



City of Cincinnati

801 Plum Street
Cincinnati, OH 45202

Agenda - Final

Climate, Environment & Infrastructure

Councilmember Meeka Owens, Chairperson
Councilmember Mark Jeffreys, Vice-Chair
Councilmember Jeff Cramerding, Member
Councilmember Seth Walsh, Member

Tuesday, September 10, 2024

10:00 AM

Council Chambers, Room 300

PRESENTATIONS

Green Cincinnati Plan Update

Dir. Oliver Kroner, Office of Environment and Sustainability

A Window into Social Determinants of Health: Legal Interventions and Community Disparities

Dr. Grant Mussman, Cincinnati Health Department

Mary Asbury, Executive Director

Rachel Barr, Senior Supervising Attorney

AGENDA

- [202401871](#) **REPORT**, dated 8/7/2024, submitted by Sheryl M. M. Long, City Manager, regarding partnering with METRO for discounted monthly passes for City of Cincinnati employees. (See Doc. #202401111)
Sponsors: City Manager
Attachments: [Report](#)
- [202401707](#) **REPORT**, dated 8/7/2024, submitted Sheryl M. M. Long, City Manager, regarding Litter Operations Working Group. (See Doc. #202400529)
Sponsors: City Manager
Attachments: [Report](#)
- [202401993](#) **PRESENTATION**, submitted by Sheryl M. M. Long, City Manager, dated 9/10/2024, regarding the Green Cincinnati Plan Update.
Sponsors: City Manager
Attachments: [Transmittal](#)
[Presentation](#)

4. [202401987](#) **PRESENTATION**, submitted by Councilmember Owens, from Legal Aid Society of Greater Cincinnati, regarding Improving Health Outcomes and Health Equity Using Legal Advocacy.

Sponsors: Owens

Attachments: [Presentation](#)

5. [202401991](#) **PRESENTATION**, submitted by Sheryl M. M. Long, City Manager, dated 9/10/2004, regarding A Window into Social Determinants of Health in Cincinnati.

Sponsors: City Manager

Attachments: [Transmittal](#)
[Presentation](#)

ADJOURNMENT

August 7, 2024

To: Mayor and Members of City Council

From: Sheryl MM Long, City Manager

202401871

Subject: Report on Partnering with METRO for Discounted Monthly Passes for City of Cincinnati Employees

REFERENCE DOCUMENT #202401111

On May 7, 2024, the Climate, Environment, and Infrastructure Committee referred the following for a report:

MOTION, submitted by Councilmembers Harris, Walsh, Jeffreys and Owens **WE MOVE** that the administration partner with METRO to engage in their METRO Pass program to provide interested City of Cincinnati Employees with discounted monthly passes. This should be promoted through the annual employee survey with eventual consideration of further subsidizing the passes to help recruit and retain talent.

The following report outlines the process by which the City of Cincinnati can partner with METRO to offer discounted monthly bus passes to interested employees. Specifically, it provides a detailed explanation of the program referenced by Council, METRO Pass Program, out of Minneapolis/St. Paul Minnesota and the roles, responsibilities, and costs associated. The report also details current offerings by Cincinnati's Southwest Ohio Regional Transit Authority (SORTA/Metro).

Additionally, the report clarifies the purpose of the annual Temp Check survey and explores its potential utility in assessing employee interest in the METRO Pass program. Furthermore, it considers the inclusion of questions in the survey to determine employee willingness to cover the costs through payroll deductions.

METRO PASS PROGRAM

Metropass is a program offered by Metro Transit, out of Minneapolis/St. Paul Minnesota, that provides employees of participating organizations with unlimited-ride transit passes at a deeply discounted rate. Employers can choose to cover the full cost, subsidize part of it, or pass the cost to employees. The program requires an initial one-year commitment, after which it moves to monthly billing. It helps reduce commuting stress, lowers transportation costs, and supports sustainable travel options.

The Metropass program requires participating employers to make at least a commitment of an initial year period before moving to monthly billing. In addition to actively promoting the METRO Pass program to eligible employees to ensure maximum participation, employers must designate a

Metropass administrator who would be responsible for setting up an account on the secure administrator site, submit participant names, verify active passes monthly for accurate billing schedule and conduct orientation sessions, distribute the physical Metropass to employees, and remind participants of usage terms while managing the ordering, cancellation, replacement, and suspension of passes through the administrator site.

The METRO Pass program costs \$83 per employee each month, compared to the \$120 regular monthly pass, and provides unlimited access to regional buses and trains. Employers can estimate the total monthly cost by multiplying \$83 by the number of participating employees. For instance, if 100 employees participate, the monthly cost would be \$8,300/month or \$99,600 a year. Employers have the option to either pass the full cost to employees through a payroll deduction, subsidize part of the cost, or fully cover the cost.¹

SORTA/METRO PASS PROGRAMS IN CINCINNATI

SORTA/Metro offers several transit pass options, although there is not an exact equivalent to the Metropass program found in Minneapolis/St. Paul advertised on its site.

SORTA/Metro provides a variety of passes to suit different commuting needs. The 30-Day Rolling Passes include the Hamilton County Local pass at \$80, which is valid for unlimited rides within Hamilton County for 30 days. The Hamilton County Express pass costs \$106 and includes Routes 52X and 72X, while the Suburban County Express pass is priced at \$150 and covers Routes 42X, 71X, and 82X. Additionally, the Metro/TANK pass is available for \$105, allowing unlimited travel within Hamilton County and on all local TANK routes.

For shorter-term needs, SORTA/Metro offers Day Passes. The Hamilton County Local Day Pass is priced at \$4.00 and provides unlimited rides within a 24-hour period. The Metro/TANK Day Pass, costing \$5.00, offers unlimited travel on both Metro and TANK buses for 24 hours.

In addition to these passes, SORTA/Metro offers Stored Value Cards in increments of \$10, \$20, and \$30, which function like cash for fare payments.

Special programs are also available, such as the Fare Deal Program, which offers half-price fares for seniors, individuals with disabilities, and others who meet specific eligibility criteria. This program includes a monthly sticker priced at \$40. Another program, the Metro Veterans Program, provides discounted fares for veterans.

While SORTA/Metro does not currently offer an exact equivalent to the Metropass program for area employers, efforts have been made to explore similar options. In 2022, the City of Cincinnati's Department of Human Resources (HR) requested that Metro consider providing a bulk discount for City employees, either as a flat rate discount of 10-20% or through employer or employee contributions. At that time, SORTA/Metro needed to work with their ticketing and payment solutions vendor, Masabi, to test integration with the Transit app technology for handling bulk payments.

Since 2022, there has been no further engagement between HR and SORTA/Metro regarding this initiative. The HR department presumed that SORTA/Metro was exploring potential avenues and recommendations for such a partnership that could benefit not just the City of Cincinnati but also other area employers.

¹ <https://www.metrotransit.org/metropass-overview>

TEMP CHECK EMPLOYEE SURVEY

The City of Cincinnati plans to release its second annual Temp Check survey during the open enrollment period in October 2024. This survey is essential for evaluating various aspects of the workforce, including job satisfaction, employee morale, engagement levels, and overall organizational effectiveness.

To ascertain employee interest in participating in a program like Metropass, the following questions could be included in the upcoming Temp Check survey:

- "Do you currently use public transit for your commute?"
- "If a subsidized public transit pass program were available, how likely would you be to use public transit for your commute?"
- "Would you be willing to cover the cost of the public transit pass through a payroll deduction if the program provided you with significant savings?"

SUMMARY

In closing, this report explores the potential for the City of Cincinnati to collaborate with SORTA/Metro to offer discounted monthly transit passes to its employees, modeled after the Metropass program in Minneapolis/St. Paul. It also highlights the opportunity for the City to use the annual Temp Check survey to assess employee interest and willingness to participate in and potentially cover the costs of the program.

Should SORTA/Metro possess a program comparable to the Metropass that is not yet advertised to area employers but is willing to extend it to the City, it will be necessary for City Council and the Administration to decide whether to fully or partially subsidize the cost per participant, or have employees cover the cost entirely. Additionally, an administrator must be designated to manage the program, ensuring active participation and accurate billing.

c: Natasha Hampton, Assistant City Manager
Latisha Hazell, Director of Human Resources

August 7, 2024

To: Mayor and Members of City Council

From: Sheryl M.M. Long, City Manager

202401707

Subject: Litter Operations Working Group

Reference Document #202400529

The Healthy Neighborhoods Committee at its session on February 12, 2024, referred the following item for review and report.

MOTION, submitted by Councilmembers Cramerding and Jeffreys, **WE MOVE**, that the administration utilize the Office of Performance and Data Analytics (OPDA) and, if necessary, outside consultants to identify best practices, compare peer cities, and develop a plan for a comprehensive and proactive litter prevention and removal plan and to inform council of the cost of such a plan.

WE FURTHER MOVE that the Administration produce a report which identifies and outlines short-term improvements. This report shall include potential resources that may be reallocated for implementation of improvements identified along with budget update recommendations. Priority should center on critical neighborhood arteries and thoroughfares leading into downtown.

Litter Operations Working Group

At the direction of the City Manager, a new SIET Initiative has been established for the continuous improvement of Litter Operations. OPDA has organized a small, action-oriented, working group to carry-out the necessary research, ideation, and implementation of new and improved litter operations. This group will identify the most efficient and effective ways the Administration can execute on litter operations across departments and in collaboration with community partners. The working group will report on progress to the City Manager in the format of the regular SIET: Service Delivery cadence. Additionally, a formal report, with data-informed areas of opportunity, updates on implemented improvements, and recommendations for longer-term solutions and the subsequent reallocation of resources and/or additional resources needed for implementation, will be submitted to Council in fall of 2024.

cc: William "Billy" Weber, Assistant City Manager
Eric Jamison, Director, Office of Performance & Data Analytics

September 10, 2024

To: Members of the Climate, Environment & Infrastructure Committee
From: Sheryl M. M. Long, City Manager 202401993
Subject: **Presentation** – The Green Cincinnati Plan Update

Attached is a presentation regarding The Green Cincinnati Plan Update.

cc: Oliver Kroner, Director, Office of Environment & Sustainability



Green Cincinnati Plan 2023

Update for Climate, Environment, & Infrastructure Committee | September 10, 2024



GREEN CINCINNATI PLAN



| BUILDINGS & ENERGY



| CITY OPERATIONS



| COMMUNITY ACTIVATION



| FOOD



| NATURAL ENVIRONMENT



| MOBILITY



| RESILIENCE & ADAPTATION



| ZERO WASTE

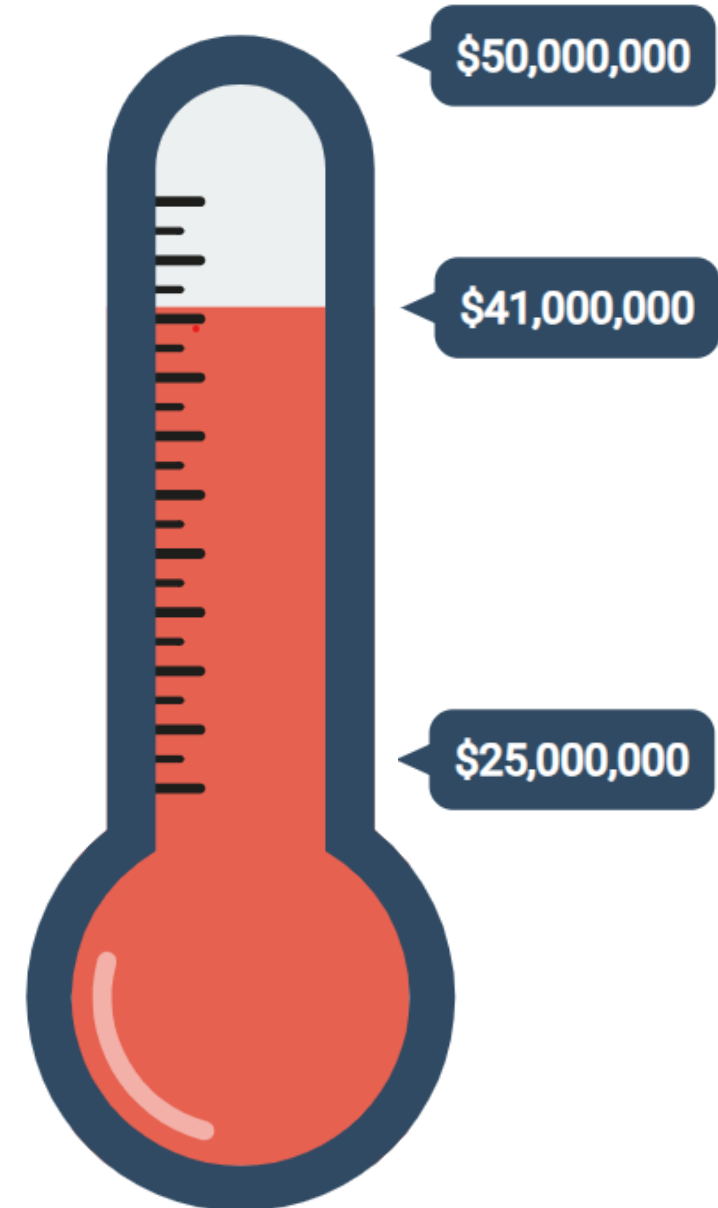
50% carbon emissions reduction by 2030, 100% carbon neutral by 2050.

Sustainability. Equity. Resilience.



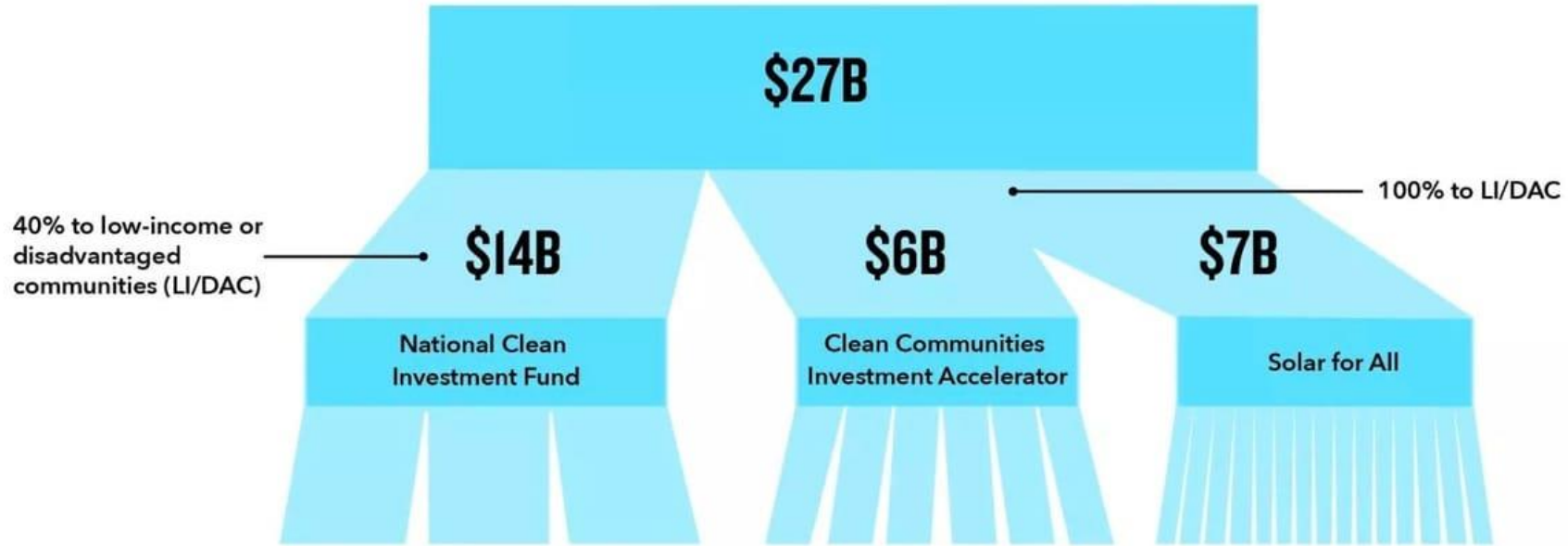
Federal Funding

- **Goal:** \$25M secured for GCP implementation by 2028
- **Secured:** ~\$41M!
 - Workforce development
 - Heat pump installations
 - Building Performance Standards
 - Composting
 - Brownfield Remediation
 - Solar for All
- **Major Opportunities ahead:**
 - Community Change - \$20M



GREENHOUSE GAS REDUCTION FUND (GGRF)

A critical tool for filling gaps in access to green capital, with almost 70% of funds dedicated to projects in low-income and disadvantaged communities that lack access to financing.



PROJECT EXAMPLES



Community-Owned Solar



Small Business Loan - Transportation



Existing Building Decarbonization



Single-Family Home Loan

EPA Announces \$7 Billion Solar for All Grants

- Significant funding for low-income solar
- Two applications supported by City staff awarded to:
 - Ohio Air Quality Development Authority - \$156M
 - Industrial Heartland Solar Coalition - \$156M
- Expected local investment of ~\$20M, benefitting 3,000 low-income households



Clean Energy Solutions RFP

Solar at Center Hill Landfill Design Concept

Array Size

North Lobe: 2.5 acres; approx. 1.2 MW AC

South Lobe: 9 acres; 2.85 MW AC




Total: approx. 4.05 MW AC

1. Accommodates both proposed CDL site and solar arrays
2. Keeps solar arrays under the 5 MW threshold for Investment Tax Credit (ITC) to include interconnection costs
3. Avoids southern portion of south lobe for potential future building use

Cincinnati has secured \$9.8M in Solar for All grant funding to support this work.



Legend

-  Property Boundary
-  Proposed Solar Array Locations
-  Potential Point of Interconnection



Green Bank Development


- Local coalition working to attract Green Bank investment to Cincinnati region
- Engagement of local stakeholders to build awareness of the opportunity, and build local project pipeline
- Research of green bank efforts in other locations
- Vision forming around the development of a “Virtual Greenbank” that creates a “front door” to access the variety of green financing tools available

The Development of Green Bank Programs in Cincinnati

Phase 1

April 30, 2024

Prepared for:
The Port
Cincinnati Development Fund
Cincinnati Business Committee
Cincinnati Regional Business Committee
City of Cincinnati
Hamilton County

Prepared by:
 **DONOVAN ENERGY**



Fleet Electric Vehicles

Goal: 400 Fleet EVs by 2028

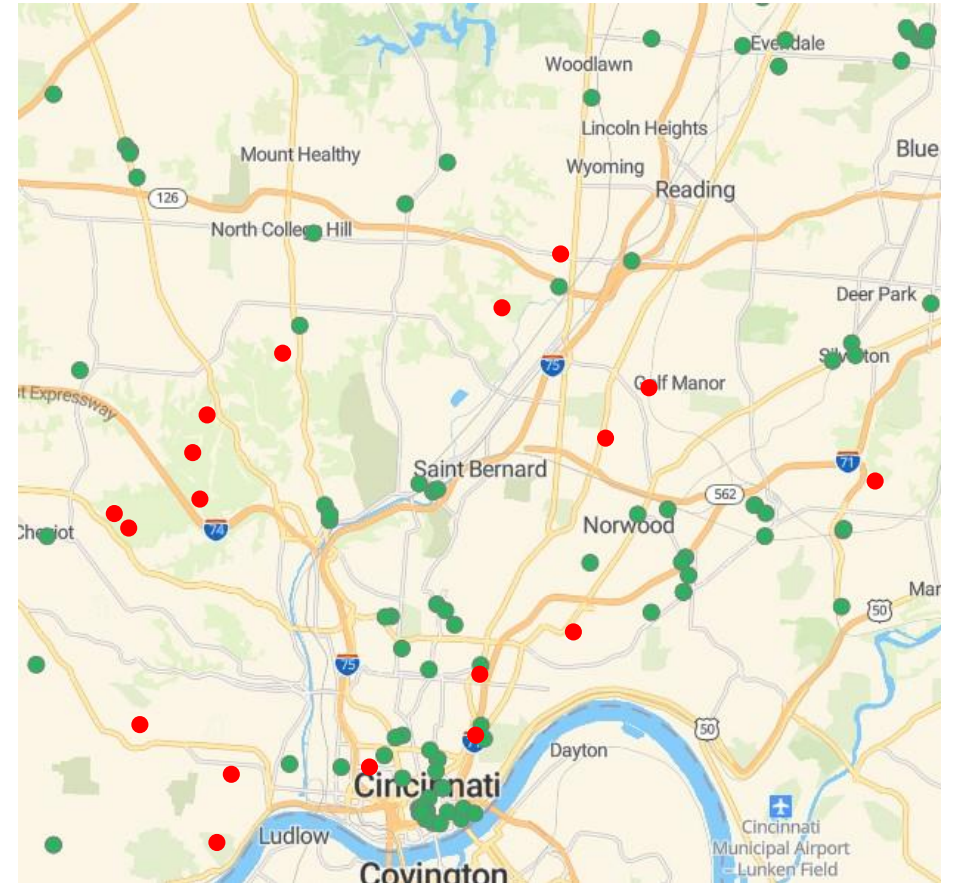
- 9 new Ford Mach-Es
- 8 new Ford Lightnings
- 1 new E-Transit
- **Current Total: 62 Fleet EVs**
- Focus on charging
 - 32 Level 2 Chargers
 - 30 Level 1 Chargers
 - Long-term charging plan complete
 - Will pursue charging hubs at 3-4 key locations
 - Exploring financing options





Public EV Charging

- FHWA Charging & Fueling Infrastructure grant: \$850K
- Install two to four publicly accessible EV charging ports at 18 Parks & CRC locations in or adjacent to disadvantaged communities.



Legend

- Proposed EV Charging Sites
- Current Public EV Charging Sites





Buildings

DOE Building Performance Standards grant: \$10M

- Cincinnati-led, in collaboration with Columbus, Cleveland & Dayton
- Seeks to achieve energy reduction of 45% by 2050 for commercial buildings larger than 50,000 sqft.
- Seeks to address major barriers to BPS in Ohio by providing direct implementation resources to cities, aligning with energy equity goals, and creating Ohio's first statewide building resource hub





GREEN CINCINNATI PLAN
Seeds of Change
 Grant Program



Purpose:

To encourage residents and partners to initiate community-led projects that bring the Green Cincinnati Plan to life.

To support resident-driven solutions that focus on impacting those communities most affected by climate change.

Inaugural Round:

19 proposals recommended for funding totaling \$196,769 (\$100k city funds; \$96,769 in GCF donor funds)

Organization Name	Project Title
B the Keeper	Powerful Pollinators
Beekman Community Market	Increase Food Production Capacity in the Beekman Corridor
Black Power Initiative*	Creating an Agricultural Production Site in the West End for CCPA/Cincy Rec Kids
Brick Gardens*	Brick Gardens Campus Composting – Phase One
Camp Washington Urban Revitalization Corporation	Camp Washington LED Initiative
Cincinnati Northside Community Urban Redevelopment Corporation (NEST)	Preserving Affordable + Diverse Homeownership: Energy Efficient Expansion
Cincinnati Permaculture Institute	Growing Food Producers
East End Area Council*	Canopy Plan for CRC’s Schmidt Fields, Park, and Boat Ramp
Isaiah 55, Inc.	Feed the Block
Mt. Airy Community Urban Redevelopment Enterprise (CURE)	Mt. Airy Community Garden High Tunnel
Mt. Washington Community Council	Green Mt. Washington – Activating and Educating Our Residents Where They Are
Mt. Washington Community Development Corporation	Improving Access to Green Transportation, Increasing Safety, and Promoting Zero Waste
Mt. Auburn Garden Initiative Corporation	Pocket Prairie – Phase 1
MyWhy	Grow Where You Are Planted & the Power of Produce – Taking It To The Parks Program
Northside Farmers Market	Northside Farmer’s Market’s For Everybody!
Pleasant Street North Community Garden	Living Shade Structure
Roselawn Community Council	School Community Garden
SonLight Power, Inc.	Horses on the Hill Solar Installation
The Being Project	Rees E. Price Outdoor Learning



GREEN CINCINNATI PLAN
Seeds of Change
Grant Program
YOUTH CLIMATE ACTION
Supported by Bloomberg Philanthropies



Purpose:

Activate young people aged 15 – 24 years old to design, produce, and govern urgent climate solutions in their local communities.

- Projects were selected by a youth review committee.
- \$40,000 awarded across 9 projects led by youth and local non-profits
- 18 neighborhoods are receiving funding, 70% that are identified as LIDAC communities
- 63% of funded proposals are led by a person of color

Congrats to the 2024 YCAF Awardees!

- Bloc Ministries
- Cincinnati Youth Climate Leadership with Green Umbrella
- Elisha Education Enrichment
- IKRON Corporation
- Mount Airy Cure
- Sidestreams and Madisonville Youth Council
- University of Cincinnati Department of Environmental Engineering
- University of Cincinnati Students for Burnet Woods
- XU Office of Institutional Diversity & Inclusion, Black Student Union, NPHC



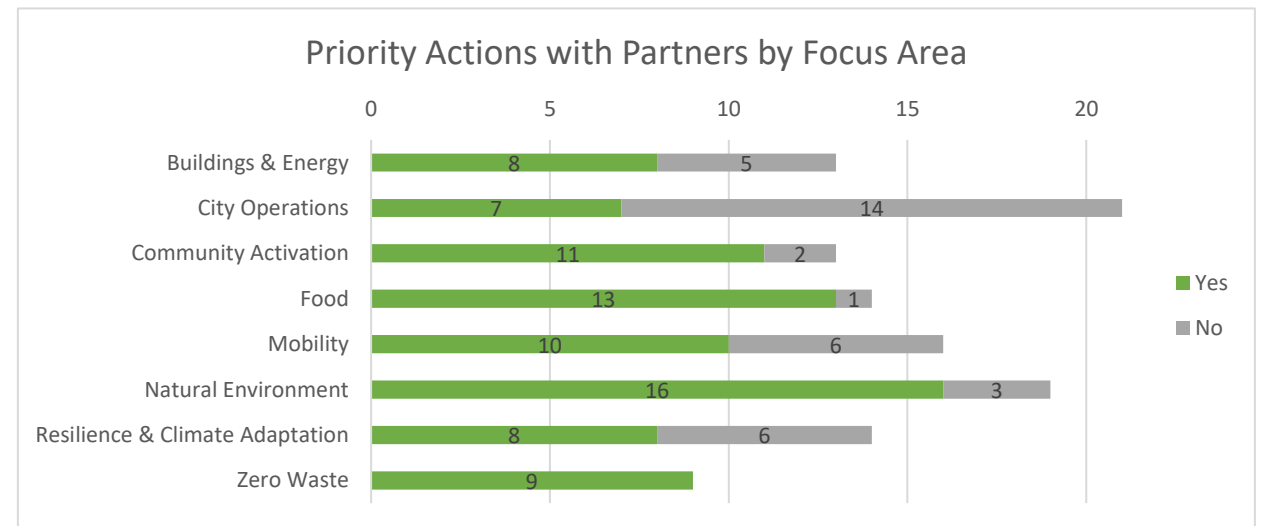
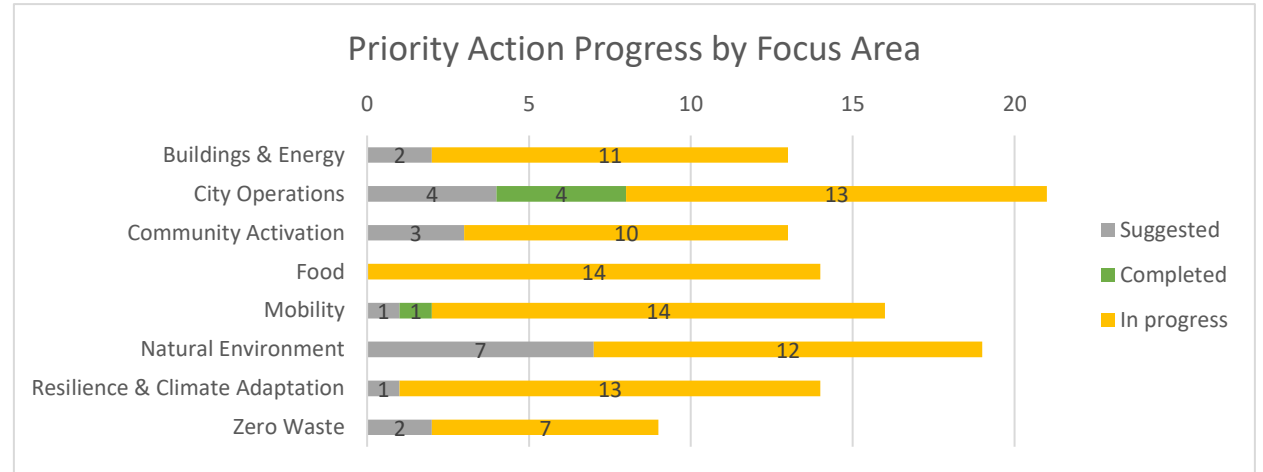
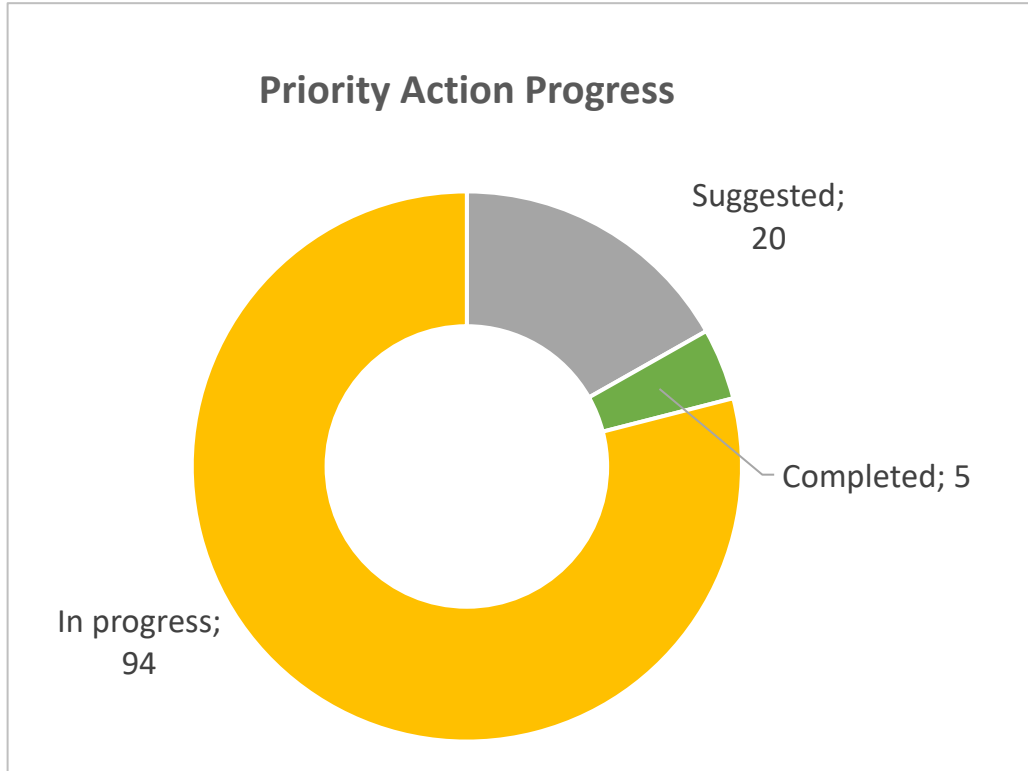
Connected Communities & Green Cincinnati

- ✓ Embrace zoning reform that increases density near transit, reduces or eliminates parking requirements across the City, and minimizes the use of surface parking lots
- ✓ Promote “15 Minute Neighborhoods” with mixed residential (including multi-family) and commercial zoning to increase transit connectivity as well as density and affordability
- ✓ Continue to design bus routes and bus stop shelters to ensure convenient and consistent service with reliable connections
- ✓ Develop regional bus rapid transit routes along key corridors





Progress Tracking



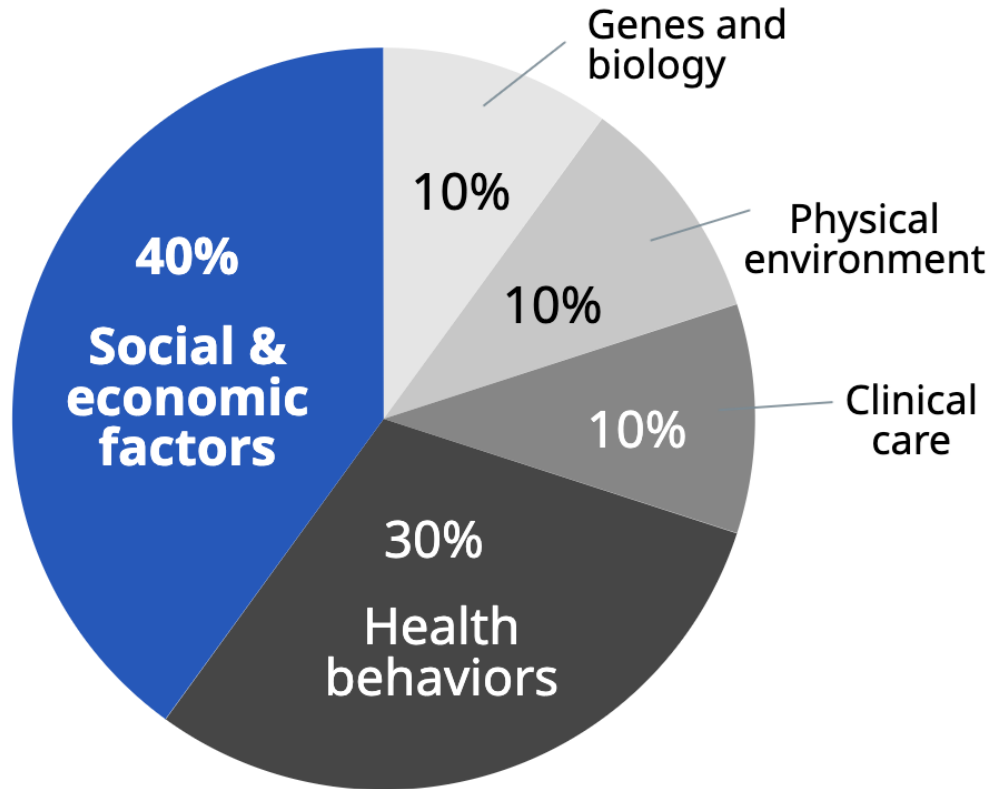


Improving **Health Outcomes** and **Health Equity** Using **Legal Advocacy**

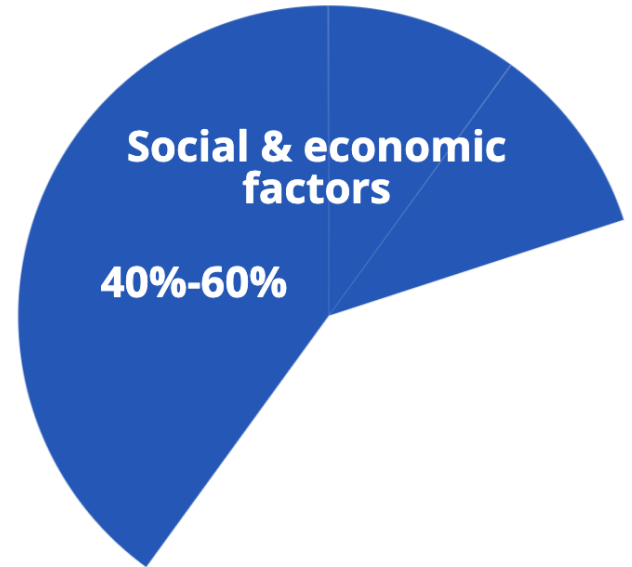
Mary Asbury, Executive Director
Rachel Barr, Senior Supervising Attorney

September 10, 2024

What Determines Health?



For the population we work with, **40-60%** is a more accurate estimate





Minority and low-income individuals are at **greater risk of poor health outcomes**



Ways to Improve Health Outcomes & Equity

- Health insurance
- Dental care
- Healthy food access
- School achievement
- Safe communities and neighborhoods
- Childcare
- Mental health services
- Access to **effective legal advocacy**



People do not know what **legal advocacy** can fix



Legal Aid serves individuals and families whose annual income is **less than 200% of the Federal Poverty Limit**

45 Attorneys and 15 Paralegals



Over 4,700 cases in 2023



Brown, Butler, Clermont, Clinton,
Hamilton, Highland, and Warren

Legal Aid Priorities



Housing

Unhealthy housing conditions

Eviction



Benefits

SNAP

Cash assistance

Social Security



Education

Expulsion

Special Education



Family

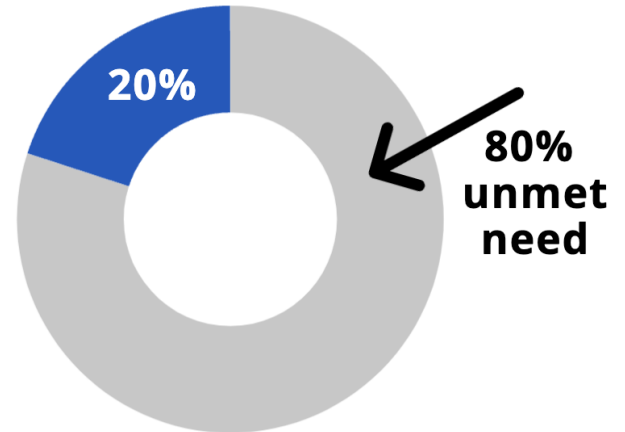
Partner violence

Divorce

Custody

Legal Aid is **only able to address 20%**
of civil legal needs of low-income
communities.

This unmet need is a nationwide crisis.





Health



Law



**Improved
health
outcomes**

Legal Aid has created **3 health law partnerships** [HLPs or MLPs] to use legal advocacy to address and resolve issues for low income children, families and pregnant women.



CHILD HELP
CINCINNATI CHILD HEALTH-LAW PARTNERSHIP




HEALTH EQUITY
NETWORK



We teach healthcare providers to identify Social Determinants of Health

- Common social legal issues that low- income patients face
- Which issues might be resolved through legal advocacy

A woman with long, dark braids is sitting on a light-colored wooden floor. She is wearing a light blue, short-sleeved shirt with a subtle pattern. She is holding a young child with curly hair, who is wearing a white long-sleeved shirt and white pants. Another child, also with curly hair, is walking away from the camera, wearing a white long-sleeved shirt and brown pants. The background shows white cabinets and a dark window or doorway.

**Legal Help Reduces Stress &
↑ Promotes Maternal & Newborn Health**

Providing Legal Advocacy Reduces Hospital

Admissions by 38%

Research By: Andrew Beck, MD, MPH | Robert Kahn, MD, MPH

Post Date: March 7, 2022 | Publish Date: March 7, 2022



HealthAffairs

[clinical](#) [exposures](#) [video](#)



Study in Health Affairs led by Cincinnati Children's provides rigorous calculation of the impact of medical-legal partnerships, suggests expansion

Ever since pushing a large landlord in Cincinnati to correct toxic housing conditions in 2009, clinicians at Cincinnati Children's have had powerful anecdotal evidence that a long-running partnership with the [Legal Aid Society of Greater Cincinnati](#) was making real improvement in child health outcomes.

Now they have a large body of data to prove it.

“If this were a pill that demonstrated a 38% reduction across so many kids in terms of hospitalization, **every pharmaceutical company in the country would be going after it, and every healthcare payer would be figuring out how to cover it.**”

- Robert Kahn, MD, MPH

Legal advocacy

✓ improves **health outcomes**

✓ promotes **health equity**

September 10, 2024

To: Members of the Climate, Environment & Infrastructure Committee

From: Sheryl M. M. Long, City Manager

202401991

Subject: Presentation – A Window into Social Determinants of Health in Cincinnati

Attached is a presentation regarding a Window into Social Determinants of Health in Cincinnati.

cc: Grant Mussman, MD, MHSA

A Window into Social Determinants of Health in Cincinnati

Grant Mussman, MD, MHSA
Cincinnati Health Department

CEI Committee
September 10, 2024

Agenda

- Background: Social Determinants of Health and Health Disparities
- City of Cincinnati Health and SDoH Challenges: from the Cities Health Dashboard
- Inside Cincinnati – a very brief look at how health outcomes can vary across our neighborhoods
- Focus on life expectancy as a health outcome and addressing preventable deaths
- Why Cardiovascular disease is an area of opportunity
- Highlight on CHD programs that address SDoH
- Key Takeaways
- Questions

Background

- Social determinants of health (SDOH) are the conditions in the environments where people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks
- Health disparities are preventable differences in the burden of disease, injury, violence, or opportunities to achieve optimal health that are experienced by socially disadvantaged populations

Cincinnati health outcomes challenges

Health Outcomes



Source: <https://www.cityhealthdashboard.com/OH/Cincinnati/city-overview>

Cincinnati health outcomes challenges

Health Outcomes



We see many below average outcomes in our community that are driven by health disparities

Source: <https://www.cityhealthdashboard.com/OH/Cincinnati/city-overview>

Cincinnati health outcomes challenges

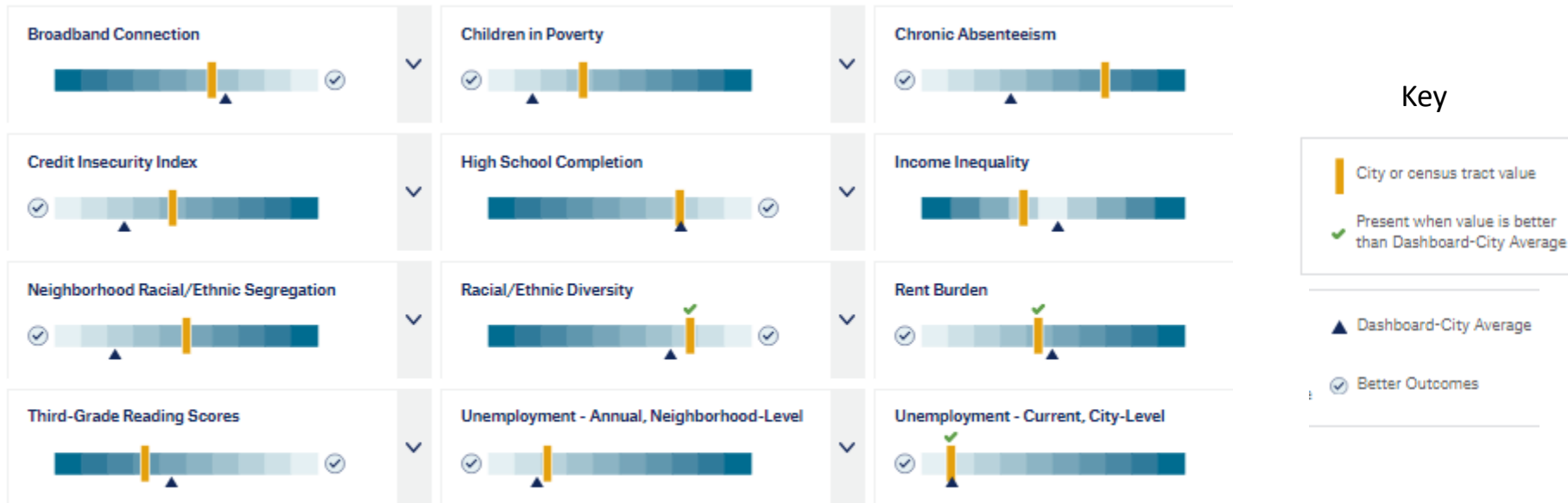
Health Outcomes



Source: <https://www.cityhealthdashboard.com/OH/Cincinnati/city-overview>

Social and economic factors, including social determinants of health, play a role in health outcomes

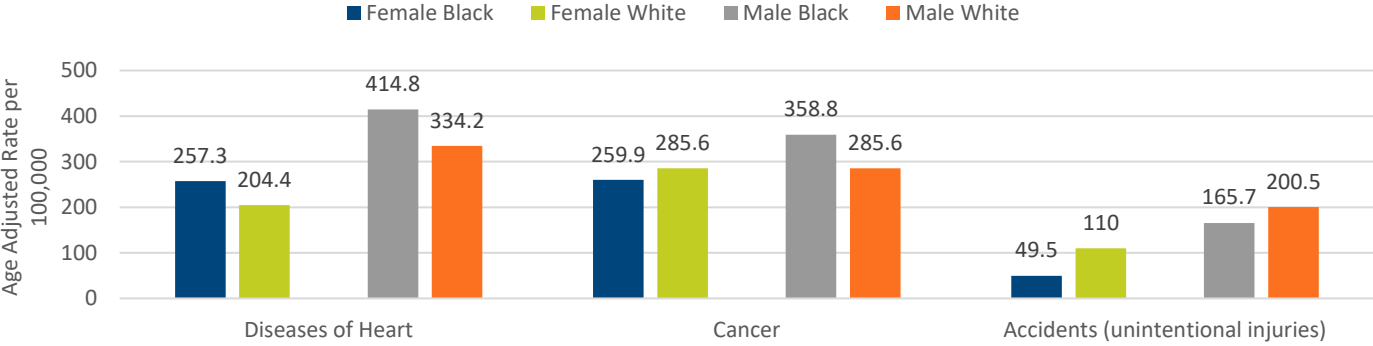
Social and Economic Factors



Source: <https://www.cityhealthdashboard.com/OH/Cincinnati/city-overview>

Within Cincinnati, health outcomes can vary by race and gender

Top 3 causes of death in Cincinnati, by race and gender



Source: <https://www.cincinnati-oh.gov/sites/health/assets/CHD%20Community%20Health%20Assessments/Cincinnati-Health-Department-2023-Community-Health-Needs-Assessment---December-2023-Update.pdf>

We especially see a difference in how health outcomes vary by geography (neighborhood)

Cincinnati Residents Below 100% of the Federal Poverty Level by Census Tract (%) (2021)

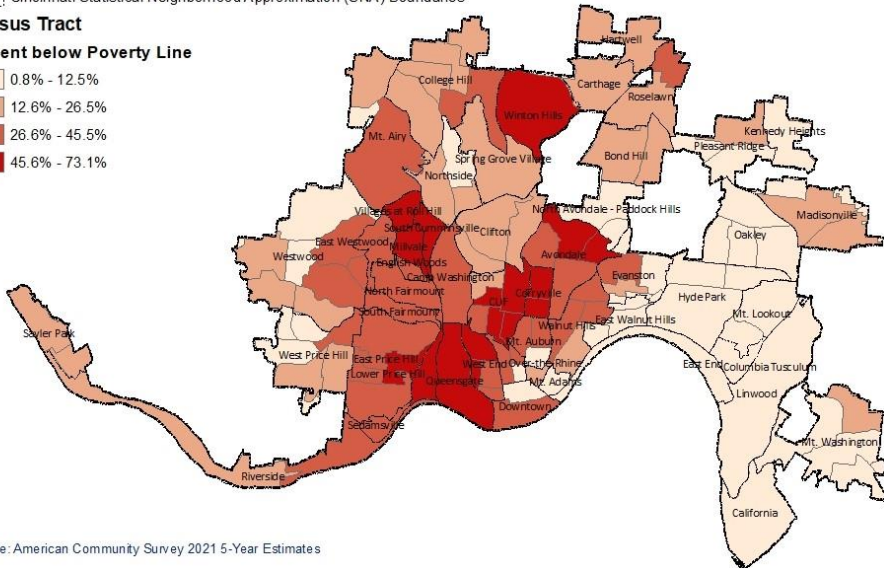
Legend

- Cincinnati City Boundary
- Cincinnati Statistical Neighborhood Approximation (SNA) Boundaries

Census Tract

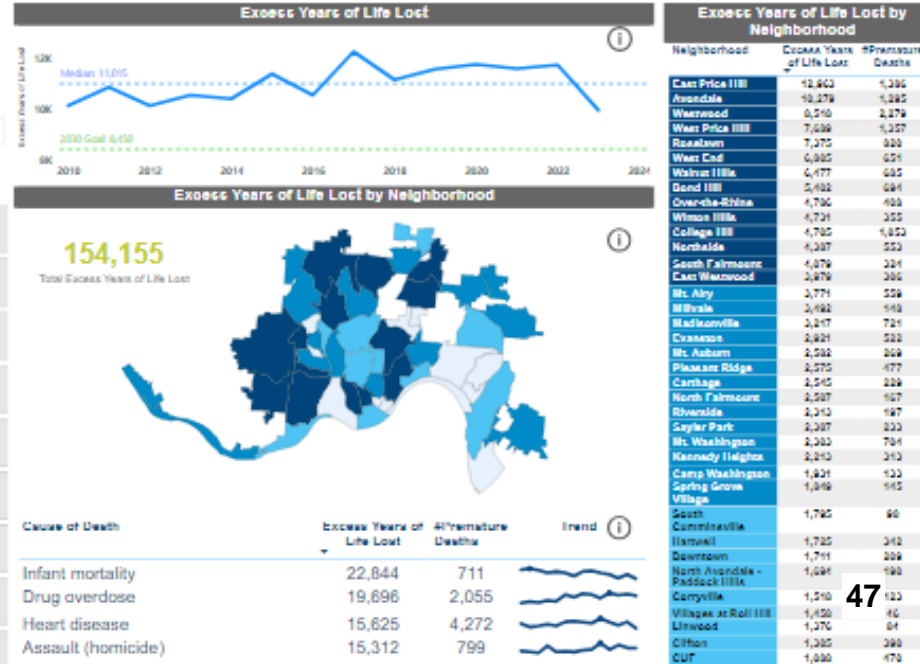
Percent below Poverty Line

- 0.8% - 12.5%
- 12.6% - 26.5%
- 26.6% - 45.5%
- 45.6% - 73.1%



Source: American Community Survey 2021 5-Year Estimates

Premature Death in Cincinnati Neighborhoods 2010-2023



Cincinnati has an abnormally high difference in life expectancy between neighborhoods

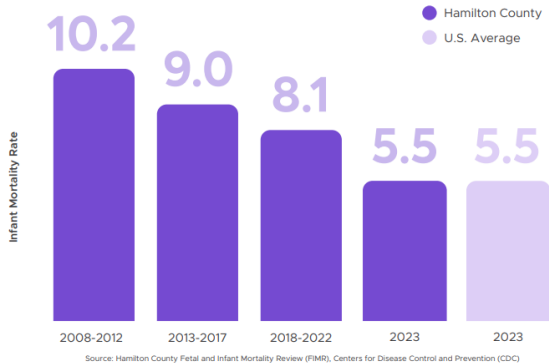
- Cincinnati has had a 25-year life expectancy difference between neighborhoods since at least 2009
 - Cincinnati is 16th worst out of the 500 largest cities in the United States
 - Columbus has a gap of 10 years, Cleveland has a gap of 14 years (99th worst)
- The facts that other cities have much lower gaps, and there is so much variation between neighborhoods, suggests that many of these deaths are preventable
- 50% of life expectancy disparity in Cincinnati is due to Opioid overdose, infant mortality, homicide, and heart disease
- Addressing health disparities in those four diseases would halve our life expectancy gap.

Vision: Imagine a Cincinnati after a 50% reduction in life expectancy disparities

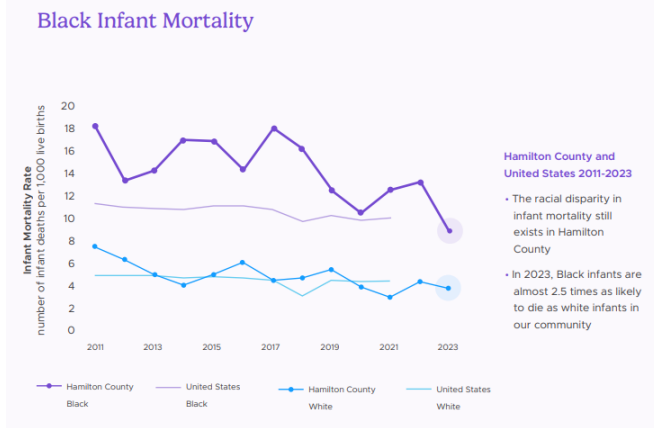
- 6,000 years of life returned to our most vulnerable neighborhoods every year
 - More social support and social cohesion
 - Lowering the stress of disease burden, healthcare costs
 - Economic vitality – a more productive Cincinnati
 - Healthier future generations
 - A more just, equitable, and prosperous society for all residents
- Incremental improvement to start a snowball effect
 - Chain reaction of positive changes
 - Build momentum over time
 - Leading to broader improvements in health and well-being
- Every citizen benefits, not just some neighborhoods
 - Personally important to me as a citizen, a father, a physician, and a health commissioner

Addressing health disparities driven by SDoH is hard ... but not impossible

Overall infant mortality has improved ...



The gap in mortality between black and white babies persists but is shrinking



CRADLE Cincinnati, a CHD partner, has reduced infant mortality from twice the national average to below the national average, by addressing SDoH in a rigorous, sustained fashion

* United States Infant Mortality Average 5.5 (2023)
6 Hamilton County Maternal and Infant Health Report

Top 4 causes of life expectancy disparity in Cincinnati, and Stakeholder Coalitions addressing them

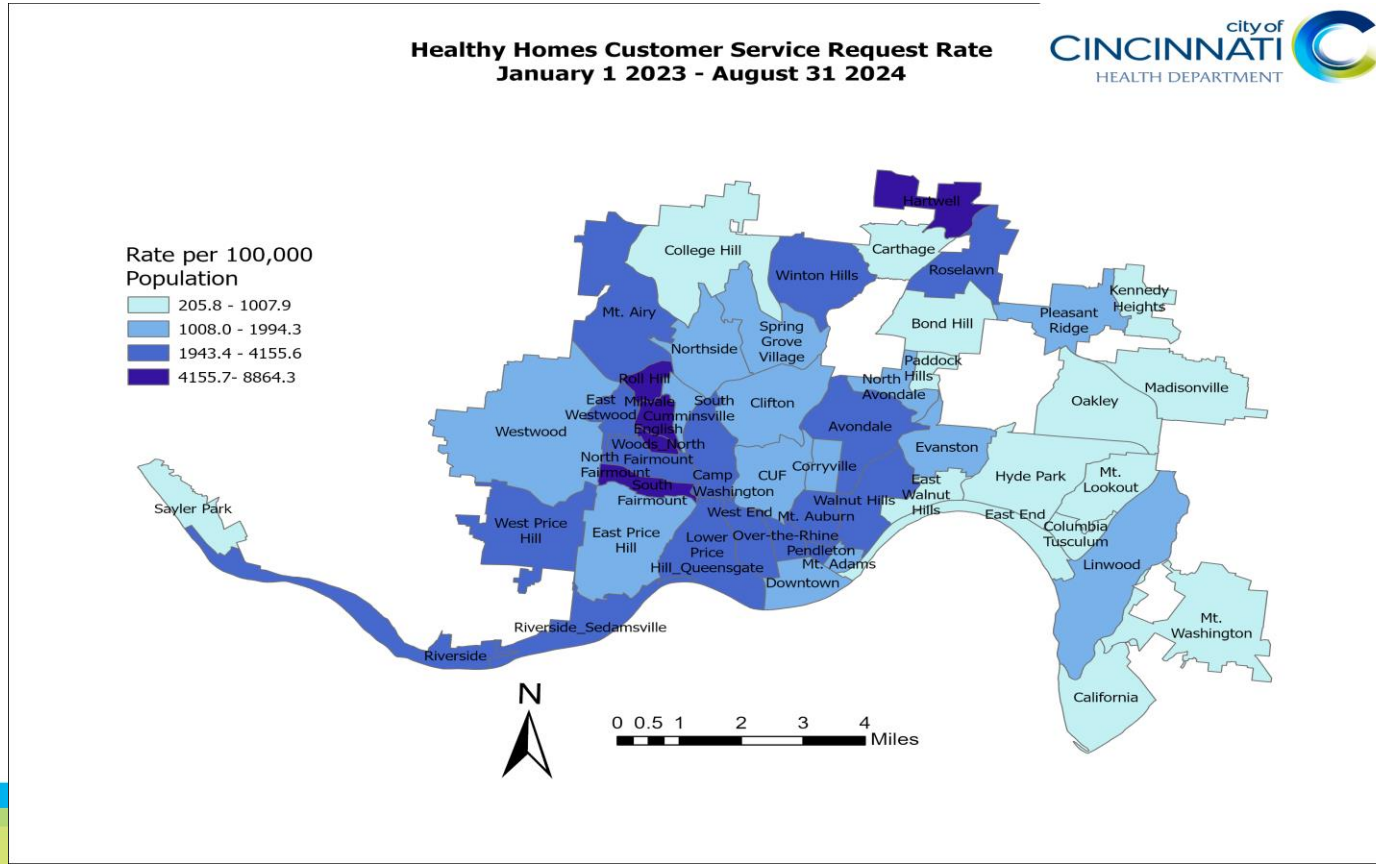
- Opioid Overdose -> Hamilton County Addiction Response Coalition*
- Infant Mortality -> CRADLE Cincinnati
- Violence Prevention -> City of Cincinnati
- Cardiovascular disease -> Future Work?

* The City of Cincinnati is an active coalition member!

CHD programs: Highlight on SDoH

- Environmental Health
 - Health Homes
 - CLEAR program (collaboration with Cincinnati Children's)
 - Lead Poisoning Prevention
- Healthy Communities
 - Cribs for Kids
 - Substance use disorders
 - Tobacco Licensure
- Community Nursing
 - Healthy pregnancies
 - School Health
- Primary Care Centers

Program Spotlight: Healthy Homes



Healthy Homes



- Defective plumbing, mold, and no heat
- Unsanitary living, insects, and rodents
- School and hotels
- Smoking complaints

Program Spotlight: Childhood Lead Poisoning Prevention

Primary prevention/counseling for children with blood lead levels 5-9 ug/dL (since 2007):

- Voluntary interviews and nurse counseling for families of children with lead levels 5-9 $\mu\text{g}/\text{dL}$

Investigation:

- Interviews to determine potential sources of lead exposure for children with blood lead levels $\geq 10 \mu\text{g}/\text{dL}$

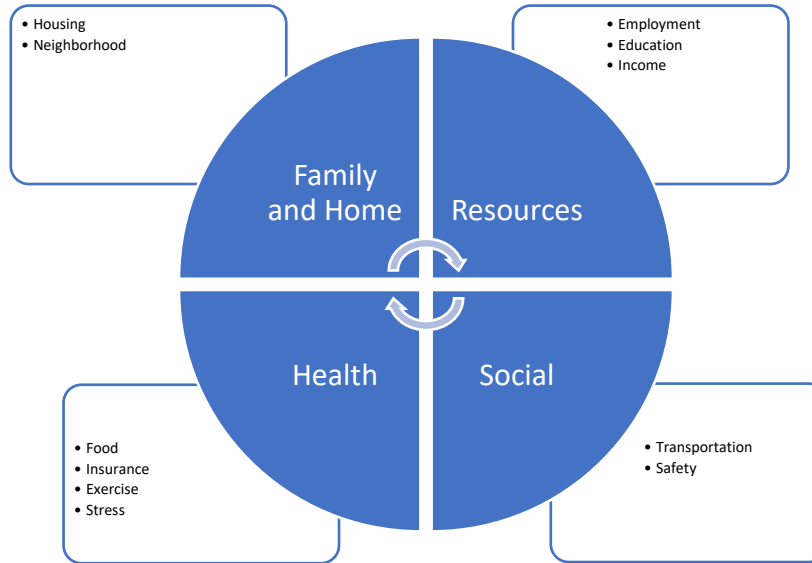
Environmental Risk Assessment and Enforcement:

- Lead risk assessors conduct home assessment to determine the source of lead/ lead poisoning, test paint chips, soil, dust and children's toys

City of Cincinnati Primary Care

Social Determinants of Health (SDOH)

Patients are screened using the Protocol for Responding to and Assessing Patients Assets, Risks, and Experiences (PRAPARE).

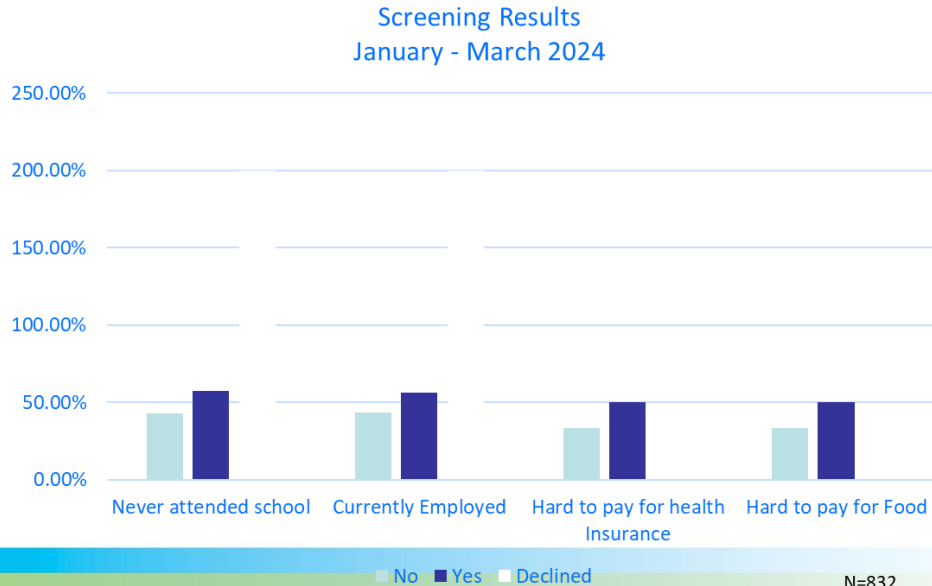


City of Cincinnati Primary Care

Social Determinants of Health (SDOH)

SDOH screening is completed

- On every new patient
- At each visit if patient has a positive SDOH score
- Yearly if patient has no concerns



Takeaways

- Cincinnati is challenged by many health disparities that are difficult but not impossible to address with the help of our community members, leaders, and stakeholder organizations
- The Cincinnati Health Department is deeply committed to addressing health disparities with an approach strongly informed by Social Determinants of Health
- We partner with organizations across our community at many different levels, as a community leader, data provider, and provider of many services

Thank you!

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