



NASEM Health and Medicine

Medical Countermeasures – Expanding Delivery and Increasing Uptake Through Public-Private Partnerships

Christopher Shields, Assistant Commissioner

Chicago Department of Public Health

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Emergency Preparedness and Response (PHEP and HPP)



ABOUT ME

Name: Christopher Shields

Title: Assistant Commissioner

How long have you been working on MCM Mission? 13 years (Chicago) / 19 years (total)

ABOUT MY TEAM

Team Compliment: Health Protection

- Hospital Preparedness (6)
- MCM Specialists (18)
- Epidemiology / Surveillance (12)
- Finance / Administration (10)

ABOUT OUR WORK

Our team operates in the background, linking to city operations and the private sector for preparedness actions (policy / procedure and plans), training and exercises within the whole community environment and ultimately supporting or augmenting citywide responses with Public Health / medical impacts. Team members are associated to local, state and Federal working groups, commissions and developmental studies related to Emergency Operations and enhancements to protection actions for both public and private sectors. Today we are highlighting some of our work associated to Private sector engagement to support the MCM mission.



Chicago Health Atlas (Baseline)

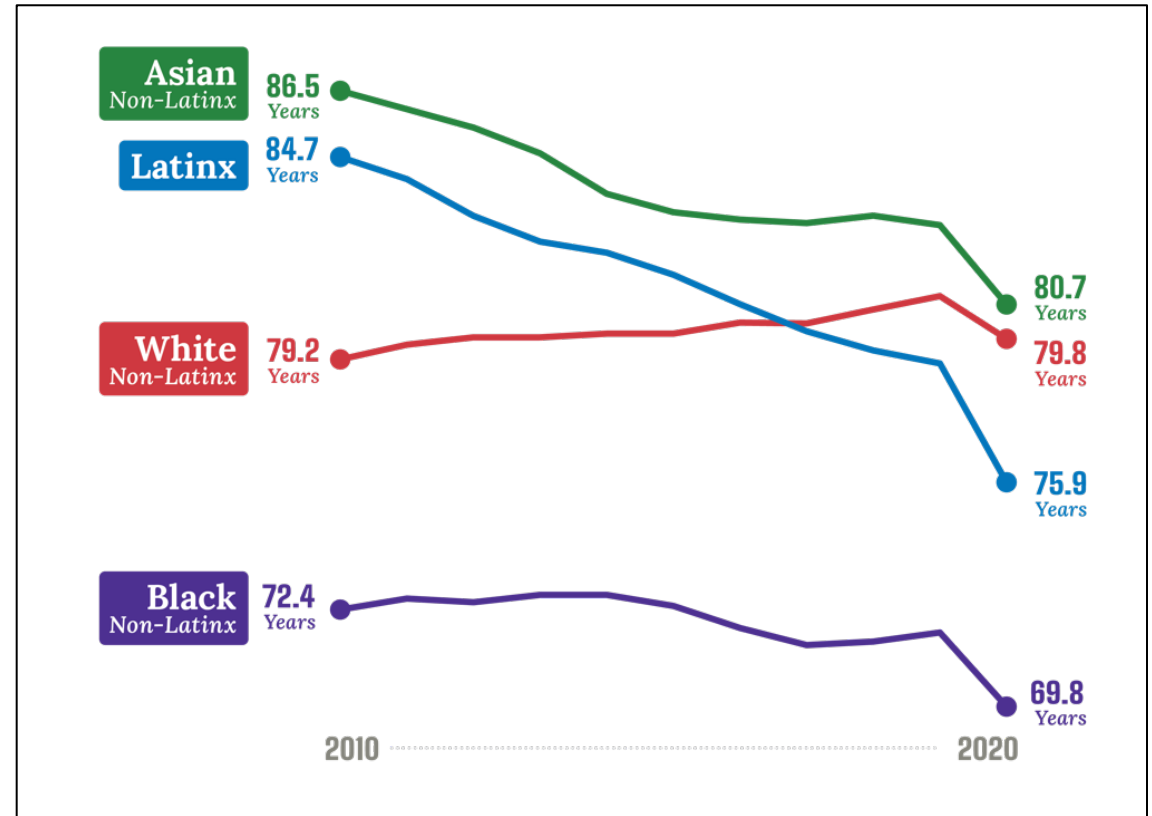
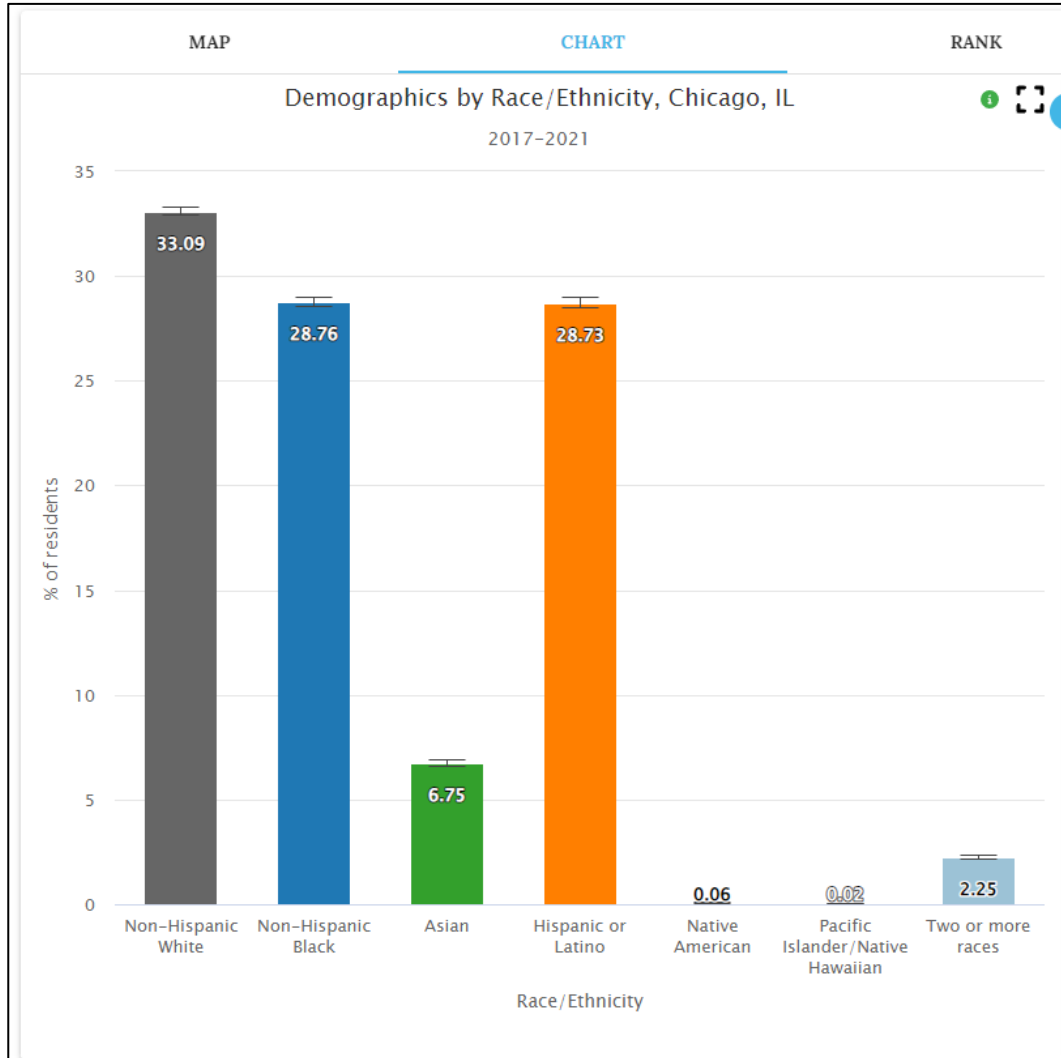


<https://chicagohealthatlas.org/>

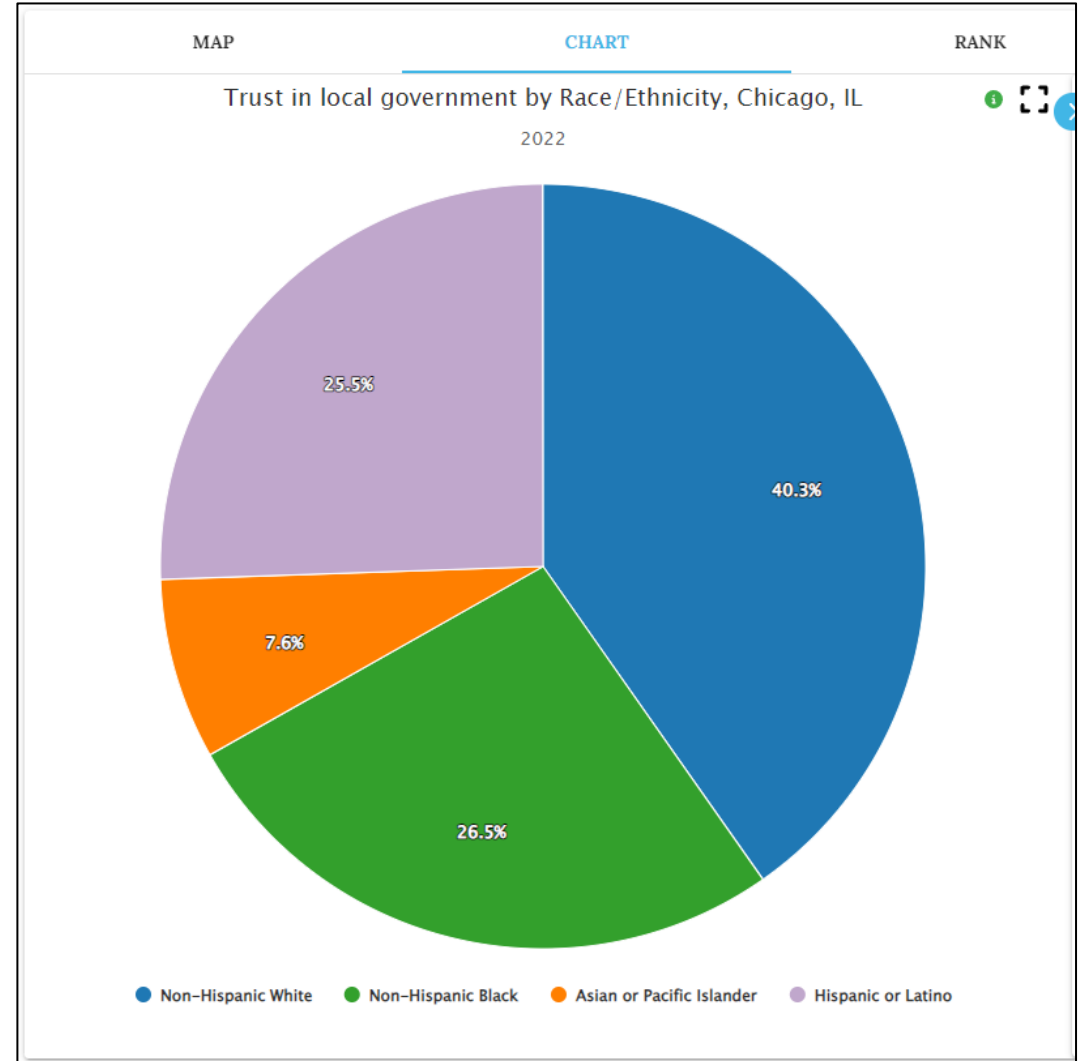
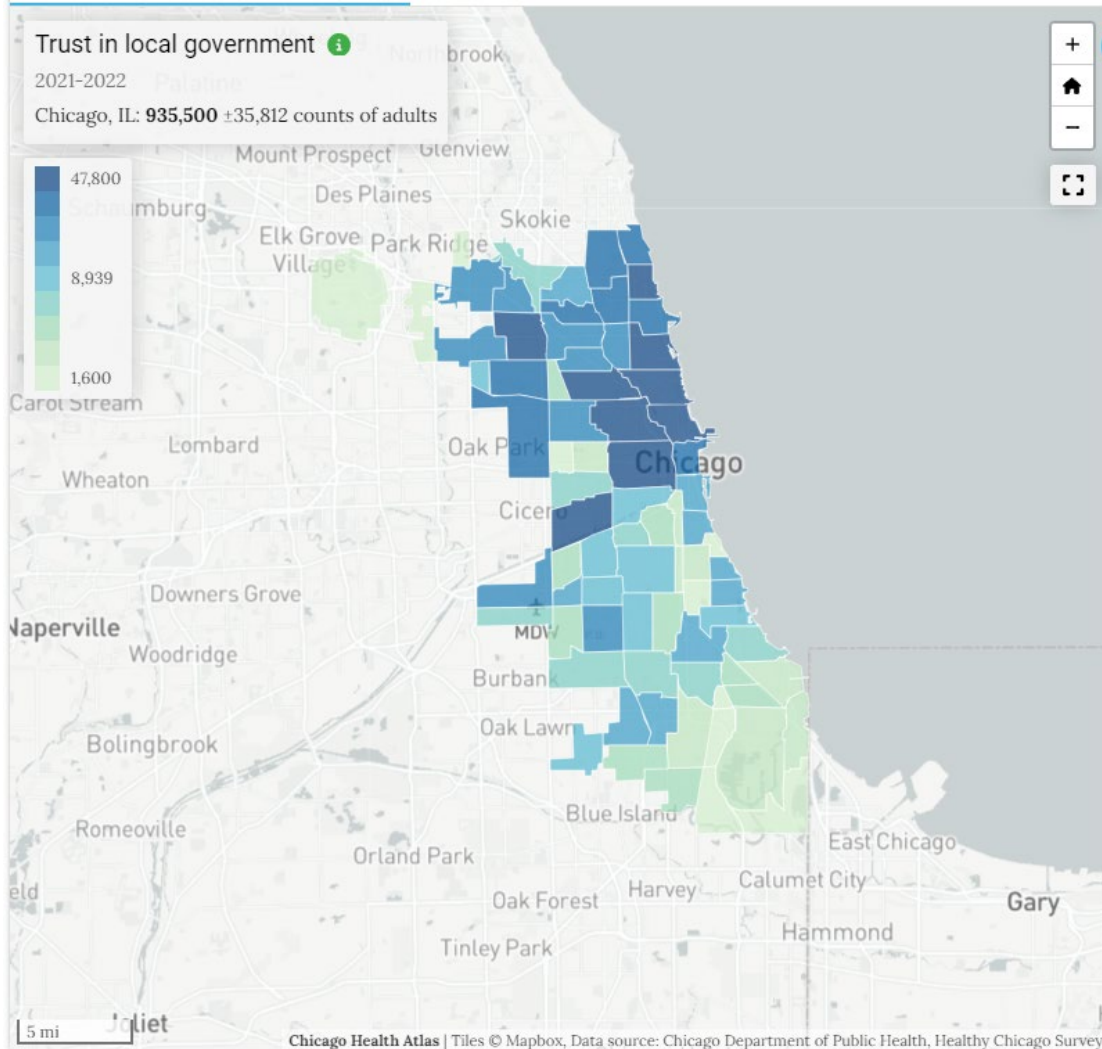
The Chicago Department of Public Health and PHAME Center at UIC believe data should be accurate, transparent and easy to understand. We created the Chicago Health Atlas so that you can review, explore and compare health-related data over time and across communities (Social Determinates). In addition, the Chicago Health Atlas provides a place for residents to see our progress implementing Healthy Chicago, the citywide plan to improve health equity.

Our hope is that you will use this data to both better understand health in Chicago and identify opportunities to improve health and well-being. The Chicago Health Atlas is, by design, an evolving tool. Through new partnerships, improved data, and continuous updates to the site, we will be better equipped to understand and improve our city's health.

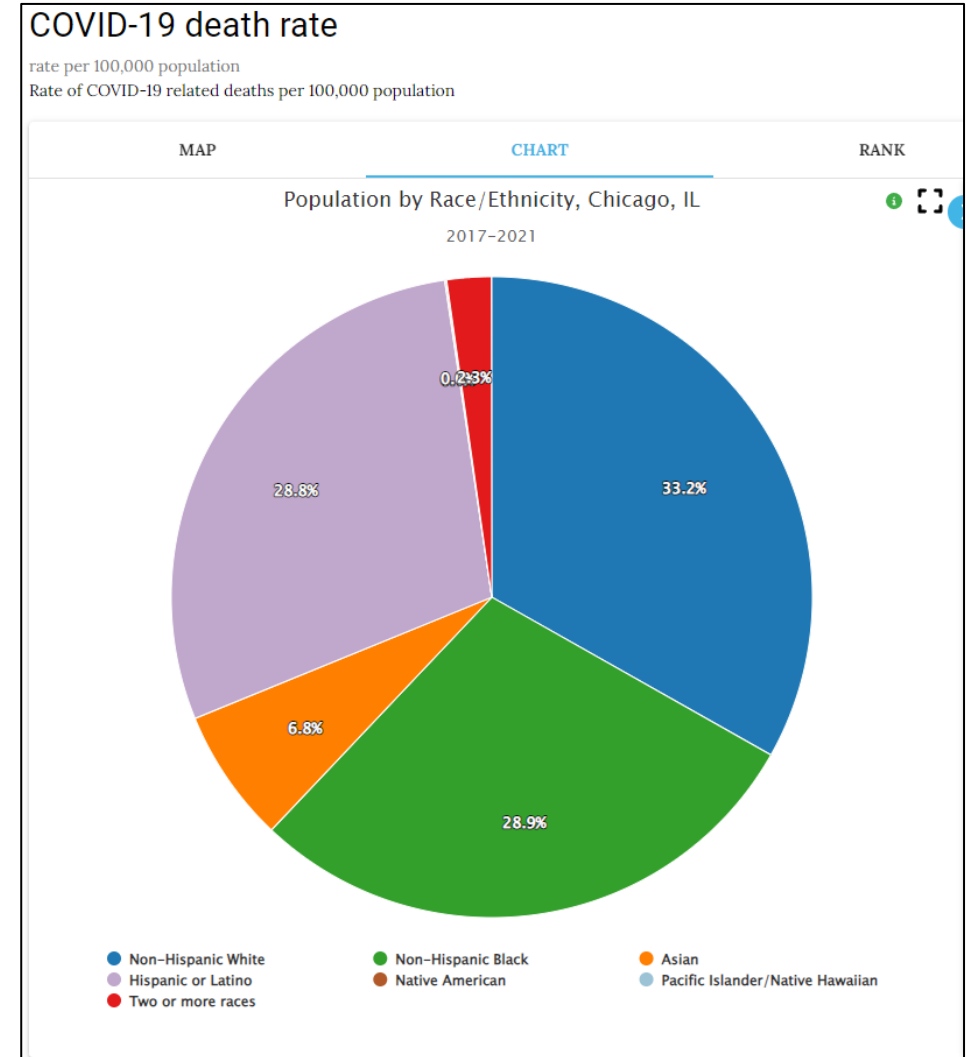
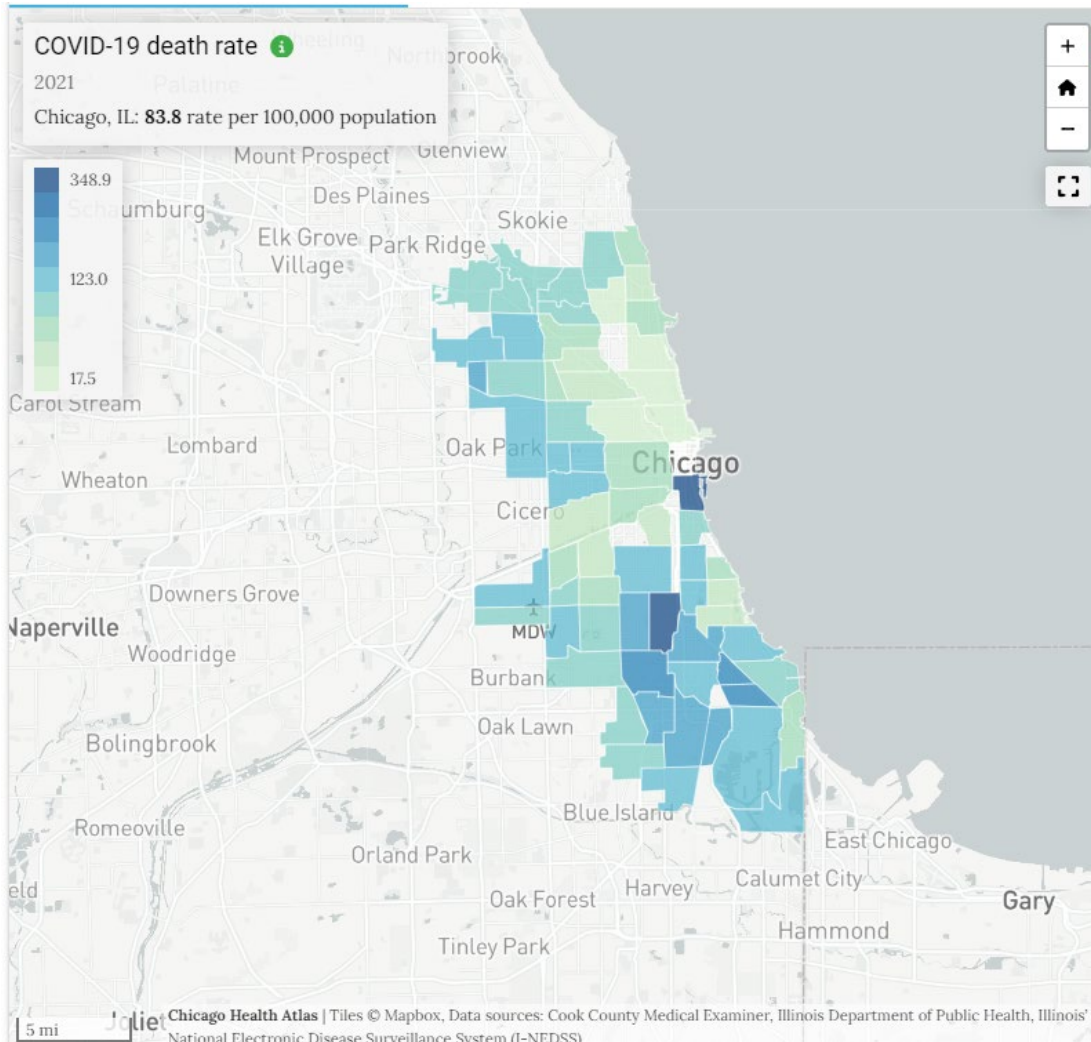
Chicago – Demographics and Life Expectancy



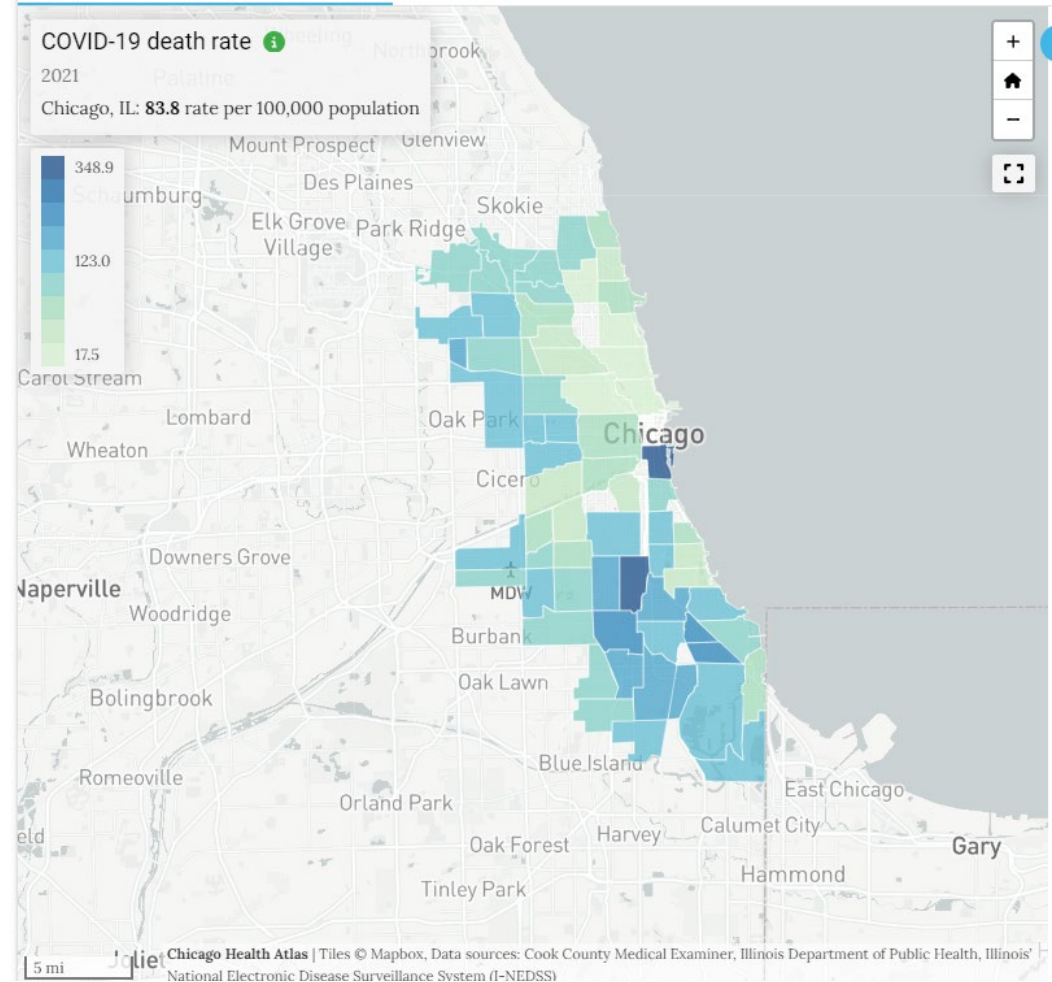
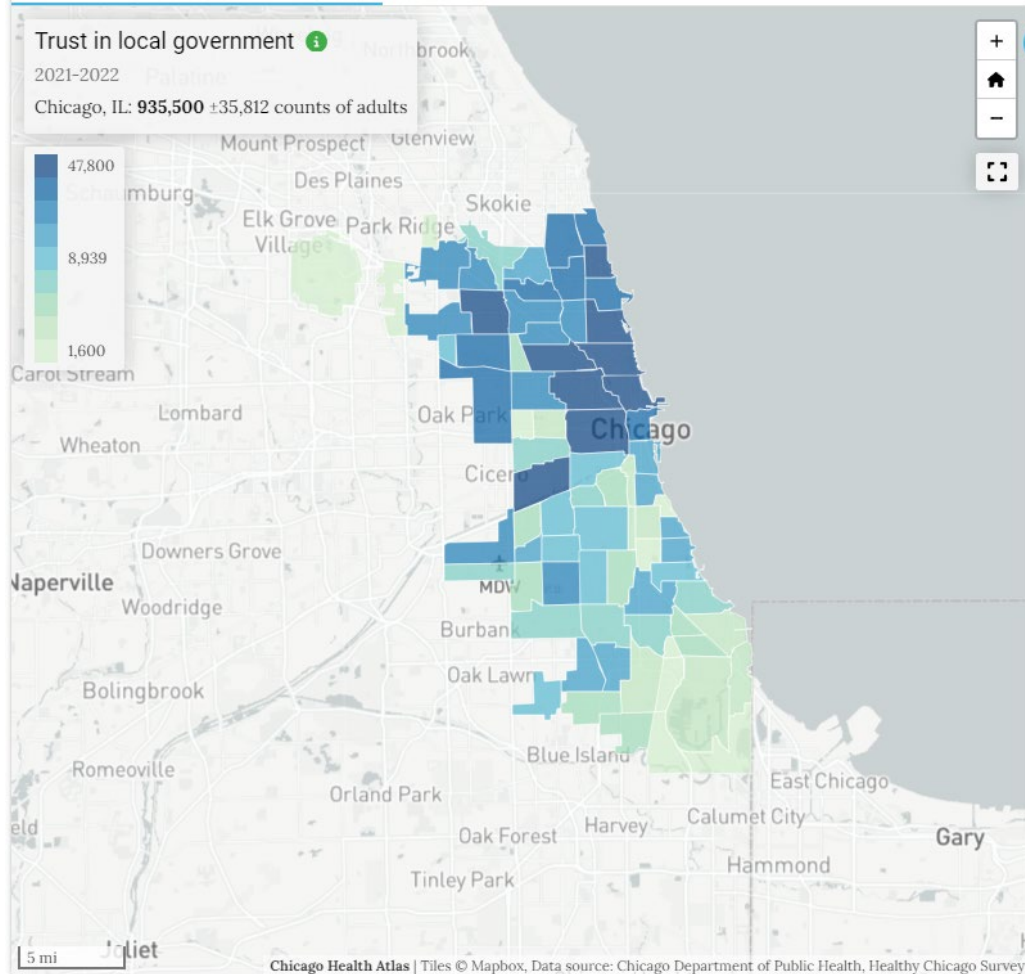
Chicago - Trust in Government



Chicago - COVID-19 Mortality rates



Chicago – Trust versus Mortality



Chicago – How we focused our efforts



- Utilized our Community Vulnerability Index to identify communities with disproportional health out-comes associated to COVID-19
- Established **Racial Equity Response Team** and the **Protect Chicago Plus vaccine equity pilot** – focus on 15 community areas with highest illness and lowest vaccination uptake
- Took Community approach to garner feedback on what the communities needed, define community-based agencies, endorse community Ambassadors (champions), construct vaccine delivery to meet the needs
- Initiated a targeted vaccination campaign – multiple prong approach with a hyper local focus (block by block, church vax, community pop-ups, expanding finally to at-home vaccinations.)

The Racial Equity Rapid Response is organized into four categories



Rapid response framework

Education

(e.g. public health campaigns)

Prevention

(e.g. wellness checks, masks)

Testing and Treatment

(e.g. testing sites, contact tracing)

Support Services

(e.g. housing, utilities, food, water, mental health)

Key Enablers*

- Contextual, **community-specific** communication
- Mobilization of **community-level organizers and leadership**
- Data-driven investigative work

Key Strategies*

Education

- Revised guidance for individuals/families based on risk factors specific to CoVID-19 transmission

Prevention

- Community-level personal protective measures (e.g. masks, products, etc.)

Testing and Treatment

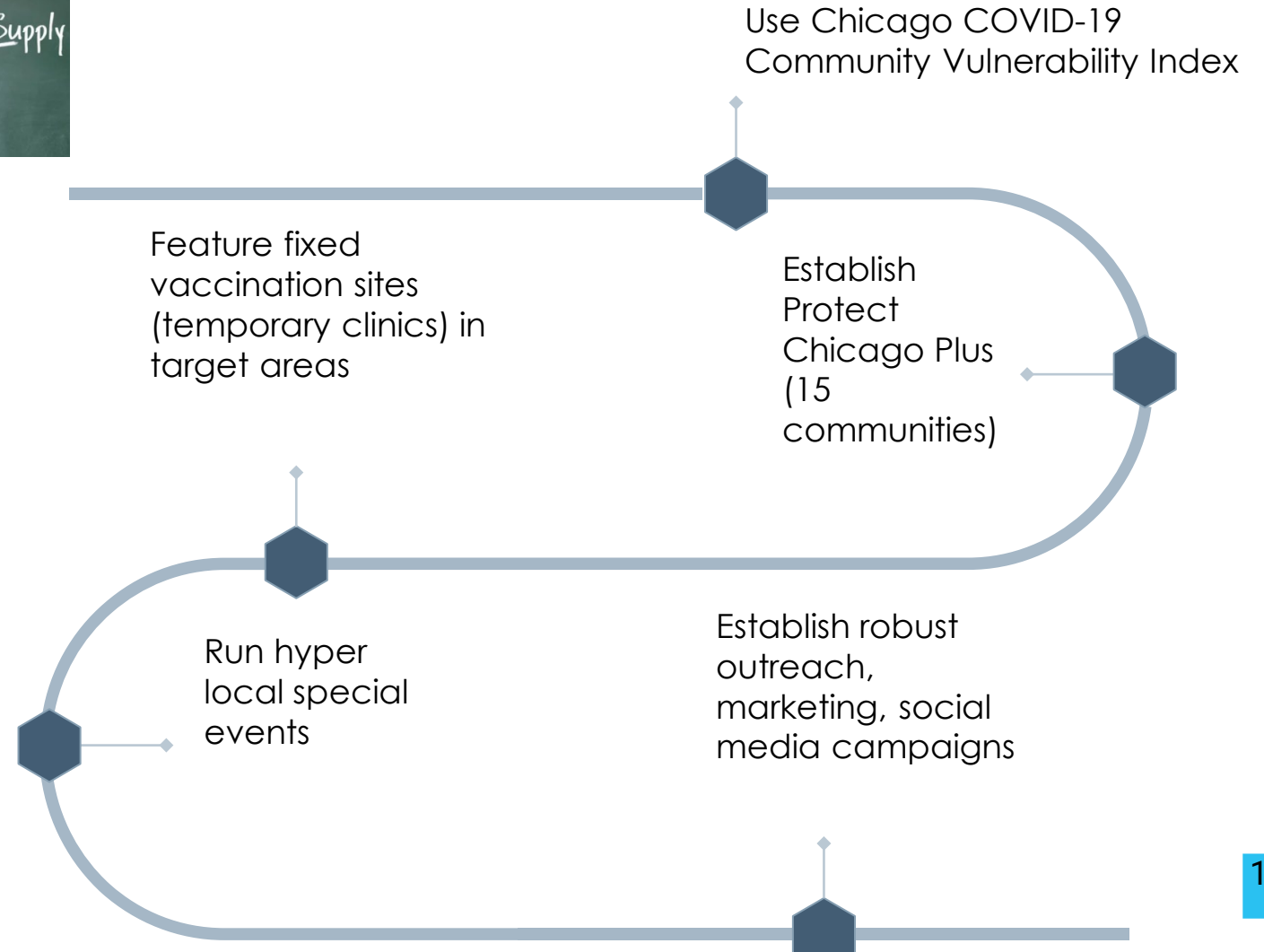
- Targeted symptom screening and testing based on risk factors specific to CoVID-19 transmission
- Provider coordination for early access to care
- Avenues for quarantining and isolation

Support Services

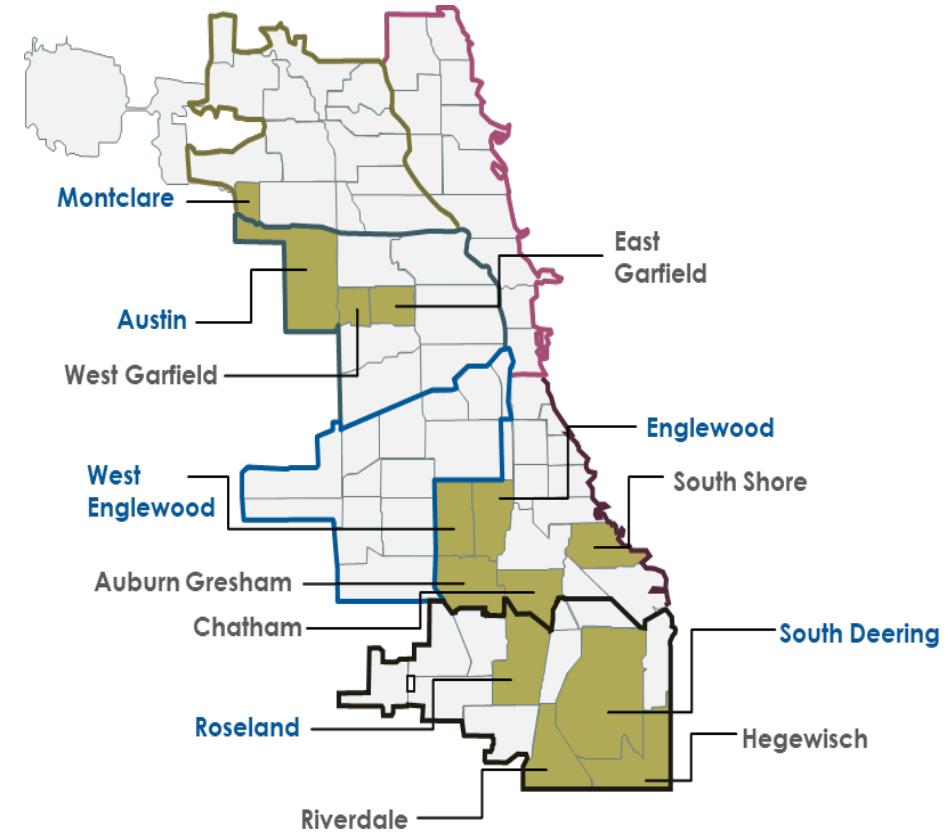
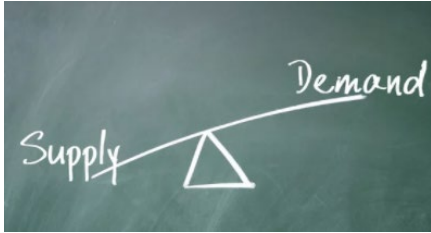
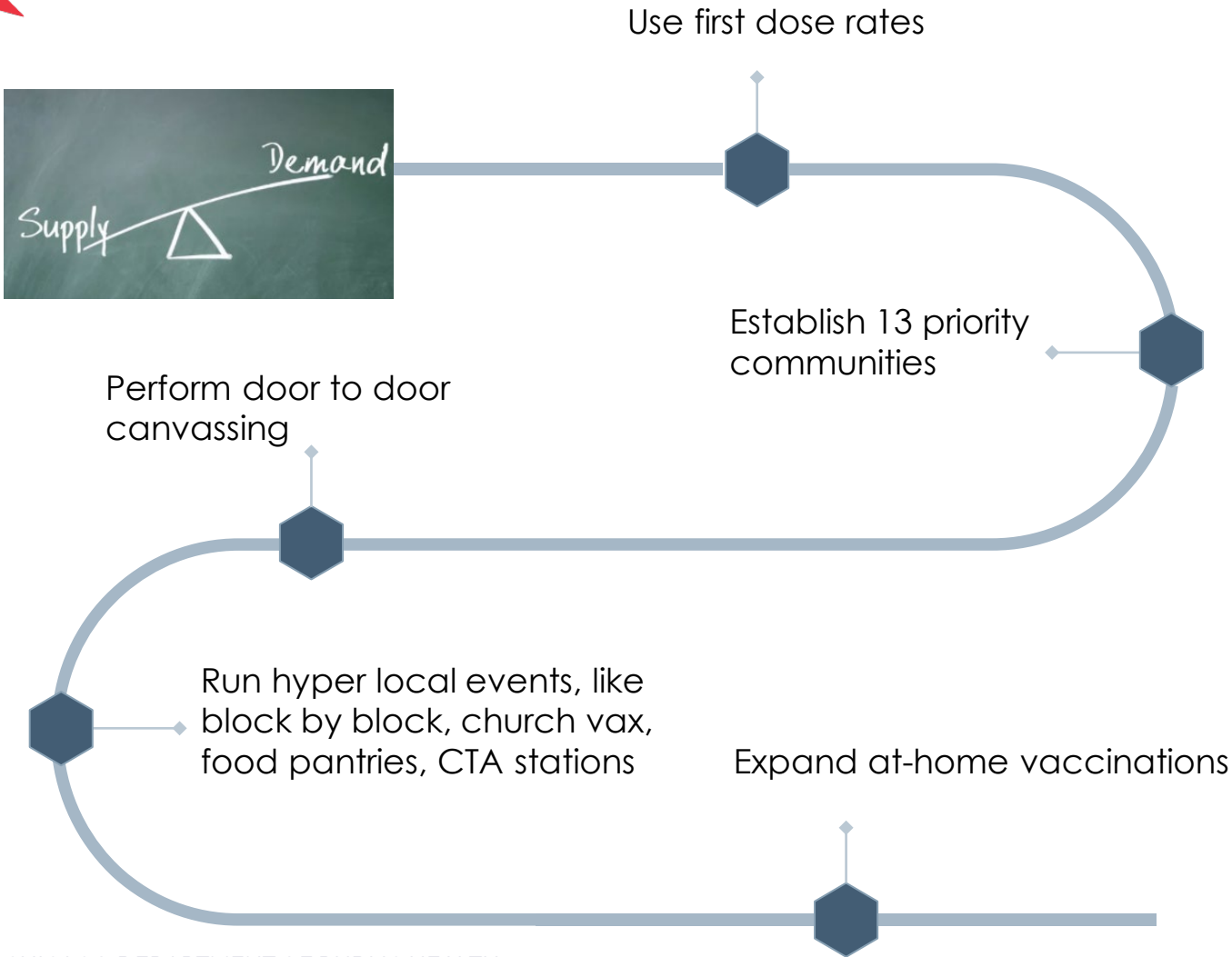
- Consideration of the challenges/needs of specific situations/contexts (e.g. multi-generational households, seniors, congregate living residents) both short and long term
- Community-identified contextual factors that mitigate mitigation and need solving for

Continuing Community Co-Designed Model –

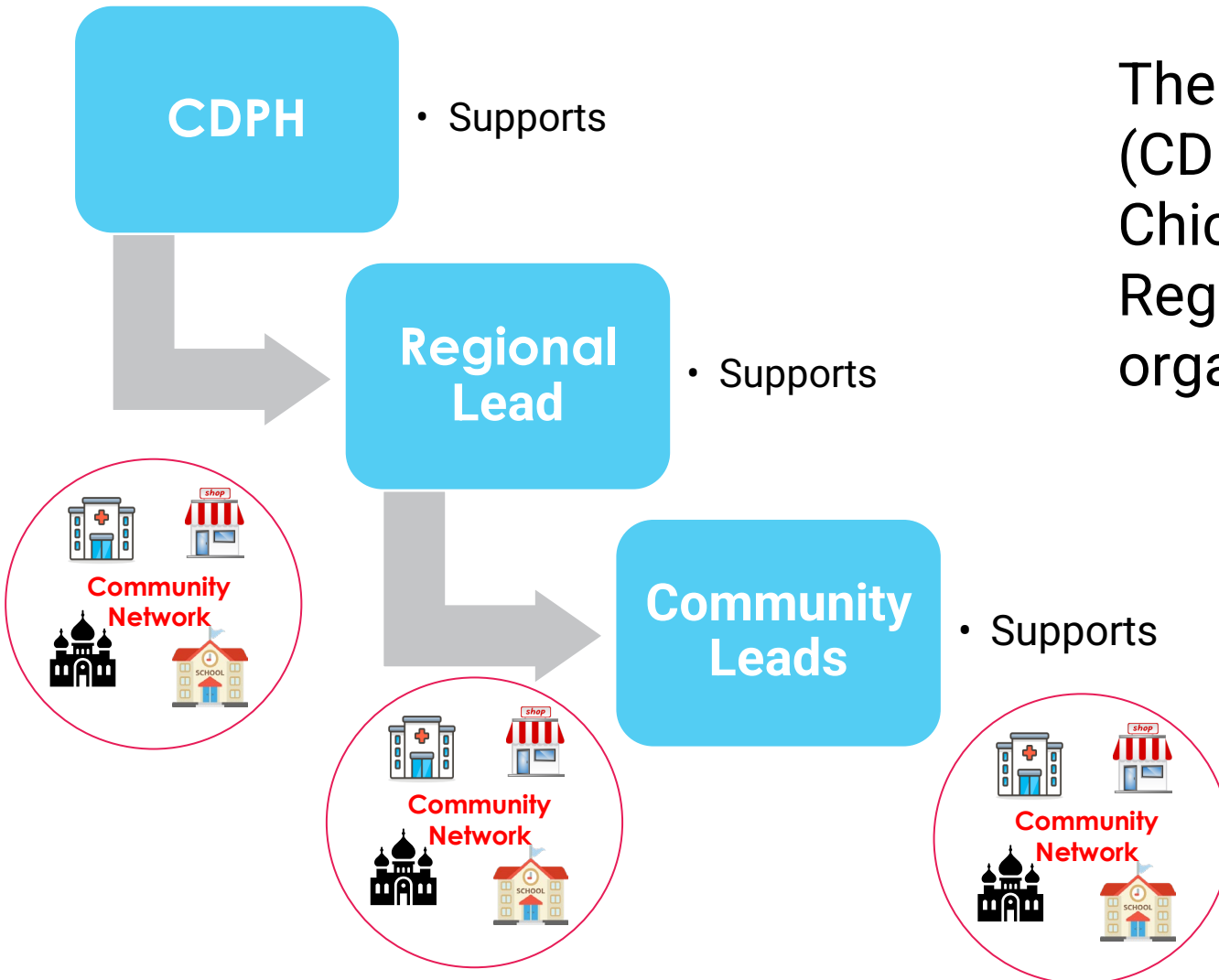
PHASE 1



Continuing Community Co-Designed Model - PHASE 2



Chicago – Health Equity Zones approach for the future



The Chicago Department of Public Health (CDPH) has established six Healthy Chicago Equity Zone (HCEZs) led by Regional and Community Lead organizations.



2023-2025 HCEZ Sustainability and Partnerships



- Immunization: COVID/Flu Vaccination Outreach and Events
- Community Safety Coordination Center: Support vacant lot development and upkeep
- Substance Use: Creation of NARCAN distribution centers and training
- Treatment Not Trauma/Community Health Worker programs
- Disease Prevention and Control Training
- Public Health 101 Academy for highschoolers
- Emergency Response Trainings
- Diabetes Prevention Programming Expansion

Questions?



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



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