

Community-Level Policing Initiative to Reduce Addiction-Related Harm, Including Crime

Aleksandra Zgierska, MD, PhD, DFASAM – Professor, Vice Chair of Research, Family and Community Medicine, Penn State College of Medicine

Captain Joe Balles (Retired), Safe Communities Madison-Dane County, Inc.

ASAM Virtual.2021



Disclosure Information

- ◆ **Dr. Aleksandra Zgierska, MD, PhD, DFASAM**
Professor, Vice Chair of Research,
Family and Community Medicine,
Penn State College of Medicine
 - ◆ “No Disclosures”
- ◆ **Presenter 2: Captain Joe Balles (Retired)**
Safe Communities Madison-Dane County, Inc.
 - ◆ “No Disclosures”



Learning Objectives

- ◆ Upon completion, participant will be able to demonstrate how the opioid crisis has impacted communities, such as Madison, WI, and how Police, EMS and Public Health data can help assess the community-level impact of the opioid crisis.
- ◆ Upon completion, participant will be able to describe how building relationships between the community stakeholders (police, public health, clinicians, researchers) can lead to a grant award and support the city-wide initiative.
- ◆ Upon completion, participant will be able to visualize how a multi-disciplinary project team developed, then implemented and is evaluating the city-wide harm reduction MARI initiative.

Background

- ◆ Treatment reduces addiction-related harms, including crime and overdose; yet only a minority of addiction-affected individuals receive it.
- ◆ Linking individuals who committed an addiction-related crime to treatment could improve outcomes.

Background

- ◆ Supported by the US Department of Justice Strategies for Policing Innovation (SPI) grant award (#2016-WY-BX-004), the City of Madison Police Department (MPD) developed and implemented the *Madison Addiction Recovery Initiative (MARI)*, in collaboration with academic partners and diverse stakeholder-partners to link individuals who committed ‘eligible,’ drug use-related crime to addiction treatment and peer support, and improve health outcomes and reduce crime recidivism.

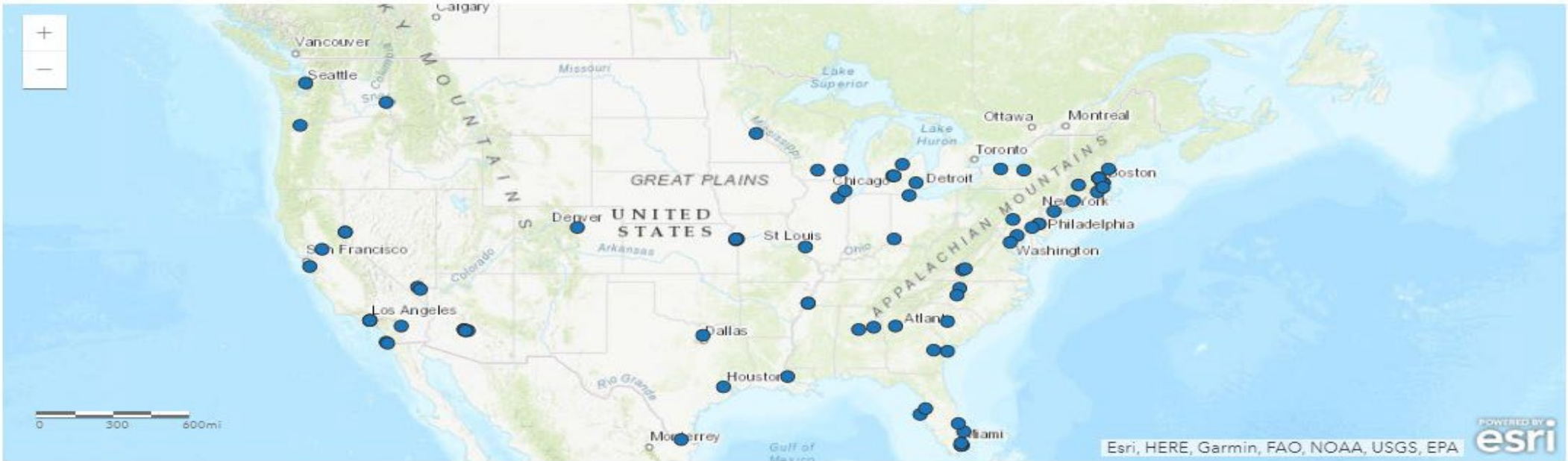
US DOJ SPI Program

[SPI Sites](#)[Training and Technical Assistance](#)[Resources](#)[About](#)[Events](#)[Contact Us](#)

SPI Sites

The Bureau of Justice Assistance (BJA), which is part of the Office of Justice Programs (OJP) in the U.S. Department of Justice (DOJ), launched the Strategies for Policing Innovation program in FY 2009 to help law enforcement agencies and researchers test evidence-based, data-driven law enforcement tactics and strategies that are effective, efficient, and economical. Sixty-five agencies and research partners have been funded by BJA for 83 SPI projects. An overview of all funded SPIs can be viewed [here](#).

The map below shows the distribution of SPI awards across the nation since 2009. For a quick snapshot of each SPI grantee, click on the marker on the map. You can use the tabs below the map to learn more details about each SPI grantee on the individual SPI site pages.



MARI Operations (Ops) Team



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

Project evaluation



PennState



Public Health
MADISON & DANE COUNTY

Technical assistance
and project oversight



Technical assistance,
assessment center
contract management

Safe Communities

MADISON-DANE COUNTY



BeSafe!

Project coordination



Clinical assessment
center, supervision of
recovery coaches

Additional MARI collaborators...



Dane County
DISTRICT ATTORNEY'S OFFICE

215 S. Hamilton St. # 3000 Madison, WI 53703-3297
Tel/TTY: (608) 266-4211 Fax: (608) 267-2545 Email: danecoda@da.wi.gov

WEA trust

City of Madison
CITY ATTORNEY



City of Madison
Fire Department



Dane County EMS Providers



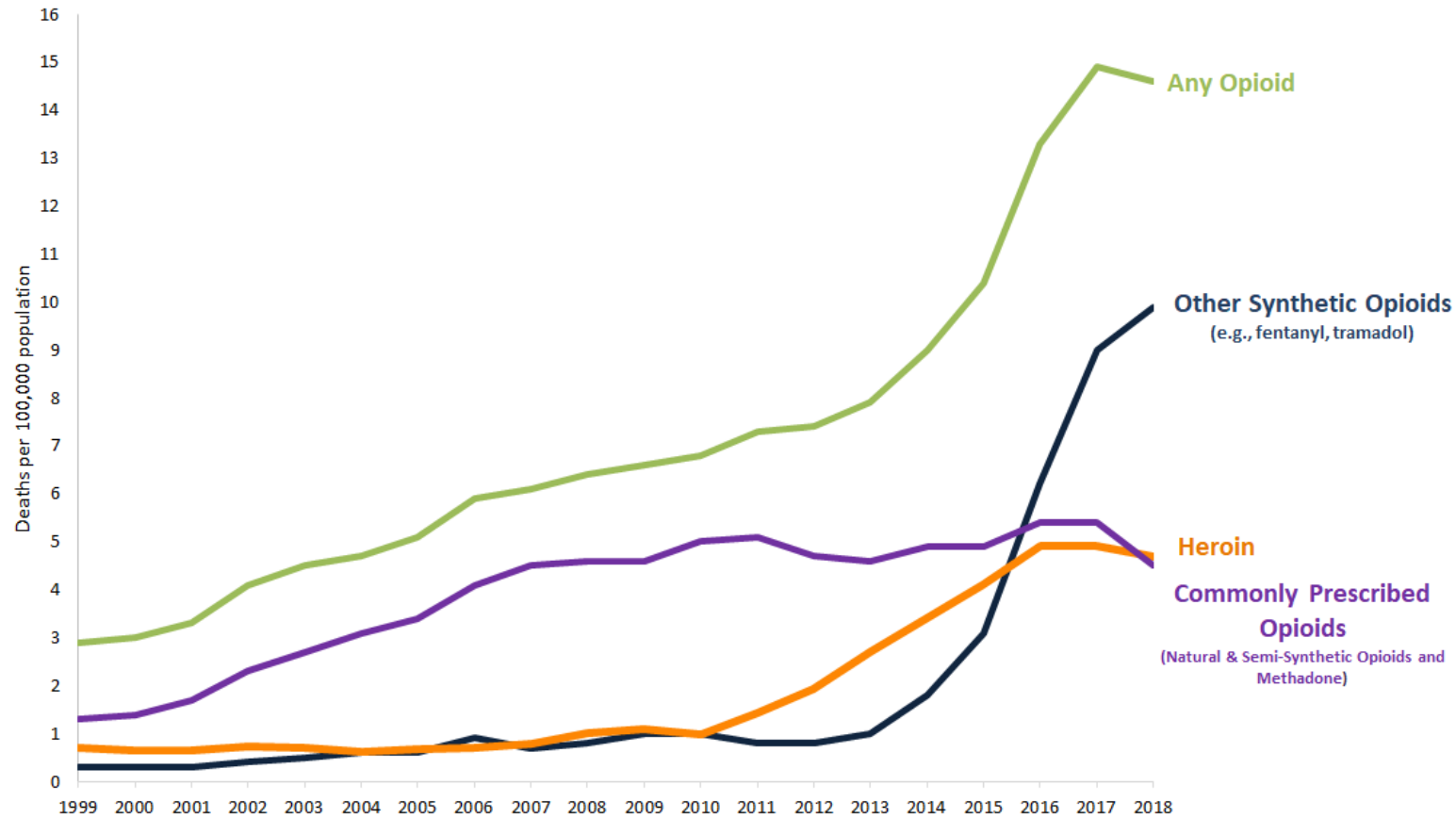
WISCONSIN DEPARTMENT
of HEALTH SERVICES



Dane County Treatment Providers

Opioid-related deaths across U.S.

Overdose Death Rates Involving Opioids, by Type, United States, 1999-2018



SOURCE: CDC/NCHS, National Vital Statistics System, Mortality. CDC WONDER, Atlanta, GA: US Department of Health and Human Services, CDC; 2020. <https://wonder.cdc.gov/>.

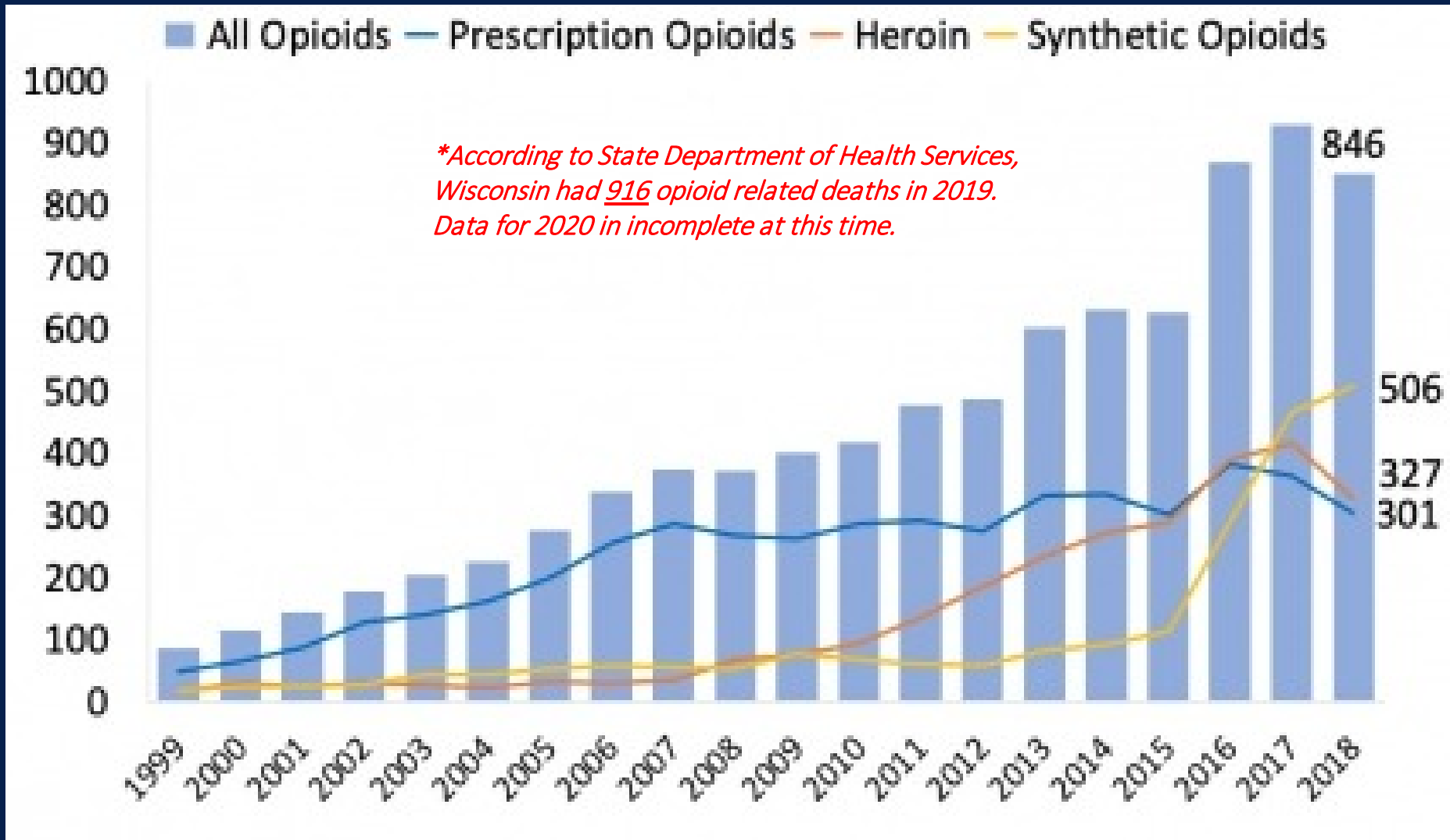
www.cdc.gov
Your Source for Credible Health Information

<https://www.cdc.gov/drugoverdose/data/analysis.html>

#ASAM2021

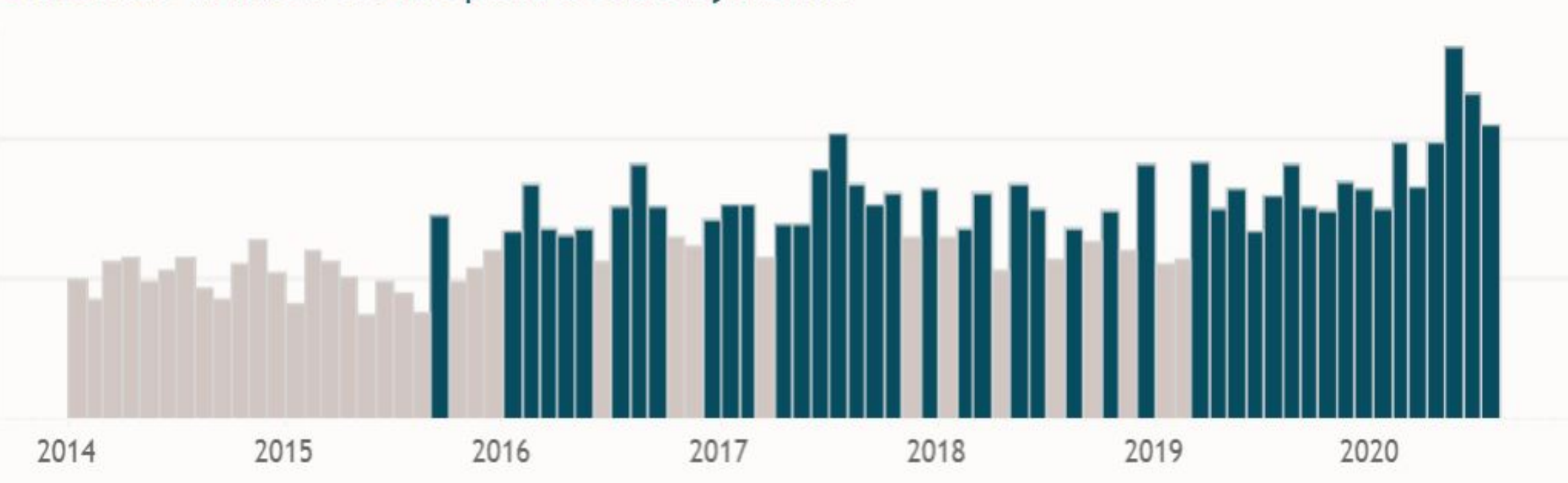


Wisconsin opioid related deaths



Wisconsin opioid-related deaths by month

Statewide Number of All Opioid Deaths by Month



Month Below Average | Above Average

Monthly Average N=59

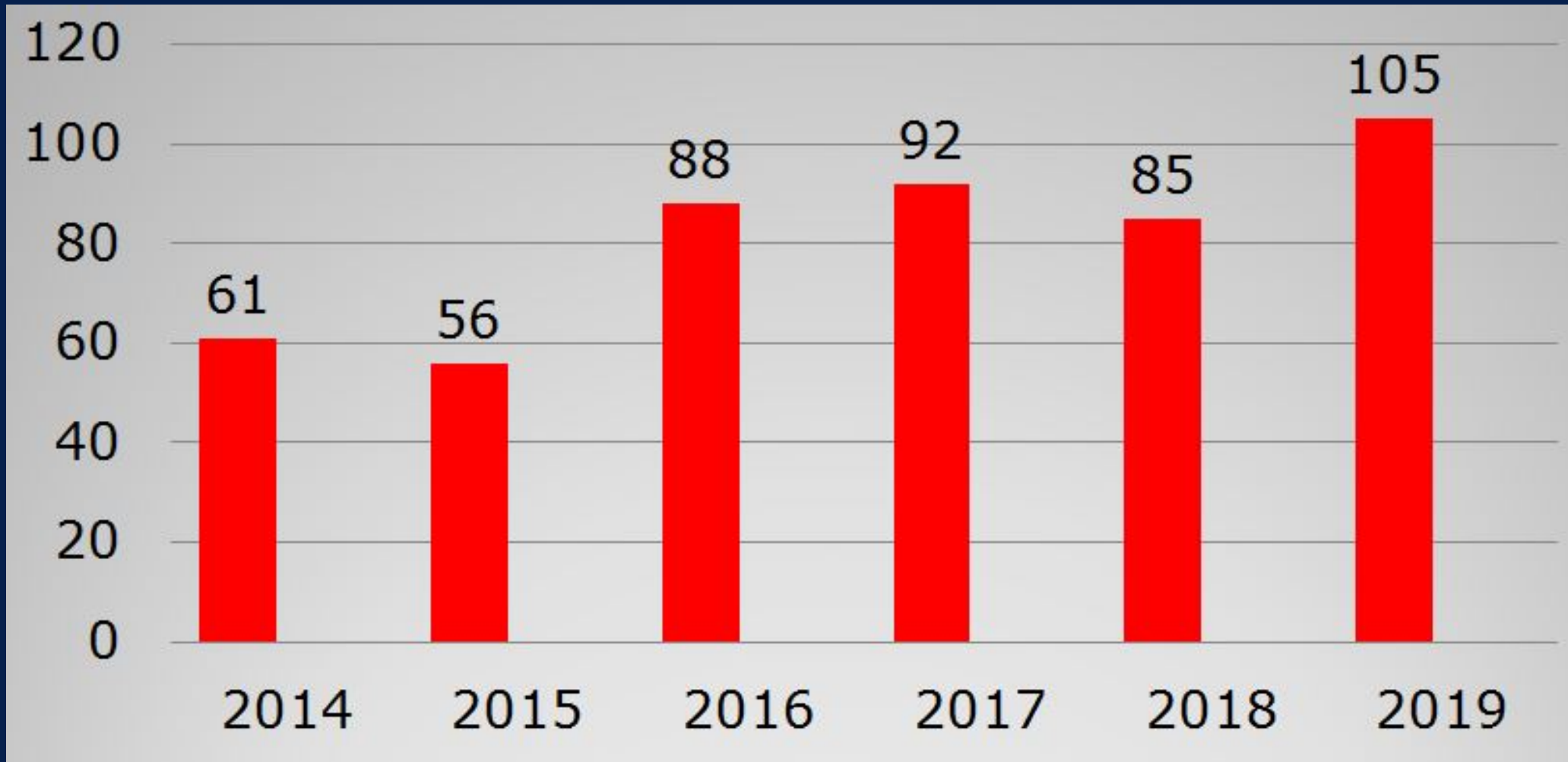
Recommended Citation: Wisconsin Department of Health Services. Data Direct, Opioid Death Module [web query]. Data last updated 3/4/2021 4:00:25 AM.



Wisconsin Department of Health Services. Data Direct, Opioid Death Module [web query]. Data last updated 3/4/2021 4:00:25 AM.

#ASAM2021

Dane County opioid-related deaths: 2014-2019



WI Department of Health Services, <https://www.dhs.wisconsin.gov/opioids/deaths-county.htm>

#ASAM2021



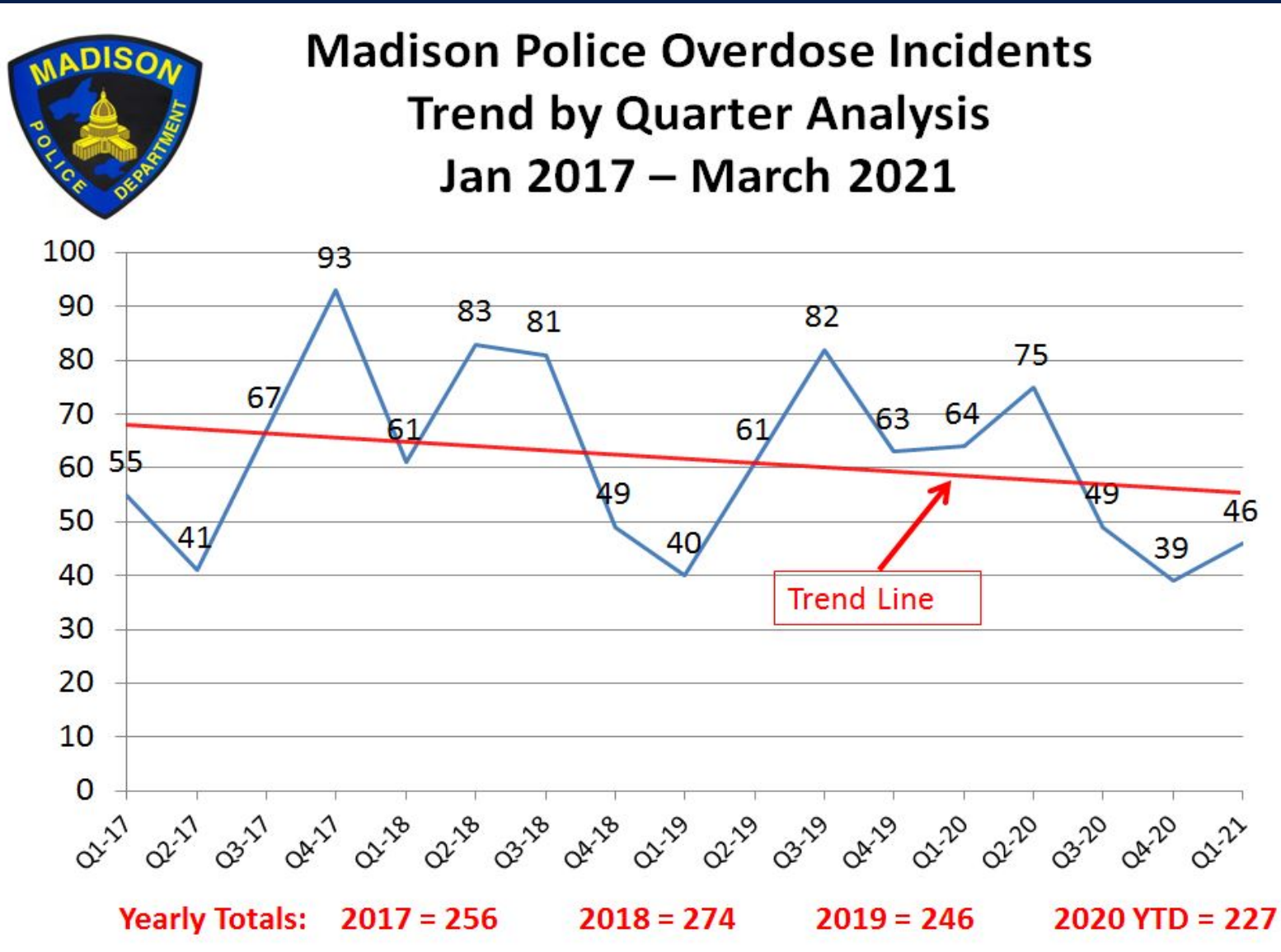
Dane County EMS Data: Suspected opioid-related overdoses

Figure 2. Dane County Suspected Opioid Overdoses by Month, YTD



Source: Office of Health Informatics, Wisconsin Department of Health Services
Data: Wisconsin Ambulance Run Data System (WARDS)

MPD overdose incident data

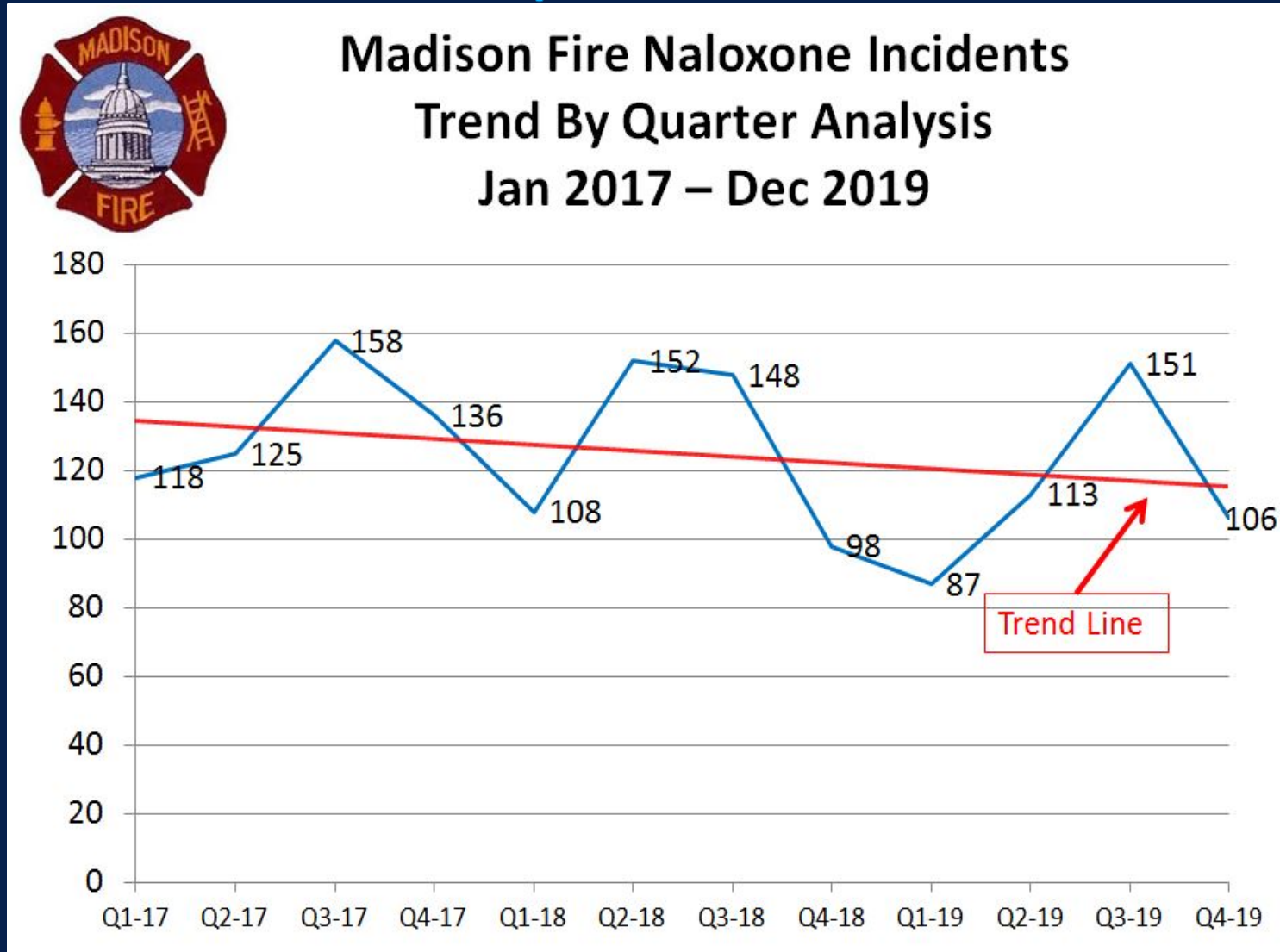


Source: City of Madison Police Department, Criminal Intelligence Section

#ASAM2021



Madison Fire Department overdose data

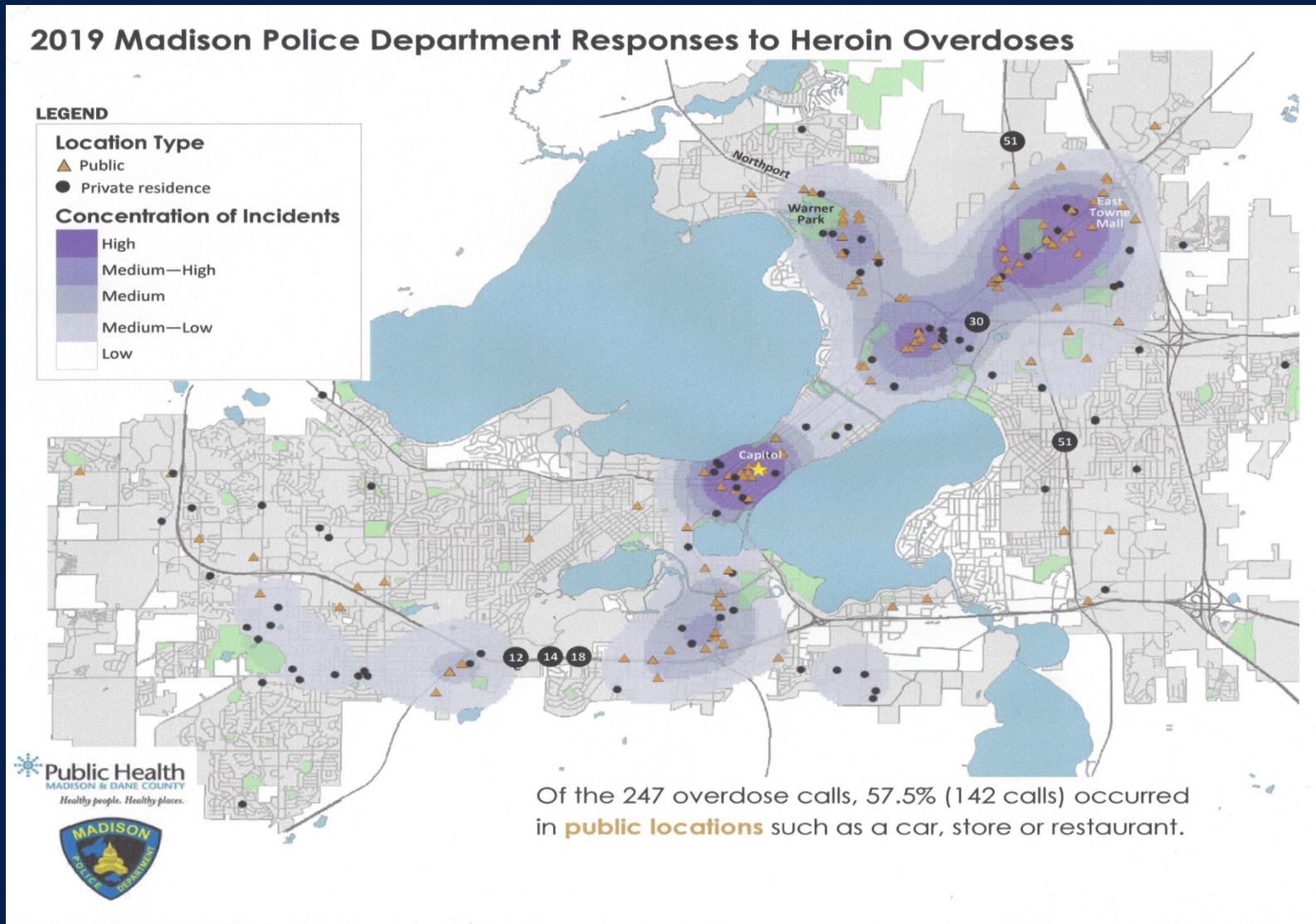


Source: City of Madison Fire Department EMS Unit

#ASAM2021



“Hotspot” analysis of overdose data by location



What is MARI?

- ◆ **MARI** is a *Pre Arrest Diversion Program* based on evidence-based initiatives in other cities, which have resulted in reduced overdose, crime & recidivism, and increased addiction treatment engagement.
- ◆ Adults are referred to **MARI** by law enforcement (LE) officers to the MARI Assessment Hub for formal, clinical assessment of their addiction & provided a treatment referral.

What defines success in MARI?

- ◆ If MARI participant remains compliant with their treatment plan and does not re-offend for SIX months after their initial offense date, all pending charges are withdrawn by LE.



MARI model



Crime: Law enforcement



Assessment

- **Counselor:** assess, refer to treatment
- **Recovery coach:** link to assessment and treatment



Addiction treatment



No criminal charges



Completed 6-month MARI: criminal charges are voided

MARI "Completer" Letter



Madison Police Department

Victor Wahl, Acting Chief of Police
City-County Building
211 S. Carroll St.
Madison, WI 53703
Phone: (608) 266-4022 | Fax: (608) 266-4855
madisonpolice.com

May XX, 2020

MARI PARTICIPANT
123, W Main Street
Madison, WI 53703

Dear PARTICIPANT,

It gives me great pleasure and pride to recognize your personal achievement in having successfully completed the Madison Area Recovery Initiative (MARI) program. Your personal commitment and journey demonstrates that recovery is possible and that community involvement and support can provide valuable tools to assist in that objective.

Recovery is a lifelong journey. You have demonstrated the ability to begin this challenge successfully and I wish you strength on the path forward. Although your involvement in the formal MARI program is ending, many community and self-help supports remain available to help you attain your long term-goals.

MARI is an innovative local partnership of the Madison Police Department, Safe Communities, Dane County Human Services, Connections Counseling and UW-Madison's Department of Family Medicine. Your successful participation reinforces my personal commitment and the resolve of these community organizations to provide meaningful support in helping individuals trying to break the cycle of addiction.

Please find enclosed the citation you were issued for the original incident (if one was issued). You are welcome to tear up the citation or keep it as an aid to your recovery.

Lastly, as you become stronger in your recovery, please consider whether there are ways for you to share your insights with others who continue to suffer from addiction.

Respectfully,

Victor Wahl
Acting Chief of Police

"Recovery is a lifelong journey. You have demonstrated the ability to begin this challenge successfully and I wish you strength on the path forward. Although your involvement in the MARI program is ending, many community and self-help supports remain available to help you attain your long term goals."

*Victor Wahl
Acting Chief of Police*



#ASAM2021

MARI arrest citation is held in abeyance

45056		WISCONSIN UNIFORM MISDEMEANOR CITATION								
Name - First			M.I.	Last		Address (Residence)	Post Office	State	Zip	
Birthdate	Sex	Race	Eyes	Hair	Weight	Height	Telephone Number ()			
YOU ARE HEREBY DIRECTED TO APPEAR IN THE CIRCUIT COURT FOR _____ COUNTY,						PLACE TO APPEAR				
For your initial appearance in connection with the violation of:						Location:				
Wis. Stats. Section			Time of Violation							
						WHEN TO APPEAR				
Place of Violation			Date of Violation		Date	Time	Rm. or Br.			
Describe Violation/State Facts:					Property and/or Other Persons Involved:					
<p>► Note: A summons or warrant may be issued for nonappearance.</p>										
I have received a copy of this citation.				Name of issuing officer (Print)			Department Telephone No.			
Signature of Person Cited				Signature			Date	Department		

GF-119, 9/84

DEFENDANT COPY



MARI referral form



CITY OF MADISON POLICE DEPARTMENT

CONNECTIONS
COUNSELING LLC
together we recover

MADISON ADDICTION RECOVERY INITIATIVE

MPD 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	EYES	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 _____

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.

WHITE COPY - REFERRED PERSON

PINK COPY - MPD

*SEE BACK OF FORM

211 S CARROLL ST MADISON WI 53703

www.madisonpolice.com

Rev. 08/23/2017-MARI.docx

MADISON ADDICTION RECOVERY INITIATIVE

CITY OF MADISON POLICE DEPARTMENT

MARI REFERRAL (THERE IS A CHARGE)

You have been contacted by the Madison Police Department in reference to an offense that involves or is related to addiction and have been identified as a person who may benefit from participating in the Madison Addiction Recovery Initiative (MARI) program. MARI assists people with addiction issues who have committed low level offenses by deferring criminal charges in place of treatment. The process is as follows:

- Officer has contact with you at the scene of the incident. During the investigation, the officer will speak to you and determine if you are eligible to participate in the MARI program.
- Once it is determined you may be eligible for the MARI program, you will need to sign this form before the referral can be made. The process of signing the form and the phone call to Connections Counseling needs to take place within 72 hours.

By signing this form, you have expressed your interest in obtaining treatment for your addiction in place of being charged criminally for the offense in which you were contacted by MPD.

- You must call Connections Counseling within 72 hours to set up an appointment to meet with their intake counselor. That number is (608) 233-2100 ext. 2017. **Failure to call and/or meet with Connections Counseling will result in this charge being referred to the District Attorney's Office or City Attorney's Office for prosecution.**
- Connections Counseling will then work with you in setting up your treatment plan and you will begin your journey to recovery and a fresh start!

Should you have any questions about the MARI process or any charges that may be deferred, please contact the Madison Police Department MARI Coordinator at (608) 261-8591.

SELF REFERRAL TO TREATMENT (NO CHARGES)

If you have questions about accessing treatment; please call Dane County Department Human Services 608-242-6437.

Should you have any questions about the MARI process, please contact the Madison Police Department MARI Coordinator at (608) 261-8591.



Acceptance of MARI enrollment

MARI LE 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:



MARI eligibility criteria

- ◆ Individuals are eligible for MARI if they are adults (18 years old or older), reside in Dane County, and committed an “eligible” non-violent, drug use-related crime.
- ◆ The offense-related eligibility criteria were finalized during the program development phase by the MARI Ops Team in collaboration with, and approval from, the County District Attorney’s and the City Attorney’s offices.

MARI eligibility criteria

Inclusion criteria (all need to be met)	Exclusion criteria (none can be met)
<ul style="list-style-type: none">• Individual is 18 years old or older;• Individual has ties to Madison or Dane County, WI (i.e., able to participate in the MARI program);• Offense was committed in the jurisdiction of, and handled by MPD, and associated with charges planned to be pressed by MPD; AND• Offense is drug use-related (crime related to alcohol use only is not eligible);• Offense is non-violent and without a threat of violence; AND• Offense falls into the category of “eligible” ones:<ul style="list-style-type: none">○ possession of narcotics / drugs or drug paraphernalia (for personal use, not for dealing), prostitution, retail theft, theft from auto without property damage, or burglary / theft from family members who are agreeable to not be pressing	<ul style="list-style-type: none">• Presence of valid arrest warrant enforceable in Dane County;• Being on bail for domestic charges or for offenses, which are not MARI eligible;• Being on probation or parole;• Presence of violent felony conviction within the past 3 years;• Being a registered sex offender;• Being deemed as presenting danger to the program staff;• Prior engagement in the MARI program (i.e., completion of the clinical assessment)

MARI Release of Information Form

1/30/2020

Form:MARI Program ROI, Patient:Test Test

**CONNECTIONS
COUNSELING LLC**
together we recover

Connections Counseling LLC
5005 University Ave, Ste 100, Madison, WI, 53705
Phone #: 608-233-2100, Fax #: 608-233-2101

MARI Program ROI

AUTHORIZATION OF DISCLOSURE OF MEDICAL INFORMATION

1. Patient Information

Name: **Test Test** Patient DOB: **2014-04-02**

2. Type of Information to be released is:

- Information needed to monitor your compliance to MARI program, your care plan of Connections staff and treatment providers
- Clinical assessment documentation including diagnoses, level of biosocial severity and function and received treatment type
- Verbal communication between Connections staff, MARI diversion partners named in section 4 below and your treatment provider including discussions regarding the above topics.

3. Records disclosed From/To:

Connections Counseling, LLC, 5005 University Ave, Ste 100, Madison, WI 53705

4. Records disclosed To/From multiple parties supporting MARI diversion program:

- Madison Police Department**, 211 S. Carroll St, Madison, WI 53703, ph: 608.255.2345
- Safe Communities**, P.O. Box 6652, Madison, WI 53716-0652 ph 608.441.3060
- Dane County Dept of Human Services**, 1202 Northport Dr, Madison, WI 53704 ph 608.242.6488

5. Purpose or need for disclosure.

MARI Recovery Diversion Program coordination, administration and compliance

6. Duration: This authorization will remain in effect for 1 year (365 days) from date of signature below unless revoked via written request. Revocation must be faxed or delivered via US mail to Connections Counseling LLC, Attn: MARI Medical Records, 5005 University Ave Ste 100, Madison, WI 53705 or fax 608.233.2101:

I understand that my mental health and/or alcohol/drug treatment records are protected under the federal regulations governing Confidentiality of Alcohol/Drug Abuse Patient Records, 42 C.F.R., Part 2, and the Health Insurance Portability and Accountability Act (HIPAA) of 1996, 45 C.F.R., Pts. 160 & 164, and cannot be disclosed without my written consent unless otherwise provided for in the regulations. This Disclosure Authorization is specifically intended to include any references to diagnoses, testing, and/or treatments, including, mental health services and alcohol/drug services. I also understand that I may revoke this consent in writing at any time except to the extent that action has been taken in reliance on it, including provision of health care services requiring subsequent disclosure to effect payment. Unauthorized re-disclosure by recipient is prohibited, but may be a potential risk. I understand that I do not have to sign this authorization in order to receive health care benefits, except for health care services necessary to create an assessment or report for disclosure to the recipient identified in this authorization. In any event, this authorization expires automatically as follows: 1 year from patient's authorization and signature or immediately after the patient's revocation of authorization.

Patient Signature:

Date :

https://doast.dr.coudentm.com/ehr/interface/main/main_screen.php?site=connections#?main=forms/newpatient/new.php?autoloaded=1&calenc=&nam..

2. Type of Information to be released is:

- Information needed to monitor your compliance to MARI program, your care plan and recommendations of Connections staff and treatment providers
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5. Purpose or need for disclosure.

MARI Recovery Diversion Program coordination, administration and compliance

#ASAM2021



MARI Implementation Process

- ◆ Planning phase (Oct 2016 – Aug 2017).
- ◆ Approved US DOJ BJA SPI Action Plan (Aug 2017).
- ◆ Spring In-Service MARI Training (Apr-Jun 2017).
 - ◆ *One hour MARI overview, presentation by person(s) with lived experience of addiction*
 - ◆ *One hour overview of MARI implementation.*
- ◆ MARI “Go Live” (Sept 1, 2017).
 - ◆ *Chief video & Briefing Training.*
- ◆ Ongoing evaluation process:
 - ◆ *Monthly MARI Operations Team meetings.*
 - ◆ *Weekly MARI Participant Referral meetings.*
- ◆ MPD officer survey (May-Jun 2018, Jul-Aug 2020).
- ◆ Process improvements & re-training (Sept 2018).
- ◆ Preliminary & formative evaluation results throughout

Overview of MARI referrals

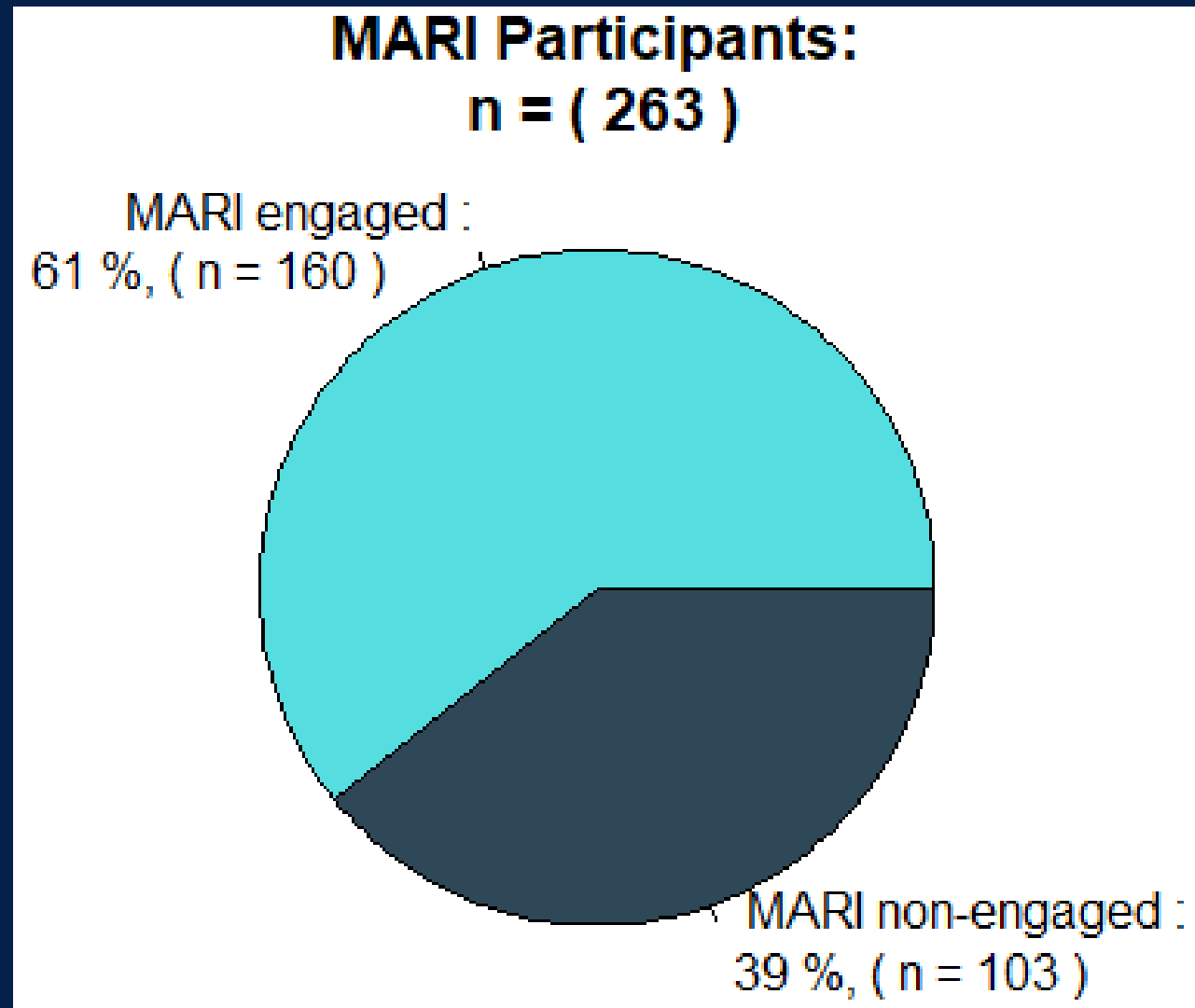
(Enrollment Period: September 2017 – August 2020)

- ◆ **349** MARI referrals made by MPD police officers; (20 of the referrals were from Dane County Sherriff's Office).
 - ◆ 20 duplicate or multiple referrals for same person.
 - ◆ 66 MARI referrals ruled “not eligible” upon review.
- ◆ **263** “eligible” MARI participants were referred by MPD to the Assessment Hub.

Overview of MARI participation

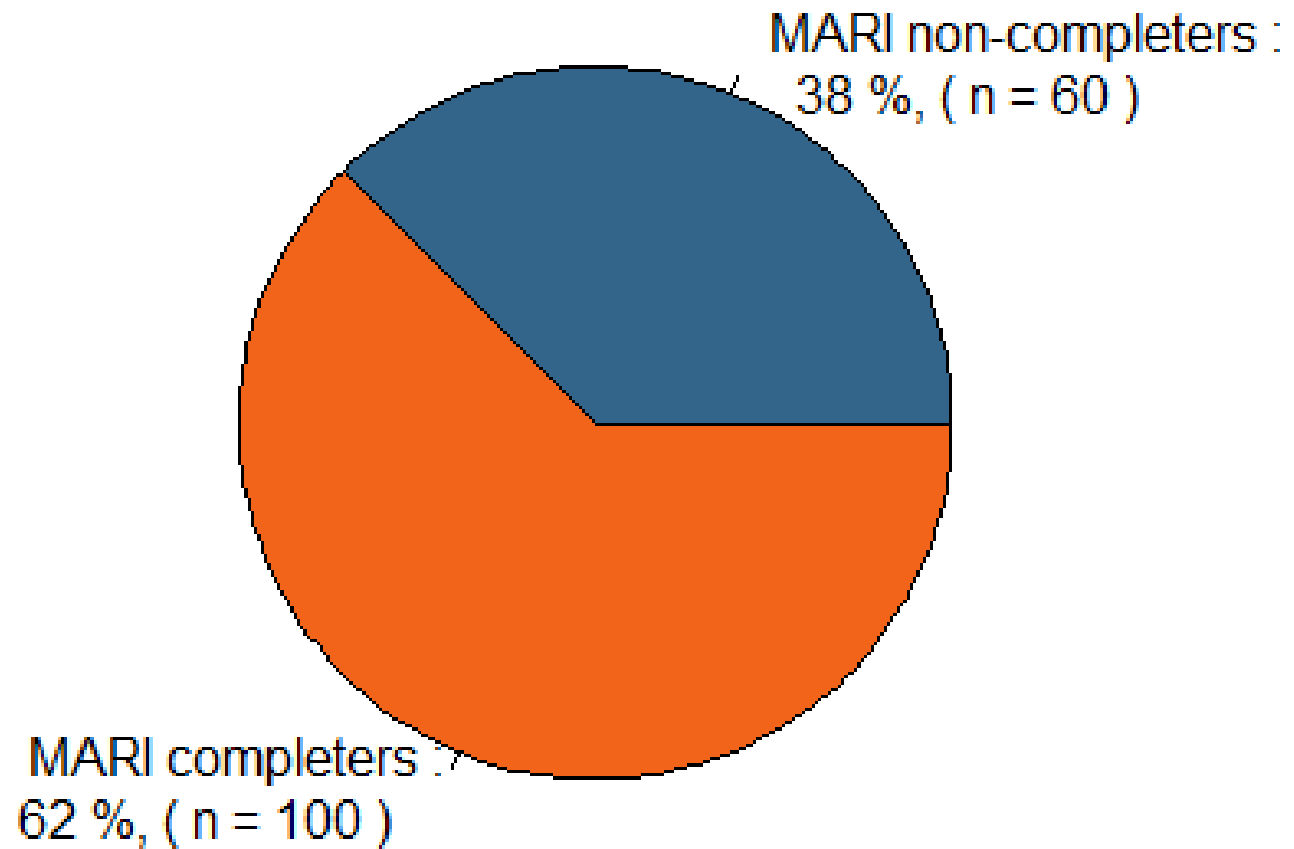
- ◆ **263** referred eligible MARI participants (*“MARI Participant Group”*)
 - ◆ **103** were referred but did not contact the Assessment Hub or engage in MARI program (*“NON-ENGAGED group”*)
 - ◆ **160** started MARI (contacted Assessment Hub, assigned peer support, completed assessment, received treatment plan)
 - ◆ **100** completed the SIX month MARI program (*“COMPLETER group”*)
 - ◆ **60** started MARI, but did not complete the program (*“NON-COMPLETER group”*)

MARI participation breakdown

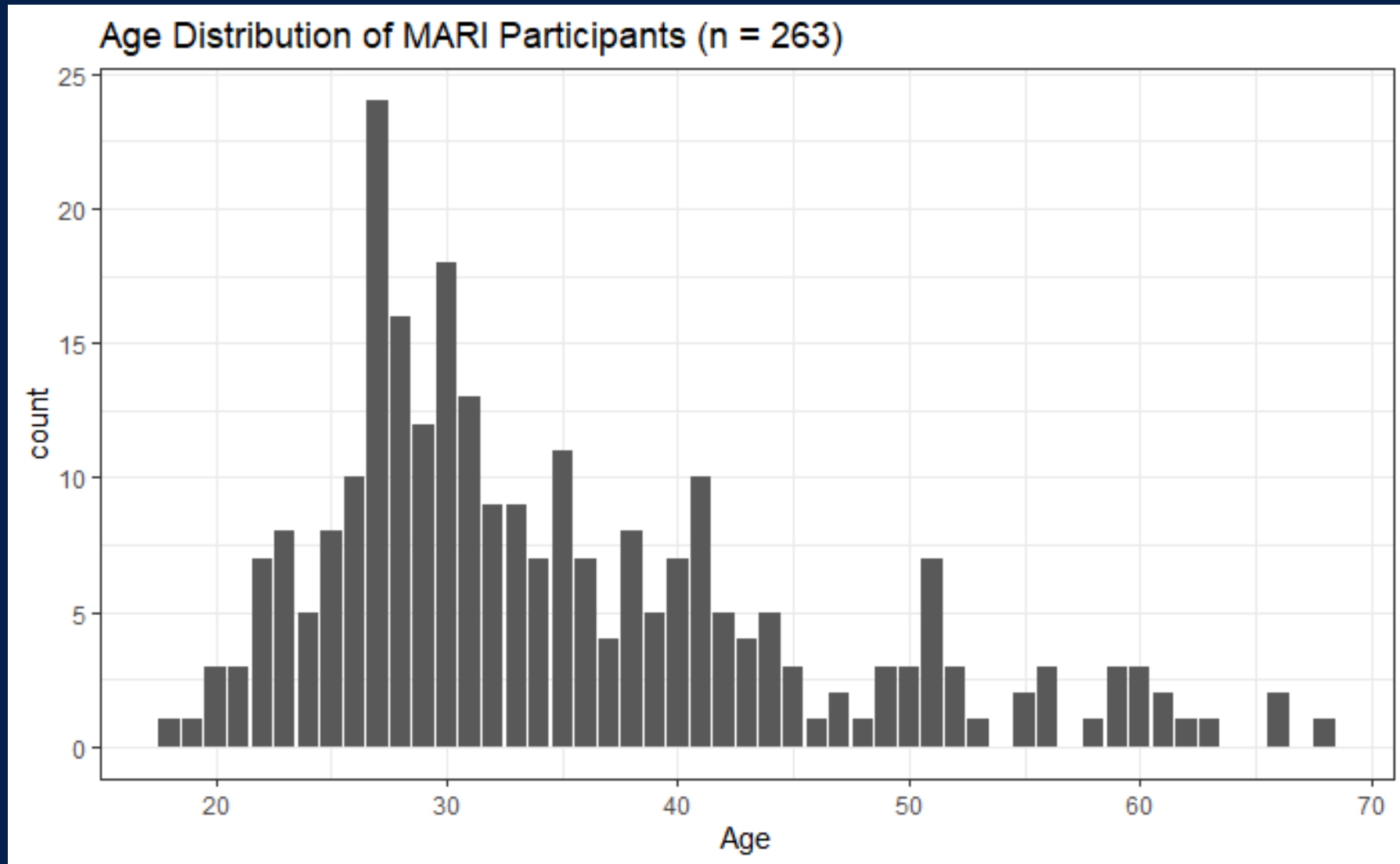


MARI completion breakdown

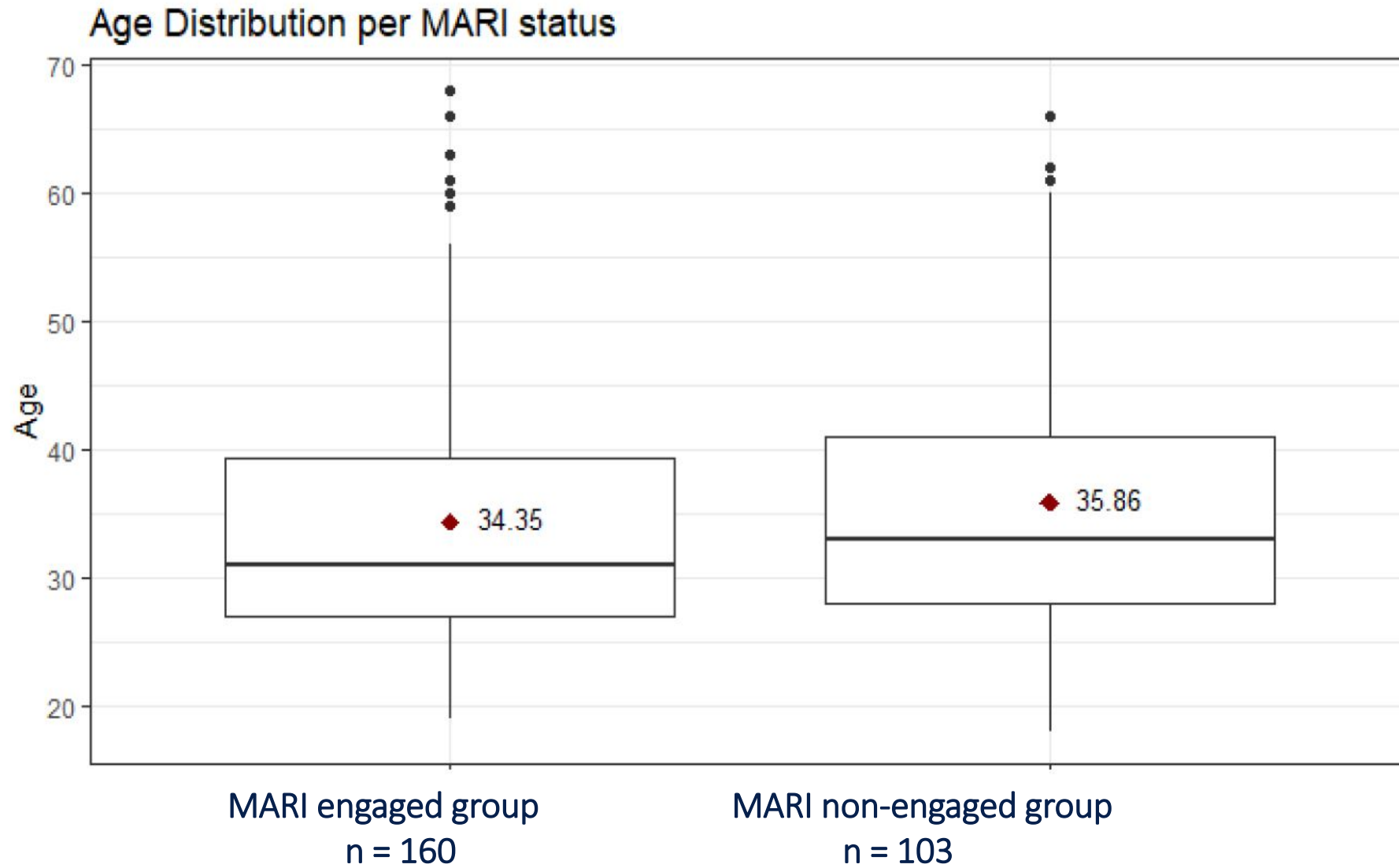
MARI Engaged Completion



MARI participant age breakdown

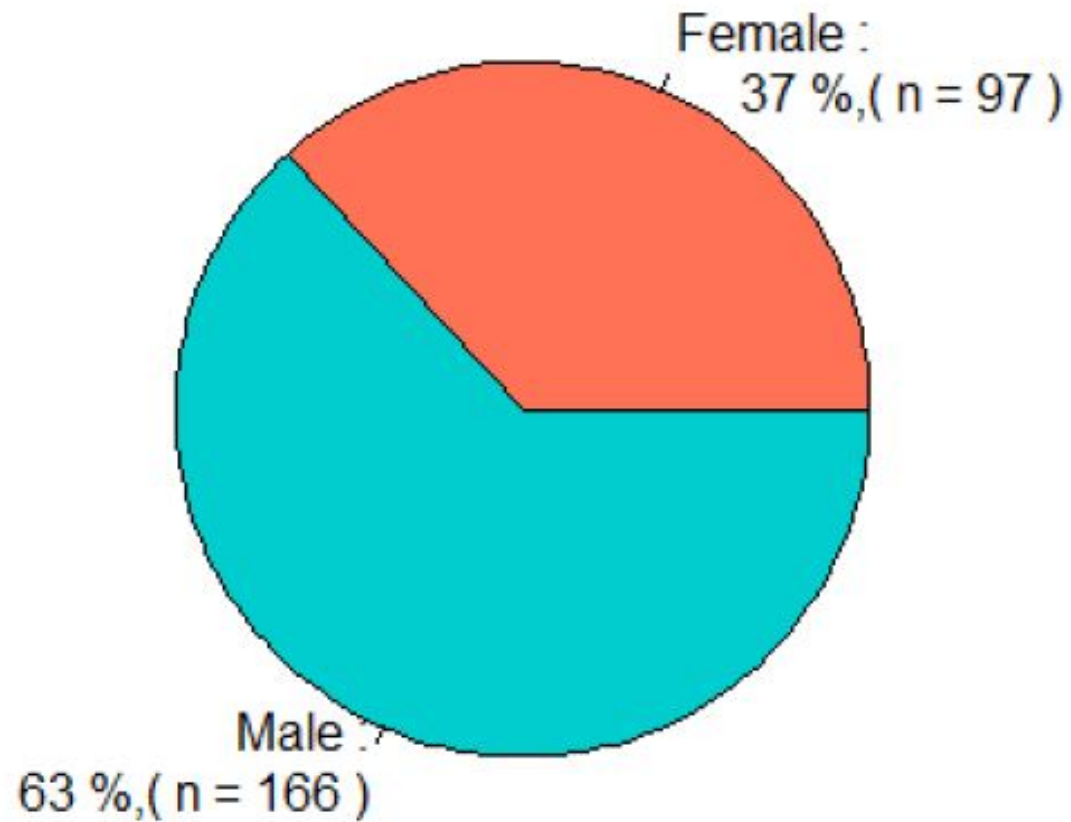


MARI age by participation

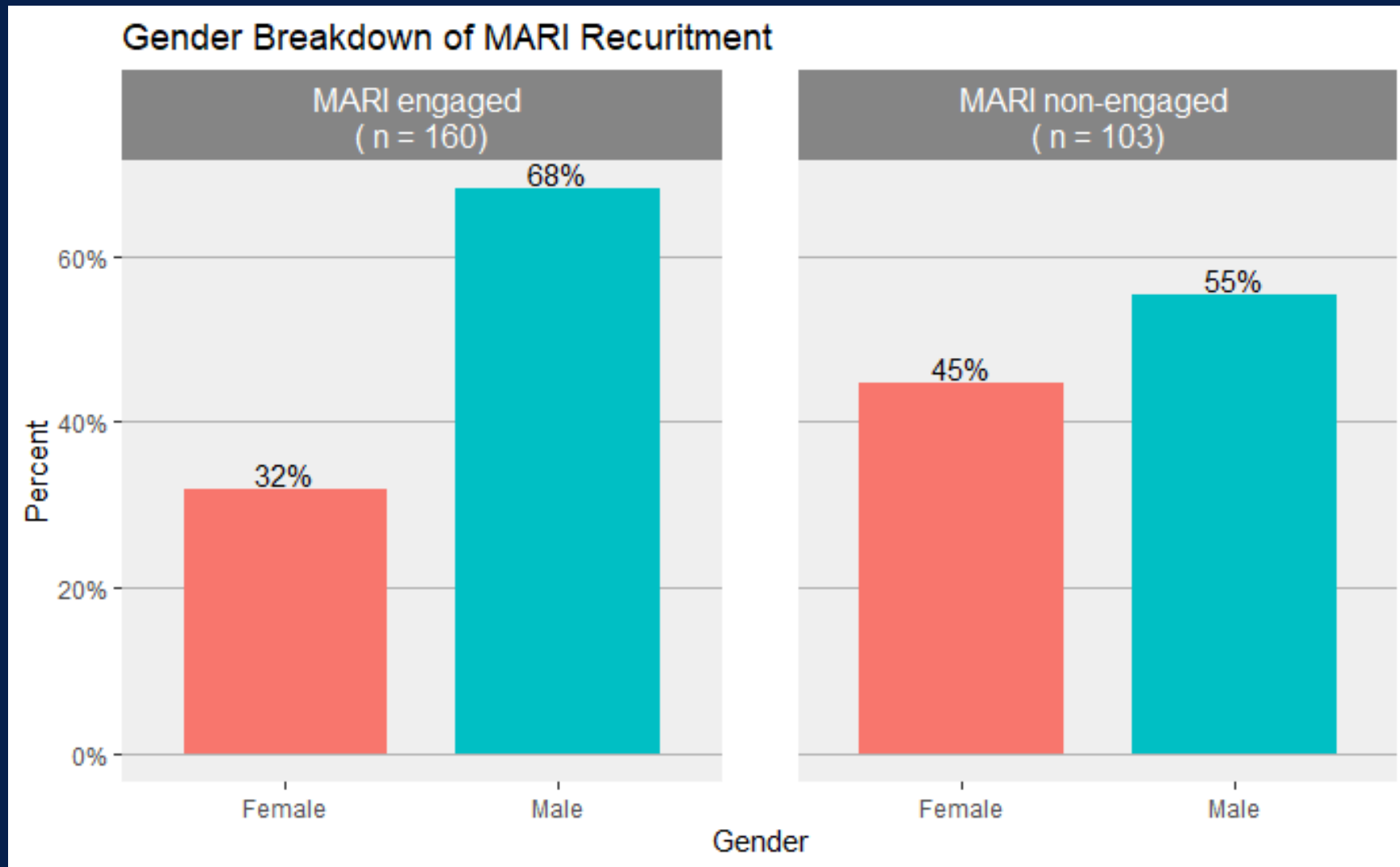


MARI gender breakdown

Gender Distribution of Referred Individuals

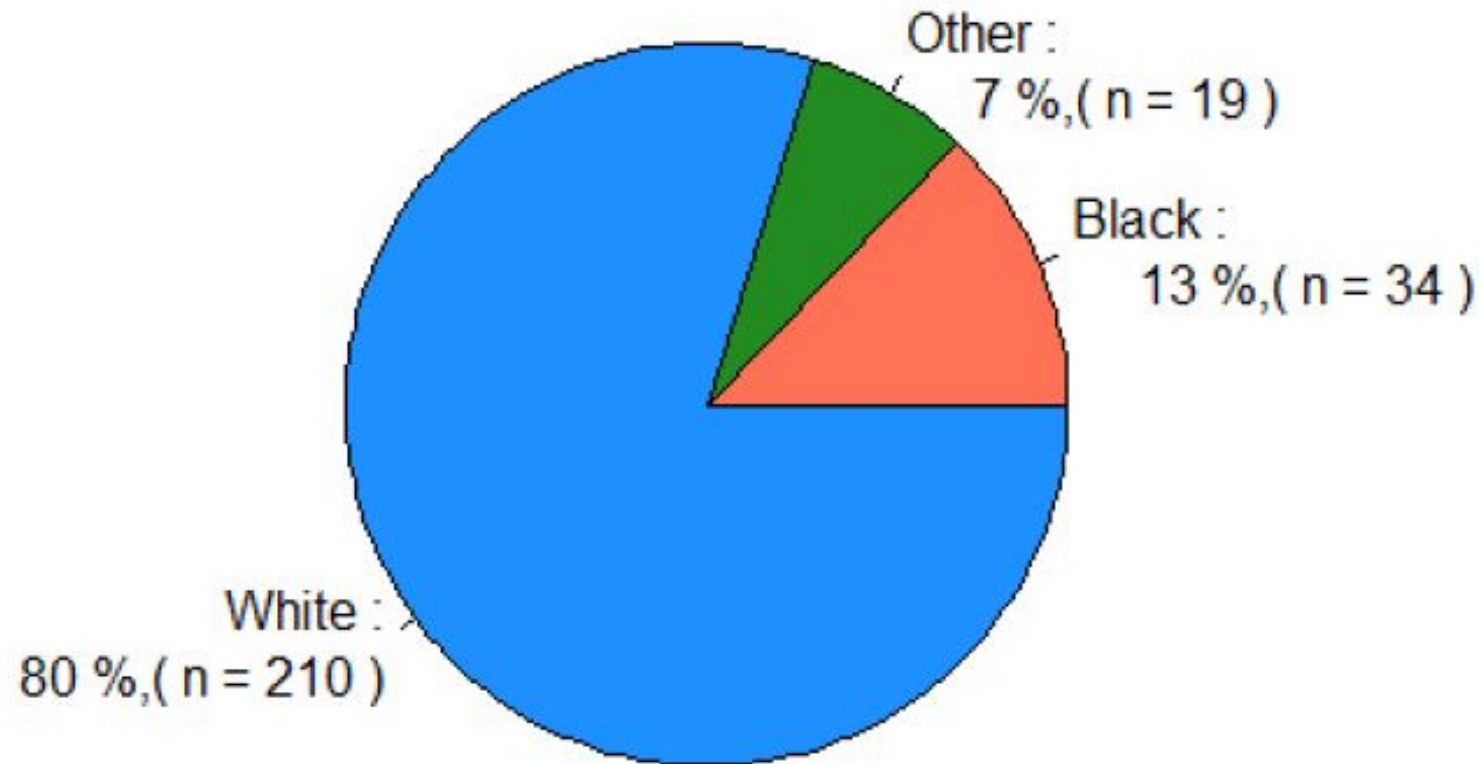


MARI gender by participation



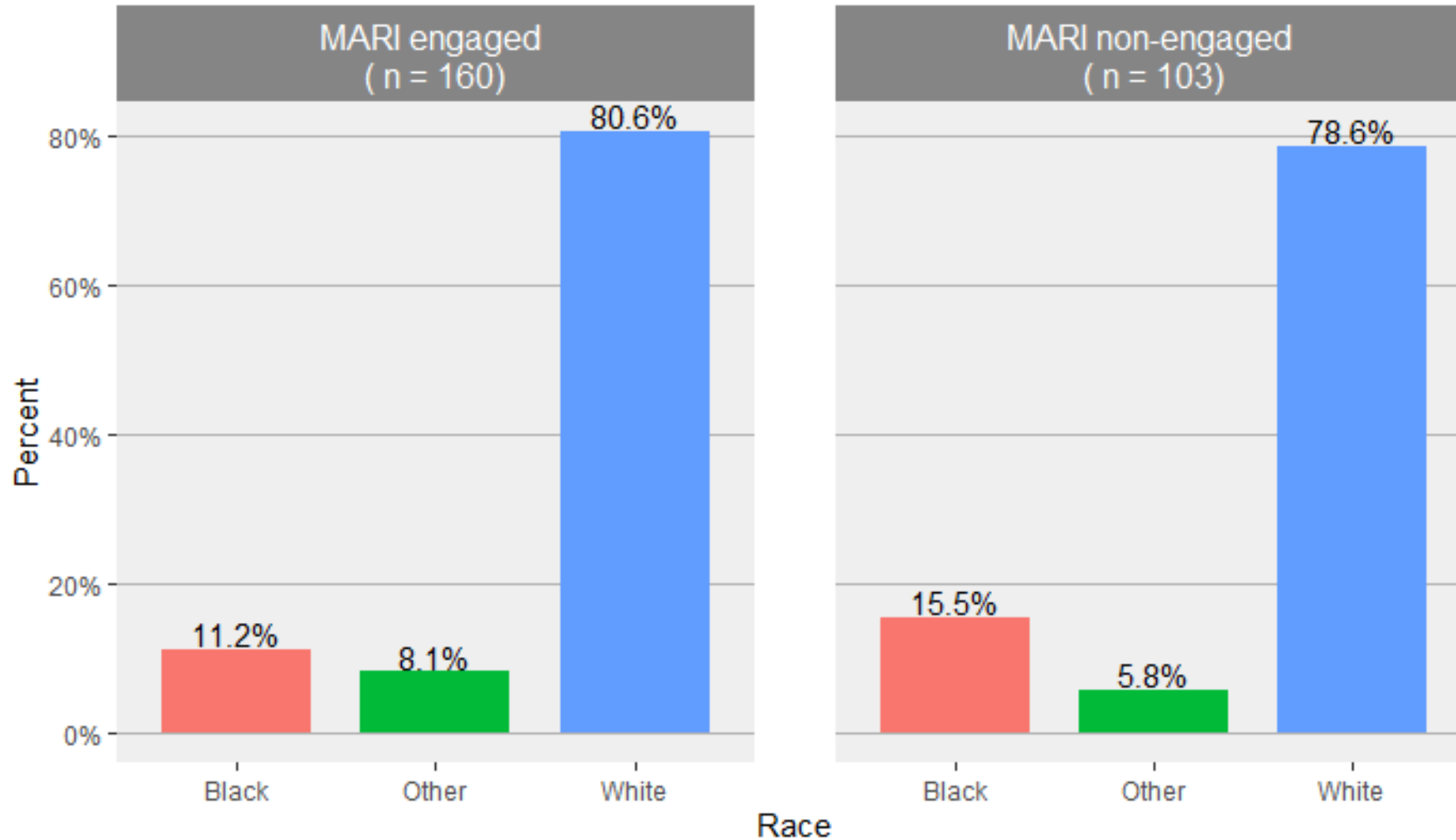
MARI race breakdown

**Race Distribution
of Eligible Individuals**



MARI race by engagement

Race Breakdown of MARI Recruitment



MARI Evaluation

- ◆ **MARI preliminary evaluation analysis:**
 - ◆ Total MARI participants - N = 263
(3 year period between September 1, 2017 and August 31, 2020).
- ◆ **Data sources for analysis:**
 - ◆ **Law enforcement (LE) data** on MPD arrests, police contacts and incarceration data (e.g. days in jail) from the Dane County Sherriff's Office.
 - ◆ 12 months prior to MARI incident.
 - ◆ 12 months after the MARI incident.
 - ◆ **Clinical data** (start and end of the 6 month program):
 - ◆ Brief Addiction Monitor (Drug Use, Risk & Protection)
 - ◆ Depression (PHQ-9)
 - ◆ Anxiety (GAD-7)

MARI Evaluation

- ◆ **Historical Comparison Group (HC):** persons identified by MPD who would have been eligible for MARI should the program have existed (N=52).
- ◆ MARI eligible incident occurred between September 1, 2015 and August 31, 2016.
- ◆ Data collected 12 months pre- and 12 months post.

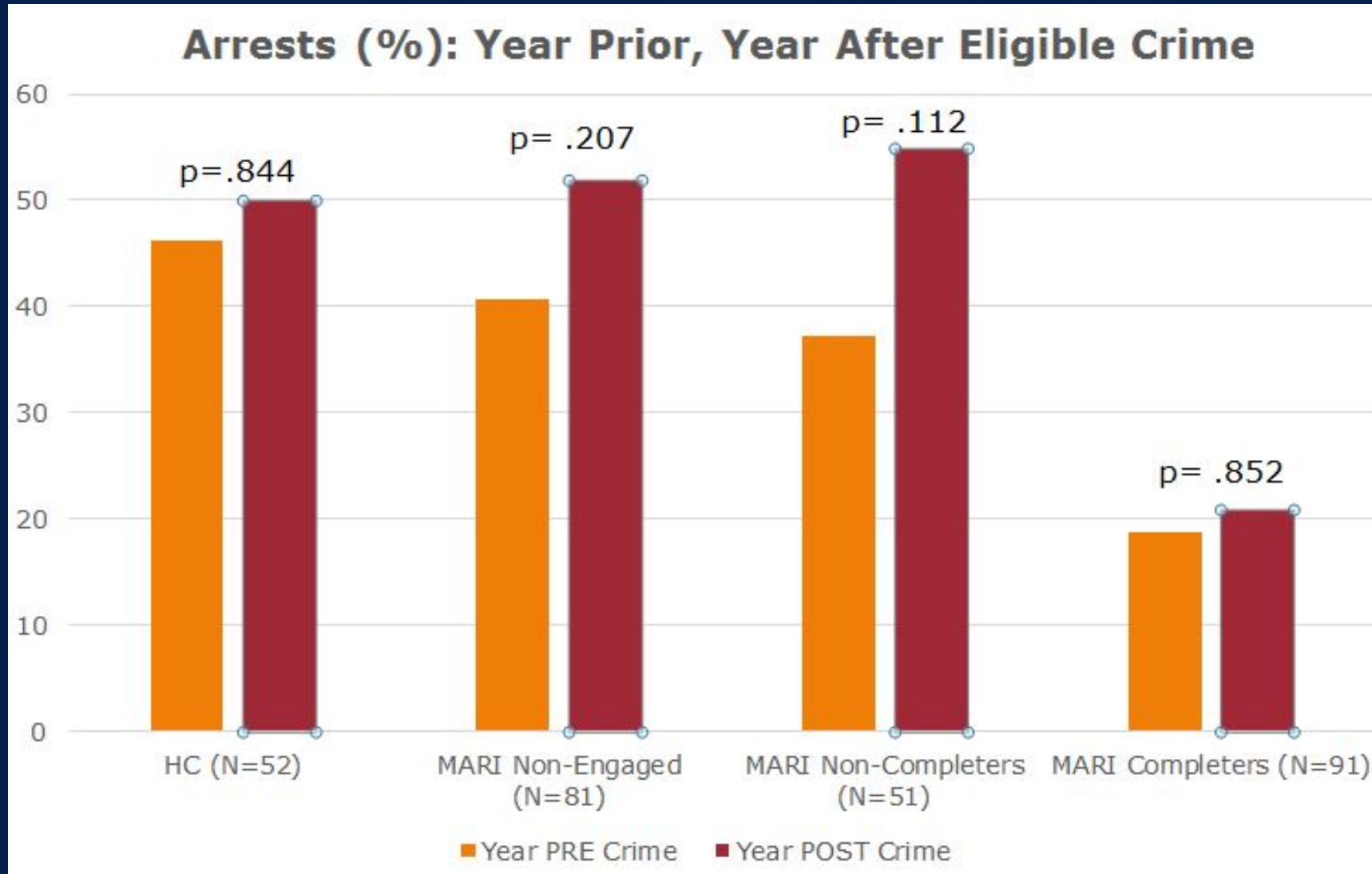
Demographic comparison

Demographics	Historical Comparison Group (N=52)	Full MARI participant group (N=263)	MARI Non-Engaged Group (n=103)	MARI Engaged Group (n=160)
Average age	30	34.94	35.86	34.35
Gender – # (%) male	34 (65.4%)	166 (63.1%)	57 (55.3%)	109 (68.1%)
Gender – # (%) female	18 (34.6%)	97 (36.9%)	46 (44.7%)	51 (31.9%)
Race # (%)				
White	46 (88.5%)	210 (79.9%)	81 (78.6)	129 (80.6%)
Other	6 (11.5%)	53 (20.1%)	22 (21.4%)	31 (19.4%)
Homeless # (%) (or No Permanent Address)	7 (13.5%)	30 (11.4%)	21 (20.4%)	9 (5.6%)

MARI participant group slightly older than Historical Comparison Group; higher numbers of “homeless” individuals and females in MARI Non-Engaged Group.

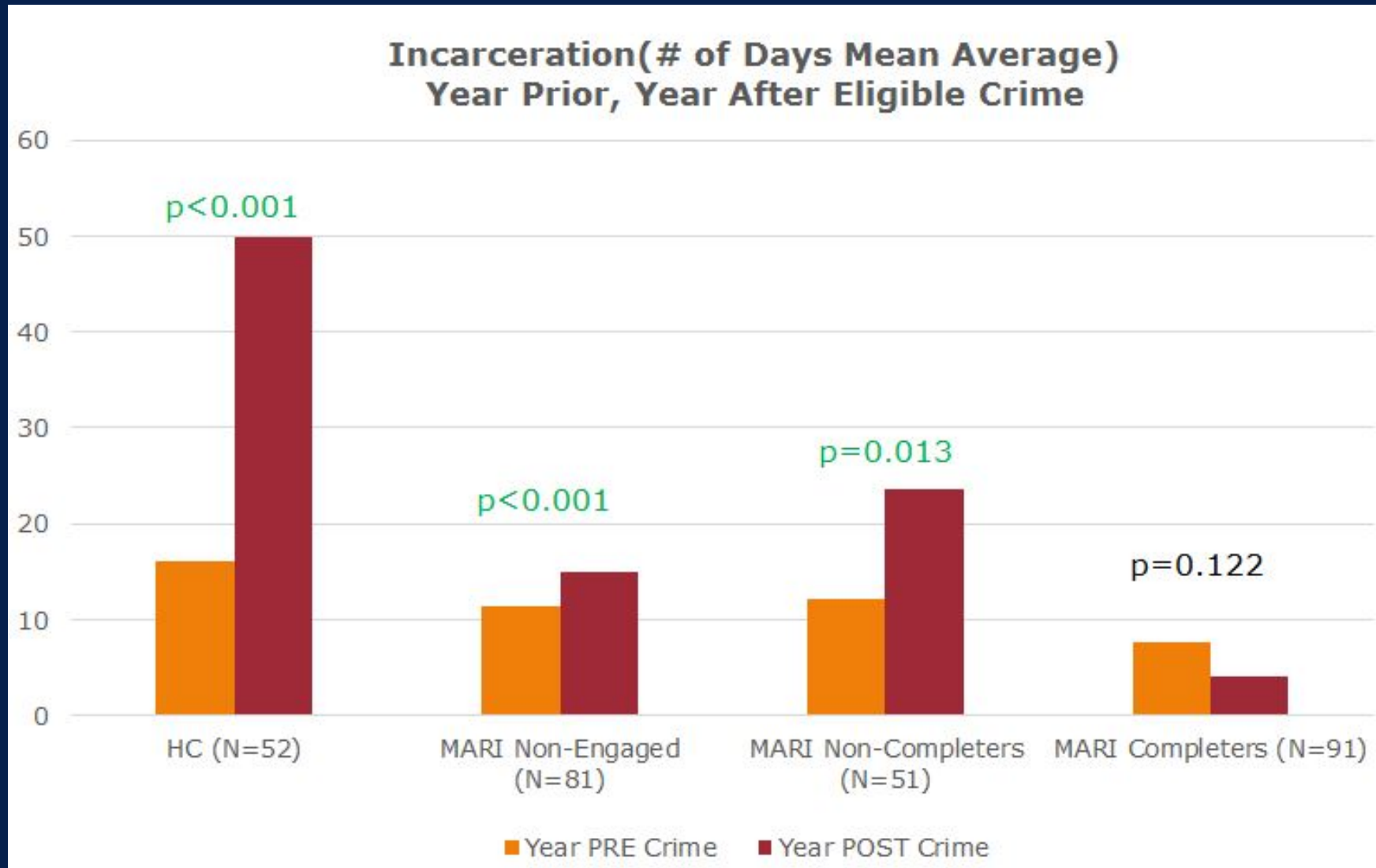
Does MARI work?

(Participants enrolled between 09/01/17 - 02/28/2020)

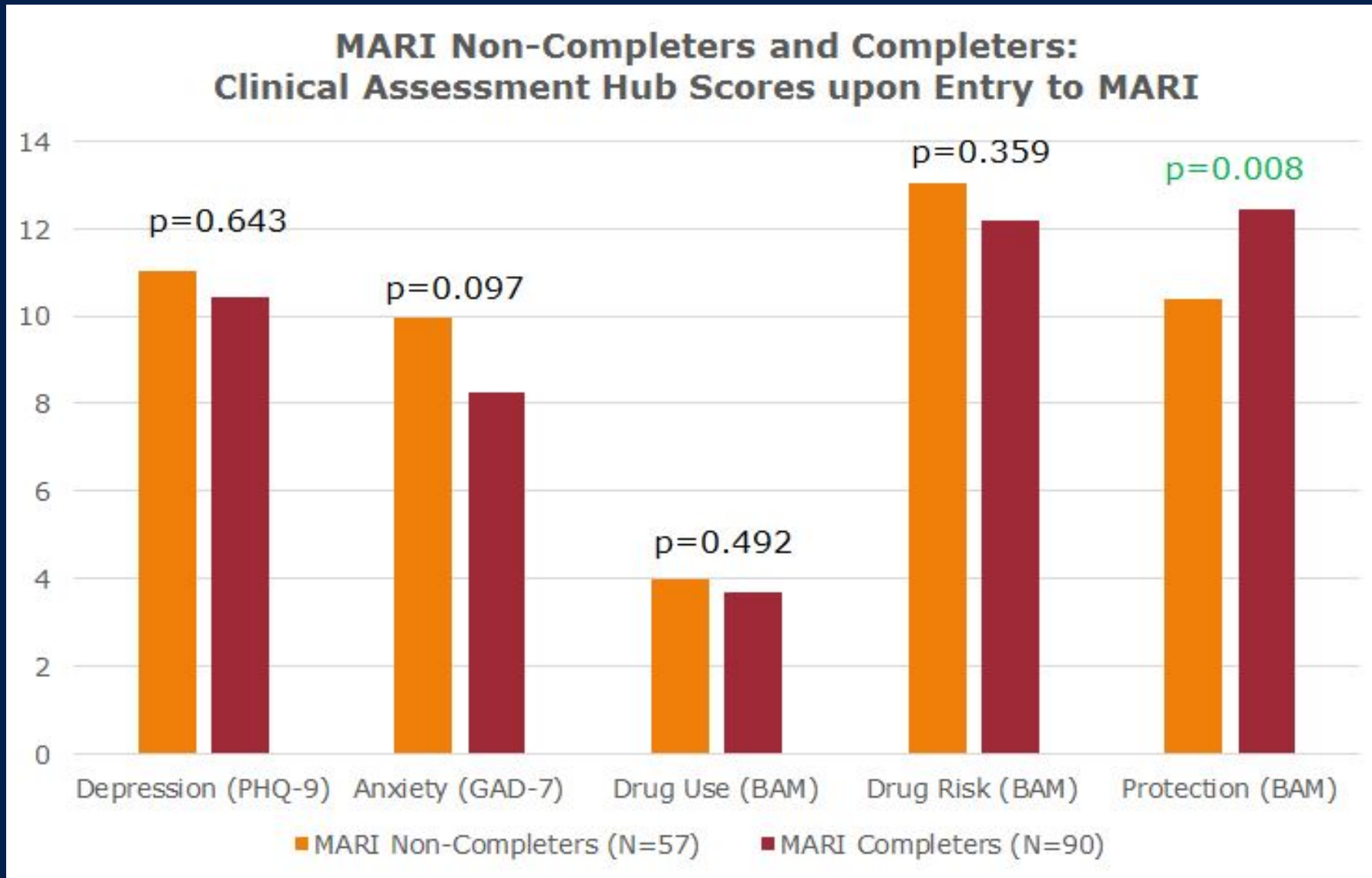


Does MARI work?

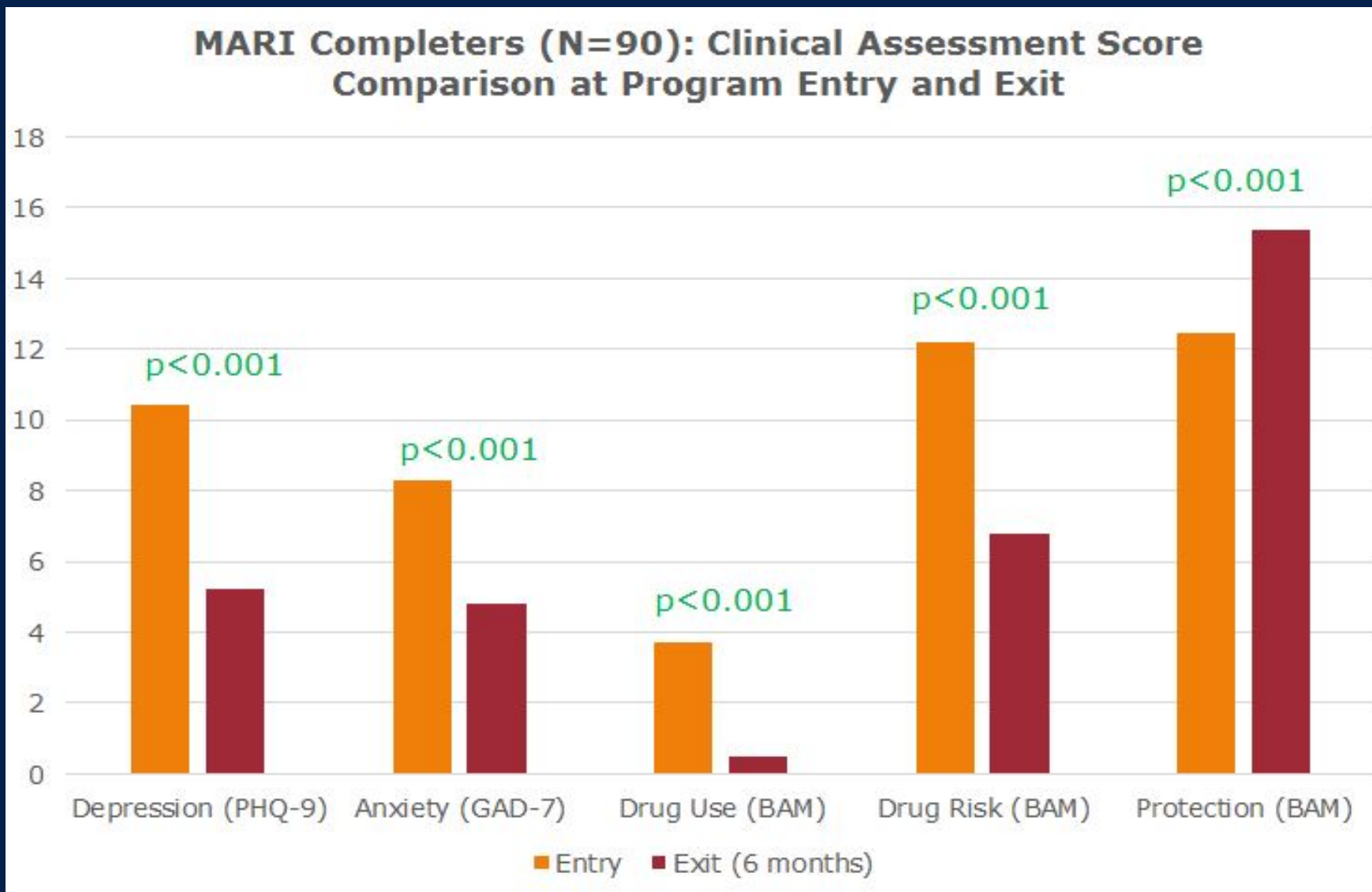
(Participants enrolled between 09/01/17 - 02/28/2020)



Does MARI work?



Does MARI work?



Overdose Related Police Costs

- ◆ Historical Comparison Group N = 52 (Sept 2015 – Aug 2016).
- ◆ MPD able to pull officer cost data on 51 of 52 overdose calls.
- ◆ 238 officers assigned to 51 overdose calls ($x = 4.66$ per call).
- ◆ 21,985 minutes logged by MPD officers on these 51 overdose calls (366.42 total hours or 7.18 hours on each overdose call).
- ◆ During HC period, each OD call cost \$388.15 (at \$53 per hour including fringe benefits per MPD budget office). Total cost related to HC group approximately \$20,184.
- ◆ Every 100 overdose calls cost MPD approximately \$40,000.

MARI Related Overdose Fatality Data

Vital Records Data on Fatal Overdose among the MARI participants (N=263) and the Historical Comparison group members (N=52) after their “index crime”:

Fatal overdose by calendar year when overdose death occurred

	2016	2017	2018	2019	2020	Total # (%)
MARI group (N=263)	-	0	1	4	8	13 (4.9%)
Non-Engaged (n=103)	-	0	1	2	4	7 (6.8%)
Non-Completers (n=60)	-	0	0	1	2	1 (5.0%)
Completers (n=100)	-	0	0	1	2	3 (3%)
HC Group (N=52)	0	3	1	1	0	5 (9.6%)
Total MARI + HC	0	3	2	5	8	18

Fatal overdose by the follow-up period duration after the “index crime”

	0-6 Months	7-12 Months	12+ Months	Total
MARI group (N=263)	5	3	3	11 (4.2%)
Non-Engaged (n=103)	5	1	1	7 (6.8%)
Non-Completers (n=60)	2	0	1	1 (1.7%)
Completers (n=100)	0	2	1	3 (3%)
HC Group (N=52)	0	2	3	5 (9.6%)
Total MARI + HC	7	5	6	18

Final Takeaways/Summary

- ◆ By offering addiction treatment in lieu of arrest and prosecution of criminal charges, pre-arrest diversion programs have the potential to disrupt the addiction-fueled cycle of crime, reduce the likelihood of future offenses, and promote public health and safety.
- ◆ Pre-arrest diversion can both *save* a life and *change* a life.
- ◆ Programs like MARI can positively influence one's perceptions of the police and the role of the police in a free society.

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Thank you!

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