

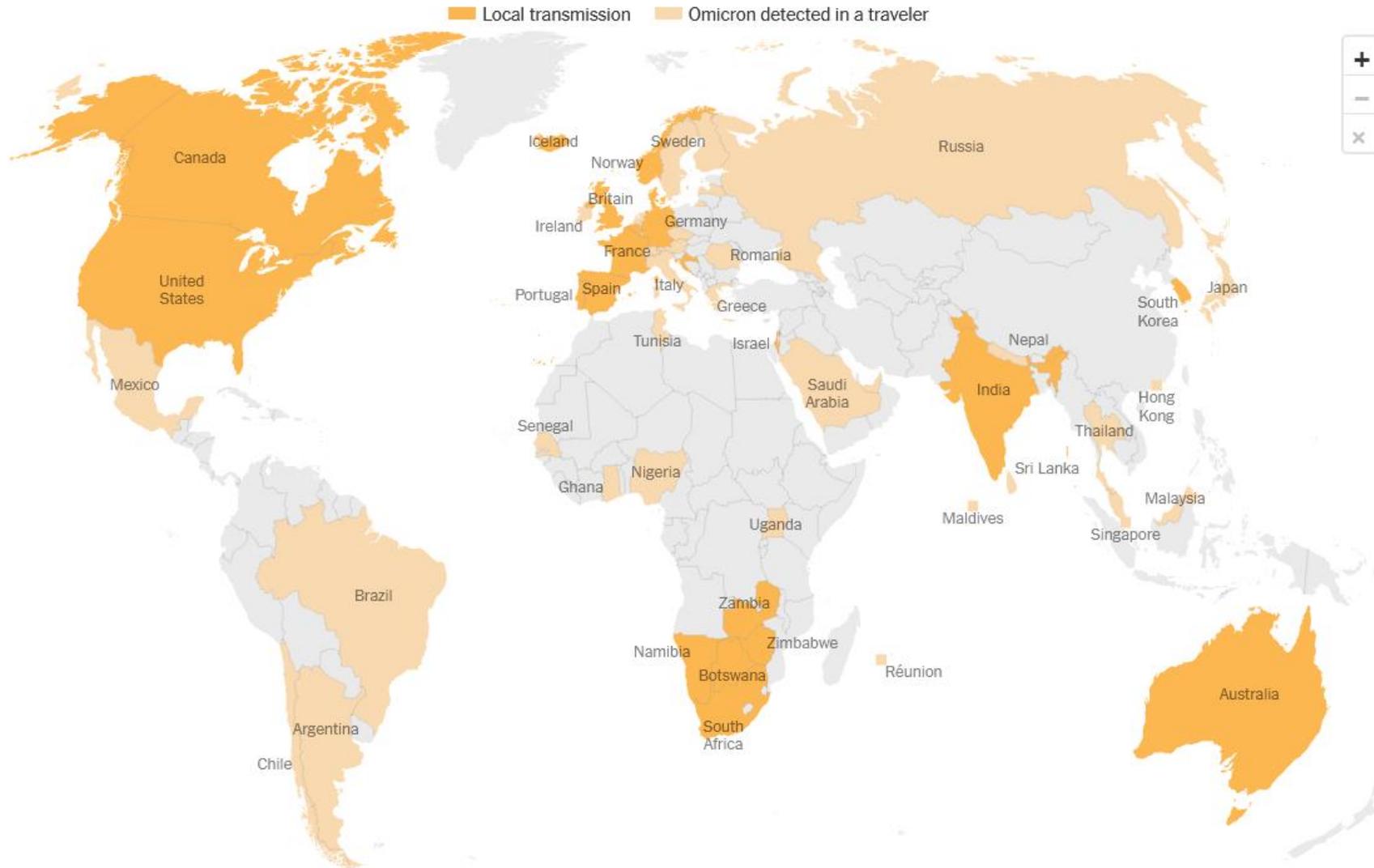


Ask Dr. Arwady

12/7/2021

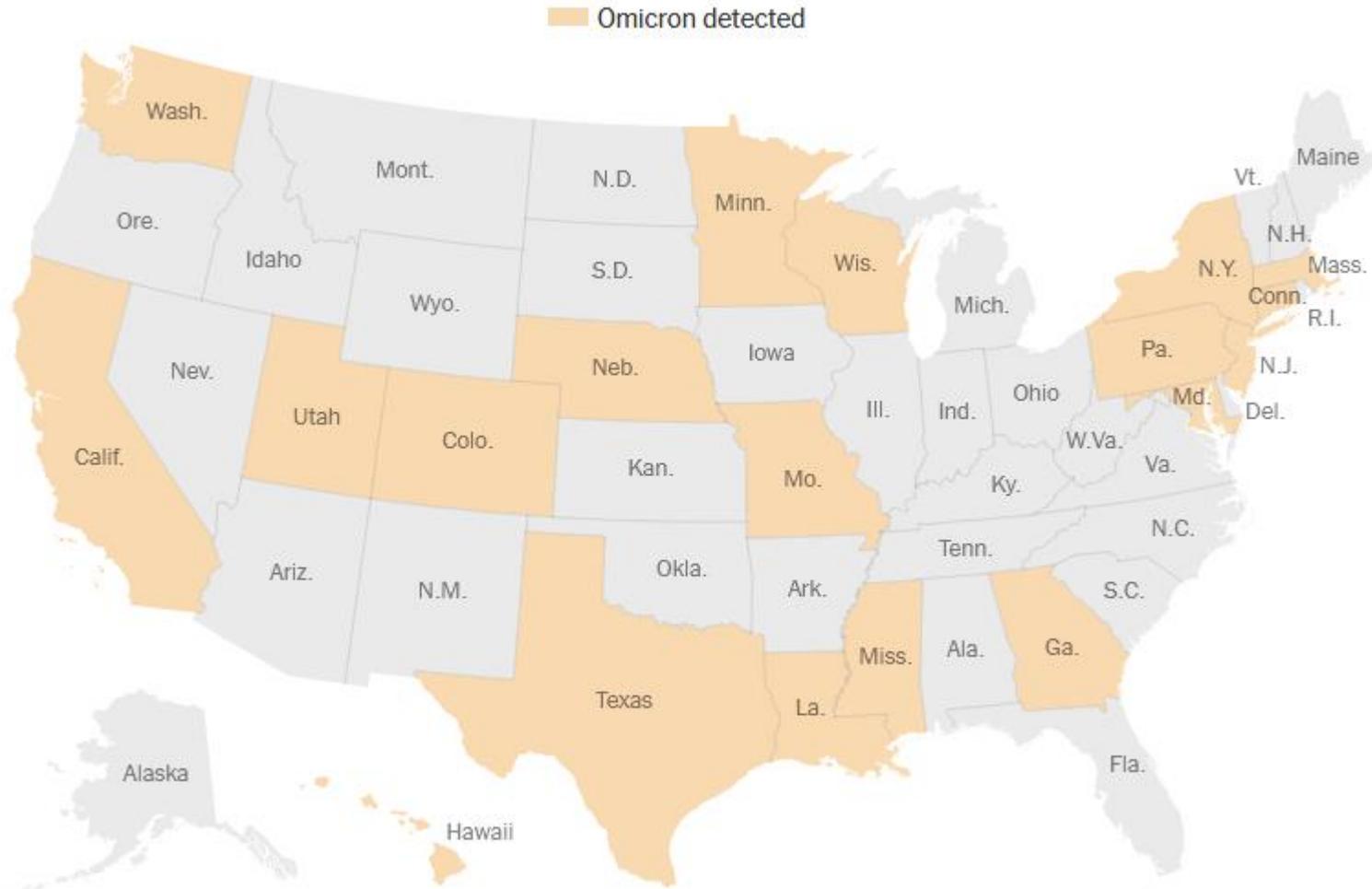
Guest: Dr. Allie Sontag, *Family Nurse Practitioner in the Office of Student Health and Wellness, Chicago Public Schools*

On Nov. 26, WHO named the Omicron variant of the coronavirus a new variant of concern





Omicron detected in the U.S.



- In the United States, the Omicron variant has been detected in 19 states

★ U.S. has restricted travel from 8 countries and will tighten testing requirements for international travelers

- Starting 11/29, non-citizens who visited any of 8 African countries during the 14 days prior to arrival in the U.S. are denied entry
 - Includes Botswana, Eswatini, Lesotho, Malawi, Mozambique, Namibia, South Africa, Zimbabwe
 - See [Presidential Proclamation](#) for more information
- ALL INTERNATIONAL TRAVELERS TO THE U.S. must:
 - Be tested for COVID-19 **within one day** of travel to U.S., *regardless of vaccination status*
 - Continue to recommend testing for COVID-19 **3-5 days** after arrival in the U.S.
 - For non vaccinated, recommend self-quarantine for **7 days** after arrival in the U.S., even if post-arrival test is negative

[CDC Traveler Information](#)

GLOBAL HEALTH ALERT: COVID-19

After travel:



Get tested at 3-5 days.



Watch your health for COVID-19 symptoms.



If not fully vaccinated, stay home for 7 days.



www.cdc.gov/COVIDtravel



What are we doing to prepare in Chicago?

Travelers

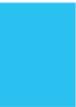
- Individuals who arrive from the 8 restricted countries with Chicago as their final destination are being contacted to reinforce requirements.
- Individuals who are known close contacts of out-of-state Omicron variant cases have already been contacted and tested.

Detection

- Chicago's new Regional Innovative Public Health Laboratory (RIPHL) has doubled the number of samples routinely being sequenced (looking for variants) from across the city and added preliminary testing approaches. Other academic laboratories and hospitals are also routinely sharing sequenced data.
- RIPHL also continues to do genomic sequencing (looking for variants) when CDPH is investigating outbreaks, or unusual breakthrough or reinfection cases.
- Wastewater sampling and sequencing continues to grow, performed by members of the Discovery Partners Institute (UIC) with many other partners, through a contract with CDPH

Data Collection

- CDPH is prepared to gather complete information to act quickly when the first case(s) are detected
 - Focus on travel history, vaccination status, symptoms/outcomes, isolation, close contacts



Local CDPH/laboratory responses

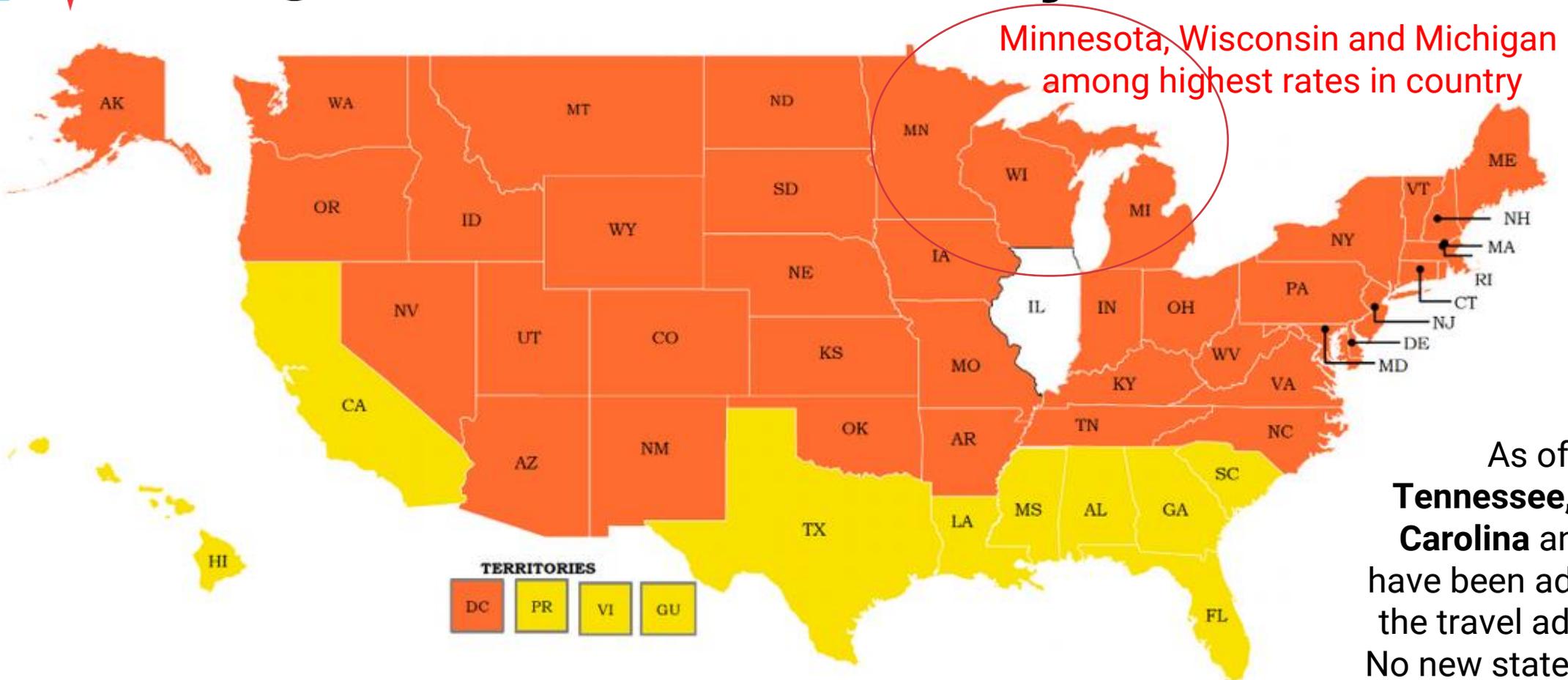
- Regional Innovative Public Health Laboratory (RIPHL) tests for variants across Chicago
 - Federal funding, collaboration with Rush University Medical Center
 - Partner with multiple hospitals/health systems, coordinate with state
 - Sample is representative of city population
- Increase Chicago-wide collection for sampling for genetic sequencing for variants
- In the laboratory, add a pre-screening PCR step to identify possible Omicron variant rather than batching testing
- Continue to increase local wastewater sampling for COVID, including adding capacity at ORD international terminal



Next steps

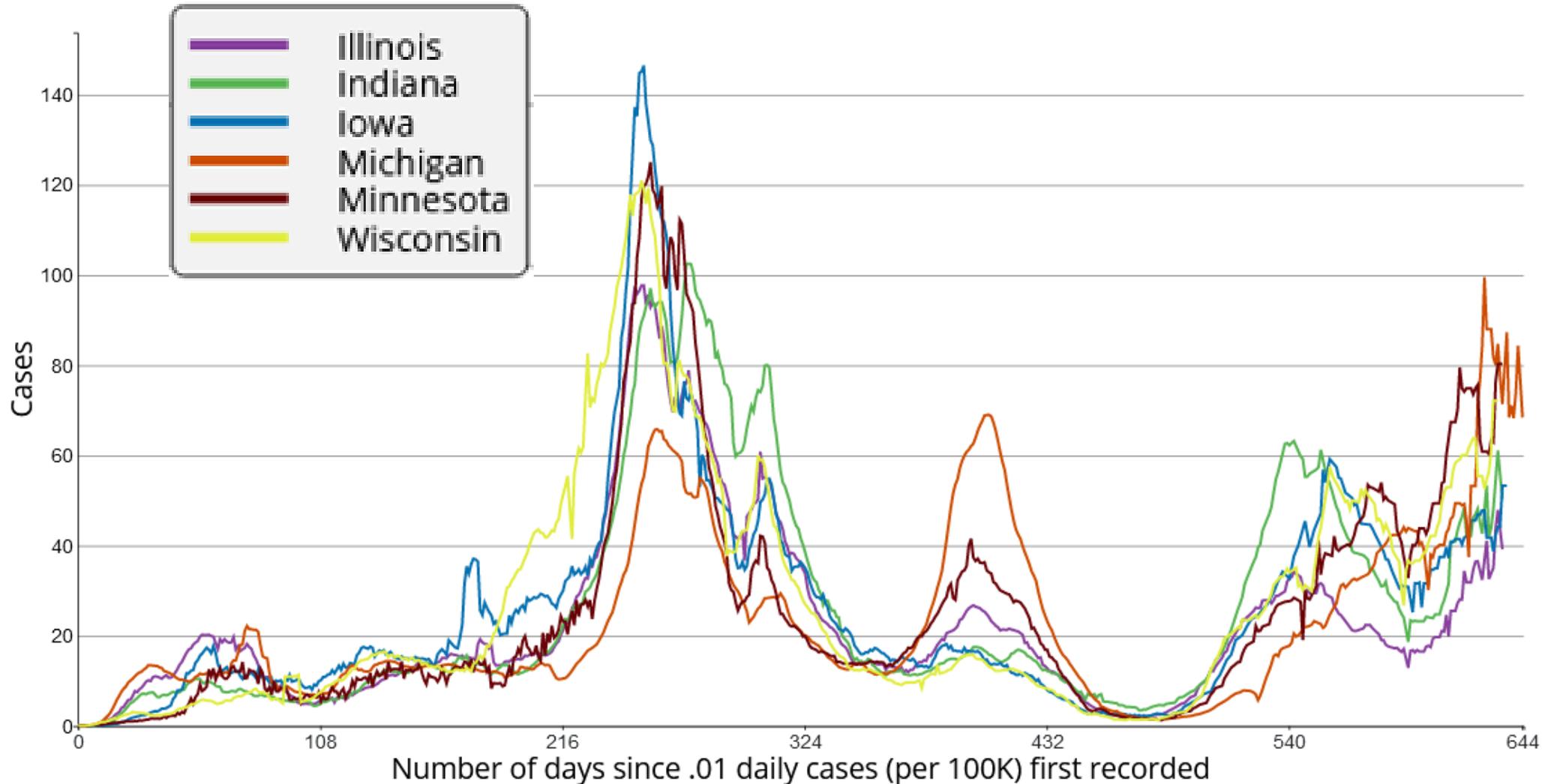
- We are well placed to *detect* Omicron and will soon.
- The question is our *response*.
 - **Vaccinations!** (? Will we need to make an “Omicron booster...and buy time for it)
 - **Boosters!!**
 - **All** Chicagoans 18+ should get a booster **NOW**: 6 months after Pfizer/Moderna, 2 months after J/J.
 - **Masks indoors (messaging)**
 - **Staying home if you're sick!** (increasing home test availability)
 - **Ventilation, handwashing, distancing, etc.**
 - **Employer vaccination requirements**
 - *May begin requiring proof of vaccination for more activities/public spaces*
 - *Oral medications (work like Tamiflu) coming soon, likely to be important.*
 - *Watching hospital capacity closely; flu shots remain important, too*

★ Chicago's COVID-19 Travel Advisory: 40 States and D.C.



As of today, Tennessee, North Carolina and D.C. have been added to the travel advisory. No new states were removed.

Average daily new cases per 100,000 population, Midwest region





Chicago COVID-19 Community Transmission and Risk Matrix

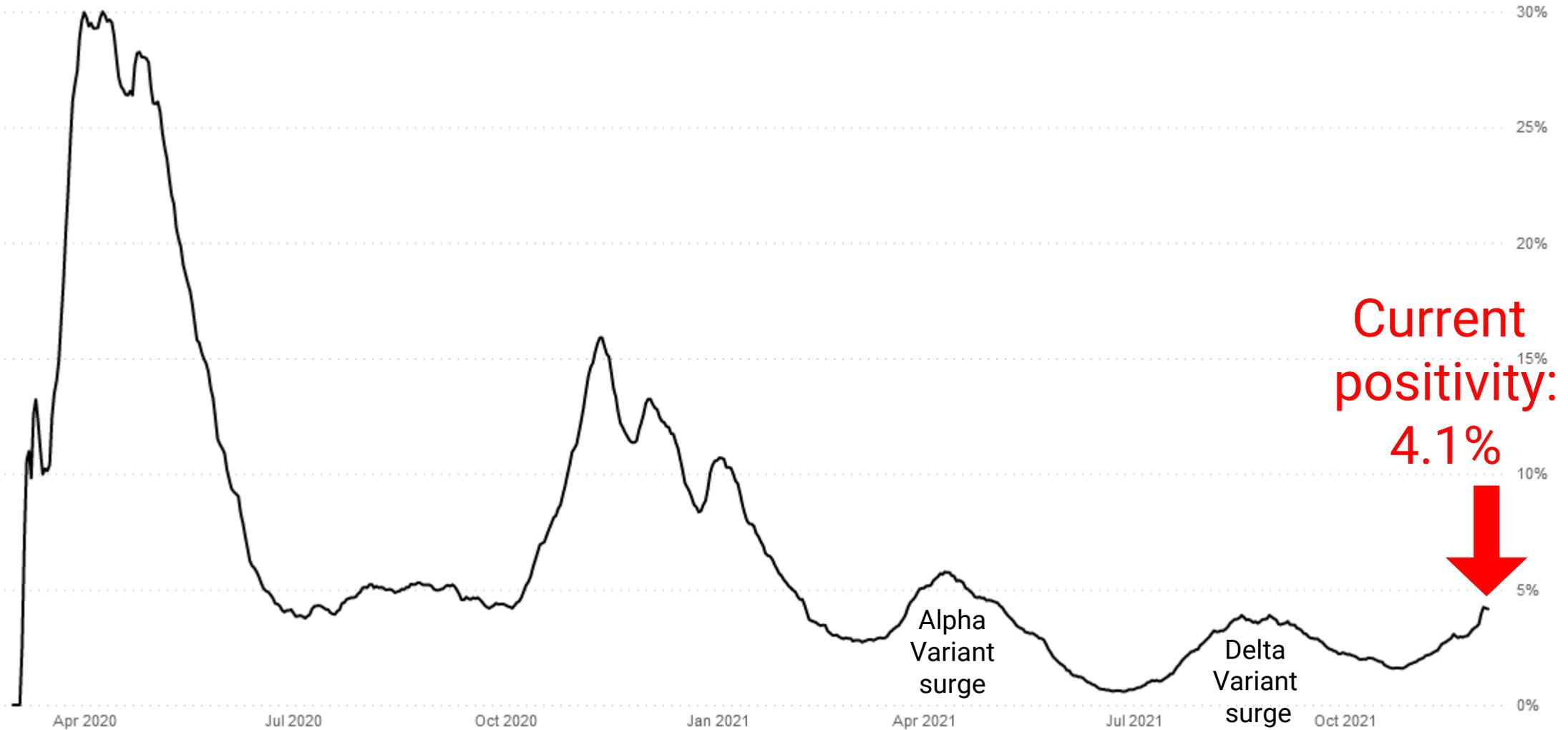
| | VERY HIGH TRANSMISSION | HIGH TRANSMISSION | SUBSTANTIAL TRANSMISSION | LOWER TRANSMISSION | LOW TRANSMISSION |
|--|--|-------------------|---|---|------------------|
| COVID-19 CASES DIAGNOSED PER DAY Chicago residents - 7-day rolling daily average | 800+ Current: 828 Increasing | 400 - 799 | 200 - 399 | 20 - 199 | <20 |
| COVID-19 TEST POSITIVITY Chicago residents - 7-day rolling daily average | 10%+ | 6.6 - 9.9% | 5.0 - 6.5% | 2 - 4.9% Current: 4.1% Increasing | <2% |
| HOSPITAL BEDS (NON-ICU) OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average | 1250+ | 750 - 1249 | 250 - 749 Current: 363 Increasing | 100 - 249 | <100 |
| ICU BEDS OCCUPIED BY COVID PATIENTS Chicago hospitals - 7-day rolling daily average | 400+ | 300 - 399 | 100 - 299 Current: 108 Increasing | 20 - 99 | <20 |

Source: Chicago Department of Public Health, data current as of December 7, 2021. These metrics represent general community COVID transmission and should not be applied to individual settings that have mitigation practices in place.

Chicago: Highest average COVID case rate since January 2021



Chicago: COVID test positivity continues to increase; still adequate testing overall

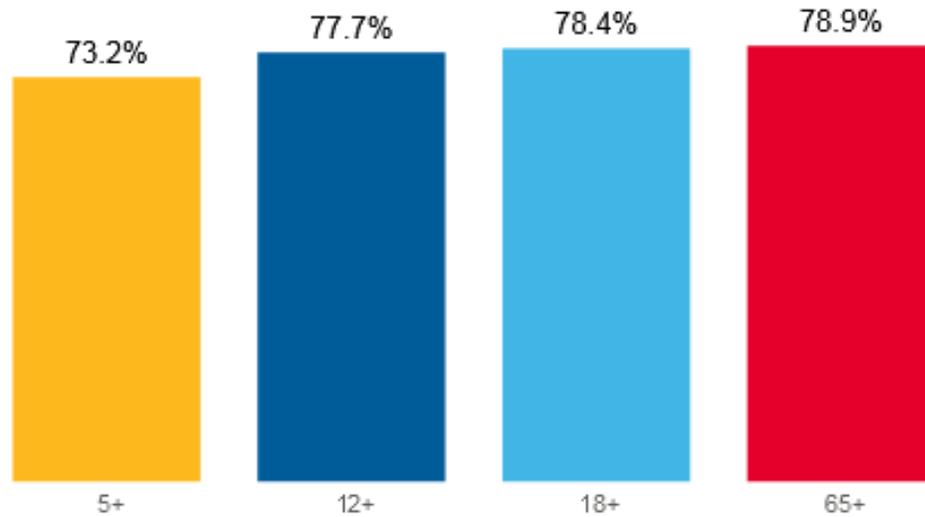


Current positivity:
4.1%

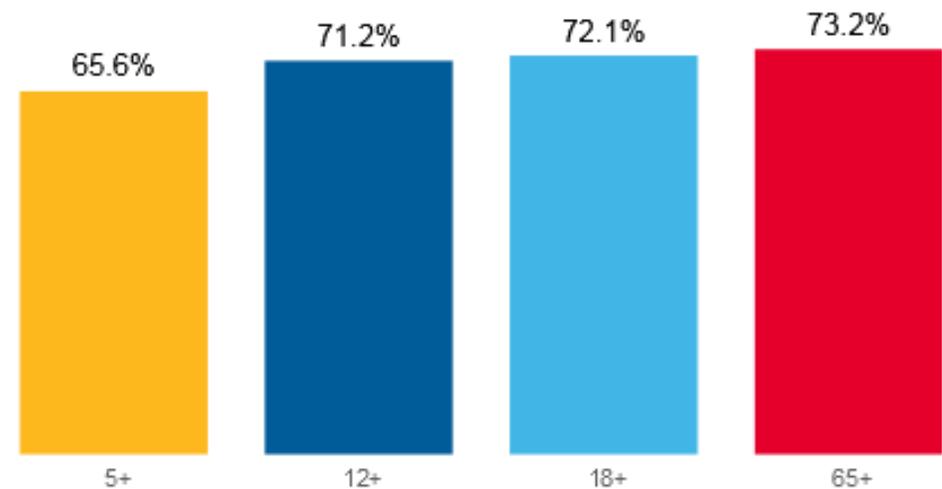


★ Citywide vaccination rate

At least one dose (% vaccinated as of 12/2/2021)



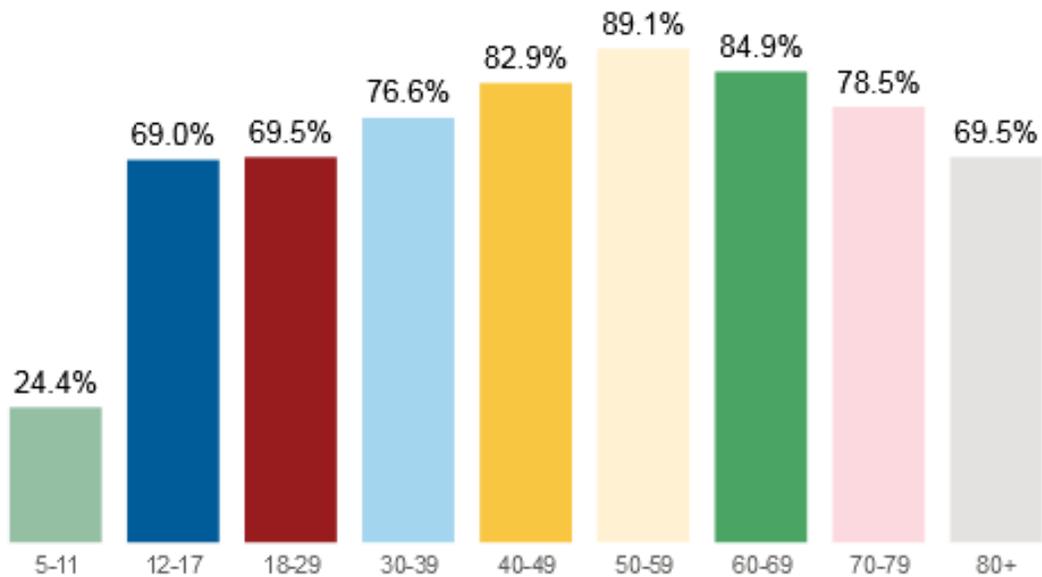
Completed vaccine series (% vaccinated as of 12/2/2021)



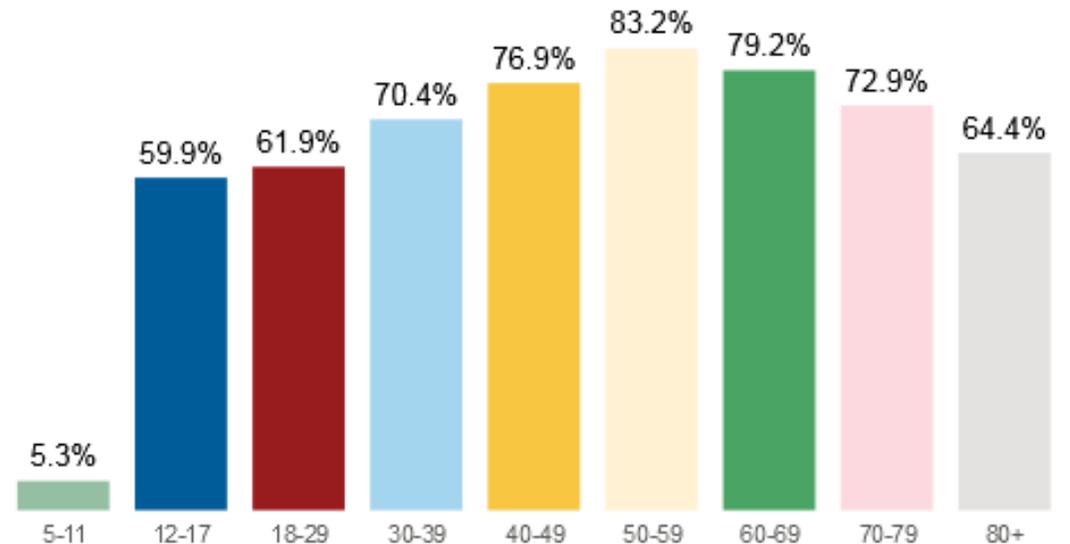
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★ Continued increase of 5-11 y/o getting vaccinated.

At least one dose (% vaccinated as of 12/2/2021)



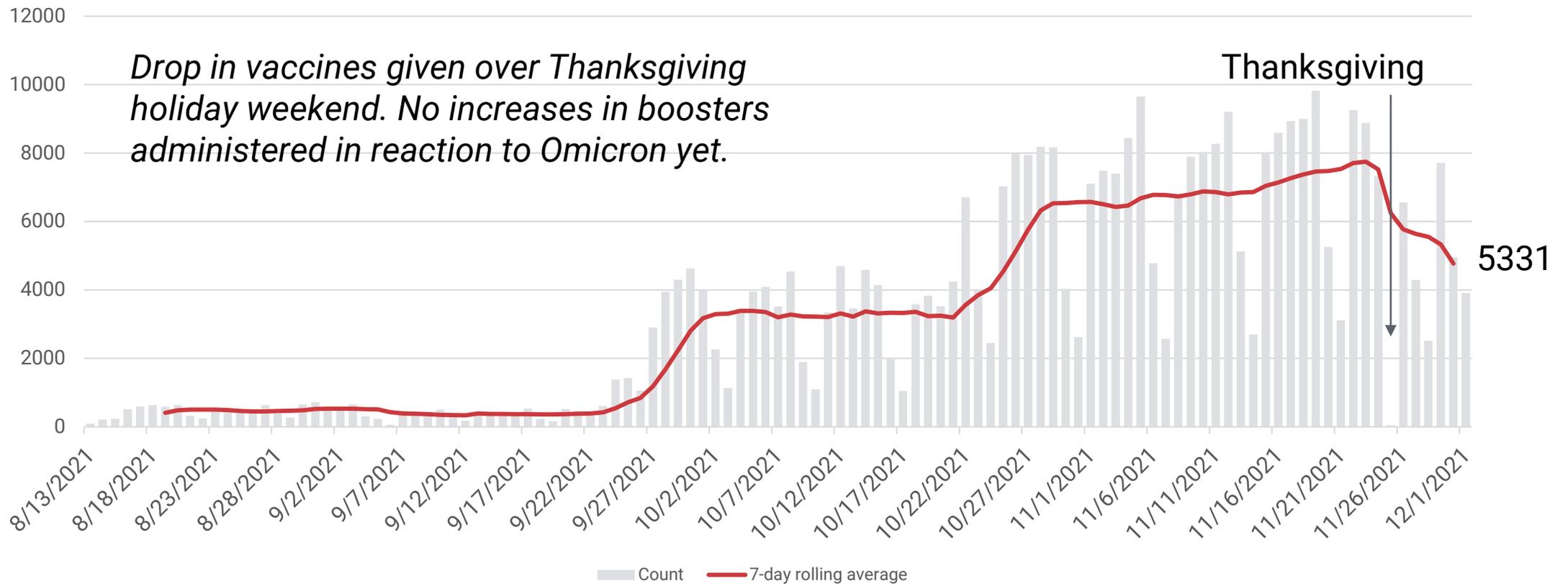
Completed vaccine series (% vaccinated as of 12/2/2021)



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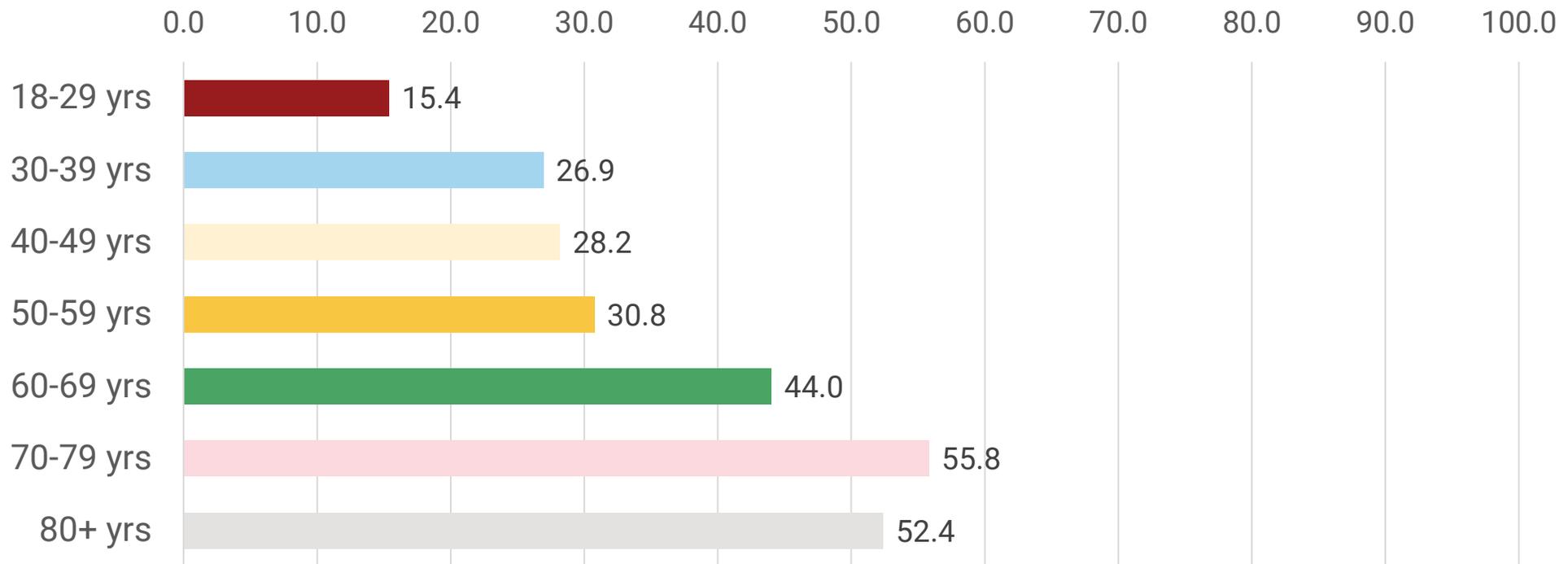
Chicagoans who received a booster dose of COVID-19 vaccine (n=368,458)



Data as of 12/1/2021. 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.



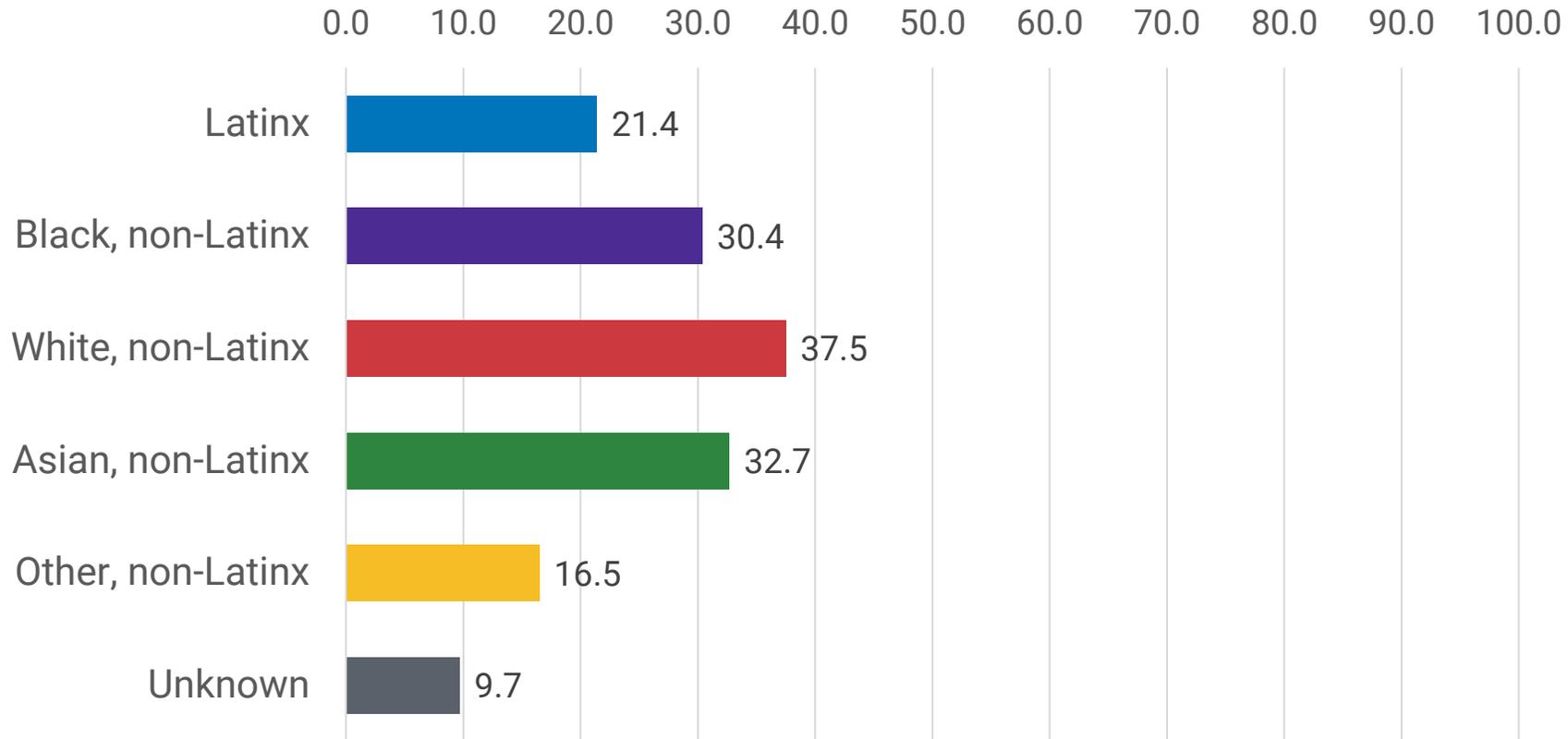
Booster uptake among those due for a booster dose highest among oldest Chicagoans



Data as of 12/1/2021. The population due for a booster is determined by the length of time from last dose and type of vaccine received for the primary series. 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 as reported in I-CARE. This includes people who received booster doses and people who received additional doses.



Booster uptake lowest among adult Latinx Chicagoans who are due for a booster dose



Data as of 12/1/2021. The population due for a booster is determined by the length of time from last dose and type of vaccine received for the primary series. The count of people who received a booster dose includes anyone 18 years and older who is fully vaccinated and has received another dose of COVID-19 vaccine since August 13, 2021 as reported in I-CARE. This includes people who received booster doses and people who received additional doses.



Get vaccinated *now* in time for the holidays:

To be fully vaccinated against COVID-19 for

Christmas

(Dec. 25)

START
your vax series by

| | |
|---------|------------------|
| NOV. 13 | 1st Dose Moderna |
| NOV. 20 | 1st Dose Pfizer |
| DEC. 11 | Single Dose J&J |



To be fully vaccinated against COVID-19 for

Kwanzaa

(Starts Dec. 26)

START
your vax series by

| | |
|---------|------------------|
| NOV. 14 | 1st Dose Moderna |
| NOV. 21 | 1st Dose Pfizer |
| DEC. 12 | Single Dose J&J |



To be fully vaccinated against COVID-19 for

New Years Eve

(Dec. 31)

START
your vax series by

| | |
|---------|------------------|
| NOV. 19 | 1st Dose Moderna |
| NOV. 26 | 1st Dose Pfizer |
| DEC. 17 | Single Dose J&J |





Continue to vaccinate City Employees: City Hall Vaccine Clinic TODAY

- Tuesday December 7, 9am-2pm
 - Flu shots, initial vaccine doses, and boosters available





COVID-19 vaccination coverage among persons experiencing homelessness and the general population

Six U.S. jurisdictions, Dec 2020–August 2021

Jurisdiction (corresponding area for general population)

| Characteristic | Chicago, Illinois | Detroit, Michigan (Wayne County) | Fairfax, Virginia (Fairfax County, Falls Church City, Fairfax City) | Los Angeles County, California | Hennepin County, Minnesota | District of Columbia |
|---|-------------------|----------------------------------|---|--------------------------------|----------------------------|----------------------|
| Earliest date of available data | Dec 13, 2020 | Dec 19, 2020 | Jan 25, 2021 | Dec 15, 2020 | May 1, 2021 | Jan 29, 2021 |
| Latest date of available data | Aug 31, 2021 | Aug 30, 2021 | Jul 31, 2021 | Jul 31, 2021 | Jul 31, 2021 | Jul 31, 2021 |
| Date of vaccine eligibility for persons experiencing homelessness | Jan 20, 2021 | Jan 14, 2021 | Jan 25, 2021 | Mar 15, 2021 | Jan 15, 2021 | Jan 29, 2021 |
| Estimated population size | | | | | | |
| Persons experiencing homelessness, no. [†] | 4,477 | 5,118 | 1,859 | 66,436 | 7,635 | 6,381 |
| General population, no. [§] | 2,693,959 | 1,749,343 | 1,183,521 | 10,039,107 | 1,265,843 | 705,749 |
| Fully vaccinated[¶] | | | | | | |
| Persons experiencing homelessness,** no. (%) | 1,993 (44.5) | 950 (18.6) | 465 (25.0) | 23,353 (35.2) | 1,712 (22.4) | 1,265 (19.8) |
| General population, ^{††} no. (%) | 1,500,931 (55.7) | 762,637 (43.6) | 707,528 (59.8) | 5,375,111 (53.5) | 754,489 (59.6) | 386,475 (54.8) |
| Difference (95% CI) | 11.2 (9.7–12.7) | 25.0 (23.9–26.1) | 34.8 (32.8–36.8) | 18.4 (18.0–18.8) | 37.2 (36.2–38.1) | 34.9 (33.9–35.9) |
| ≥1 dose^{§§} | | | | | | |
| Persons experiencing homelessness,** no. (%) | 2,326 (52.0) | 1,337 (26.1) | 557 (30.0) | 29,412 (44.3) | 2,184 (28.6) | 1,407 (22.0) |
| General population, ^{††} no. (%) | 1,642,339 (61.0) | 814,140 (46.5) | 777,970 (65.7) | 6,225,192 (62.0) | 820,182 (64.8) | 432,833 (61.3) |
| Percentage point difference ^{¶¶} (95% CI) | 9.0 (7.5–10.5) | 20.4 (19.2–21.6) | 35.8 (33.6–37.9) | 17.7 (17.4–18.1) | 36.2 (35.2–37.2) | 39.3 (38.2–40.3) |

Need a vaccine or a booster? Have questions?

visit **CHI.GOV/COVIDVAX**

or call **312-746-4835**



Last Updated 12.07.21

CPS COVID UPDATE



HEALTHY CPS

OFFICE OF STUDENT HEALTH & WELLNESS

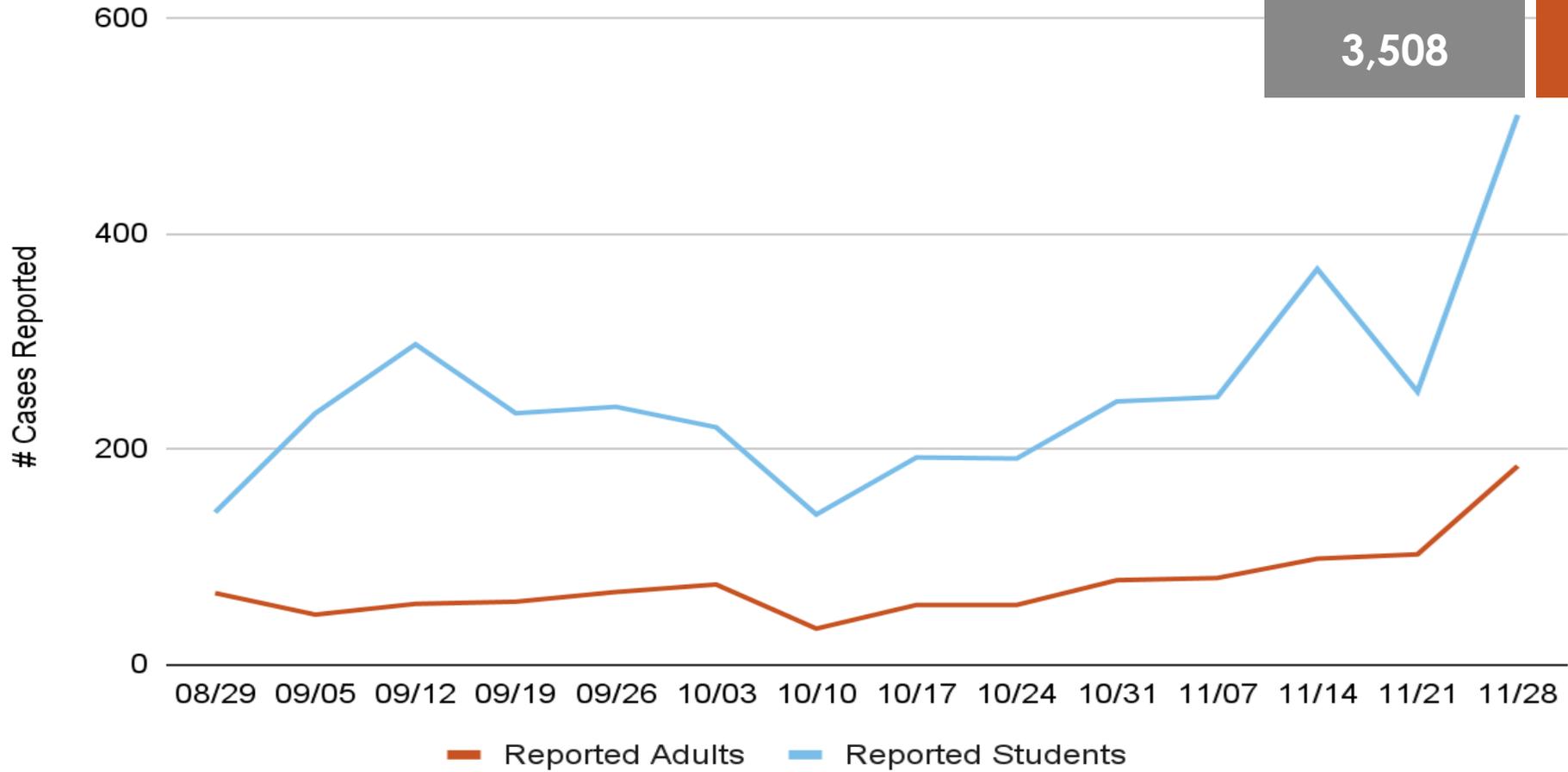
Total Reported Case Counts in SY21-22

Aug. 29 - Dec. 04

Overall Total Cases:

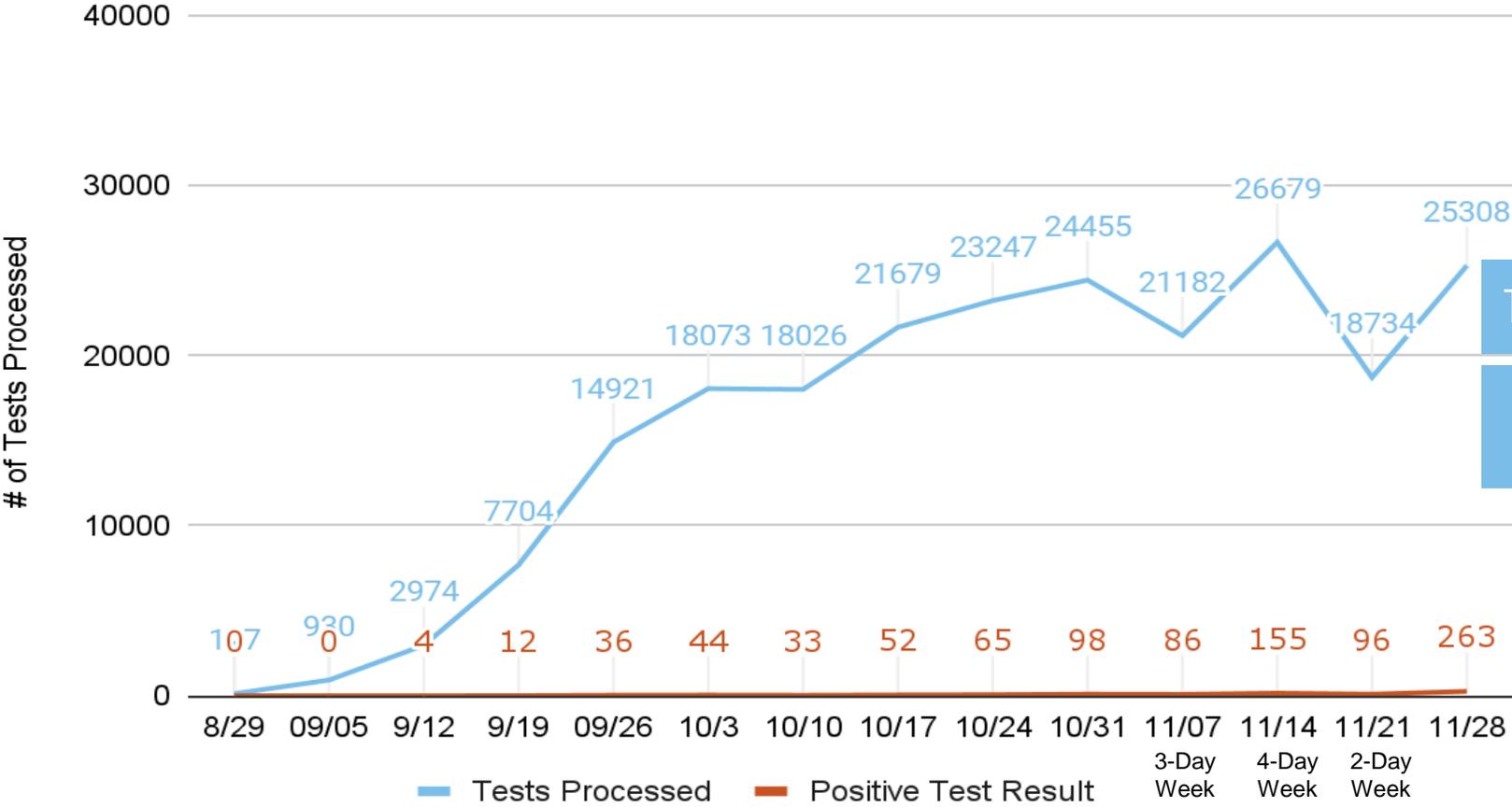
Students
3,508

Staff
1,050



Weekly Number of COVID Tests Completed vs. Positive Tests

Aug. 29 - Dec. 04



Test Positivity Rate
1.00%

CPS Staff & Student Vaccination Status

90.5%

of CPS staff are fully vaccinated

49.6%

of CPS students ages 12 and up have been fully vaccinated

12.9%

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



HEALTHY CPS

OFFICE OF STUDENT HEALTH & WELLNESS