

# Ask Dr. Arwady

**August 2, 2022**



# Monkeypox Virus (MPV) Update

**August 2, 2022**





<b>HOW IS MPV SPREAD?</b>	Through close contact, including kissing, sex or other skin-to-skin contact with someone who has the MPV virus.
<b>WHAT ARE THE SYMPTOMS?</b>	A rash or sores may appear anywhere on the body, including genitals. Sores may look like pimples or blisters. Flu-like symptoms, such as fever, chills, headaches or muscle aches, may occur before a rash or sores.
<b>WHO IS AT RISK?</b>	Anyone can get MPV. But according to early data, gay, bisexual and other men who have sex with men (MSM) have made up a high number of cases.
<b>WHAT SHOULD I DO?</b>	<ul style="list-style-type: none"><li>▪ If you or your sex partners feel sick or have a rash or sores, do not have sex or other close physical contact (such as kissing, cuddling, massaging and touching), and do not kiss or touch each other's bodies while you are sick.</li><li>▪ Do not share things like towels, fetish gear, sex toys, and toothbrushes.</li><li>▪ Wash your hands, fetish gear, sex toys and any fabrics (bedding, towels, clothing) after having sex.</li><li>▪ Call your health care provider right away if you have symptoms. <i>If you don't have a doctor or insurance, call the HIV/STI Resource Hub at 1-844-482-4040 - <a href="http://hivhub.org">hivhub.org</a> or go to <a href="http://FindaHealthCenter.hrsa.gov">FindaHealthCenter.hrsa.gov</a> to get free or low-cost health care.</i></li></ul>





# I THINK I HAVE MONKEYPOX. WHAT SHOULD I DO?

## ISOLATE

- Separate from others
- Skip gatherings and nights out
- Don't share your personal items

## CALL YOUR DOCTOR

- Remind your doctor that MPV is in the community

## GET TESTED

- Let your healthcare provider know you are experiencing symptoms of MPV and ask for a test



## MPV SYMPTOMS

Rash or Sores

Headache


Fever

Chills

Muscle Aches

Swollen  
Lymph Nodes





**Q: What is the risk of being exposed at the grocery store, busy coffee shop, CTA train or bus?**

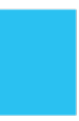


**A:** Monkeypox is NOT spread through casual conversations or walking by someone with monkeypox like in a grocery store. MPV is not as contagious as influenza, or COVID -19. You do not become infected by being around infected persons unless you have prolonged close contact or share bedding or clothing with someone who has MPV.

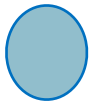
GET THE FACTS



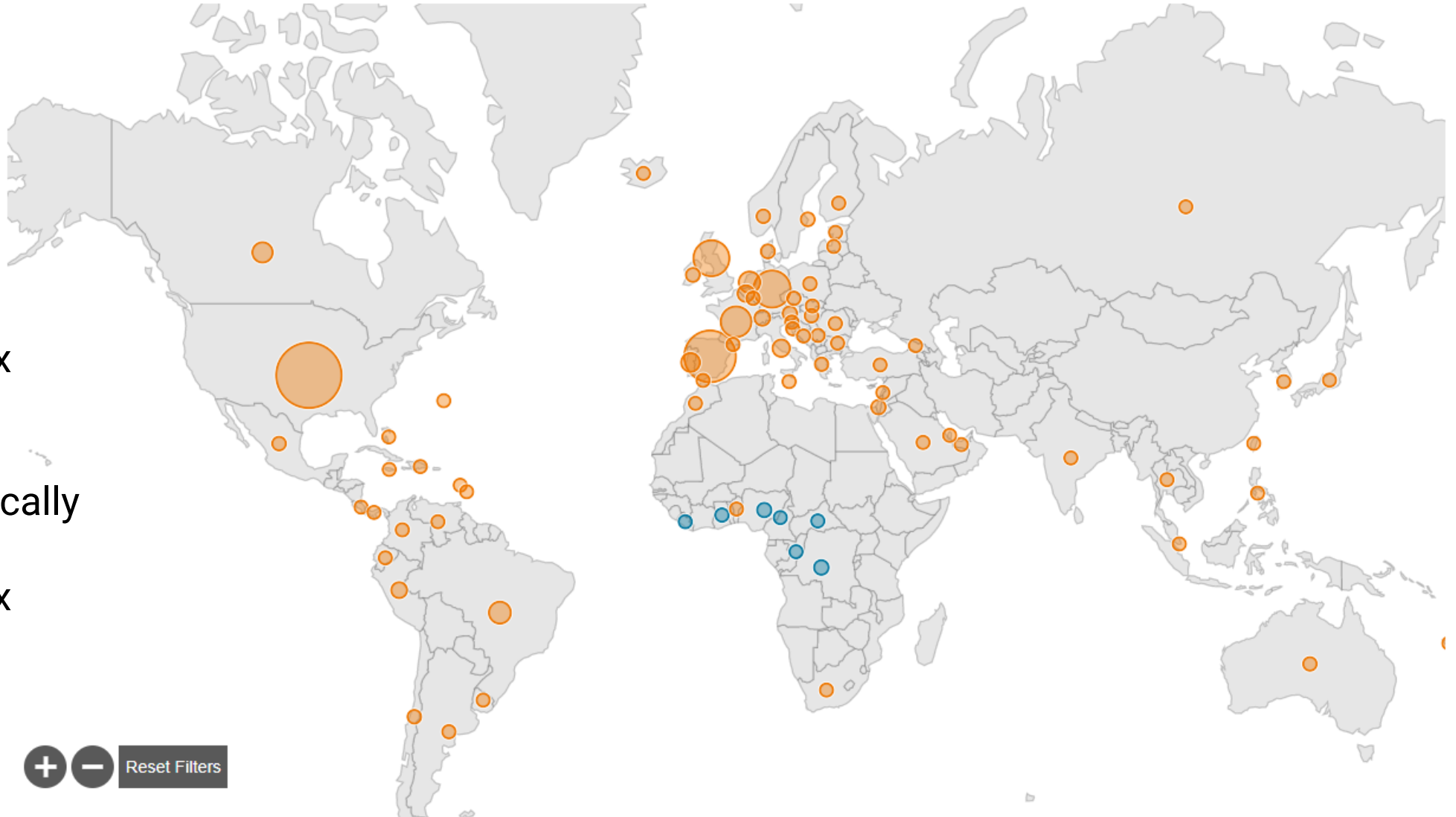
# 2022 MPV global outbreak: 23,620 Total Confirmed Cases identified in 80 countries



Has not  
historically  
reported  
monkeypox

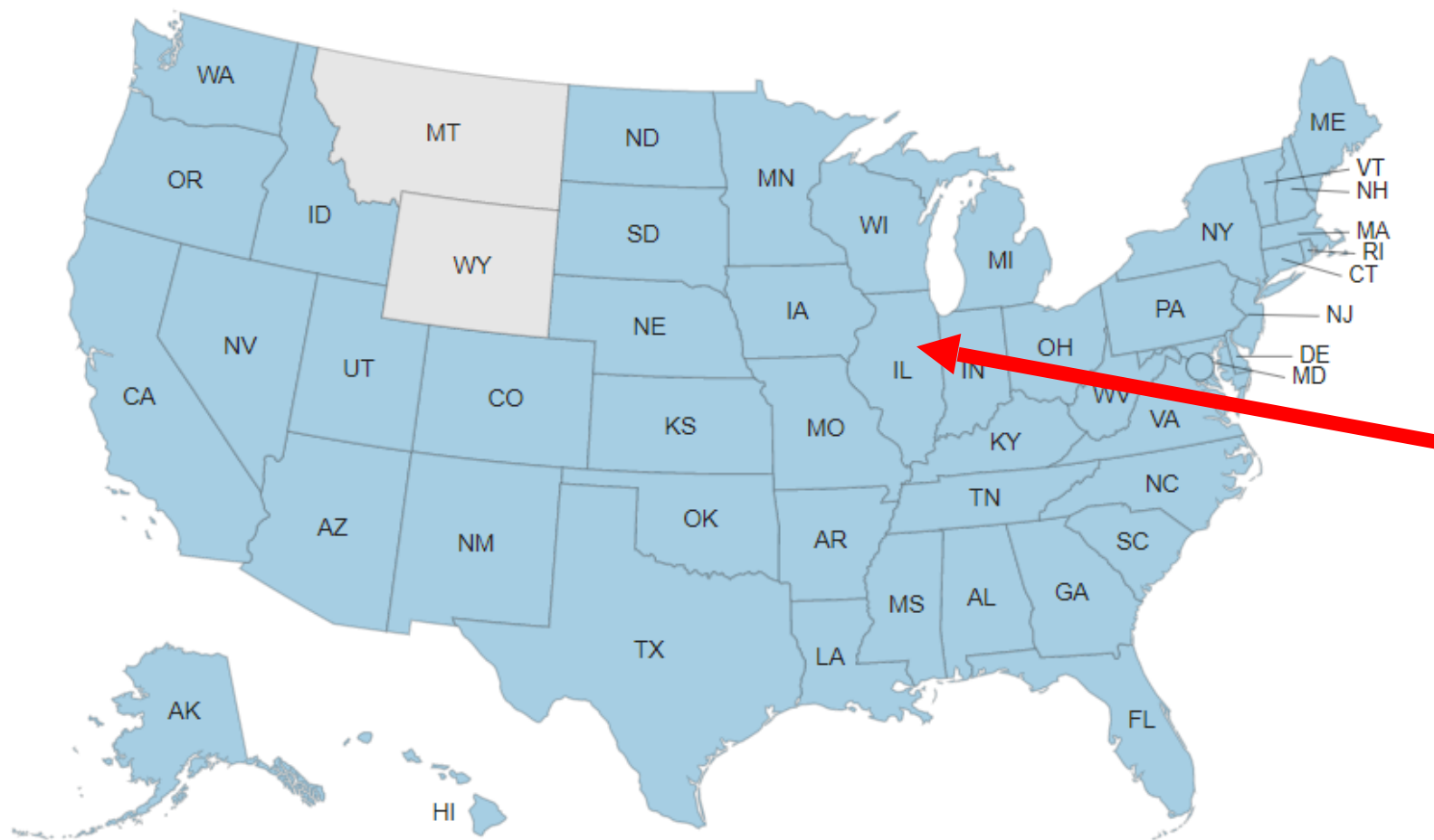


Has historically  
reported  
monkeypox





In the U.S., **5,811** Total Confirmed MPV Cases identified



Chicago's current  
case count (as  
of 8/1): **434**

Territories PR







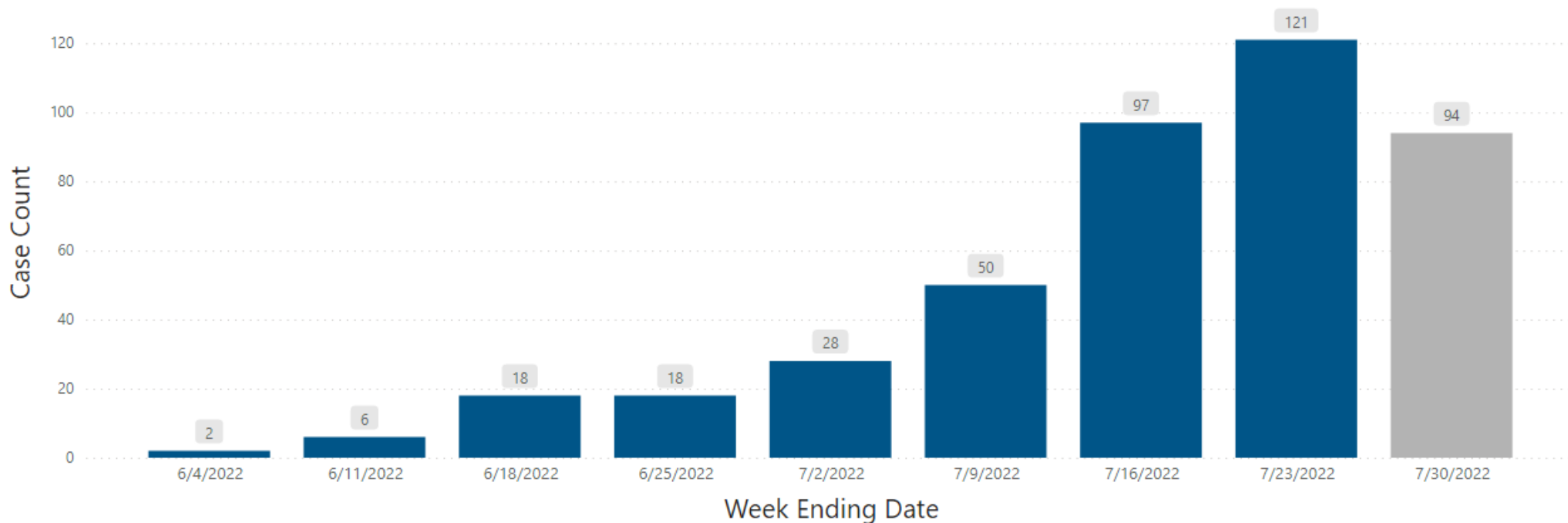
# MPV cases diagnosed in Chicago residents by week

434

20

0

## MPV (Monkeypox) Cases Diagnosed in Chicago Residents, by Week



Data current as of 8/1/2022.

Data are updated Wednesdays at 5:30 p.m., except for City holidays.

\*Data represented in the gray-colored bar(s) are not yet complete



# ★ Demographics of Chicagoans diagnosed with MPV

Age Group	Count	(%)
0-17	0	(0%)
18-24	18	(4%)
25-34	184	(42%)
35-44	151	(35%)
45-54	60	(14%)
55-64	20	(5%)
65+	1	(0%)
Unknown	0	(0%)

Race/Ethnicity	Count	(%)
Asian, non-Latinx	15	(3%)
Black, non-Latinx	57	(13%)
Latinx	126	(29%)
White, non-Latinx	196	(45%)
Other, non-Latinx	6	(1%)
Unknown	34	(8%)



# ★ Demographics of Chicagoans diagnosed with MPV

Sex	Count	(%)
Male	433	(100%)
Female	1	(0%)

Gender	Count	(%)
Man	360	(83%)
Woman	2	(0%)
Transgender Man	0	(0%)
Transgender Woman	0	(0%)
Other	2	(0%)
Unknown	70	(16%)

Sexual Orientation	Count	(%)
Gay/Lesbian	279	(64%)
Bisexual	18	(4%)
Straight/Heterosexual	4	(1%)
Other	3	(1%)
Unknown	130	(30%)

- **Sex** refers to sex assigned at birth
- **Gender** and **sexual orientation** are self-reported at the time of care or during interview with CDPH staff
- Some information about cases may be classified as unknown because the case did not provide it or because the case has not yet been reached for interview.



# While the overall risk of MPV remains low, see a healthcare provider if you develop symptoms

- As of 8/1, a total of **434** Chicagoans have been diagnosed with monkeypox virus (MPV)
  - Most, but not all, have been in gay, bisexual, or other men who have sex with men (MSM)
  - Median age of **35 years** (range: 22-66)
  - Spread is primarily through **skin-to-skin contact with rash/lesions**. Highest risk of spread is through sex and other intimate contacts in tight-knit social networks

## If you have a new or unexplained rash:

- Visit a healthcare provider or call 312-746-4835 to get connected to care
- Remind your provider that MPV is in the community
- Avoid sex or being intimate with anyone until you've been checked out

Visual Examples of Monkeypox Rash

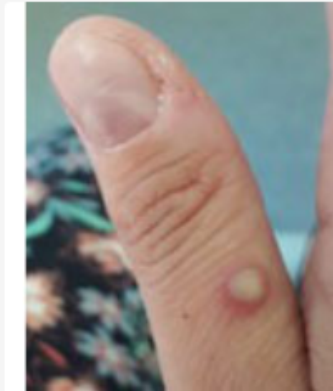
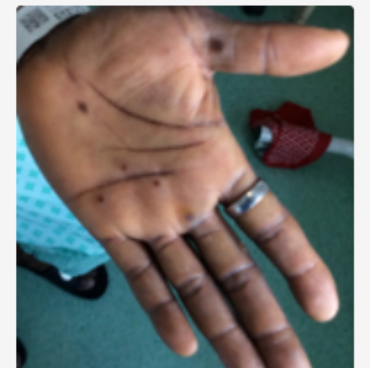


Photo Credit: NHS England High Consequence Infectious Disease







# WHAT IS CHICAGO'S MPV PLAN?

**M**onitor current cases, case investigation and contact tracing

**P**rovide resources and education to clinicians, community groups, businesses, and general public

**V**accinate those at highest risk



# Widespread MPV **TESTS** available.



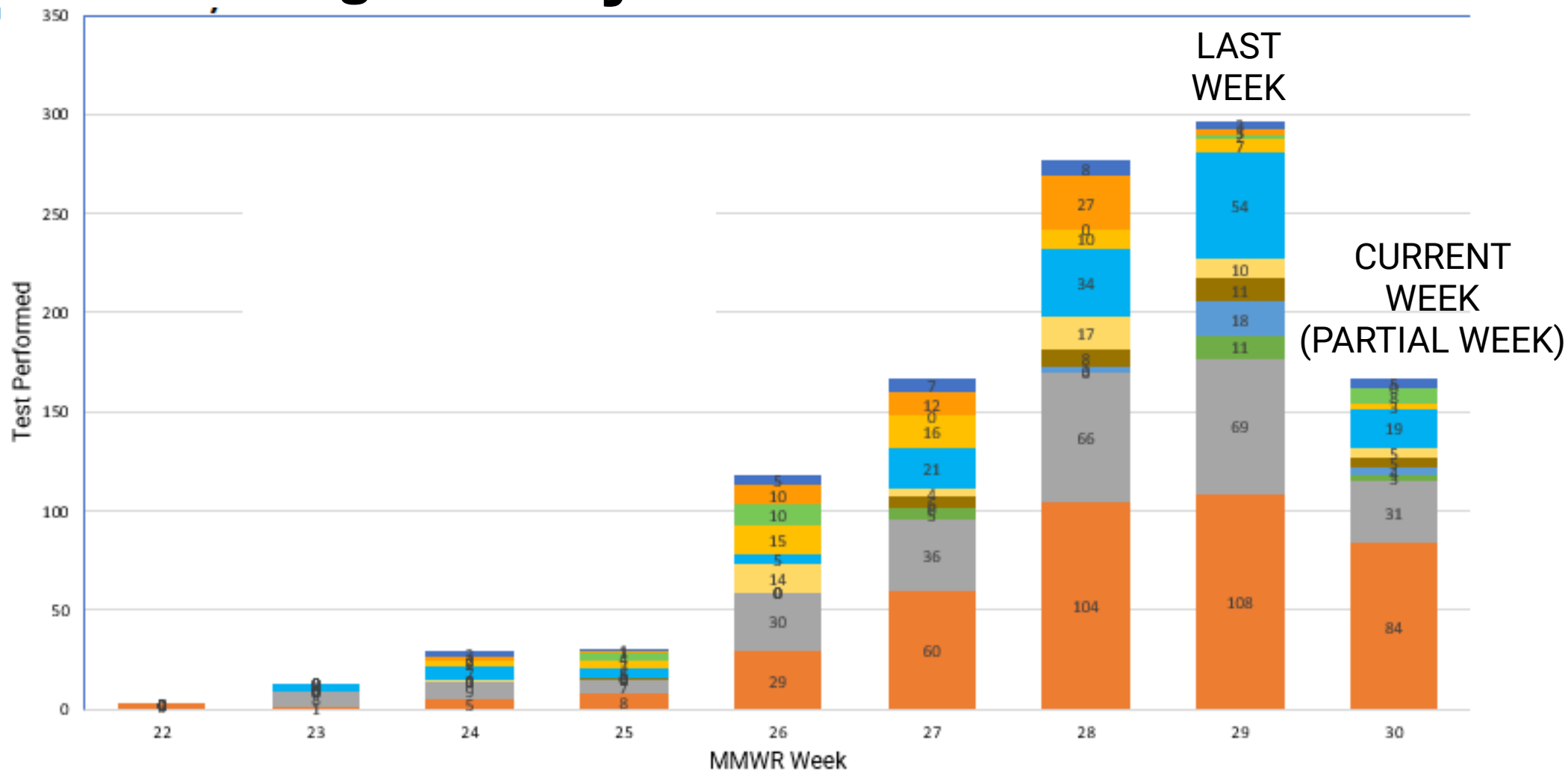
## **TREATMENT** exists.

- **Testing capacity has ramped up and is now plentiful**
  - Effective diagnostic testing capacity, up to **70,000-80,000 tests can be performed per week** nationally
  - Now in public health **and** commercial labs
  - Swabs of lesions can be collected by any medical provider
  - Please get tested if you have symptoms!
- **Treatment is available**
  - FDA-approved **antiviral medication** (EU-IND tecovirimat - TPOXX)
  - Higher-risk patients
  - Prescribed through health care providers; still significant paperwork





# ★ Good news: MPV testing performed in Chicago has increased significantly over last 8 weeks





# Good news: MPV **vaccine** supply in Chicago is again increasing over the next 1-2 weeks

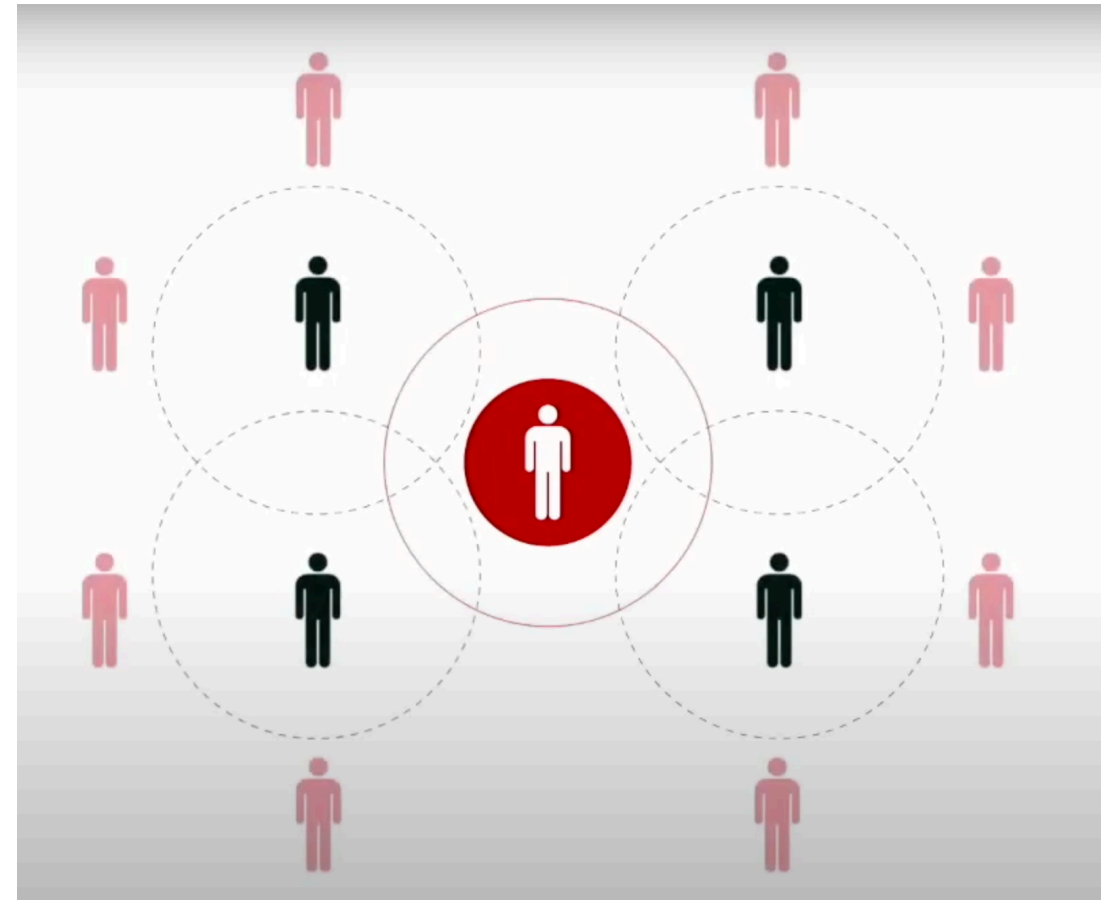
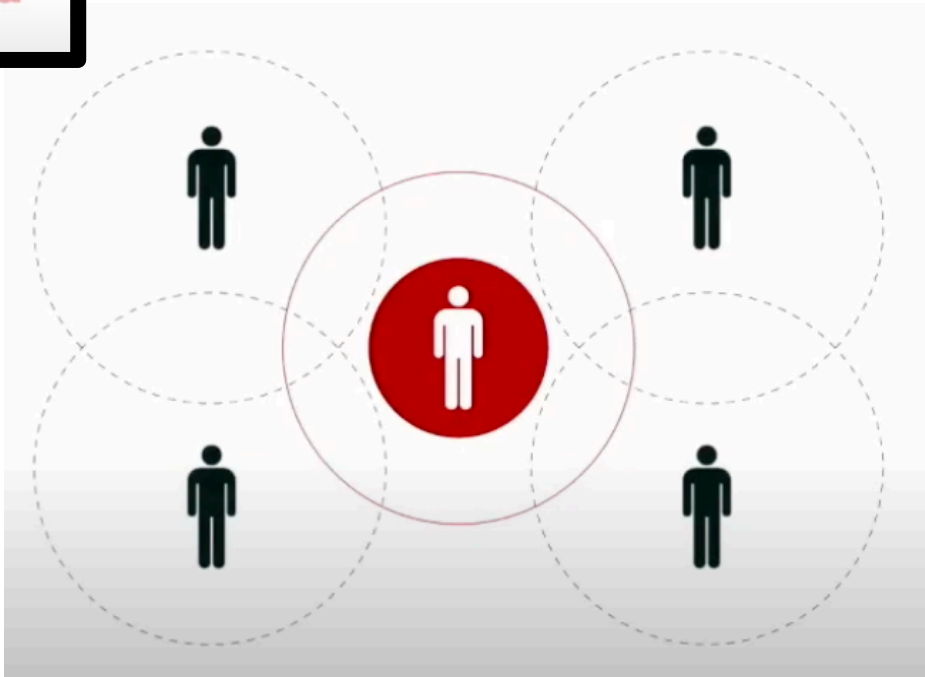
- FDA-approved effective **vaccine against MPV** (JYNNEOS) helps protect individuals who **have been exposed** to someone with MPV
- **A vaccine exists in limited quantities** in the Strategic National Stockpile and the U.S. is acquiring more
  - In the first weeks of the MPV outbreak Chicago received **and distributed** about **5,000 vaccine doses**
  - About **15,000 additional doses** arrived from the federal government in Chicago just over a week ago and are being distributed daily in Chicago by the thousands
  - **Additional federal vaccine doses (about 13,000)** expected to arrive in Chicago over the next one to two weeks, out of about **33,000 additional vaccine doses** currently allocated to Chicago
  - U.S. orders for millions more vaccine doses have been placed internationally but are likely a few months from deployment
  - State has also redirected some of its federal vaccine supply to Chicago since epicenter of outbreak is here



# Ring Vaccination Strategy and Goal: Vaccinate **All** Contacts of Cases



- Infected
- Vaccinated
- Unvaccinated





# Supplementing CDPH contact tracing: TellYourPartner.org



Simple platform to anonymously notify intimate contacts about your diagnosis via text message.

Need partners' phone numbers.

Let your partners know they should get tested or be aware of potential symptoms.

SELECT STD		
Please click all that apply		
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chlamydia	Syphilis	Gonorrhea
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hep B	Herpes	HIV
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Crabs (Pubic Lice)	Scabies	HPV
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Chancroid	Trichomoniasis	Mycoplasma Genitalium
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lymphogranuloma Venereum (LVG)	Monkeypox (MPV/MPX)	

## Sample Text Message

This is an important message about your health. Through an anonymous notification service, one of your sexual partners wants to let you know that you may have been exposed to monkeypox (MPV/MPX).

For more information, including how to find a free clinic, please visit <https://tellyourpartner.org/info>

If you feel you are getting this text as a form of harassment, please text back REPORT.





# YOU ARE ELIGIBLE FOR A MPV VACCINE IF YOU:

1. Had close physical contact with someone or an intimate **partner who was diagnosed with MPV.**

**OR**

2. **Are a gay, bisexual or other (cis or trans) man who has sex with men.**

**AND**

Has intimate or sexual contact with other men in a **social or sexual venue.**

**OR**

Has given or received money or other **goods or services in exchange for sex.**

**OR**

Has intimate or sexual contact with **multiple or anonymous partners.**

**NO  
RESTRICTIONS**



**MUST HAVE  
ADDITIONAL  
RISK FACTOR**





***At this time, MPV vaccine is NOT recommended for the general public, including same gender loving men, without other risk factors. As vaccine supply increases, guidance may evolve.***



**FOR MORE INFO, VISIT  
[CHI.GOV/MONKEYPOX](https://chi.gov/monkeypox)**





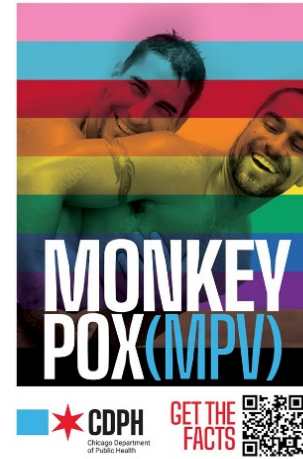
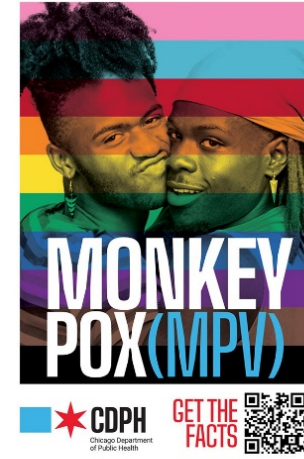
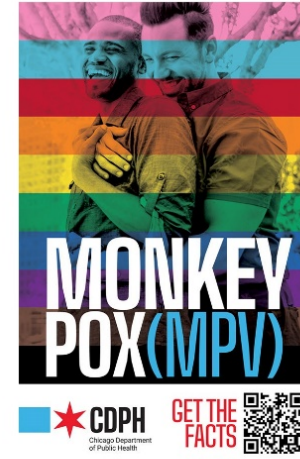
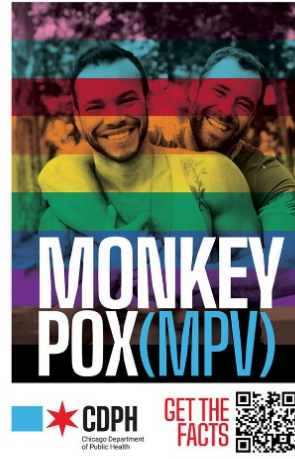
## Chicago is prioritizing first doses of JYNNEOS™ vaccine at this time

- At present, the top goal of immunization is outbreak control
- The 15,000 most recent doses allocated to Chicago are being used primarily as first doses to offer protection to more at-risk individuals
- Second doses will still be offered to immunocompromised individuals and to known contacts of MPV cases
- A second dose will be offered to others when vaccine supply improves
  - Biggest increase in protection is after the first dose
  - Delays in receiving the second dose do not affect the second dose immune response; 2<sup>nd</sup> dose vaccine labeled for “at least” 28 days later
  - Same approach in other countries



# ★ Market Days Planning

- Physical assets distributed to businesses in advance of Market Days
  - 10,000 palm cards (5,000 Spanish and 5,000 English)
  - 1,000 posters (500 Spanish and 500 English)
- Banners at gates to encourage self awareness and screening before entry, as well as behavioral changes.
- Video campaign for LGBTQ bars and Market Days Video Screens targeting recognizing early symptoms, behavioral changes needed to stop the spread
- Health Corps members standing at each entrance of Market Days to provide education/resources to people who have questions about MPV, as well as information for Chicagoans to sign up for vaccine appointments
- Matteo Lane is going to do a PSA for Market Days on MPV
  - Matteo was just ranked one of the top 10 comedians in 2022 (on Jimmy Kimmel Live last week). He is originally from Arlington Heights now resides in NYC.



Matteo Lane



**IT'S TIME TO TALK.**

With your partners and with your provider.

**ABOUT MONKEYPOX.**



**GET THE FACTS**



Learn more at [chicago.gov/MPV](https://chicago.gov/MPV)





# TURN ON THE LIGHTS

# BEFORE YOU TURN OFF THE LIGHTS



- If you're having sex, spend a little time with your partners to look for any new or unexplained rash or sores, including your mouths, genitals, and butts.
- Don't touch any new or unexplained rash or sores, and see a healthcare provider.



**CDPH**

Chicago Department  
of Public Health

GET THE FACTS ➤ [chicago.gov/MPV](https://chicago.gov/MPV)

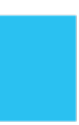


# COVID-19 Update

**August 2, 2022**

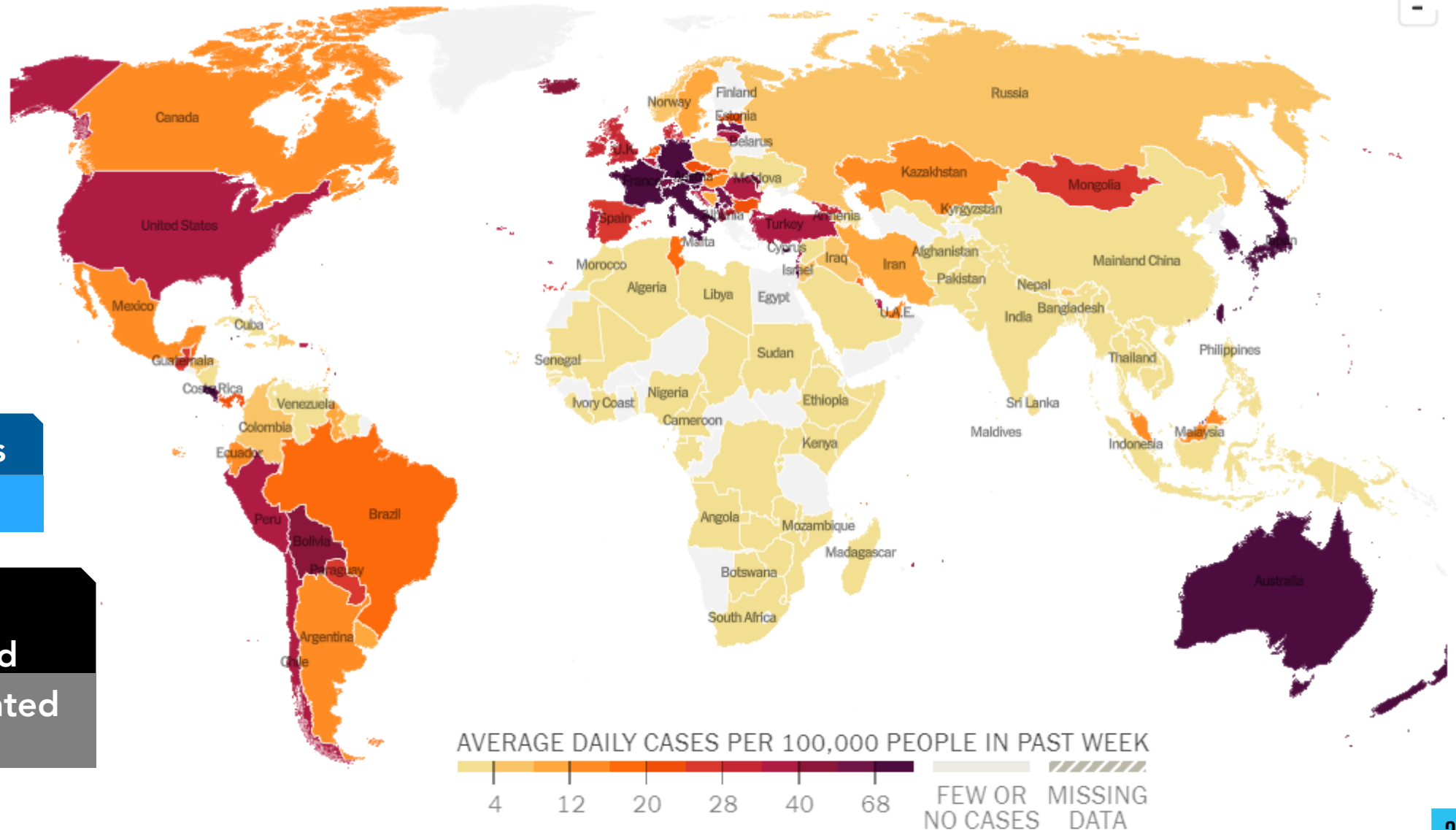


# Average daily COVID-19 cases per 100,000 population



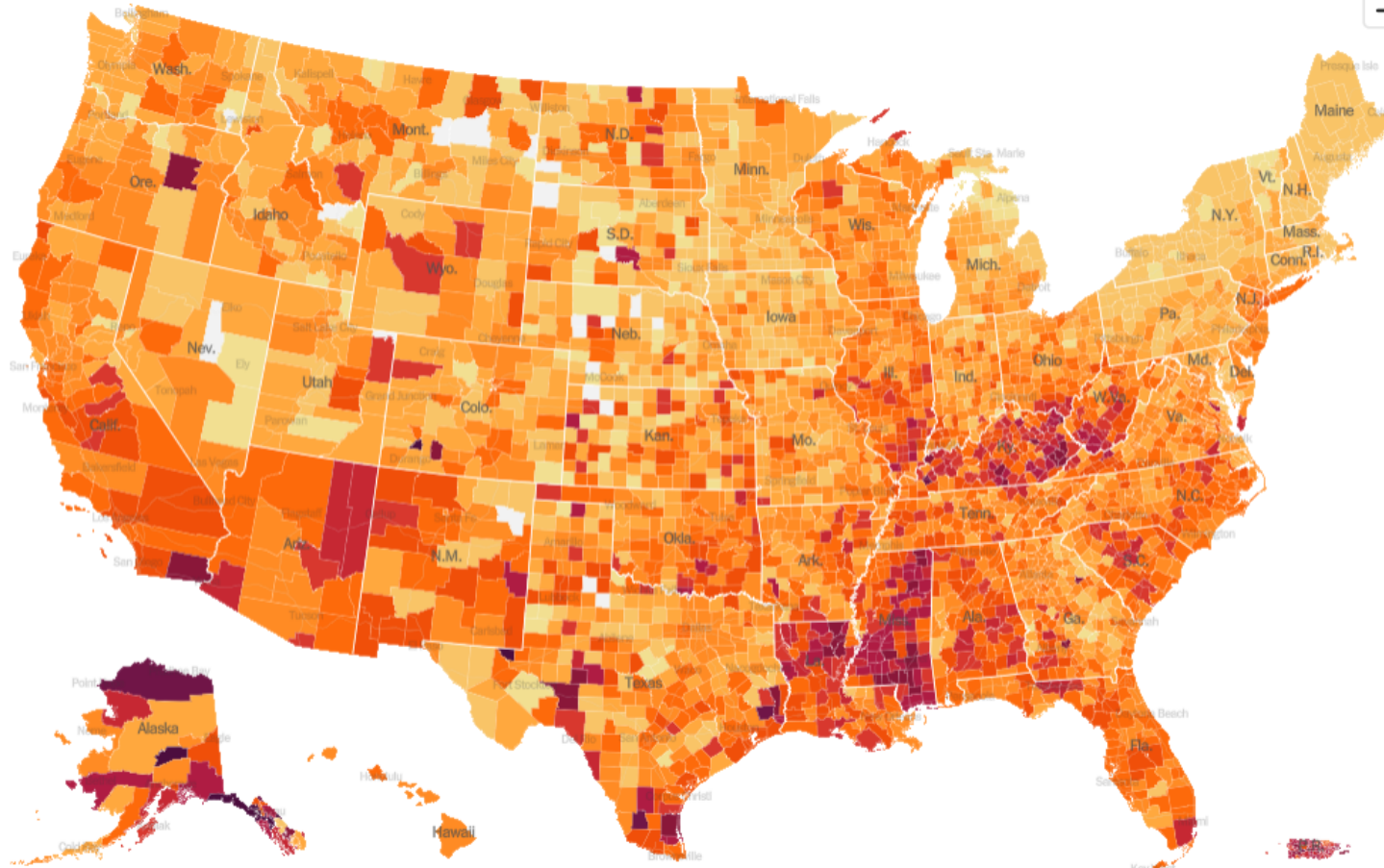
**572.2 Million Cases**  
**6.3 Million Deaths**

**12 Billion Vaccine  
Doses Administered**  
**5.29 Billion Vaccinated**  
(69% of population)





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



## Vaccinations

	FULLY VACCINATED	WITH A BOOSTER
All ages	67% <div><div></div></div>	32% <div><div></div></div>
65 and up	92% <div><div></div></div>	65% <div><div></div></div>

## National currently:

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

## Illinois currently:

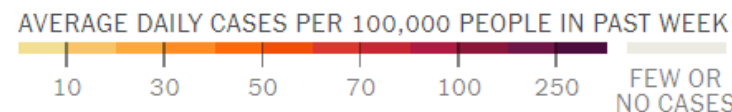
**42** diagnosed daily cases per 100,000 people

## Chicago currently:

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

90.6 Million Cumulative Cases

1.0 Million Cumulative Deaths

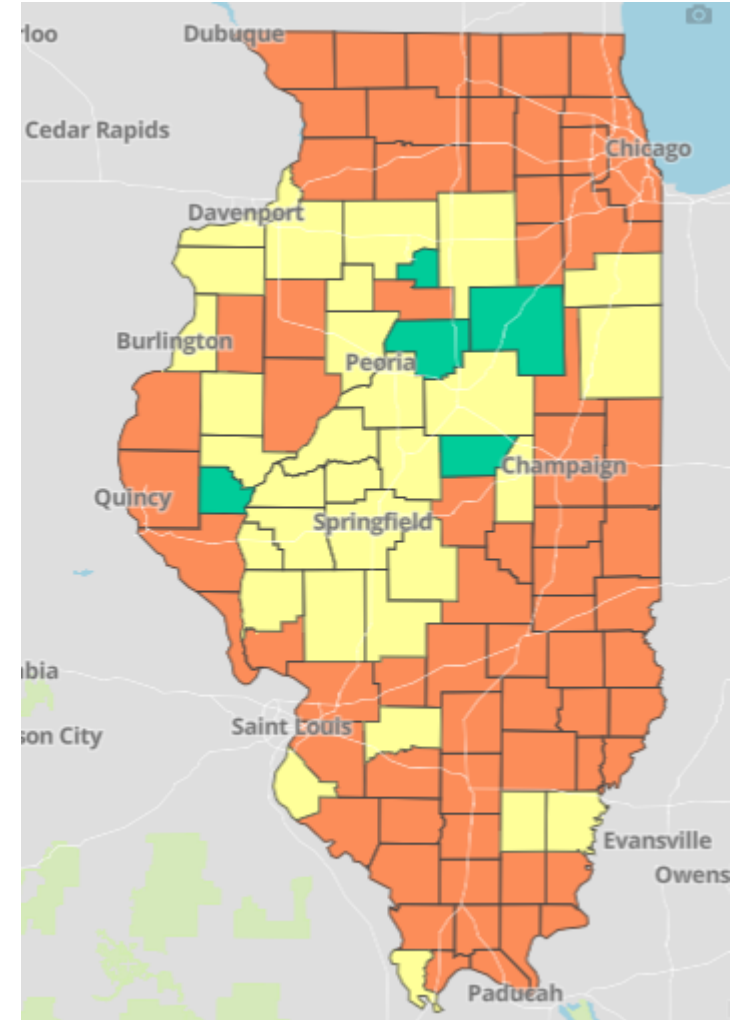
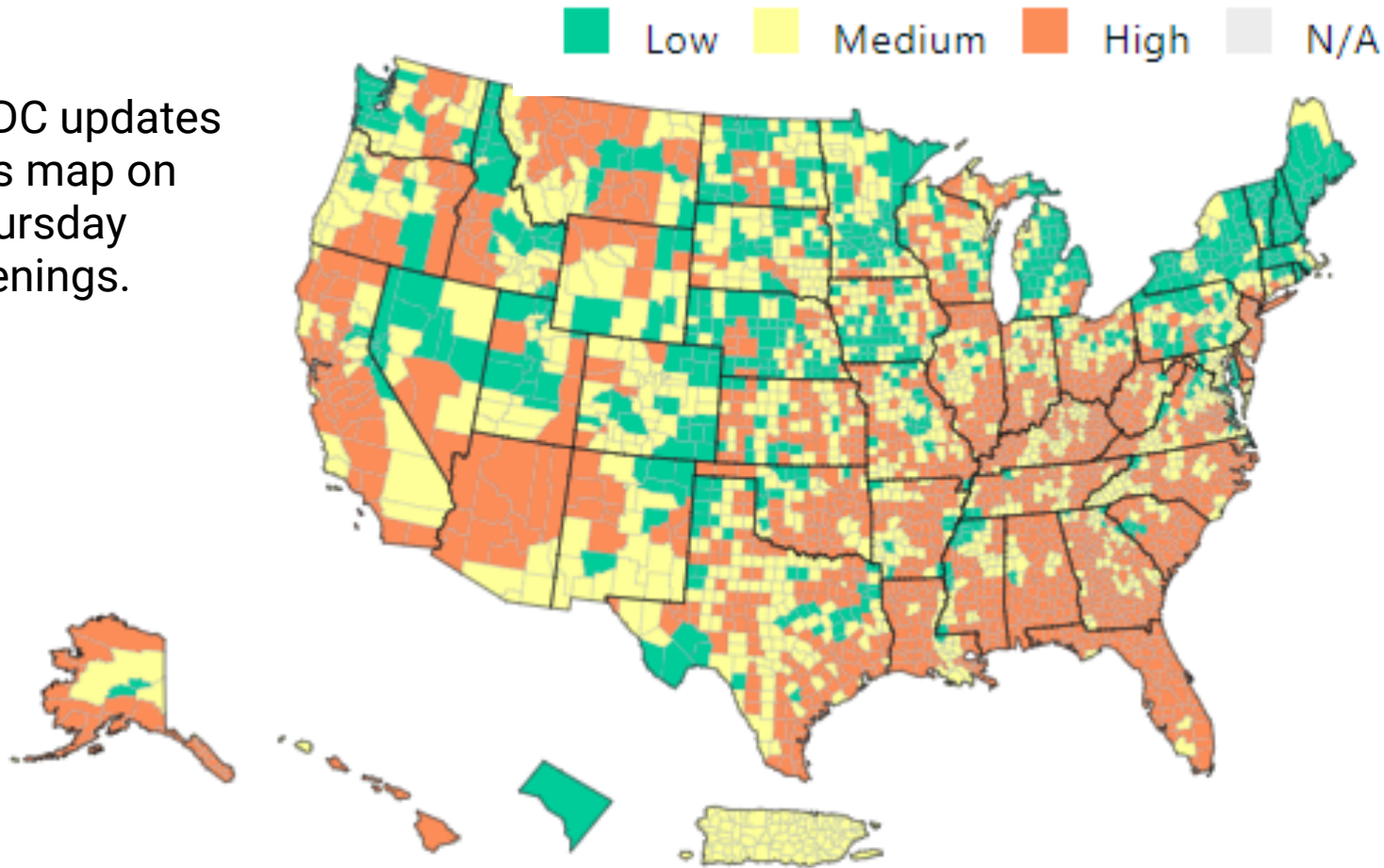




# COVID: In last week's CDC update, **81% of U.S. Counties** reported High or Medium COVID Community Level.



\*CDC updates this map on Thursday evenings.







**Our local risk based on CDC COVID-19 Community Levels is:**

High

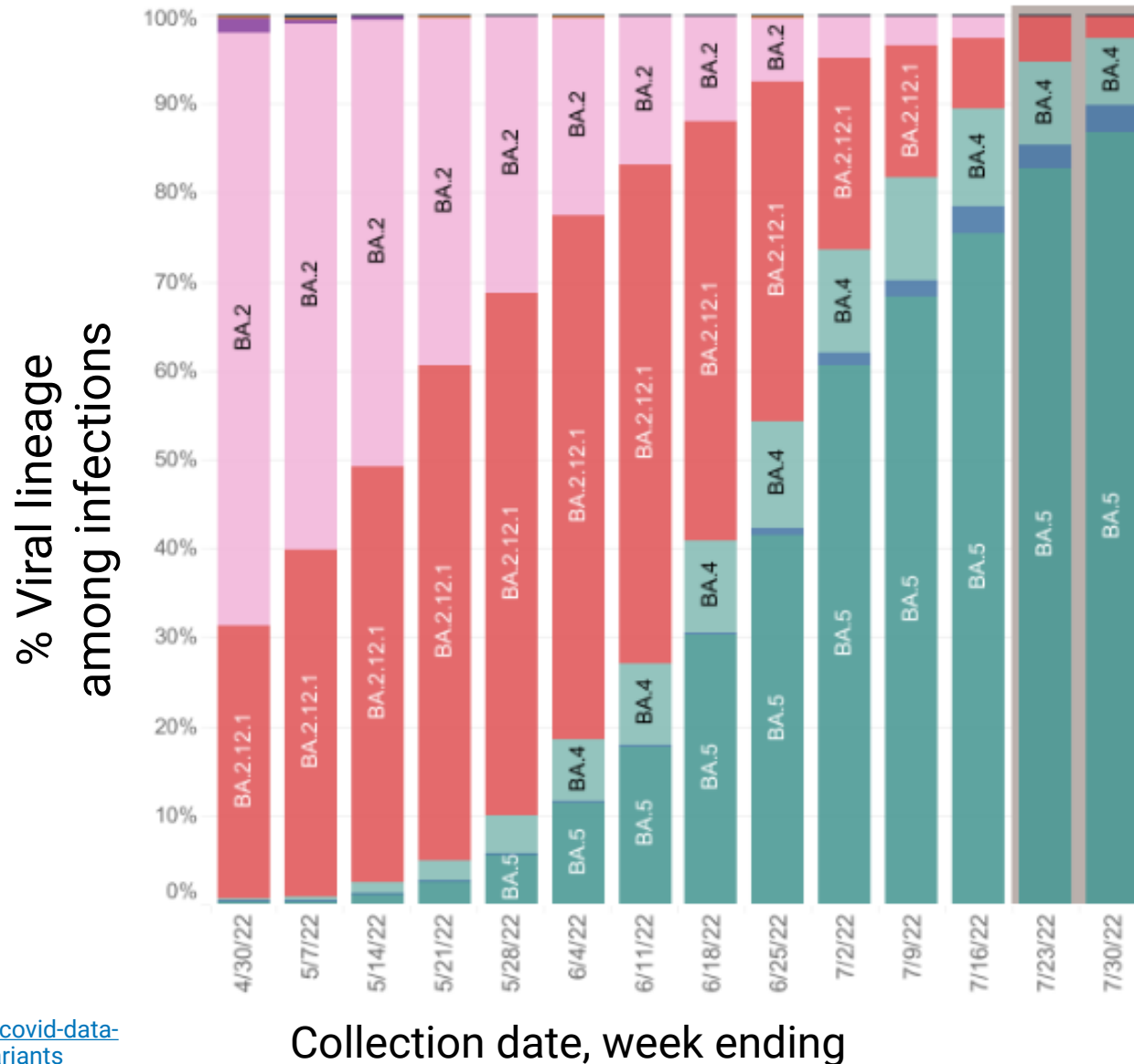
	New cases per 100,000 population (last 7 days) <i>[Goal is &lt;200]</i>	New admissions per 100,000 population (last 7 days) <i>[Goal is &lt;10]</i>	Percent of staffed inpatient beds occupied by COVID-19 patients (last 7 days) <i>[Goal is &lt;10%]</i>
City of Chicago	224	4.5	4.4%
Cook County (including City of Chicago)	247	12.6	4.5%

*Chicago metrics are calculated based on Chicago-level data.  
Cook County metrics are calculated by the CDC and posted on the [CDC Community Levels website](https://www.cdc.gov/covid19/community-levels/).  
Data current as of 7/29/2022.*



# Variant Surveillance, Midwest Region

## Continued evolution of more infectious Omicron subvariants; increased BA4/5



***It's ALL OMICRON***  
***(and now nearly all BA4/5)***

**BA.2 (0.1%)**

**BA.2.12.1 (2.6%)**

**BA.4 (7.5%)**

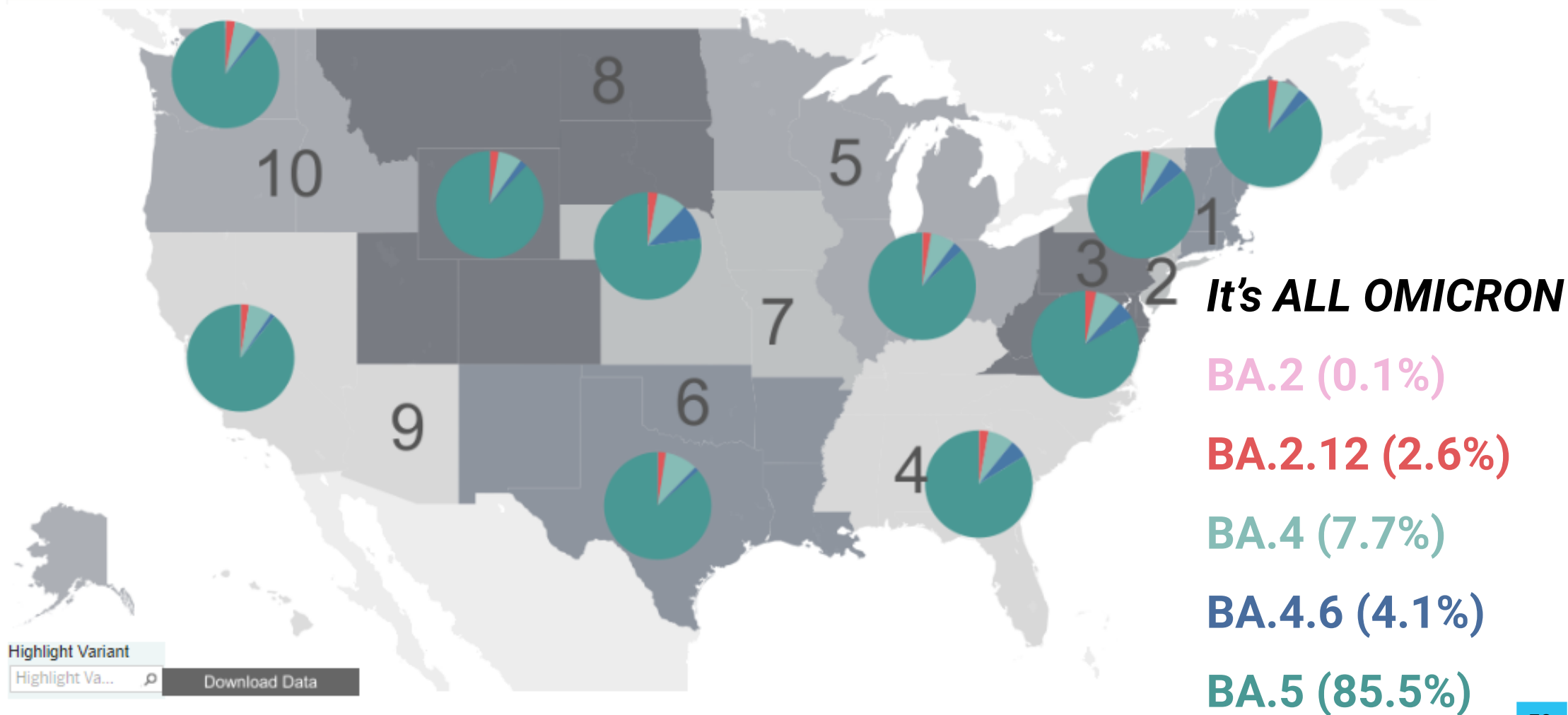
**BA.4.6 (3.0%)**

**BA.5 (86.8%)**



# SARS-CoV-2 Variant Surveillance, United States

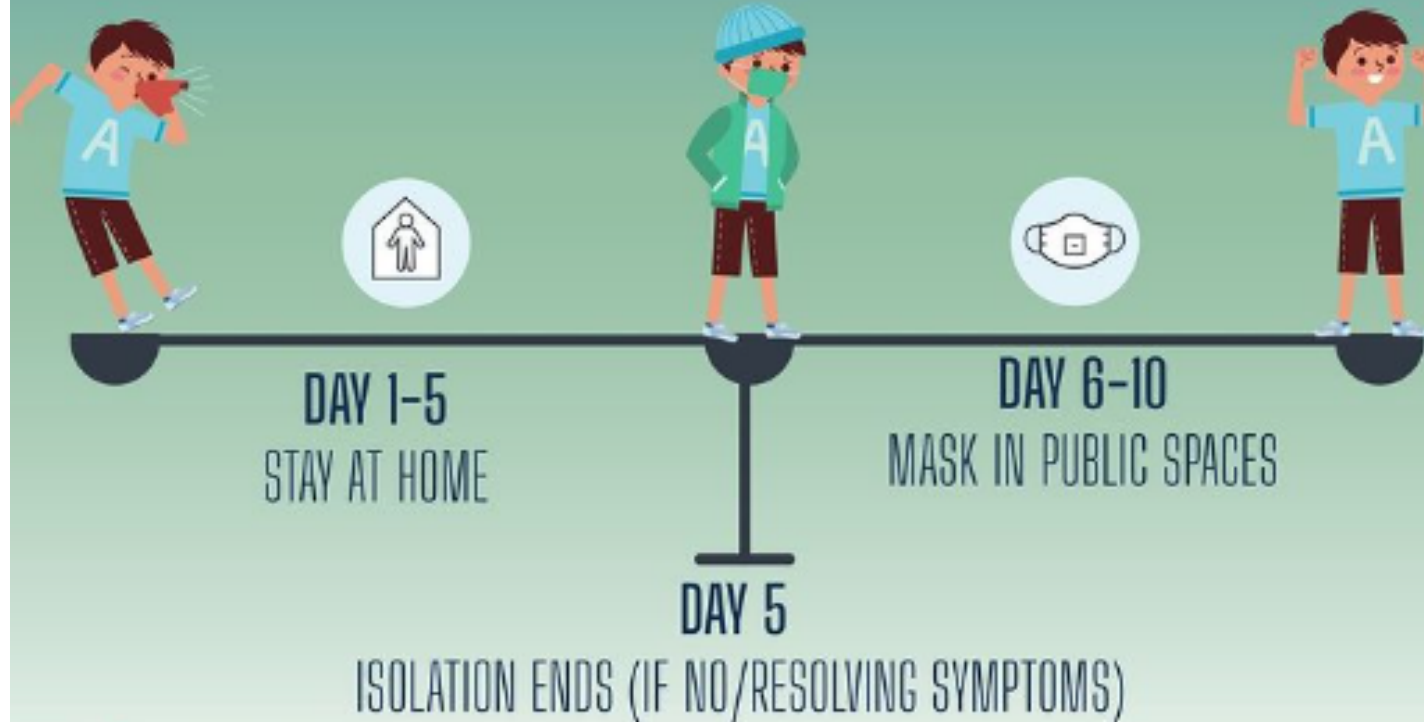
United States: 7/24/2022 – 7/30/2022 NOWCAST





# 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.







Did you get  
vaccinated for  
COVID-19 in 2021, but  
**haven't gotten  
a booster yet?**



# IT'S TIME!



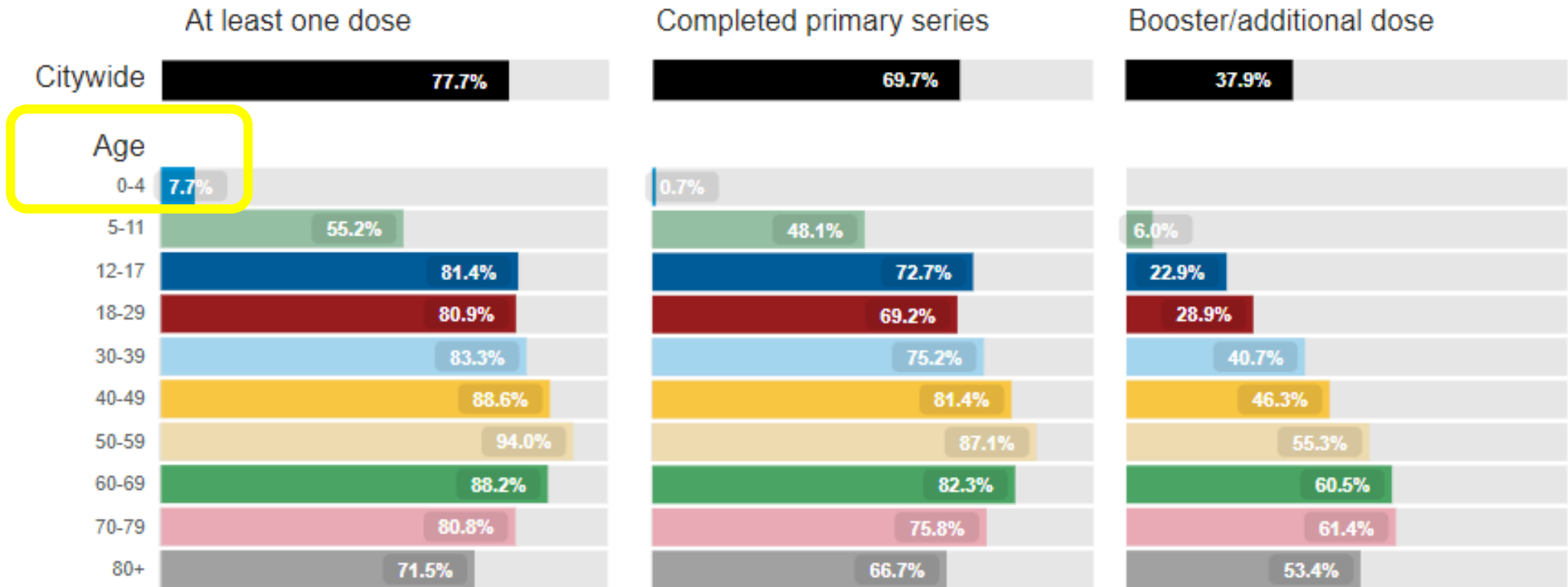
Everyone 5 or over should have a vaccine booster at least  
**5 MONTHS** after completing their  
initial vaccine series.

*Individuals ages 5-17 should receive a Pfizer booster. For individuals 18+, Pfizer and Moderna are preferred over J&J for booster doses.*



# Chicago: COVID-19 Vaccine Coverage

7.7% (roughly 12,500) of Chicagoans under 5 have received one dose of COVID vaccine.







# FAMILY COVID VACCINE CLINICS

ADULT / PEDIATRIC VACCINE DOSES & BOOSTERS AVAILABLE

**SATURDAYS • 9AM - 2PM**

## KENNEDY-KING COLLEGE

6301 S Halsted St

June 25 / July 23 / August 20

## WILBUR WRIGHT COLLEGE

4300 N Narragansett Ave

July 2 / July 30 / August 27

## RICHARD J. DALEY COLLEGE

7500 S Pulaski Rd

July 2 / July 30 / August 27

## TRUMAN COLLEGE

1145 W. Wilson Ave

July 9 / August 6 / September 3

## MALCOLM X COLLEGE

1900 W Jackson Blvd

July 9 / August 6 / September 3

**THIS  
SATURDAY**

**Open to all Chicagoans 6M+. Registration recommended.  
Walk-ins accommodated as space allows.**

Pfizer and Moderna vaccines offered for children age 6 months through 4 years,



# GET VAXXED AT HOME!

- Anyone age 6 months and older can get a COVID-19 vaccine at home
- Moderna (age 6 months through 5 years) and Pfizer (age 6 months and older) will be offered. Those eligible for a booster can also request a booster dose of Pfizer vaccine.
- Up to 10 people can get vaccinated at the same time
- Appointments: Saturday-Tuesday, 8:00 am to 6:30 pm



**UPDATE: Through August 30, 2022**

**Any Chicagoan age 5+  
can receive a \$50 gift  
card for booster doses\*  
regardless of zip code.**

\*Patients must verify they have not received more than \$100 in COVID-19 incentives to qualify. Incentives provided while supplies last. All gift cards will be delivered by mail, not at the time of the appointment.

Chicago residents of certain zip codes are eligible to receive a \$50 gift card for each dose of primary vaccine administered.

## ELIGIBLE CHICAGO ZIP CODES

60608, 60612, 60617, 60619, 60620, 60621, 60624,  
60628, 60633, 60636, 60637, 60644, 60649, 60651,  
60653, 60707, 60827

**FOR APPOINTMENTS:** [CHICAGO.GOV/ATHOME](https://chicago.gov/athome) • 312-746-4835



Need a vaccine or a booster?  
Have questions?

visit

**CHI.GOV/COVIDVAX**

or call

**312-746-4835**



**PROTECT  
CHICAGO** ★

**HAVE QUESTIONS  
ABOUT  
MONKEYPOX** ?

visit

**CHICAGO.GOV/MONKEYPOX**

or call

**312-746-4835**

**HIV/STI Resource Hub: 844-482-4040**




**PROTECT  
CHICAGO** ★





**Next Week!**



**Tuesday, August 9th**    ★ 11 am

**Your questions about  
COVID-19, vaccines, and  
Chicago Public Schools,  
answered.**

LIVE on Facebook & Twitter | #AskDrArwady

Dr. Arwady & CPS CEO Pedro Martinez will sit down and answer your questions about all things COVID-19 and schools.

