

# Addressing the Opioid Crisis through SPI Initiatives



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July 18, 2018



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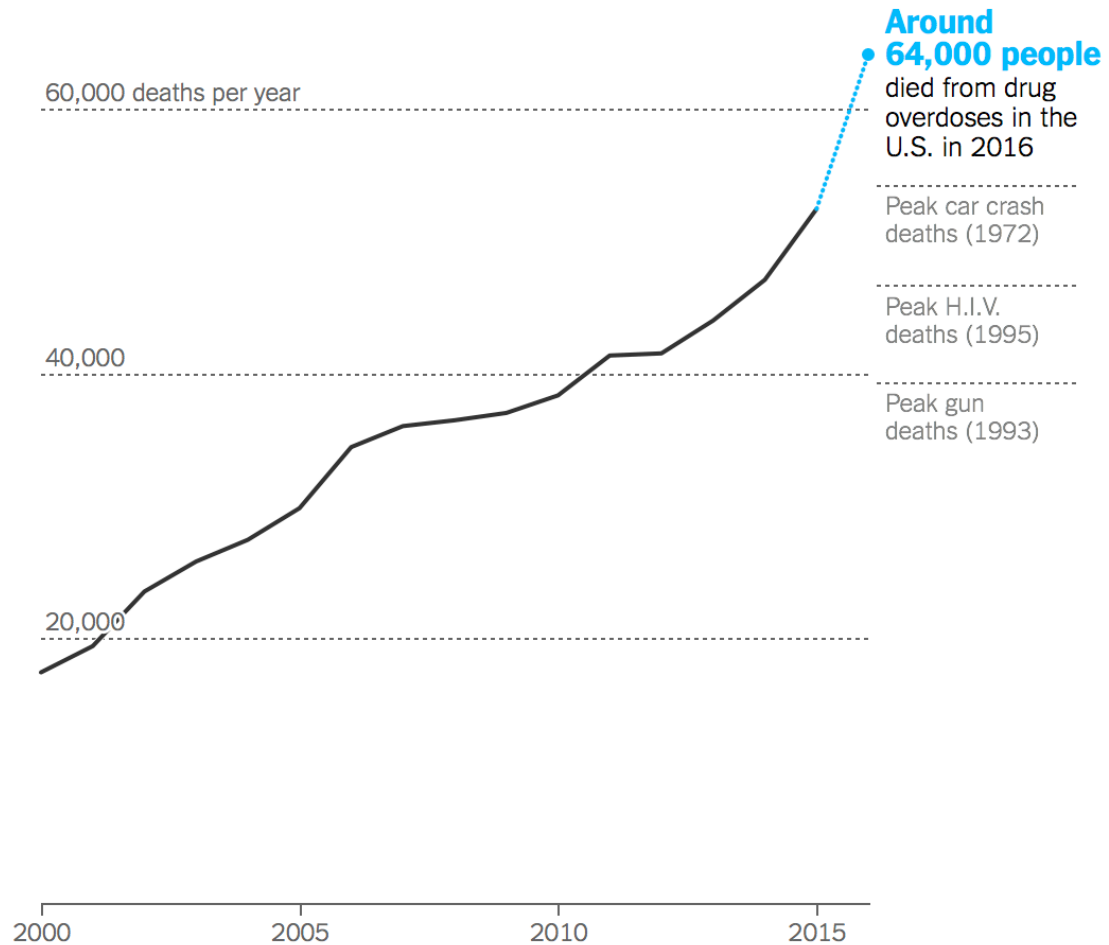
# Understanding the State of the Epidemic Across the Nation



Tara Kunkel, Senior Drug Policy Advisor  
U.S. Department of Justice Bureau of Justice Assistance  
July 18, 2018

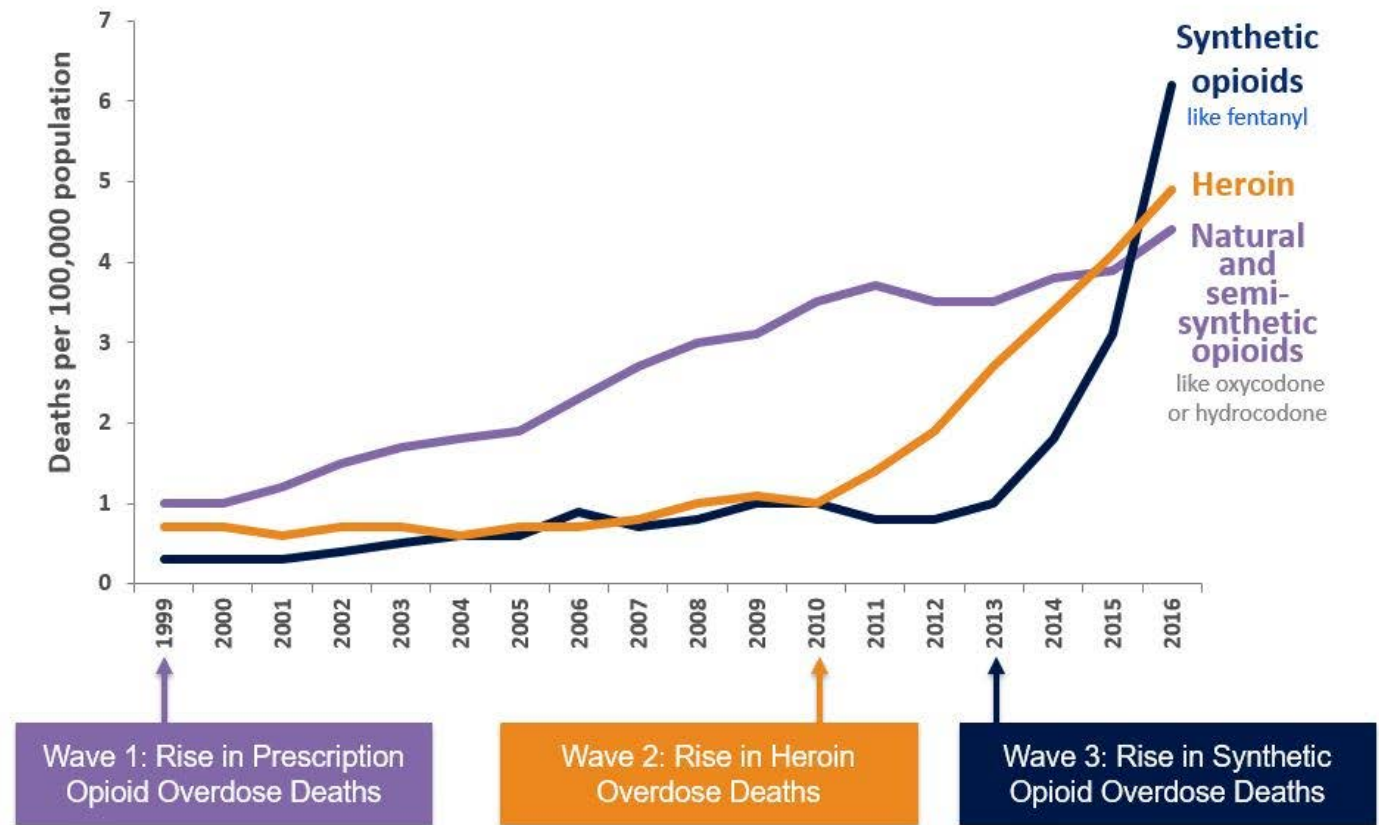
# U.S. Overdose Deaths in Context

Total U.S. drug deaths



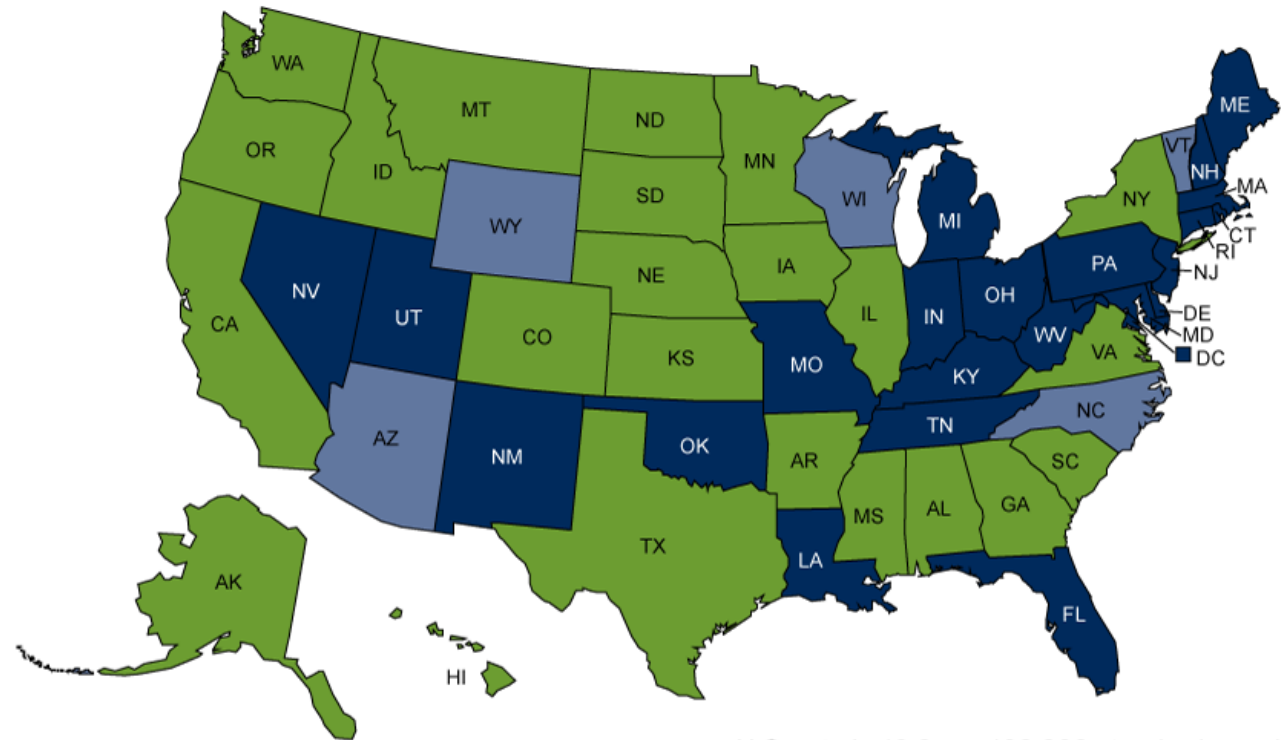
# Waves in the Rise of Opioid Overdose Deaths

## 3 Waves of the Rise in Opioid Overdose Deaths

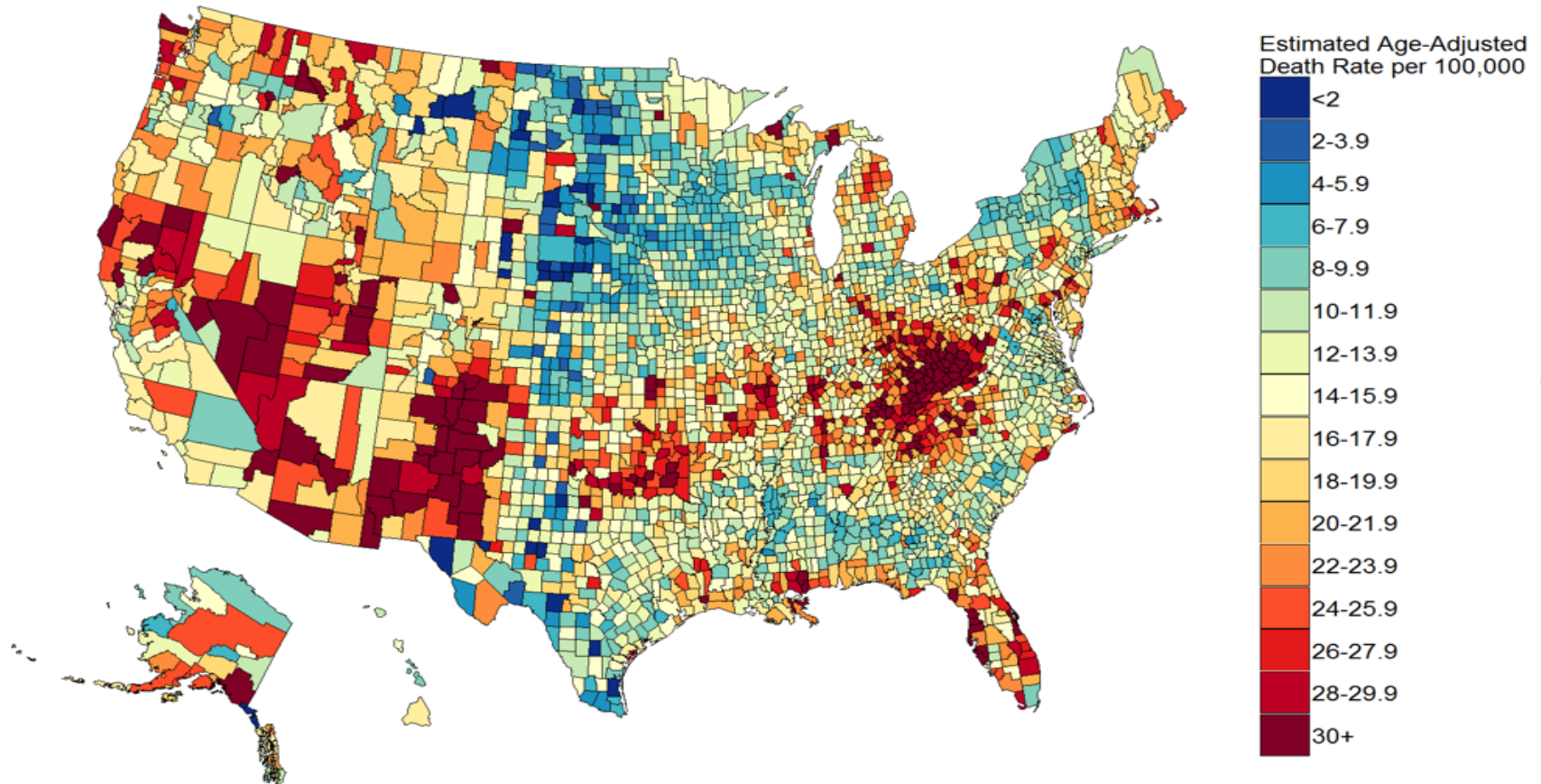


SOURCE: National Vital Statistics System Mortality File.

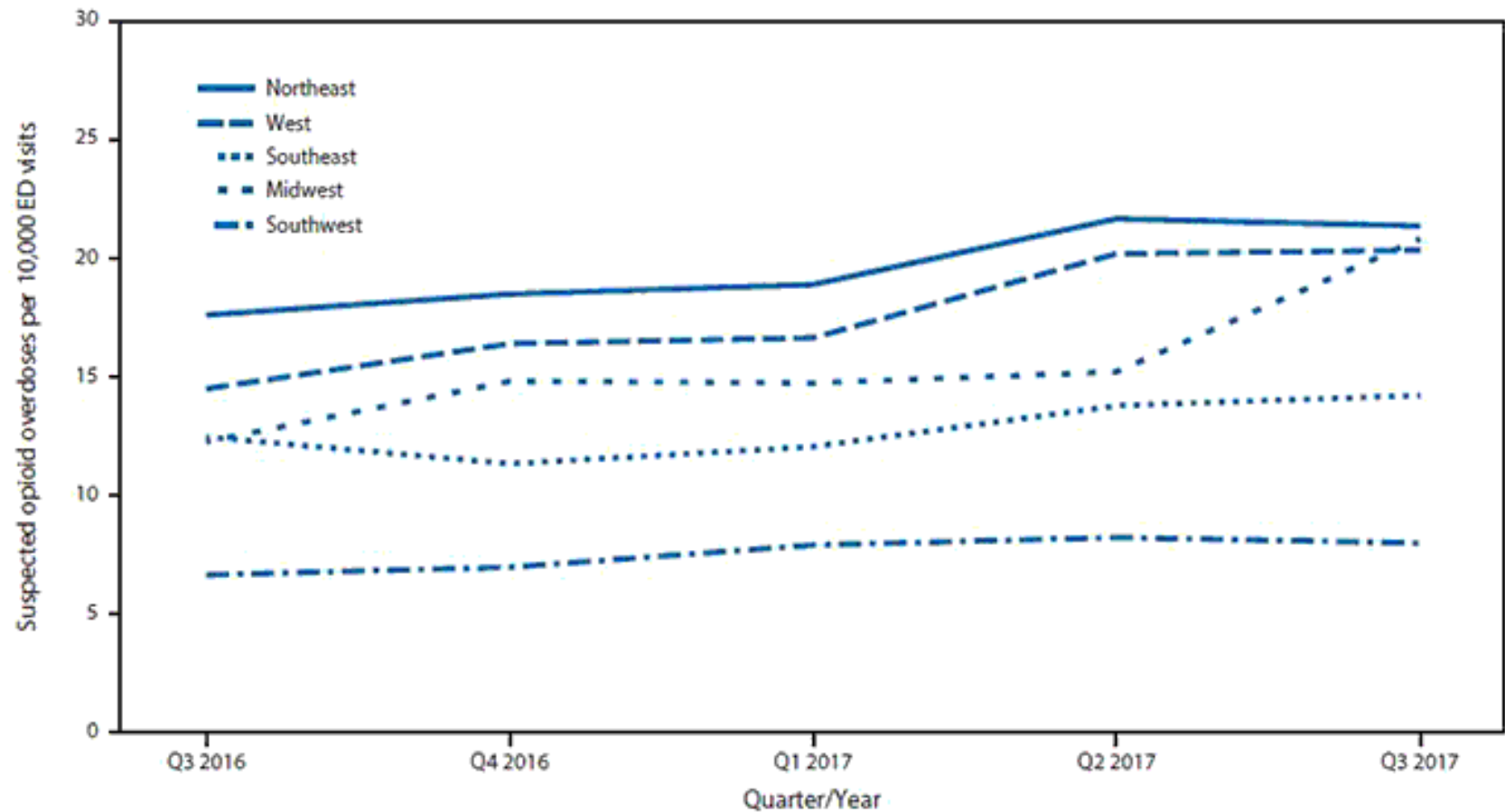
# Age Adjusted Drug Overdose Death Rates by State, 2016



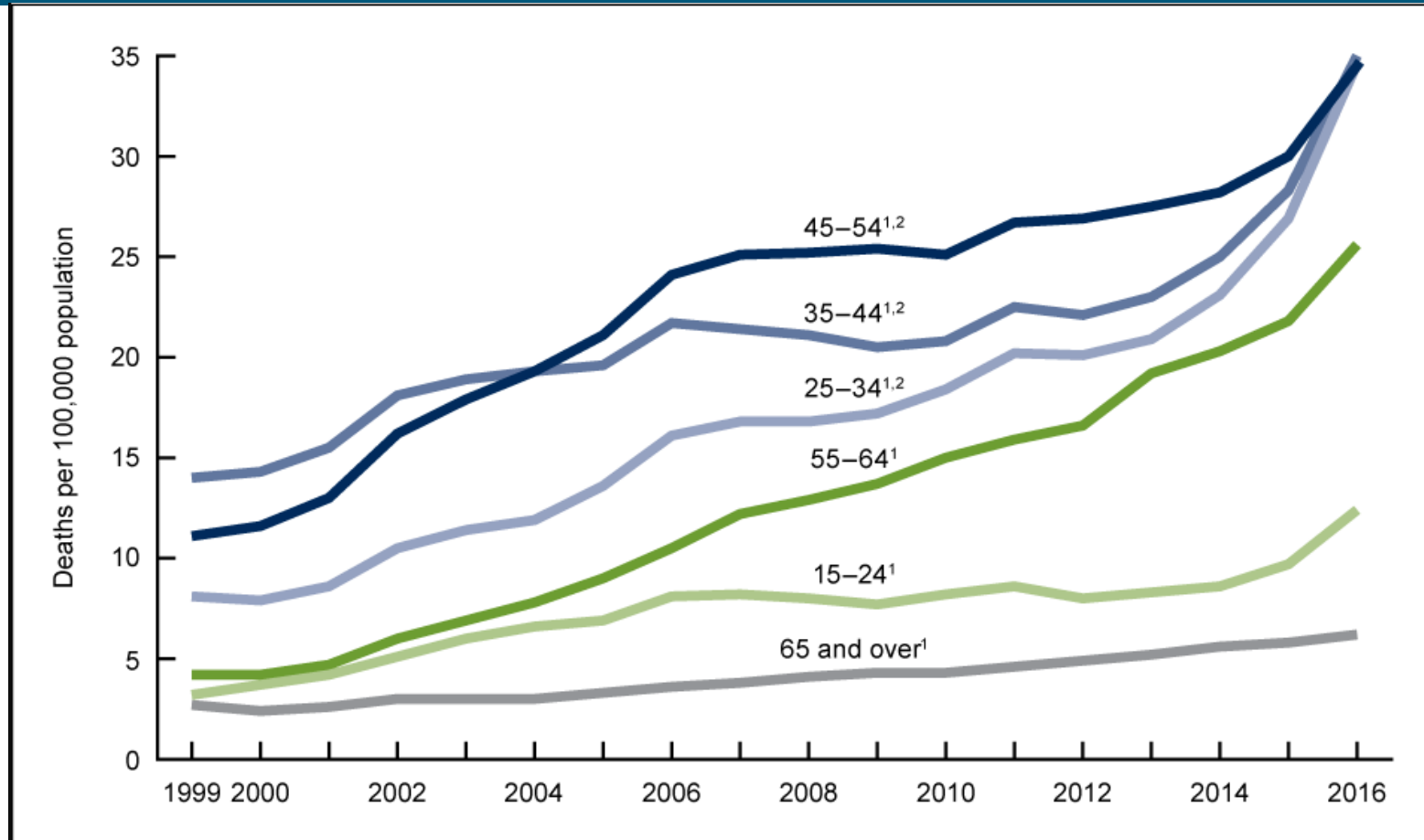
# 2016 Age-Adjusted Death Rate



# Quarterly Rate of Suspected Opioid Overdose, by US Region



# Drug Overdose Death Rates, by Selected Age Group

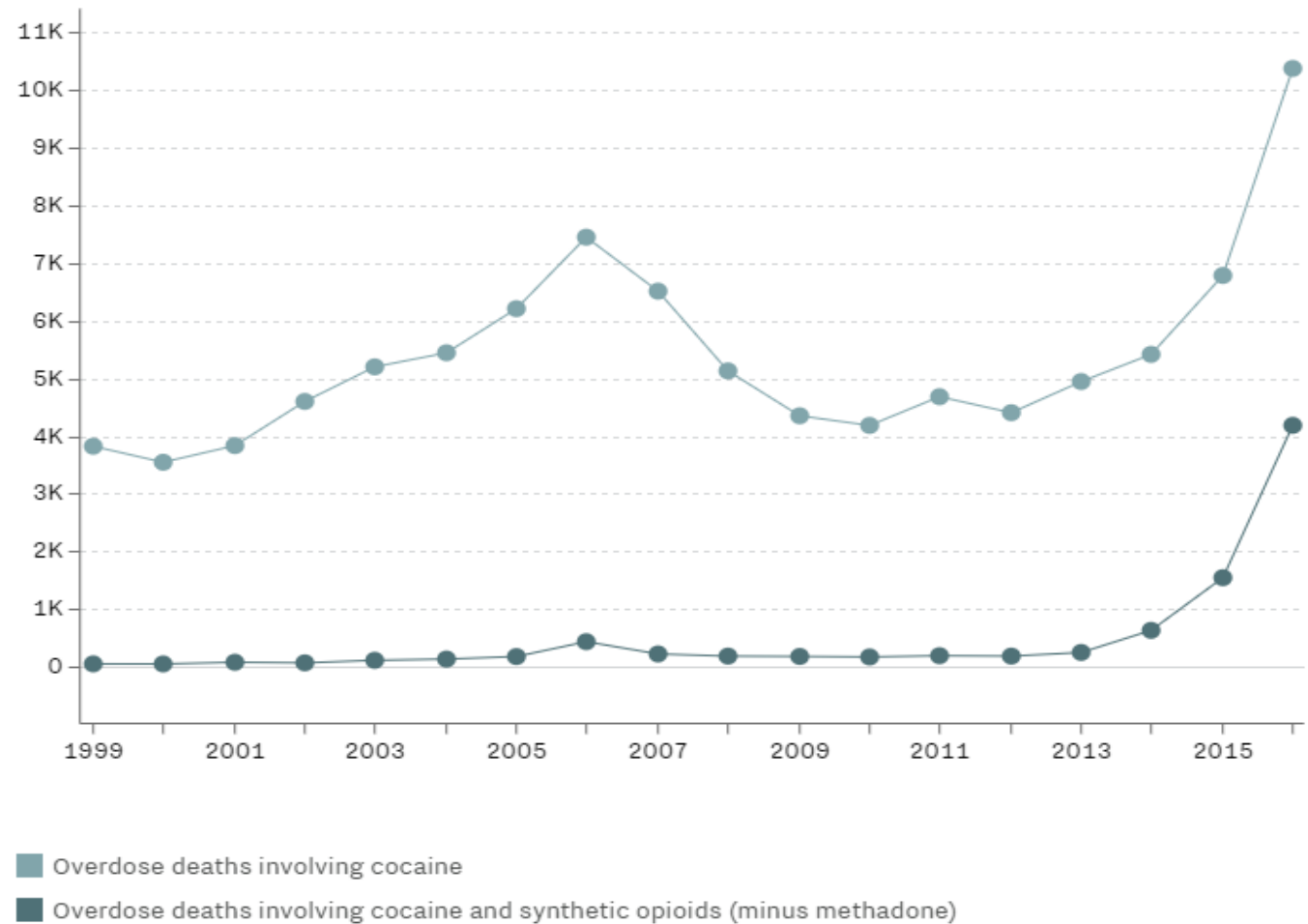


<sup>1</sup>Significant increasing trend from 1999 to 2016 with different rates of change over time,  $p < 0.005$ .

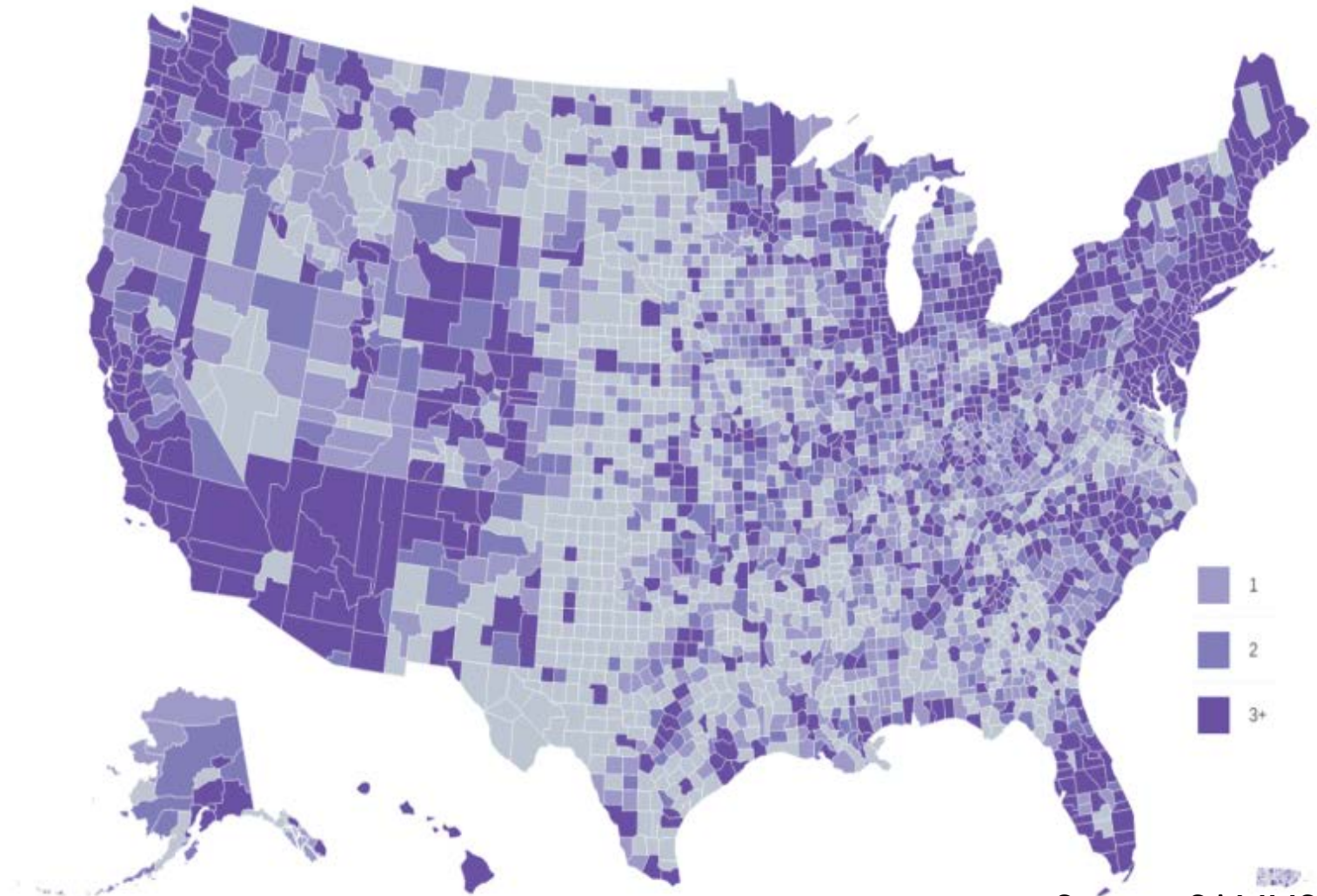
<sup>2</sup>2016 rate was significantly higher than for the rate for age groups 15-24, 55-64, and 65 and over,  $p < 0.05$ .



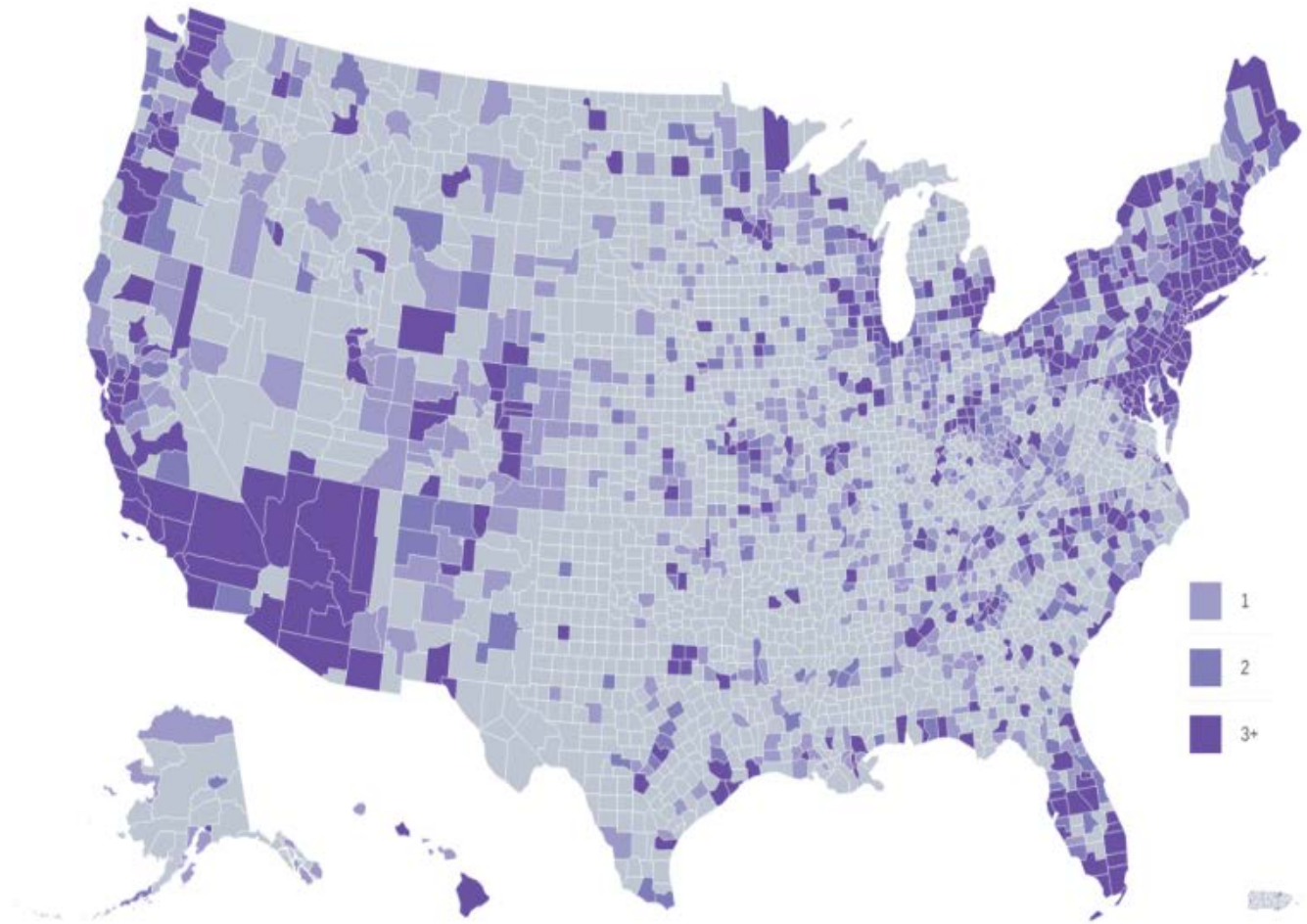
# Cocaine and Fentanyl Overdose Deaths



# All Substance Abuse Facilities, 2016



# Substance Abuse Facilities Offering Medication-Assisted Treatment, 2016





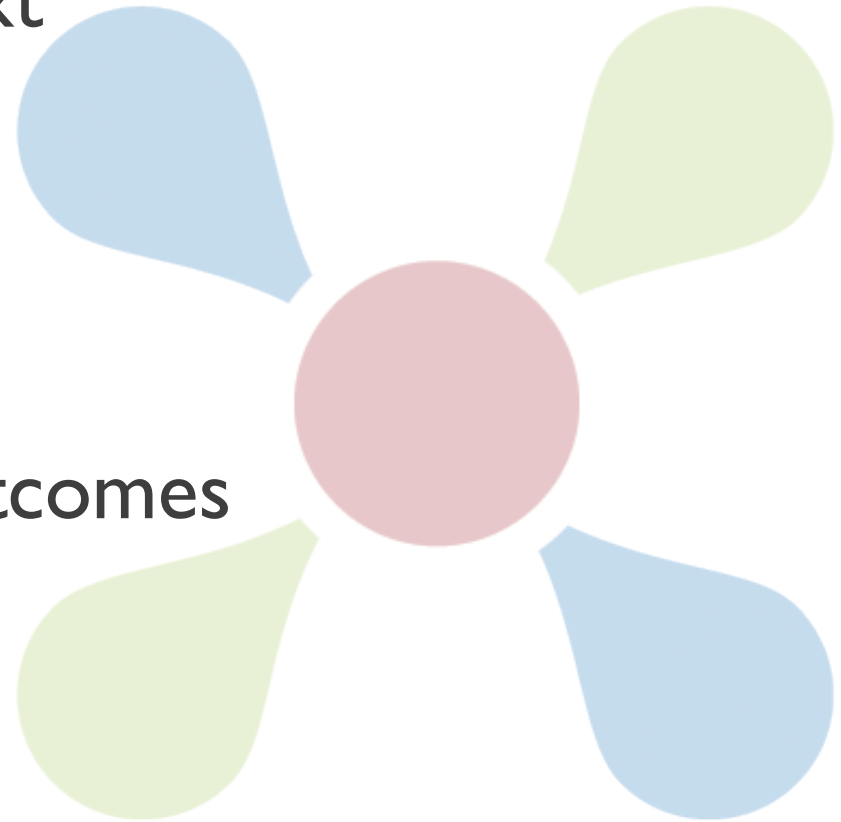
# The Lowell Community Opioid Outreach Program (CO-OP) and Child Assessment Response Evaluation (Project CARE)

Maryann Ballotta, Public Safety Research and Planning Director  
Lowell, Massachusetts Police Department  
July 18, 2018

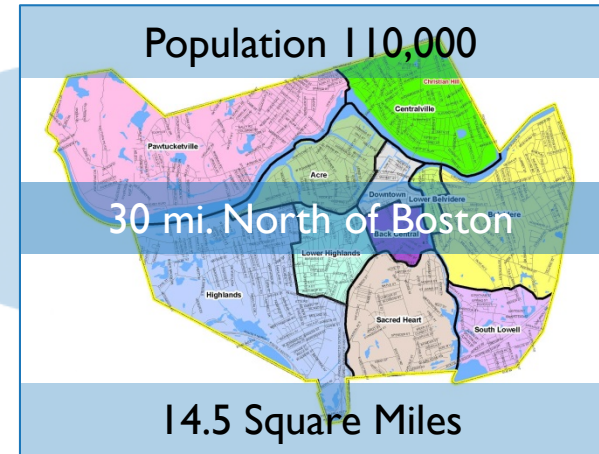


# Outline

- Background and Context
- Problem
- Approach
- Evaluation Plan
- Anticipated Results/Outcomes
- Lessons Learned



# Lowell, MA – City & Police Department

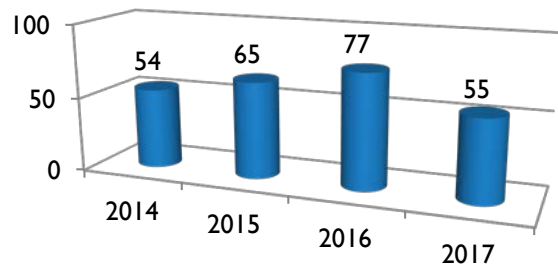


LPD historically looks towards innovative programs and initiatives, partnering with community stakeholders, to tackle issues facing the diverse populations we serve.

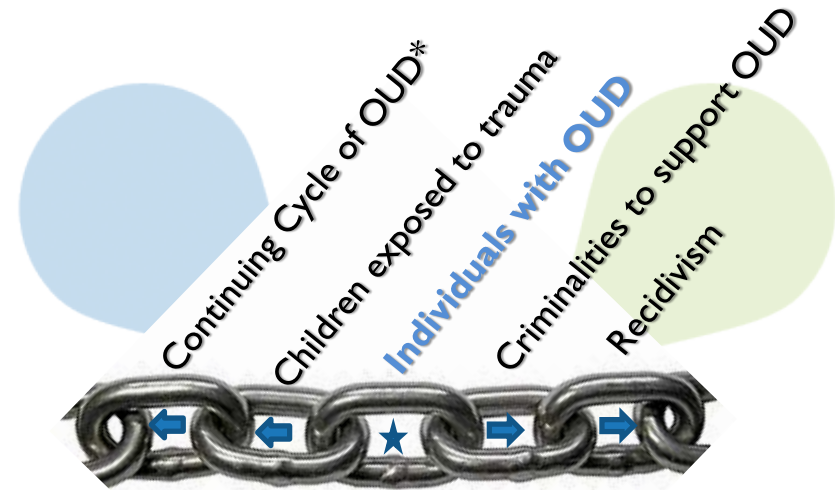
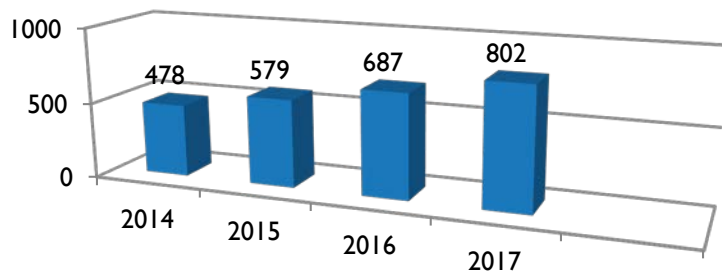


# Problem

## Fatal Opioid-Related Overdoses\*



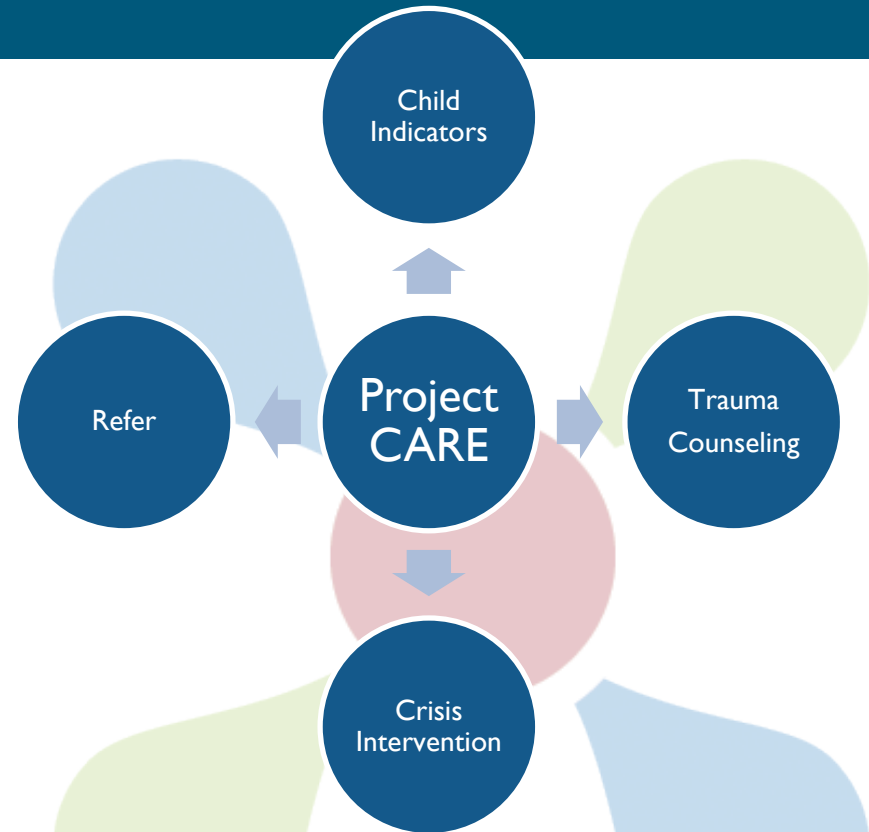
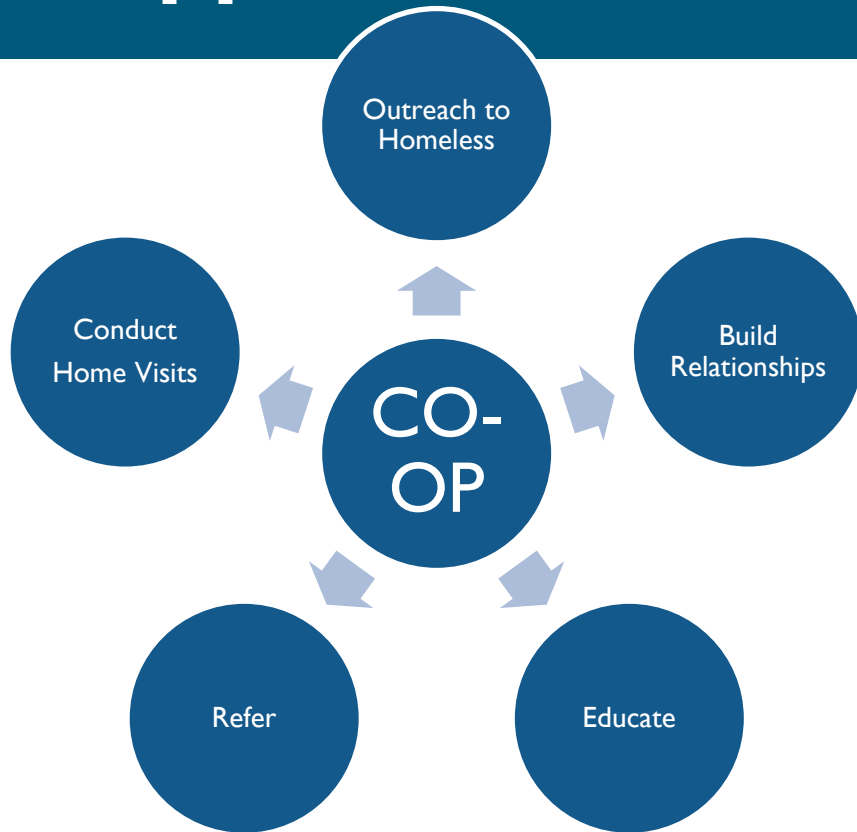
## Non-Fatal Opioid-Related Overdoses



Quality of Life Issues



# Approach



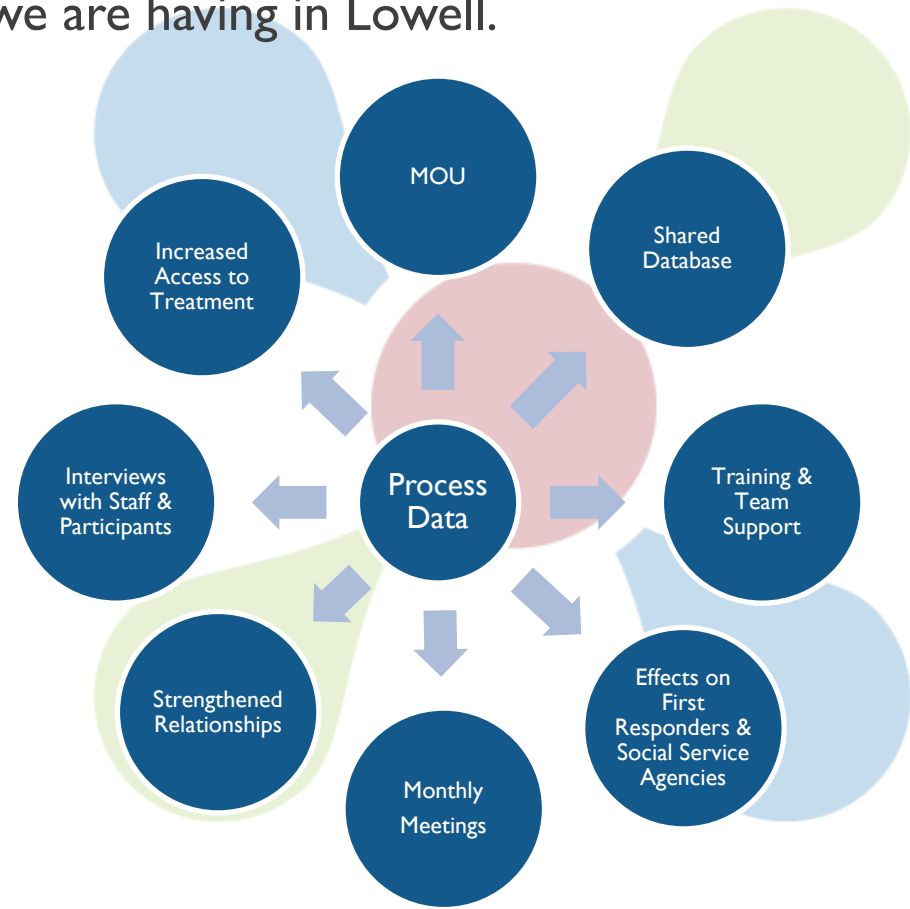
**Public Health**  
Prevent. Promote. Protect.  
Lowell Health and Human Services



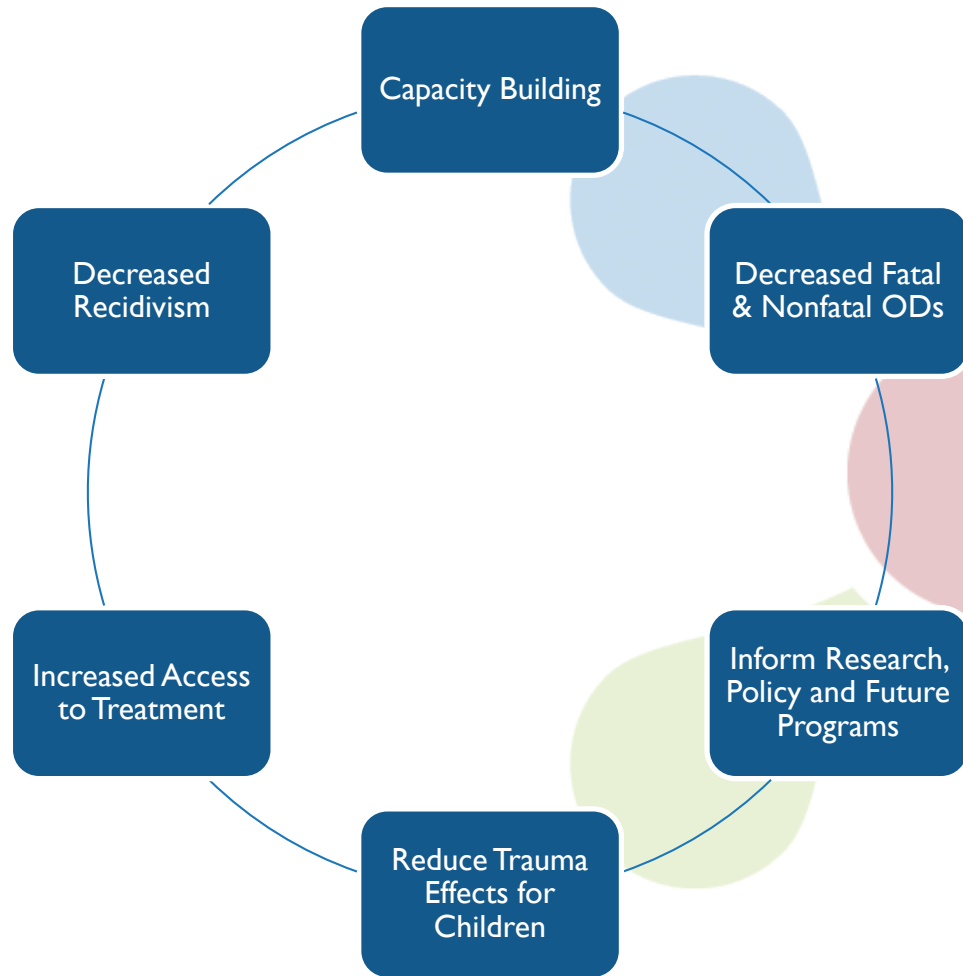


# Evaluation Plan

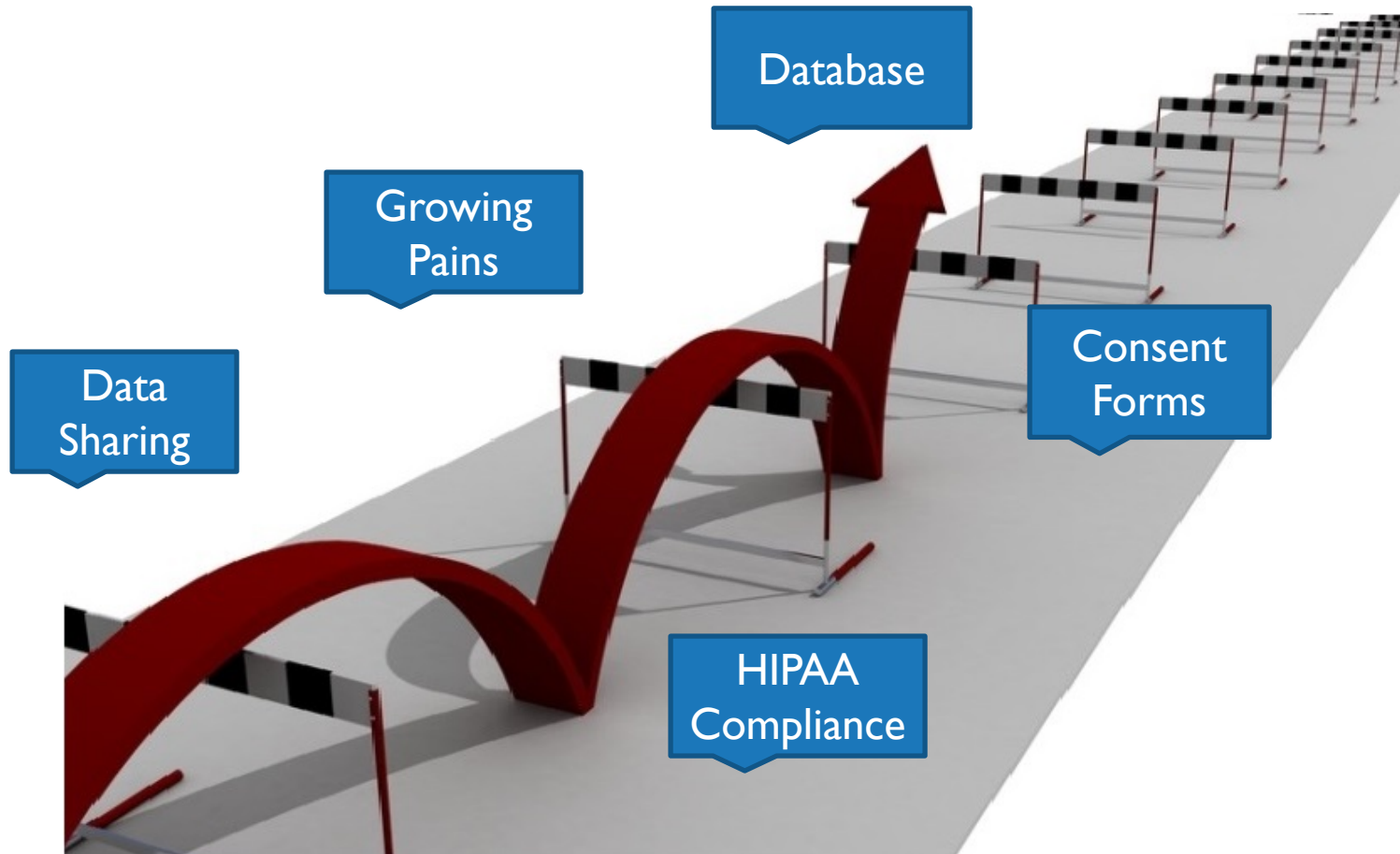
Research and Evaluation are the key to understanding the scope of the problem, processes, and what impact we are having in Lowell.



# Anticipated Results/Outcomes



# Lessons Learned





# Madison Addiction Recovery Initiative (MARI)



Joe Balles, SPI Project Coordinator  
Madison, Wisconsin Police Department  
July 18, 2018

# MARI Operations Team



Contracted to provide project evaluation



Provides technical assistance and project oversight



Contracted to provide project coordination



Provides technical assistance and assessment center contract management



Contracted to serve as the assessment center and supervise recovery coaches

# Other Collaborations



Dane County  
EMS Providers



Dane County Treatment Providers



WISCONSIN DEPARTMENT  
of HEALTH SERVICES



# Heroin and synthetic opioids

## How the opioid epidemic is changing in Dane County

**OPIOIDS** are natural or manufactured substances that reduce pain. There are many types of opioids, including prescription pain medications (such as oxycodone, hydrocodone, codeine, and others), heroin, and synthetic opioids (such as fentanyl and tramadol).

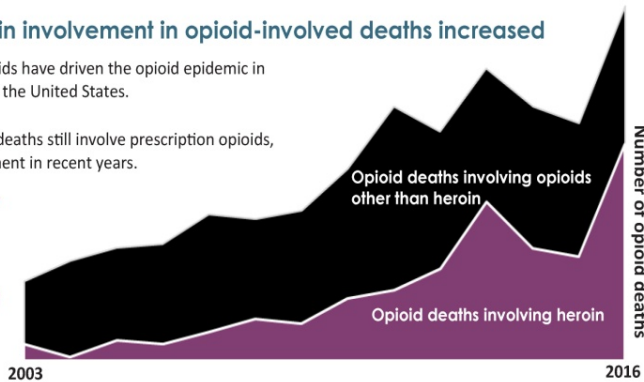
### In recent years, heroin involvement in opioid-involved deaths increased

Since 2003, prescription opioids have driven the opioid epidemic in Dane County, Wisconsin, and the United States.

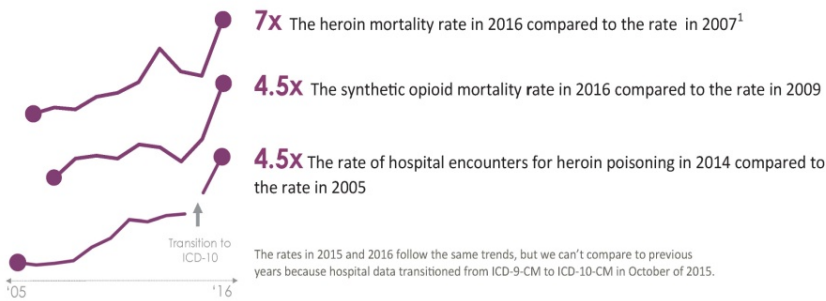
While the majority of opioid deaths still involve prescription opioids, we see more heroin involvement in recent years.

From 2003 to 2005, 1 in 7 opioid deaths involved heroin.

From 2014 to 2016, 1 in 2 opioid deaths involved heroin.



### Rates of heroin and synthetic opioid-involved deaths and hospital encounters continue to increase (encounters include inpatient stays and emergency department visits)



### In 2016, more than half of all opioid-involved hospital encounters and deaths involved heroin

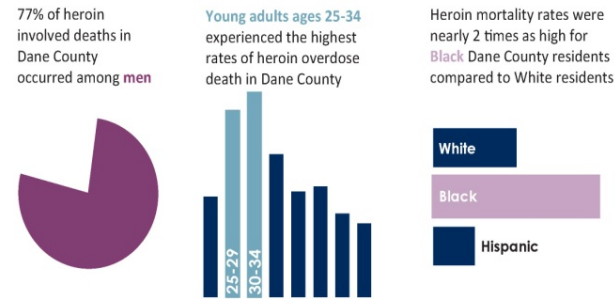
#### 2 in 5 opioid-involved deaths involved synthetic opioids.

Note: heroin and synthetic opioid involved deaths are not mutually exclusive. For example, a heroin-involved death may also have synthetic opioid or prescription opioid involvement.



### Some populations are impacted more by heroin and synthetic opioids than others

The disparities in synthetic opioid death rates are similar to the disparities for heroin death rates, though older adults also have higher synthetic opioid mortality rates compared to other age groups. Data for these figures are for 2012-2016



#### A note about racial disparities:

Higher death rates among Black Dane County residents cannot be explained by behavioral factors alone. National data show that drug use is similar for Black and White people.<sup>2</sup> Black individuals are more likely to face social and economic barriers that contribute to poor health outcomes, including opioid harm.

### Help is available for individuals impacted by heroin or synthetic opioids

#### Treatment and support is available.

##### Dane County Funded Treatment

Adult residents of Dane County seeking County funded residential substance use treatment are welcome at the weekly walk-in assessment clinic.

Location: 2914 Industrial Dr., Madison  
Phone: (608) 223-3300  
Hours: Most Mondays, arrive by 9am

##### Support Groups

Alcoholics Anonymous (608) 222-8989  
<http://mtg.area75.org/>

Narcotics Anonymous (608) 258-1747  
<http://www.badgerlandna.org/>

SMART Recovery (608) 520-0458  
<http://smartrecoverymadisonwi.org/>

Nar-Anon (for family/friends)  
<http://www.nar-anon.org/find-a-meeting/>

#### New, clean syringes can reduce the risk of infectious diseases such as Hepatitis and HIV. Naloxone/Narcan can reverse an opioid overdose.

##### Syringe Services

Sharing and reusing syringes can transmit disease. Syringe services provided without judgment can prevent transmission.

- New syringes & disposal of used syringes
- HIV and Hepatitis testing & Hepatitis A and B vaccines
- Other health referrals

##### Naloxone/Narcan

Medication to reverse an opioid overdose can be found at many pharmacies without a doctor's prescription.

Both Public Health & the AIDS Resource Center of Wisconsin (ARCW) provide Syringe Services & Naloxone:

**Public Health Madison & Dane County**  
Phone: (608) 266-4821  
Call for locations and hours

**ARCW**  
Phone: (608) 252-6540  
Phone: (800) 486-6276  
Call for locations and hours

#### Citations

1. All data presented in this data brief can be found in the Wisconsin Department of Health Services' Wisconsin Interactive Statistics on Health (WISH) Opioid Module. Available at: <https://www.dhs.wisconsin.gov/wish/opioid/index.htm>
2. Substance Abuse and Mental Health Services Administration. Results from the 2013 National Survey on Drug Use and Health: Summary of National Findings, NSDUH Series H-48, HHS Publication No. (SMA) 14-4863. Rockville, MD: Substance Abuse and Mental Health Services Administration, 2014.

# 2017 – 2018 MPD Overdose Data

- According to the MPD MARI Coordinator, MPD responded to 259 “Overdose” calls in 2017; 55% increase from 2016.
- For 2018, MPD has responded to 144 “Overdose” calls; 64 of these calls have been just in the months of May and June.
- MPD also advises they have investigated 16 overdose deaths in the City of Madison since May 1st, 2018.



# 2016 Madison Police Department Responses to Heroin Overdoses

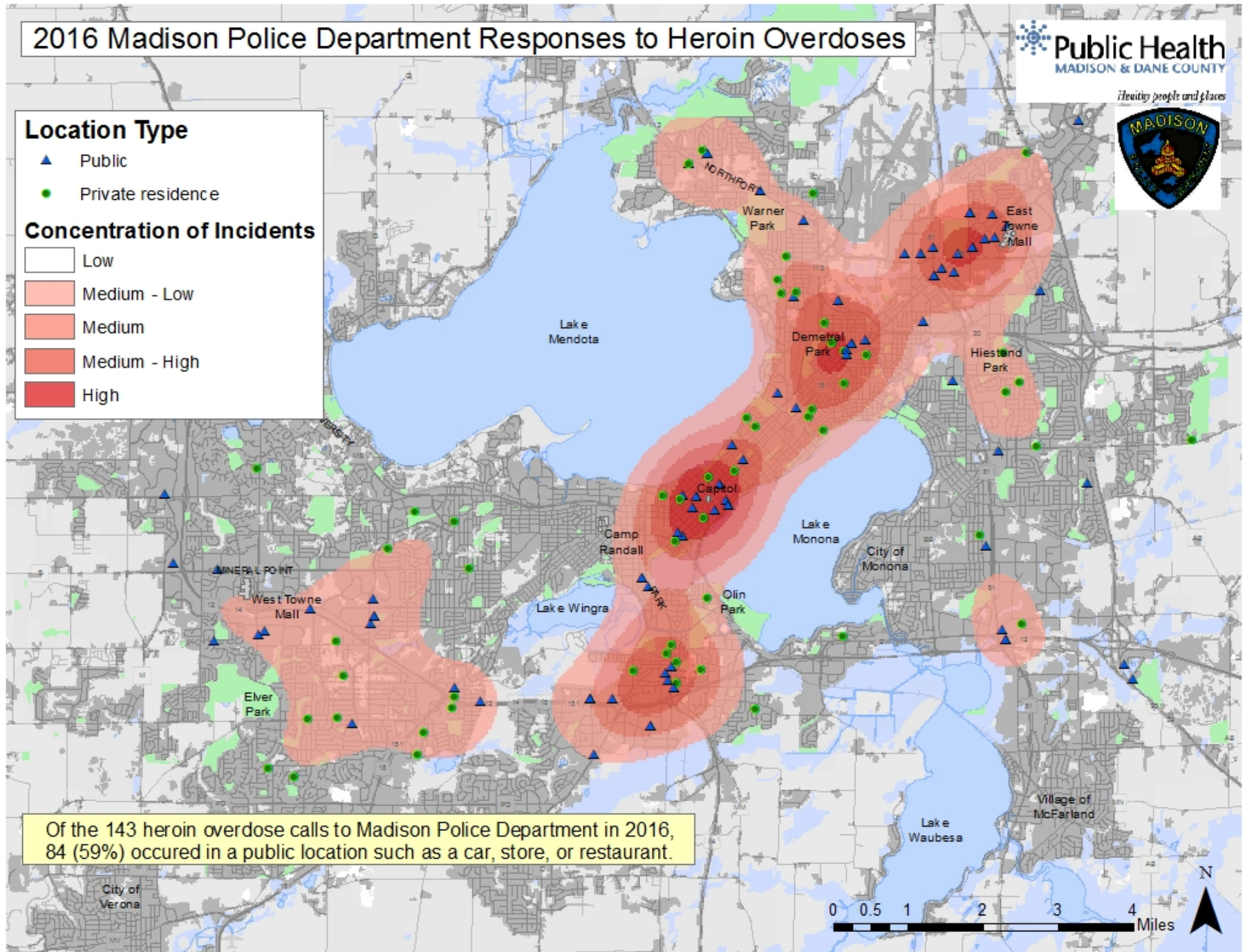


## Location Type

- ▲ Public
- Private residence

## Concentration of Incidents

- Low
- Medium - Low
- Medium
- Medium - High
- High



Of the 143 heroin overdose calls to Madison Police Department in 2016, 84 (59%) occurred in a public location such as a car, store, or restaurant.

# 2017 Madison Police Department Responses to Heroin Overdoses

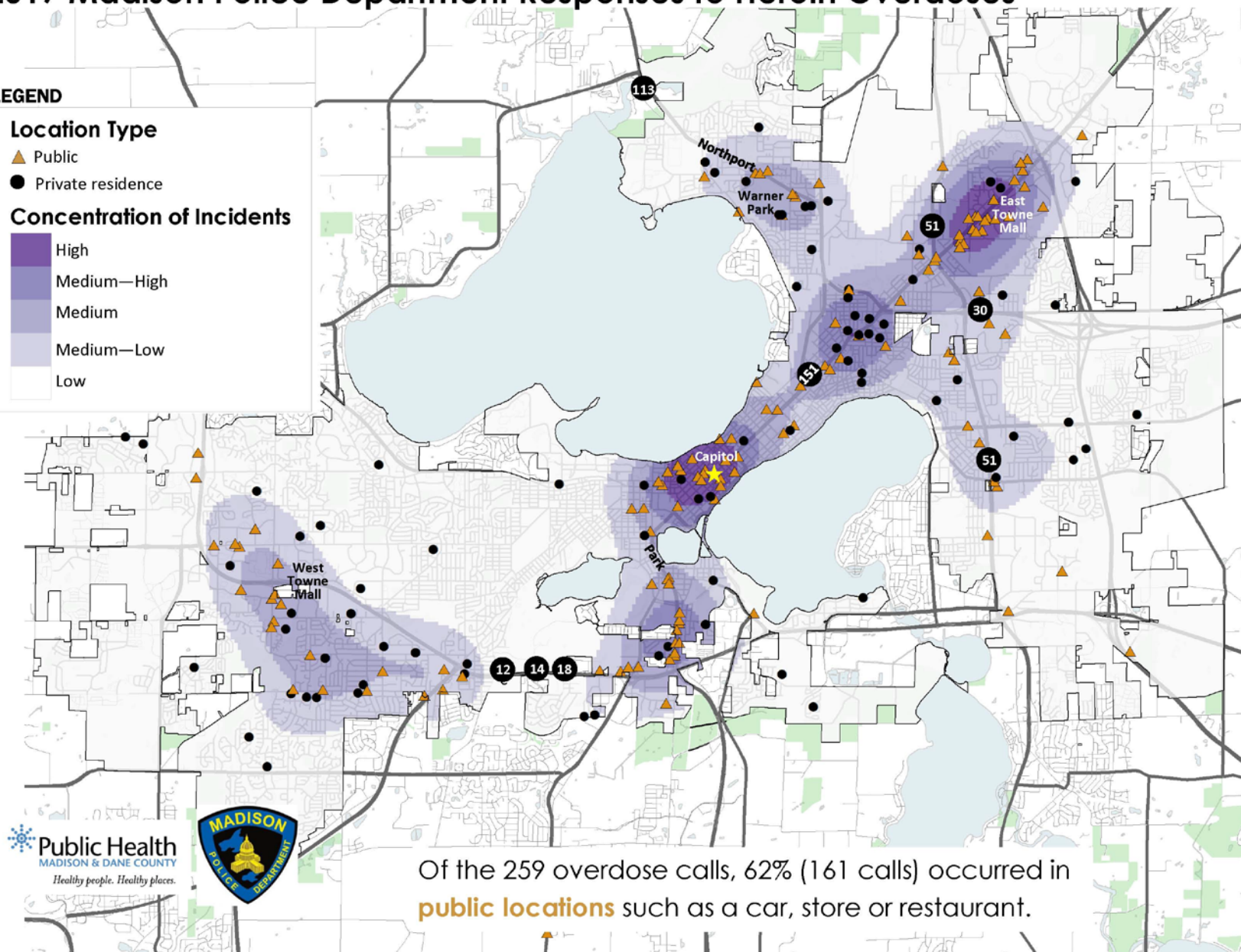
## LEGEND

### Location Type

- ▲ Public
- Private residence

### Concentration of Incidents

- High
- Medium—High
- Medium
- Medium—Low
- Low



# MARI Model

- MARI is based on successful initiatives in other cities that have resulted in reduced overdoses, substance abuse, and crime recidivism.
- Pre Arrest Diversion Program
  - If participant successfully completes, charges may never be filed, reducing the long-term impact of a criminal record on college applications, scholarship awards, employment, etc.





## CITY OF MADISON POLICE DEPARTMENT

CONNECTIONS  
COUNSELING LLC  
together we recover

## MADISON ADDICTION RECOVERY INITIATIVE

MARI CASE #	DATE OF OFFENSE
-------------	-----------------

## IF YOU ANSWER YES TO ALL, COMPLETE THE FORM AND ROUTE TO MPD MARI COORDINATOR

<input type="checkbox"/> YES <input type="checkbox"/> NO	The offense being considered is included in the MARI Eligible Offense List.*
<input type="checkbox"/> YES <input type="checkbox"/> NO	The offense is being committed in relation to the person's drug use / disease of addiction.
<input type="checkbox"/> YES <input type="checkbox"/> NO	Today's incident does not involve violence or threat of violence toward others.
<input type="checkbox"/> YES <input type="checkbox"/> NO	The subject is an adult.

NAME	DOB	GENDER	RACE
HEIGHT	WEIGHT	I-YES	HAIR
ADDRESS			
PHONE	EMAIL		

## ANSWER ALL 4 QUESTIONS

1. No history of violence in the last 3 years.	<input type="checkbox"/> ELIGIBLE	<input type="checkbox"/> NOT ELIGIBLE
2. Not actively on probation or parole.	<input type="checkbox"/> ELIGIBLE	<input type="checkbox"/> NOT ELIGIBLE
3. Either not currently on bail, or they are on bail for an Approved MARI Bail List offense*	<input type="checkbox"/> ELIGIBLE	<input type="checkbox"/> NOT ELIGIBLE
4. Has ties to Madison or Dane County	<input type="checkbox"/> ELIGIBLE	<input type="checkbox"/> NOT ELIGIBLE

If you selected "ELIGIBLE" for all four questions, did you offer a MARI referral?	<input type="checkbox"/> YES <input type="checkbox"/> NO
If not, why not?	
Did the person accept the MARI referral?	<input type="checkbox"/> YES <input type="checkbox"/> NO
Reason given, if any:	

## MARI LAW ENFORCEMENT REFERRAL ACCEPTANCE

I, \_\_\_\_\_, understand that I have been contacted by the Madison Police Department reference a violation of Wisconsin State Law or City of Madison Ordinance. I agree to be referred to the Madison Addiction Recovery Initiative (MARI) program in order to enter into treatment. I agree to go to meet with the Program Coordinator/Addiction Counselor as part of this referral. I understand because of my participation in the MARI program the Madison Police Department will not refer my current offense to prosecuting agencies at this time. If I successfully complete the six month program and commit no further offenses, the current offense will then be disregarded permanently. I understand that if I do not successfully complete the program, the Madison Police Department will refer the original charges to the Dane County District Attorney's Office or the Madison City Attorney's Office for prosecution.

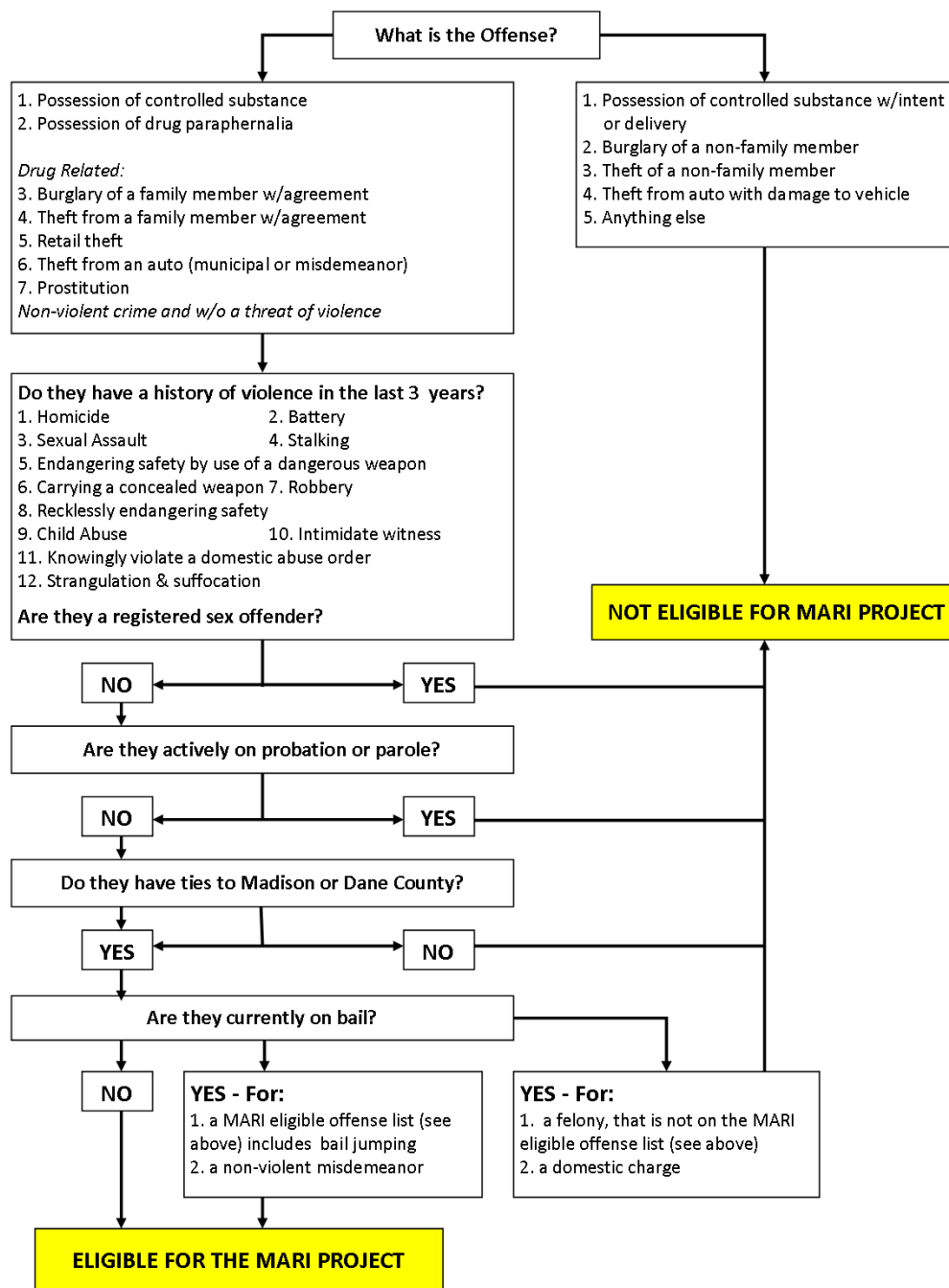
SIGNATURE OF PARTICIPANT	DATE
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## DISPOSITION

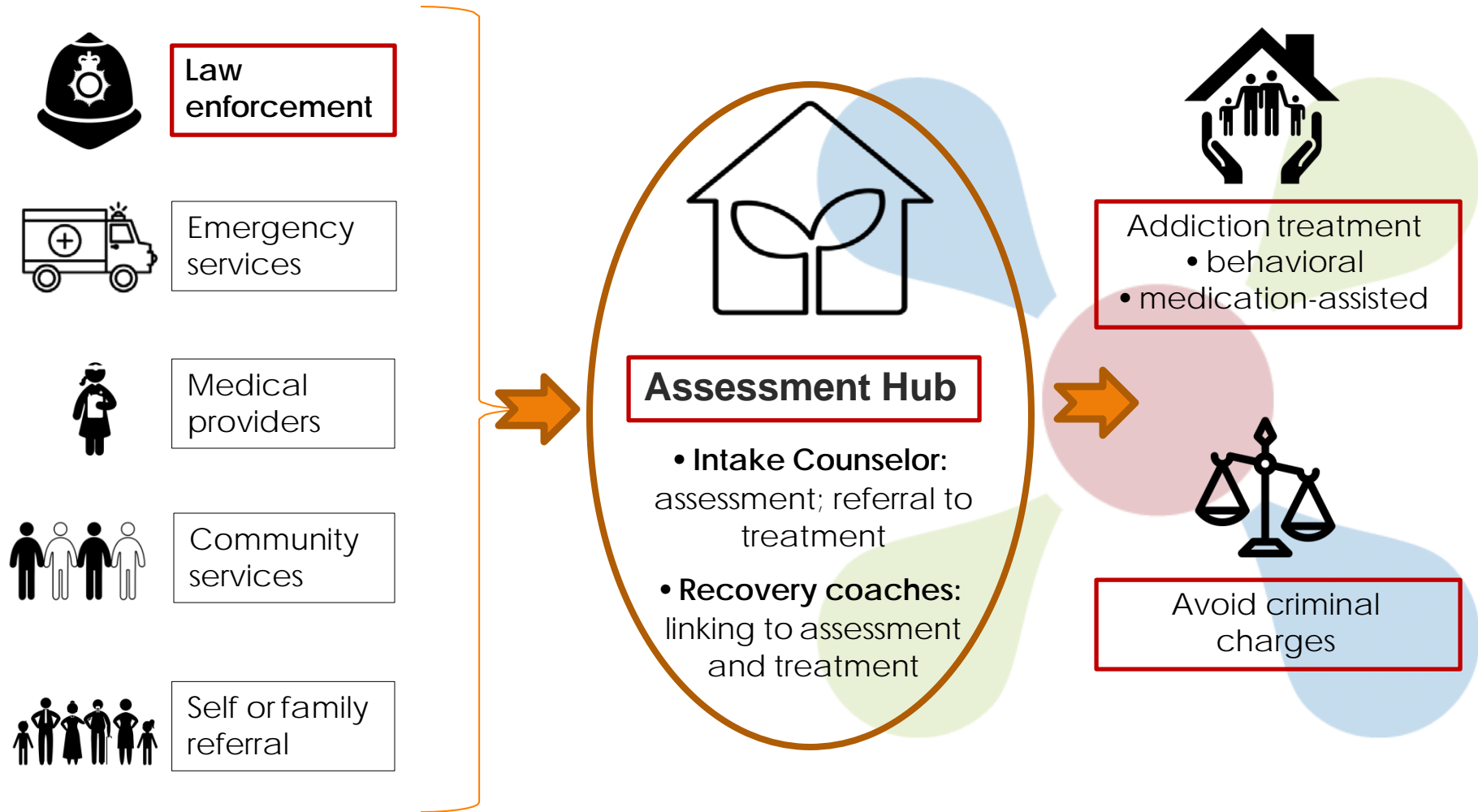
<input type="checkbox"/> Muni Cite & Release	<input type="checkbox"/> Misd Cite & Release	<input type="checkbox"/> Booked in PSB	<input type="checkbox"/> Release w/o Charge
OFFICER NAME	IBM	DATE COMPLETED	

## MARI LAW SELF REFERRAL: COMPLETE ONLY THE FOLLOWING FIELDS: CASE #, DATE, NAME, ADDRESS, PHONE, EMAIL, OFFICER NAME/IBM

On \_\_\_\_\_ at \_\_\_\_\_ I was contacted by \_\_\_\_\_ who expressed an interest in entering the Madison Addiction Recovery Initiative (MARI) program. I supplied him/her with the necessary MARI contact information. There was no violation of any Wisconsin Statutes or City of Madison Ordinances and there was no law enforcement investigation. This referral is not in relation to a violation of Wisconsin Statutes or City of Madison Ordinances or a law enforcement investigation. The person was provided the MARI information.



# MARI Participant Flow



# Success

- If the individual is compliant with treatment for 6 months after the offense, pending charges are withdrawn by LE.



# MARI Results: September 2017 – June 2018

- MPD officers made 120 MARI referrals.
- MPD MARI Coordinator screened out 53 of these referrals (e.g. P&P, not Dane County resident, non-eligible offense, self referral).
- 67 MARI referrals made to Connections Counseling by MPD.



# MARI Results: September 2017 – June 2018

- 28 MPD MARI referrals (42%) did not call Connections Counseling or declined the MARI assessment when contacted by CC.
- 39 MPD MARI referrals (58%) did contact Connections Counseling, were assigned a Recovery Coach, and completed an assessment.

# MARI Results: September 2017 – June 2018

- 14 of the 39 MPD MARI referrals (36%) who completed assessment and started into treatment were “Discharged Unsuccessful.”
- Currently, we have 14 MPD MARI clients active and compliant with their treatment plan according to Connections Counseling.
- I have successfully completed their six month MARI agreement with MPD.

# MARI Results: September 2017 – June 2018

- MPD MARI Coordinator recently reviewed 34 MARI referrals who either did not follow through with an assessment, or were discharged as unsuccessful:
  - The original charges on all 34 were referred to the District Attorney's Office.
  - 19 or 56% were charged out by the DA's Office, 15 cases were declined or not charged.

# Current MARI Meeting Discussion Topics

- Should our MARI referral eligibility criteria be changed and if so how?
  - Impact of Act 33 and immunity from charging?
  - DA's Office "proof beyond a reasonable doubt standard for referring overdose charges?"
- MARI Naloxone Initiative...
  - Wednesday, April 25th, 15 Recovery Coaches trained and issued Naloxone.
  - PHMDC "We Can All Save A Life" Video
    - <https://youtu.be/misAs9xKO8s>

# MARI Operations Team

- **Madison Police Department/Project Coordinator**
  - Officer Bernie Albright, [BAlbright@cityofmadison.com](mailto:BAlbright@cityofmadison.com)
- **UW Department of Madison Family Medicine**
  - Dr. Aleksandra Zgierska, [Aleksandra.Zgierska@fammed.wisc.edu](mailto:Aleksandra.Zgierska@fammed.wisc.edu)
- **Public Health Madison & Dane County**
  - Julia Olsen, [JOlsen@publichealthmdc.com](mailto:JOlsen@publichealthmdc.com)
  - Sarah Johnson, [SJohnson@publichealthmdc.com](mailto:SJohnson@publichealthmdc.com)
- **Dane County Department of Human Services**
  - Christine Taylor, [taylor.christine@countyofdane.com](mailto:taylor.christine@countyofdane.com)
- **Safe Communities/Project Coordinator**
  - Joe Balles, [Joseph.Balles@gmail.com](mailto:Joseph.Balles@gmail.com)
- **Connections Counseling, LLC**
  - Kim Hurd, [Kim.Hurd@connectionsounseling.com](mailto:Kim.Hurd@connectionsounseling.com)



# Conclusions on the Opioid Crisis

Hildy Saizow, SPI Subject Expert  
July 18, 2018





# Q & A

Please use the chat feature to submit questions for our panelists.

