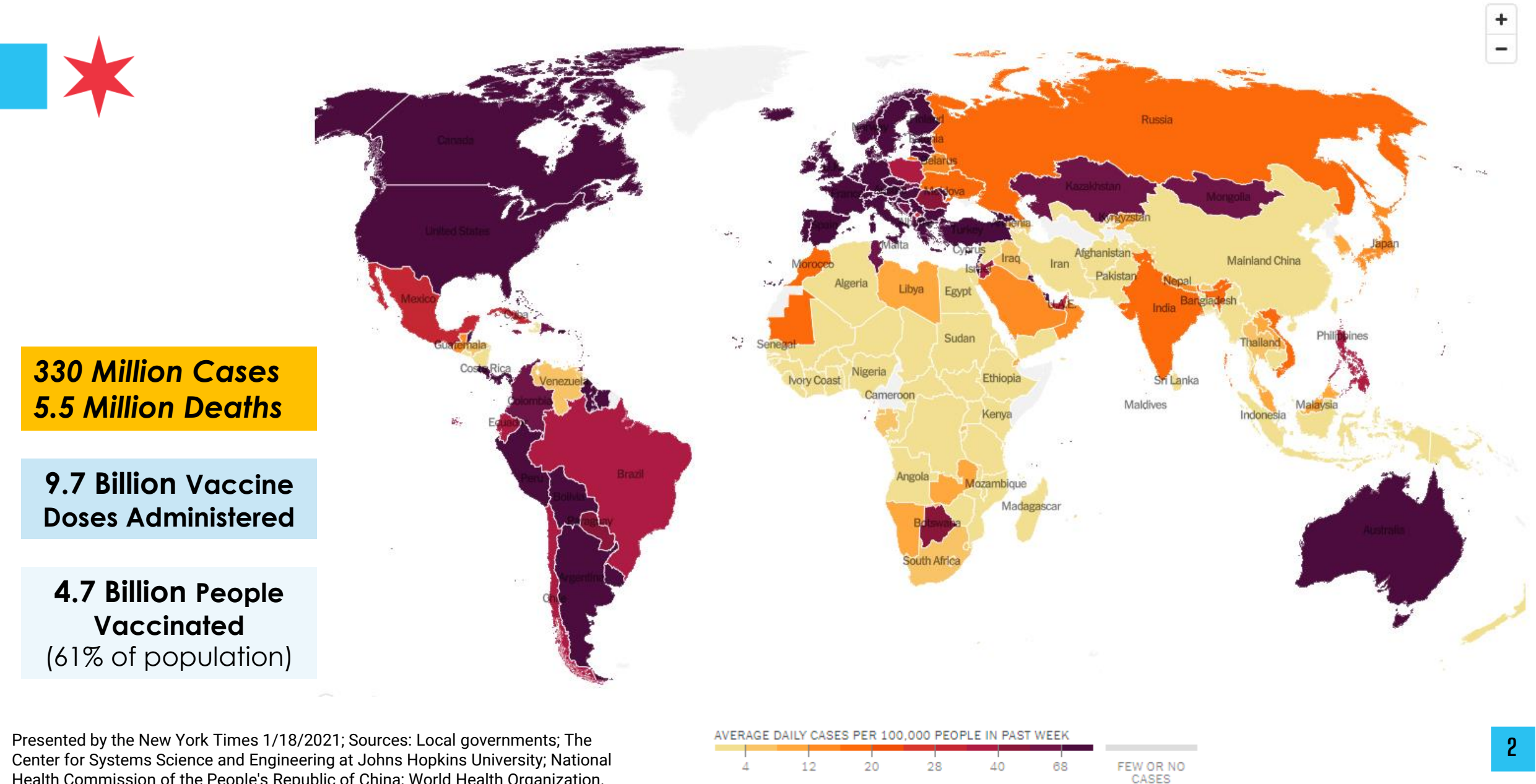


Ask Dr. Arwady

1/18/2022

Average daily COVID-19 cases per 100,000 population

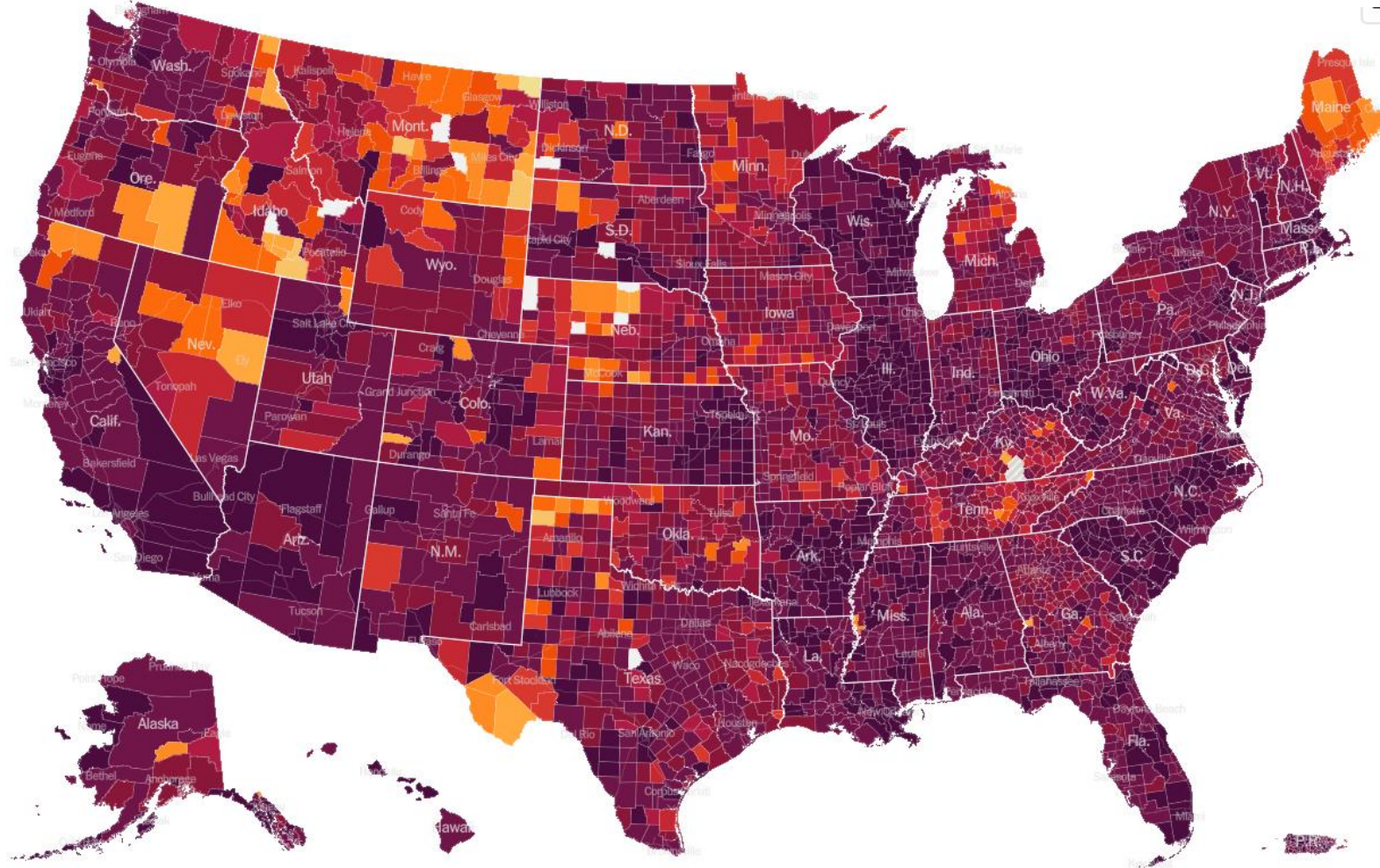
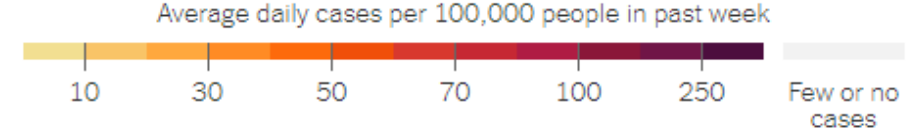


Presented by the New York Times 1/18/2021; Sources: Local governments; The Center for Systems Science and Engineering at Johns Hopkins University; National Health Commission of the People's Republic of China; World Health Organization.

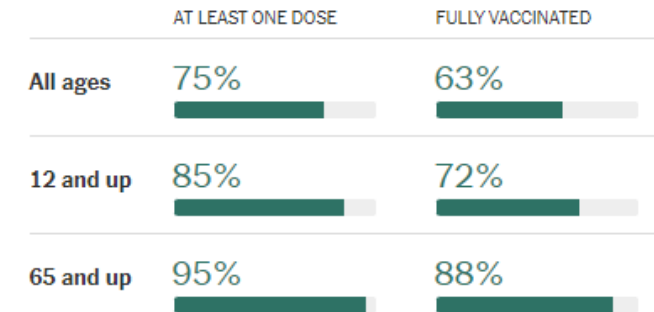
Average daily COVID-19 cases per 100,000 population



66 Million Cumulative Cases
850,750 Cumulative Deaths



Vaccinations



National currently:

238 diagnosed daily cases per 100,000 people

Illinois currently:

233 diagnosed daily cases per 100,000 people

Chicago currently:

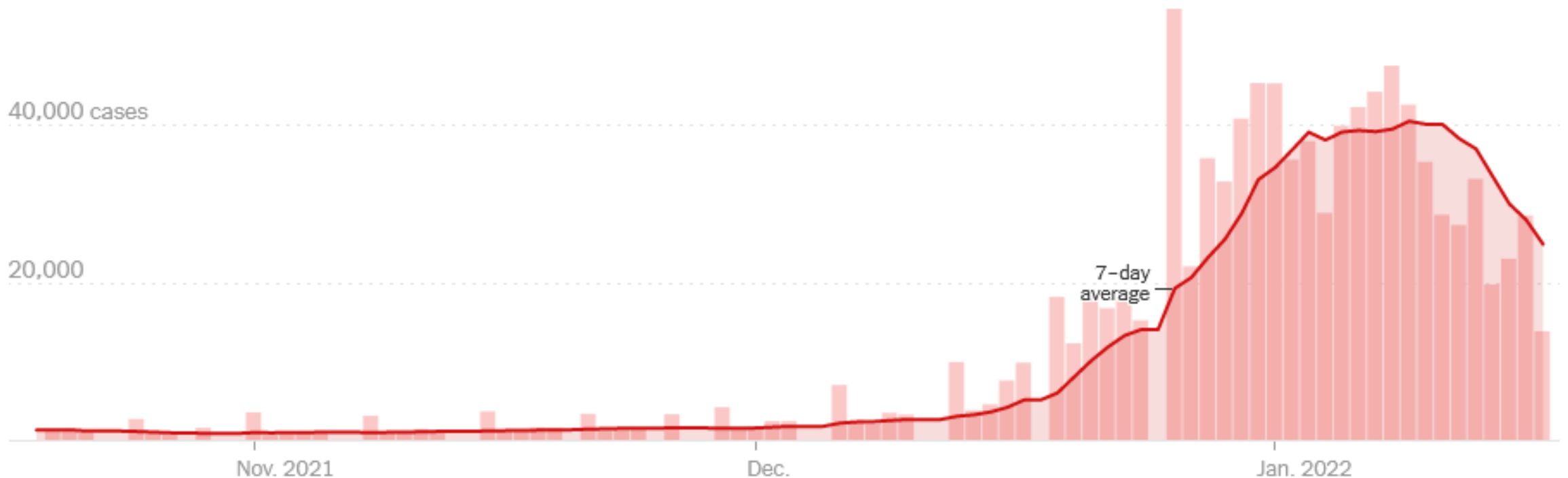
162 diagnosed daily cases per 100,000 people



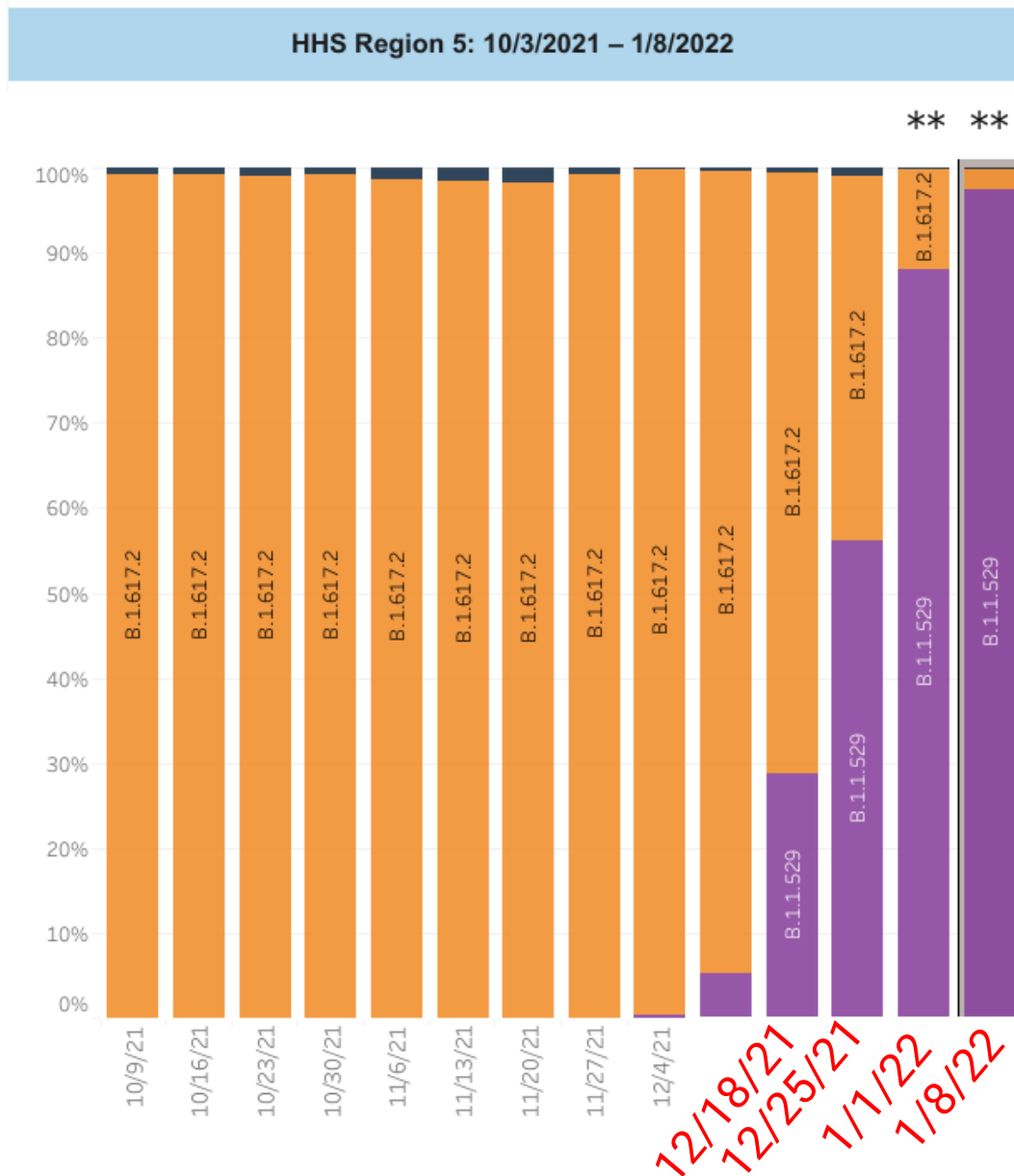
New York City: Similar to Chicago, beginning to see decrease in COVID-19 cases

New reported cases by day

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



SARS-CoV-2 Variant Surveillance, Midwest Region



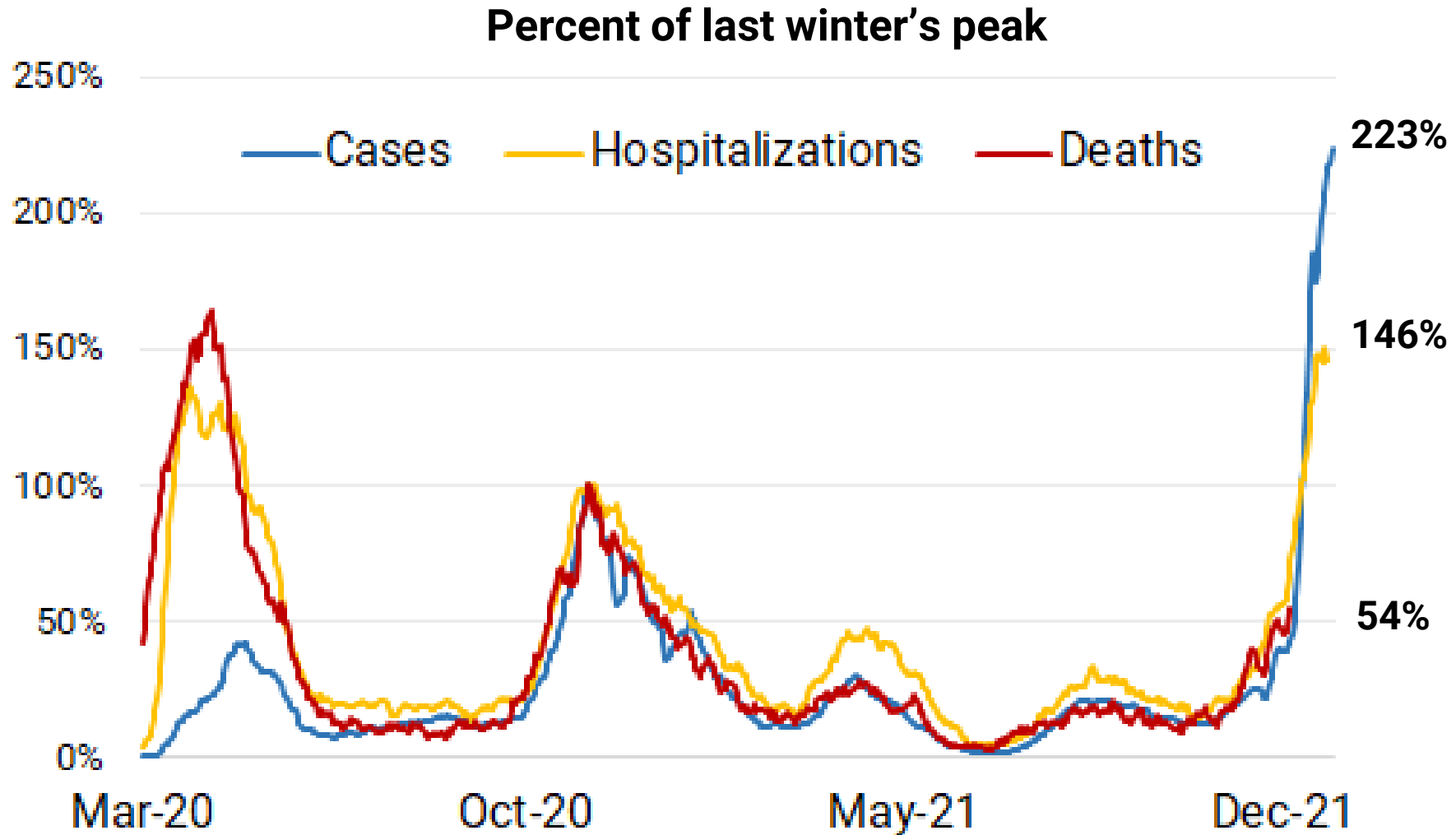
Omicron (97.4%)

Delta (2.6%)

Other (0.0%)

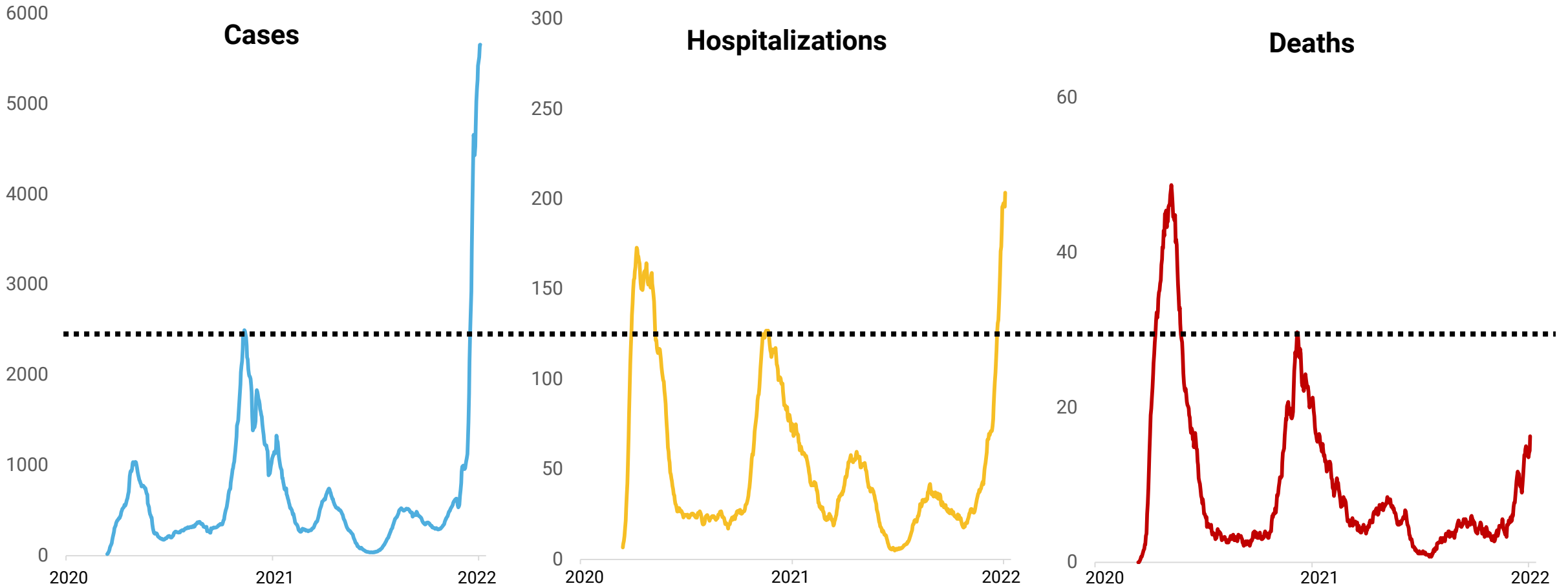
What's different with Omicron? Chicago picture

Dramatic increase in less severe cases, rising hospitalizations in unvaccinated



What's different with Omicron?

Dramatic increase in less severe cases, rising hospitalizations in unvaccinated



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+ Current: 4,378 Decreasing	400 – 799	200 – 399	20 – 199	≤20
COVID-19 TEST POSITIVITY Chicago residents - 7-day rolling daily average	10%+ Current: 17.4% Decreasing	6.6 – 9.9%	5.0 – 6.5%	2 – 4.9%	≤2%
HOSPITAL BEDS (NON-ICU) OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average	1250+ Current: 1,495 Decreasing	750 – 1249	250 – 749	100 – 249	≤100
ICU BEDS OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average	400+	300 – 399 Current: 306 Decreasing	100 – 299	20 – 99	≤20



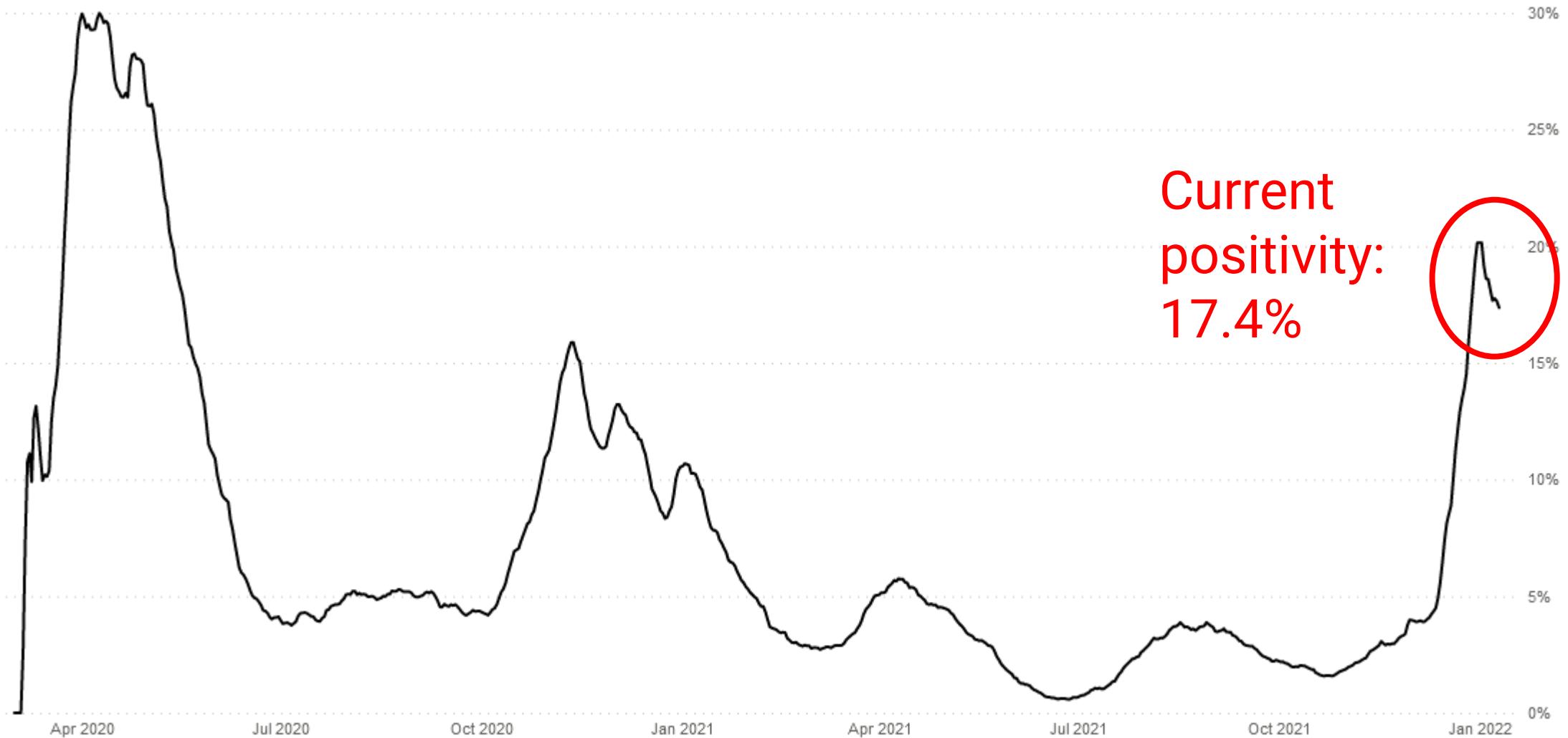
Chicago: COVID-19 case rate remains
extremely high, though cautiously optimistic
we have seen our peak

Highest daily total
1/4: 8,230

Current
average case
rate: 4,378



Chicago: COVID-19 test positivity remains very high; signs of early decline, cautiously optimistic



Current
positivity:
17.4%

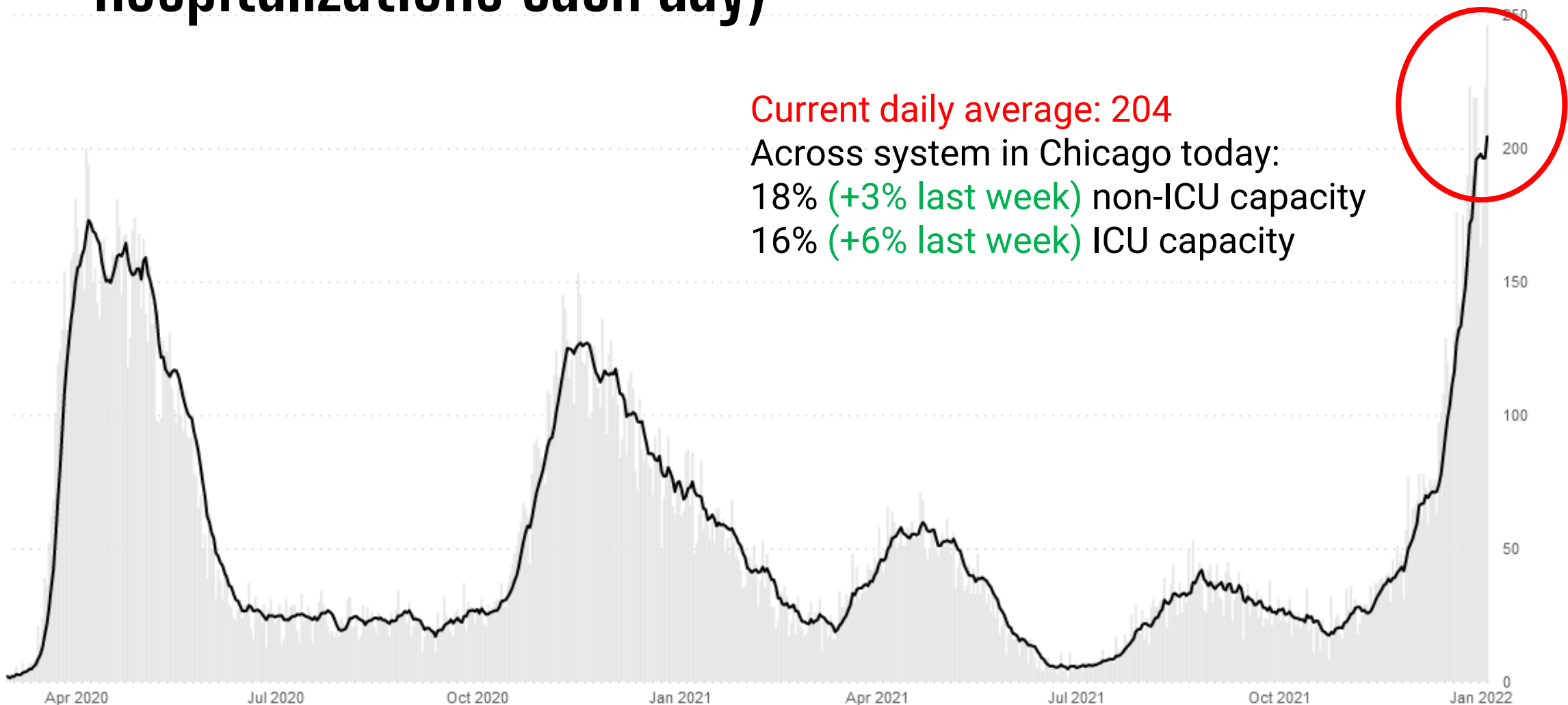




Chicago: COVID-19 Hospitalizations (new hospitalizations each day)

Current daily average: 204

Across system in Chicago today:
18% (+3% last week) non-ICU capacity
16% (+6% last week) ICU capacity



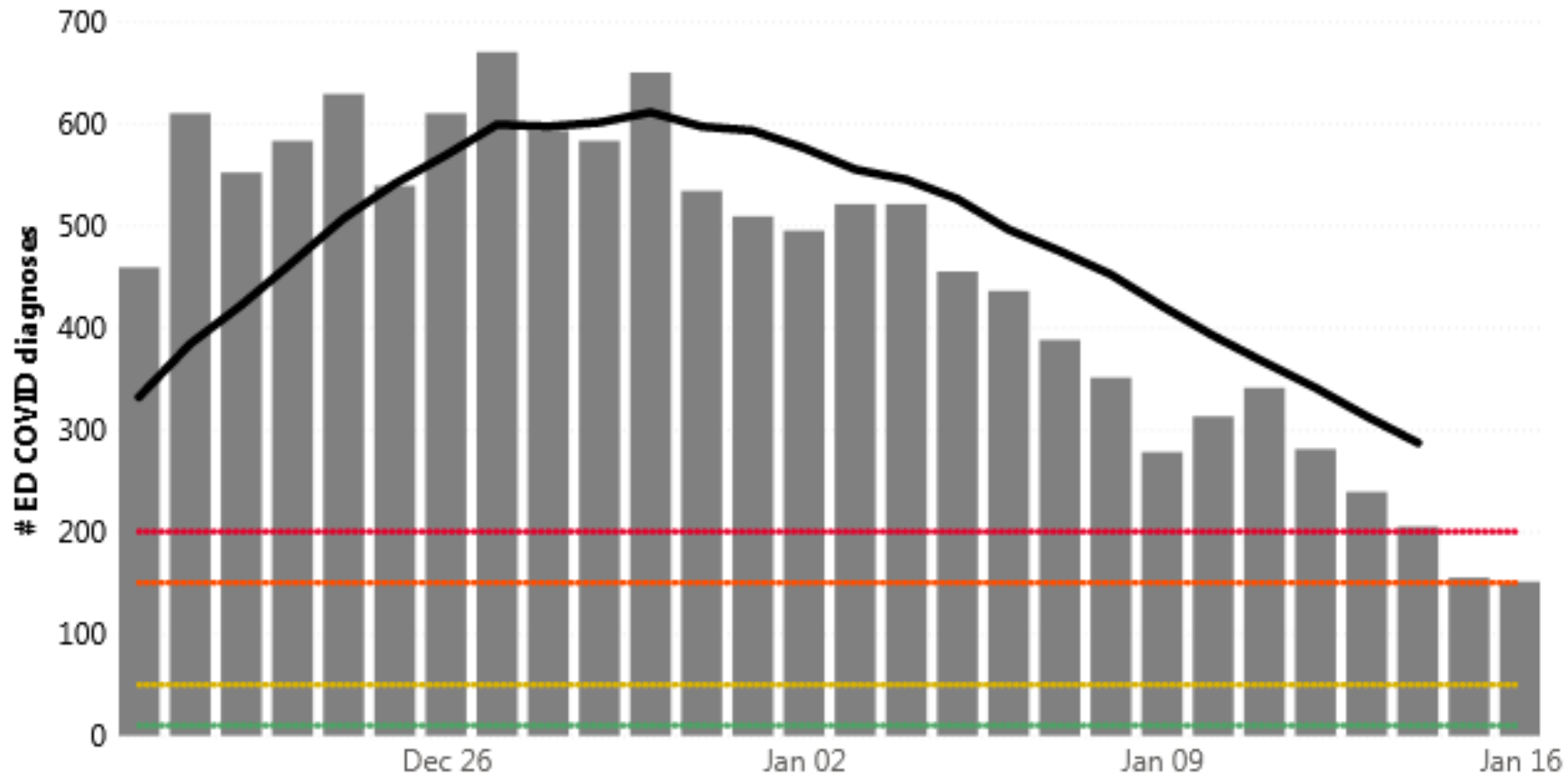


Emergency Department COVID diagnoses clearly decreasing

Current: Very High Transmission

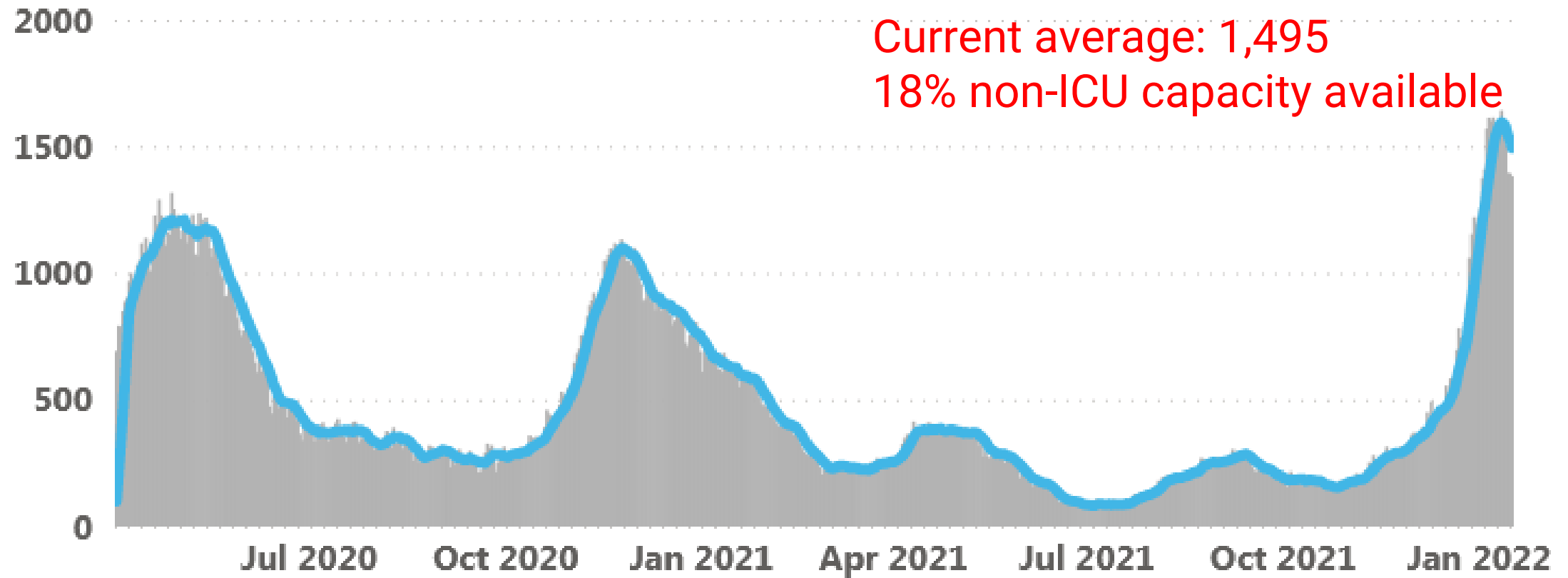
Emergency Department visits with COVID diagnoses

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



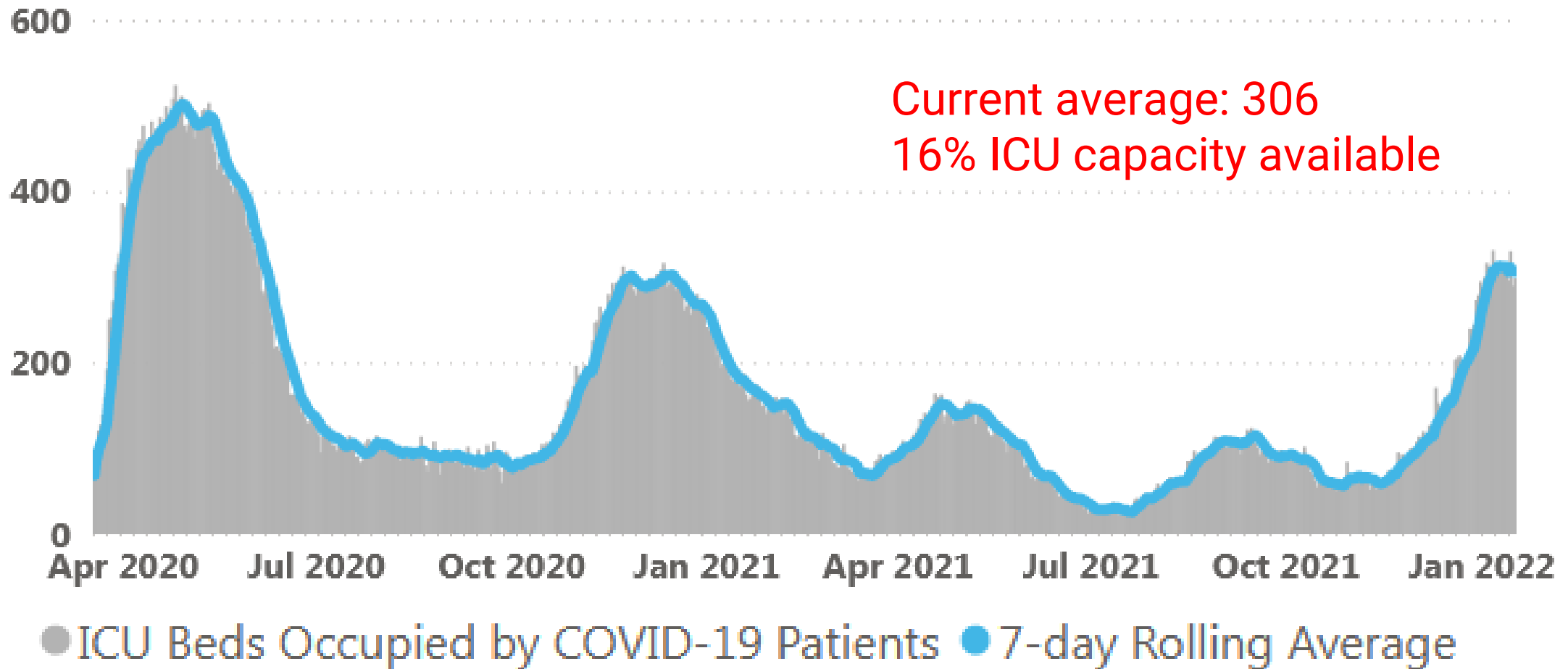
Chicago: Non-ICU Hospital Beds occupied by COVID-19 patients

★ at **highest** *census* since the beginning of the pandemic

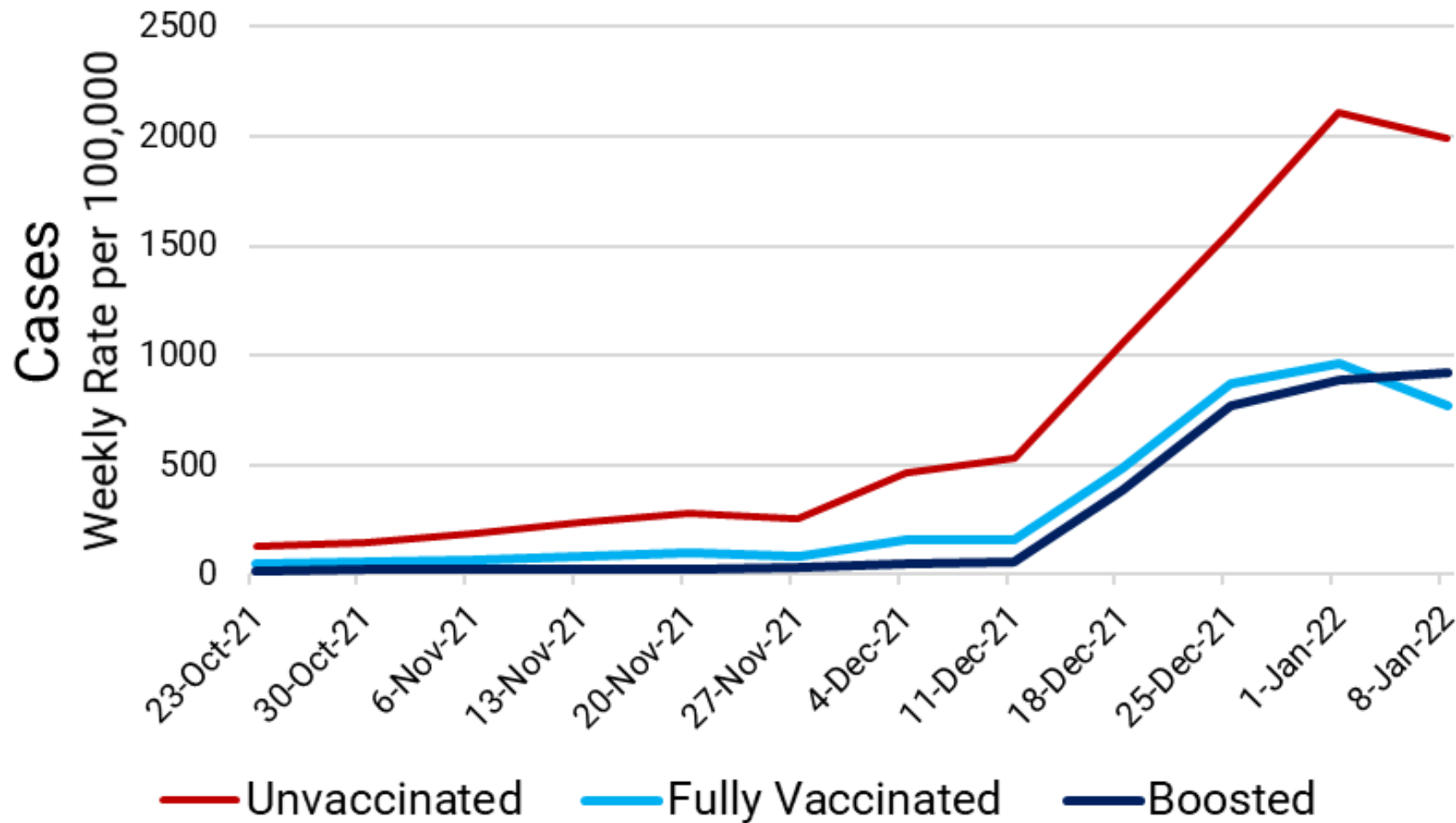


● Acute Non-ICU Beds Occupied by COVID-19 Patients ● 7-day Rolling Average

★ Chicago: ICU Hospital Beds occupied by COVID-19 patients at **highest** *census* since December 2020



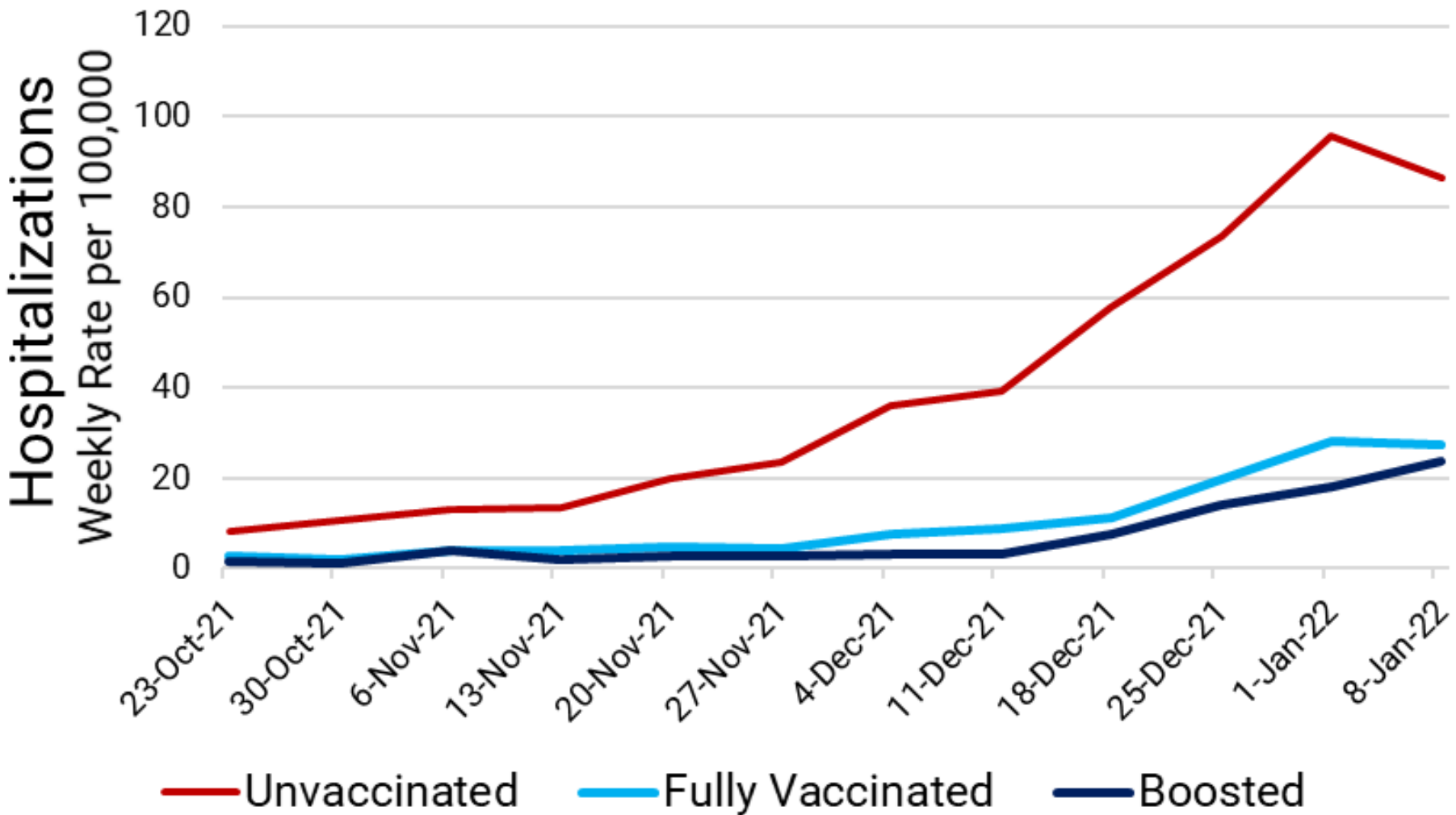
Vaccine still highly protective against *infection*, though Omicron variant is showing ability to evade immunity



Notes:

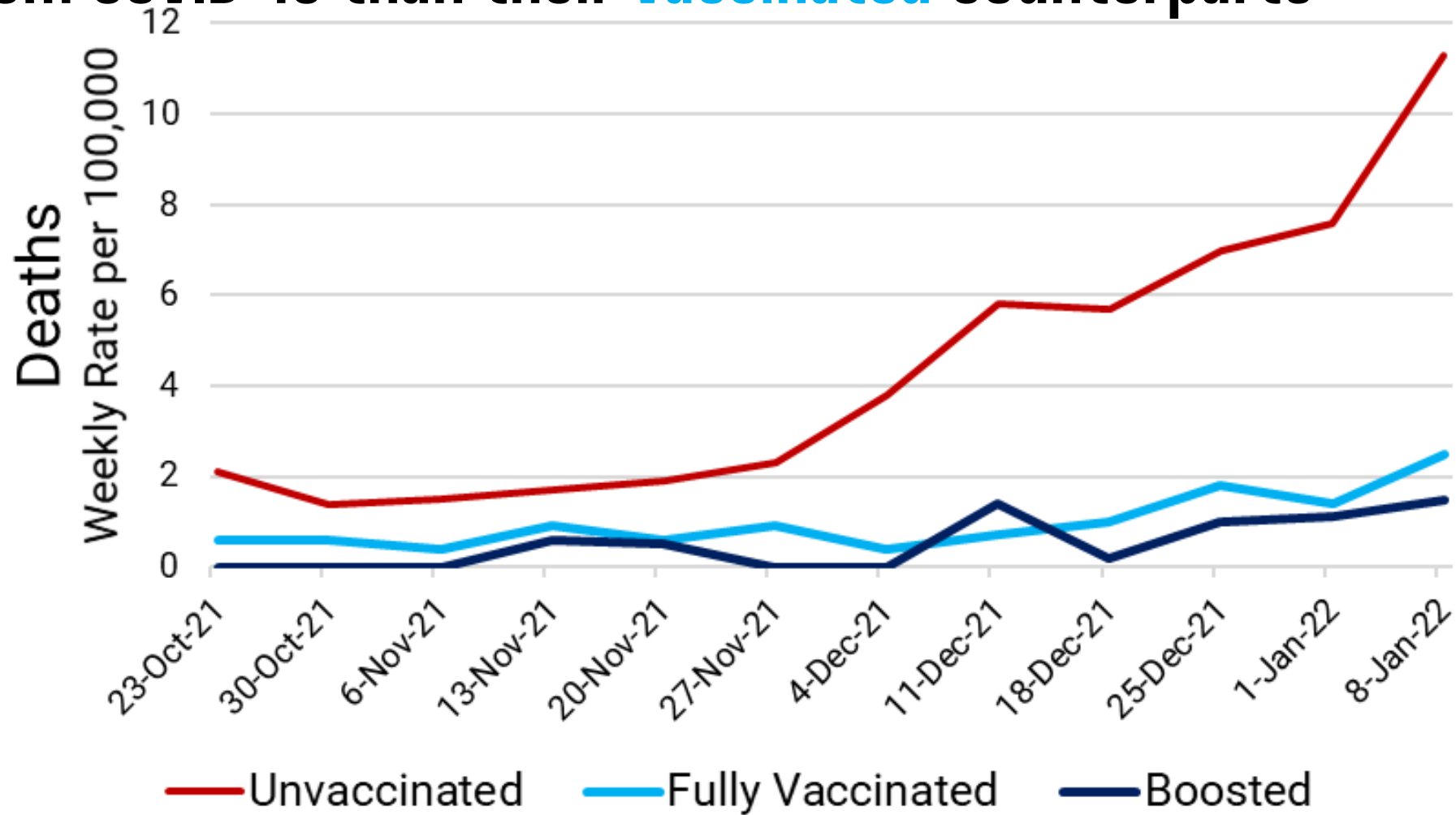
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 10/17/2021-1/8/2022, pulled 1/12/2022. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry. Fully 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). Boosted defined as fully vaccinated with an additional or booster dose of any COVID-19 vaccine received at least 14 days prior to positive test. 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. Data are graphed starting the week CDC expanded booster dose eligibility and recommendations.

Vaccinated individuals are much less likely to be *hospitalized*, and an **additional/booster dose** clearly provides added protection



Notes:
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of hospital admission 10/17/2021-1/8/2022, pulled 1/12/2021. 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). Boosted defined as fully vaccinated with an additional or booster dose of any COVID-19 vaccine received at least 14 days prior to positive test. 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. Data are graphed starting the week CDC expanded booster dose eligibility and recommendations.

Unvaccinated Chicago residents are much more likely to die from COVID-19 than their vaccinated counterparts

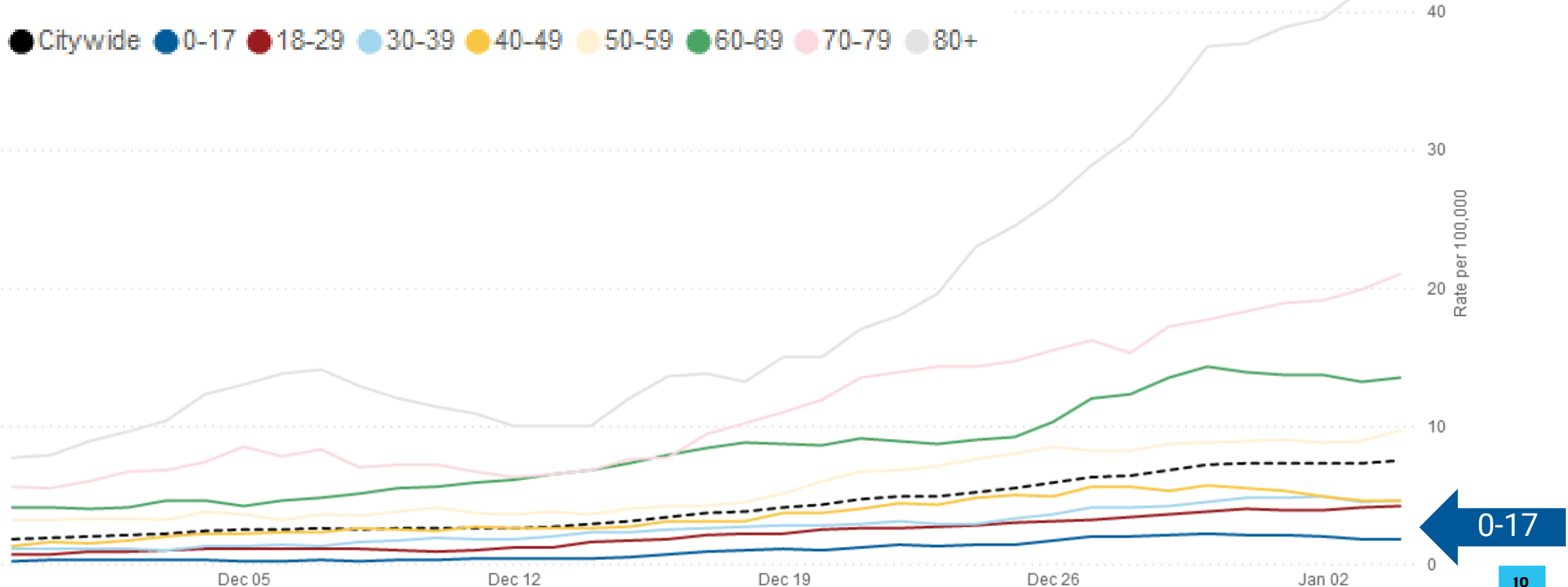


Notes:

Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of death 10/17/2021-1/8/2021, pulled 12/22/2021. 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). Boosted defined as fully vaccinated with an additional or booster dose of any COVID-19 vaccine received at least 14 days prior to positive test. 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. Data are graphed starting the week CDC expanded booster dose eligibility and recommendations.



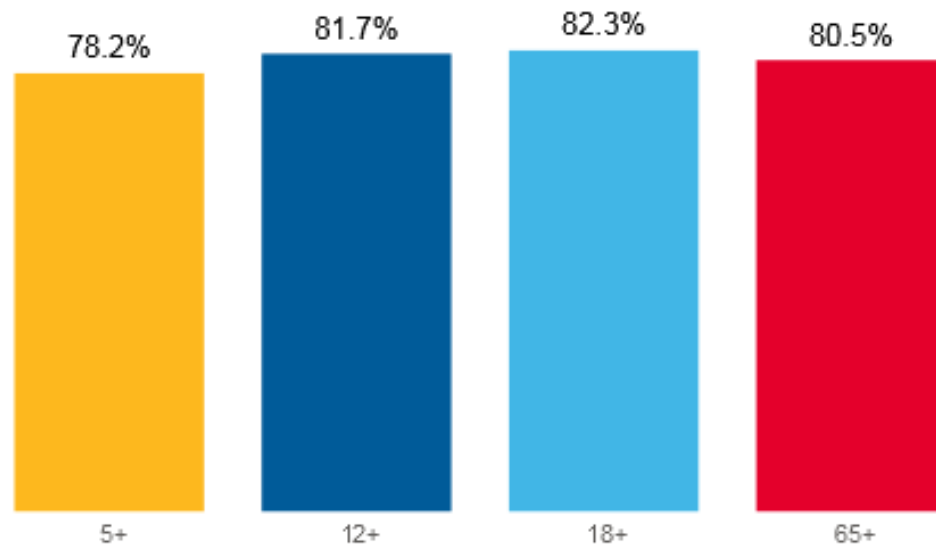
Chicago: COVID-19 Hospitalizations remain low overall among children 0-17 y/o. Child COVID hospitalizations have overwhelmingly been seen in unvaccinated children.



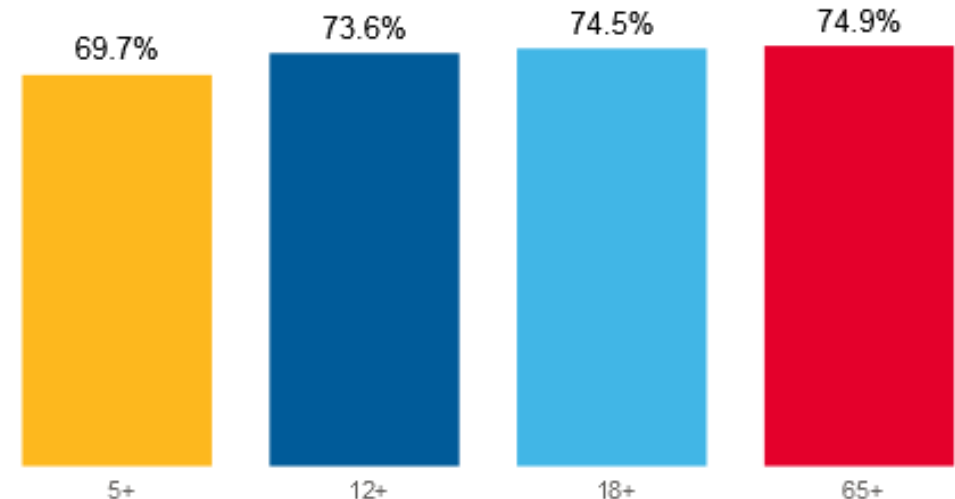
Vaccination rates continue to increase in Chicago.

★ 78% of eligible Chicagoans (5+) have received at least one dose of a COVID vaccine

At least one dose (% vaccinated as of 1/13/2022)



Completed vaccine series (% vaccinated as of 1/13/2022)

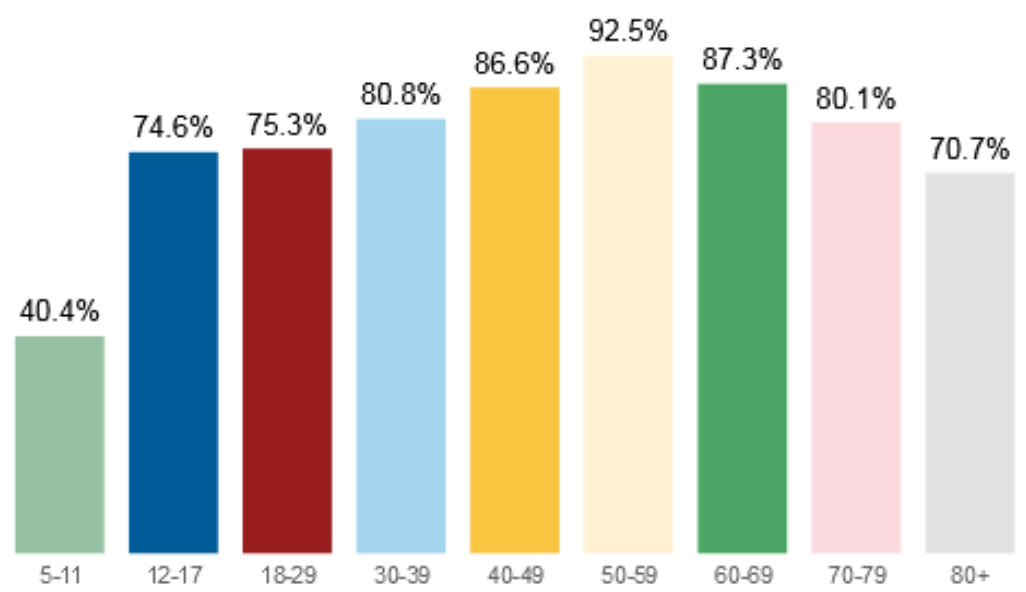


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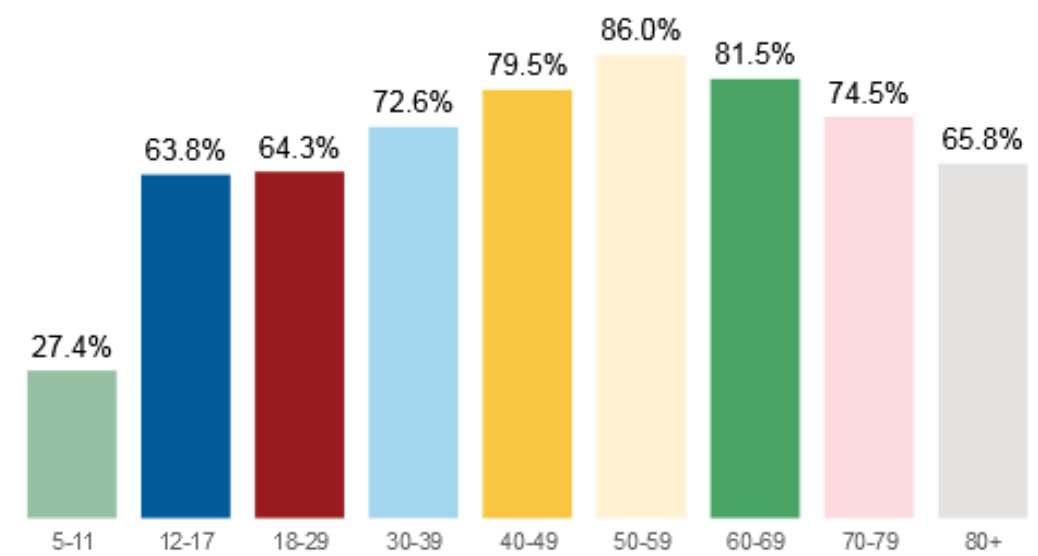
Chicago: Vaccination rates by age continue to increase and above national average in children and adolescents

At least one dose (% vaccinated as of 1/13/2022)



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 1/13/2022)



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

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Booster Shot Recommendations

Federal updates last week:

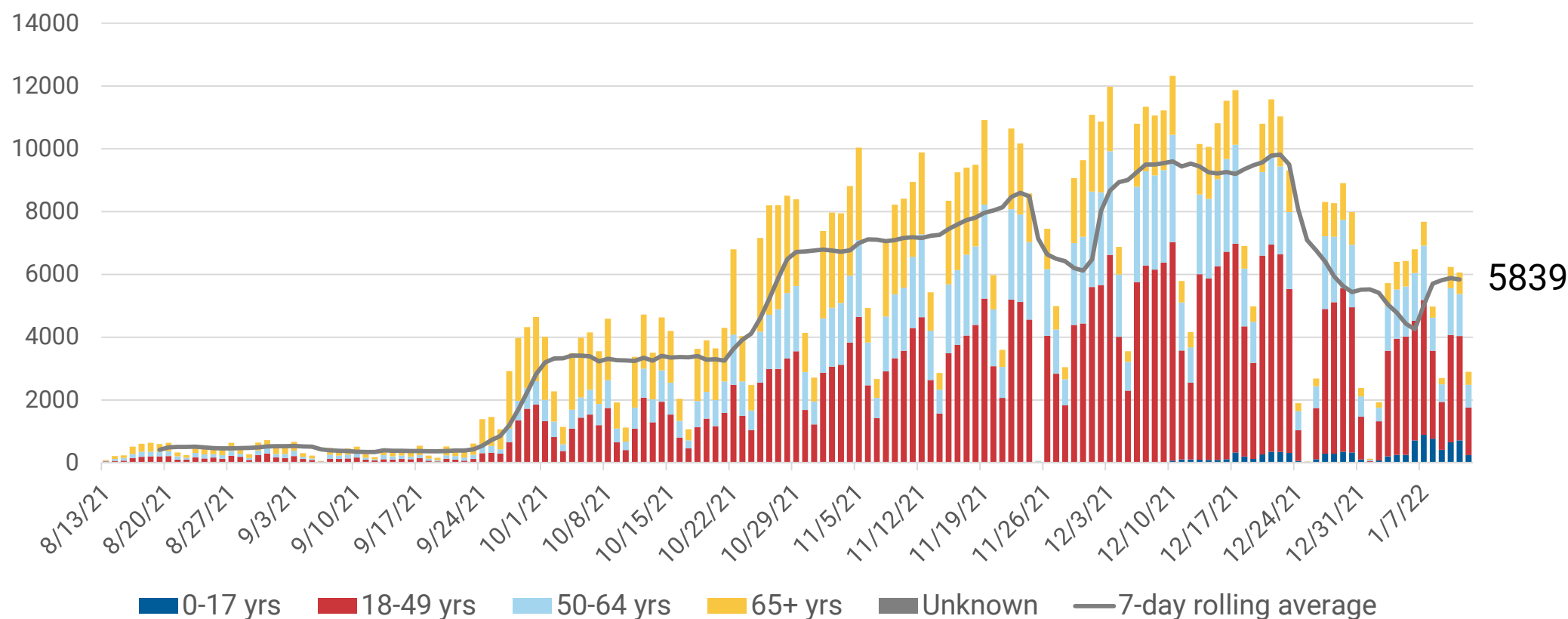
- Interval between completion of mRNA (Pfizer, Moderna) primary series and booster shortened from **6 to 5 months**
- Booster eligibility expanded to children **12-15 years**
- Booster guidelines strengthened to affirmatively recommend children 12-17 years **should** receive a booster dose

IF YOU RECEIVED Pfizer-BioNTech	Who should get a booster: <ul style="list-style-type: none">• Everyone 12 years and older	When to get a booster: <ul style="list-style-type: none">• At least 5 months after completing your primary COVID-19 vaccination series	Which booster can you get: <ul style="list-style-type: none">• Pfizer-BioNTech or Moderna (mRNA COVID-19 vaccines) are preferred in most* situations• Teens 12-17 years old may only get a Pfizer-BioNTech COVID-19 vaccine booster
IF YOU RECEIVED Moderna	Who should get a booster: <ul style="list-style-type: none">• Adults 18 years and older	When to get a booster: <ul style="list-style-type: none">• At least 5 months after completing your primary COVID-19 vaccination series	Which booster can you get: <ul style="list-style-type: none">• Pfizer-BioNTech or Moderna (mRNA COVID-19 vaccines) are preferred in most* situations
IF YOU RECEIVED Johnson & Johnson's Janssen*	Who should get a booster: <ul style="list-style-type: none">• Adults 18 years and older	When to get a booster: <ul style="list-style-type: none">• At least 2 months after receiving your J&J/Janssen COVID-19 vaccination	Which booster can you get: <ul style="list-style-type: none">• Pfizer-BioNTech or Moderna (mRNA COVID-19 vaccines) are preferred in most* situations

*Although mRNA vaccines are preferred, J&J/Janssen COVID-19 vaccine [may be considered in some situations](#).



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.

What you need to know about KN95 mask

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



Vaccine Events THIS WEEKEND

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
(312) 746-4835



Biden Administration to begin distribution at-home, rapid COVID-19 tests to Americans for FREE

- Ordering process: Starting on Jan. 19 (TOMORROW), Americans will be able to order a test online at **COVIDTests.gov**
- Limit 4 tests to each residential address
- Tests will usually ship within 7-12 days of ordering; partnering with USPS
- Administration is taking steps to ensure this program reaches our hardest-hit and highest-risk communities
 - Prioritizing orders to households experiencing highest social vulnerability and in communities that have experienced a disproportionate share of COVID-19 cases and deaths
 - Launching a free call line to provide additional support
 - Working with national and local organizations to serve as navigators, raise awareness, and help people submit requests

Need a vaccine or a booster? Have questions?

visit **CHI.GOV/COVIDVAX**

or call **312-746-4835**



PROTECT
CHICAGO ★