

harm reduction

WAKE

train . supply . reduce . thrive

MARCH SUMMIT PRESENTATION AND MEETING NOTES

A video thumbnail for the HRVM Summit. In the background, four people (three women and one man) are standing and looking at a whiteboard in a meeting room. The whiteboard has some faint writing on it. In the foreground, there is a table with several colorful building blocks (green, blue, red, purple, pink) scattered on it. A large yellow arrow points from the bottom right towards the center of the image. The text 'HRVM SUMMIT' is overlaid in the center in a large, white, serif font.

HRVM SUMMIT

VIDEO REVIEW



Nick Maniaci, MBA

Public Health Specialist Coordinator

Southwest Suburban Health Department | City
of West Allis

HRVM SPOTLIGHTS

Southwest Suburban Health Department

7120 W. National Ave., West Allis

Located outside
Available 24/7



Community Medical Services

2814 S. 108th St., West Allis

Located outside
Available 24/7



Greenfield Fire Station #92

4333 S. 92nd St., Greenfield

Located outside
Available 24/7



Hayat Pharmacy

4931 S. 27th St., Greenfield

Available Monday -
Friday: 9 a.m.-5 p.m.



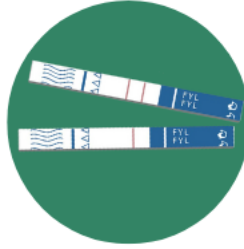
2024 Distribution



Narcan
3,731 Boxes



FTS
3,993



**FTS/Xylazine
Test Strips**
656



**COVID-19
Test Kits**
1,895



**Drug Disposal
Bags**
878



**Medication
Lock Bags**
244



Hygiene Kits
367



Socks
363 pairs



Blankets
190



Gun Locks
565



Condoms
3,950

Vinyl Wrap





Thank you!

Contact Information

Nick Maniaci

Public Health Specialist Coordinator (West Allis)

Email: nmaniaci@swshdwi.gov

Phone: 414-302-8606

Check out our website!



www.swshdwi.gov/gethelp



Post Summit Requests:

- Milwaukee county should share a list of product providers with all HRVM hosts.
- Share the Summit contact list with attendees for individualized coordination.
- Provide information about wrapping the Vending Machines.

Data:

- All HRVM hosts should add a QR Code for Data Collection to their machines and websites. That data should be shared to ensure county wide coordination.
- Each agency should share Harm reduction supply dissemination data with the county to aggregate and publicize on the Harmreductionmke.org webpage.

HRVM Supplies

- Create a list of items in the machines. Share that list with host agencies and on the website.
- Promote programs and services alongside the HRVM such as the VA Program having syringes and Gun locks.

Problems to solve

- Determine how can we sustain the cost of HRVMs despite funding trends
- Create unified messaging around the perception of harm reduction and advocate for more resources/policies
- Apply the IAP2 Public Participation Spectrum applied to HRVM (How far up the spectrum are we and what we can do to change this work?)

PRESENTATION NOTES

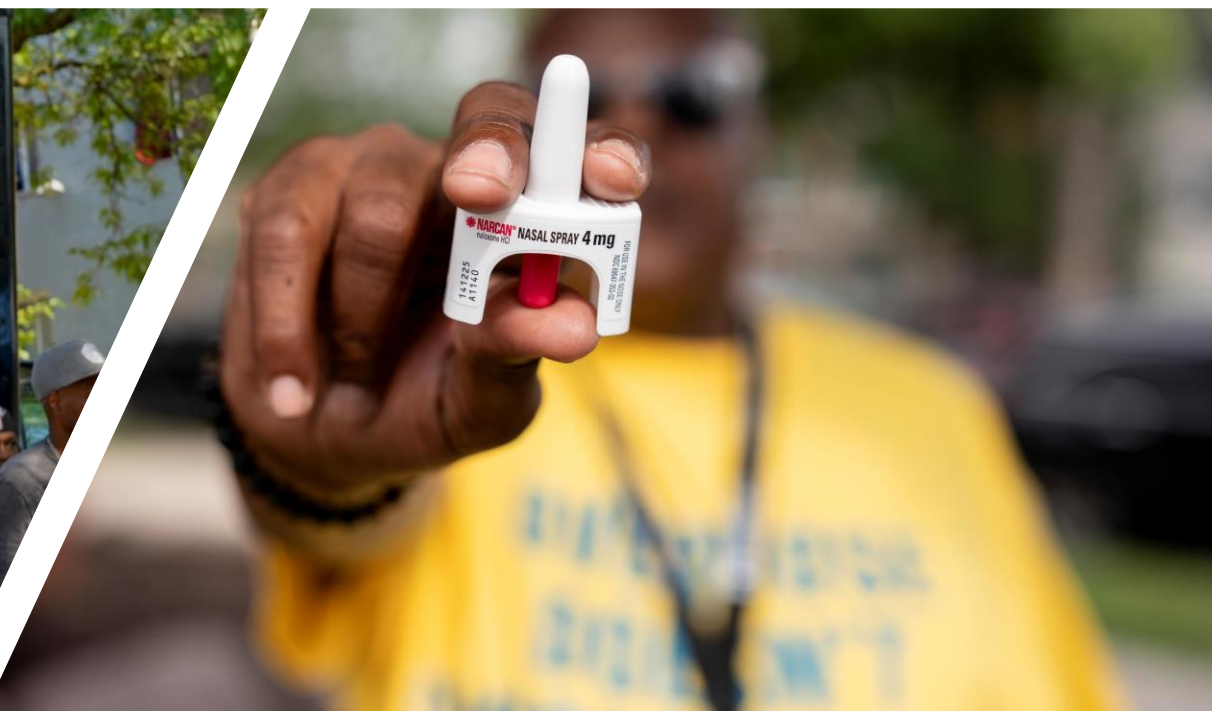


Ricky Person

Opioid Prevention Coordinator

Milwaukee County DHHS Aging & Disabilities
Services

HRVM SPOTLIGHTS



OVERDOSES BY MUNICIPALITY

Individuals 50+ Years Old, 2023

Milwaukee: 294

West Allis: 22

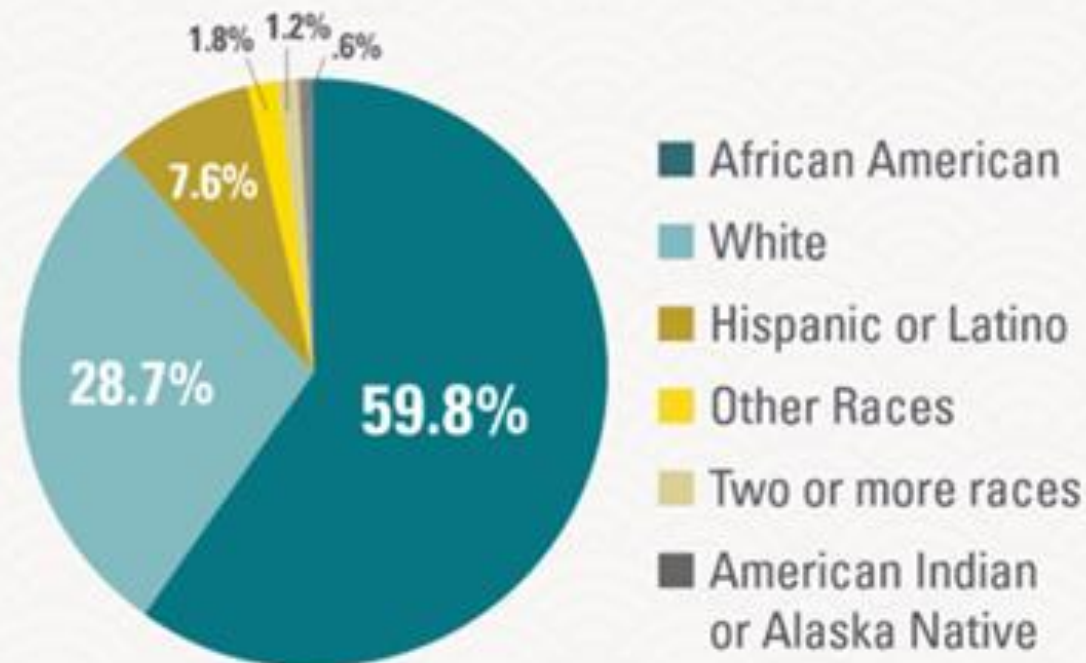
Oak Creek: 4

West Milwaukee: 3

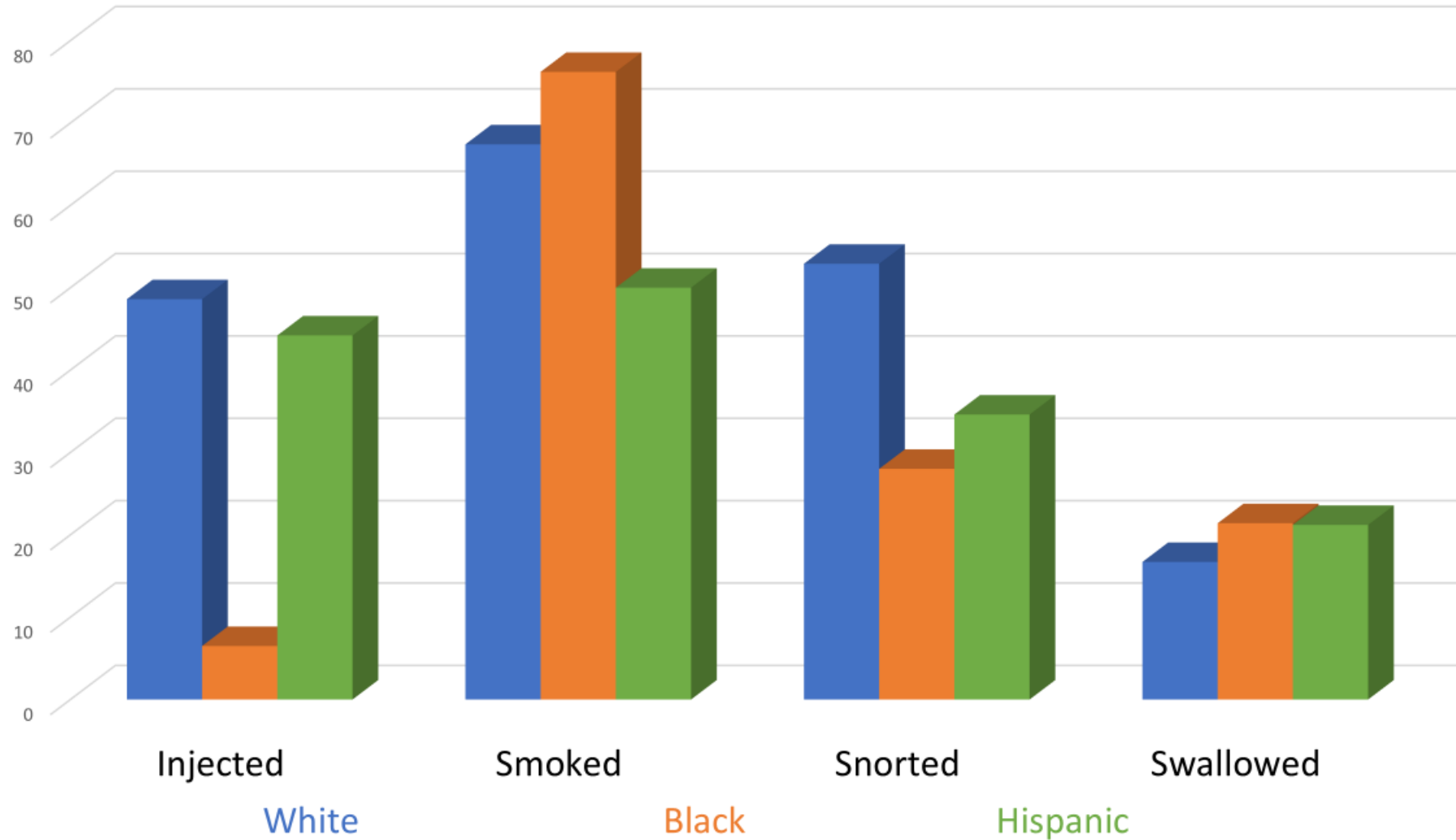
South Milwaukee: 3

All Other: 2 or fewer

OVERDOSES BY RACE/ETHNICITY



Method of Use by Race/Ethnicity



OUTREACH AND EDUCATION IN IDENTIFIED HIGH RISK AREAS

Data shows that 27th Street, from Silver Spring Drive to Greenfield Ave, has been identified as a high-risk area for opioid overdose. Our goal is to educate the community, develop partnerships, and reduce overdose deaths in Milwaukee County by focusing our efforts on underserved areas. Stimulant users are overdosing on fentanyl daily. We need to raise awareness about the seriousness of substance misuse and its impact on our communities.

IDEAL APPROACH

In an effort to reduce overdoses/deaths in Milwaukee County, we will be implementing the IDEAL approach:

- Identifying high risk areas
- Developing community partnerships
- Educating about harm reduction services
- Assessing/referring to services
- Linking to Peer Support and SUD treatment services

Suggestions:

- Create stickers and postcards of QR Code for treatment services and screening tools and place them on the machines and give them out to community members.

Community Engagement

- Convene HRVM Host to target Hot spot Areas with street outreach
- Utilize the MKE County App for tech based referrals. Share the app with HRVM hosts to set up a profile.
- Determine if residents are over using Methadone Clinics and how that can impact harm reduction and recovery efforts.
- Are we taking them from one primary substance of use to another? What is the long-term goal for administering MAT? Why are individuals not being titrated down on MAT.

PRESENTATION NOTES



Samantha Jackson

GIS Coordinator

Office of Emergency Management

DATA PLANNING

The map displays the Port of Los Angeles and Long Beach area, highlighting various facilities and locations. Key locations include:

- 200 Broadway Building**
- Beck's Center (Under Progress)**
- Community Activities**
- City & Harbor**
- Dr. Martin Luther King Jr. Community Center**
- East Area**
- East Area Health Center**
- East Area Community Association (EACA)**
- Employment Services**
- Long Beach County Police - Navy**
- Long Beach Harbor**
- Port of Long Beach**

Greenfield Health Department
Greenfield Fire Station 50
Greenfield Police Department

Merrimack County Community Reintegration Center

One Creek Fire Department

A detailed map of the Vin River Recovery area. The map shows a network of roads, including major highways like I-75 and I-85. Green areas represent parks and wildlife refuges, such as the Brown Oak Wildlife Refuge. Blue lines indicate water bodies, including the Vin River and Lake Lanier. Red and blue icons mark the locations of AMRI Counseling Services and Southeast Community Health Centers, respectively. The map is titled "Vin River Recovery" at the bottom.

Legend:

- AMRI Counseling Services
- Brown Oak Wildlife Refuge
- Southeast Community Health Centers

- Vin River Recovery

[illegible]

DISCUSSION INSTRUCTIONS

Based off where you know community resources, overdoses, and vulnerability are in your community, place sticky notes on the map where you think the county should put HRVMs.

Be ready to explain the benefits of where HRVMs are already placed and potential opportunities if moving them to a new location.

Discussion:

- **Hot spots** should have a vending machine in proximity to residential vulnerability, substance use rate and access to harm reduction supplies. Each machine should carry supplies that are location specific not just universal.
- **Data planning-** Partner with the Office of Emergency management to conduct data analysis for different counties.

PRESENTATION NOTES



Zac Swingen

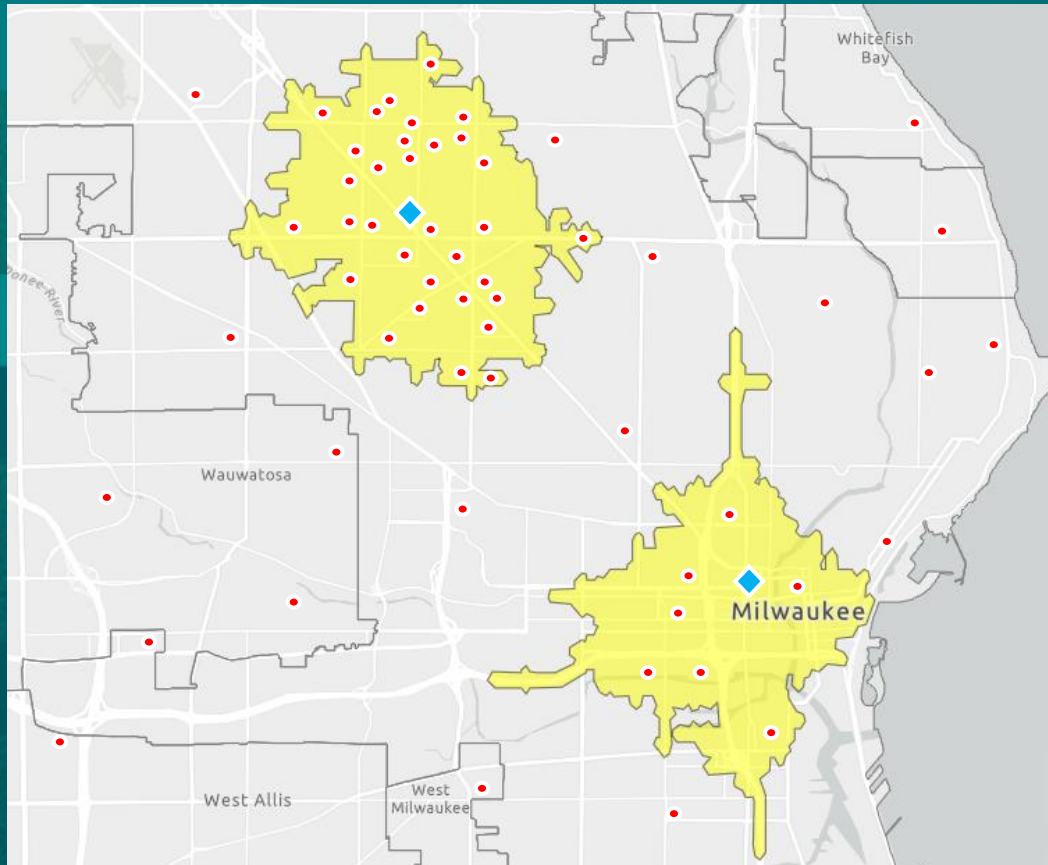
Lead GIS Analyst

Office of Emergency Management

DATA PLANNING

Striving for Saturation

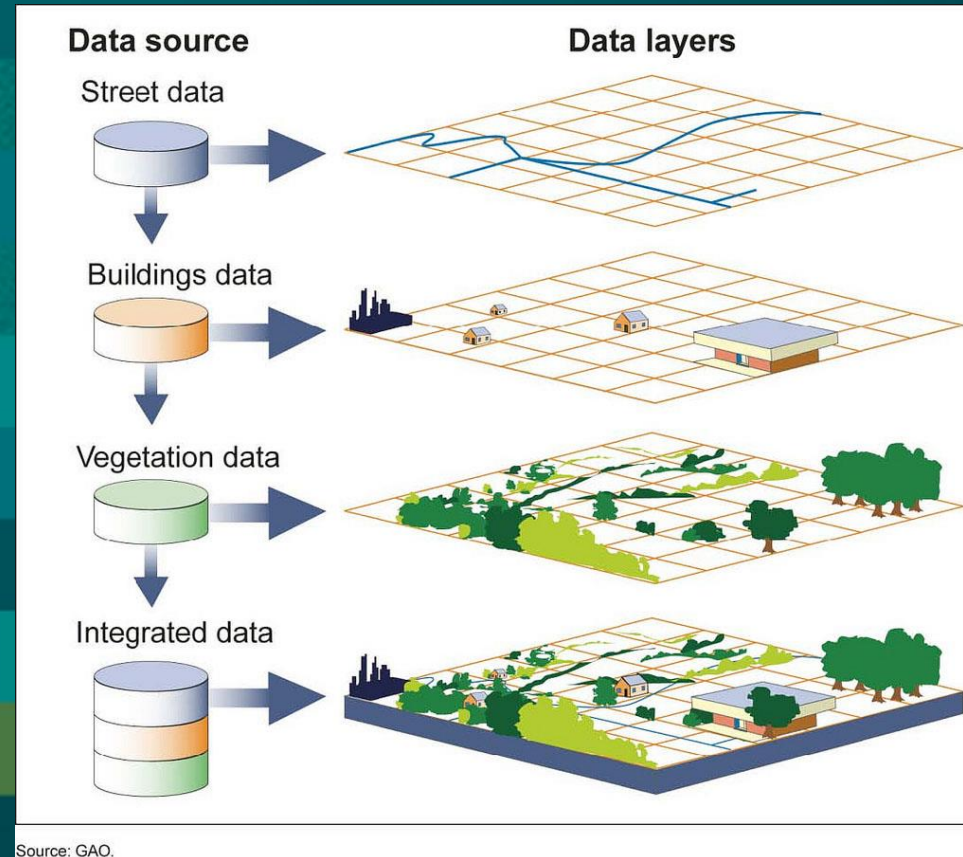
Using Data to Guide Harm Reduction Resource Placement



Geographic Information Systems

How is GIS Used?

- Choosing the right location
- Finding the best route
- Keeping track of things
- Planning for the future
- Responding to emergencies



Office of Emergency Management



Emergency
Management



Emergency
Medical
Services



9-1-1
Communications



Radio
Services



HRVM Background

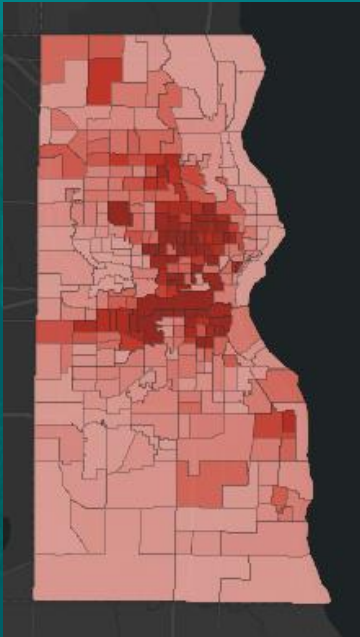
Harm Reduction Vending Machines (HRVMs) provide free access to harm reduction and prevention supplies, including:

- Fentanyl test strips
- Nasal naloxone
- Medication deactivation pouches
- Medication lock bags
- Gun locks

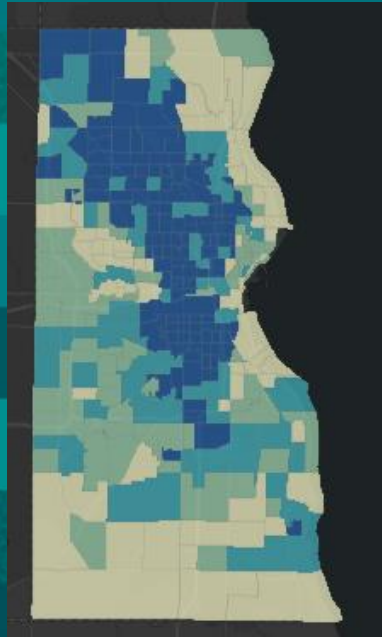


HRVM Selection 2023

Overdose Rates



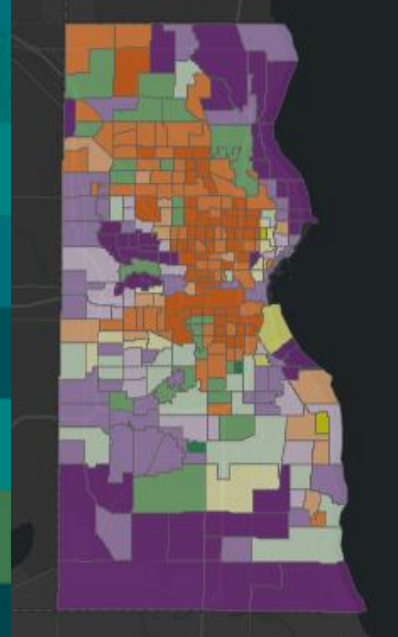
Social Vulnerability
Index Class



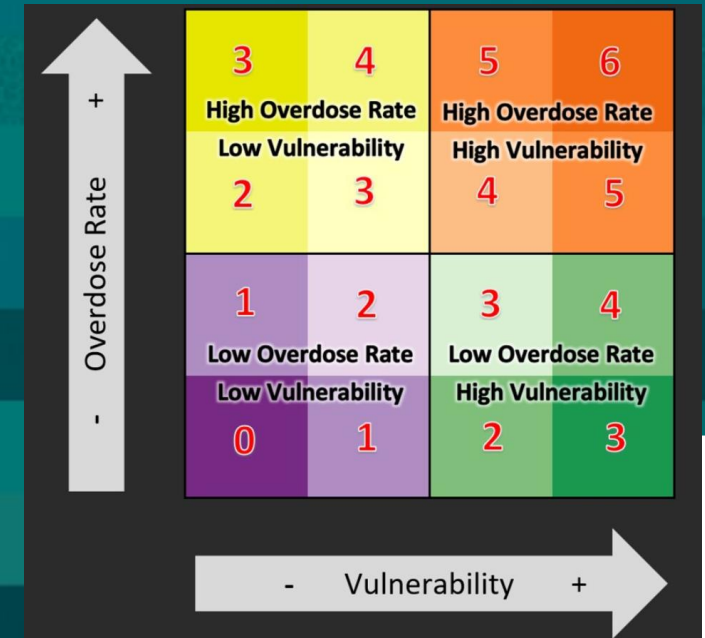
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Bivariate Map



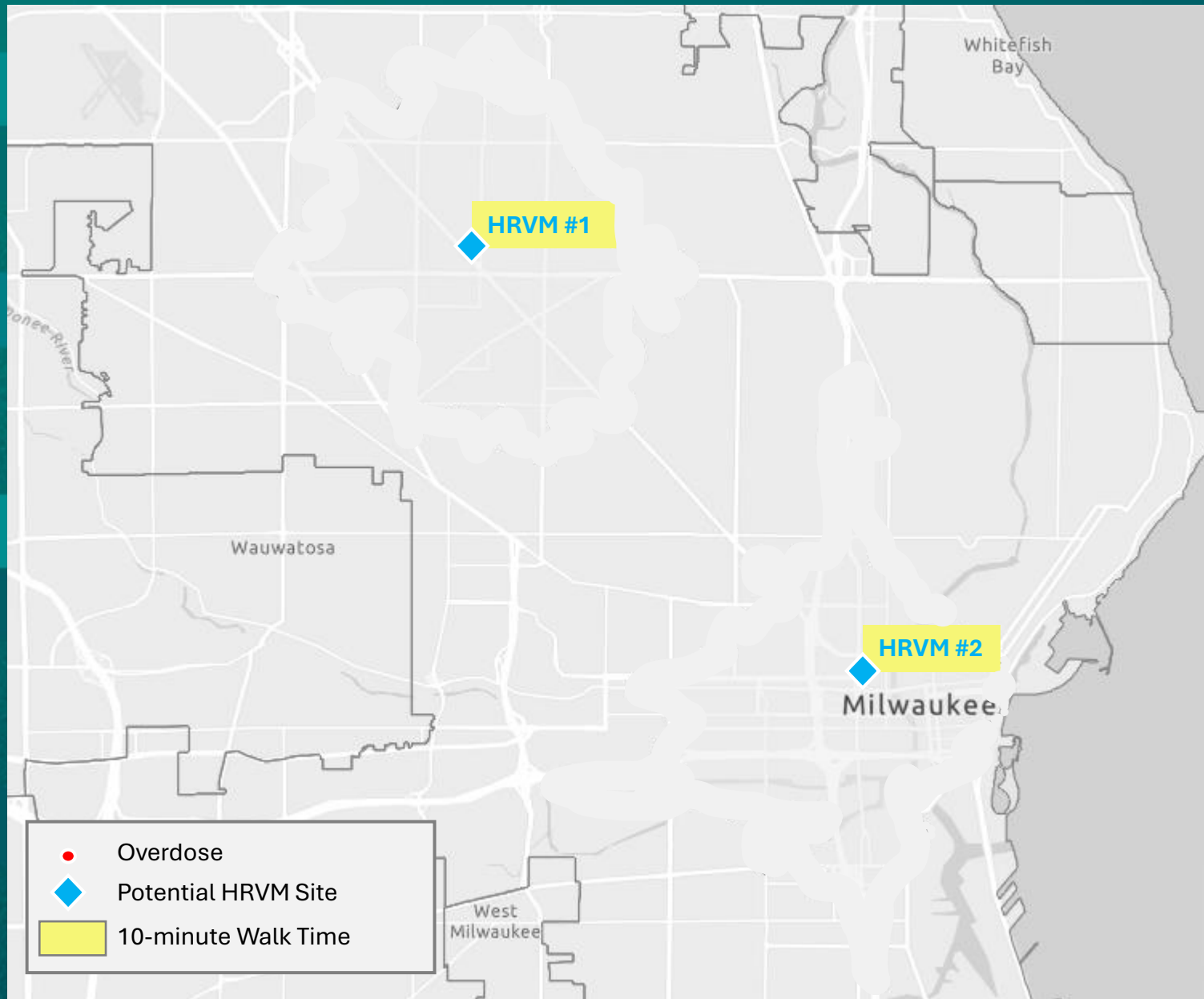
... with Fuzzy Scores

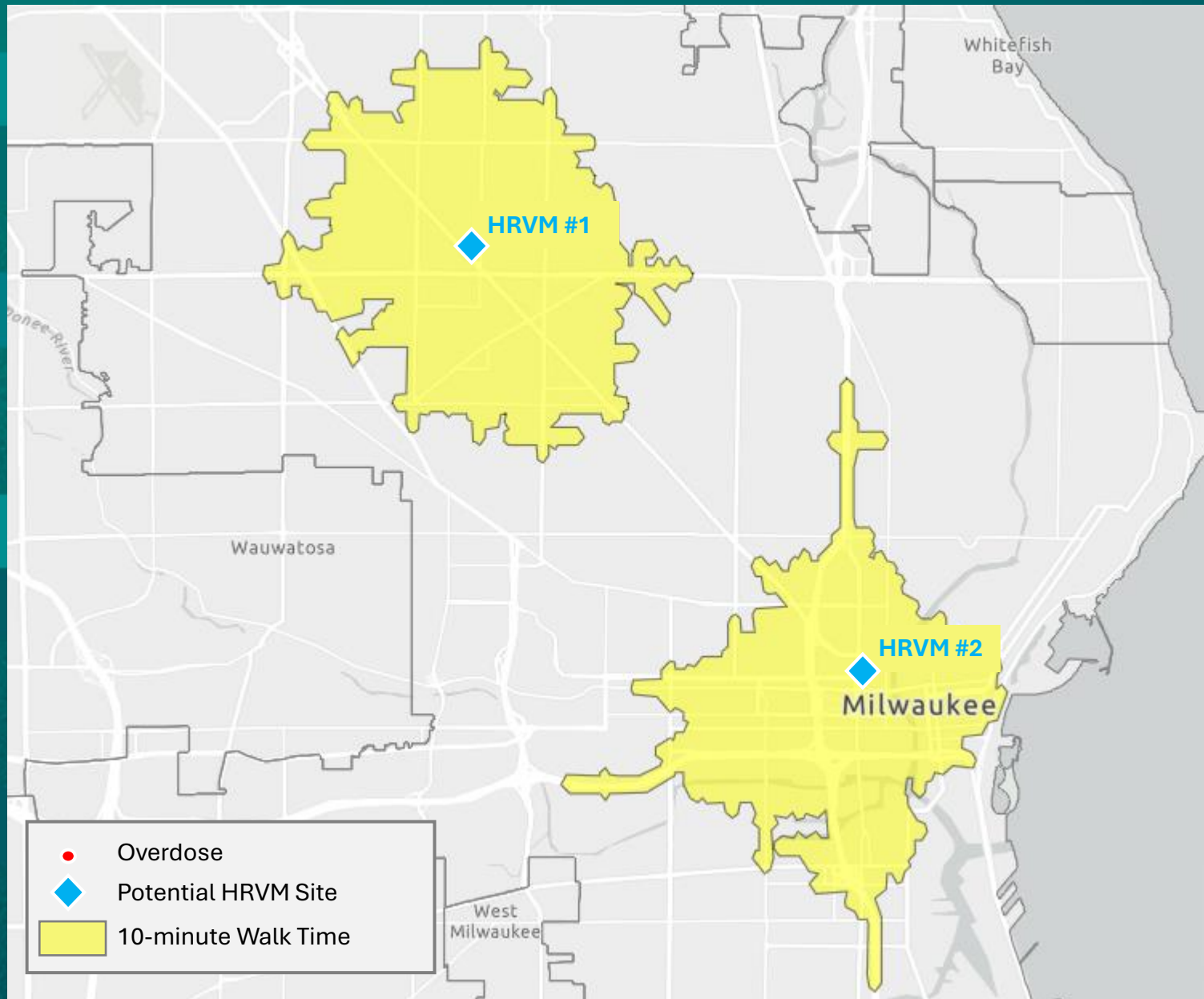


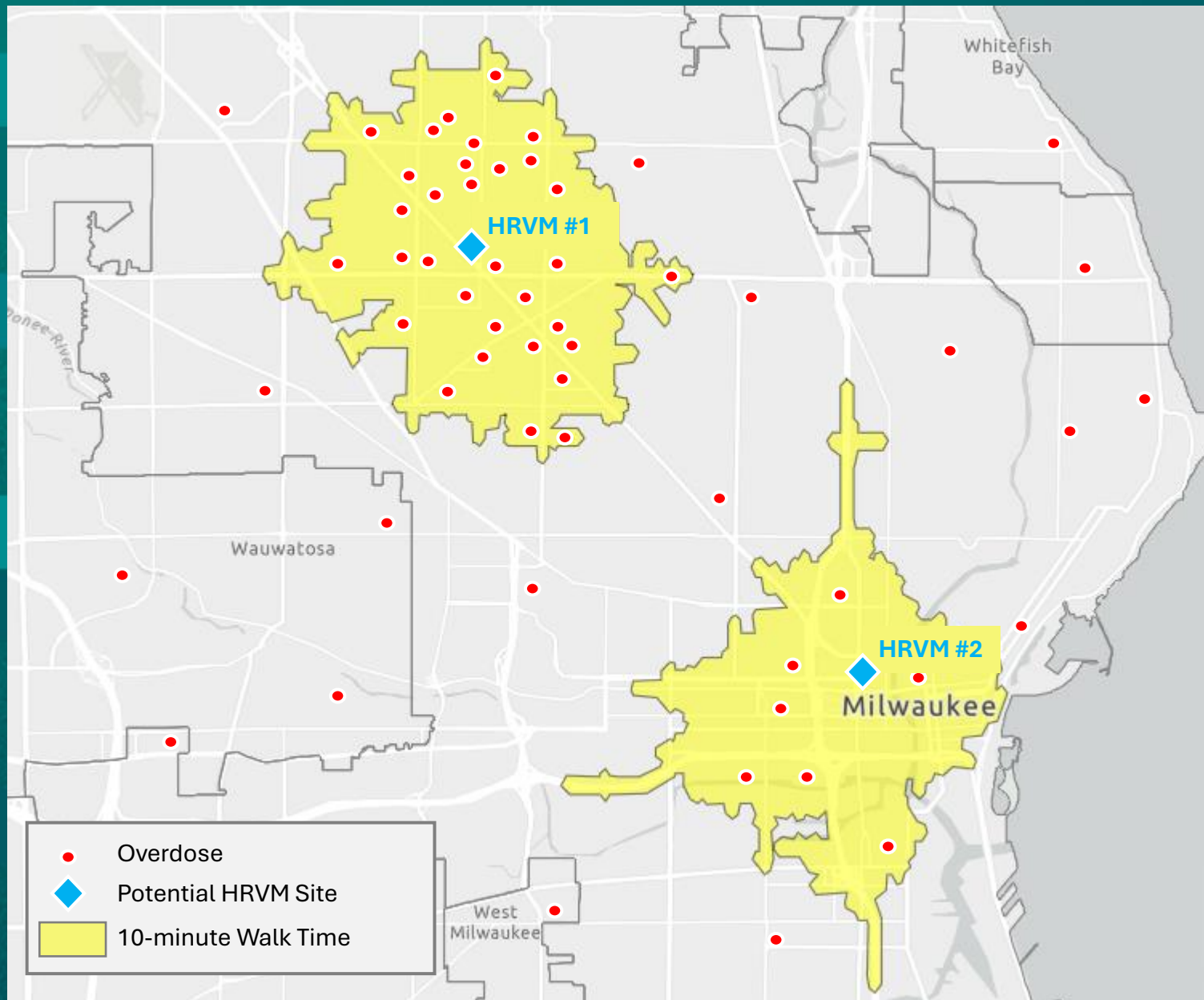
HRVM Selection 2024

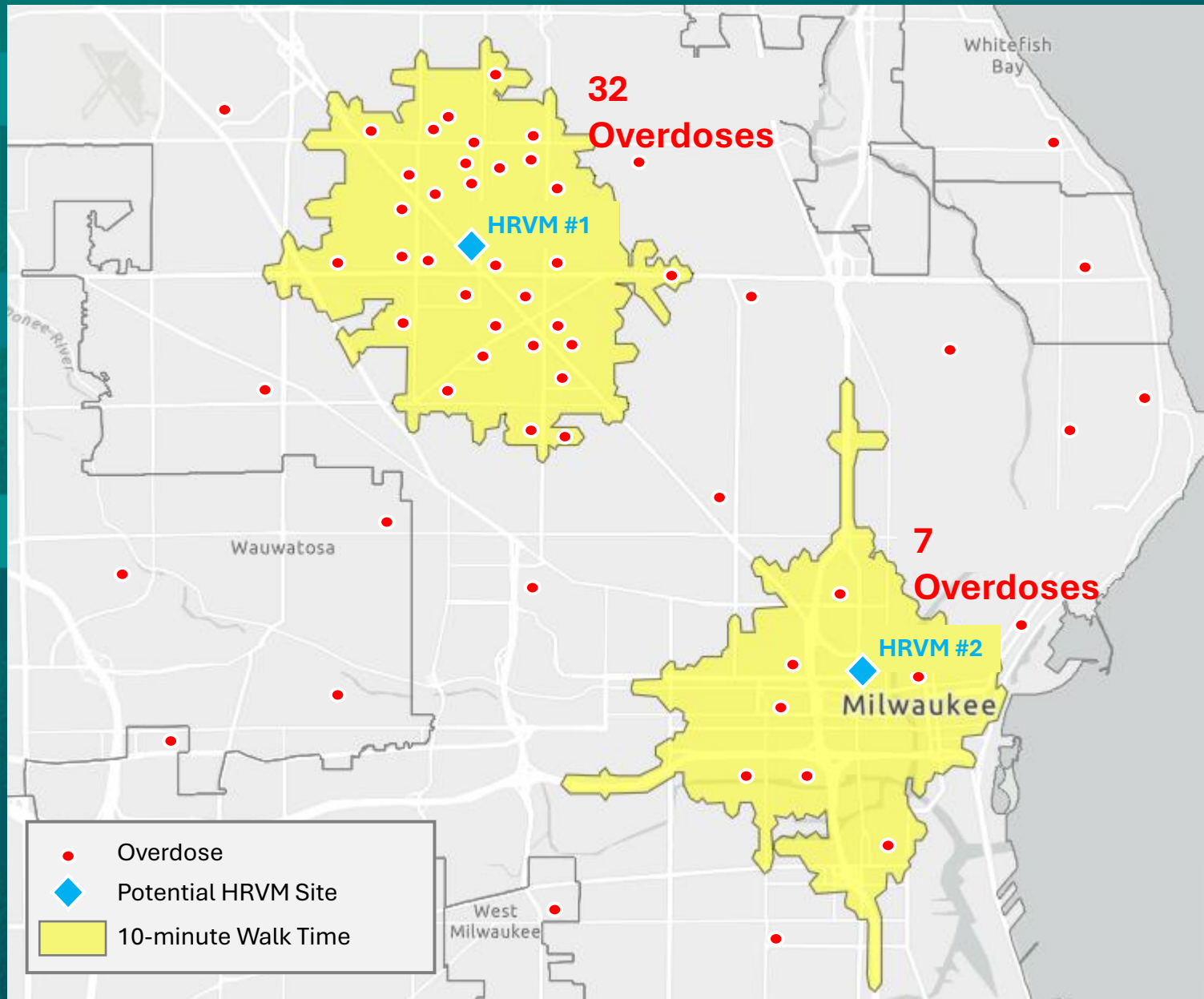
- **Saturation:** The achievement of adequate numbers of naloxone kits within a community to assure that overdose deaths do not result from a fundamental lack of access to the medication.

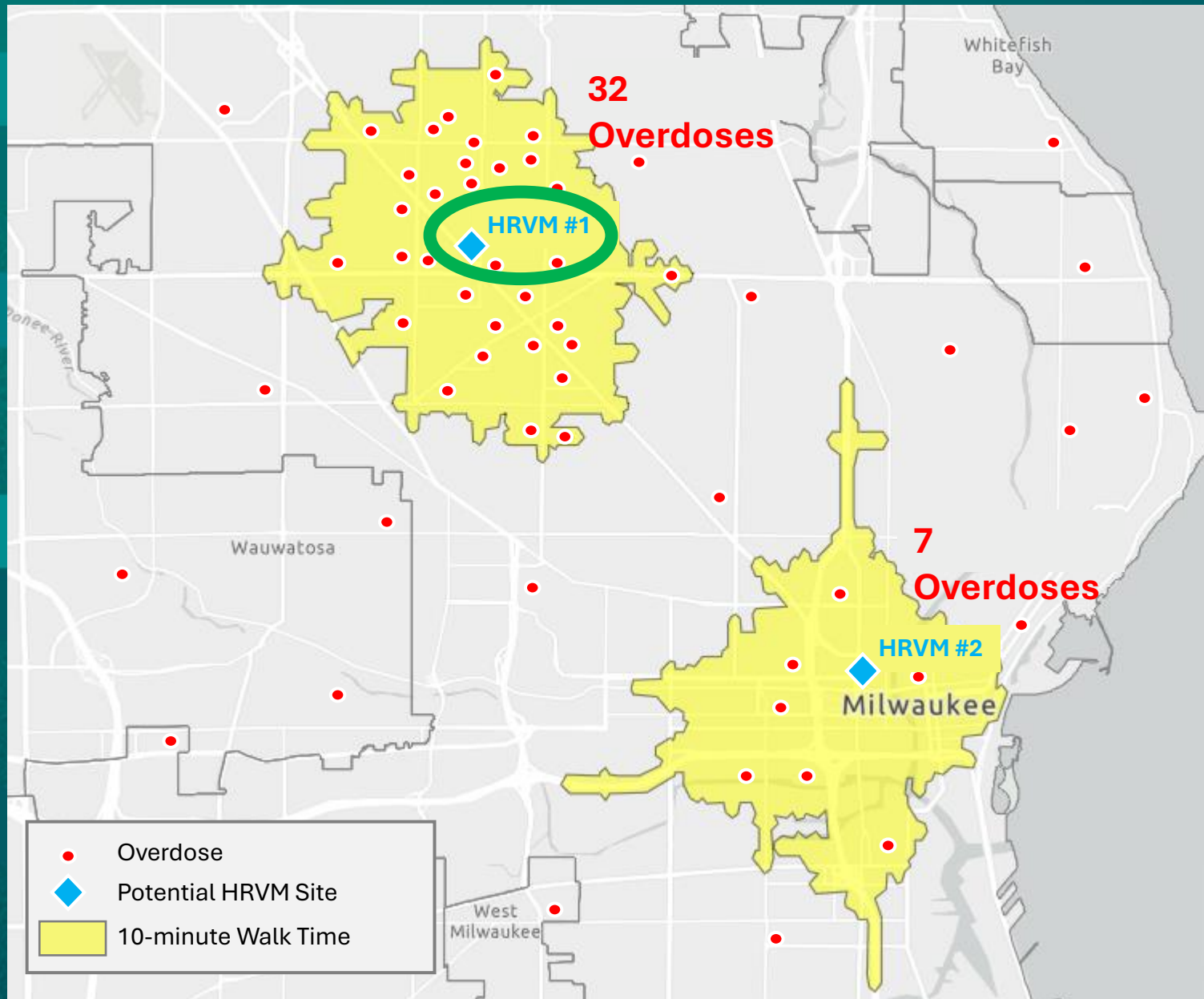










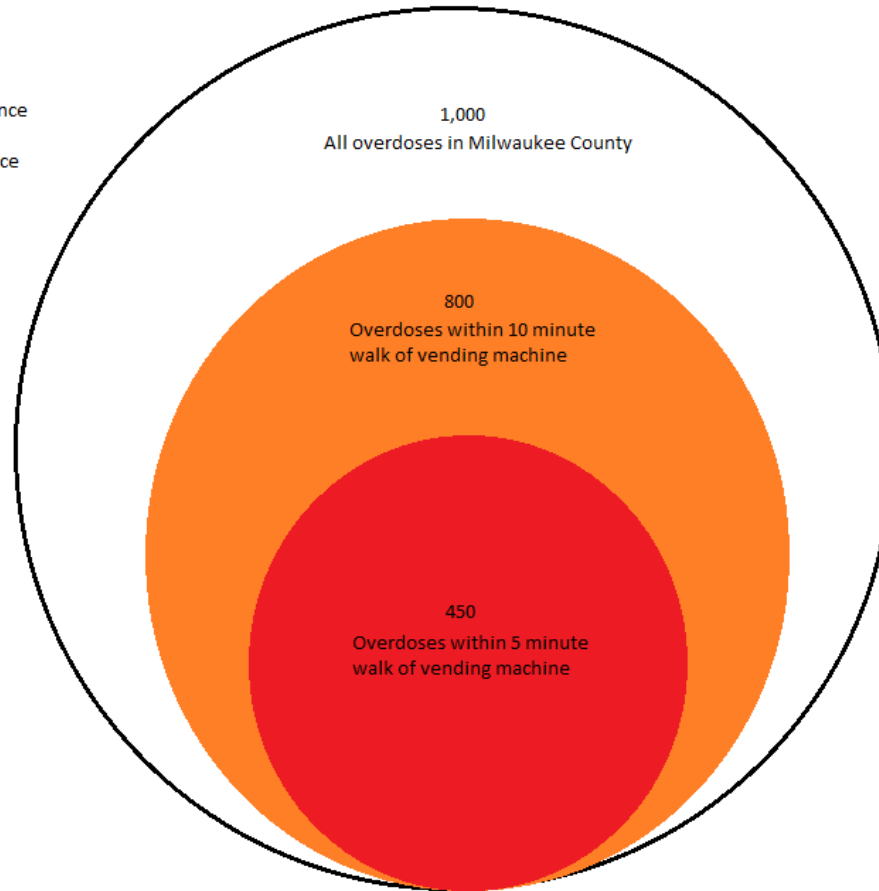
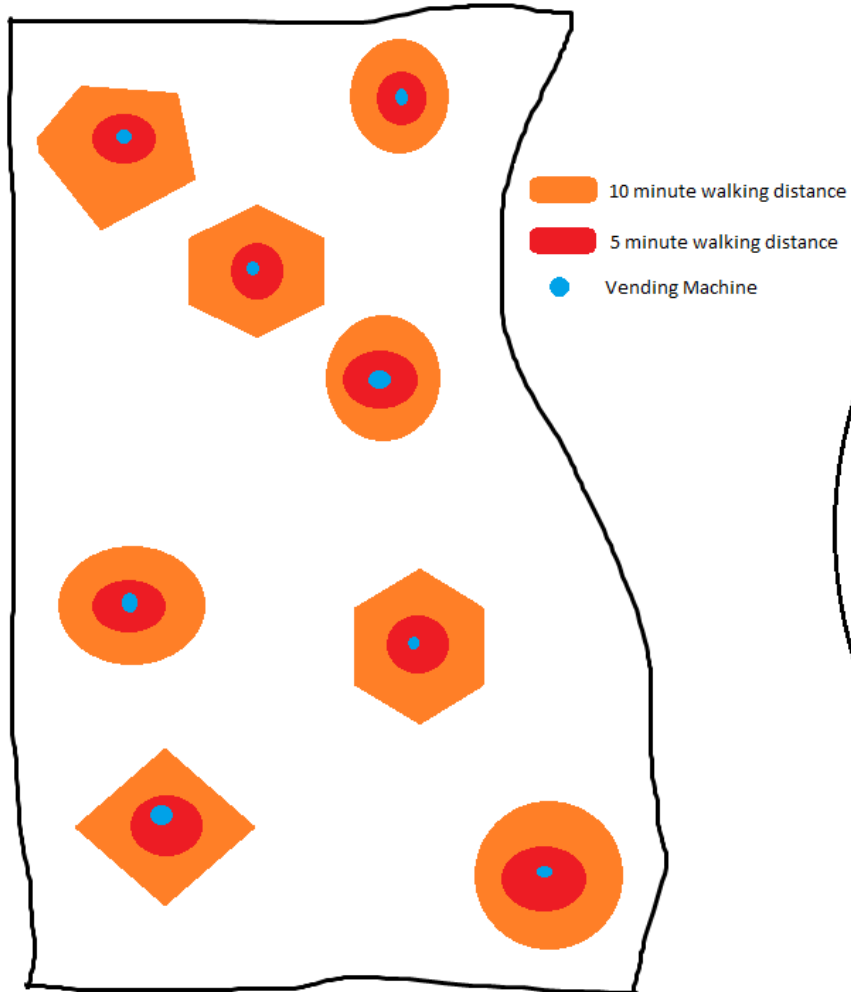


Challenges

1. Time
2. Novel Analysis
3. Location Clustering



VERY Rough Draft



Incorporating Social Vulnerability	
How many overdoses occurred for residents in High SVI tracts?	750 (75% of all overdoses)
How many of those High SVI overdoses would be covered by the 5 walking distance?	275 (36.7% of overdoses in High SVI, 27.5% of all overdoses)
How many of those High SVI overdoses would be covered by the 10 minute walking distance?	600 (80% of overdoses in High SVI, 60% of all overdoses)



Milwaukee County Harm Reduction Vending Machine Placement Map

Walkin

Driving

g

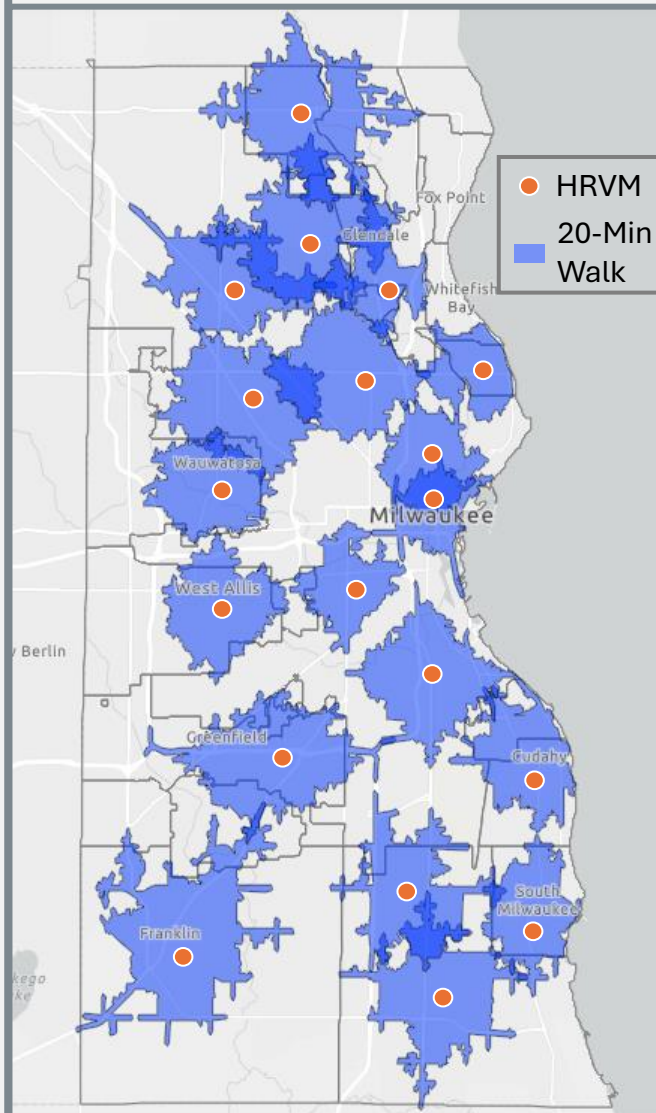
About This Project

- Key points about how overdoses impact our communities.
- Brief description of best practice prevention efforts (saturation).
- Goal of this project and brief discussion of methodology.
- Link to learn more about Milwaukee County's other initiatives, resources, etc.
- Disclaimers and Limitations: this map does not represent all overdoses occurring in Milwaukee County, only those captured by the EMS system, etc.

Notes

- Created By: MC OEM & DHHS
- Original Publish Date: 3/29/2024
- Last Updated: 3/29/2024
- Data Sources: OEM EMS database, DHHS HRVM application sites, 20-minute walk areas generated using AGOL tool (brief description of how), etc.

HRVM Locations & Coverage

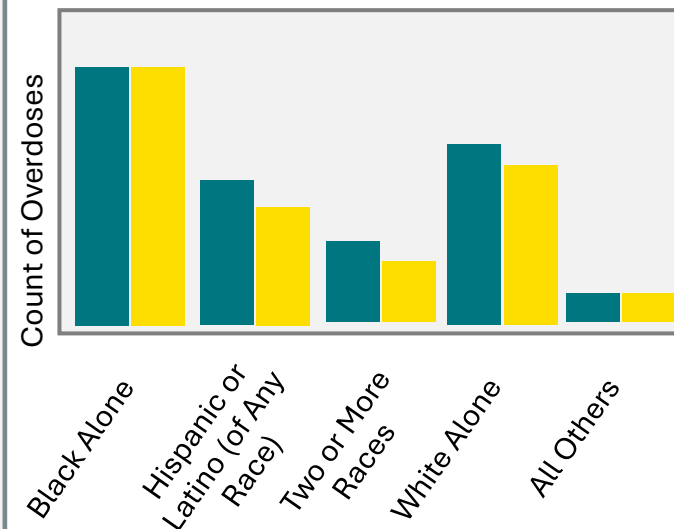


Demographics

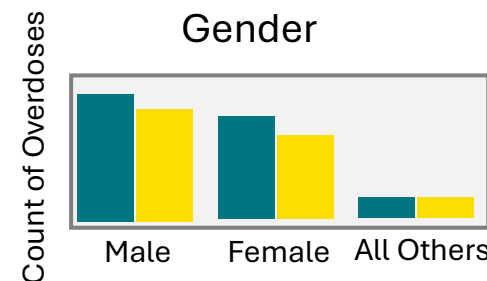
Key Takeaways

- **Race/Ethnicity:** residents identifying as Black Alone had the highest count of overdoses in 2023 at **3,500**. Under this plan, **100%** of those residents would've been within a 20-minute walk of a HRVM.
- **Gender:** residents identifying as Male had the highest count of overdoses in 2023 at **4,700**. Under this plan, **95%** of those residents would've been within a 20-minute walk of a HRVM.
- **Age:** residents aged 34-59 had the highest count of overdoses in 2023 at **2,600**. Under this plan, **90%** of those residents would've been within a 20-minute walk of a HRVM.

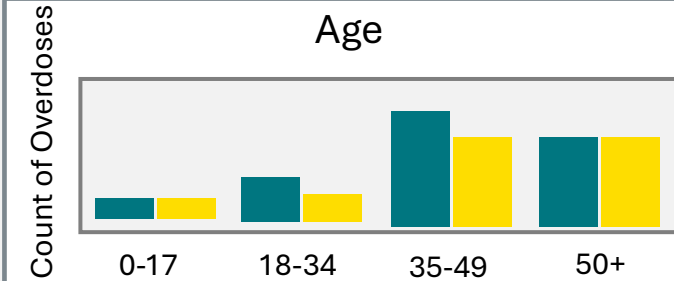
Race/Ethnicity



Gender



Age

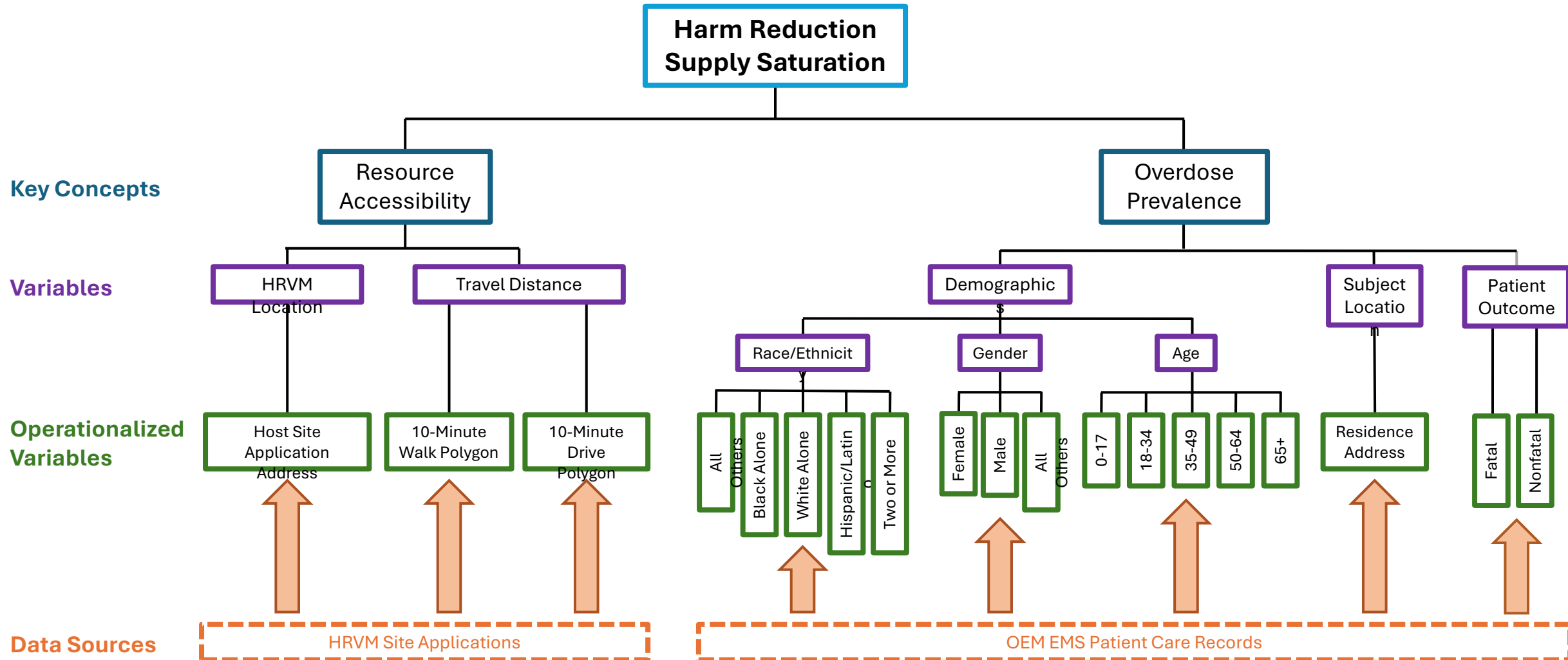


All Overdose Incidents

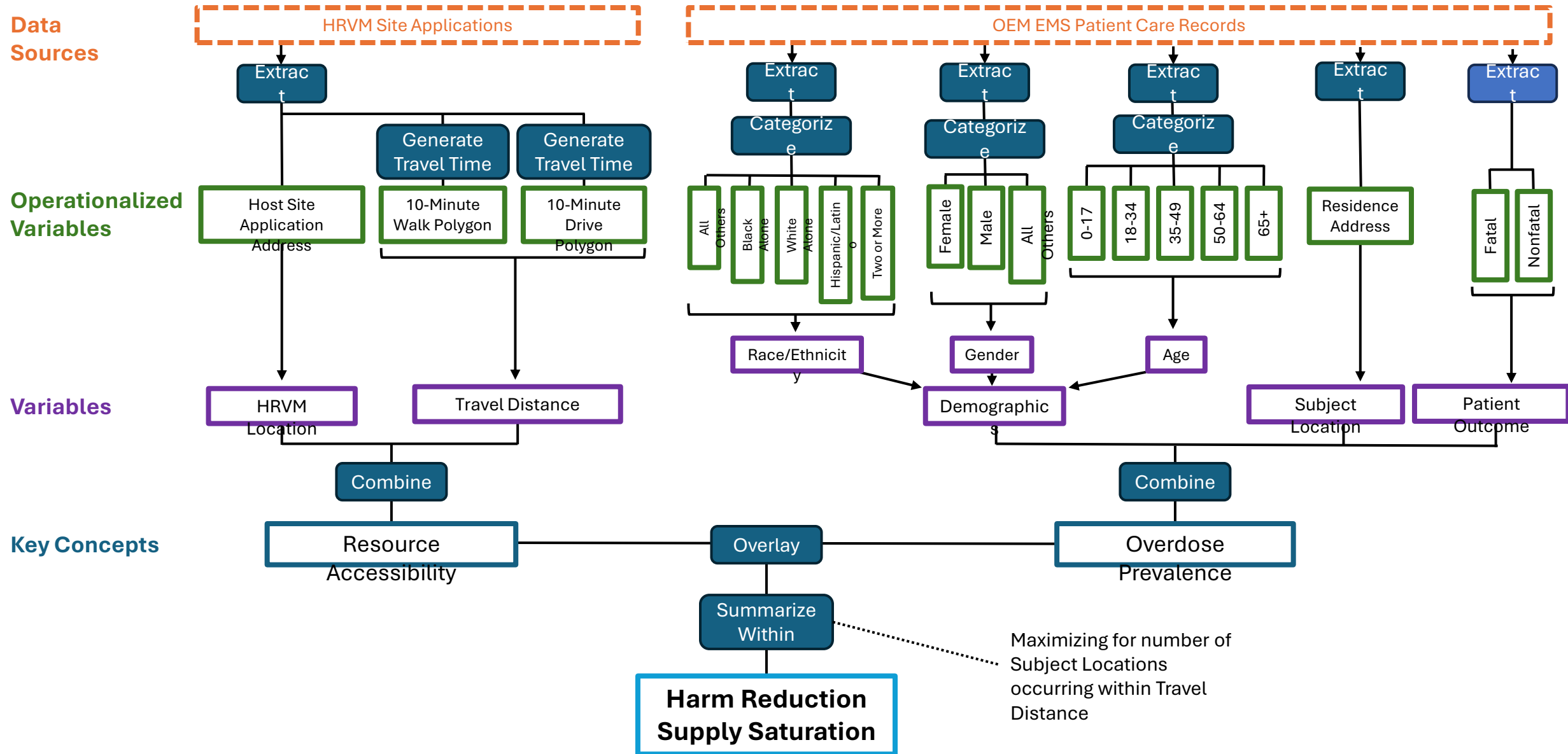
Overdose Incidents within 20-Minute Walk of HRVM

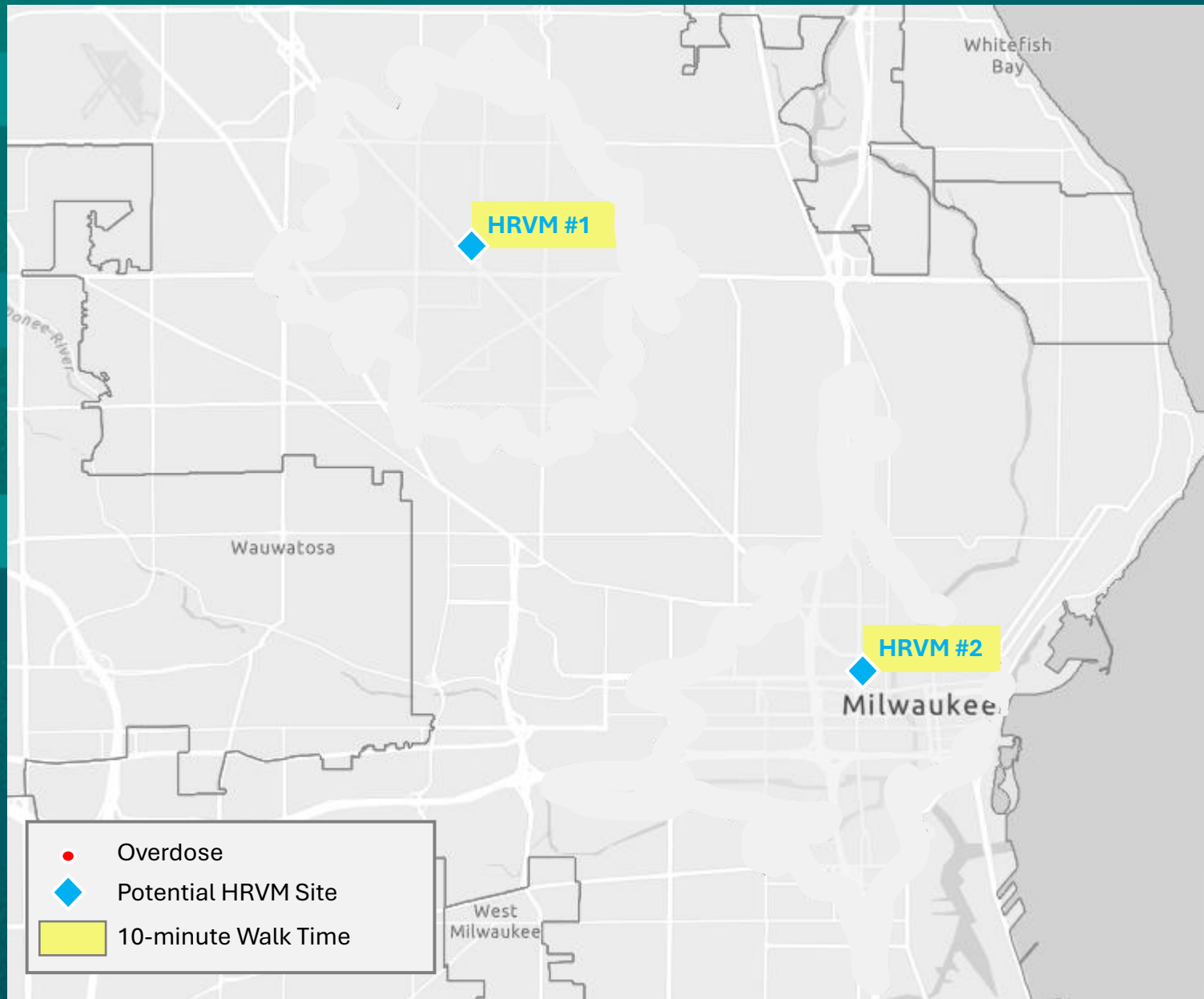
Conceptualization

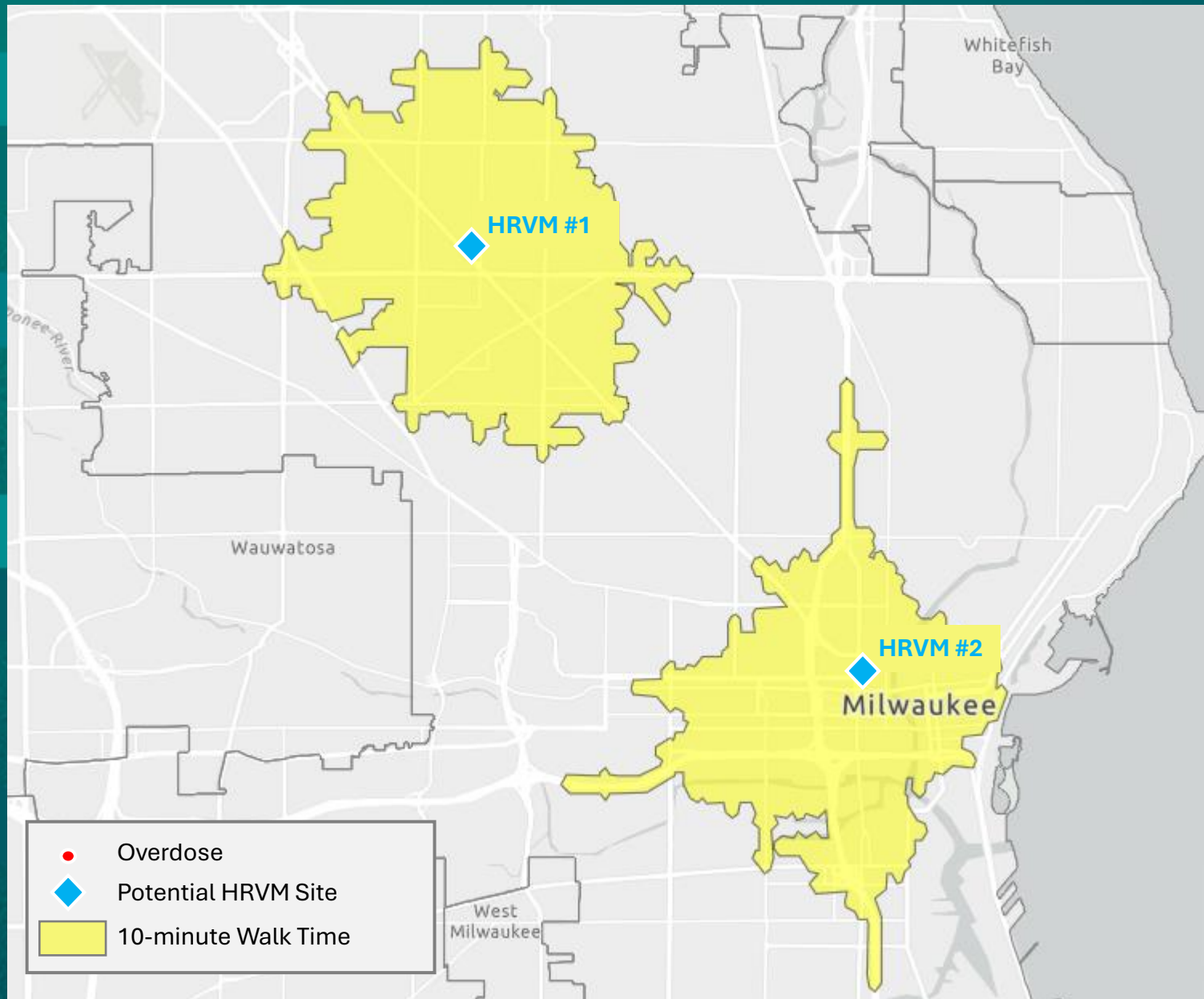
Research Question: Where can Milwaukee County place Harm Reduction Vending Machines (HRVMs) to maximize access for those who could benefit from them the most?

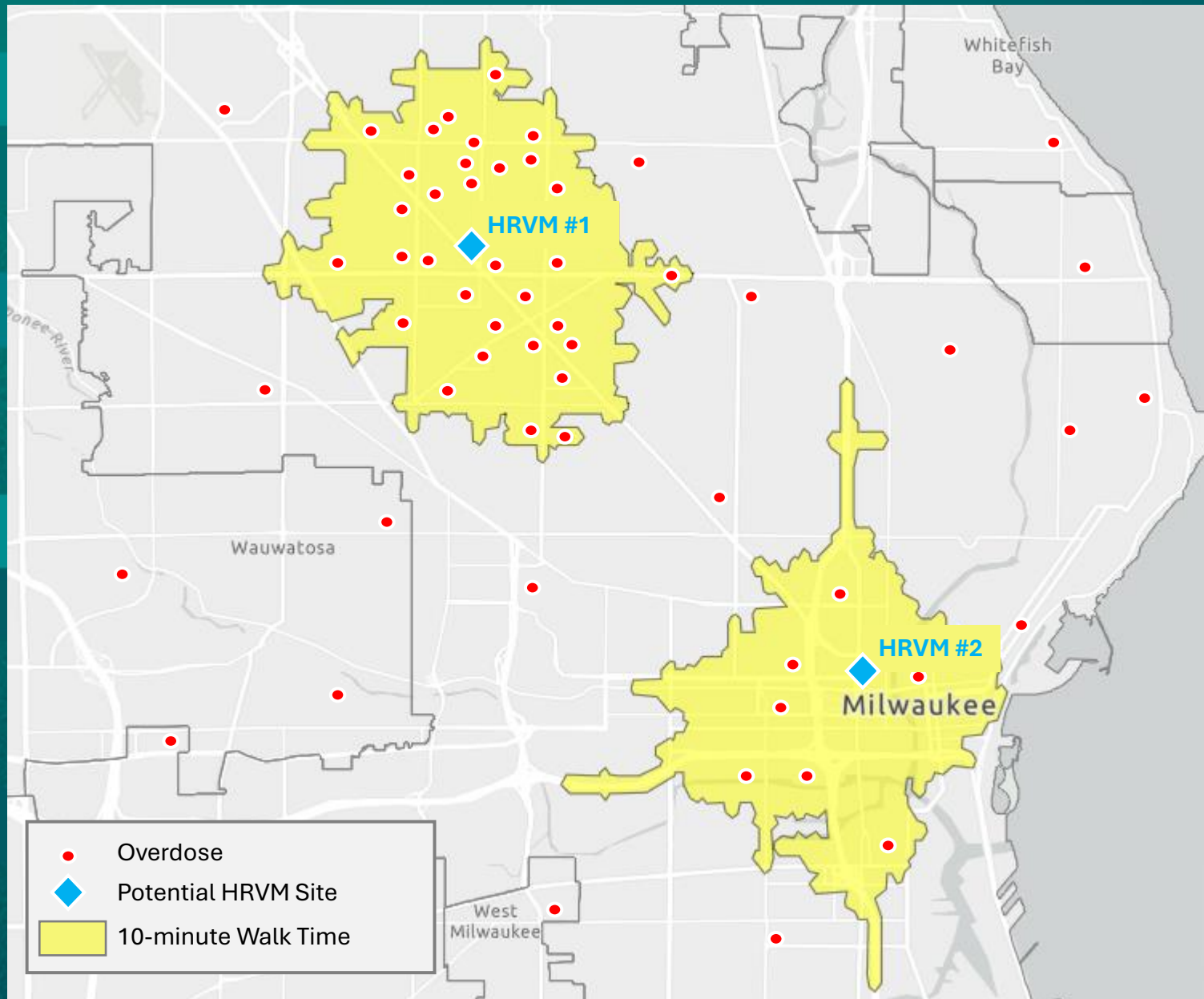


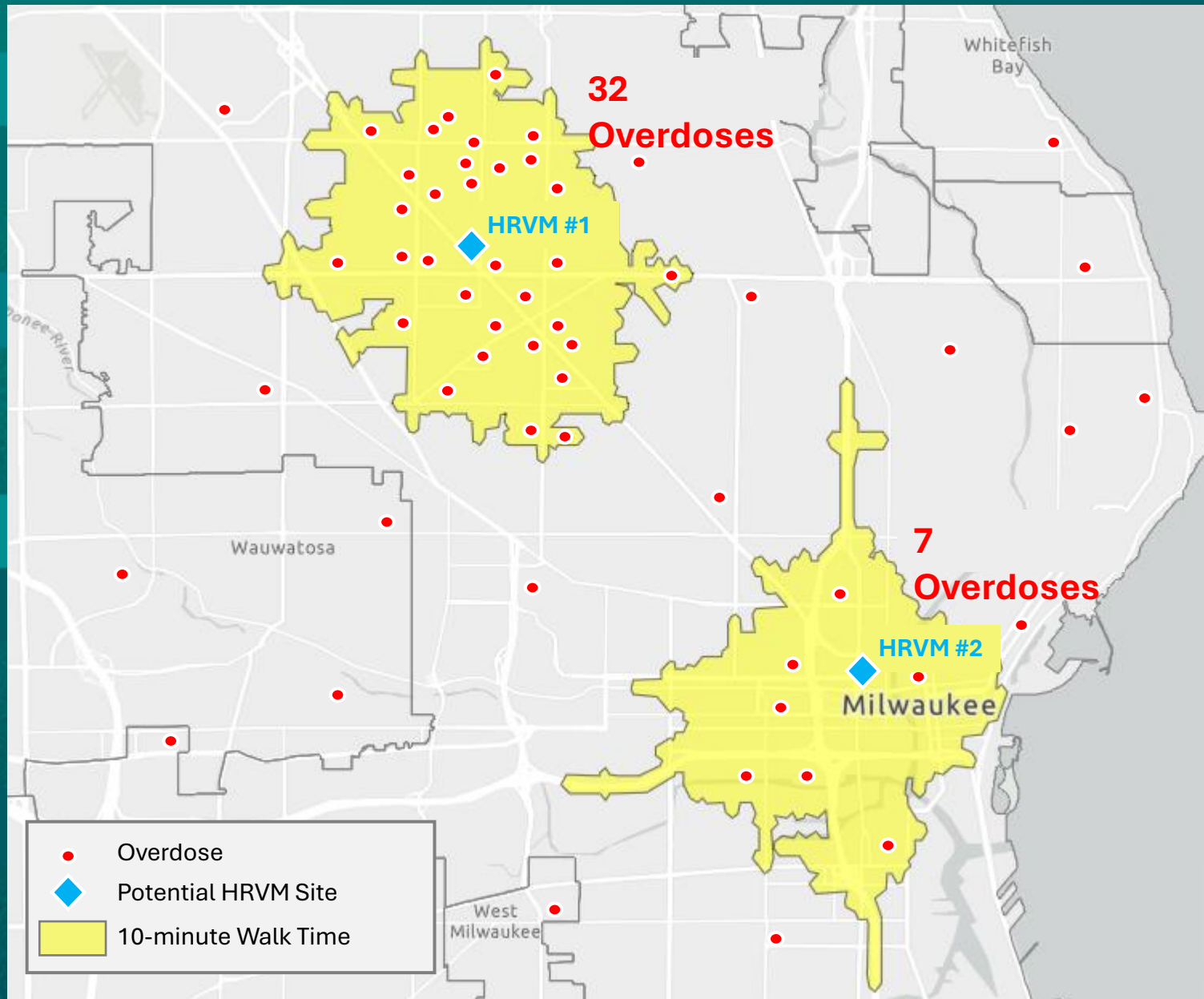
Implementation

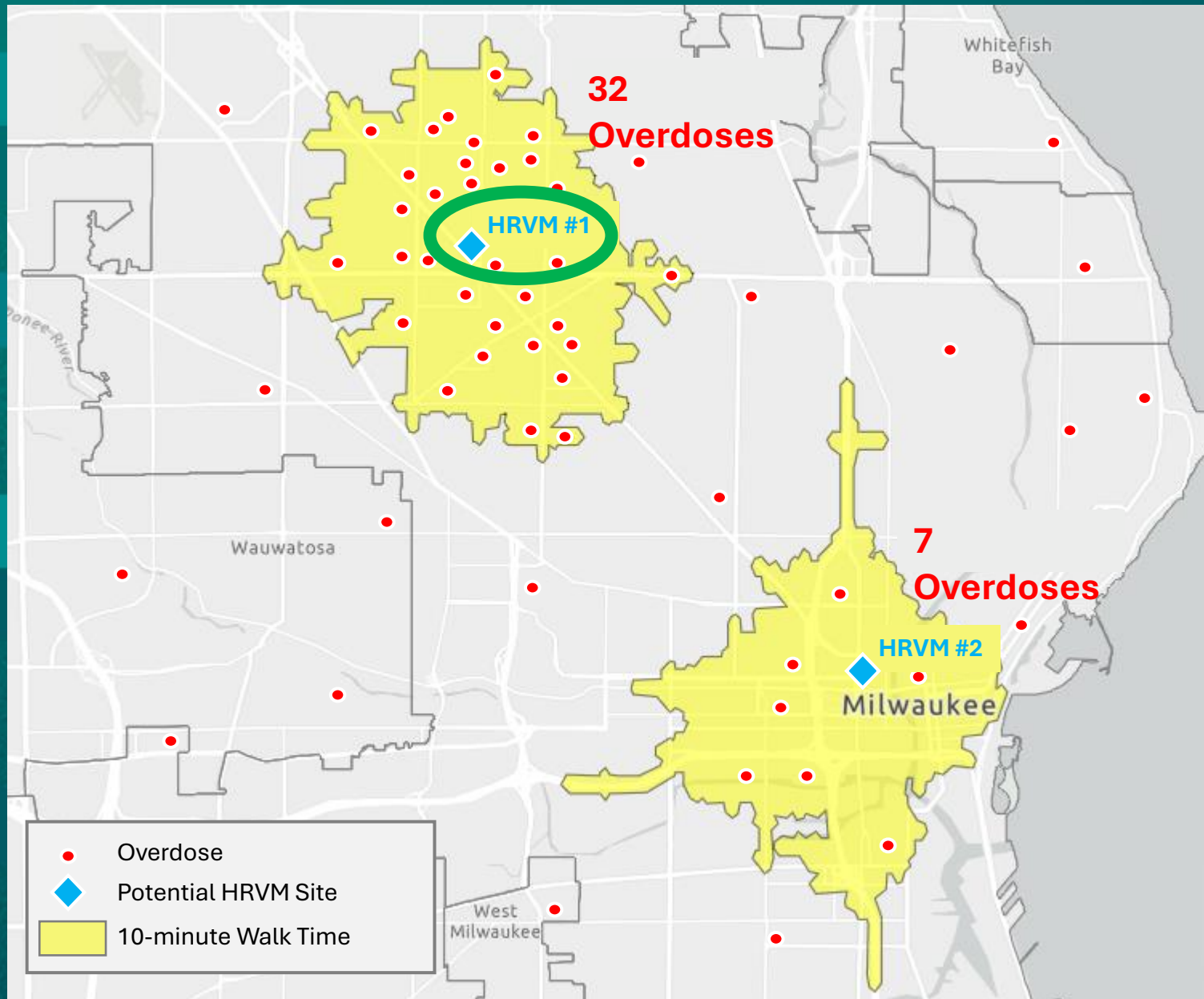




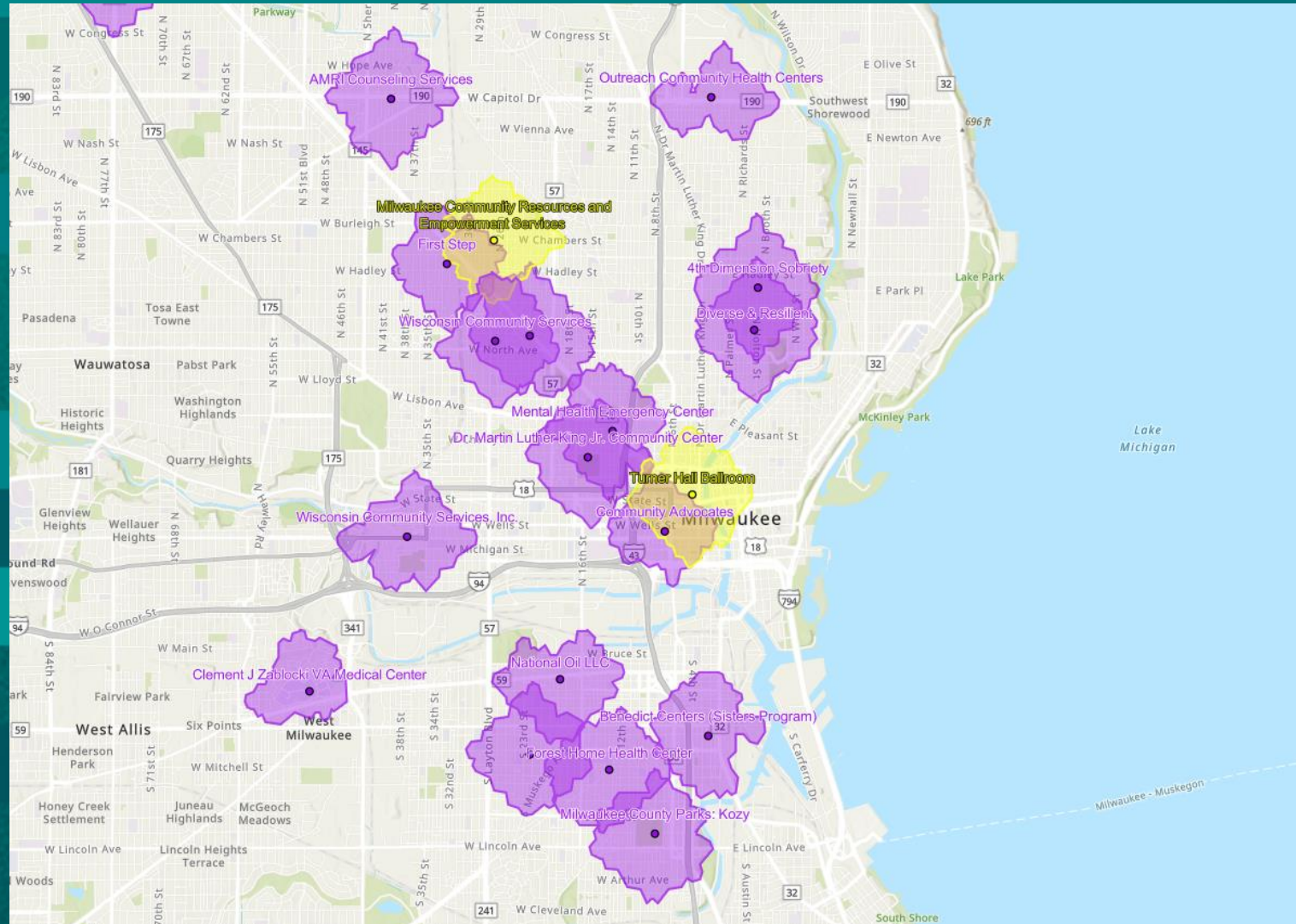








Dealing with Overlap





EMS HRVM Site Selection Tool

Estimated Coverage

865

0

Run Overdose Count

Run Fatal Count

All Overdoses

Fatal Overdoses

- Approximately **5,039** Milwaukee County residents experienced an overdose that was reported to the EMS system in 2023.
- The 11 existing HRVM sites and 6 sites listed by WI DHS cover approximately **603** residents.
- Results of the site selection analysis would cover an additional **438** residents, bringing the total to **1,041** residents within a 10 minute walk of an HRVM site. That's **21%** of all residents who experienced an overdose in 2023.

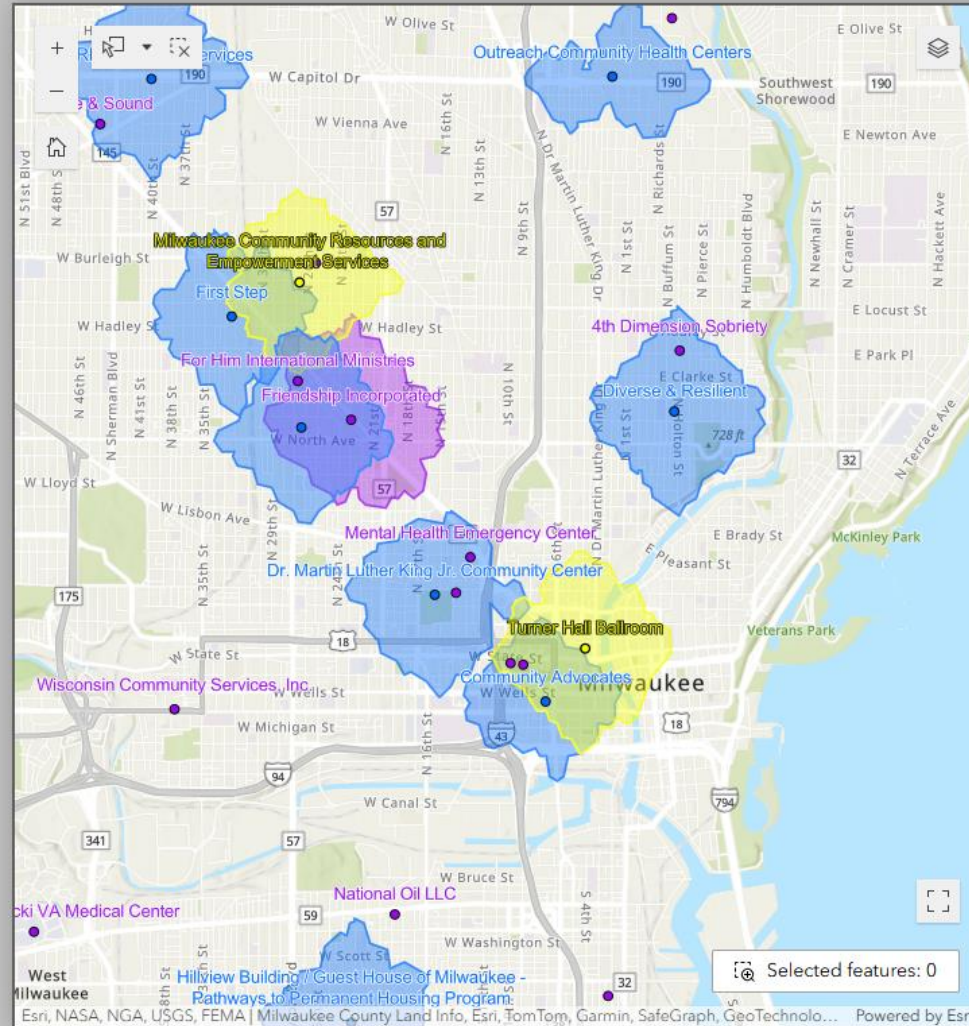
★ - Site Listed by WI DHS

☆ - Existing HRVM Site

↑ - Recommended HRVM Site

↓ - Alternate Site

X - Rejected Site



Potential Sites

- ↓ JusticePoint ☐
- ↓ Medical College of Wisconsin Public Safety ☐
- ↓ Milwaukee County Sheriff's Office ☐
- ↓ Pathfinders Milwaukee, Inc. ☐
- ↓ Rogers Behavioral Health - Brown Deer ☐
- ↓ Rogers Behavioral Health - Milwaukee ☐
- ↓ Wauwatosa Health Department ☐
- ↓ The Repairers Of The Breach ☐
- X A Cry For Help Foundation Inc. ☐
- X Broadstep - Wisconsin, Inc. ☐
- X Donovan Hine Foundation of Exuberance Co. ☐
- X Friendship Incorporated ☒
- X Milwaukee Mental Health Associates Inc. ☐
- X National Oil LLC ☐
- X Safe & Sound ☐



EMS HRVM Site Selection Tool

Estimated Coverage

913

0

Run Overdose Count

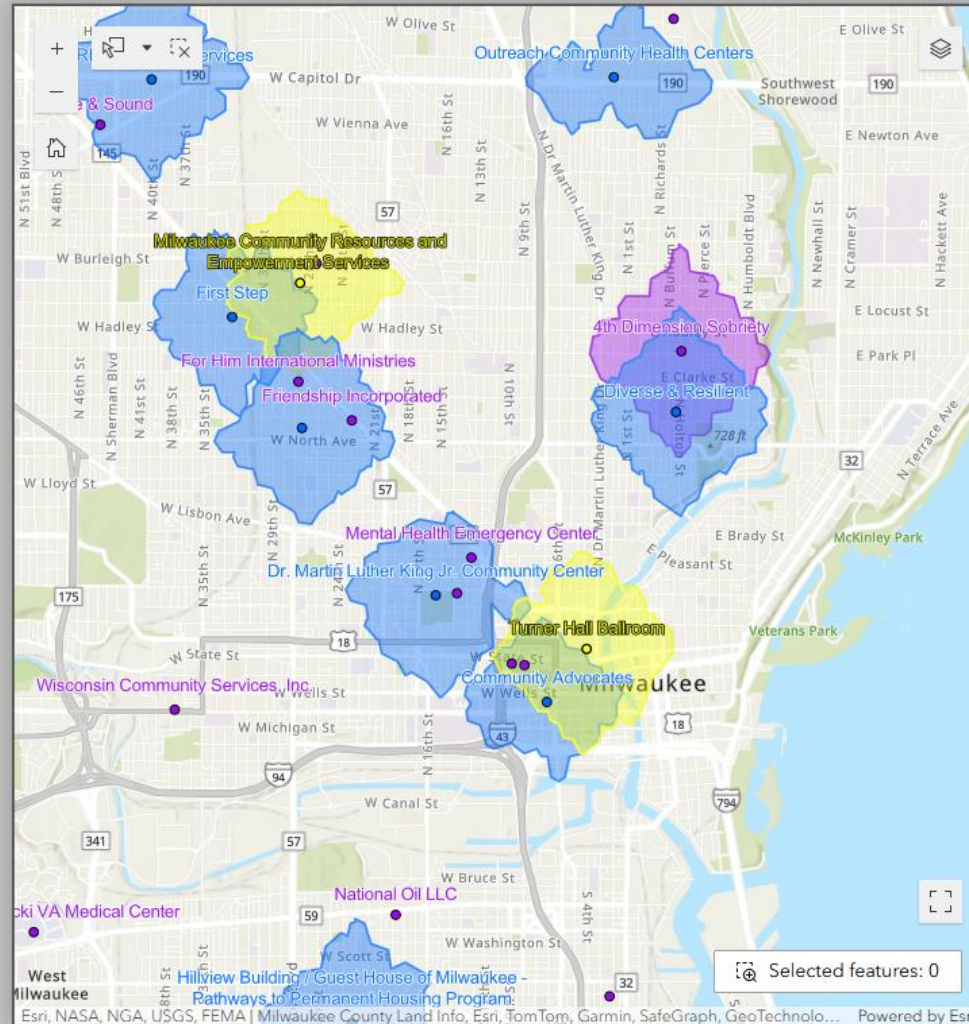
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- ★ - Site Listed by WI DHS
- ☆ - Existing HRVM Site
- ↑ - Recommended HRVM Site
- ↓ - Alternate Site
- X - Rejected Site

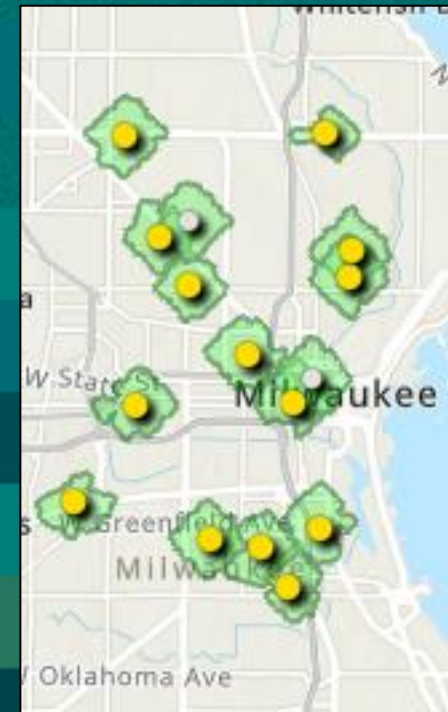


Potential Sites

- ☆ Outreach Community Health Centers ☒
- ☆ Village of Greendale Health Department ☒
- ☆ Wisconsin Community Services - 2600 W North Ave ☒
- ↑ 4th Dimension Sobriety ☒
- ↑ Benedict Centers (Sisters Program) ☐
- ↑ Clement J Zablocki VA Medical Center ☐
- ↑ Forest Home Health Center ☐
- ↑ Mental Health Emergency Center ☐
- ↑ Milwaukee County Parks: Kozy ☐
- ↑ Vin Baker Recovery ☐
- ↑ Wisconsin Community Services - 3732 Wisconsin Ave ☐
- ↓ For Him International Ministries ☐
- ↓ Healing Starts Today ☐
- ↓ JusticePoint ☐
- ↓ Medical College of Wisconsin Public Safety ☐

Results

Milwaukee County Residents Who Experienced an Overdose in 2023

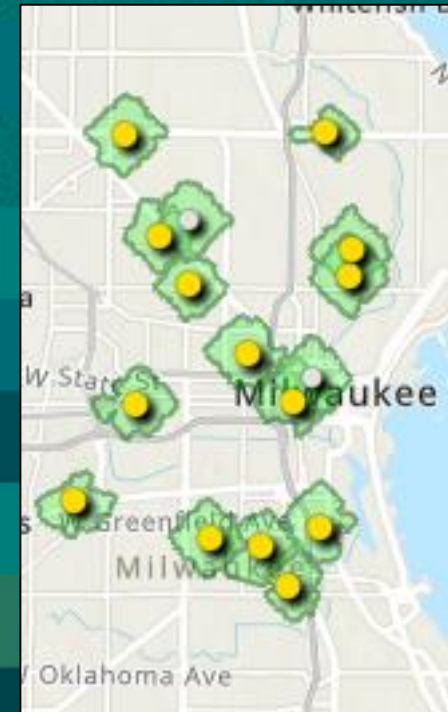


Results

Milwaukee County Residents Who Experienced an Overdose in 2023



97.7% within a 10-minute drive



20.7% within a 10-minute walk



Milwaukee County Harm Reduction Vending Machine Placement Map

Walking

Driving

About This Project

Goals

Methodology

Resources

• In 2023, there were 653 fatal overdoses of the 5,039 total overdoses recorded by the Medical Examiner's Office and Emergency Medical Services. The number of overdoses is steadily increasing and affects all Milwaukee County residents. Milwaukee County is working to reduce overdoses by providing free harm reduction supplies and education materials to all communities across the county.

• The Naloxone Saturation Project for Milwaukee County is an initiative to distribute free naloxone across Milwaukee County to reduce overdose fatalities. Naloxone saturation is defined as enough naloxone kits made readily available to the community to prevent both fatal and nonfatal overdoses related to substance use. This initiative will be alongside the Harm Reduction Vending Machine (HRVM) project that began in Fall 2023. The HRVM project is focused on providing anonymous access to naloxone and other harm reduction resources across various organizations within Milwaukee County.

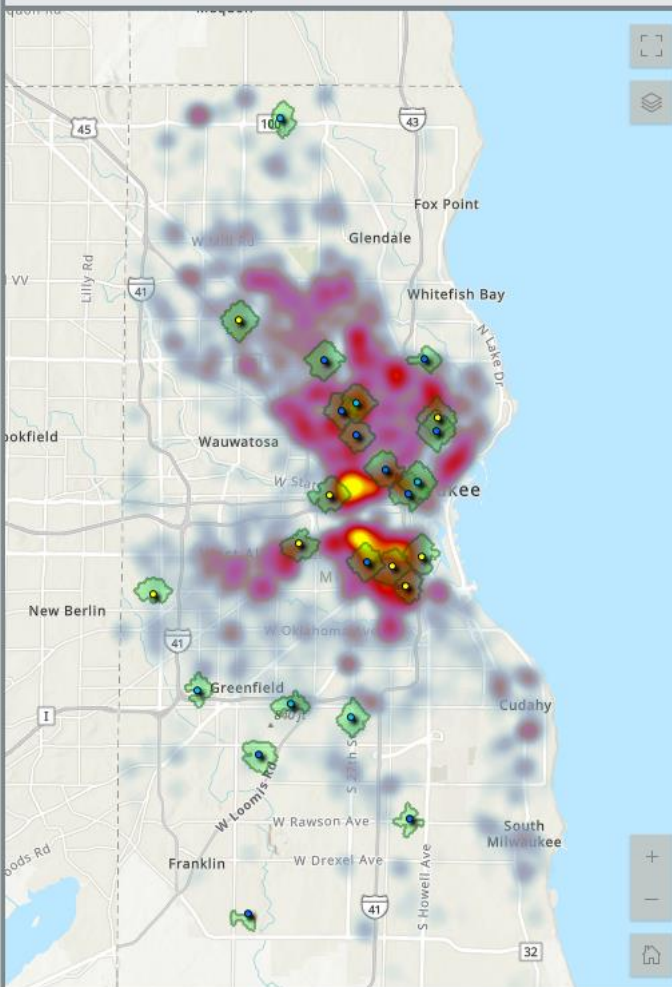
Notes/References

Notes

References

- Created by: MC OEM & DHHS
- Original Publish Date: 04/04/2024
- Last Updated 06/05/2024
- Data Sources: OEM EMS database, DHHS HRVM application sites, travel areas generated using ArcGIS Online's "Generate Travel Areas" tool using 10-minute cutoffs** traveling away from HRVM sites.

HRVM Sites & 10 Minute Walk Coverage



Overdose Demographics

Key Takeaways

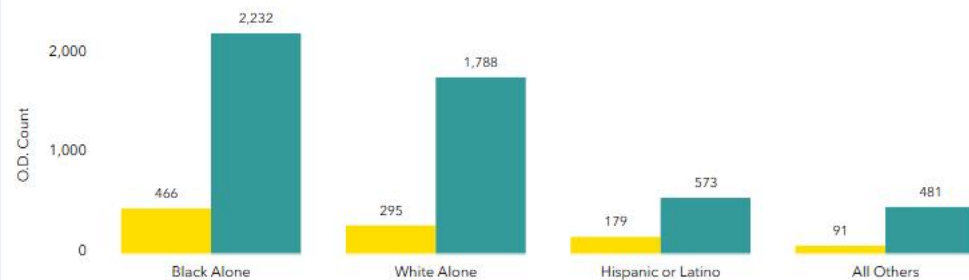
- **Race/Ethnicity:** residents identifying as Black Alone had the highest count of overdose in 2023 at **2,232**. Under this plan, **20.9%** of those residents would have been within a 10-minute walk of overdose reversal supplies.
- **Age:** residents aged 18-34 had the highest count of overdoses in 2023 at **1,577**. Under this plan, **21.8%** of those residents would have been within a 10-minute walk of overdose reversal supplies.
- **Gender:** residents identifying as Male had the highest count of overdoses in 2023 at **3,024**. Under this plan, **21.3%** of those residents would have been within a 10-minute walk of overdose reversal supplies.
- **Fatalities:** Of the **653** local resident overdose deaths in 2023, **16.7%** would have been within a 10-minute walk of overdose reversal supplies.
- **All Overdoses:** Of the **5,039** local resident overdoses in 2023, **20.7%** would have been within a 10-minute walk of overdose reversal supplies.

Race/Ethnicity

Age

Gender

Overdose Race/Ethnicity



Legend





MILWAUKEE COUNTY
Health & Human Services



Milwaukee County

How Do I...

Our County

Residents

Businesses

News & Events

ADULTS

CHILDREN & YOUNG
ADULTS

OLDER ADULTS

BEHAVIORAL HEALTH

HOUSING

DISABILITIES

VETERANS



Harm Reduction MKE

TRAIN. SUPPLY. REDUCE. THRIVE.

[Home](#) > [Department of Health & Human Services](#) > [Behavioral Health](#) > [Prevention and Harm Reduction](#) > [Harm Reduction Vending Machines](#)



Quick Links



Vending Machine Map



Supply Demonstration Videos



Better Ways to Cope



Online Depot



Saturation Data



Overdose Trends and Harm Reduction Vending Machine Coverage

Overdose Data Discussion



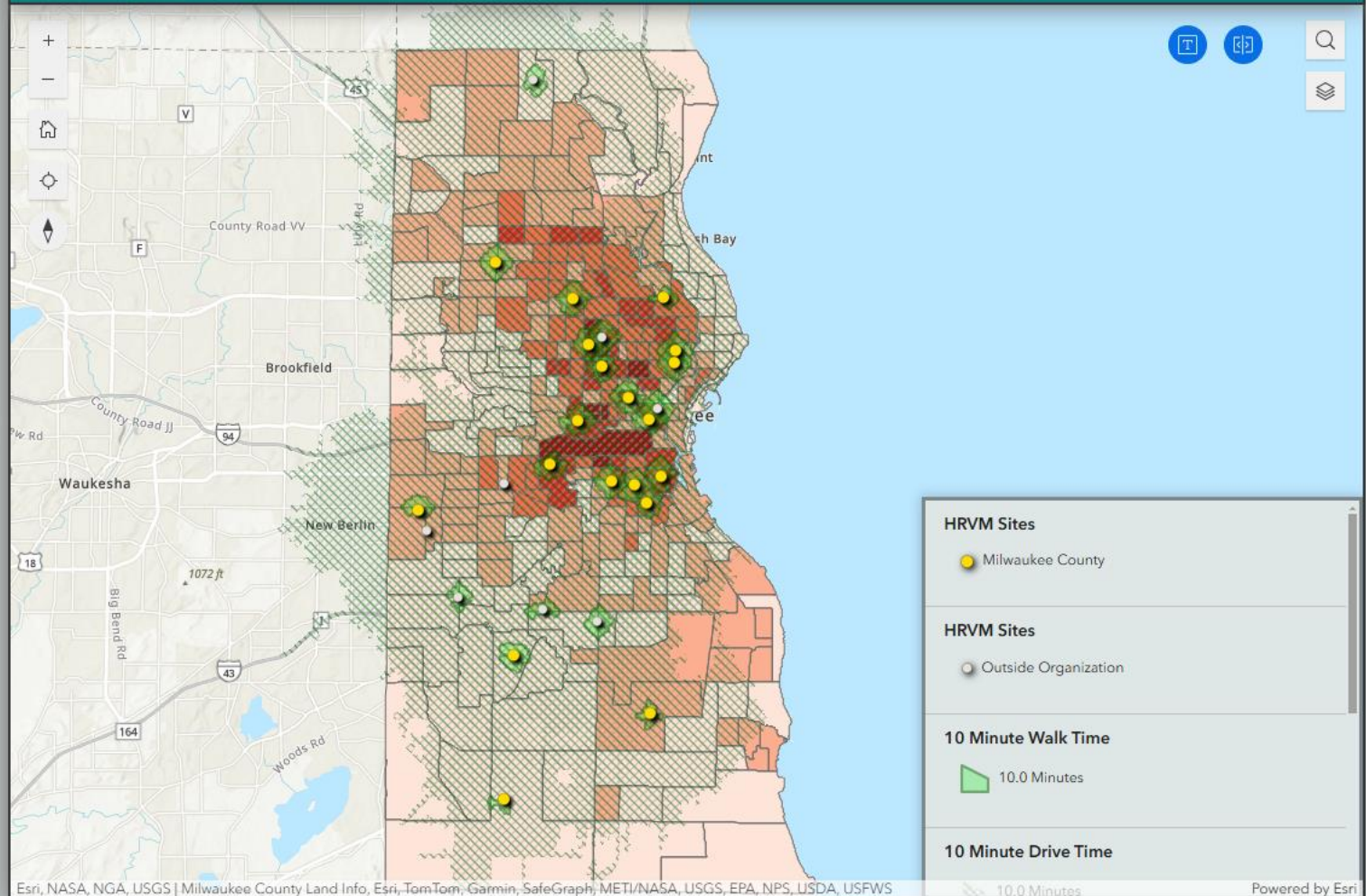
Harm Reduction Vending Machine Site List

	Search
	4th Dimension Sobriety 500 E Center St Milwaukee
	AMRI Counseling Services 4001 W Capitol Dr Milwaukee
	Benedict Centers (Sisters Program) 209 W Orchard Street Milwaukee
	Brown Deer Village Hall

Overdose Trends & Sites Coverage

Site Coverage

Overdose Trends





Overdose Trends and Harm Reduction Vending Machine Coverage

Overdose Data Discussion



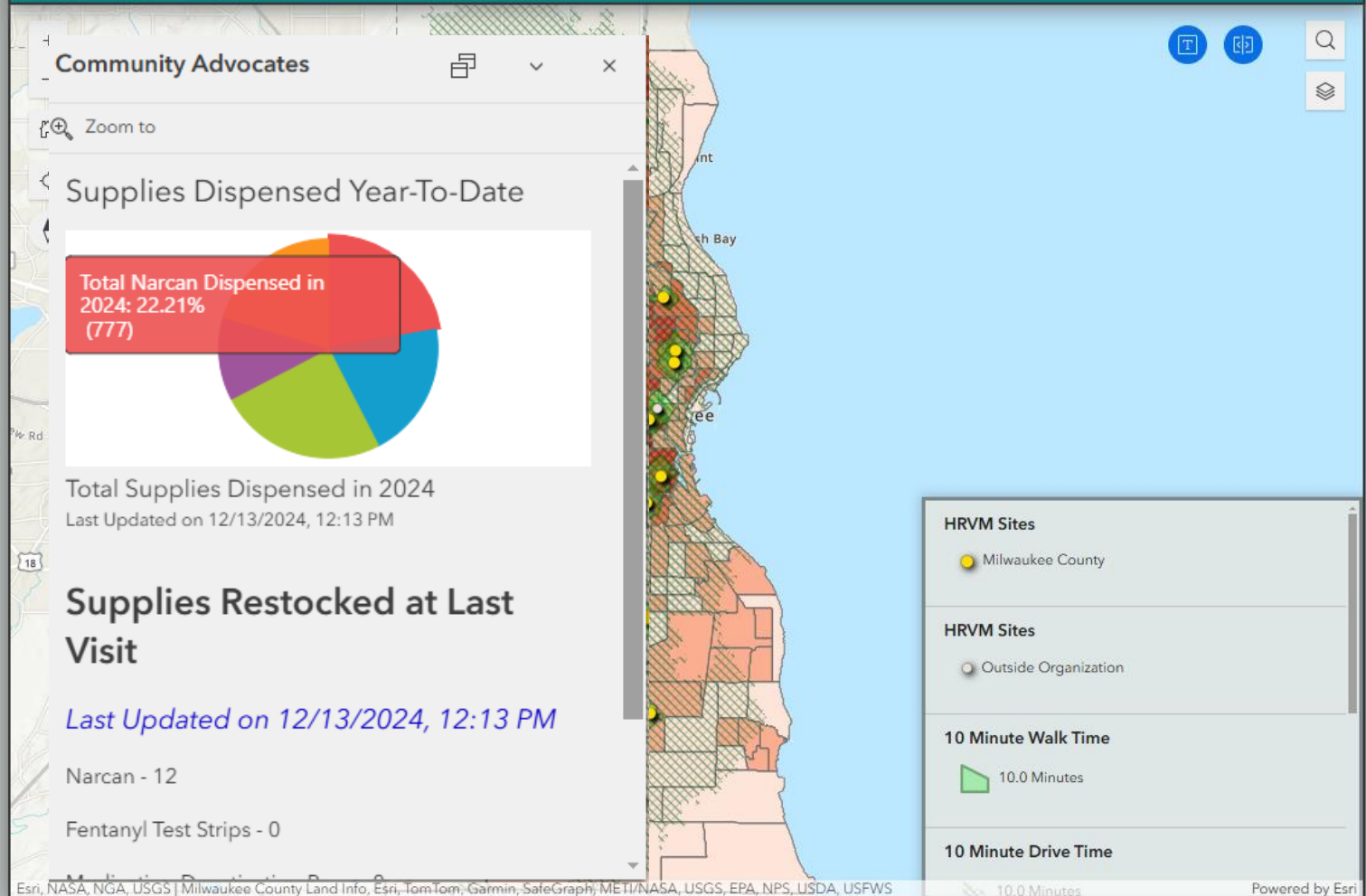
Harm Reduction Vending Machine Site List

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	Benedict Centers (Sisters Program) 209 W Orchard Street Milwaukee
	Brown Deer Village Hall

Overdose Trends & Sites Coverage

Site Coverage

Overdose Trends





Harm Reduction Supply Usage

Learn more about Harm Reduction Supply Usage



5,522

Life Saving Narcan Nasal Sprays supplied in Milwaukee County by the Milwaukee County Department of Health & Human Services in 2024

What supplies are available?

- **Nasal Naloxone** reverses opioid overdoses
- **Fentanyl Test Strips** test substances for the presence of Fentanyl and Xylazine
- **Medication Deactivation Bags** allow for safe disposal of unused or expired medications
- **Medication Lock Bags** keep prescription medications safer
- **Gun Locks** prevent accidents and unauthorized use

Monthly Harm Reduction Supply Dispersal

Nasal Narcan

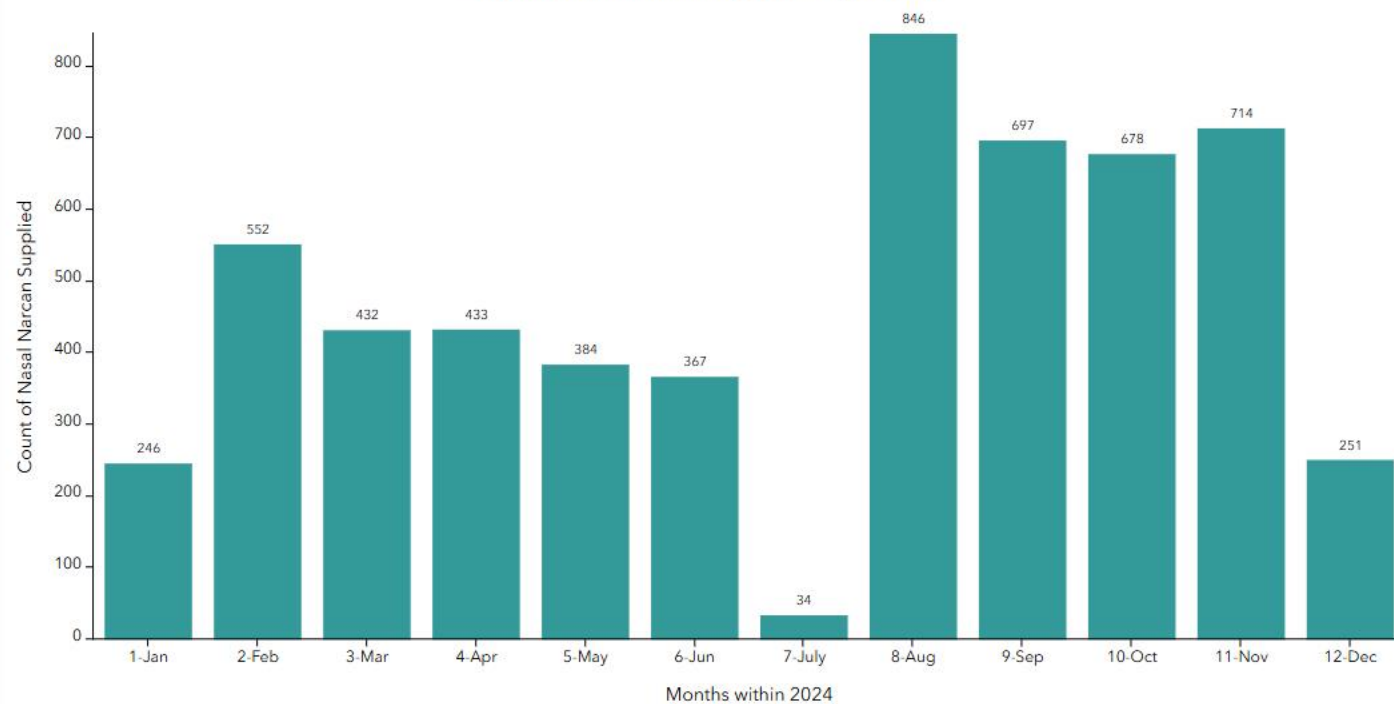
Fentanyl Test Strips

Medication Deactivation Bags

Medication Lock Bags

Gun Locks

Sum of Nasal Narcan Dispensed by Month*



*Calculated based on quantity restocked. Actual quantities may be higher than those reported due to limited quantity of supplies available on restock days.



Overdose Demographics in Milwaukee County

Learn more about Overdose Demographics



Substance use doesn't affect everyone equally.

Identifying high-risk groups for targeted interventions is more effective, avoids duplicating services, and ensures efficient resource allocation.

Key Takeaways

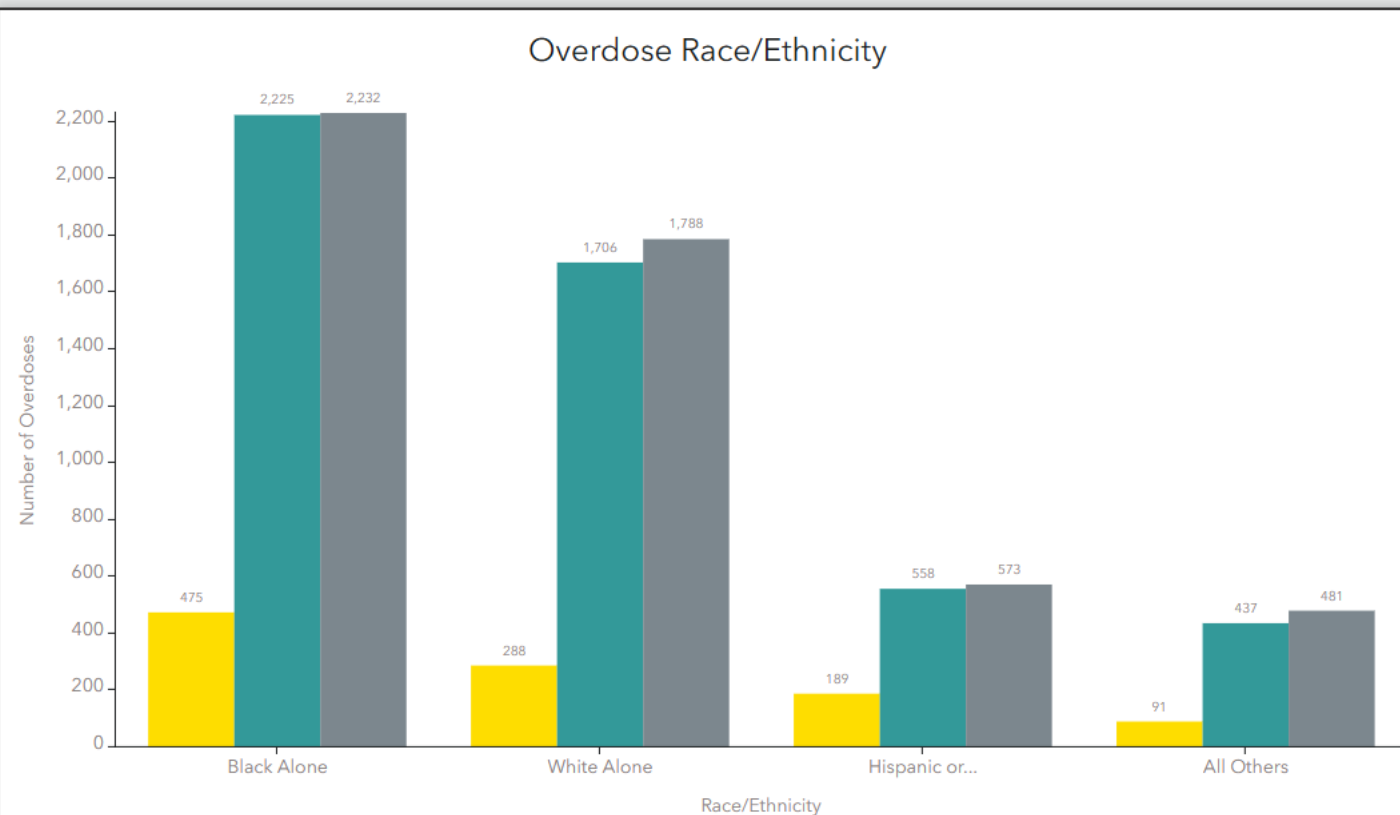
- **Race/Ethnicity:** residents identifying as Black Alone had the highest count of overdose in 2023 at 2,232. Under this plan, 99.4% of those residents would have been within a 10-minute drive of overdose reversal supplies.
- **Age:** residents aged 18-34 had the highest count of overdoses in 2023 at 1,577. Under this plan, 95.8% of those residents would have been within a 10-minute drive of overdose reversal supplies.
- **Gender:** residents identifying as Male had the highest count of overdoses in 2023 at 3,024. Under this plan, 97.1% of those residents would have been within a 10-minute drive of overdose reversal supplies.

2023 Overdose Demographics

Race/Ethnicity

Age

Gender



Overdoses Within 10-Minute Walk of HRVM

All Overdoses Within Milwaukee County

Overdoses Within 10-Minute Drive of HRVM



WITHIN A **10-MINUTE** DRIVE OF HARM

Play (k)



0:07 / 1:50



HRVM Selection 2025

Bringing the community to the table



SCAN ME

Harm Reduction Vending Machine Placement Voting Project

In 2022, Milwaukee County's Behavioral Health Services department began deploying publicly available Harm Reduction Vending Machines stocked with free supplies to prevent overdose and gun deaths. The placement of the machines has been decided in years past through collaboration with community partners and data analysis of overdose trends. You can find more information on [our website](#).

We will be placing six new machines in 2025. To ensure people who choose to use substances have the supplies they need to do so safely, we want you to tell us where we should put these supplies. Cast your vote by submitting the anonymous survey below.

Do you currently or have you ever used substances?*

☐ Yes

☐ No

Are you entering a recommendation on behalf of someone who is currently or has ever used substances?*

☐ Yes

☐ No

- **Provide more information about the HRVM Selection 2025 survey**
- Decide how many data responses you are looking for or how long will be it open.

PRESENTATION NOTES



David Muhammad

Deputy Director

Department of Health and Human Services

COMMUNITY ENGAGEMENT



Community Engagement

DHHS Strategy & Community Engagement

- Mission, Vision, & Values
- Defining Community
- The Purpose and Role of Community Engagement
- DHHS 2025-2027 Strategic Plan

DHHS Mission, Vision & Values

MISSION

Empowering
safe, healthy, and
meaningful lives.

VISION

Together,
creating healthy
communities.

VALUES

Partnership, Respect,
Integrity, Diversity,
and Excellence
(P.R.I.D.E.)



**How do we define
community?**

Community: Definition

What is community?

A ***dynamic whole*** that emerges when a group of people:

- Participate in *common practices*
- *Depend* on one another
- *Make decisions* together
- *Identify themselves* as part of something larger than the sum of their individual relationships
- *Commit themselves* for the long term to their own, one another's, and group's well-being



The Purpose and Role of Community Engagement

International Association for Public Participation: 5 Stages of Engagement

1. Inform

2. Consult

3. Involve

4. Collaborate

5. Empower/Shared Power

IAP2 Public Participation Spectrum



IAP2'S PUBLIC PARTICIPATION SPECTRUM

The IAP2 Federation has developed the Spectrum to help groups define the public's role in any public participation process. The IAP2 Spectrum is quickly becoming an international standard.

INCREASING IMPACT ON THE DECISION 					
	INFORM	CONSULT	INVOLVE	COLLABORATE	EMPOWER
PUBLIC PARTICIPATION GOAL	To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.	To obtain public feedback on analysis, alternatives and/or decisions.	To work directly with the public throughout the process to ensure that public concerns and aspirations are consistently understood and considered.	To partner with the public in each aspect of the decision including the development of alternatives and the identification of the preferred solution.	To place final decision making in the hands of the public.
PROMISE TO THE PUBLIC	We will keep you informed.	We will keep you informed, listen to and acknowledge concerns and aspirations, and provide feedback on how public input influenced the decision.	We will work with you to ensure that your concerns and aspirations are directly reflected in the alternatives developed and provide feedback on how public input influenced the decision.	We will look to you for advice and innovation in formulating solutions and incorporate your advice and recommendations into the decisions to the maximum extent possible.	We will implement what you decide.

What Community Engagement Looks Like?



Direct Outreach



Neighborhood
Events



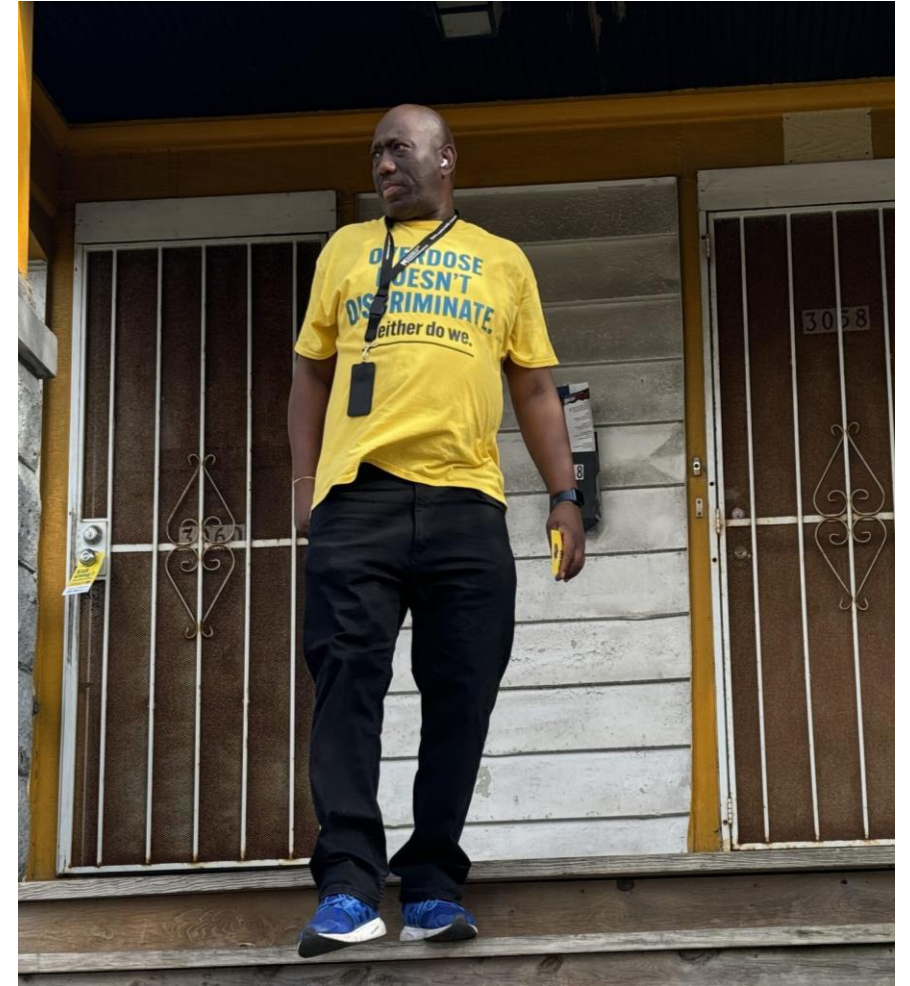
Public Education



Community
Listening Sessions



Participatory
Governance





**How can you engage the
community more
effectively?**



**BE THE MESSAGE
THAT YOU
BRING!**



LUNCH

Community Engagement

Problem		Solution
1	Disconnected & isolated	Broad advertising- billboards, tv's
2	Stigmatism - don't want to call the police	Vivent has a depot to delivery to the house)
3	Staff unaware of machine	Marketing- Uniformity, informed and trained staff
4	They deserve to be alive even if they are still living.	Empathy Building
5	Location & indoors limit access	Outside and durable
6	Users in the Large parks and Community Gardens are using areas.	Educate on saving lives the park staff
7	Lack of trust	visible and present, consistency in engaging, people who don't trust, stigmatize.
8	Good Smartian Law, Sundown, no protection in law. Police Officer, Fire Fighter- More Team	Education on usage versus distribution.

PRESENTATION NOTES



DATA:

Find out if giving out more harm reduction supplies and doing prevention activities leads to fewer overdose deaths.



COMMUNITY:

Sort the different harm reduction strategies being used in Milwaukee County based on how well they work and how much of a difference they make.



PREVENTION:

Find out how institutions that affect large groups of people can help prevent county residents from becoming dependent on drugs.



IMPACT:

Create a process to track and archive harm reduction stories and promote efforts nationally.

4 WORKING GROUPS

MEETING COMMITTMENT

April – May (4 Hours)

August – September (4 Hours)

October – November (4 Hours)

Every Two Months

1. Milwaukee will work on the presentation suggestions in partnership with relevant stakeholders.
2. Participating agencies will receive more information about working groups and elect to join them based on mission and capacity.
3. Attend HRVM Summit #2 June 12th

NEXT STEPS



**MILWAUKEE
COUNTY**