5-11 years, and most hospitalizations among **unvaccinated**



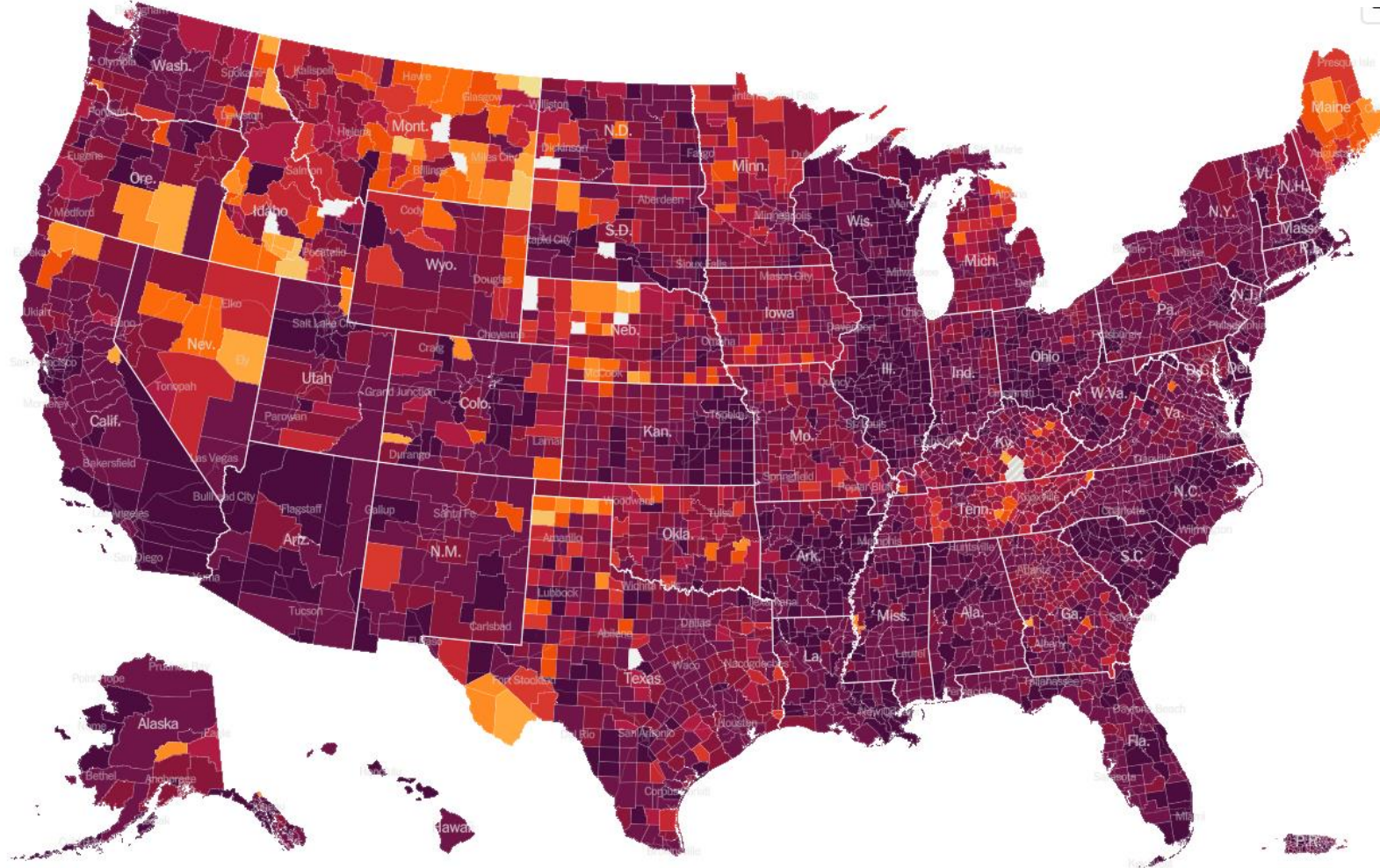
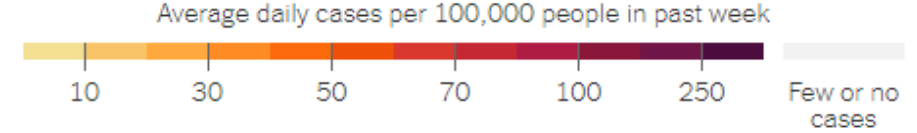




# Average daily COVID-19 cases per 100,000 population



**66 Million Cumulative Cases**  
**850,750 Cumulative Deaths**



## Vaccinations

	AT LEAST ONE DOSE	FULLY VACCINATED
All ages	75%	63%
12 and up	85%	72%
65 and up	95%	88%

## National currently:

**238** diagnosed daily cases per 100,000 people

## Illinois currently:

**233** diagnosed daily cases per 100,000 people

## Chicago currently:

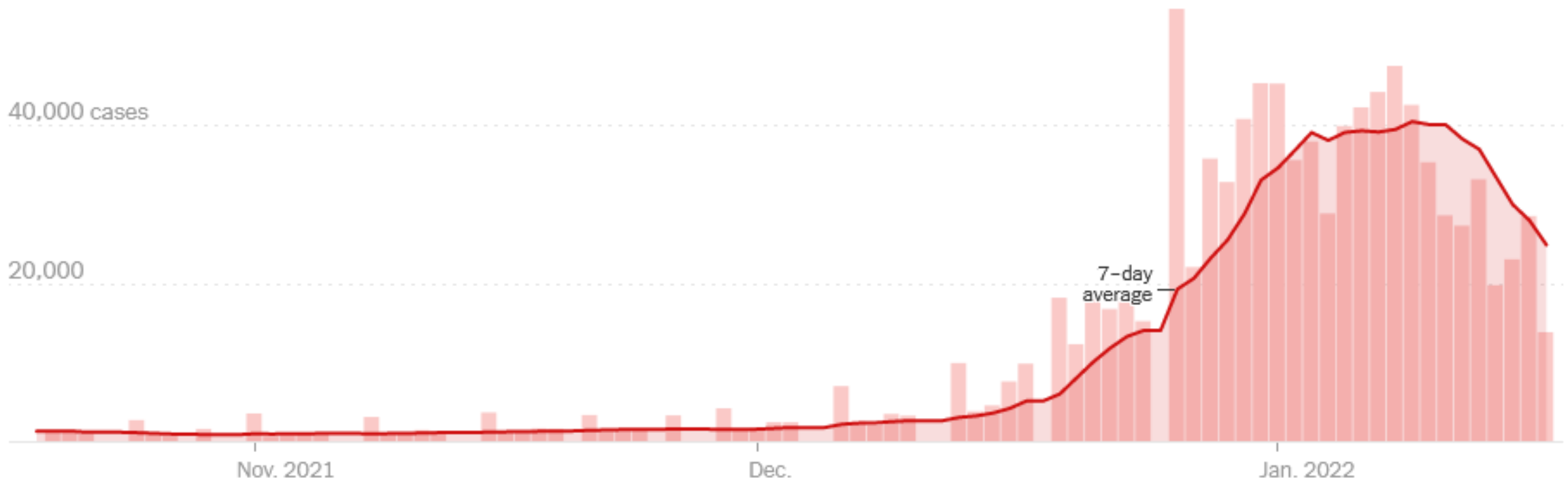
**162** diagnosed daily cases per 100,000 people



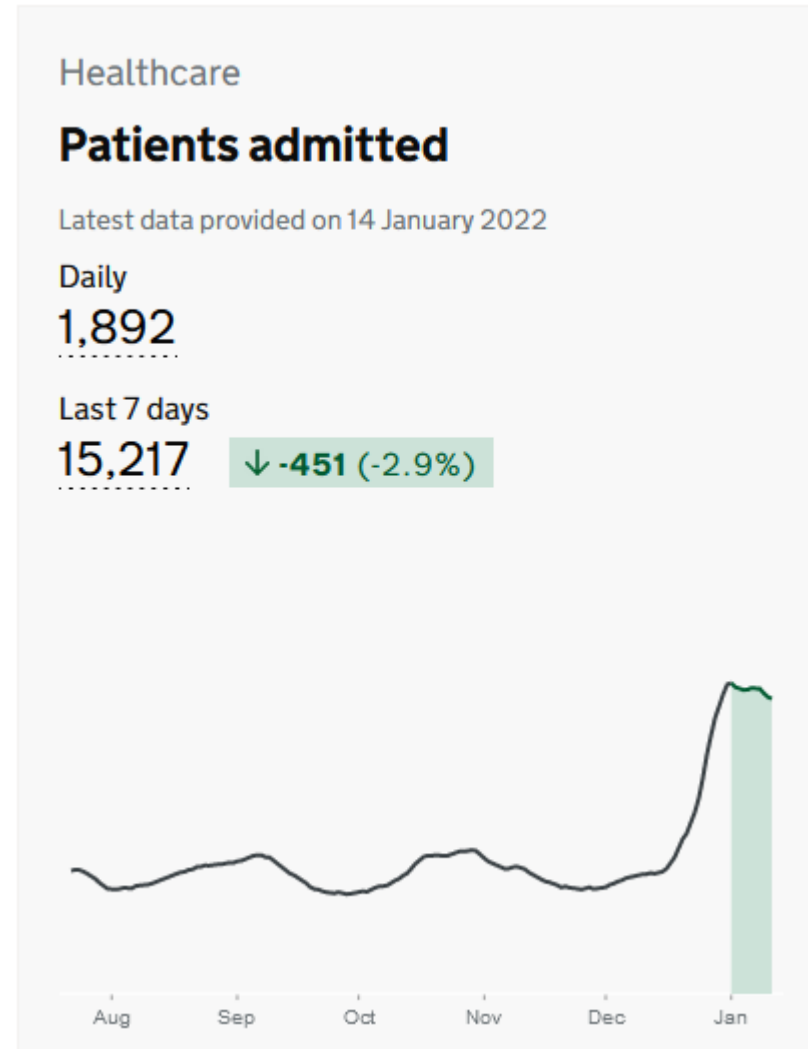
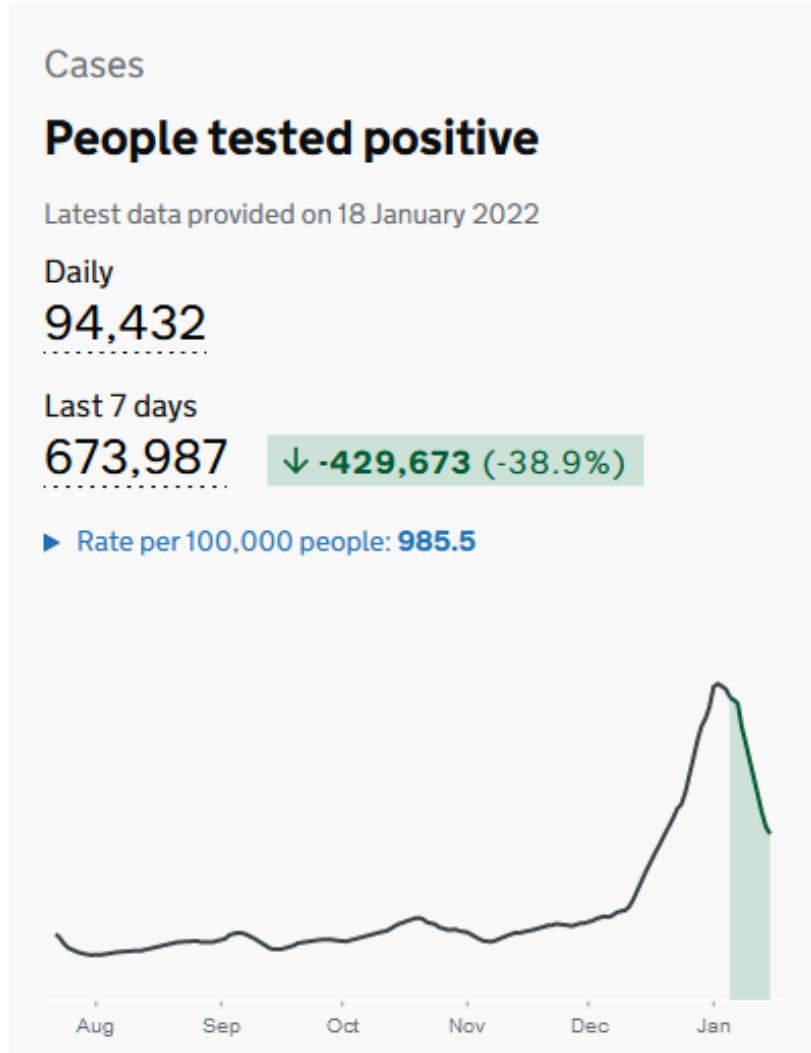
# New York City: Like Chicago, past the peak but still very high

## New reported cases by day

DAILY AVG. ON JAN. 17 **24,906** 14-DAY CHANGE **-36%**



# Internationally: The United Kingdom is starting to see a decline in COVID-19 cases and patients admitted to the hospital

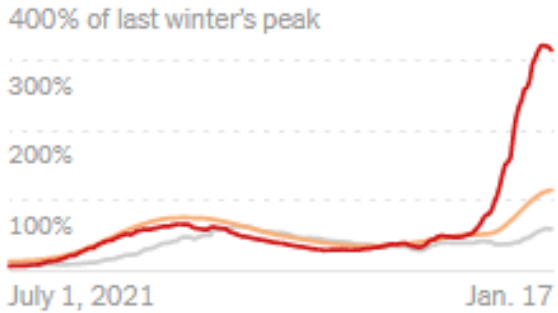


# Nationally: Seeing signs of plateaus in COVID-19 in some of the hardest-hit areas (though not as clearly as in Chicago to date)



■ Cases ■ Hospitalizations ■ Deaths

## United States



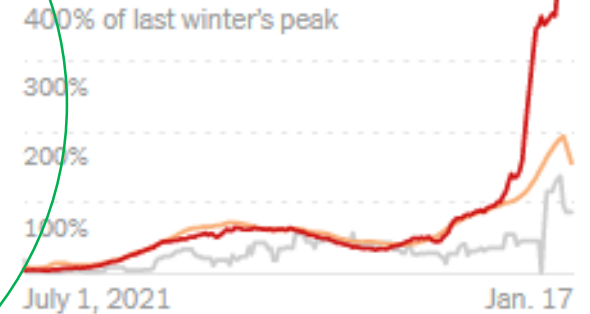
## Rhode Island



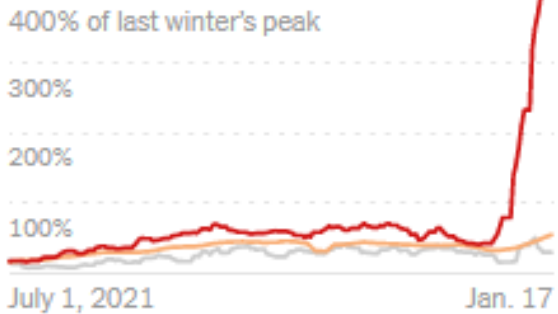
## Wisconsin



## Delaware



## Utah



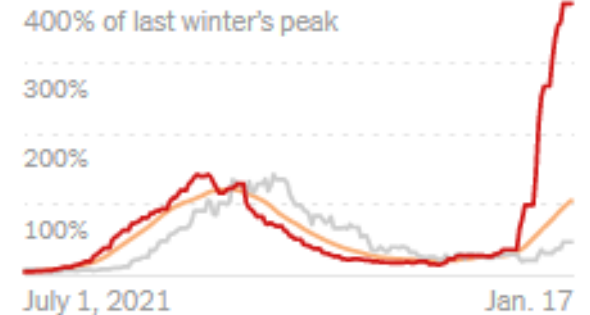
## Massachusetts



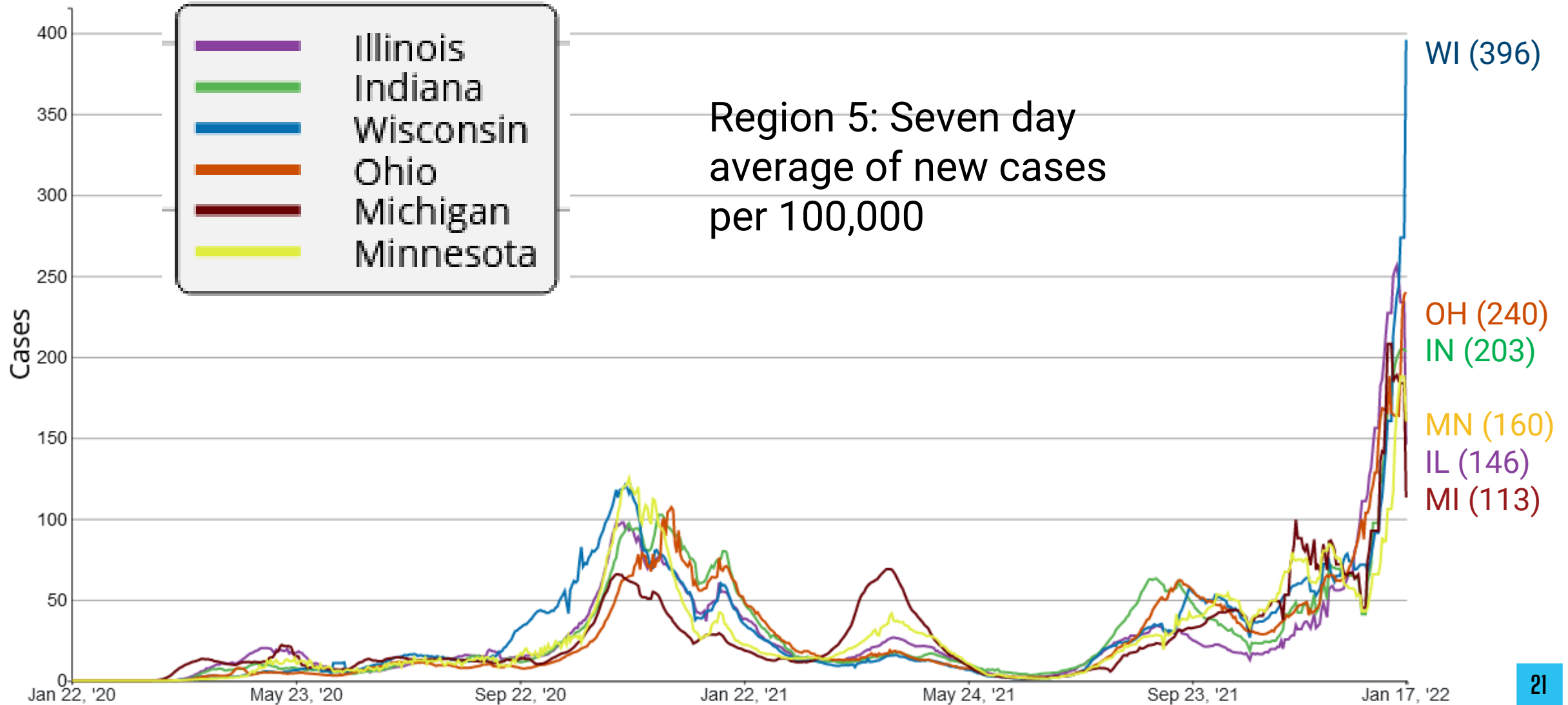
## California



## South Carolina



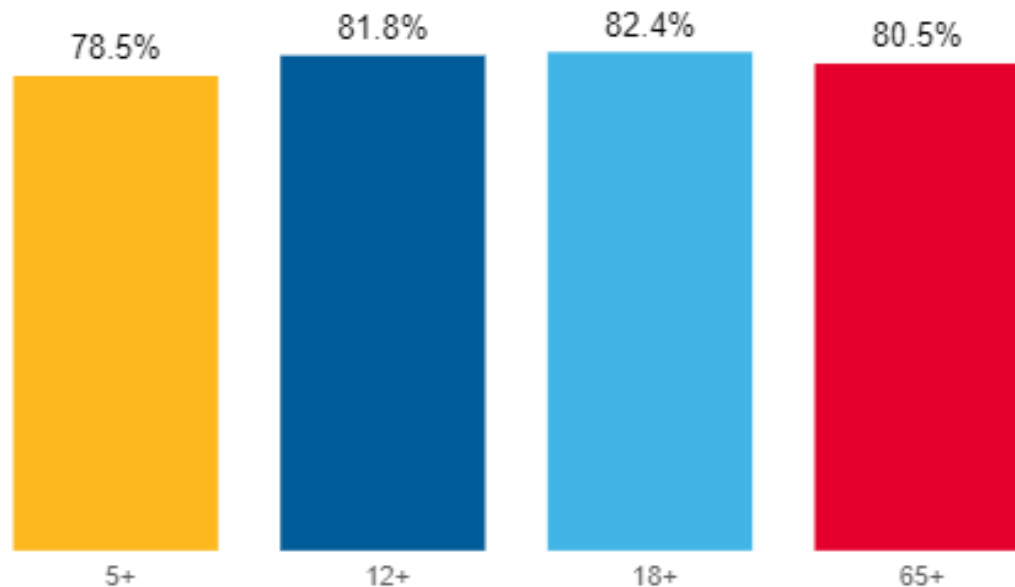
# Regionally: IL case rate is on the decline, though many surrounding states continue to rise



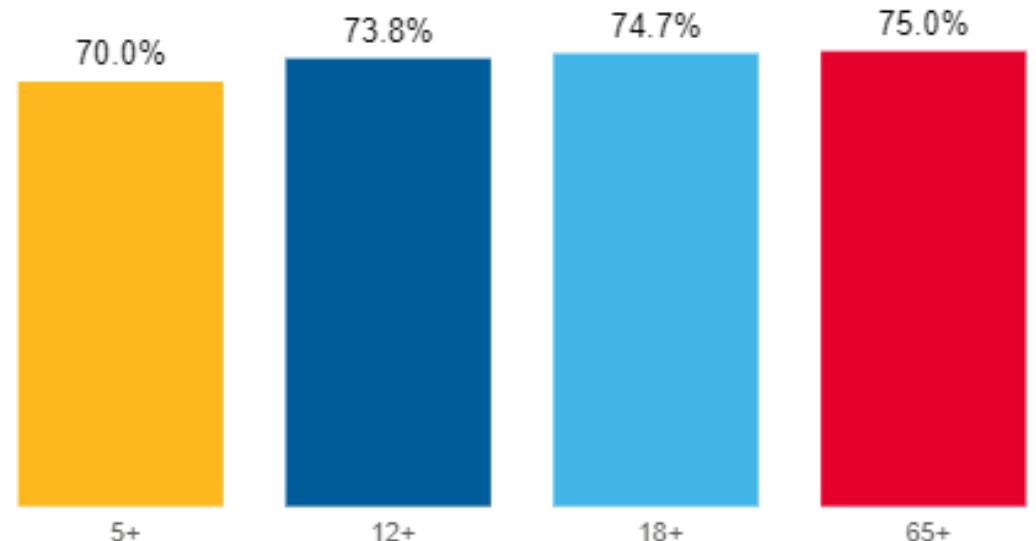
# Vaccination rates continue to increase in Chicago.

★ 79% of eligible Chicagoans (5+) have received at least one dose of a COVID vaccine

At least one dose (% vaccinated as of 1/17/2022)



Completed vaccine series (% vaccinated as of 1/17/2022)



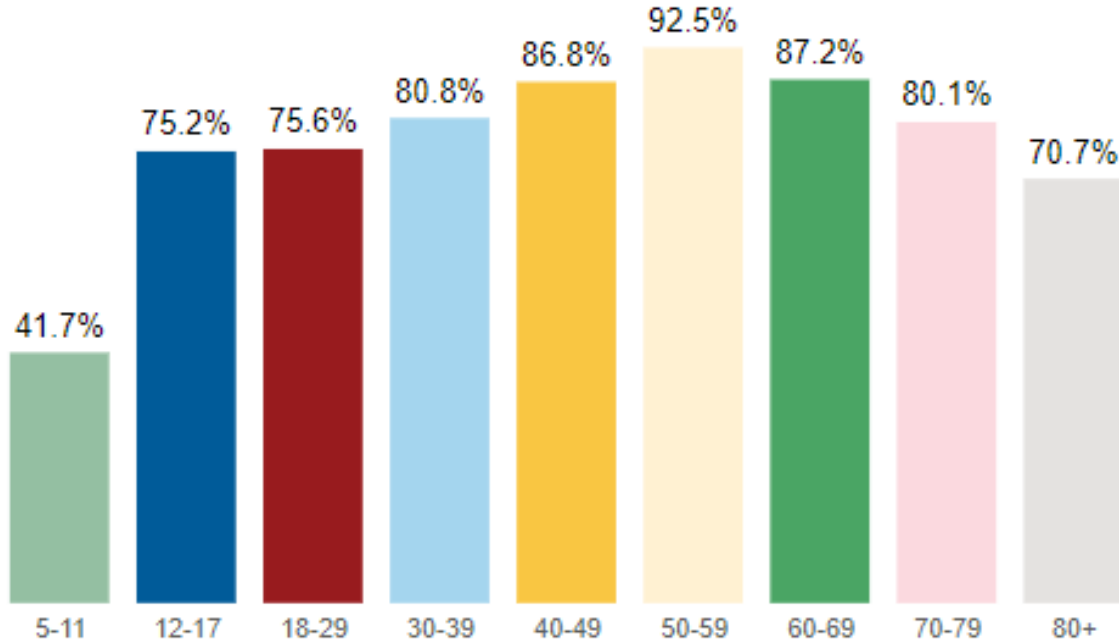
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slalom





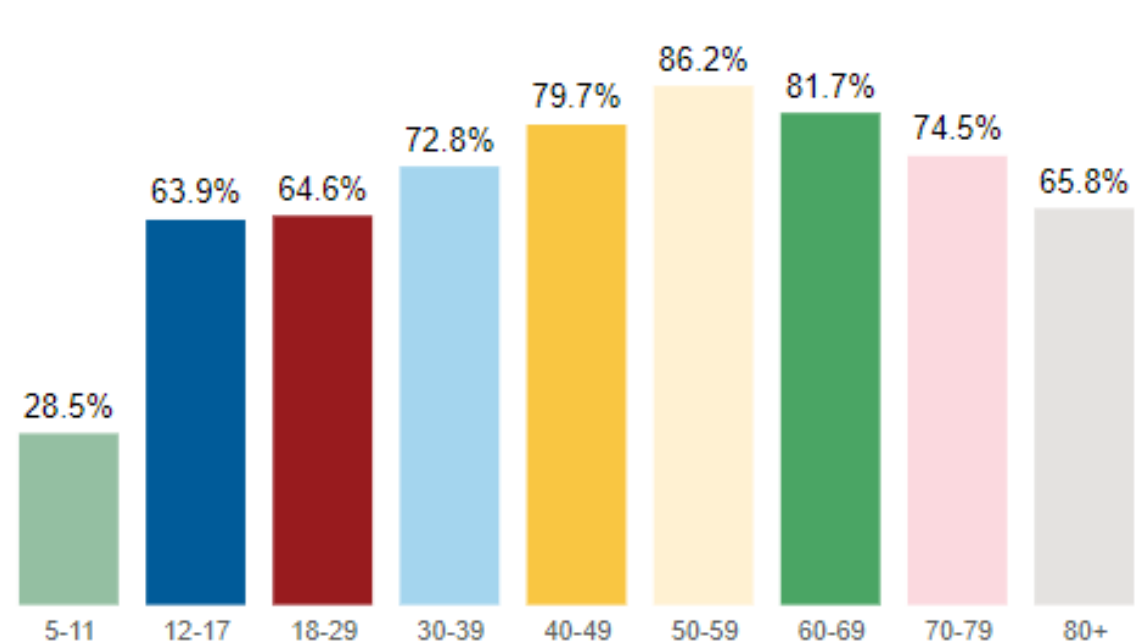
# Chicago: Vaccination rates by age continue to increase and above national average in children and adolescents

At least one dose (% vaccinated as of 1/17/2022)



U.S. 5-11 y/o with one dose: 27%  
 U.S. 12-17 y/o with one dose: 64.6%

Completed vaccine series (% vaccinated as of 1/17/2022)



U.S. 5-11 y/o completed series: 17.9%  
 U.S. 12-17 y/o completed series: 54.3%



# Vaccine Events THIS WEEKEND Plenty of appointments available!

Saturday

Sunday

## **FAMILY COVID VACCINE CLINICS** ADULT AND PEDIATRIC VACCINE DOSES & BOOSTERS AVAILABLE

### **RICHARD J. DALEY COLLEGE**

7500 S Pulaski Rd

Saturdays, 9am-2pm  
Jan. 22 & Feb.12

### **WILBUR WRIGHT COLLEGE**

4300 N Narragansett Ave

Sundays, 9am-2pm  
Jan. 23 & Feb.13

### **KENNEDY-KING COLLEGE**

6301 S Halsted St

Saturdays, 9am-2pm  
Jan. 29 & Feb.19

### **OLIVE-HARVEY COLLEGE**

10001 S Woodlawn Ave

Sundays, 9am-2pm  
Jan. 30 & Feb.20

### **TRUMAN COLLEGE**

1145 W. Wilson Ave

Saturdays, 9am-2pm  
Feb. 5 & Feb.26

### **MALCOLM X COLLEGE**

1900 W Jackson Blvd

Sundays, 9am-2pm  
Feb. 6 & Feb.27



**REGISTER:** [rebrand.ly/YouthVax](https://rebrand.ly/YouthVax)  
(312) 746-4835



# WHEN SHOULD I GET MY COVID-19 BOOSTER?

*Anyone 12y+ should get boosted:*

**5 months**

After your initial Pfizer (12y+) or Moderna (18+) series

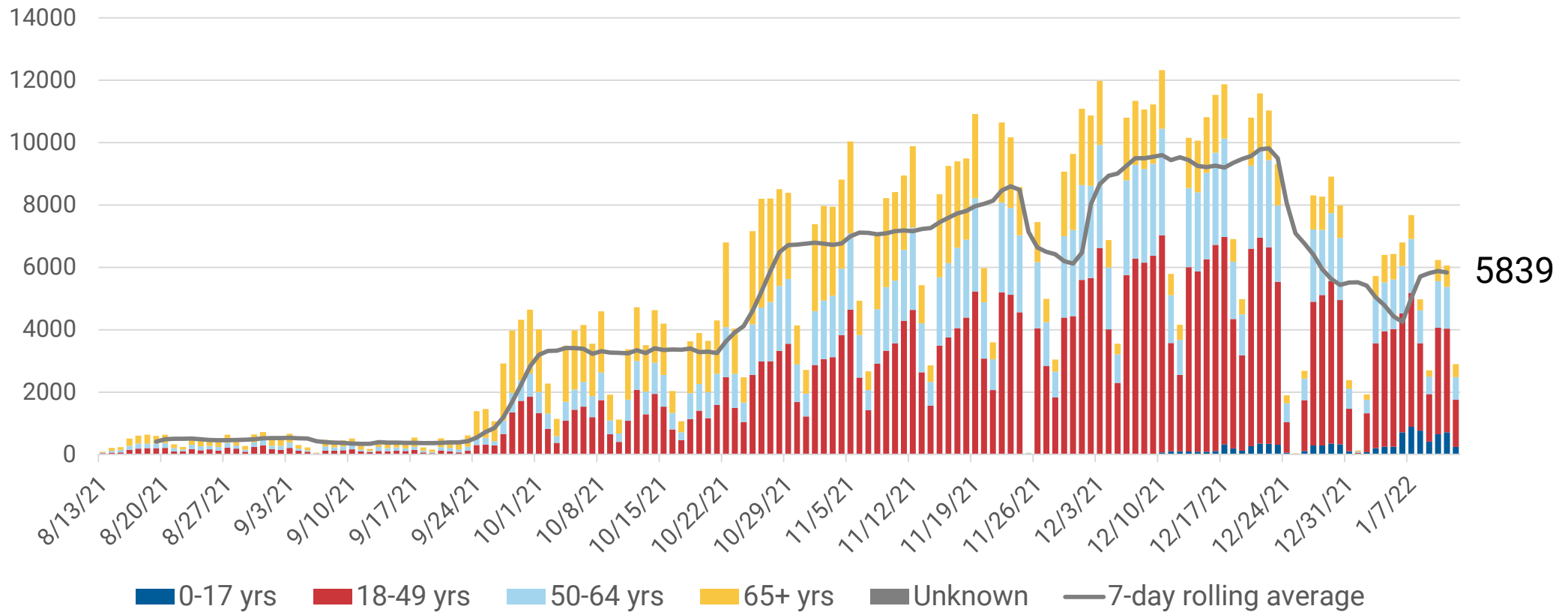
**2 months**

After your initial J&J (18+) vaccination





# Chicagoans who received a booster dose of COVID-19 vaccine by age group (n=707,282)



Data as of 1/12/2022. The count of people who received a booster dose includes anyone who is fully vaccinated and has received another dose of COVID-19 vaccine since August 13, 2021. This includes people who received booster doses and people who received additional doses.



# Percent of fully vaccinated population\* that has received a booster dose

	United States	Chicago
Population ≥ 18 years	40.6%	44.8%
Population ≥ 50 years	52.3%	55.9%
Population ≥ 65 years	61.3%	64.5%

\*Not all may be due to receive a booster dose

Data as of 1/12/2022. The count of people who received a booster dose includes anyone who is fully vaccinated and has received another dose of COVID-19 vaccine since August 13, 2021. This includes people who received booster doses and people who received additional doses.

United States source: [https://covid.cdc.gov/covid-data-tracker/#vaccinations\\_vacc-people-additional-dose-totalpop](https://covid.cdc.gov/covid-data-tracker/#vaccinations_vacc-people-additional-dose-totalpop). Accessed 1/13/2022

# ★ Which mask is best?

To protect yourself and others from COVID-19, CDC continues to recommend that:

1. you wear the most protective mask you can,
2. that fits well,
3. and that you will wear consistently.

★ City of Chicago has distributed 1.5 million KN95 masks to Chicago residents through aldermanic offices and community groups.

Here's what you need to know about KN95 masks:

When used as mitigation measures in **community settings**, they may be reused for an extended period of time. In **clinical settings** (like hospitals), surgical and KN95 masks are intended for single use.



For any mask, it is most important to make sure that it is well-fitted to your face



Always perform hand hygiene before putting on or taking off any mask or face covering.



Do not attempt to wash your KN95. To keep it clean between uses, store it in a dry paper bag.



Discard your mask if it is: soiled, damaged, becomes stretched out, no longer covers the nose and mouth, or cannot stay on your face or is hard to breathe through



# Federal Administration to begin distribution of at-home, rapid COVID-19 tests to Americans for FREE

- Americans are now able to order a test online at [COVIDTests.gov](https://www.covidtests.gov)
- Limit 4 tests to each residential address
- Tests will usually ship within 7-12 days of ordering; partnering with USPS
- Additional programs coming for harder-hit communities



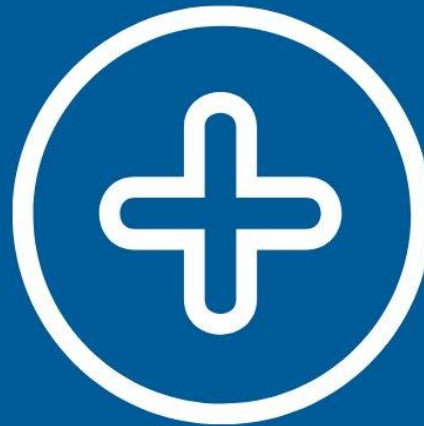
# A positive test is a positive test.



If you test positive and have underlying conditions that put you at higher risk for hospitalization, **please talk with your healthcare provider immediately** to see if you are eligible for antivirals that are now available.

These antivirals are medications that can help keep you out of the hospital, but they need to be taken in the first few days of infection.

# My at-home test came back positive...



You should consider this a true positive and stay at home for a minimum of 5 days. Please isolate and inform close contacts of your status so that they can seek out testing and quarantine as needed.

There is no requirement from CDPH to get a "confirmatory test", though some facilities (e.g. employers, schools, daycare) may require additional documentation.



Need a vaccine or a booster? Have questions?

visit **CHI.GOV/COVIDVAX**

or call **312-746-4835**





*Last Updated 01.19.22*

# CPS COVID UPDATE



**HEALTHY CPS**

OFFICE OF STUDENT HEALTH & WELLNESS

# Total Reported Case Counts in SY21-22

Aug. 29, 2021 - Jan. 15, 2022

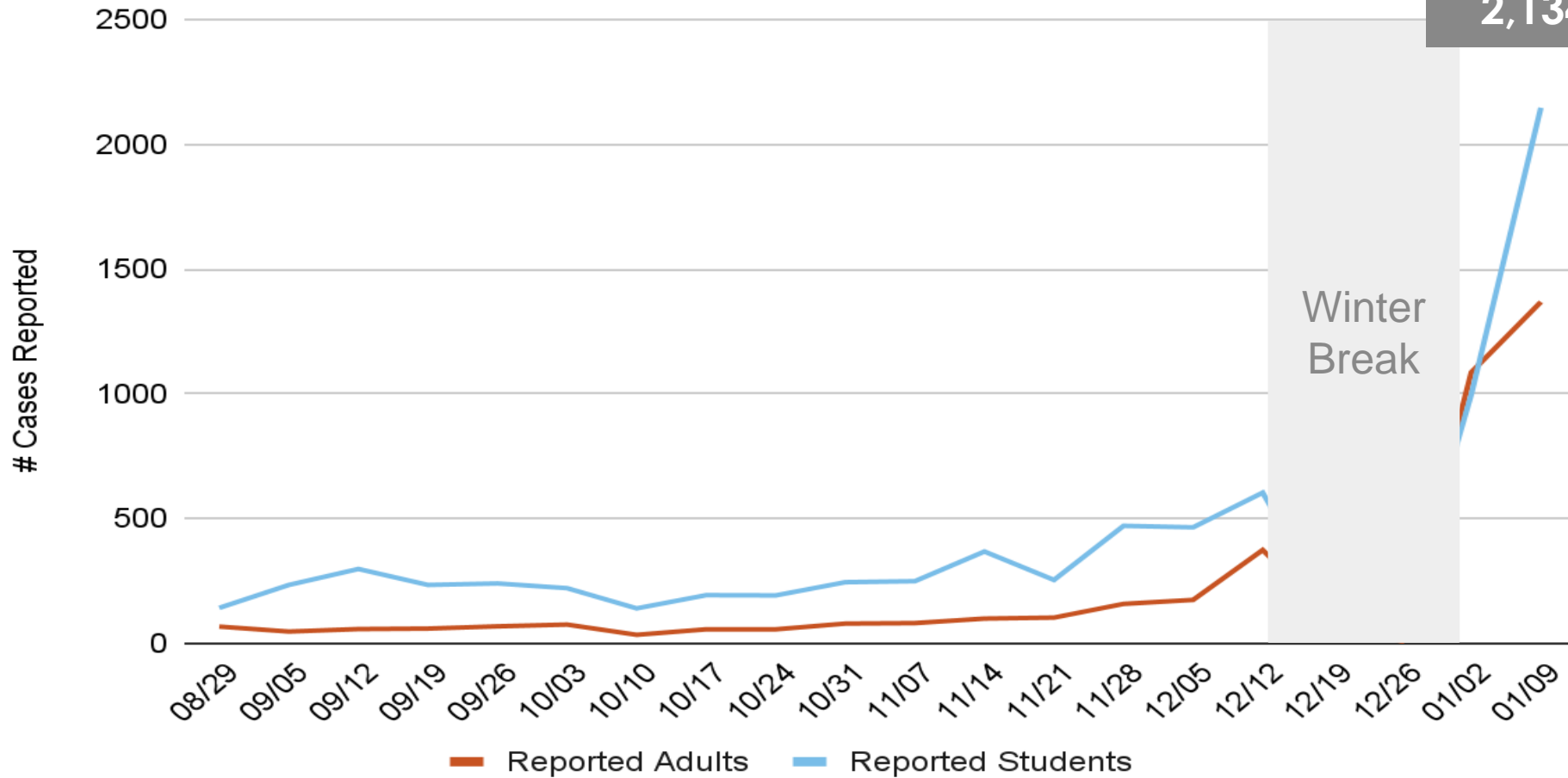
Total Cases 1/9-1/15

Students

2,134

Staff

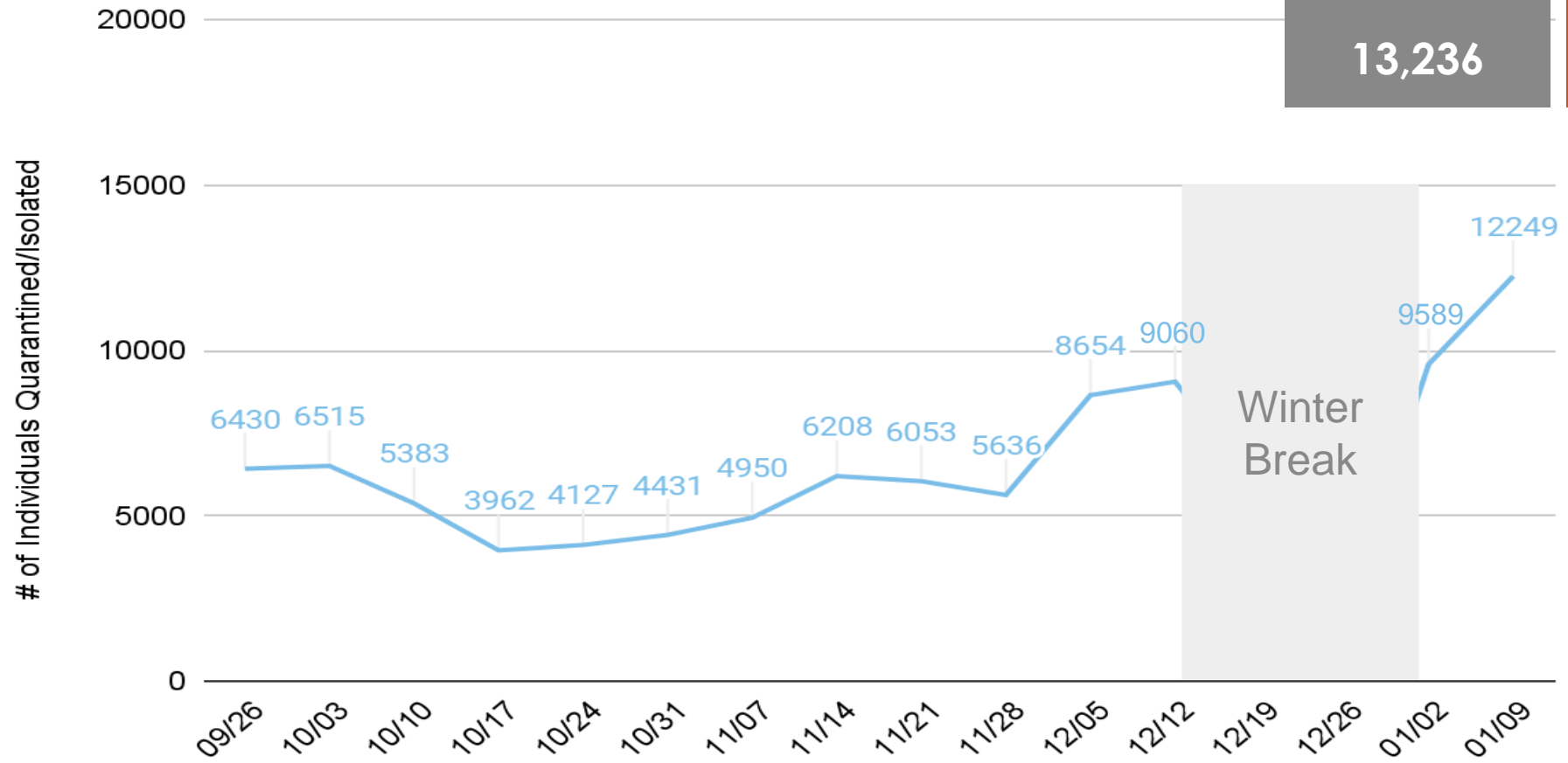
1,353



# Weekly Average of Individuals Quarantined/Isolated

Sept. 26, 2021 - Jan. 15, 2022

Currently Quarantined/Isolated	
Students	Staff
13,236	1,117



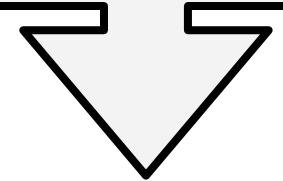


## Key Strategies for COVID Mitigation on the Rise...

- Expand Testing Consents and Capacity
- Increase Number of Students Vaccinated
- Continue Investments in PPE and Mitigation Strategies

## ...While COVID Data Metrics are Stabilizing

- Cases
- Hospitalizations
- Deaths



# Strategy #1: Expand Testing Consents and Capacity

## Progress Made:

- Testing consents have doubled from 40,000 to 80,000 since December
- Testing program administered 17,000+ tests yesterday, 36,000+ tests during 3 days last week
- Screening testing offered to all staff week of Jan. 10 - Jan. 14

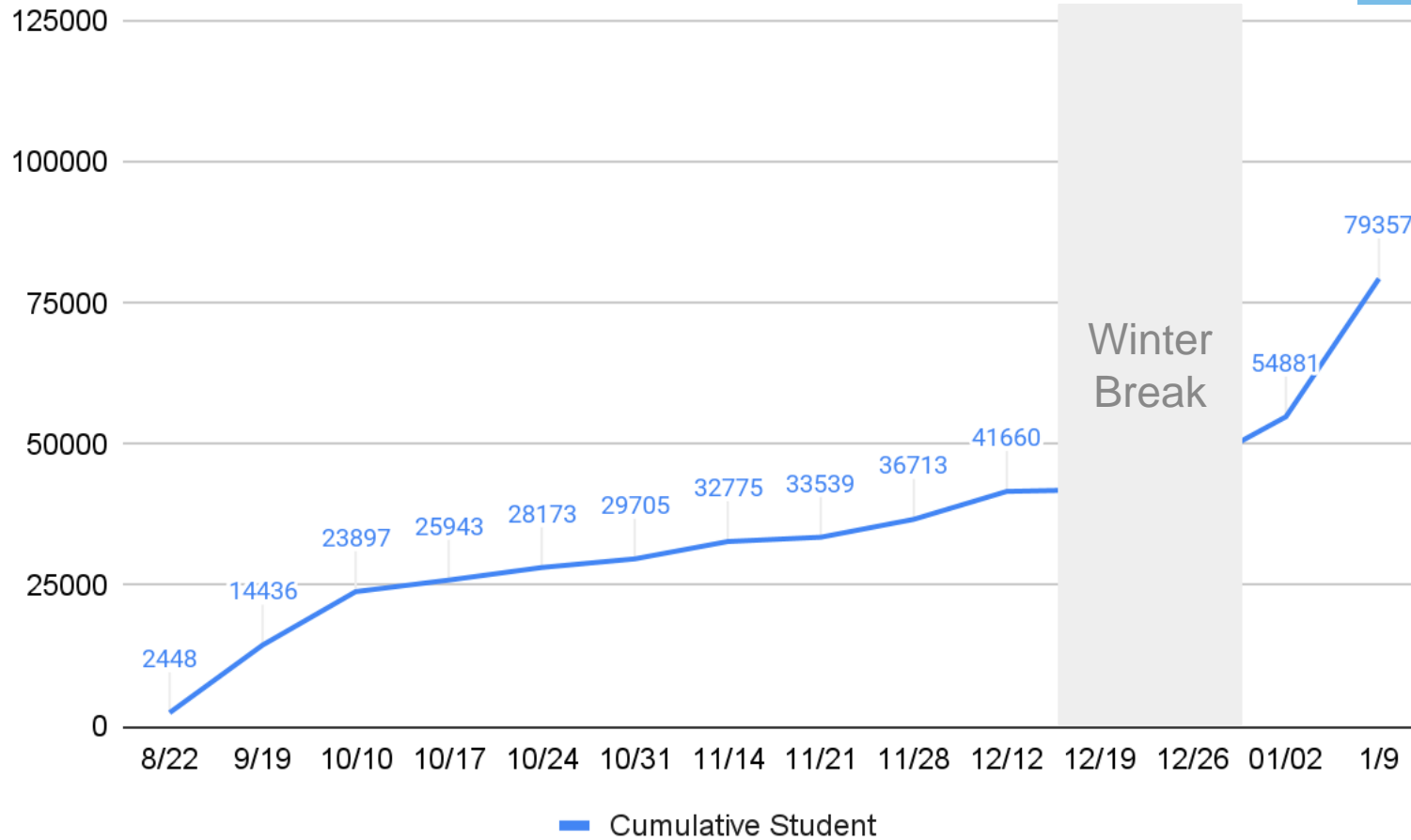
## Next Steps:

- CPS/CTU partnership to increase student participation in testing and testing capacity
  - Paid opportunities for staff members, including school nurses, to administer tests
    - Training happening this week
  - Additional staffing from testing vendor to support testing
  - Paid opportunities for staff members to contact families to increase test consents
- Make consent process easier by partnering with schools, offering more languages
- For schools that were testing at a level below 10% of students in December 2021, CPS will make available sufficient testing resources to test at least 10% of consented students each week at each school.

# Individuals Registered for Testing

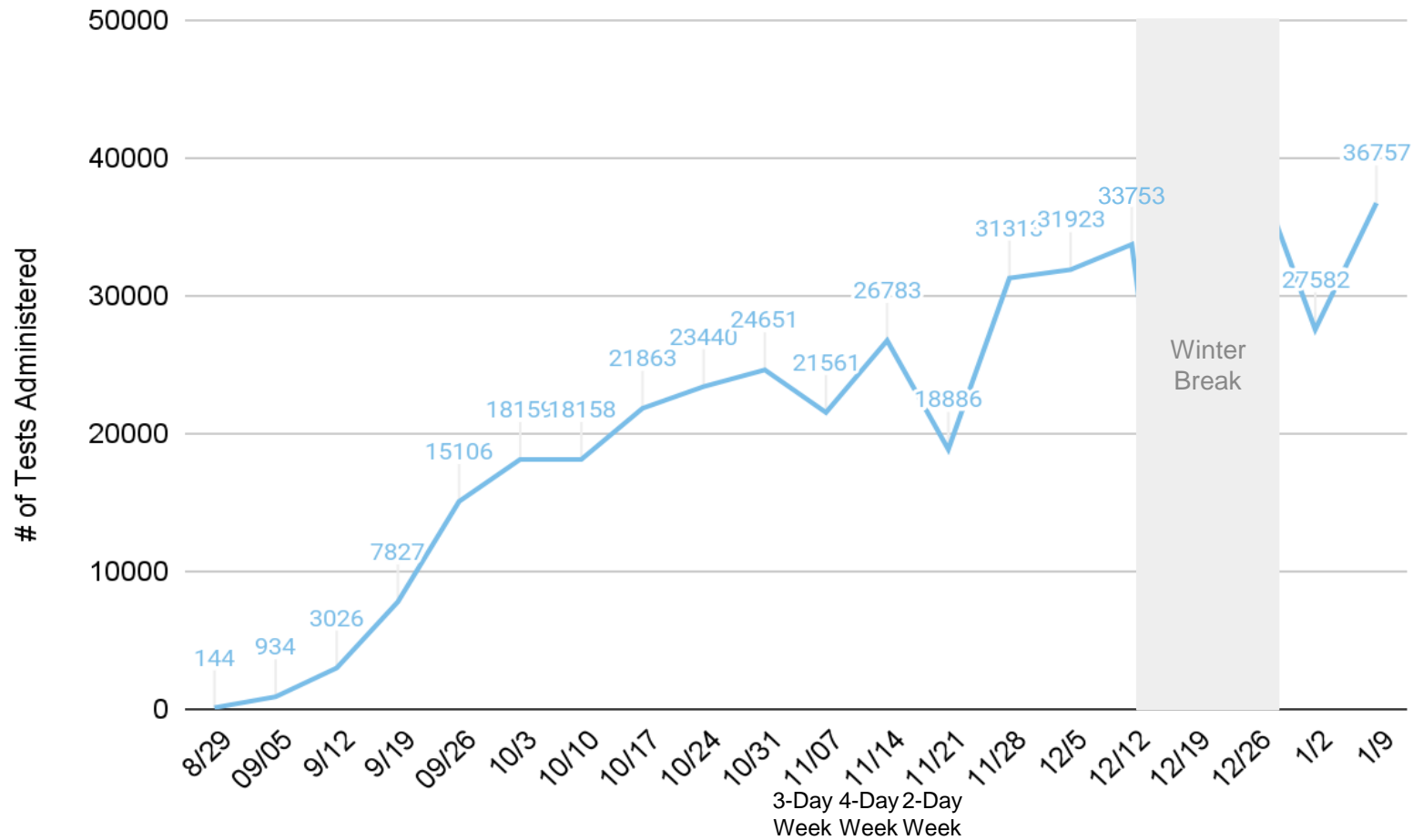
Aug. 22, 2021 - Jan. 15, 2022

Students Registered for Testing  
**82,783**



# Number of Tests Administered

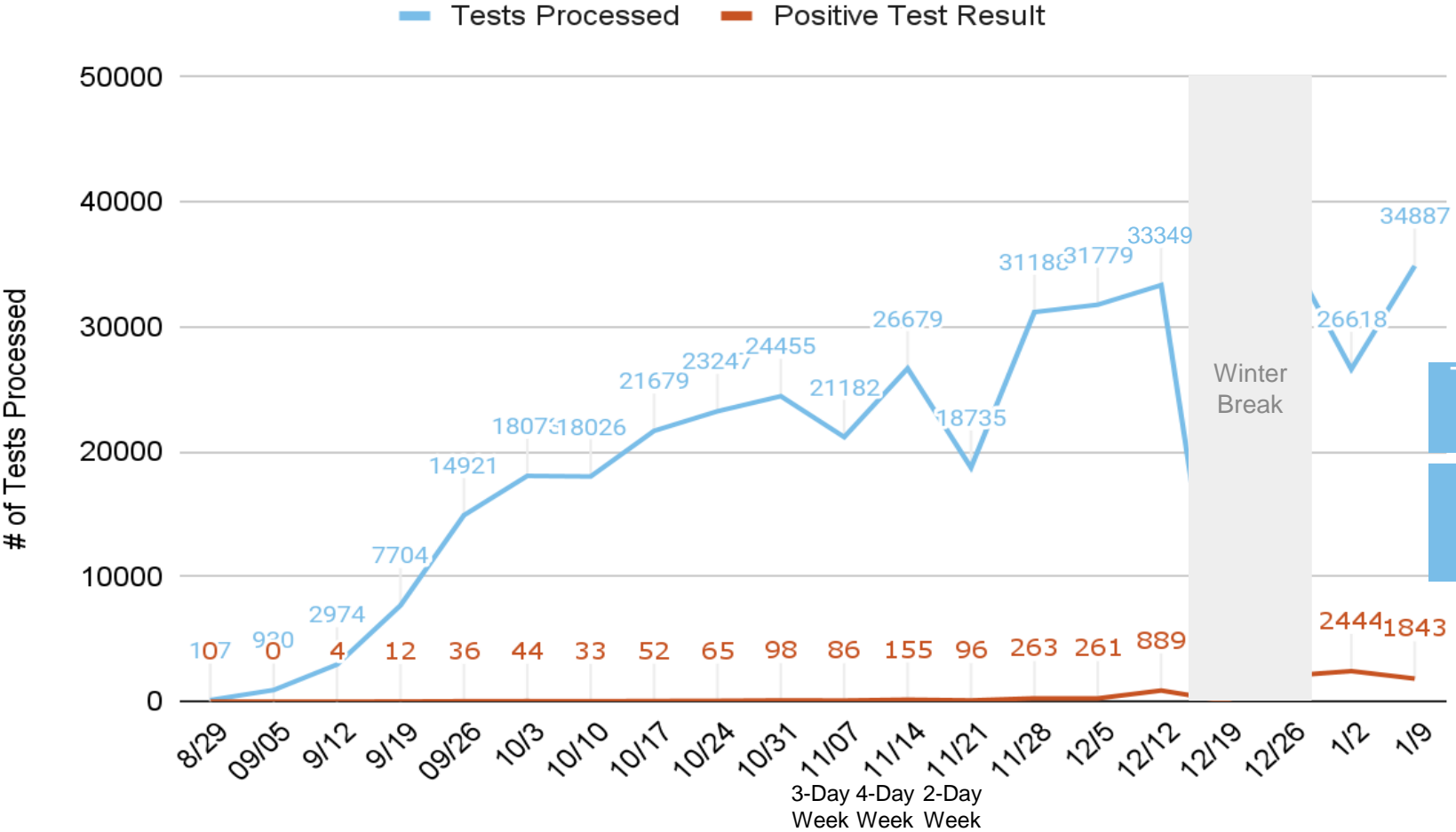
Aug. 29, 2021 - Jan. 15, 2022



**Total Tests Administered**  
**420,557**

# Weekly Number of COVID Tests Completed vs. Positive Tests

Aug. 29, 2021 - Jan. 15, 2022



Test Positivity Rate  
1/9-1/15

**5.41%**



## Strategy #2: Increase Number of Students Vaccinated

### Progress Made:

- Over 550 vaccine events by CPS since July, close to 20 per week on average
  - Over 12,000 patient interactions across all events
- Over 90% of staff vaccinated
- Majority of students aged 12 and up vaccinated
- One in three students aged 5-11 have had at least one dose

### Next Steps:

- Paid opportunities for staff members to contact families for vaccination
- Increase engagement with students and families to drive up vaccination rates, including boosters among eligible students
- Dozens of CPS vaccine events every week
- Partnering with CDPH on vaccine events, including weekend events at City Colleges

# CPS Staff & Student Vaccination Status

**90.5%**

of CPS staff are fully vaccinated

**53.1%**

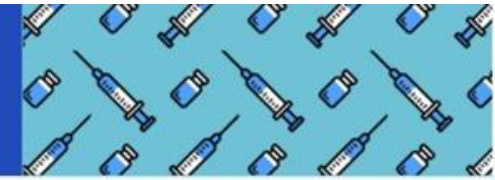
of CPS students ages 12 and up have been fully vaccinated

**32.8%**

of CPS students ages 5 - 11 have received at least one dose of the vaccine

Category	Number of Students
Fully Vaccinated	111,653
At Least One Dose	146,524

# Upcoming CPS Vaccination Opportunities: Wednesday, January 19, through Monday, January 24



**\*\*\*TO RESERVE YOUR VACCINE DOSE, MAKE AN APPOINTMENT AT [CPS.EDU/VACCINATIONS](https://cps.edu/vaccinations)\*\*\***

	Regional Clinics	Mobile Vaccine Events				
<b>Wednesday, January 19:</b>	<b>Roosevelt High School</b> 3436 W Wilson Ave 9:00 a.m. - 1:00 p.m.	<b>Bradwell Elementary</b> 7736 S Burnham Ave 10:00 a.m. - 1:00 p.m.	<b>Higgins Elementary</b> 11710 S Morgan Ave 10:00 a.m. - 1:00 p.m.	<b>Morrill Elementary</b> 6011 S Rockwell St 10:00 a.m. - 1:00 p.m.	<b>Turner Drew Elementary</b> 9300 S Princeton Ave 10:00 a.m. - 1:00 p.m.	
<b>Thursday, January 20:</b>	<b>Clark High School</b> 5101 W Harrison St 9:00 a.m. - 1:00 p.m.	<b>Gray Elementary</b> 3730 N Laramie Ave 10:00 a.m. - 1:00 p.m.	<b>Kipling Elementary</b> 9351 S Lowe Ave 10:00 a.m. - 1:00 p.m.	<b>Owens Elementary</b> 12302 S State St 10:00 a.m. - 1:00 p.m.	<b>Park Manor Elementary</b> 7037 S Rhodes Ave 10:00 a.m. - 1:00 p.m.	<b>Sumner Elementary</b> 4320 W 5th Ave 10:00 a.m. - 1:00 p.m.
<b>Friday, January 21:</b>	<b>Richards High School</b> 5009 S Laffin St 9:00 a.m. - 1:00 p.m.	<b>Dett Elementary</b> 2131 W Monroe St 10:00 a.m. - 1:00 p.m.	<b>Durkin Park Elementary</b> 8445 S Kolin Ave 10:00 a.m. - 1:00 p.m.	<b>Gregory Elementary</b> 3715 W Polk St 10:00 a.m. - 1:00 p.m.	<b>Nightingale Elementary</b> 5250 S Rockwell St 10:00 a.m. - 1:00 p.m.	<b>Sadlowski Elementary</b> 3930 E 105th St 10:00 a.m. - 1:00 p.m.
<b>Monday, January 24:</b>		<b>Cameron Elementary</b> 1234 N Monticello Ave 10:00 a.m. - 1:00 p.m.	<b>Clinton Elementary</b> 6110 N Fairfield Ave 10:00 a.m. - 1:00 p.m.	<b>Ellington Elementary</b> 243 N Parkside Ave 10:00 a.m. - 1:00 p.m.	<b>Reinberg Elementary</b> 3425 N Major Ave 10:00 a.m. - 1:00 p.m.	<b>Carnegie Elementary</b> 1414 E 61st Pl 3:00 p.m. - 5:00 p.m.

Additionally, CPS offers vaccination opportunities at 24 school-based health centers by appointment only.  
Visit [schoolinfo.cps.edu/covidvaccinationsites](https://schoolinfo.cps.edu/covidvaccinationsites) for more information.

## Strategy #3: Continue Investments in PPE and Mitigation Strategies

### Progress Made:

- \$100 million for:
  - Ventilation systems and air filters to check air quality in every classroom
  - Free high-quality masks
  - Enhanced cleaning of schools
  - Additional staffing (contact tracing, care rooms, etc.)

### Next Steps:

- 1.2 million KN95 masks ordered and to be distributed by end of January
  - 4 million to be ordered and distributed by end of February
- Additional investments in air filtration
- School Safety Committees may vote to bring back Health Screener
- New metrics for transitioning entire school to remote learning
- New CPS Tactical Team in place to support individual schools dealing with surge
- Expanding paid opportunities for staff members to help with contact tracing

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