



#AskDrArwady

August 8, 2023

CHICAGO AIR QUALITY NOW AT A MODERATE LEVEL

Air quality in Chicago continues to improve, but individuals who are unusually sensitive to particle pollution should consider limiting active time outdoors.

On days with poor air quality, Chicagoans are advised to keep windows and doors closed and turn on their air conditioners if they have one. Seek shelter elsewhere if you do not have an air conditioner and your home is too warm.

For Chicagoans without access to properly ventilated and safe indoor conditions, please utilize public libraries, senior centers, Park District facilities, and the Cultural Center, or one of six community service centers.

Visit [Chicago.gov/envcommunityinfo](https://www.chicago.gov/envcommunityinfo)



CHICAGO'S CUMULATIVE IMPACT ASSESSMENT

JOIN US!

COMMUNITY ENGAGEMENT SESSION

with interactive activities

WEDNESDAY, AUGUST 9, 2023

HORIZON SCIENCE ACADEMY

2245 West Pershing Road, Chicago, IL 60609

Doors open at 6:00 pm, Meeting at 6:30 pm

Learn more about the Assessment, its partners and how we're working to promote environmental justice at Chicago.gov/cumulativeimpact.



Join us for an interactive session to learn more about Chicago's first Cumulative Impact Assessment and how we are promoting environmental justice to close the racial life expectancy gap.

Our last session is TOMORROW at 6 pm at Horizon Science Academy.

Visit www.bit.ly/CIASession_Horizon to save your seat!

HARM REDUCTION 101

**STAY SAFER AT
FESTIVALS AND
EVENTS THIS
SUMMER**

**STAY
HYDRATED**

**WEAR
EARPLUGS**

PRACTICE CROWD SAFETY

**KNOW WHERE THE EXITS ARE
WATCH OUT FOR CROWD SURGE**

PREVENT HEATSTROKE TEST YOUR DRUGS

**HANG OUT IN SHADED
AREAS WHEN POSSIBLE
WEAR SUNSCREEN,
SUNGLASSES, AND HAT**

**CALL CHICAGO
RECOVERY ALLIANCE AT
773-708-2206 FOR DRUG
CHECKING SERVICES**

CARRY NARCAN

**AVAILABLE FOR FREE AT EVERY
CHICAGO PUBLIC LIBRARY (SCAN
THE QR CODE TO FIND NARCAN
NEAR YOU)**



BIT.LY/FINDNARCAN



**EMAIL OSU.CDPH@CITYOFCHICAGO.ORG
TO ACCESS FENTANYL TEST KITS**



This summer, keep children safer in water.

Think about the different ways you can help keep your child safe--and if a child is missing, check the water first.

Together, we can protect swimmers!

Learn more #SwimSafety tips:
<http://bit.ly/SwimSafetyGuidelines>

STAY CURRENT ON SWIMMING SAFETY!

Teach your children to swim and to self-rescue this summer and at every opportunity near water.





Vector (Mosquito) Control: West Nile Virus

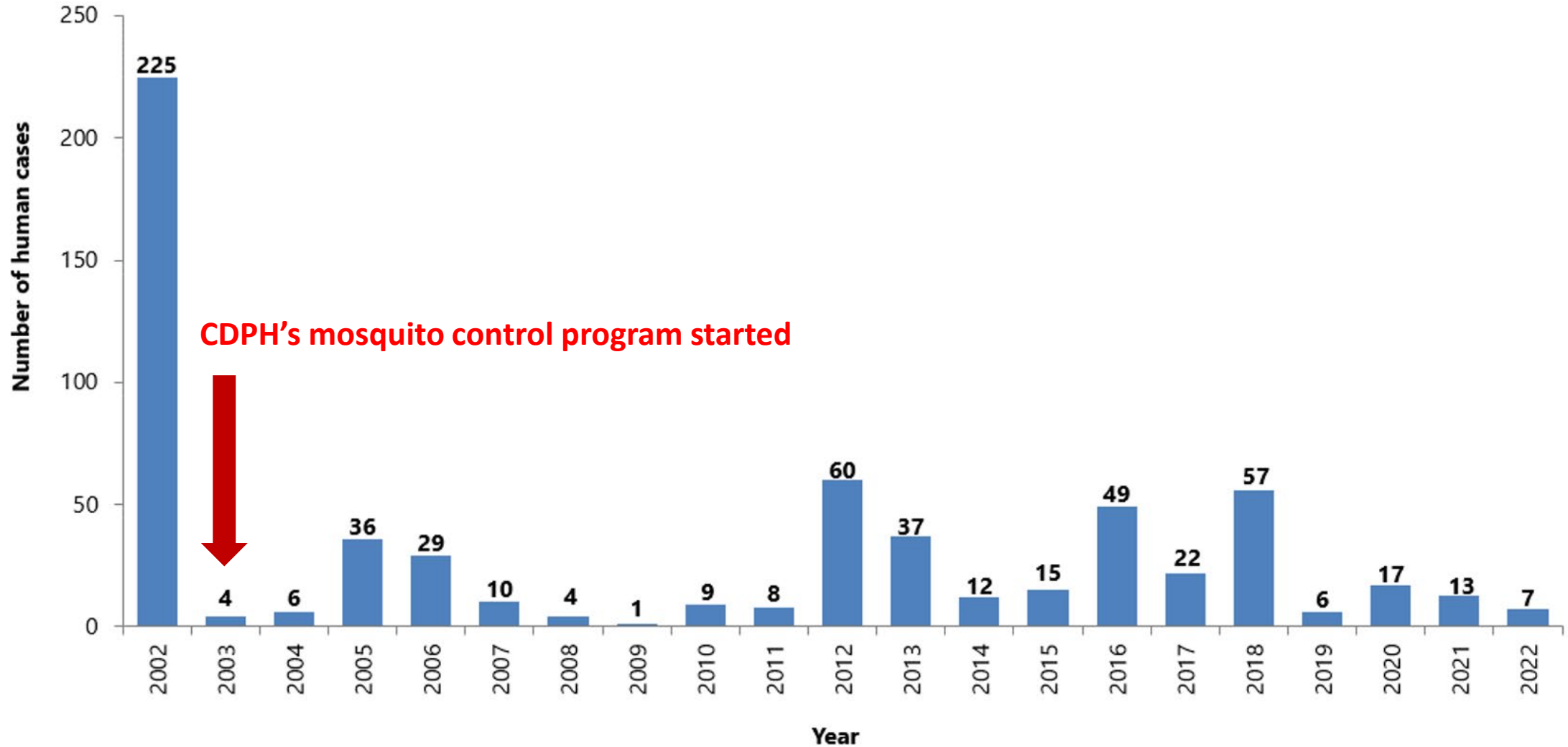


West Nile Virus



- **Most common mosquito-borne disease in the U.S., spread from bite of infected *Culex* mosquito**
- **No symptoms in most people.**
 - Most people (8 out of 10) infected with West Nile virus do not develop any symptoms.
- **Fever in some people.**
 - About **1 in 5 people** who are infected develop a fever with other symptoms such as headache, body aches, joint pains, vomiting, diarrhea, or rash.
 - Most people with febrile illness due to West Nile virus recover completely, but fatigue and weakness can last for weeks or months.
- **Serious symptoms in a few people.**
 - About **1 in 150 people** who are infected develop a severe illness affecting the central nervous system such as encephalitis (inflammation of the brain) or meningitis (inflammation of the membranes that surround the brain and spinal cord).
 - People over 60 years old or with certain medical conditions are at greater risk for severe illness (1 in 50).
 - Recovery might take several weeks or months. Some effects might be permanent.
 - About **1 out of 10 people** who develop severe illness affecting the central nervous system die.

Reported human cases of West Nile Virus by year, Chicago



Includes both confirmed and probable case data.

Larvicide

- A larvicide is a substance used to kill mosquito larvae
- The city of Chicago has over 210,000 catch basins in the public way. Mosquitoes breed in the stagnant water in the catch basins.
- Every year in early spring the city treats the basins by dropping a water-soluble pouch that contains larvicide in about 70,000 catch basins.
- We treat the basins in spring to reduce the mosquito population.



Field Surveillance

- Every spring we set up 80 mosquito traps
- These traps are placed throughout the city and are collected twice per week
- The gravid trap is designed to attract *Culex* mosquitoes, the vector for West Nile virus



Identification and Testing

- All mosquitoes are identified to genus, species and sex
- Testing occurs weekly using real-time PCR
- Samples are tested for West Nile virus (WNV) and St. Louis encephalitis (SLE)

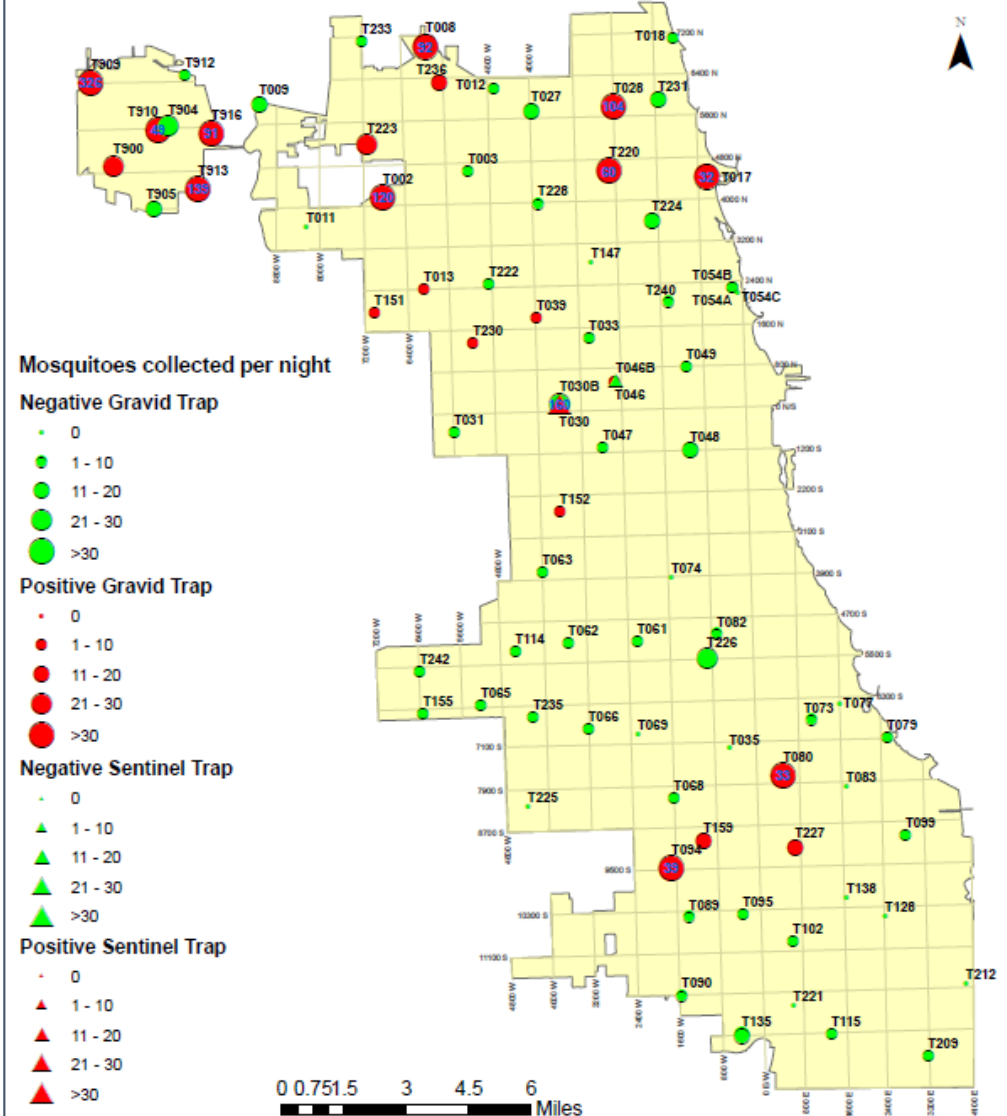


Adulticiding (spraying)

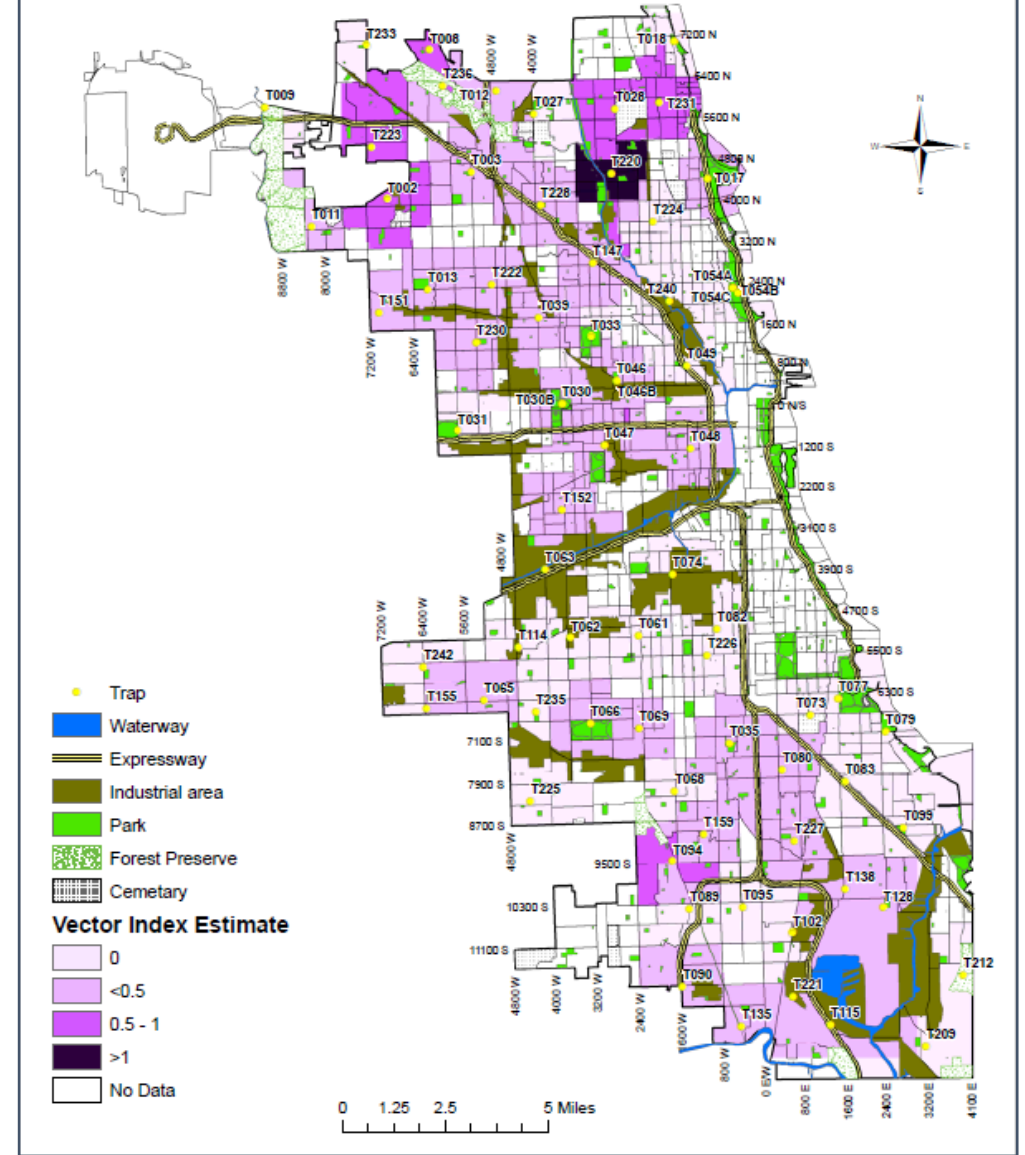
- We only spray as a last resort to prevent human infection of WNV
- Our protocol to spray: trap tests positive for WNV for two consecutive weeks and has a high vector index
- Ultra Low Volume (ULV) usage; EPA reduced risk classification



Culex Species (female only) density and West Nile virus positivity for week 33 of 2021 (8/15-8/21), Chicago



Estimated Vector Index by Census Tract, Weeks 32-33 of 2021 (8/8-8/21), Chicago



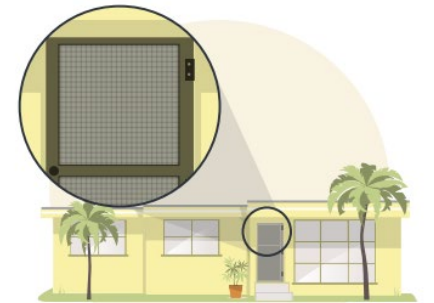
Things You Can Do at Home to Help Control Mosquitoes

- Mosquitoes lay eggs near water.
- **Once a week**, empty and scrub, turn over, cover, or throw out any items near your house that hold water like...
 - Tires, buckets, planters, toys, pools, birdbaths, flowerpot saucers, or trash containers.
- Tightly cover water storage containers so mosquitoes cannot get inside to lay eggs.

Dump standing water



Use screens on windows and doors



Cover trash cans and rain barrels





Mpox Update

Chicago Mpox (Monkeypox) Case Summary

Data last updated 8/7/2023. Counts include cases with specimen collections through 8/2/2023 to account for reporting lags.

Data are updated on Mondays and Thursdays at 2:00p.m., except for City holidays. All data are provisional and subject to change.

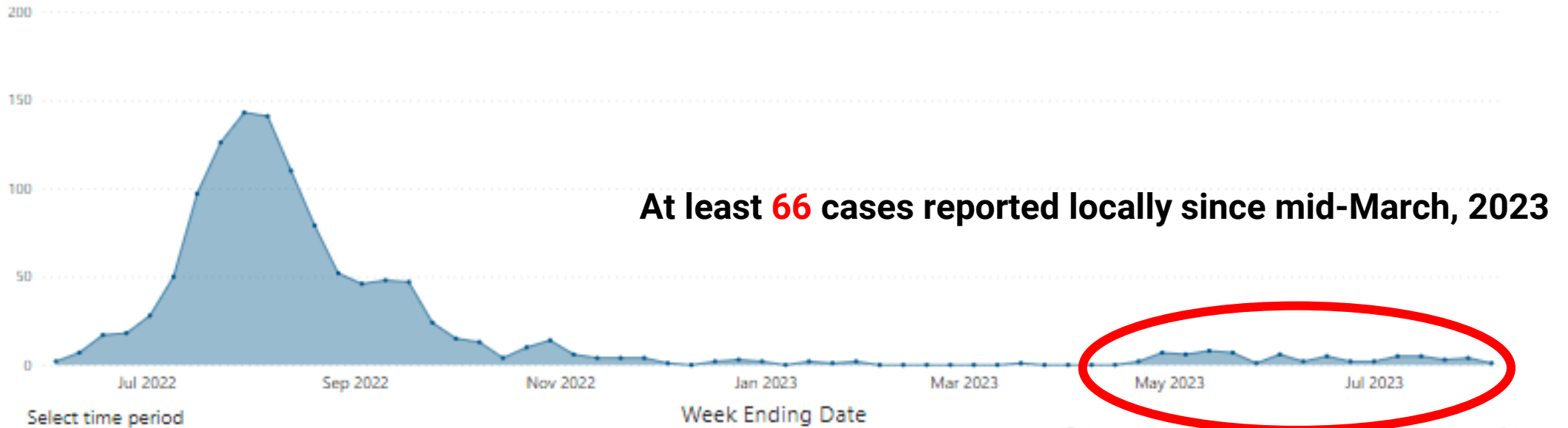
Cases of Mpox Diagnosed in Chicagoans Between 6/4/2022 - 8/2/2023

1 case was diagnosed last week. This is 75.0% lower than the number of cases diagnosed during the prior week.

Cases
1,189

Hospitalizations
65

Deaths
3



At least 66 cases reported locally since mid-March, 2023

*Data represented in the last reported week are not yet complete.

Mpox Vaccine 101

- The **JYNNEOS™ vaccine** can help protect people against mpox when given before exposure to the virus. CDPH strongly encourages those eligible to get the vaccine to protect themselves and others.
- The vaccine is a **two-dose vaccine given under the skin 28 days apart**. Optimal protection is not achieved until two weeks following the second dose.

• Vaccine Eligibility

Have had **close contact** with someone diagnosed with mpox, 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.

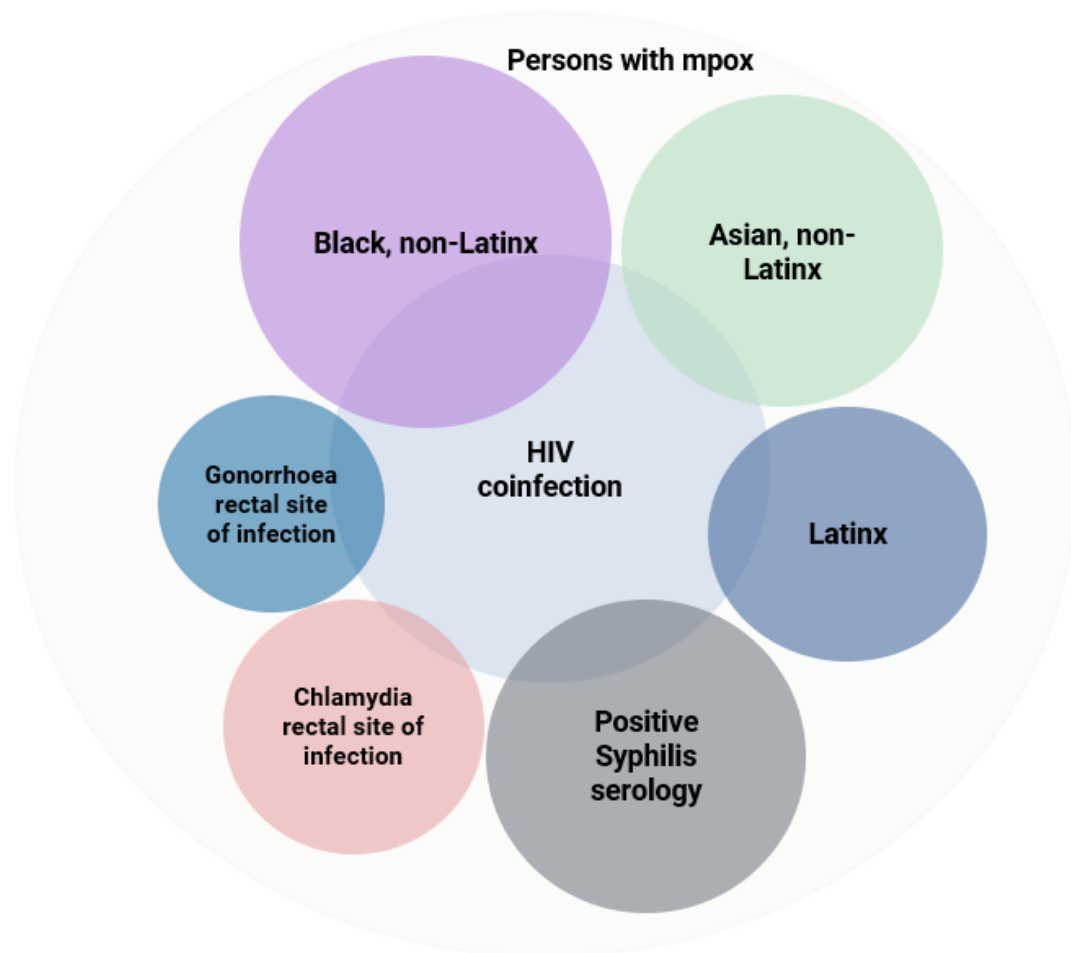
- Find your vaccine: [CDPH Mpox Vaccine Finder](#)
- For more info, call CDPH's HIV/STI Resource Hub (LGBTQ+ call center): [844-482-4040](tel:844-482-4040)

CORRESPONDENCE | ONLINE FIRST

Extragenital gonorrhoea, chlamydia, and HIV co-infection in people with mpox

Kara Herrera ✉ • Jeffrey Lyang • Taylor Holly • Emily AG Faherty • Casey Luc • Colin Korban • Dave Kern • Irina Tabidze • Show less

Published: August 04, 2023 • DOI: [https://doi.org/10.1016/S1473-3099\(23\)00483-8](https://doi.org/10.1016/S1473-3099(23)00483-8)



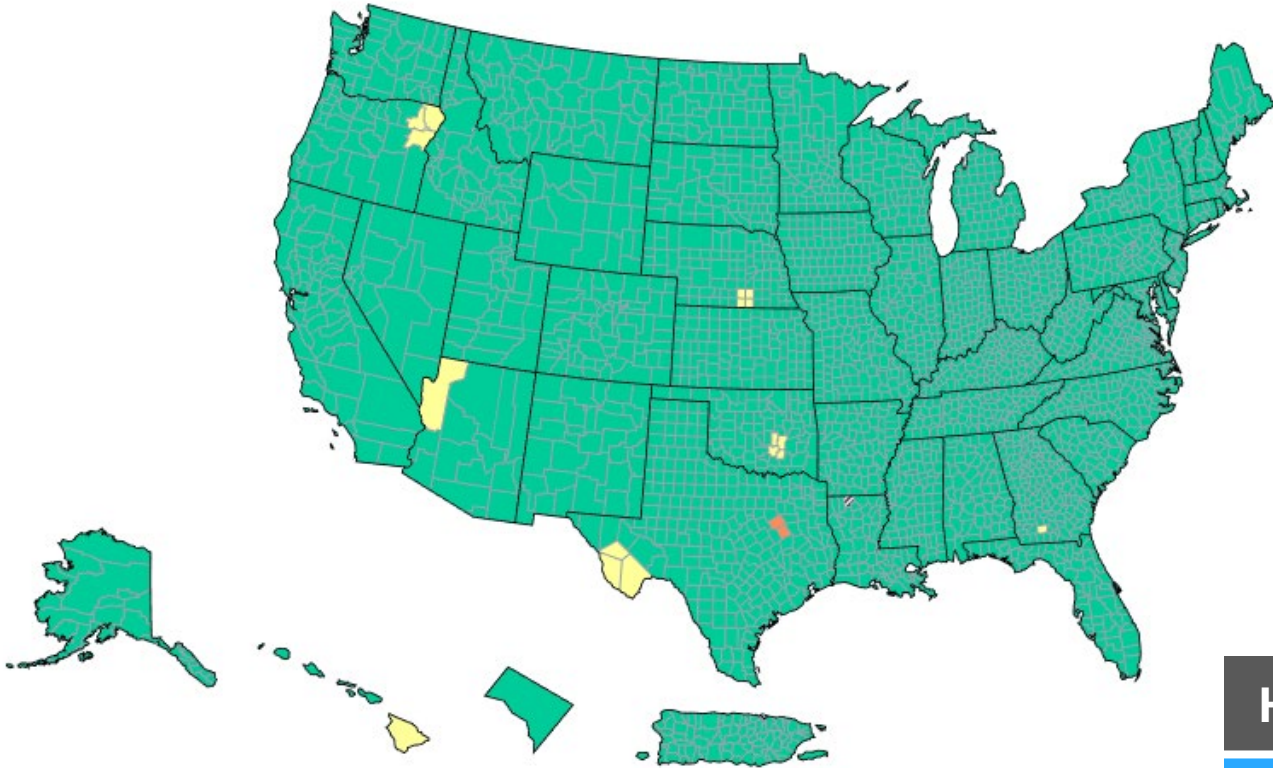
Key takeaways for health care providers

- Offer HIV and STI screening to individuals evaluated for mpox (monkeypox).
- Prioritize preventive mpox vaccination and Pre-Exposure Prophylaxis (PrEP) among those with a previous chlamydia or gonorrhoea extragenital infection.



COVID Update

★ Weekly COVID-19 hospitalizations per 100,000 population



Territories



● Low (<10.0) ● Medium (10.0 to 19.9) ● High (≥20.0) ▨ Insufficient data

National currently:

2.42 diagnosed weekly admissions per 100,000 people

Illinois currently:

1.43 diagnosed weekly admissions per 100,000 people

Chicago currently:

1.12 diagnosed weekly admissions per 100,000 people

	<u>Past Week</u>	<u>Total</u>
Hospital Admissions	8,035 (+12%)	6,224,831
Deaths	421 (-9%)	1,138,189

2 US counties at HIGH hospital admissions level this past week


CDC Hospital Admission Level for Cook County is at **LOW**

Last Week's Hospital Admission Level 7/16-7/22)

1.4 New COVID-19 Admissions per 100,000

Admission Level for 2 Weeks Ago (7/9-7/15)

1.4 New COVID-19 Admissions per 100,000

 Low (<10.0)  Medium (10.0 to 19.9)  High (≥ 20.0)  Insufficient data

Other Metrics for Cook County (7/16-7/22)*

815 Reported New COVID-19 Cases

+113%

15.45 Reported New Cases per 100,000

3 New COVID-19 Deaths

-%

0.06 New Deaths per 100,000

(0 last week)

See [CDC COVID Data Tracker: Maps by Geographic Area](#) for more details

*Other metrics are estimates based on cases reported into the Illinois Electronic Disease Surveillance System (I-NEDSS)

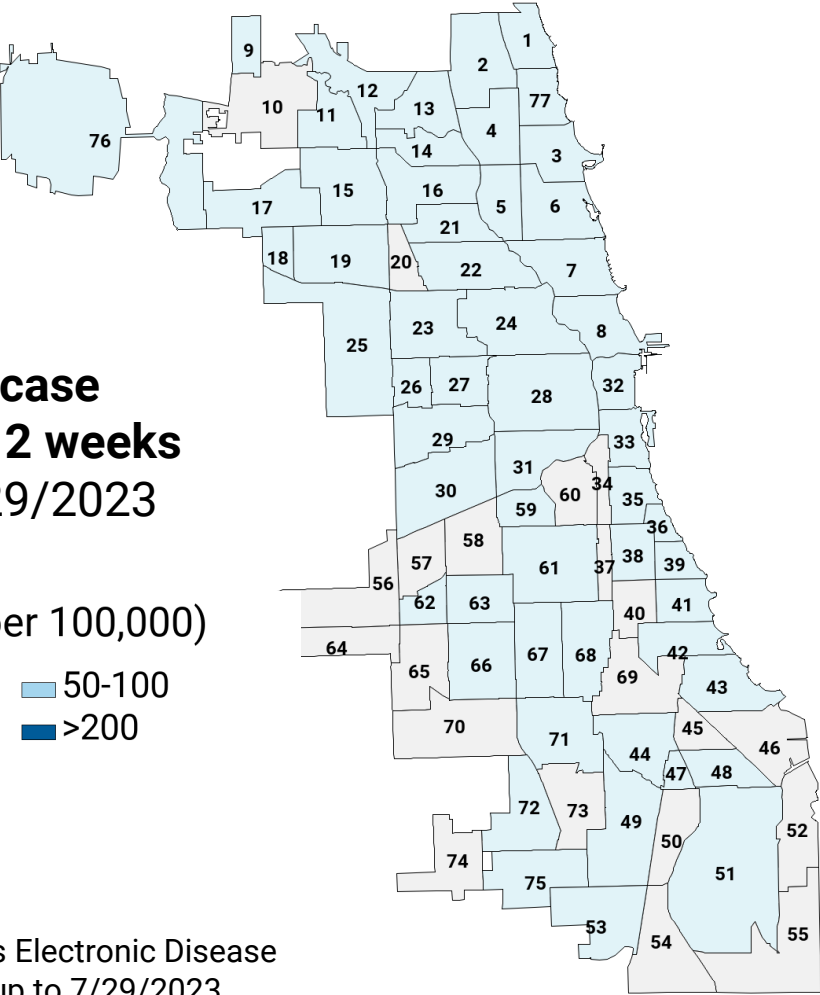


Lab-confirmed COVID cases are still quite low in every community area, but there were increases throughout the city

Average weekly case rate for the past 2 weeks
7/15/2023 – 7/29/2023

Weekly Case Rate (per 100,000)

<10	10-50	50-100
100-150	150-200	>200



Source: Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection up to 7/29/2023.



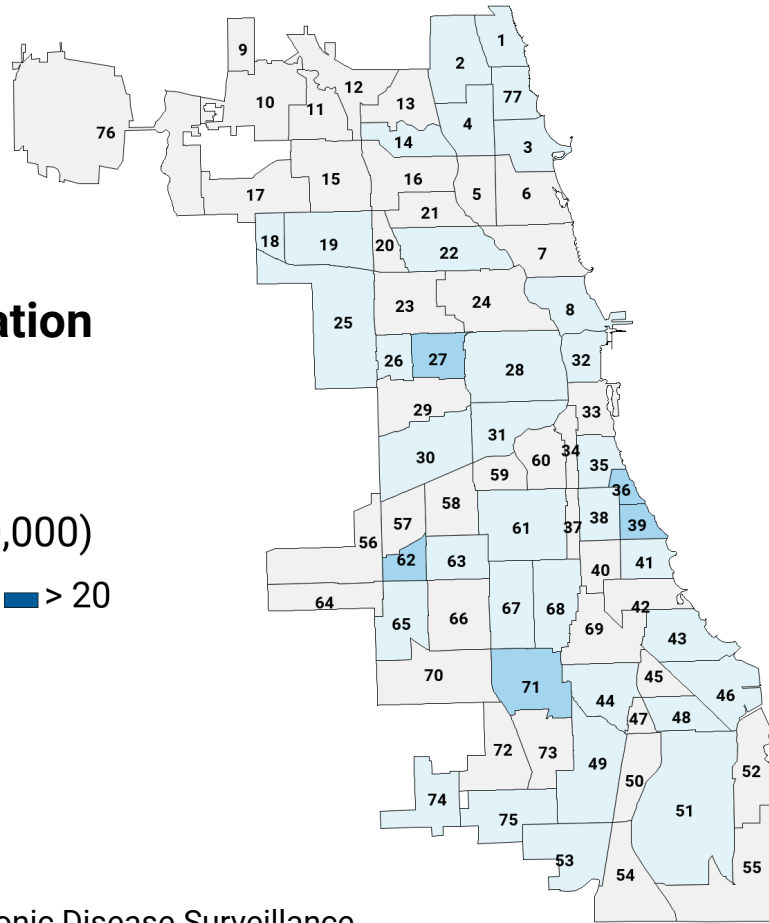
COVID hospitalization rates are largely both low and stable



41 community areas had 0 hospitalizations in the past two weeks
29 community areas had 0 hospitalizations in the past four weeks

Average weekly hospitalization rate for the past 2 weeks
7/15/2023 – 7/29/2023

New hospital admissions (per 100,000)
0 0-5 5-10 10-20 > 20



Source: Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection or admission date up to 7/15/2023.



Chicago Lab-Based Early Alert Signals for week of 8/2 remain unchanged from the previous week



Indicator	Thresholds			Chicago Current Values Week of 8/2
	Low Concern	Medium Concern	High Concern	
SARS-CoV-2 variant assessment, Chicago (combines log growth rate and VOC designation)	Stable lineage proportions, no VOC/VOHC	Variant or lineage increasing, no VOC/VOHC	Variant rapidly increasing, or VOC/VOHC	Medium (Last week: Medium)
Average wastewater score among sampled sites, Chicago (combines viral concentration and trend)	< 2	2-3	> 3	Low (Last week: Low)

Variants/Subvariants currently increasing in prevalence in Chicago:

XBB.1.16

- Sublineage of XBB. Emerged and rapidly rose in frequency in India.
- As of 8/3/2023: Local Doubling time 25 days (low)

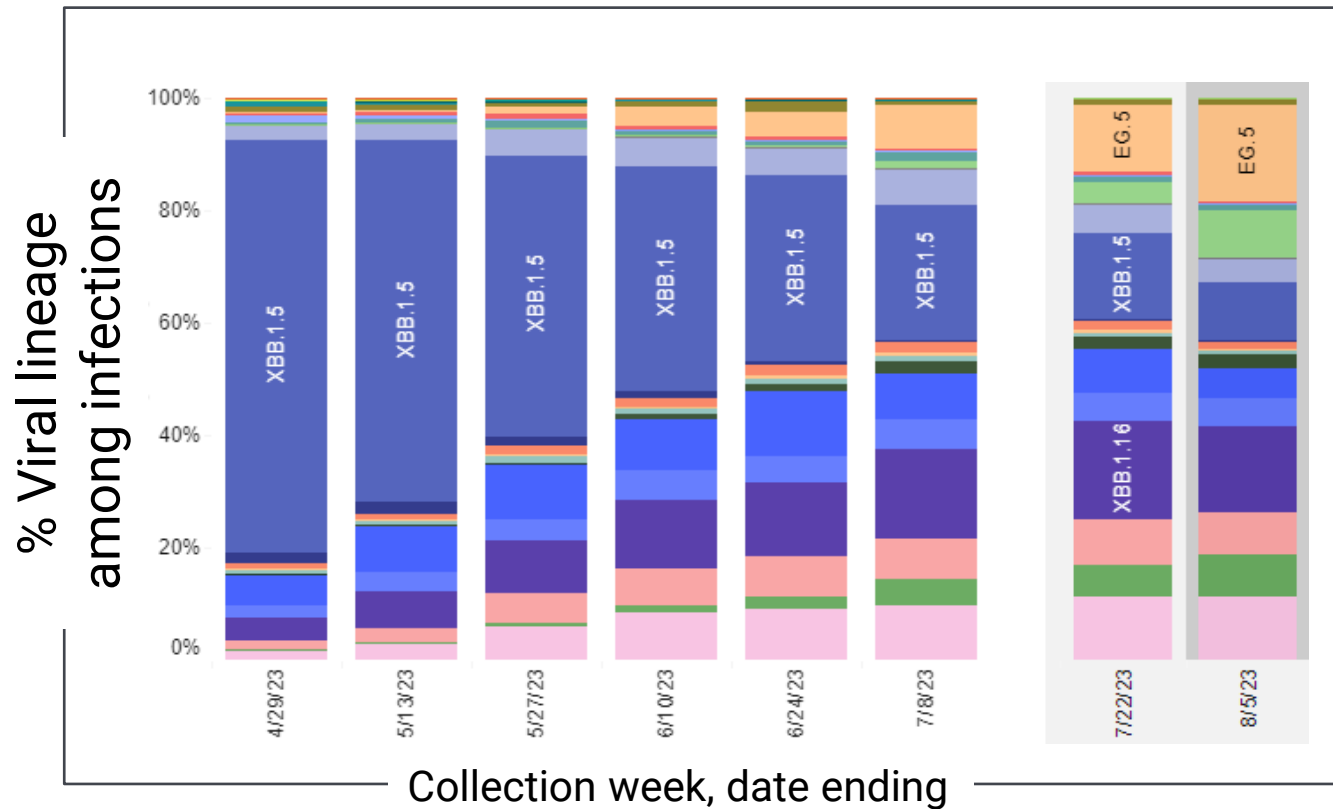
EG.5

- Alias for XBB.1.9.2.5 and descendant of XBB.1.9, containing 2 additional mutations. One of the most quickly emerging XBB sublineages.
- As of 8/3/2023: Local Doubling time 11 days (med)



Variant Surveillance, USA

Weighted and Nowcast Estimates for Weeks of 4/29/23 – 8/5/23

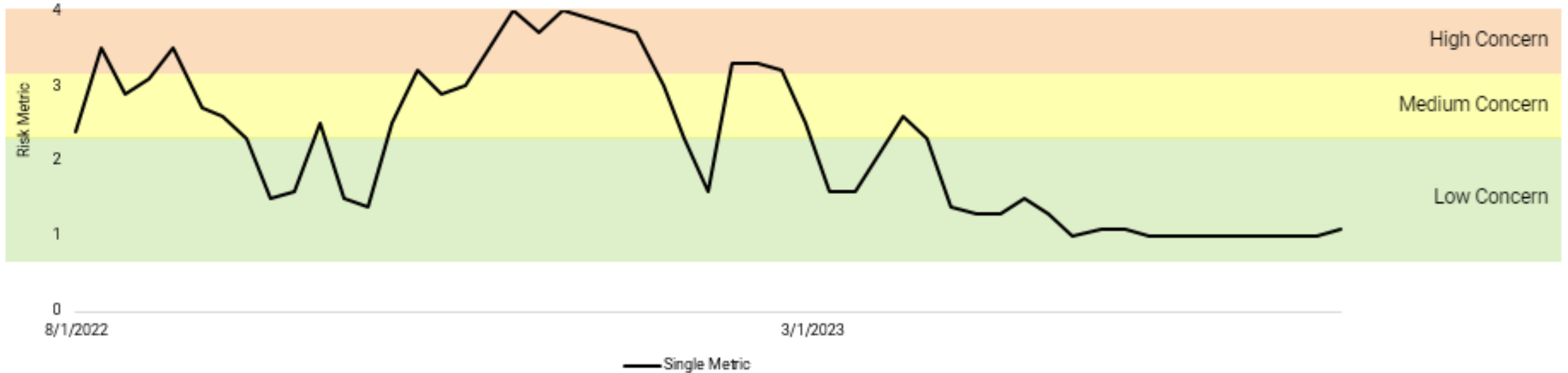


It's ALL Still OMICRON

EG.5	17.3%	14.1-21.0%	
XBB.1.16	15.6%	12.5-19.2%	
XBB.2.3	11.2%	9.5-13.1%	
XBB.1.5	10.3%	8.6-12.3%	
FL.1.5.1	8.6%	4.2-16.1%	
XBB.1.16.6	7.7%	5.6-10.6%	
XBB.1.16.1	7.2%	6.0-8.7%	
XBB.1.9.1	5.4%	4.5-6.5%	
XBB.1.9.2	4.8%	3.5-6.6%	
XBB	4.4%	3.1-6.1%	
XBB.1.5.72	2.4%	1.6-3.7%	
XBB.1.5.10	1.2%	0.7-1.9%	
FE.1.1	1.1%	0.6-2.1%	
CH.1.1	1.1%	0.6-1.9%	
XBB.1.5.68	0.6%	0.4-1.0%	
XBB.1.5.59	0.4%	0.2-0.8%	
EU.1.1	0.3%	0.2-0.6%	
XBB.1.5.1	0.2%	0.1-0.2%	
BA.2	0.0%	0.0-0.1%	
BA.2.12.1	0.0%	0.0-0.1%	



SARS-CoV-2 wastewater metric remains at a **LOW** concern level

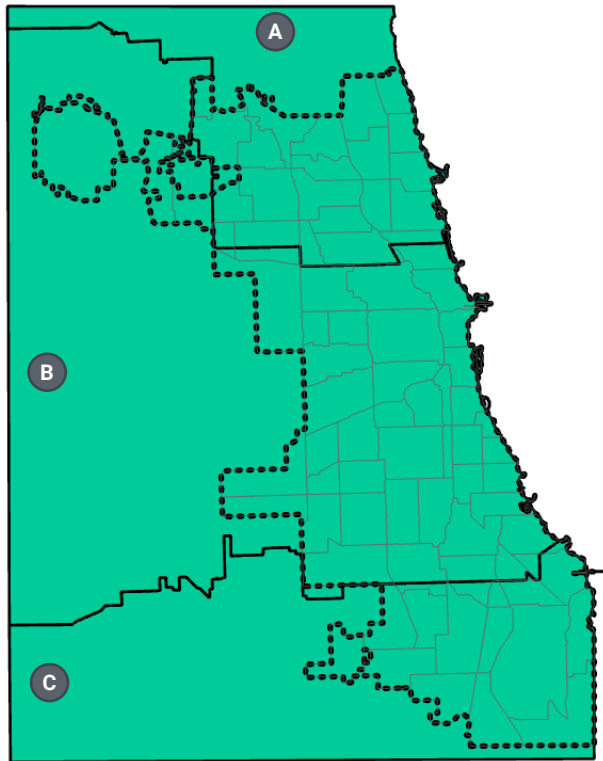




LOW concern levels were seen across all treatment plants and sewersheds except Norwood Park – Jefferson Park, Lincoln Park – Near North Side, and Little Village, which had **MEDIUM** concern levels. No sustained elevations.

Wastewater Treatment Plants

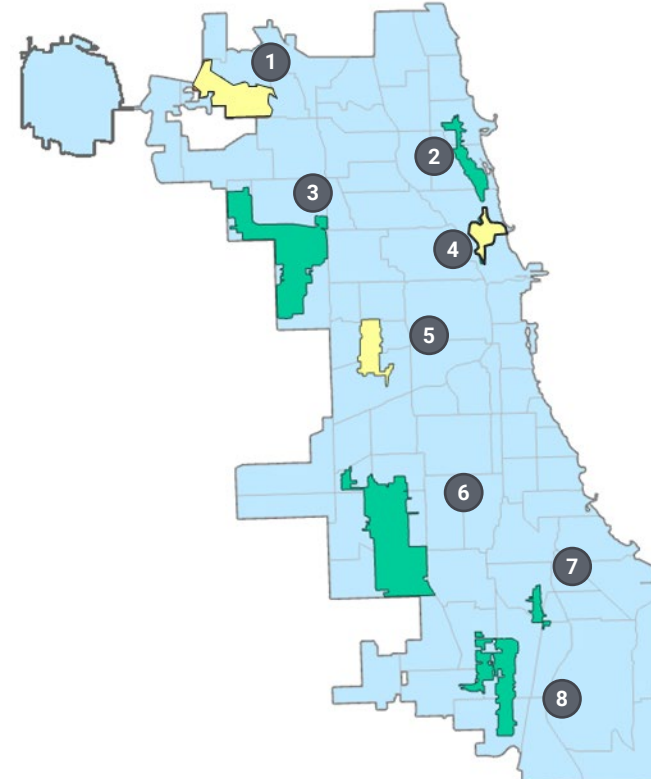
#	Catchment
A	Terrence J. O'Brien
B	Stickney
C	Calumet



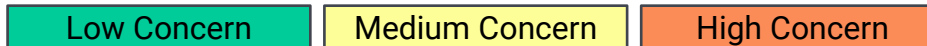
Wastewater treatment plant catchment areas exceed Chicago city borders (dashed boundaries) and cover other Cook county municipalities.

Actual coverage areas are trimmed in this figure.

Sewer sites



#	Catchment
1	Norwood Park - Jefferson Park
2	Lakeview - Uptown
3	Austin - Montclare
4	Lincoln Park - Near North Side
5	Little Village
6	Chicago Lawn - Ashburn
7	Chatham
8	Roseland - West Pullman



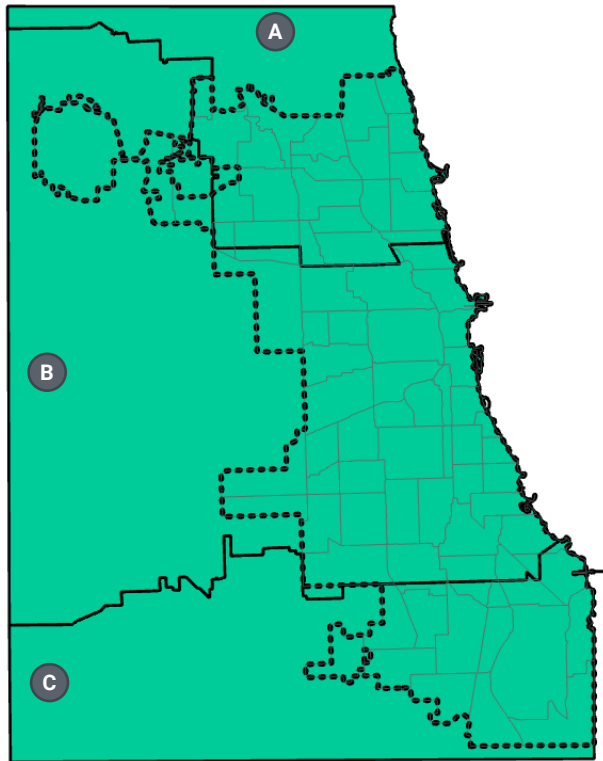
*Data for Week of 7/31



No Influenza A detections were seen at the Austin – Montclare and Chatham sewer sites. All other treatment plants and community sewer sites have **LOW** Influenza A concern.

Wastewater Treatment Plants

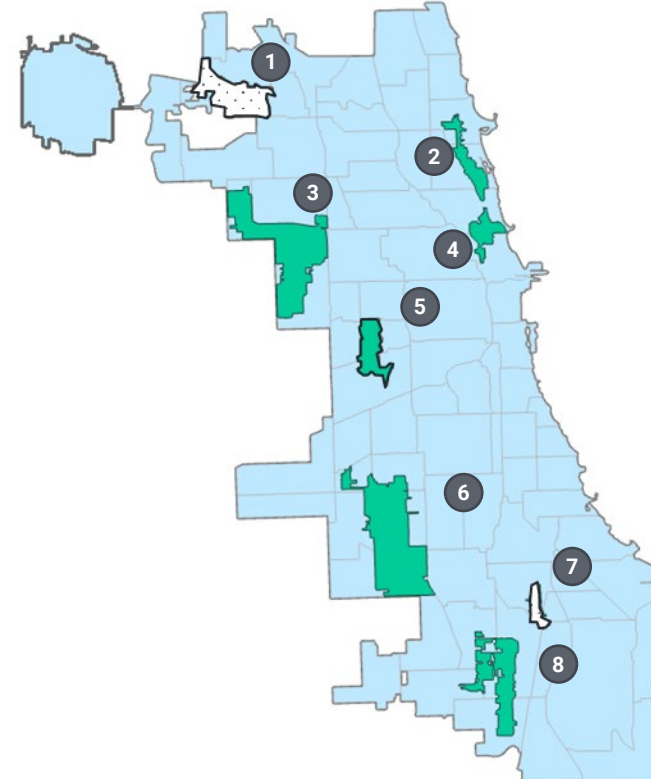
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Wastewater treatment plant catchment areas exceed Chicago city borders (dashed boundaries) and cover also other Cook county municipalities.

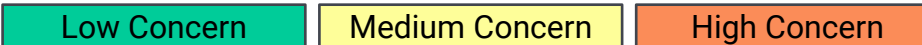
The actual coverage areas are wider but trimmed in this figure.

Sewer sites



#	Catchment
1	Norwood Park - Jefferson Park
2	Lakeview - Uptown
3	Austin - Montclare
4	Lincoln Park - Near North Side
5	Little Village
6	Chicago Lawn - Ashburn
7	Chatham
8	Roseland - West Pullman

*Data for Week of 7/31



TAKE ACTION IF YOU TEST POSITIVE FOR COVID-19



DAY 1-5

Stay home:

- Everyone - *regardless of vaccination status* - should 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 symptoms are improving and are fever-free for 24 hours.

DAY 6-10

Wear a mask:

- If you take 2 antigen tests 48 hours apart and both are negative, you may remove your mask sooner
- Avoid people at high risk of getting very sick



VAX & PAX lovid



If you're at high risk for severe illness, vaccines are your best protection against COVID-19. But if you do test positive, **TREATMENTS ARE AVAILABLE.**

PAXLOVID, for example, is an oral antiviral therapy for the treatment of mild to moderate COVID-19.



Individuals ages 12 and up who are at high risk of developing severe illness, are eligible.

Ask a healthcare provider if medications to treat COVID-19 are right for you.



Continues to operate
Saturday and Sunday
 8am-6:30pm

GET YOUR UPDATED

COVID BOOSTER & FLU SHOT AT HOME



In-home vaccination is available to all Chicago households at no cost. Up to 10 people can be vaccinated, so invite your family, friends, or neighbors to get vaccinated together.



TO REGISTER FOR AN APPOINTMENT
 CALL **312.746.4835** OR VISIT OR CHICAGO.GOV/ATHOME



Need a vaccine or a booster?
Have questions?

visit

CHI.GOV/COVIDVAX

or call

312-746-4835



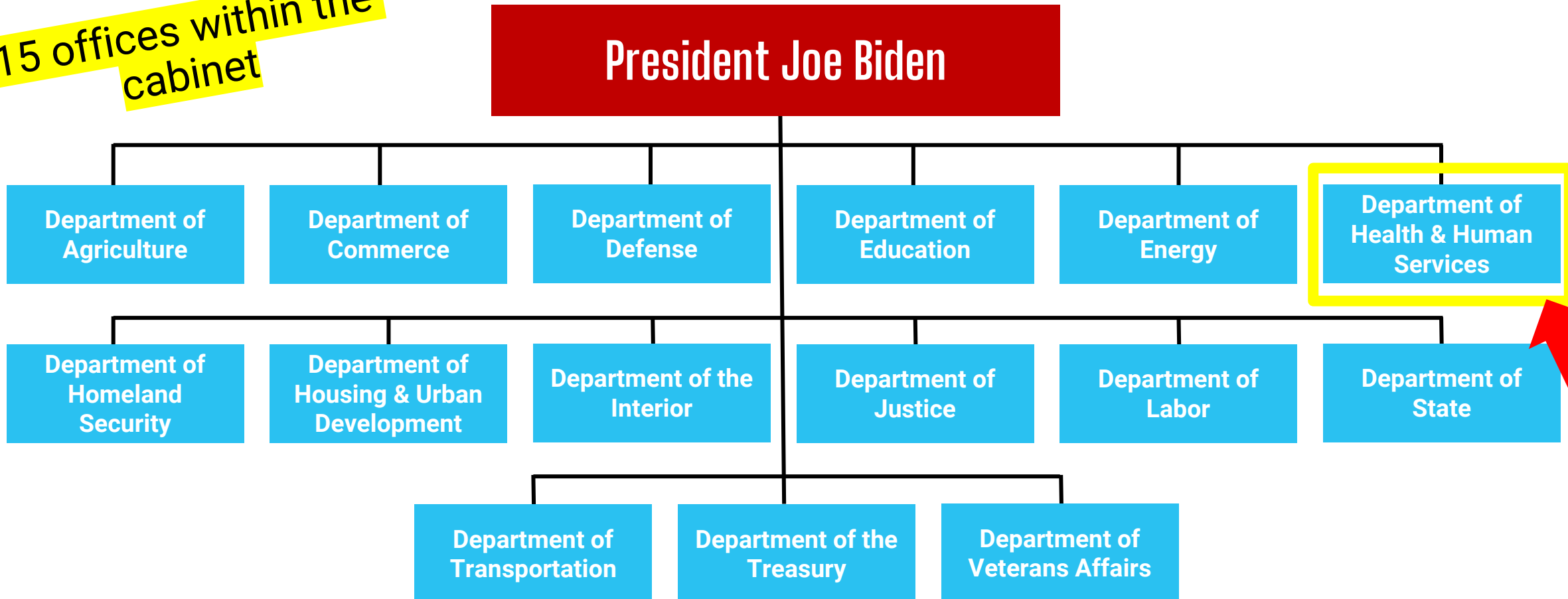


Department of Health and Human Services Structure

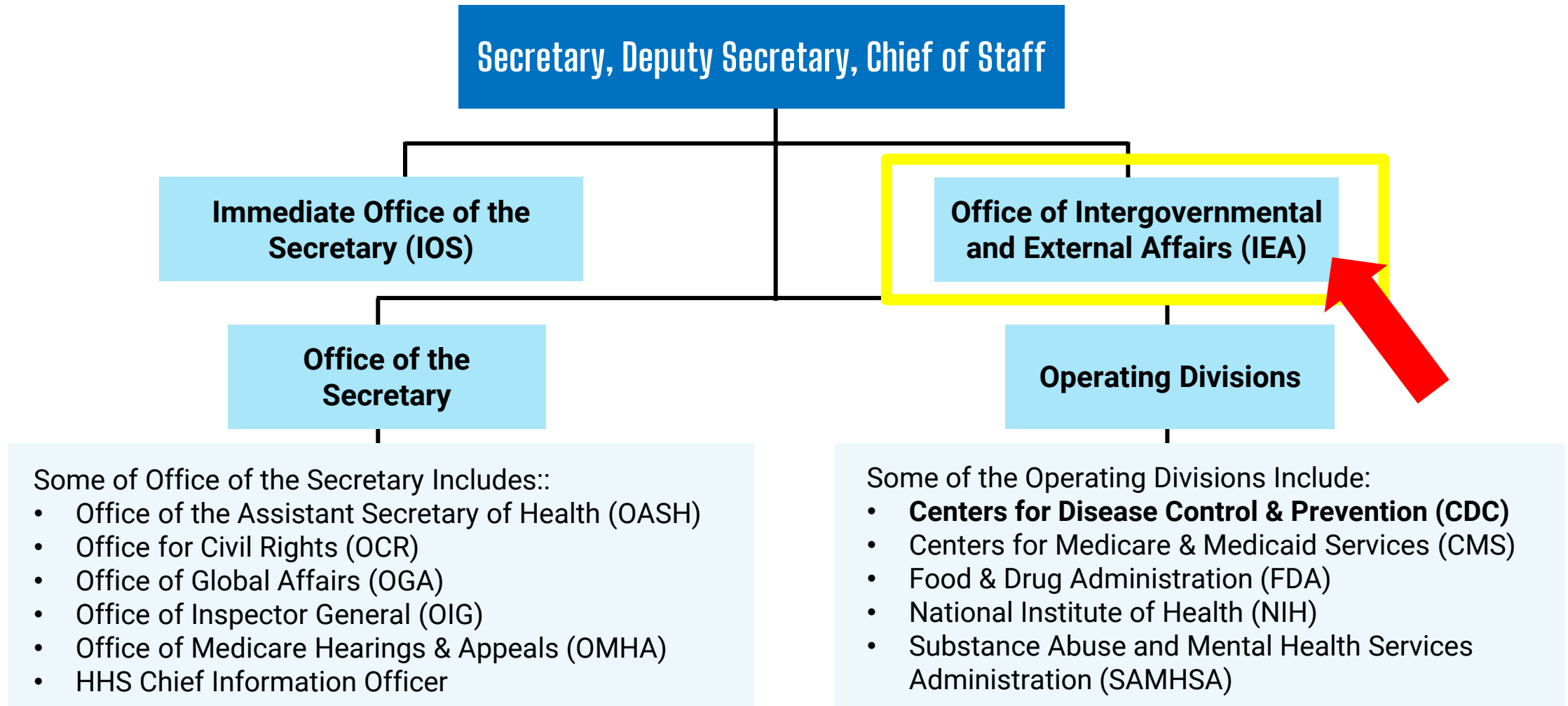
Michael Cabonargi, Region V Director, U.S. Department of Health and Human Services

★ United States Presidential Cabinet

15 offices within the cabinet

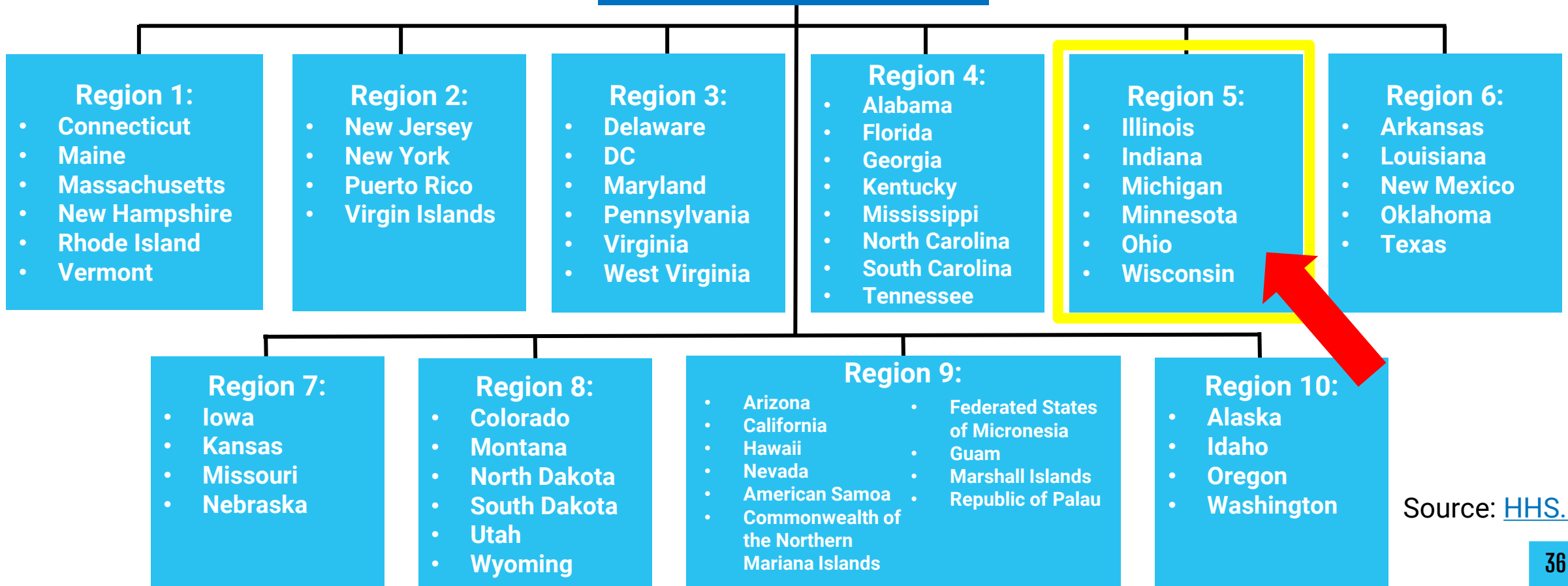


★ Department of Health and Human Services



HHS Office of Intergovernmental & External Affairs

IEA REGIONAL OFFICES



Source: [HHS.gov](https://www.hhs.gov)



Medicaid Redetermination and 988

Michael Cabonargi, Region V Director, U.S. Department of Health and Human Services



988's 1-Year Anniversary



988 Lifeline's First Year: A Network of Hope

988 SUICIDE & CRISIS LIFELINE

The Biden-Harris Administration has invested nearly **\$1 billion** into the **988 Lifeline**, strengthening and expanding the **state, territory, and tribal** crisis care response system.

Since July 2022:

The 988 Lifeline has answered nearly **5 Million contacts** — nearly **2 million more** than the previous 12 months.

More contacts have been answered.

TEXTS: ↑1135% **CHATS: ↑141%** **CALLS: ↑46%**

The average speed to answer decreased from **2 minutes 39 seconds** to **41 seconds**.

There are **more than 200+** local and state-run call centers local and state-run call centers with crisis counselors supporting people in need, sharing resources and making community connections.

I searched on Google to locate information on how to peacefully die by suicide. However, the first search result I found was information on 988. I decided to reach out to 988 and am so thankful that I was connected with the assistance and guidance I needed, instead of the assistance I originally searched for.

He called because he was about to attempt suicide. He was heartbroken, crying, devastated. And he felt that he couldn't take the pressure of being a provider. By the end of the call, he thanked me and said that he wouldn't be alive if it wasn't for our services and resources.



Deyanira Carceres, Spanish Bilingual Program Coordinator, Didi Hirsch Mental Health Services

I'm here for whatever you need. If you need to cry? You need to breathe? You need to scream? I'm even okay with that, just let me know so I can take my headset off first. That usually gets a laugh out of people who are feeling overwhelmed.



Ya-Shi Duhon, Qualified Mental Health Professional Supervisor, Integral Care

Expanding Lifesaving Services

- Added **Spanish text and chat services**, expanding upon the existing Spanish call specialized service.
- Added **specialized services for LGBTQI+** youth and young adults.
- In the coming months, developing **video phone services** to better serve deaf and hard of hearing individuals.

Anyone can call or text 988 or chat 988lifeline.org. To reach 988 specialized services:

- 1** **PRESS 1** to reach the Veterans Crisis Line, text 988 (or 838255 directly), or chat 988Lifeline.org.
- 2** **PRESS 2** to reach Spanish speaking counselors, text "AYUDA" to 988, or chat 988lineadevida.org or 988Lifeline.org.
- 3** **PRESS 3** to reach counselors trained to meet LGBTQI+ youth needs, text 988 and answer Y, or chat 988Lifeline.org.

Need Support Now?

If you or someone you know is struggling or in crisis, help is available. Call or text 988 or chat 988Lifeline.org.



Medicaid Redetermination

GOT MEDICAID? GET READY TO RENEW!

Click Manage My Case at abe.illinois.gov.



Illinois is checking to see if you are still eligible for Medicaid. Here's what you need to do now:

Click Manage My Case at abe.illinois.gov to:

- ✓ Verify your mailing address under "contact us."
- ✓ Find your due date (also called redetermination date) in your "benefit details".

Watch your mail and complete your renewal right away.

If you are no longer eligible for Medicaid, connect to coverage at work or through the official Affordable Care Act marketplace for Illinois, GetCoveredIllinois.gov.

Scan here and click Manage My Case now.



HFS
Illinois Department of
Healthcare and Family Services

1-800-843-6154

Illinois April 2023 Medicaid & CHIP Enrollment

State	Medicaid Enrollment	CHIP Enrollment	Total Medicaid and CHIP Enrollment	Child Enrollment (Medicaid Child + CHIP Enrollment)	State Expanded Medicaid
Illinois	3,484,085	346,941	3,831,026	1,577,019	Expanded

Thank you!



[Chicago.gov/Health](https://chicago.gov/Health)



HealthyChicago@cityofchicago.org



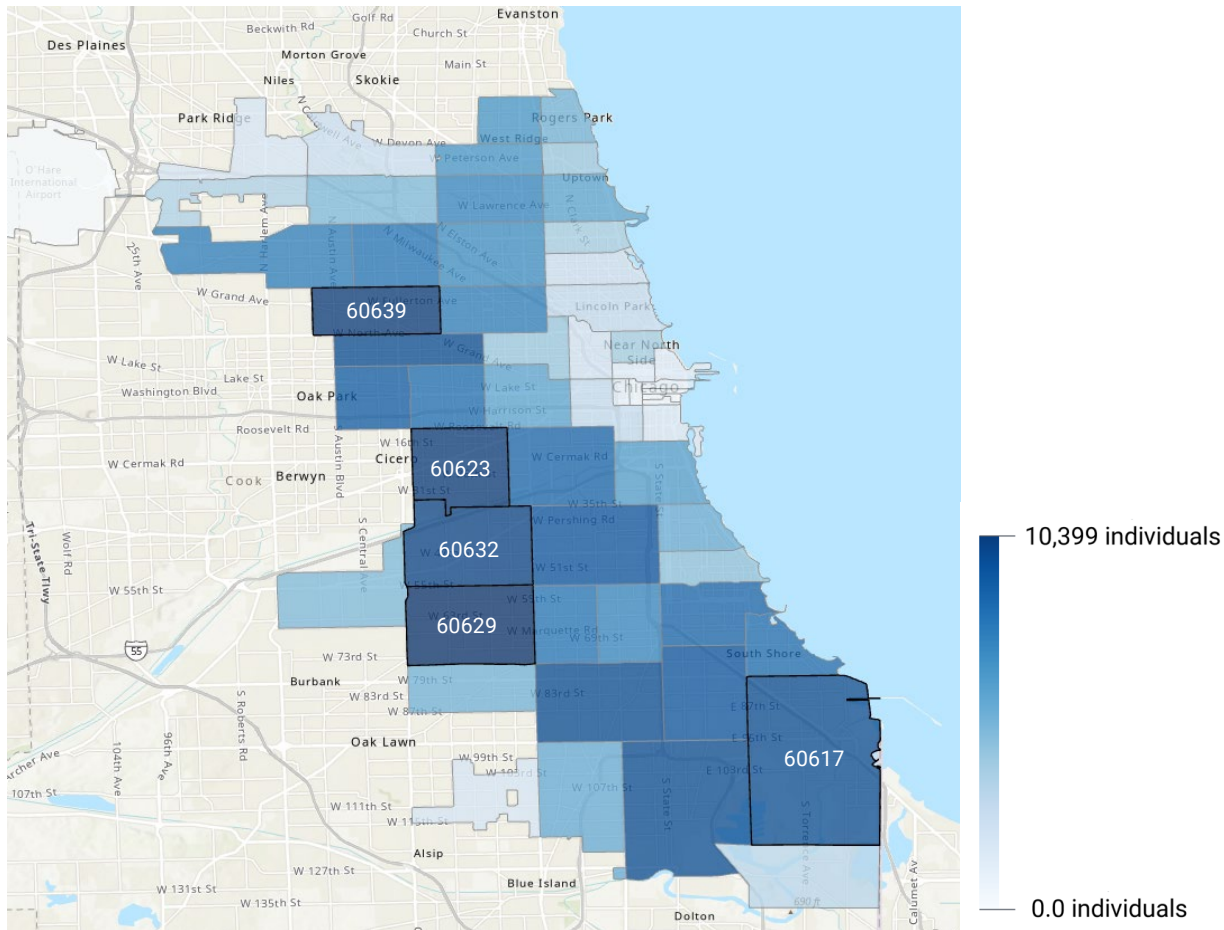
[@ChicagoPublicHealth](https://www.facebook.com/ChicagoPublicHealth)



[@ChiPublicHealth](https://twitter.com/ChiPublicHealth)

Which Chicago areas are most impacted?

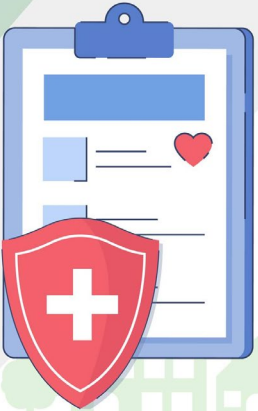
Applying National Disenrollment Projections to the Top 5 Chicago Zip Codes with Highest Medicaid Enrollment



- 1. 60629**
West Lawn
Chicago Lawn
West Elsdon*
Gage Park*
- 2. 60623**
South Lawndale
North Lawndale
- 3. 60639**
Belmont Cragin
Hermosa
Austin
- 4. 60632***
Archer Heights
Brighton Park
- 5. 60617**
South Deering
South Chicago
East Side
Calumet Heights

Note: CDPH's initial projections utilize public HFS data and disenrollment projections and require further analysis as redeterminations continue. Unwinding the Medicaid Continuous Enrollment Provision: Projected Enrollment Effects and Policy Approaches (Issue Brief HP-2022-20). Washington, DC: Office of the Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services. August 19, 2022. HFS Enrollment Zip Code Search (October 22, 2022). Illinois Department of Healthcare and Family Services (HFS).

Communication and Outreach

Do You Get Health Insurance Through Medicaid? Get Ready To Renew!

Starting May 2023, all Illinois residents must reconfirm eligibility. Don't risk losing your health insurance. To keep your insurance, Illinois Medicaid needs to be able to send you paperwork. Give them an address where mail can always reach you.




Chicago Public Schools Student Health and Wellness

Check your mail. Complete your Medicaid renewal right away!

EVERY SUPERHERO NEEDS A SIDEKICK

Learn More @ cps.edu/medicaid

BEWARE OF SCAMS!

Illinois will NEVER ask you for money to renew or apply for Medicaid.




Pregúntale a la Dra. Luna

CDPH LIVE en Facebook y Twitter #AskDrLuna




Geraldine Luna, MD, MPH, MBAC
Medical Director

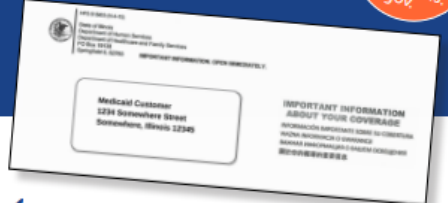
Daniela Vélez-Clucas
Staff Attorney,
Healthcare Justice/Immigration

★ **¡llam | LIVE en Facebook y Twitter**

La Directora Médica del Departamento de Salud Pública de Chicago (CDPH), Geraldine Luna, habló esta mañana con la abogada de Inmigración y de Justicia de Salud del Centro Shriver, Daniela Vélez-Clucas.

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