

### Ask Dr. Arwady

**August 30, 2022** 



### 📉 🔭 August 31 is International Overdose Awareness Day

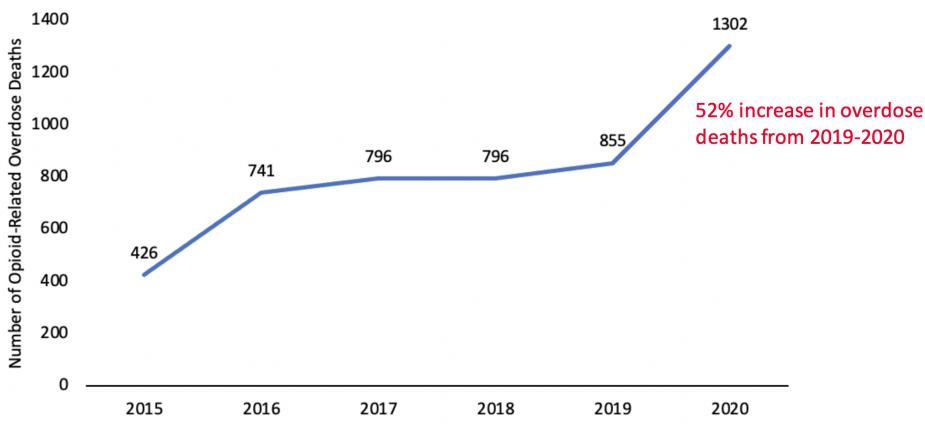
Learn what YOU can do to #EndOverdose

Follow CDPH on Social Media @ChiPublicHealth



#### Overdose fatalities increased to record levels in 2020

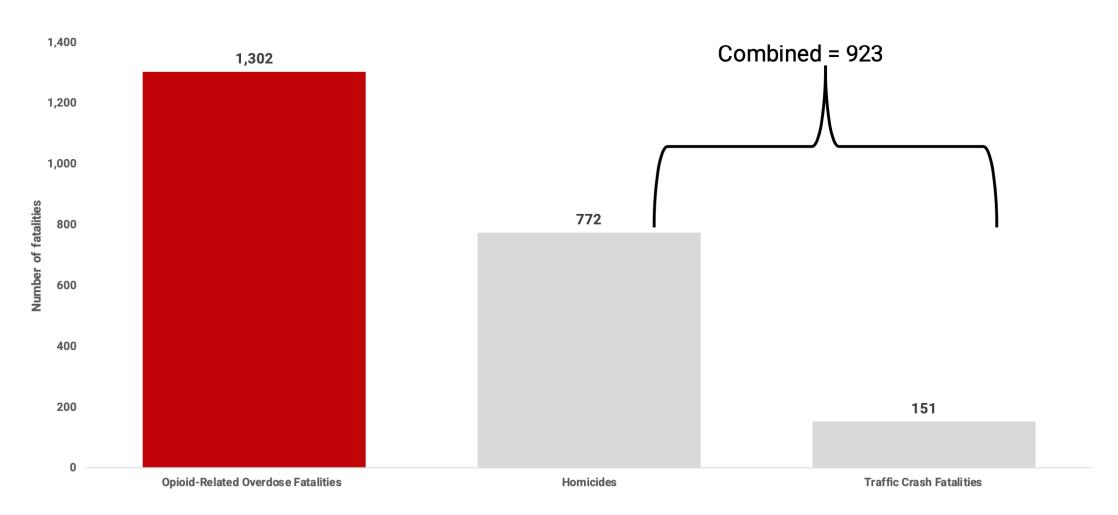




Data Source: Cook County Medical Examiner Office

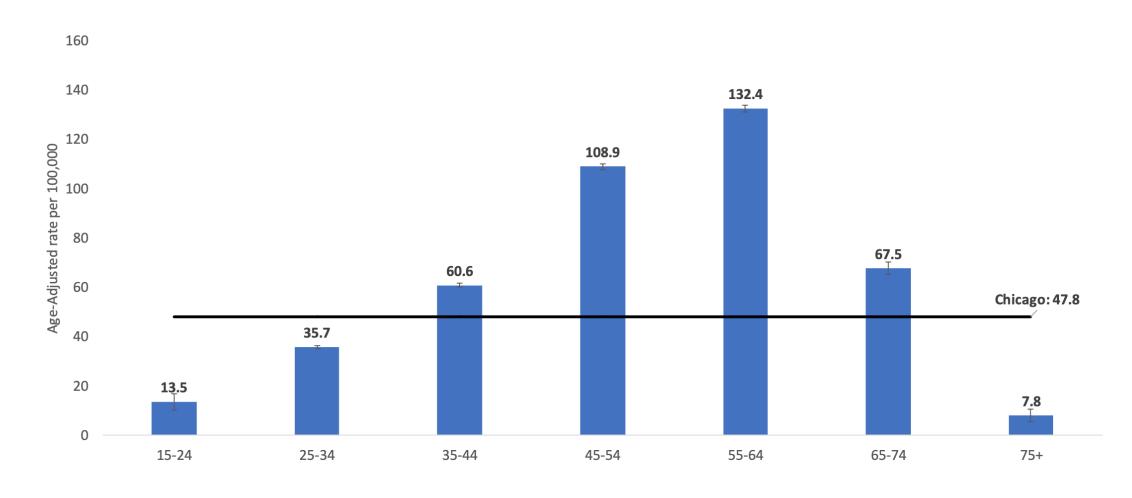


### There are more opioid-related overdose deaths in Chicago than homicides and traffic crash fatalities combined





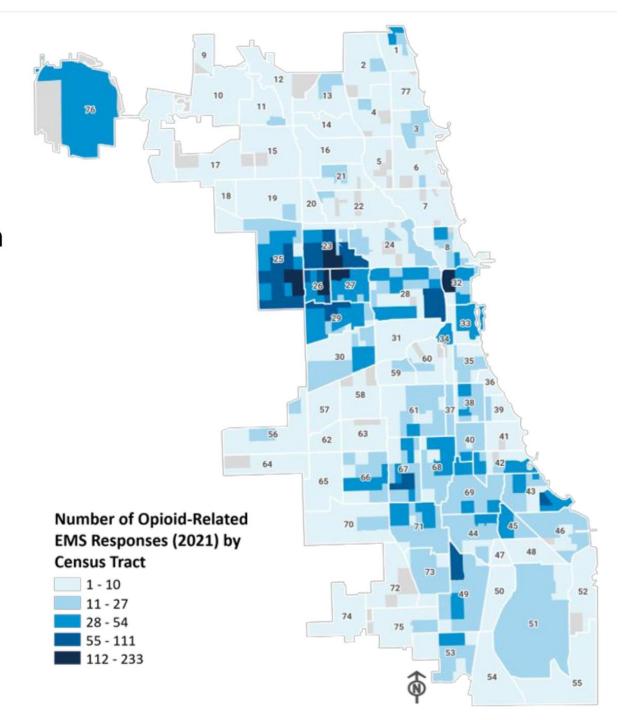
## In 2020, opioid-related overdose death rates the highest among **45–64-year-olds**





97% of Chicago's community areas were home to at least one resident with a fatal opioid-related overdose in 2020.

**100%** of Chicago's community areas were home to an opioid overdose (fatal or nonfatal) in both 2020 and 2021.





LEARN WHAT YOU CAN DO TO END OVERDOSE:

## CARRY NARCAN



Narcan is a safe and effective medication that reverses an opioid overdose

# You can find Narcan for free at 51 Chicago Public Libraries

To request fentanyl test strips, email OSU.CDPH@CITYOFCHICAGO.ORG





#### Can you recognize the signs of opioid overdose?

Signs: slow, shallow breathing, choking, limp body, pale/blue/cold skin, falling asleep or lack of consciousness, very small pupils







If you think someone is overdosing, call 911 and use naloxone if you have it

#### Overdose affects every community in Chicago.

Visit the Health Atlas to view overdose data: chicagohealthatlas.org

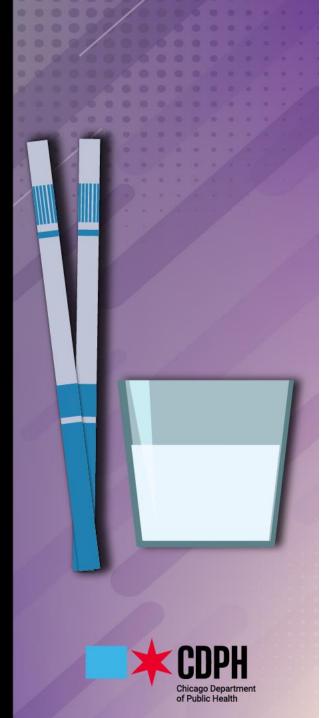




Fentanyl is increasingly found in substances like pills and cocaine. To be safer, use fentanyl test strips to test for fentanyl before using.

To access free fentanyl test strips, email: OSU.CDPH@CITYOFCHICAGO.ORG

#EndOverdose #iOAD2022







#### **Fentanyl Test Kits**

In 2020, Fentanyl was involved in 86% of opioid-related overdose deaths in Chicago. In 2020, 38% of deaths involved fentanyl only.

CDPH has distributed over 65,000 fentanyl test strips to individuals and organizations citywide.









# LEARN WHAT YOU CAN DO TO END OVERDOSE: ACCESS TREATMENT



Medication assisted recovery (MAR) involves the use of medications to treat opioid use disorder.

MAR reduces the risk of overdose, reduces illicit drug use, and retains patients in treatment.



If you want help with opioid use, call 833-234-6343
7 days/week and ask for MAR NOW. This program will connect you immediately to a treatment provider, and help with transportation and insurance enrollment.



MAR NOW is available to all Chicagoans, regardless of insurance status or ability to pay.



### LEARN WHAT YOU CAN DO TO END OVERDOSE: REDUCE ST



Stigma around opioid use and overdose can prevent people from accessing the help that they need.



Opioid use disorder is a medical condition, not a character flaw.

Treatment is effective, and relapse is not failure.



Use destigmatizing language.



Avoid words like "abuse, abuser, addict, clean."

Instead, use "use, person with an opioid use disorder, person in recovery"

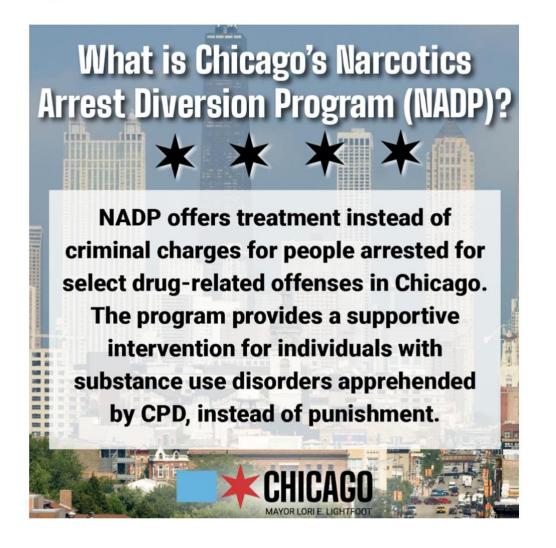


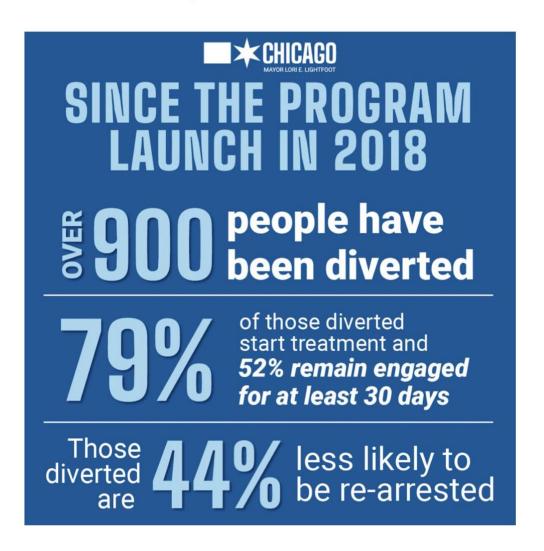
Medications to treat opioid use are available to all Chicagoans, regardless of insurance status, income, or ability to pay. Call 833-234-6343 for immediate help.





#### Narcotics Arrest Diversion Program







#### Overdose Awareness Event







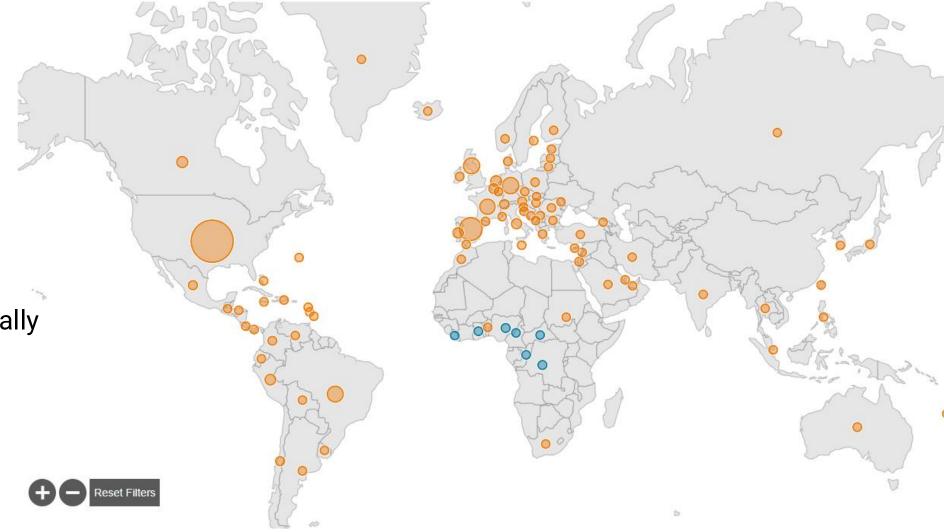
### Monkeypox Update

**August 30, 2022** 

# 2022 MPV global outbreak: 48,844 Total Confirmed Cases identified in 99 countries

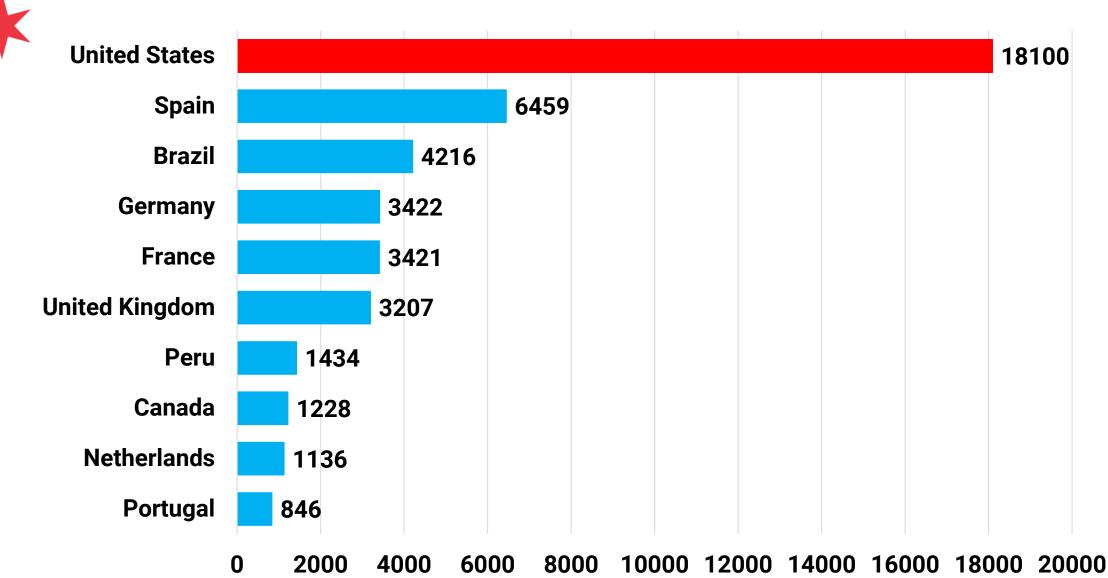
Has not historically reported monkeypox

Has historically reported monkeypox

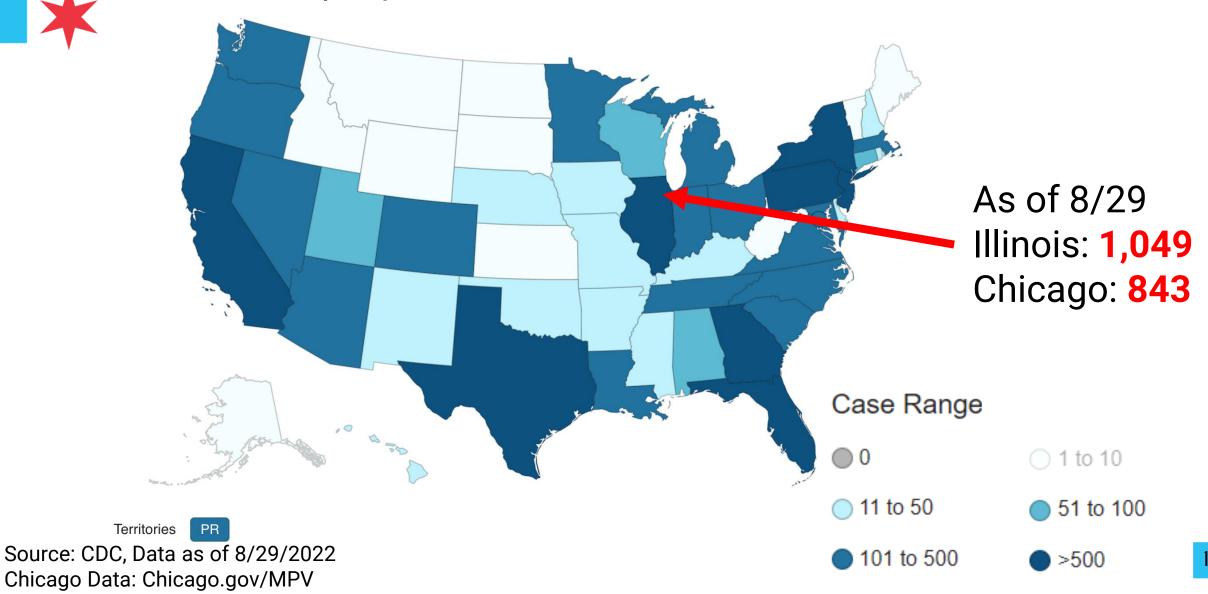


Source: CDC, Data as of 8/29/2022

### Countries with the Highest Number of Reported MPV cases – 8/29/2022

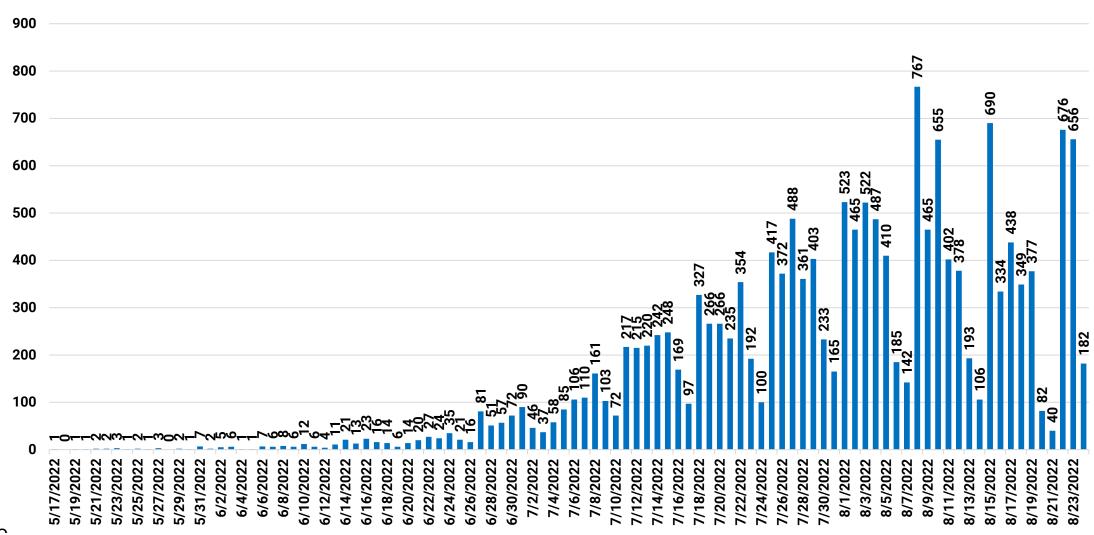


### In the U.S., 18,101 Total Confirmed MPV Cases identified





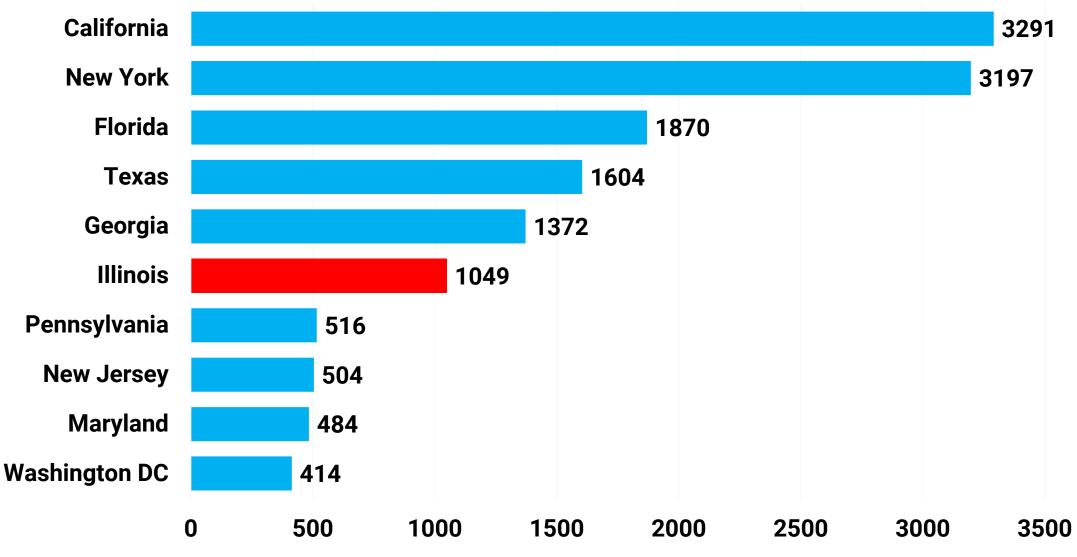
#### U.S. Monkeypox Case Trends Reported to CDC – 8/24/2022



Source: CDC

### States with the Highest Number Reported MPV Cases - 8/29/2022





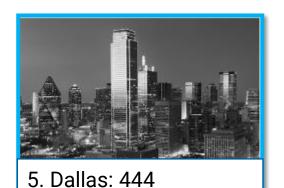
















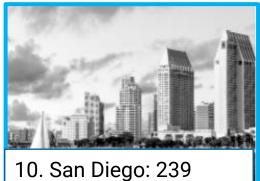


Cities with the Highest Number of Reported MPV Cases – 8.25.2022

Chicago ranked third with 800 MPV cases as of 8/25/22

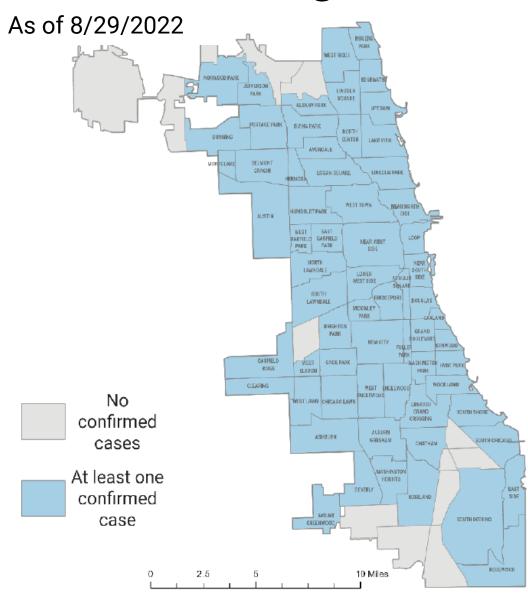


9. Seattle: 257



## MPV is across Chicago: Residents of 65 of Chicago's 77 community areas have been diagnosed with MPV to date





### MPV cases diagnosed in Chicago residents (updates M-F)



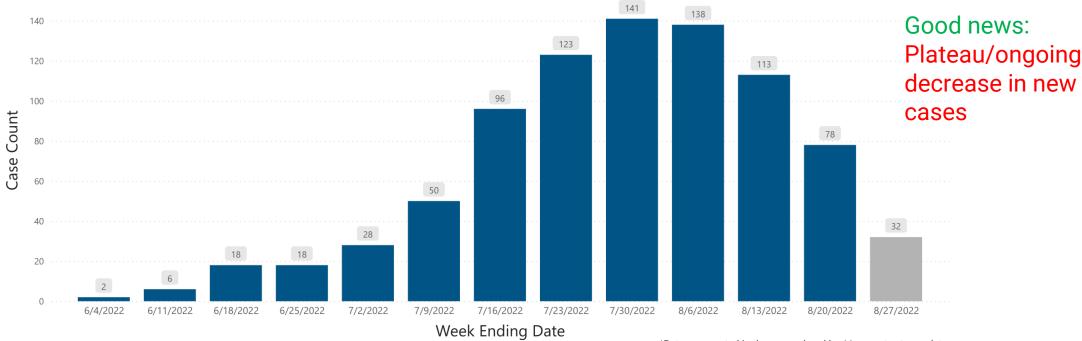
Cumulative Cases 843

Cumulative Hospitalizations
48

Cumulative Deaths

O

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



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

# Outbreak is slowing: "Doubling Time" continues to get longer

How quickly is the outbreak growing?

How quickly is the outbreak growing?

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take to double the double the cases?)

(How many days does it take to double the double the cases?)

How quickly is the outbreak growing?

Cases?

Current 7-I

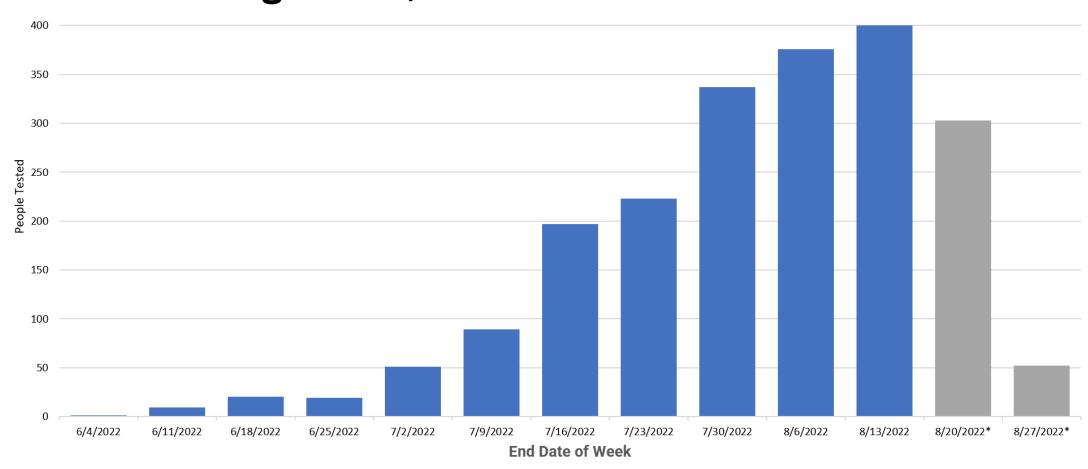
Longer is better

Current 7-Day Average: 9.0 cases per day Doubling Time (for all time): 10.3 days Previous Two Weeks Doubling Time: 49.9 days

\*All three calculations based on collection dates up to 08/24/2022



# Weekly Volume of People Tested for MPV, Chicago, IL. June 1 to August 24, 2022





### Demographics of Chicagoans diagnosed with MPV

Age Group	Count	(%)
0-17	0	(0%)
18-24	49	(6%)
25-34	369	(44%)
35-44	260	(31%)
45-54	118	(14%)
55-64	44	(5%)
65+	3	(0%)
Unknown	0	(0%)

Race/Ethnicity	Count	(%)
Asian, non-Latinx	26	(3%)
Black, non-Latinx	188	(22%)
Latinx	267	(32%)
White, non-Latinx	338	(40%)
Other, non-Latinx	11	(1%)
Unknown	13	(2%)





Sex	Count	(%)
Male	832	(99%)
Female	10	(1%)
Other	0	(0%)
Unknown	1	(0%)

Gender	Count	(%)
Man	759	(90%)
Woman	5	(1%)
Transgender Man	4	(0%)
Transgender Woman	6	(1%)
Other	6	(1%)
Unknown	63	(7%)

Sexual Orientation	Count	(%)
Gay/Lesbian	575	(68%)
Bisexual	40	(5%)
Straight/Heterosexual	28	(3%)
Other	7	(1%)
Unknown	193	(23%)

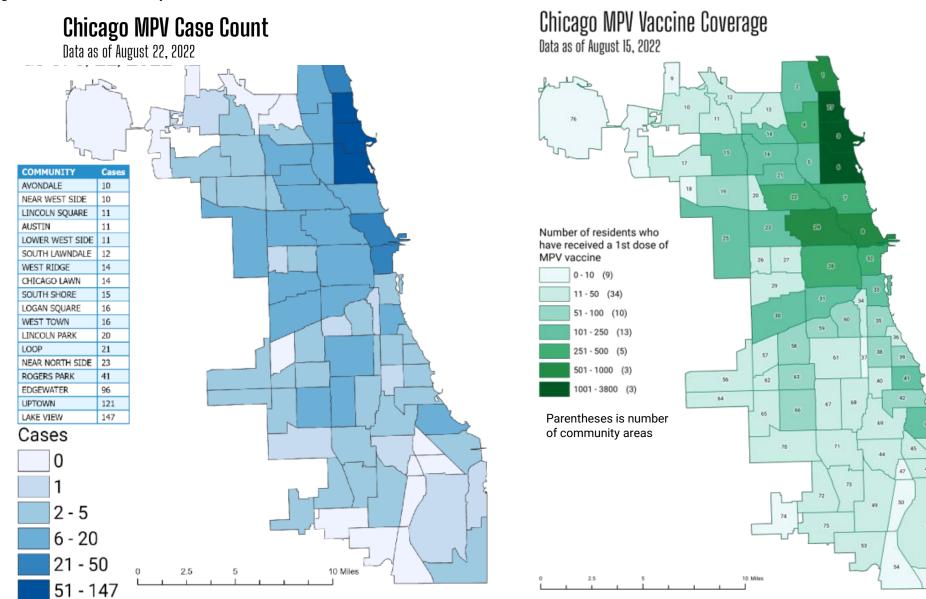
95% of Chicagoans reporting their sexual orientation have been gay or bisexual

- •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.

#### Good match on geography of MPV cases and MPV vaccines

(by resident address)







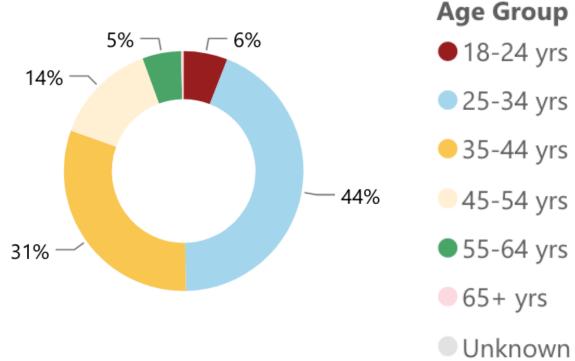
# Good match on sex distribution among cases and those vaccinated against MPV



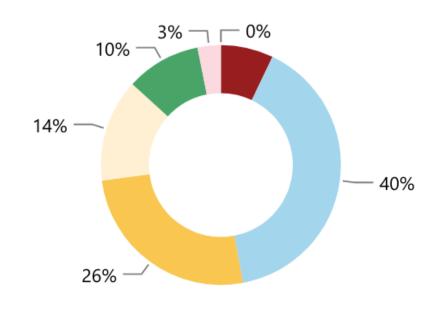


# Good match on age distribution among cases and those vaccinated against MPV

#### **MPV Cases**



#### **Chicagoans Vaccinated**

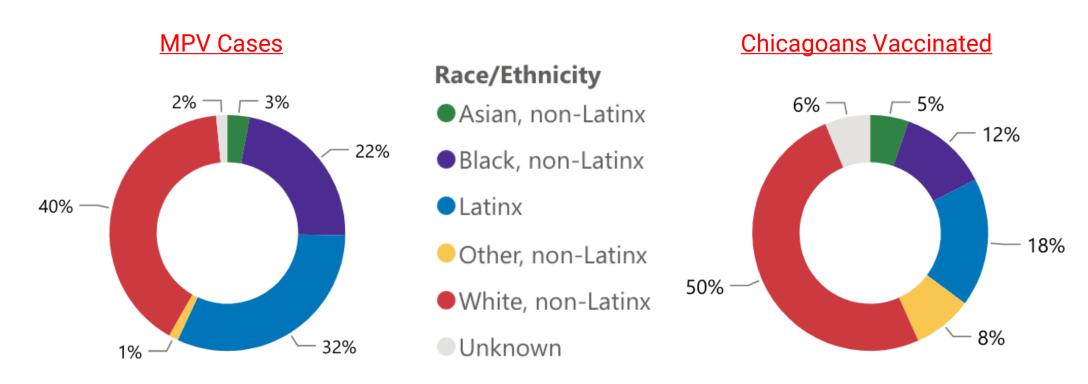


Data reported as of 8/29/2022. Demographic information is captured differently between cases and those vaccinated in I-CARE. Interpret comparisons with caution.



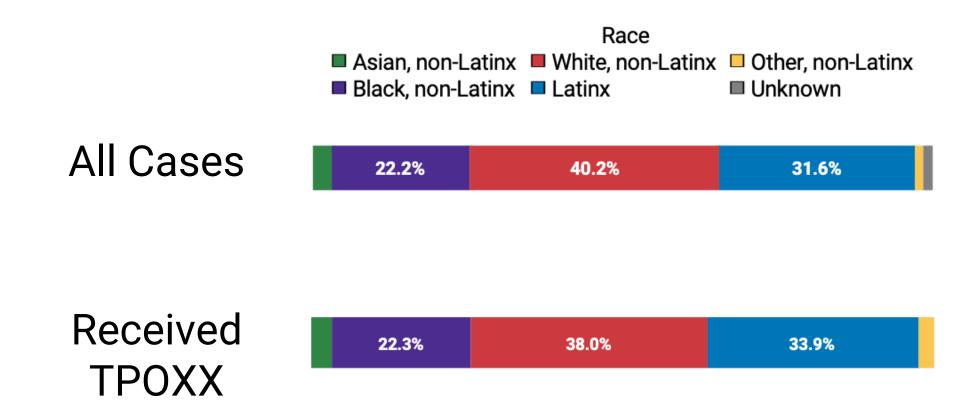
## Continued focus on increasing testing and vaccination among Latinx and Black Chicagoans at increased risk:

While 32% of MPV cases have been in Latinx Chicagoans, as of August 29, 18% of MPV vaccines had gone to Latinx Chicagoans.





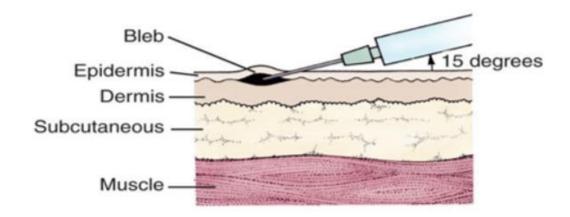
## Excellent match on race/ethnicity of MPV cases and Chicagoans who received TREATMENT (TPOXX) for MPV (As of 8/29/2022)





### MPV Vaccine Administration by Intradermal injection

- FDA issued Emergency Use Authorization permitting JYNNEOS vaccine to be administered in smaller doses by intradermal injection
  - Much shallower injection, just under surface of skin (rather than a larger dose in a deeper layer of the skin)
  - Similar technique to tuberculosis skin test
- This injection approach allows vaccinators to give up to five vaccinations (typically four), rather than one, from each existing vaccine vial--significantly increasing the reach of the available vaccine
- Good News: As of last week, the large majority of vaccination sites in Chicago have already switched to this mode of administration
  - Intradermal is appropriate for second doses, even if the first dose was administered subcutaneously









- Eligibility for the monkeypox vaccine has expanded in Chicago to:
  - \* ALL sexually active Gay, Bi and other men who have sex with men
  - \* ALL sexually active transgender persons
- Second dose registration is open!
- Plenty of appointments available!







### AS OF 8.18.22 YOU ARE ELIGIBLE FOR A MPV VACCINE IF YOU:

- 1. Live anywhere in Chicago or Illinois and have not previously been infected with MPV AND meet the criteria below:
- 2. Have had close contact (e.g., household members with close physical contact or intimate partners) with someone diagnosed with MPV regardless of sex, gender, or sexual orientation OR

Are a gay, bisexual, or other man who has sex with men and/or transgender person who is sexually active.

If you meet eligibility criteria, especially consider getting vaccinated if you met recent partners through online applications or social media platforms (such as Grindr, Tinder or Scruff), or at clubs, raves, sex parties, saunas, or exchange good or services for sex.

At this time, MPV vaccine is NOT recommended for the general public. As vaccine supply increases, guidance may evolve.





## ANNOUNCEMENT

#### MPV VACCINATIONS AVAILABLE 6 DAYS A WEEK

AT THREE CDPH STI SPECIALTY CLINICS

BY APPOINTMENT ONLY!

Lakeview • 2849 N Clark St, 1st Floor

Austin • 4909 W Division St, Suite 411

Roseland • 200 E 115th St, Floor 1.5

Register at: getvaxchi.chicago.gov

**ELIGIBILITY REQUIREMENTS AT:** 





### \* Appointments available this weekend!

#### **Weekend MPV Vaccination Clinics**

Appointments are available this weekend, by appointment only, at:

- Truman College on Saturday, September 3, from 9 a.m. to 2 p.m. Register here: https://events.juvare.com/IL-IDPH/lxdpe/
- Malcolm X College on Saturday, September 3, from 9 a.m. to 2 p.m. Register here: https://events.juvare.com/IL-IDPH/xudqs/

Please visit the MPV Vaccine page for additional information and vaccination clinic locations.

#### loward Brown Health Clark Howard Brown Health Sheridan CDPH Lakeview Clinic AIDS Healthcare Foundation- North RMR Core Center UIC/Project WISH Esperanza California **MPV** AIDS Healthcare Foundation-South Esperanza Little Village Vellness Home- Halsted Vaccine loward Brown Health @ Thresholds South Esperanza Brighton Park Clinical Chicago Family Health Center Howard Brown Health 63rd Esperanza Marquette **Providers** Chicago Family Health Center Dozens of additional Chicago Family Health Center providers have received a Chicago Family Health Center small amount of vaccine Chicago Family Health Center to vaccinate close CDPH Roseland Clinic contacts of diagnosed cases among their existing patients.

#### Chicago Department Of Public Health: PEP Partners

CENTER	HOW TO SCHEDULE	
CDPH Lakeview Clinic	getvaxchi.chicago.gov referral code: f0969104	
CDPH Austin Clinic	getvaxchi.chicago.gov referral code: 2774ae3b	
CDPH Roseland	getvaxchi.chicago.gov referral code: fb1c220e	
Calor	calor.org	
Howard Brown Health Clark	773-388-1600	
Howard Brown Health Sheridan		
Howard Brown Health 63rd		
Howard Brown Health 55th		
Wellness Home-Lakeview	773-296-2400	
Wellness Home-Halsted	773-621-7725	
RMR Core Center	312-572-4500	
Rush University	888-352-7874	
Esperanza	esperanzachicago.org	
Project Wish/ UIC	UIC MPX (Monkeypox) Outreach Sign-Up Form	
UI Health Eye and Ear Infirmary	monkeypox.uihealth.care	
Alivio Medical Center	aliviomedicalcenter.org	

## Many mobile and LGBTQ+ focused vaccination events and locations

- Alfresco Event w/ PRCC
- CALOR
- Center on Halsted-South & North
- Jackson Park
- Life is Work
- Pride South
- Silver Room Block Party
- SWOP- Sex Workers Outreach Project-Chicago
- Taskforce
- The Promontory
- TPAN
- Vogue University

- Bassline Event
- Cell Block
- Chicago Coalition of Kink Clubs
- Fantasy Event
- Hydrate
- Jefferey Pub
- Onyx (Club Escape)
- Steamworks
- Touche'





## WHAT WE KNOW SO FAR.

#### **HIGHEST RISK**

- Sexual or intimate contact (even when wearing condoms)
- Direct contact with the infection rash, scabs, or body fluid

#### **SOME RISK**

- Kissing / Cuddling
- Dancing at a crowded party inside with non-fully clothed people
- Sharing drinks
- Sharing a bed, towels or personal toiletry items

#### UNLIKELY

- Dancing at a crowded party outside or inside with fully clothed people
- Coworker-to-Coworker transmission
- Touching a doorknob

- Trying on clothing in a store
- Traveling in an airport or on a plane
- In a swimming pool, hot tub or body of water
- In public restrooms or on public transit
- At a grocery store, coffee shop or a gym (via equipment)





# HAVE QUESTIONS ABOUT MONKEYPOX

visit

### CHICAGO.GOV/MONKEYPOX

or call

312-746-4835

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





## COVID-19 Update

**August 30, 2022** 



## Big News: U.S. is likely nearing release of an updated version of the original COVID vaccine

- Last week, Pfizer and BioNTech announced that they've asked the FDA to authorize an updated version of their COVID-19 vaccine — this one designed specifically to target the omicron subvariants that are dominant in the U.S. Moderna has also submitted.
  - More than 95% of cases are now caused by the BA.4 and BA.5 subvariants, while the vaccines being used were designed for the original coronavirus strain from 2019-2020.
- The new vaccine is "bivalent" meaning it's a mix of two versions of the vaccine both boosting protection against original coronavirus strain as well as (newly) protecting against the BA.4 and BA.5 Omicron subvariants.
- If the vaccine is authorized by the FDA and approved by the CDC, vaccination could begin potentially as soon as the week after Labor Day



## Who is expected to be eligible to receive the updated COVID vaccine (bivalent booster)?

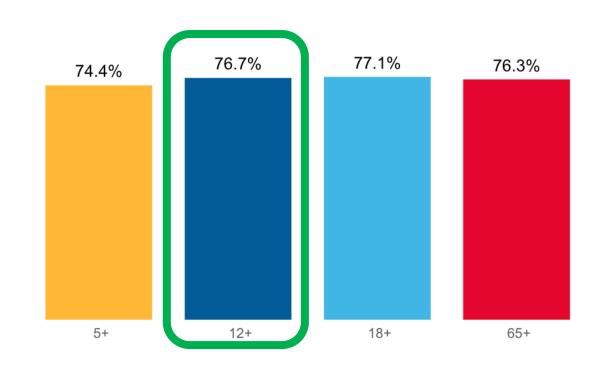
Pending FDA/CDC authorization, but likely anyone (age 12+) who has completed their primary series.

This is about 1.8 million Chicagoans or 77% of the age 12+ population

Completed vaccine series (% vaccinated as of 8/23/2022)

Chicagoans who have completed their primary vaccine series

- Citywide (all ages) = 70.1% or 1,877,894
  - 5+ = 1,882,801
  - 12 + = 1,780,119
  - 18+ = 1,648,274
  - $\bullet$  65+ = 276,551



## Preliminary questions/answers (could change based on FDA/CDC approvals)

Who can get the updated booster?

People who have completed a primary series (two doses of Pfizer or Moderna or one of J/J).

#### Does it matter whether I got a booster in the past?

No.

#### Are there age limits?

The Pfizer updated booster is for **age 12+**The Moderna updated booster is for **age 18+**[There may be an updated booster for younger children in the future.]

#### Will it still be free?

Yes, the federal government is providing the vaccine.

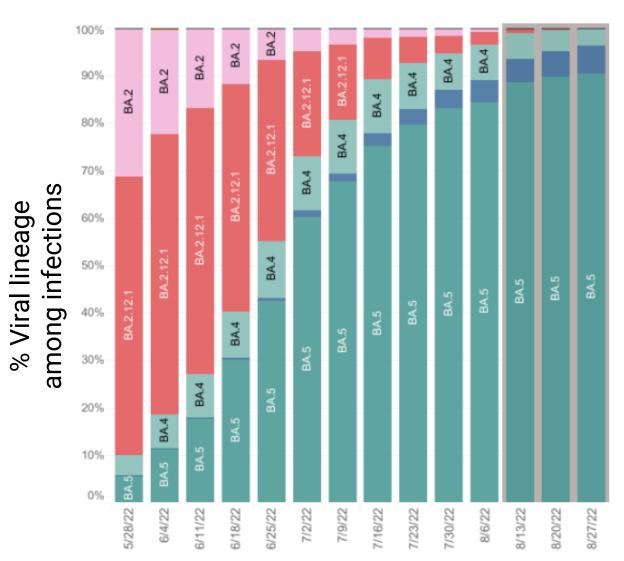
#### When will vaccine ship?

CDC is expecting to roll out both Moderna and Pfizer bivalent boosters at the same time, after Labor Day. Needs EUA approval from FDA (expected this week) to start shipping. Needs CDC/ACIP approval to start administering.

- ACIP meeting set for September 1-2 (this Th-F), so may have approval by end of week.
- First doses of vaccine could arrive in Chicago as early as Tuesday 9/5.

#### Variant Surveillance, Midwest Region Continued evolution of more infectious Omicron subvariants; increased BA4/5





#### **Good News:**

It's STILL ALL OMICRON

(and now nearly all BA4/5)

BA.2.12.1 (0.3%)

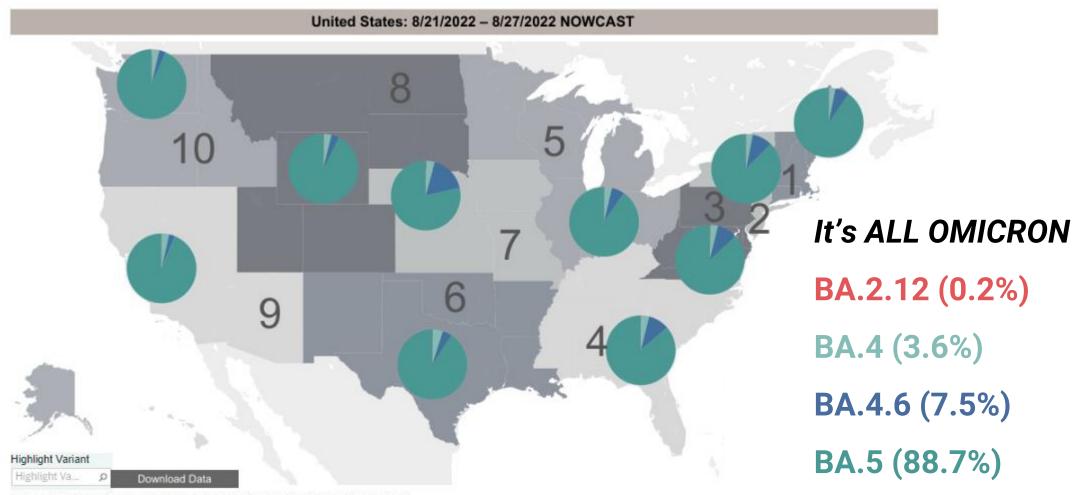
**BA.4 (3.5%)** 

**BA.4.6 (5.9%)** 

BA.5 (90.3%)

### SARS-CoV-2 Variant Surveillance, United States



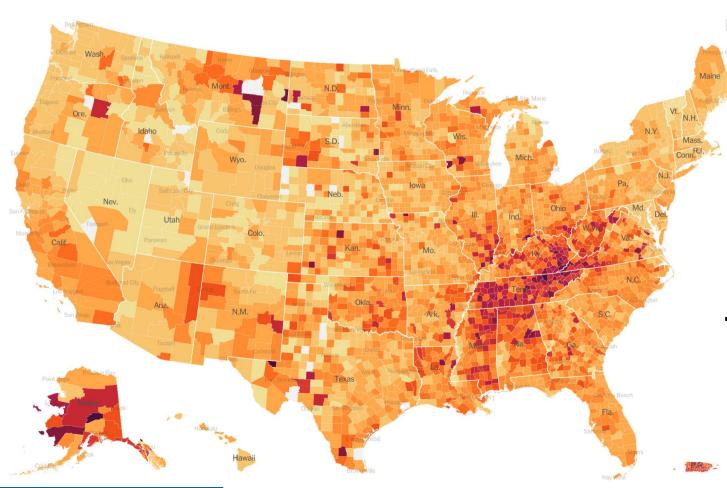


Lineages called using pangolin v4.1.2, pangolin-data v1.13 and usher v.0.5.4.

Lineage RA 1.1 and its sublineages are aggregated with B.1.1.529 at the regional level as they currently cannot be reliably called in each

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





#### **Vaccinations**

	Fully Vaccinated	With a Booster
All ages	67%	33%
65 and up	92%	65%

#### **National currently:**

27 diagnosed daily cases per 100,000 people

#### **Illinois currently:**

27 diagnosed daily cases per 100,000 people

#### **Chicago currently:**

graphs of the state of the stat

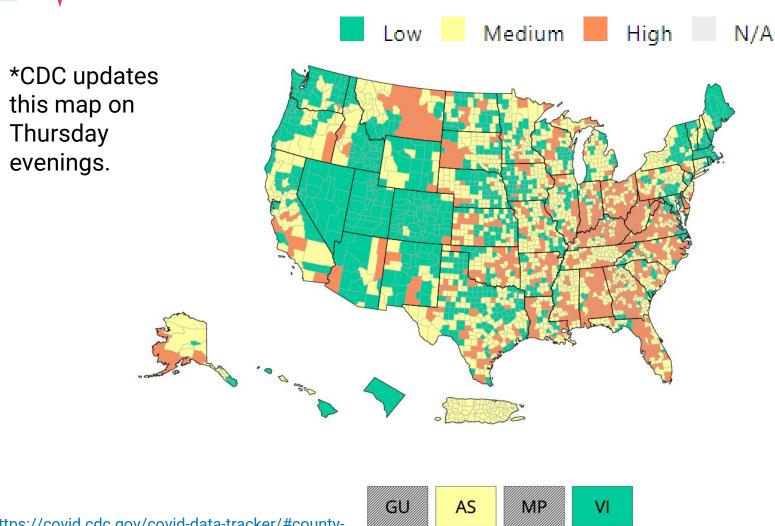
#### 93.9 Million Cumulative Cases

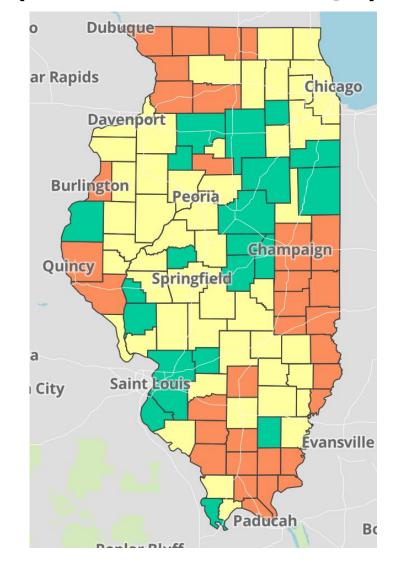
**1.04 Million Cumulative Deaths** 



## \*

## COVID: In last week's CDC update, 73% of U.S. Counties reported High or Medium COVID Community Level (80% two weeks ago).







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

### Medium

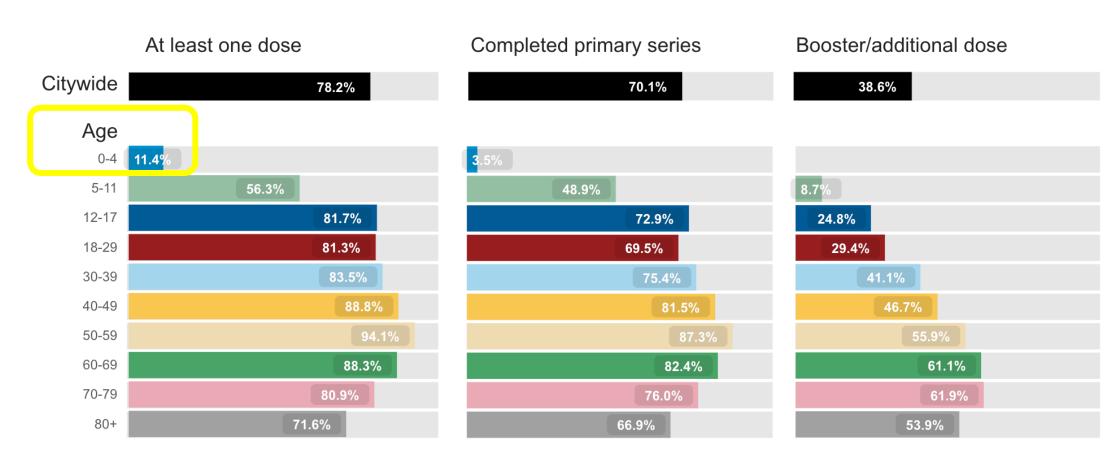
	New cases per 100,000 population (last 7 days) [Goal is <200]	New admissions per 100,000 population (last 7 days) [Goal is <10]	Percent of staffed inpatient beds occupied by COVID-19 patients  [last 7 days]  [Goal is <10%]
City of Chicago	138	8.6	4.2%
Cook County (including City of Chicago)	167	11.8	4.7%

Chicago metrics are calculated based on Chicago-level data.

Cook County metrics are calculated by the CDC and posted on the <u>CDC Community Levels website</u>. Data current as of 8/26/2022.



## Chicago: COVID-19 Vaccine Coverage 11.4% (roughly 18,500) of Chicagoans under 5 have received one dose of COVID vaccine.





### Review: Isolation versus Quarantine Guidance

- **Solation:** for those who have tested positive
  - NO CHANGE IN GUIDANCE!
  - MUST stay home minimum of 5 days from onset of symptoms or positive test
  - If symptoms have improved, can return to school/work at day 6—but mask through day 10
- Quarantine: for those who have been exposed but do not have symptoms
  - No longer required to stay out of school/work, regardless of vaccine status
  - You should
    - Monitor for symptoms (and test if you develop symptoms at any point)
    - Mask for 10 days after exposure, regardless of symptoms
    - Make sure: Take a test, regardless of symptoms, at least 5 full days after your last exposure



## TAKE ACTION IF YOU TEST POSITIVE FOR COVID-19











#### DAY 1-5

#### **Everyone:**

Stay home and away from others (isolate).

People at high risk for severe illness: Talk to your doctor about treatment

#### DAY 6 OR LATER

#### End isolation.

If you never had symptoms or if you are fever-free for 24 hours and other symptoms improved.

#### DAY 6-10

#### **Everyone through day 10:**

- Wear a mask or use 2 negative antigen tests 48 hours apart to decide when to stop wearing a mask.
- Avoid people at high risk of getting very sick.





# REGARDLESS OF YOUR COVID-19 COMMUNITY LEVEL, YOU SHOULD MASK IF YOU HAVE:





Symptoms of COVID-19



Positive COVID-19 test



Exposure to someone with COVID-19





SATURDAY

**SATURDAY** 

### FAMILY COVID VACCINE CLINICS

ADULT / PEDIATRIC VACCINE DOSES & BOOSTERS AVAILABLE

**SATURDAYS • 9AM - 2PM** 

KENNEDY-KING COLLEGE 6301 S Halsted St	August 20
WILBUR WRIGHT COLLEGE 4300 N Narragansett Ave	August 27
RICHARD J. DALEY COLLEGE 7500 S Pulaski Rd	August 27
TRUMAN COLLEGE 1145 W. Wilson Ave	September 3
MALCOLM X COLLEGE 1900 W Jackson Blvd	September 3

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.



REGISTER: CHICAGO.GOV/UNDER5VAX (312) 746-4835

## **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

## Need a vaccine or a booster? Have questions?

visit

### CHI.GOV/COVIDVAX

or call

312-746-4835





# HAVE QUESTIONS ABOUT MONKEYPOX

visit

CHICAGO.GOV/MONKEYPOX

or call

312-746-4835

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



