

BJA's Comprehensive

Opioid Abuse

Program

United We Stand

Responding to America's Opioid Crisis

BJA

Bureau of Justice Assistance
U.S. Department of Justice

Diversions and Multidisciplinary Partnerships

2020 COAP National Forum

March 10–12, 2020 | Arlington, Virginia

Plymouth County Outreach

Collaboratively Addressing the Opioid Epidemic

Presented by

Michael Botieri, Plymouth Police Chief

Walter Sweeney, Hanover Police Chief

Victoria Butler, Plymouth County Outreach Project Coordinator

Pamela Kelley, Executive Director of Kelley Research Associates

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Learning Objectives

- Building Relationships between Public health, Law Enforcement, EMS and the community
- Creating an innovative, unique national model for a data driven strategy to reduce overdoses and assist those suffering into treatment long term recovery
- Utilizing Partnerships and engagement with the Recovery Community

Plymouth County Outreach is a multi-faceted collaboration of the 27 municipal police departments in Plymouth County, as well as Bridgewater State University Police Department

Working together to make treatment more accessible to those suffering from substance use and their loved ones



PCO's Member Departments

Abington PD

Bridgewater PD

Bridgewater State University PD

Brockton PD

Carver PD

Duxbury PD

East Bridgewater PD

Halifax PD

Hanover PD

Hanson PD

Hingham PD

Hull PD

Kingston PD

Lakeville PD

Marion PD

Marshfield PD

Mattapoissett PD

Middleborough PD

Norwell PD

Pembroke PD

Plymouth PD

Plympton PD

Rochester PD

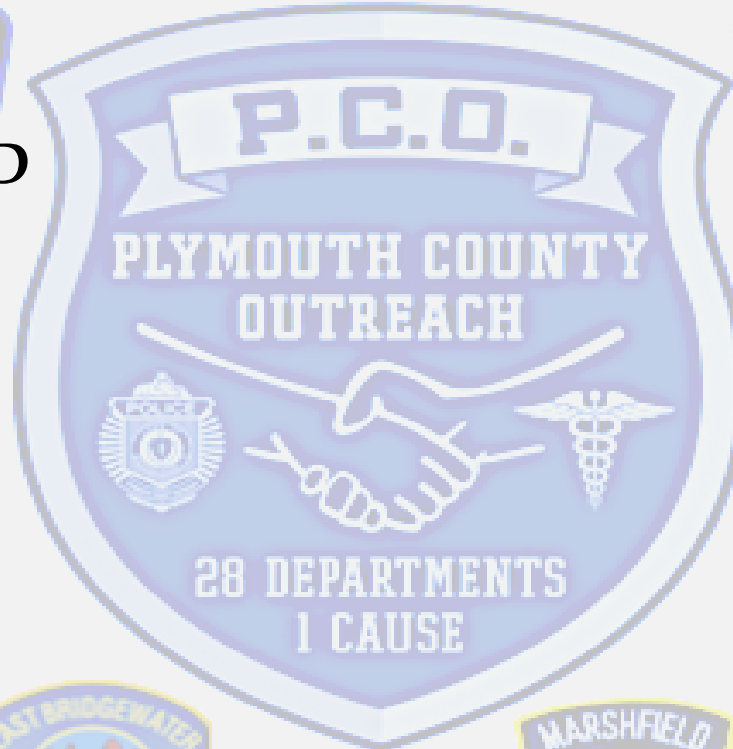
Rockland PD

Scituate PD

Wareham PD

West Bridgewater PD

Whitman PD



WHERE WE STARTED

In 2015 Police in Plymouth County noticed a surge in fatal and non-fatal overdoses. Overdoses had doubled between 2014 and 2015

In December of 2016, all of the 27 county police departments, as well as Bridgewater State University Police Department, came together to form Plymouth County Outreach

2017-2018 PAARI pilot project to deploy recovery coaches and program coordinator to PCO through AmeriCorps program

2019 BJA COAP selected National Mentor Site for others who want to implement this model

Pockets of individual programs initiated which would become the foundation of PCO

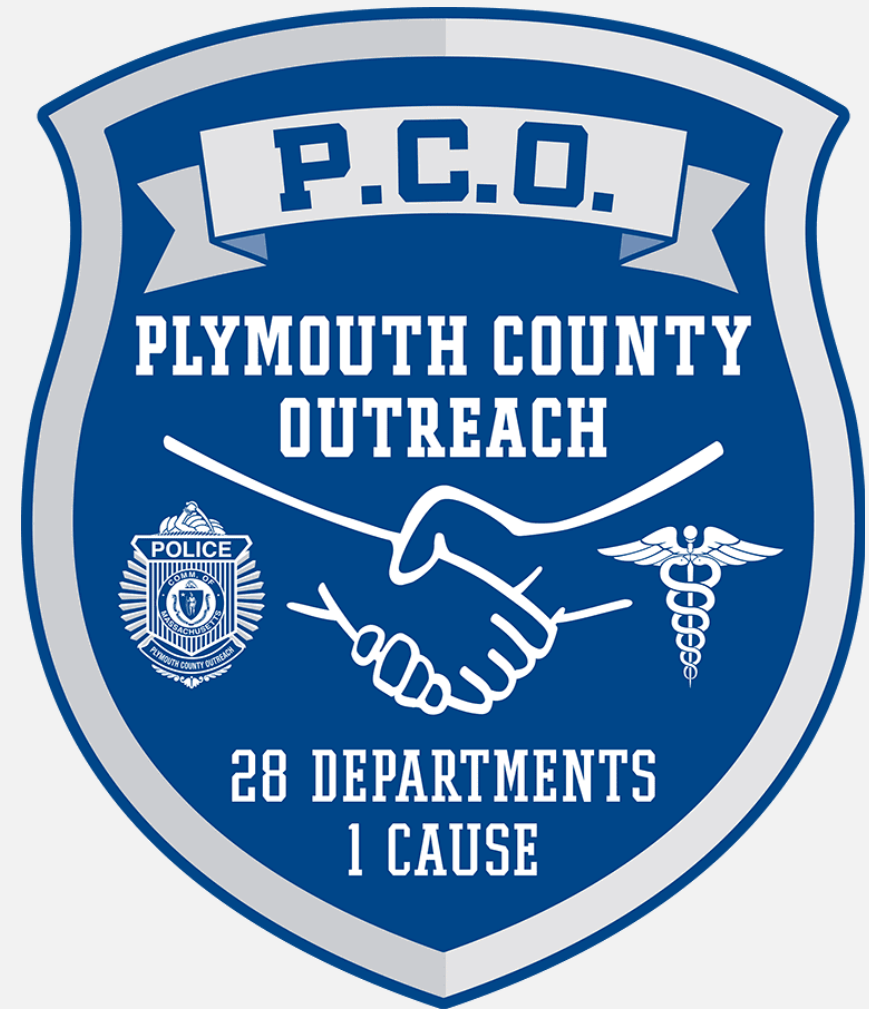
- Plymouth Project Outreach
- EB HOPE Drop In Center
 - Champion Plan
- South Shore Peer Recovery Center

April 2017, all departments tracking overdoses & Recovery Coaches and Outreach Officers home visits began

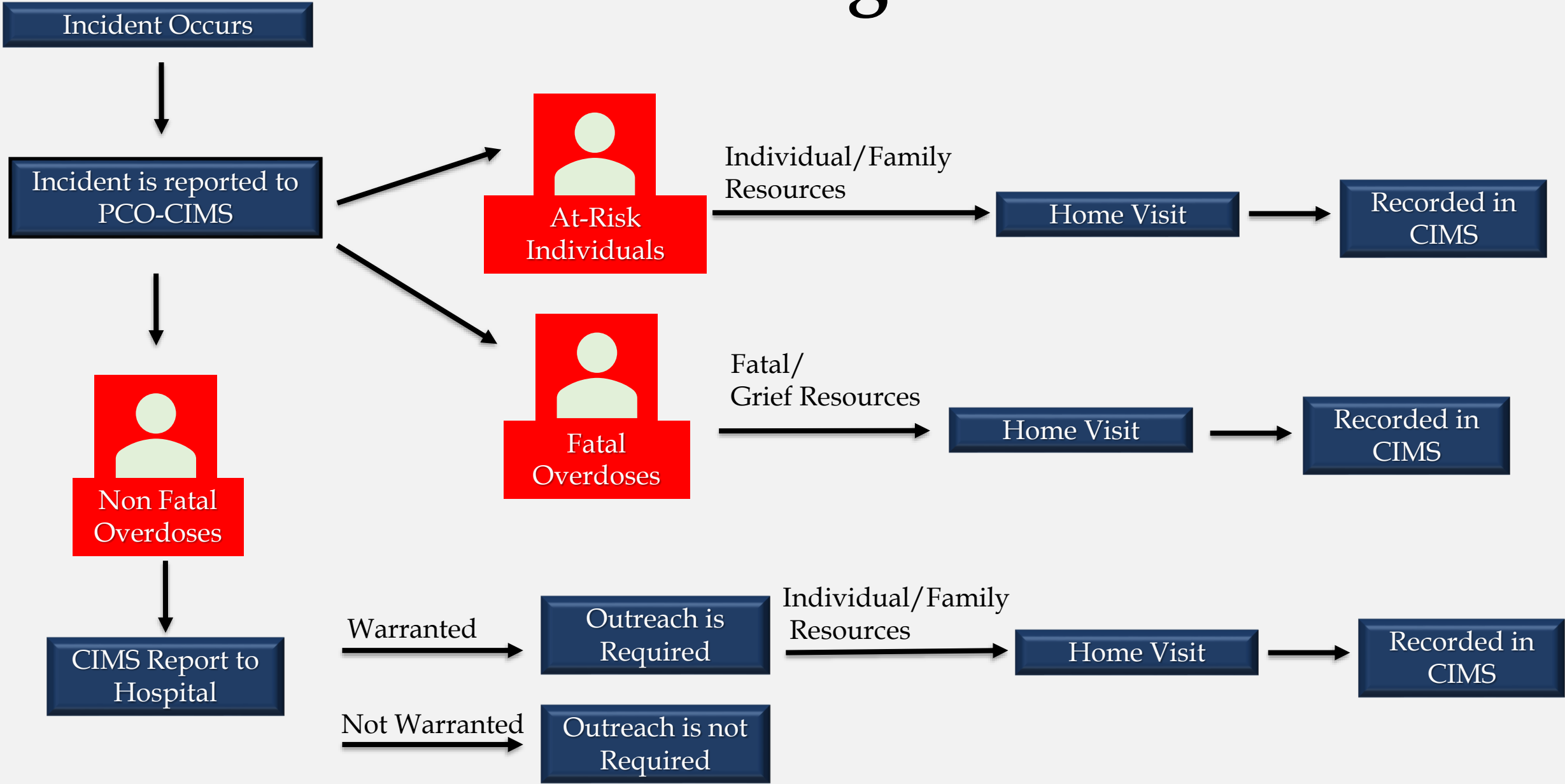
October 2018, PCO received 2-year, \$500,000 BJA COAP grant enabled to hire 3 fulltime and part time staff, support data, department costs for outreach, develop annual budget

What does PCO do?

PCO introduces individuals to different points of access to treatment while offering caring, compassionate support for those struggling, as well as support services for their family members and loved ones



Program Overview



Purpose of Home Visits



- To offer support, resources, & referrals to treatment to the overdose survivor in the comfort of their own home after they have declined services in the hospital
- Provide resources and referral to support services for family members, loved ones and children affected by substance use
- Officers respond in plain clothes and in unmarked cruisers in order to break down the stigma of law enforcement and the perception that law enforcement officers only want to “lock people up”

Our Partners

- 
- Adcare
 - Bay State Community Services
 - Beth Israel Deaconess Hospital
 - Brockton Area Prevention Collaborative
 - Brockton Champion Plan
 - Brockton COPE Center
 - Brockton Hospital
 - Brockton Neighborhood Health
 - Clean Slate
 - Department of Mental Health
 - Drug Endangered Children Initiative
 - Gosnold
 - Good Samaritan Hospital
 - High Point
 - Kelley Research Associates
 - Learn to Cope
 - Manet Health
 - Morton Hospital
 - Nami
 - New England HIDTA
 - Norcap
 - PAARI
 - Plymouth Recovery Center
 - Plymouth County Sheriff's Department
 - Plymouth County District Attorney's Office
 - PCO HOPE
 - Signature Healthcare OBAT Program
 - South Bay Community Services
 - South Shore Hospital
 - South Shore Peer Recovery Center
 - Spectrum
 - Stairway to Recovery Brockton
 - St. Luke's Hospital
 - Team Sharing Inc.
 - Teen Challenge
 - Tobey Hospital
 - Wareham Fighting Against Addiction

Collaboration and Harm Reduction

Walter Sweeney,
Hanover Police Chief

PCO Advisory Board

- A collaborative group of public health specialists and law enforcement officers who offer a range of expertise
- The nineteen members include 5 Doctors and 14 Chiefs of Police
- Meet every other month to discuss new programs and dissemination of funding



Trainings We Provide

QUARTERLY MEETINGS

- Mandatory for all outreach officers
- Past quarterly meeting trainings have included Methamphetamine Use Disorders, Preventing and Responding to Overdoses, Medication for Opioid Use Disorders (MOUD) and MAT in the Emergency Room.
- Include a story of hope from a person in recovery

RECOVERY COACH ACADEMY

- PCO Project Coordinator Vicky Butler is a certified trainer through the Connecticut Community for Addiction Recovery (CCAR) and a certified recovery coach supervisor through the Bureau of Substance Addiction Services (BSAS)



**Justin Alves, RN, CRN, ACRN
Presenting on Methamphetamine
use disorders:
Practical Strategies to Management**

Community Engagement

IN ORDER TO INFORM THE COMMUNITY ABOUT WHAT PCO DOES AND HOW TO ACCESS OUR SERVICES WE ATTEND MANY DIFFERENT EVENTS

THESE EVENTS INCLUDE BUT ARE NOT LIMITED TO; OUTREACH TABLES, RESOURCE FAIRS, OVERDOSE VIGILS, TAKE BACK EVENTS, AND COMMUNITY POLICE DAYS



**DEA NATIONAL ^{Rx}
TAKEBACK**

Saturday April 27, 2019
10:00 am - 2:00 pm
Walmart Supercenter
300 Colony Place
Plymouth, MA 02360

Proper disposal of these unused/unwanted medications reduces access for potential misuse and helps to reduce accidental ingestion by children. In addition, returning these medications instead of flushing reduces water pollution. Resource tables with information around substance use disorders will be available.

Questions?: Contact Vicky Butler | vbutlereplymouthcountyoutreach.org



Harm Reduction Strategies

PCO STRIVES TO REDUCE THE HARMS OF SUBSTANCE USE DISORDERS BY DISTRIBUTING ITEMS THAT CAN HELP SAVE LIVES

NARCAN

- NASAL SPRAY USED TO POTENTIALLY REVERSE AN OVERDOSE AND SAVE A LIFE

FENTANYL TEST STRIPS

- USING FENTANYL TEST STRIPS ALLOWS INDIVIDUALS TO TEST THEIR SUBSTANCES FOR THE PRESENCE OF FENTANYL
- THE OUTCOME OF THE TEST WILL ALLOW THE INDIVIDUAL TO MAKE CHANGES TO THEIR BEHAVIOR AND/OR MODIFY THEIR USE

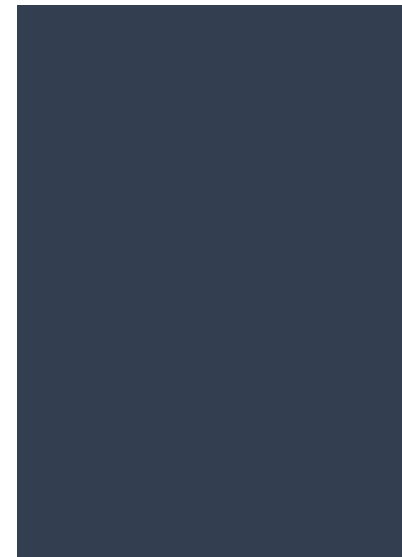
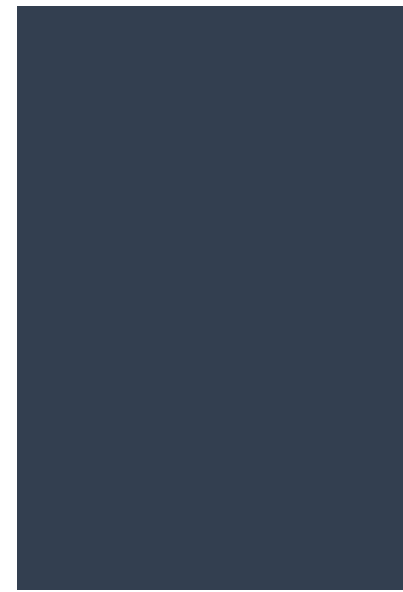
Social Media Campaigns

• #REDUCETHEHARM

- HARM REDUCTION IS A SET OF PRACTICES THAT AIM TO REDUCE THE IMPACTS AND HARMS OF SUBSTANCE USE
- THE PURPOSE OF THIS CAMPAIGN WAS TO SPREAD AWARENESS ABOUT THE DIFFERENT HARM REDUCTION METHODS
- UTILIZING THESE PRACTICES HELP TO MAKE SUBSTANCE USE SAFER AND LESS HARMFUL TO THE PERSON USING AND THE COMMUNITY AROUND THEM

• #NOONEPATH

- THE GOAL OF THE MEDIA CAMPAIGN WAS TO RAISE AWARENESS FOR THE MANY DIFFERENT PATHWAYS TO TREATMENT AND TO CELEBRATE WHATEVER PATH IT IS THAT HAS LEAD SOMEONE TO WELLNESS
- THERE IS NO "RIGHT OR "WRONG" PATH FOR FINDING RECOVERY
- EVERYONE'S RECOVERY LOOKS DIFFERENT AND NO ONE SHOULD EVERY FEEL ASHAMED OF THE WAY IN WHICH THEY FIND RECOVERY



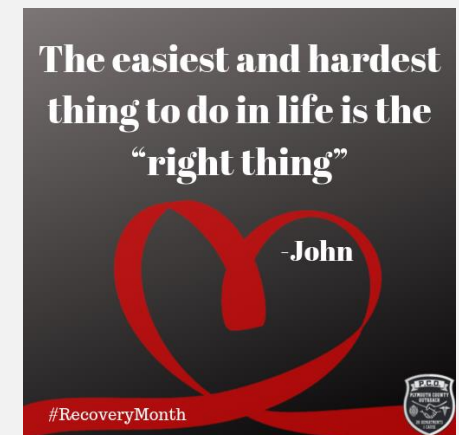
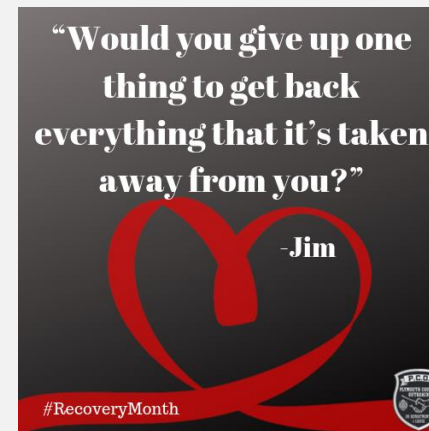
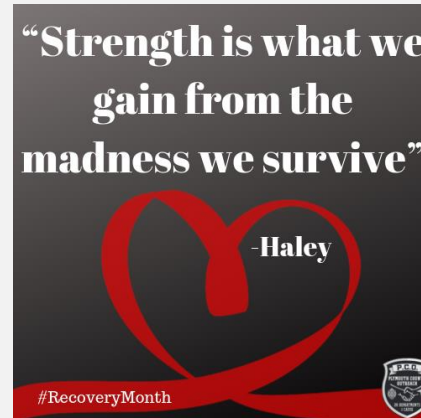
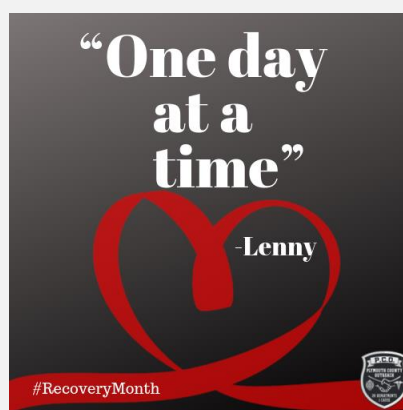
Outreach and Initiatives

Victoria Butler,
Plymouth County Outreach Project Coordinator

Recovery Coaches

A recovery coach is someone who is in recovery and/or has lived experience that is interested in promoting recovery by removing barriers and obstacles and by serving as a personal guide and mentor for people seeking or in recovery

These individuals are living examples that recovery is possible



Words of Wisdom from Recovery Coaches during Recovery Month 2019

Role of PCO Recovery Coaches

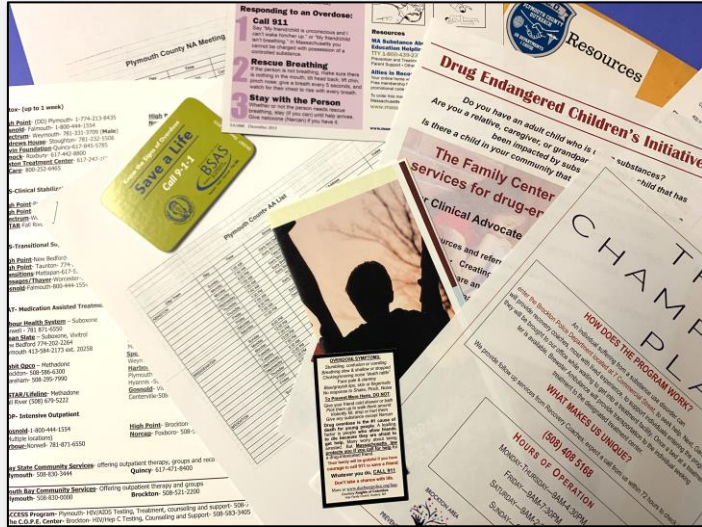
- PCO Recovery Coaches differ from facility recovery coaches or sponsors
- Offer resources and referrals appropriate to each individual's unique situation
- Works with local police departments to offer help as soon as possible after an overdose event
- Attending trainings regularly to ensure they are equipped with the best tools to support all pathways to recovery, including harm reduction
- Work in collaboration with PCO licensed clinicians, social workers, physicians, medical experts in field of substance use

Why we use Recovery coaches

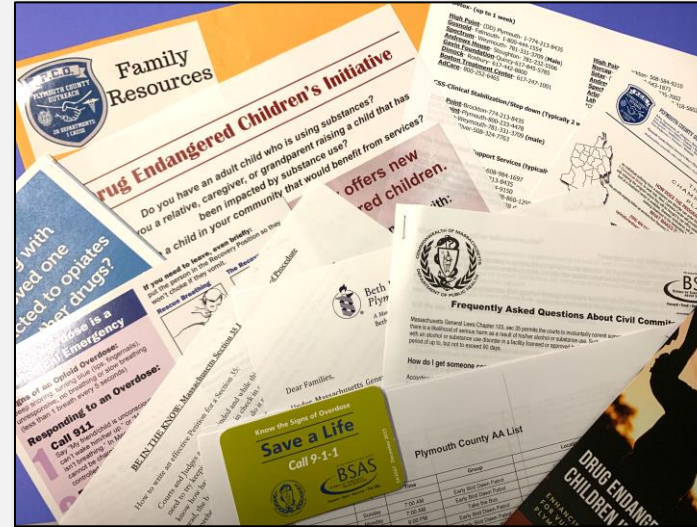
- To work side by side with individuals who are trying to achieve recovery
- To provide a peer to peer interaction, making it more comfortable than with police or higher authority
- To be proof that long term recovery is possible

Resource Packets

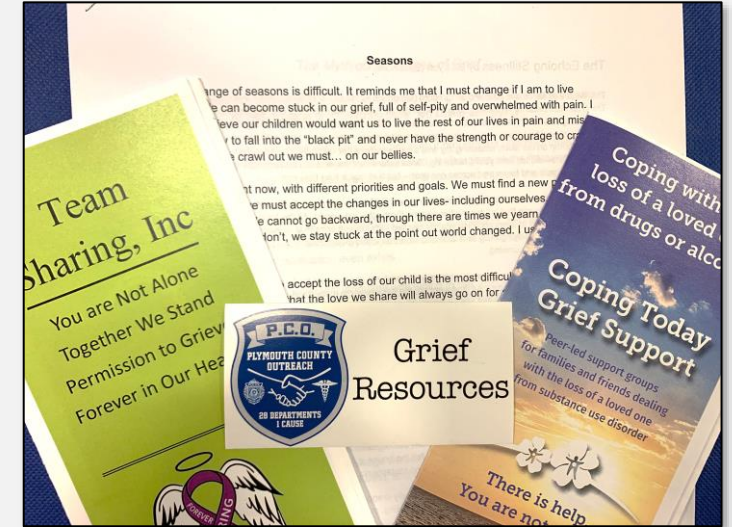
SUD RESOURCES



FAMILY RESOURCES



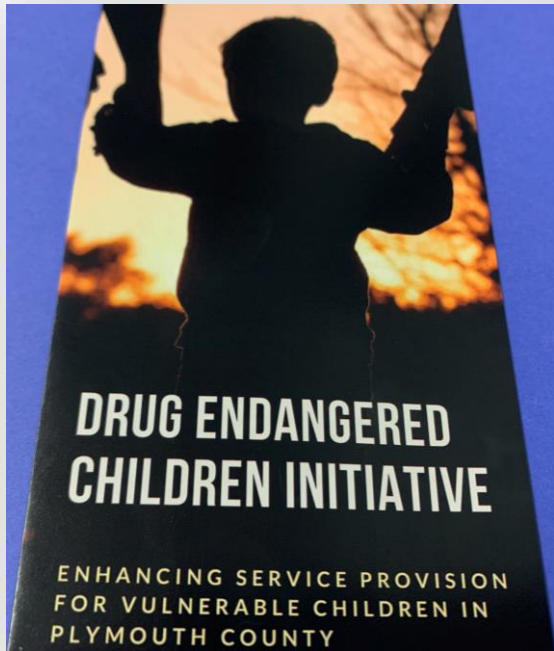
GRIEF RESOURCES



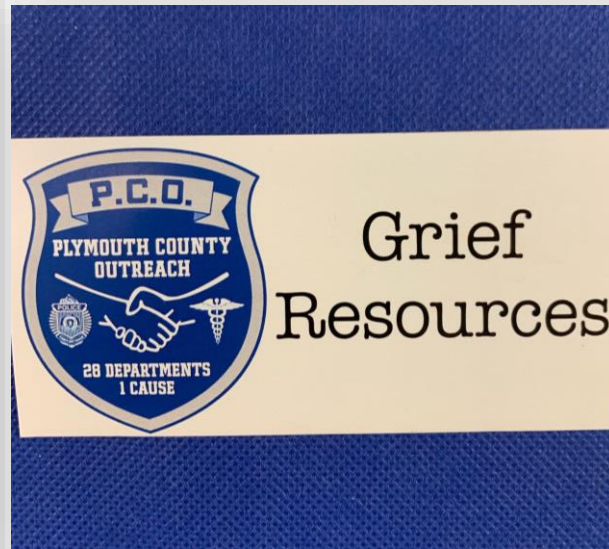
These packets include a variety of information including how to identify and respond to an overdose, treatment options, where to access Narcan, inpatient and outpatient facilities, Medications for Opioid Use Disorder (MOUD), support groups and other resources

The Family Resource packets also include information on Learn to Cope and Section 35. The Fatal Follow Up packets contain resources to help those grieving the loss of a loved one

Associated Initiatives



Drug Endangered Children



Fatal Follow Ups

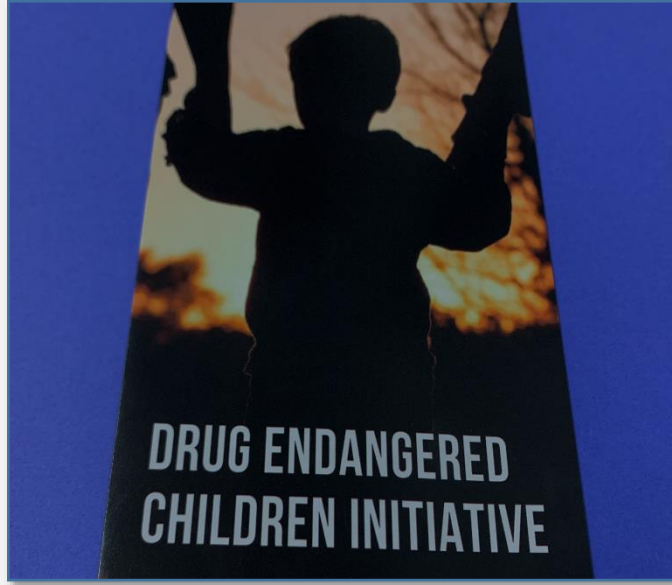


High Risk, Super Utilizer Tier 2



Behavioral Health
PCO Hub Model
w/ PAARI

Drug Endangered Children



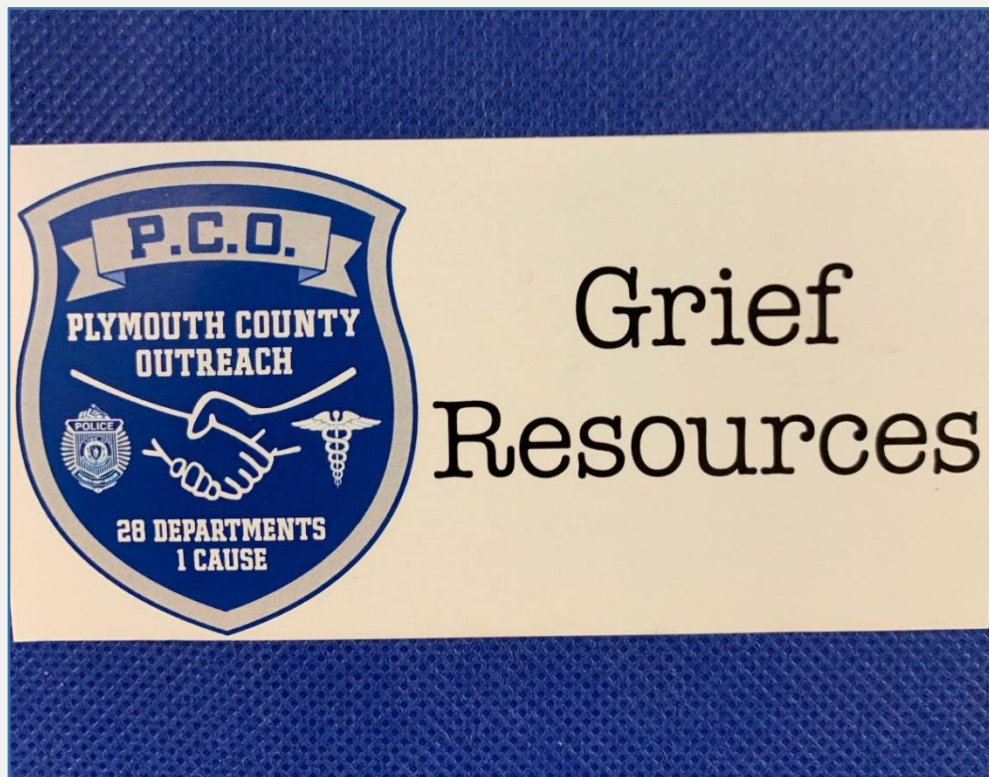
- Aims to increase awareness to the Adverse Childhood Experiences (ACES) study, identifying drug endangered and children witnessing trauma
- Help agencies to identify and respond to children affected by substance use
- Provide families with information, resources and referrals from police officers and partners
- Assist children and caregivers in navigating complex service systems

The Hub



- Aims to integrate PCO's present mission of connecting those with Substance Use Disorder utilizing developed protocols and practices to also locate, identify, and navigate those who suffer from Behavioral Health issues into the proper and effective treatment
- It is understood that Substance use Disorder and Behavioral Health issues can and do interconnect

Fatal Follow-ups



- Sympathy cards are sent to the loved ones to let them know that there is someone thinking about them and that the outreach teams will be out to visit them in the coming weeks
- The goal of this initiative is to bring resources to the loved ones after a fatal overdose occurs, a forgotten population desperately in need
- The packets include resources about ways to cope with grief, support groups and even a list of books that can help them through the loss

Comprehensive Opioid Abuse Site-Based Program BJA Grant (COAP)

Plymouth County Outreach was awarded a COAP grant for \$500,000 to implement a Tier 2 Intervention strategy to provide outreach and intensive case management services to those individuals experiencing three or more overdose incidents within six months



High Risk, Super Utilizer Tier 2 Model



- A High Risk Candidate is identified as any person listed in the Plymouth County Outreach (PCO) Critical Incident Management System (CIMS) database who is reported to have overdosed 3 or more times in a 6-month period
- Once identified, the Tier 2 team develops a case history and management plan which leverages peer-to-peer recovery support and clinical support services
- Those individuals identified as Active High Risk Candidates will be offered additional resources through wrap-around services and continuous follow-up
- Weekly Tier 2 sub-committee meetings of treatment experts, recovery specialists, clinicians and law enforcement representation
- Team includes a Clinician and Recovery Coach to meet and/or confer with the High Risk Candidate weekly and at least once a month in person or as needed to address treatment and recovery needs

Plymouth County Outreach 2019 Annual Data Summary

Pamela Kelley

Kelley Research Associates

Stonehill College

Sean Varano

Kelley Research Associates

Roger Williams University

March 11, 2020



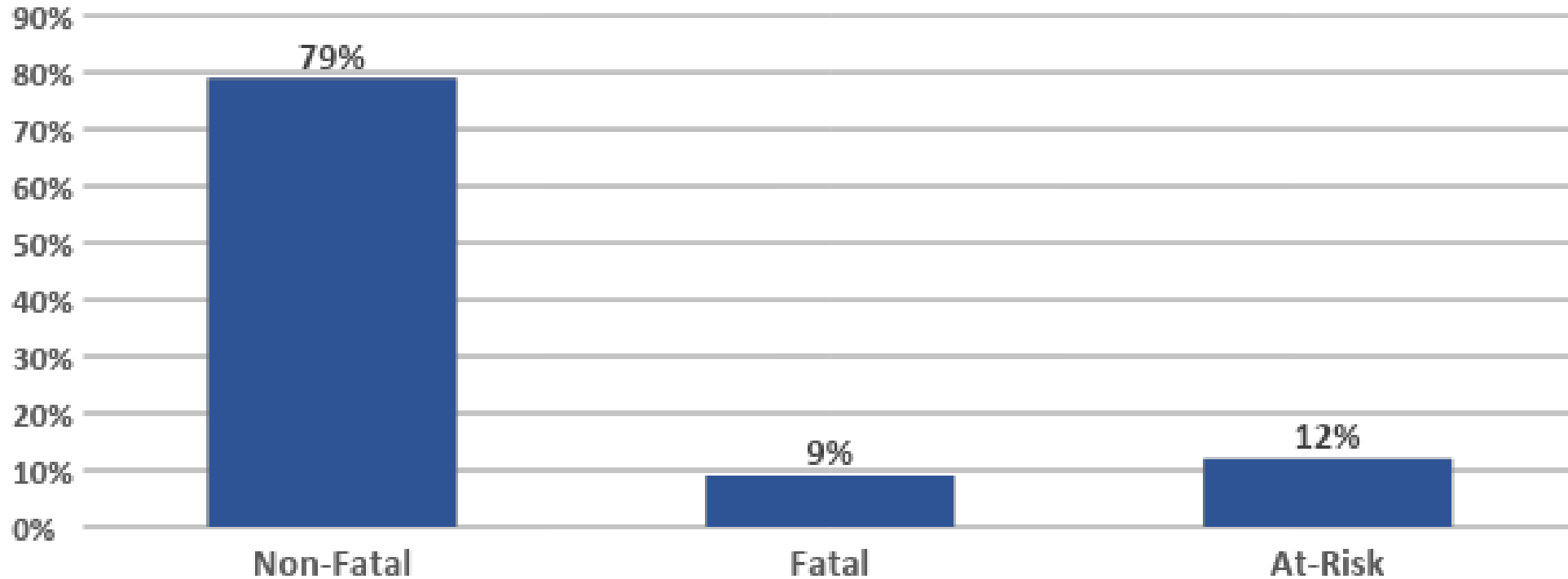


Critical Incident Management System (CIMS)

- The Critical Incident Management System (CIMS) is a software technology created to support law-enforcement led post-overdose intervention strategies
- Plymouth County Outreach utilizes CIMS to:
 1. Document overdose events in real time and identify “at-risk” individuals
 2. Manage and document incident follow-ups
 3. Share information across communities through an internal incident notification system
 4. Access real time reporting tools
- The following analysis was conducted on CIMS data entered by the police departments of Plymouth County

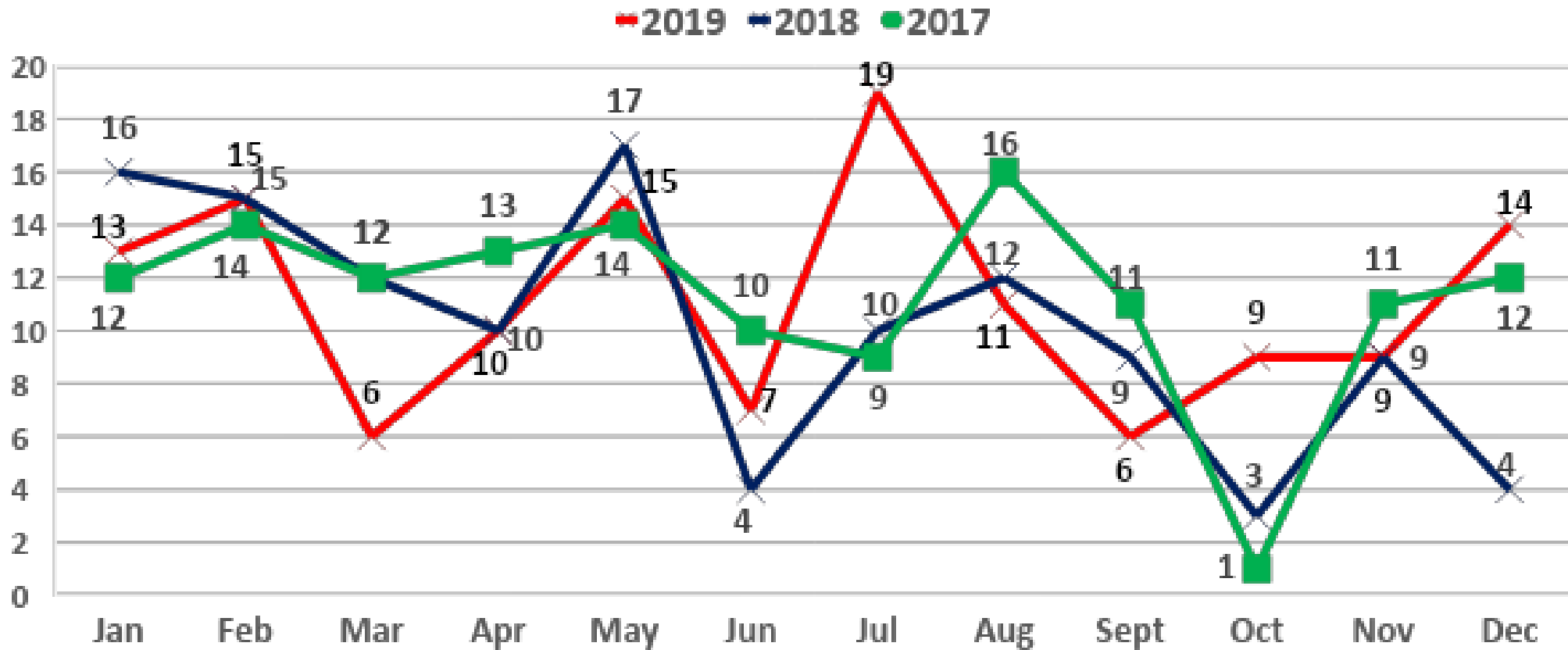
2019 Incident Information

Type of Incident



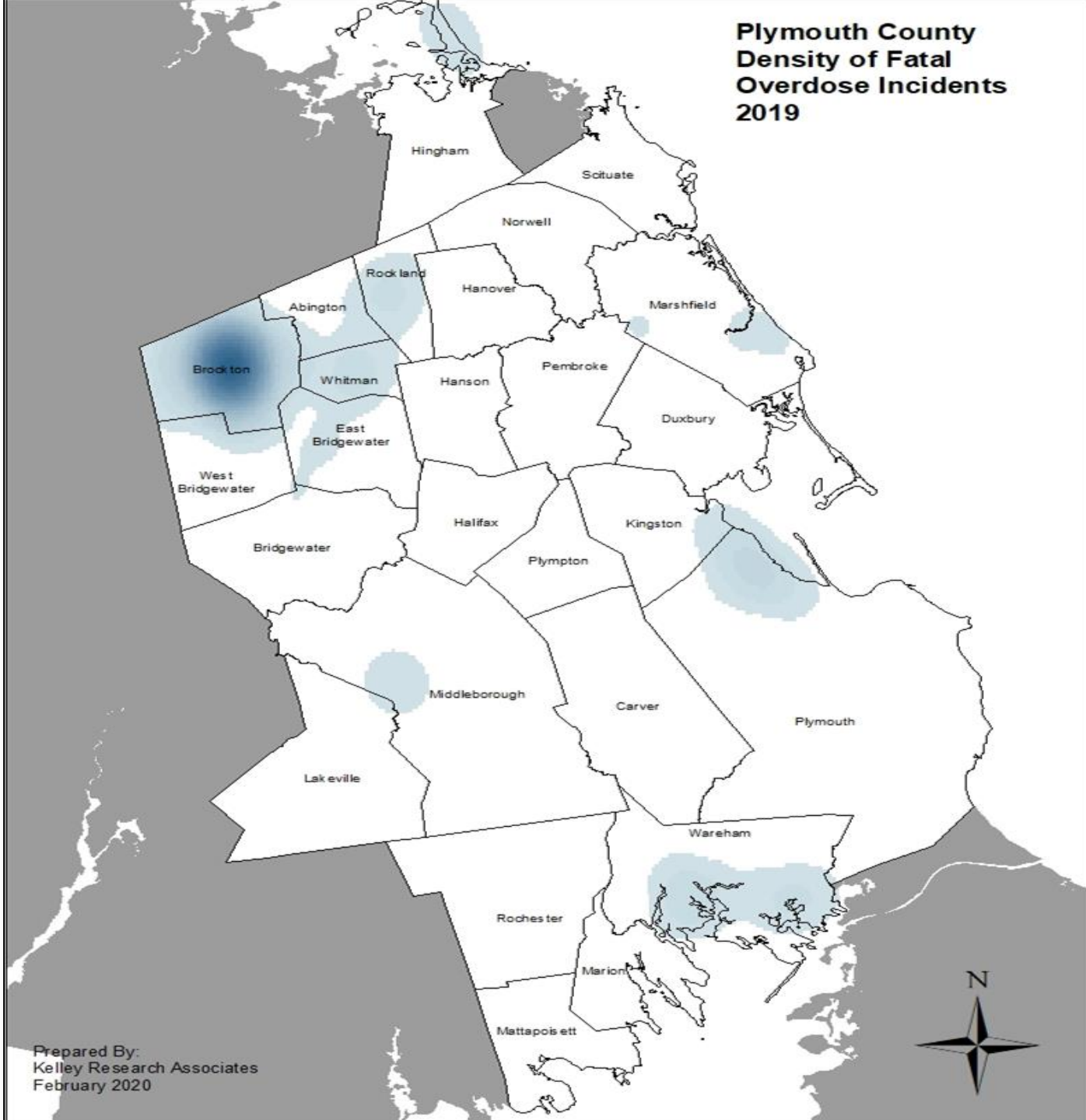
There were a total of **1,460 overdose incidents and at-risk referrals** reported in the county between 1/1/19 and 12/31/19 as recorded in CIMS. This represents an **10% decrease** over the 2018 total of 1,618. Seventy-nine percent (1,151) of these involved non-fatal incidents, 9% (134) were fatal incidents, and 12% (175) were categorized as At-Risk individuals.

Fatal Incident Monthly Trend



There was on average **11.2 fatal ODS** per month, or 134 total, in the County in 2019. This is an **11% increase** over the 2018 monthly average of 10.1, or 1212 total. Note: there were also an additional 10 Fatal incidents recorded by State Police that are not included in this analysis.

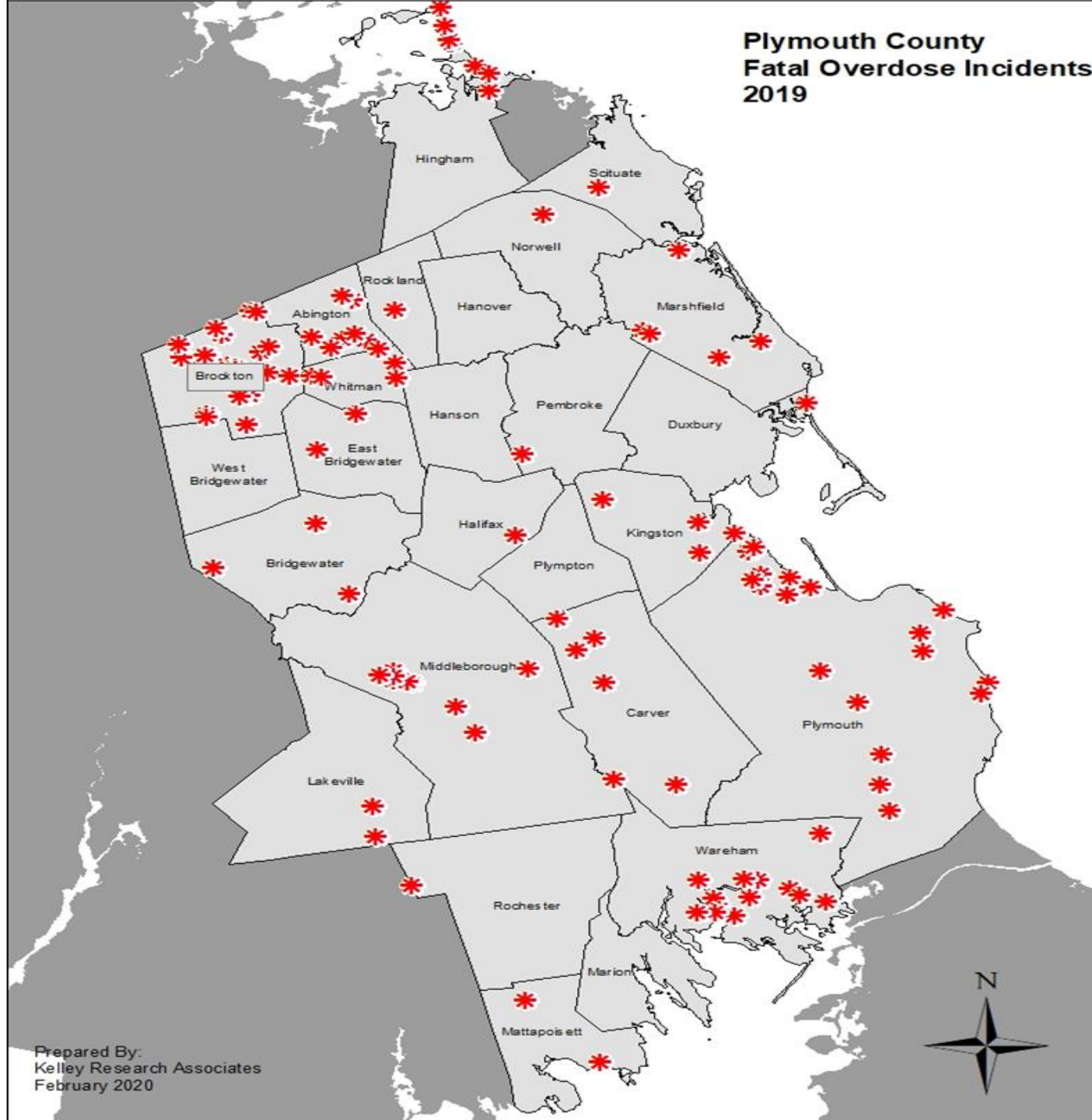
Plymouth County Density of Fatal Overdose Incidents 2019



Prepared By:
Kelley Research Associates
February 2020

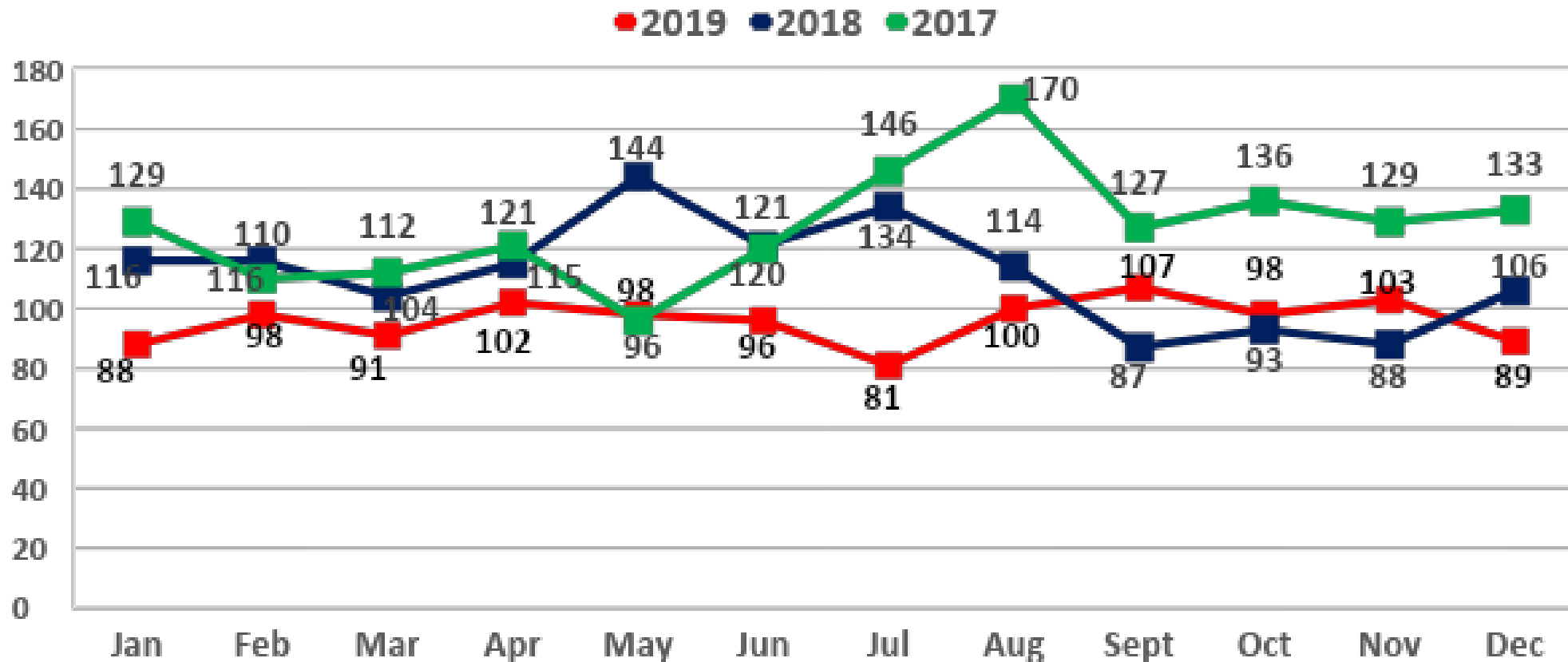


Plymouth County Fatal Overdose Incidents 2019



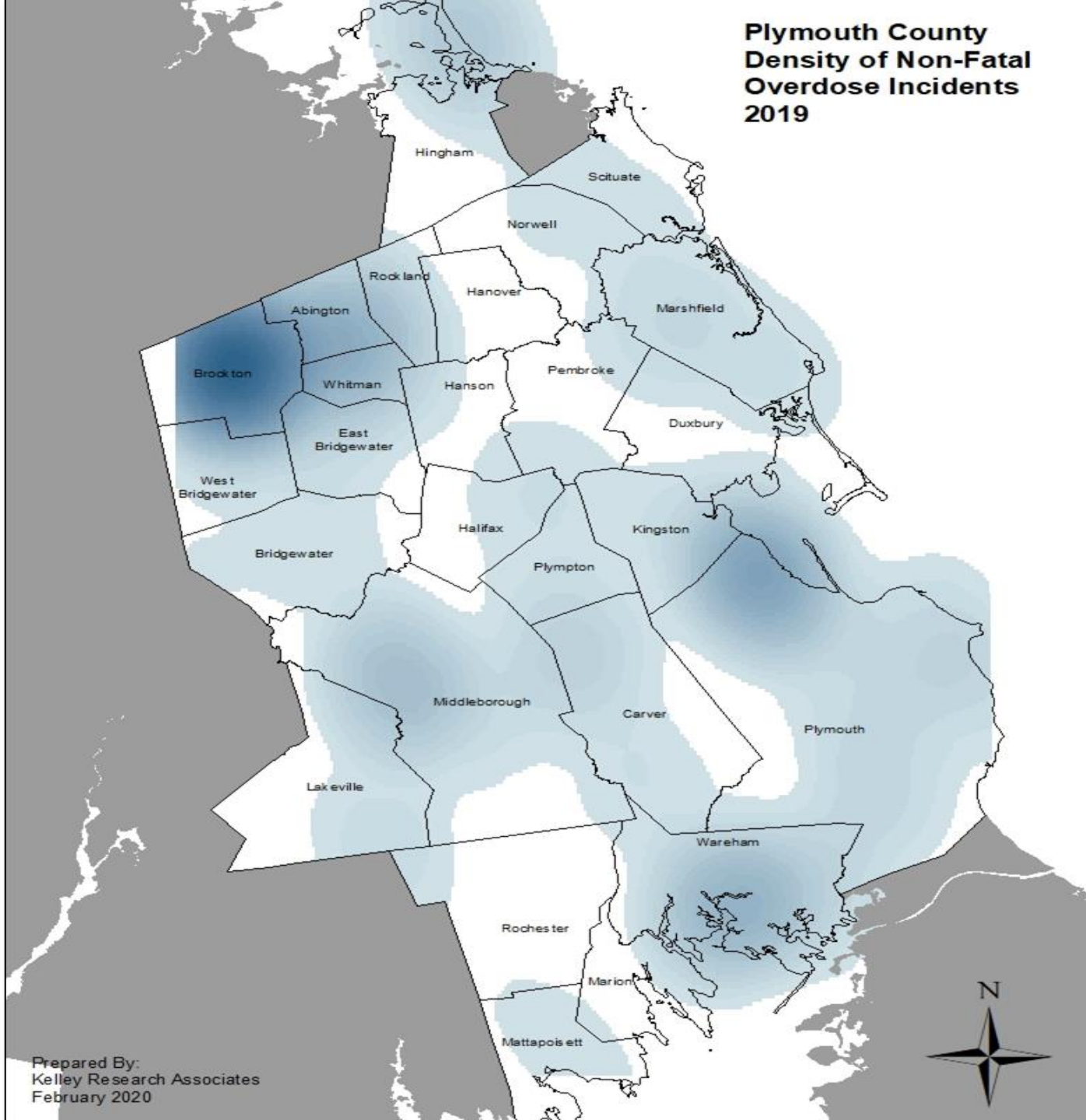
Prepared By:
Kelley Research Associates
February 2020

Non-Fatal Incident Monthly Trend

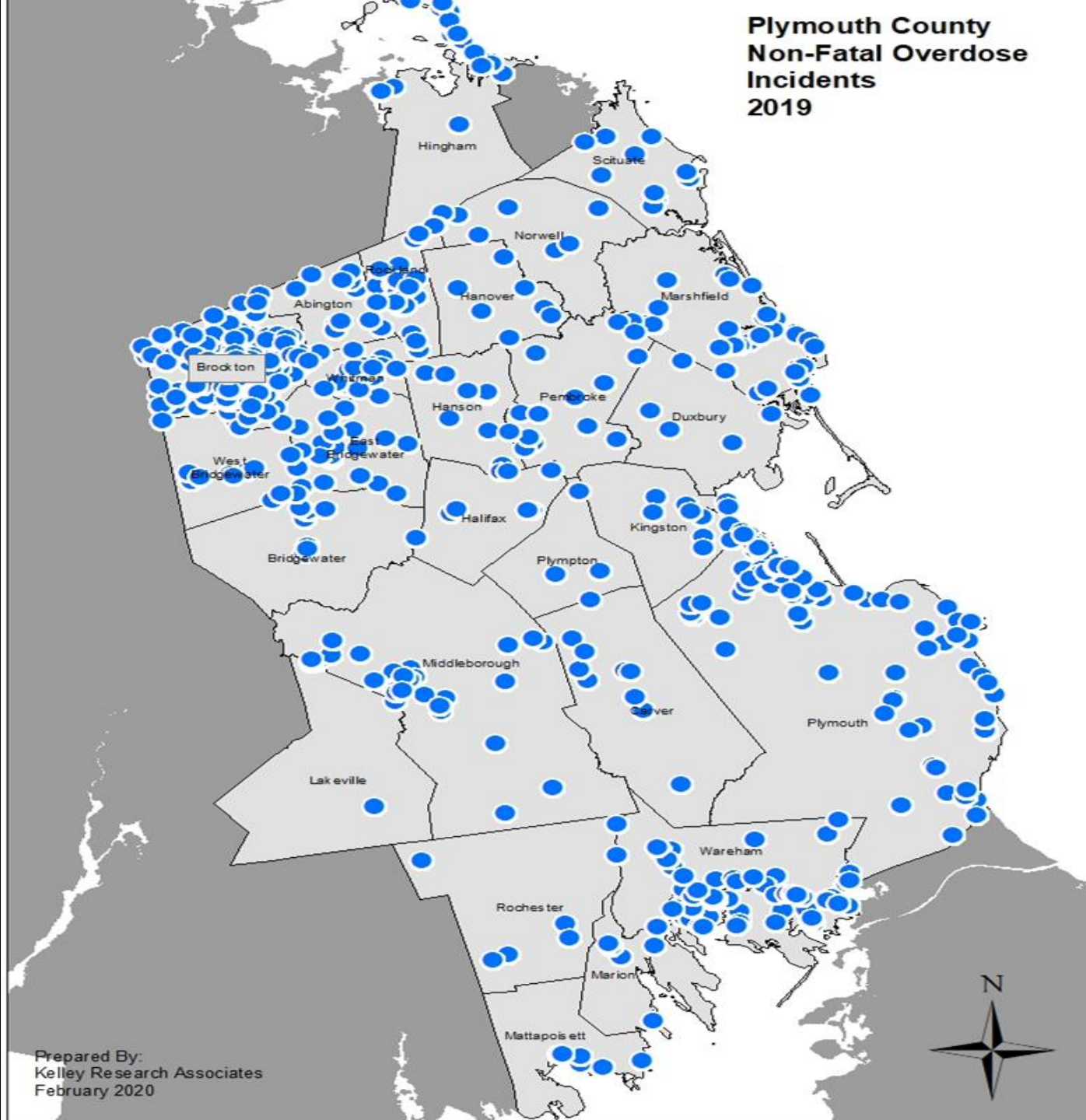


There was on average **95.9 non-fatal ODs** per month, or 1,151 total, in the County in 2019. This is a **14% decrease** over the 2018 monthly average of 111.5, or 1,338 total. The highest monthly total occurred in September (107). The lowest monthly total occurred in July (81).

Plymouth County Density of Non-Fatal Overdose Incidents 2019

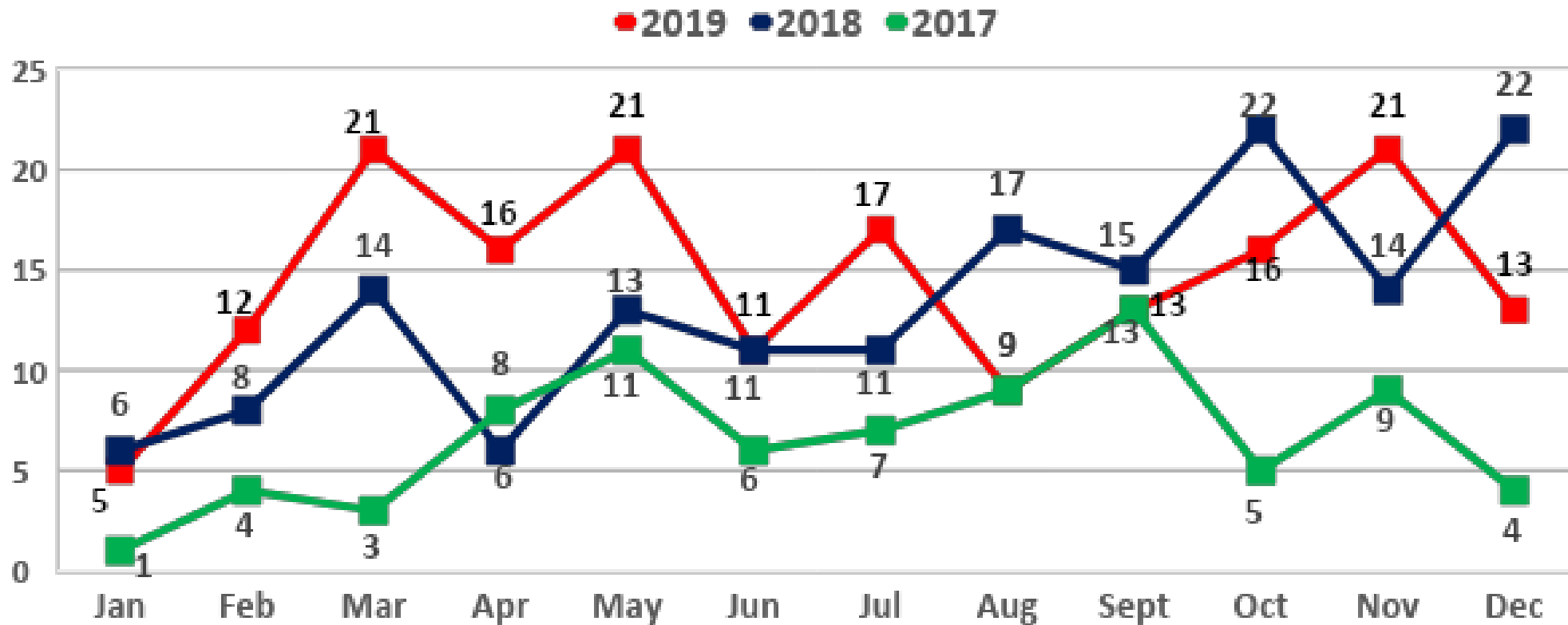


Plymouth County Non-Fatal Overdose Incidents 2019



Prepared By:
Kelley Research Associates
February 2020

At-Risk Monthly Trend

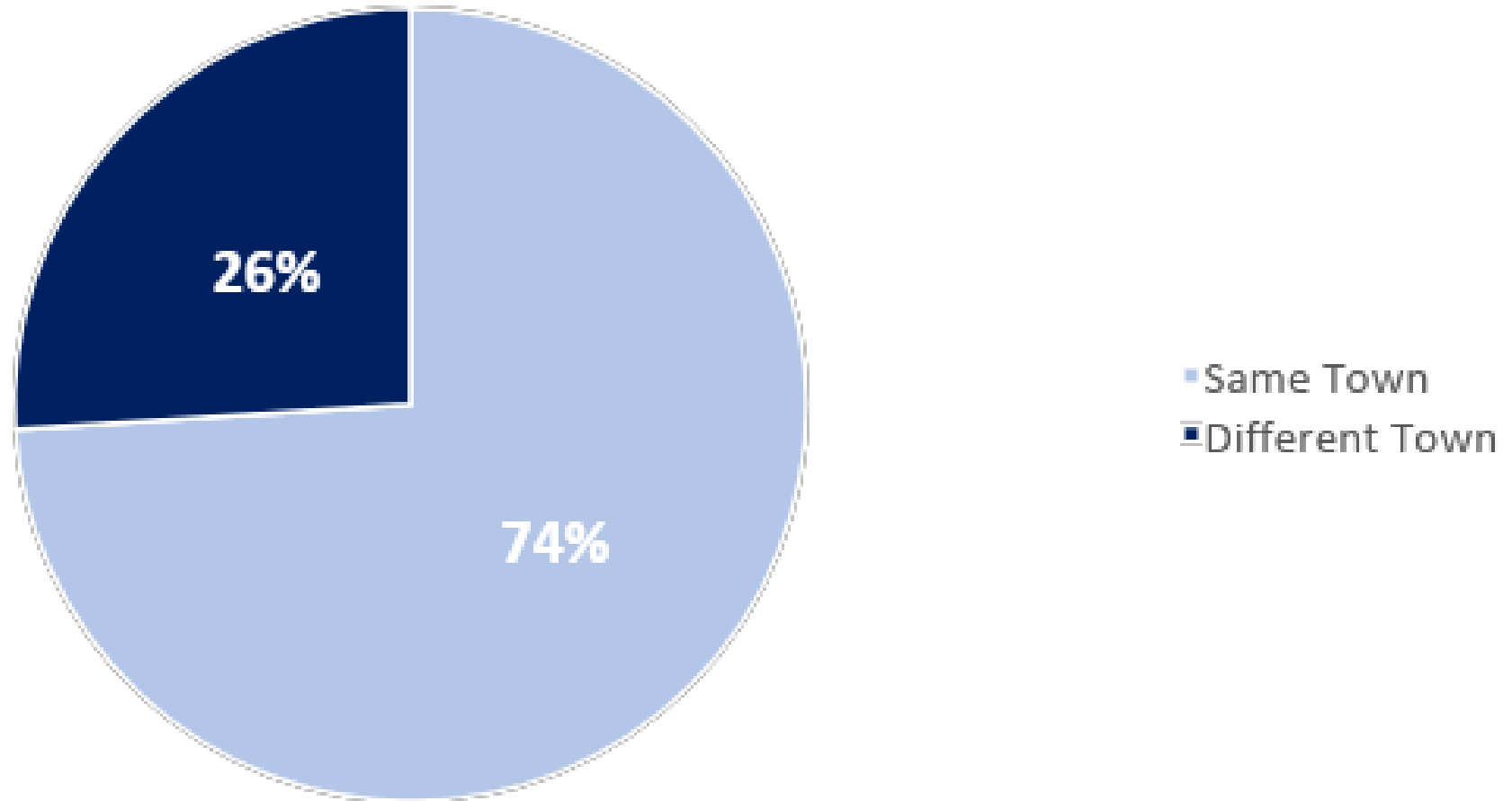


There was on average **14.6 at-risk individuals** identified per month, or 175 total, in the County in 2019. This is a **10% increase** over the 2018 monthly average of 13.3, or 159 total. The highest monthly totals occurred in March (21), May (21), and November (21). The lowest monthly total occurred in January (5).

2019 Overdose Incident Information

The following analysis involves the 1,285 fatal and non-fatal overdose incidents only

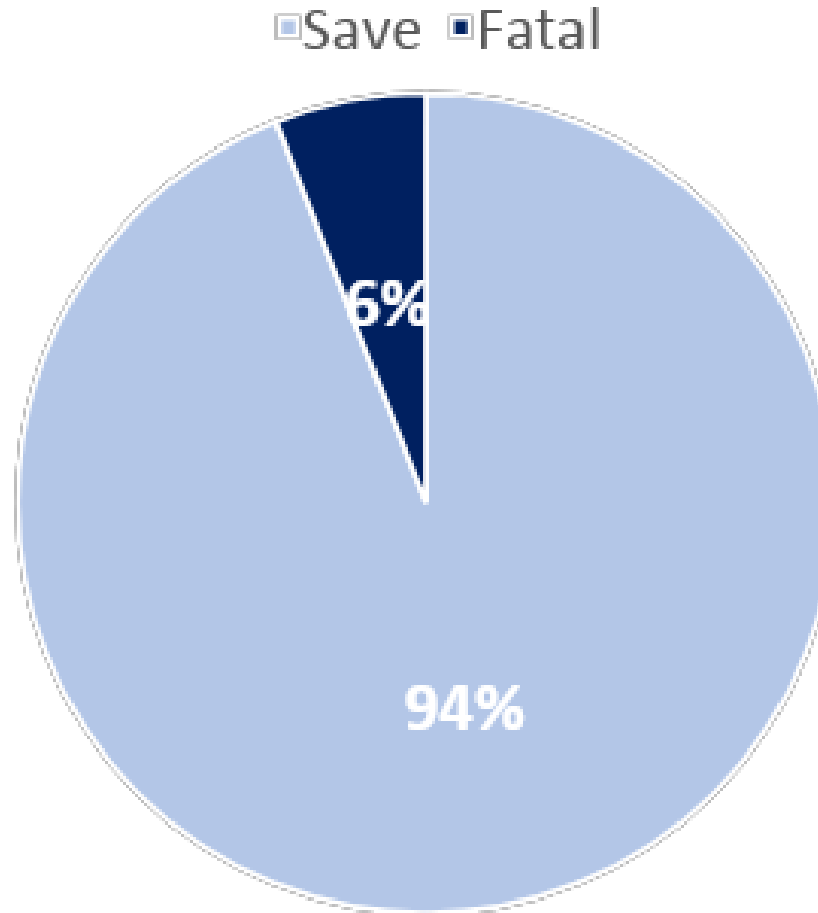
Incident vs. Resident Town



Seventy-four percent (945) of the overdose incidents occurred in the same town where the person lived. The remaining 26% (338) of the overdose incidents were multi-jurisdictional events, meaning the person overdosed in a different town than where they reside.

Naloxone “Saves”

Police = 42%
Fire = 33%
EMS = 28%
3rd Party = 25%



Naloxone was administered in **63% (808)** of the reported overdose incidents. **Ninety-four percent (762)** of these events were non-fatal, while 6% (46) of these overdoses resulted in a fatality

2019 Demographic Information

The following analysis includes information on all individuals involved in overdose incidents and at-risk referrals (1,460)

Total Individuals Involved

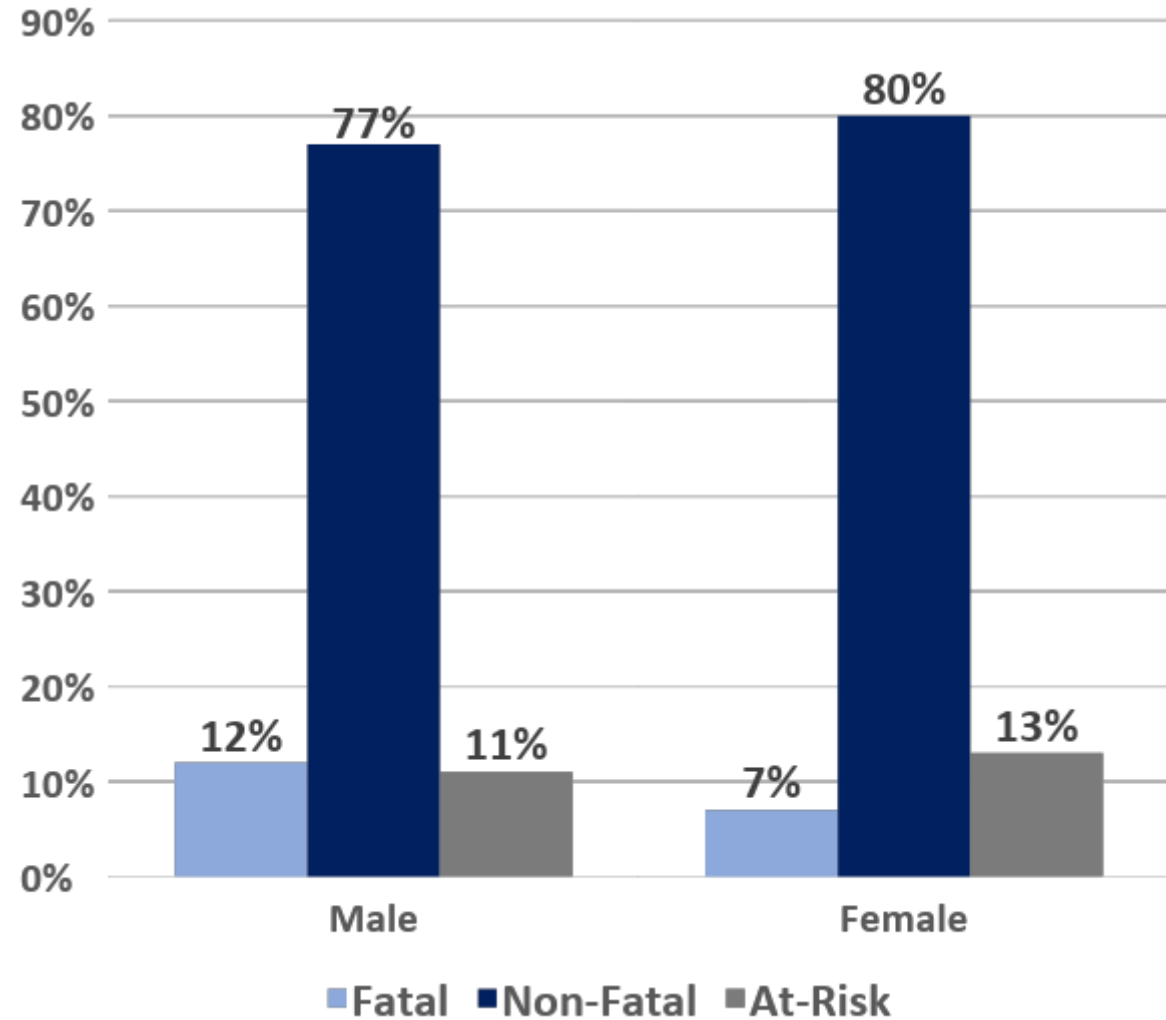
- The 1,460 overdose incidents and at-risk referrals involved **1,185 unique individuals**:
 - 998 (84%) individuals had one event recorded in CIMS in 2019
 - 135 (11%) individuals had two events recorded in CIMS in 2019
 - 34 (3%) individuals had three events recorded in CIMS in 2019
 - 7 (1%) individuals had four events recorded in CIMS in 2019
 - 7 (1%) individuals had five events recorded in CIMS in 2019
 - 3 (<1%) individual had six events recorded in CIMS in 2019
 - 1 (<1%) individual had nine events recorded in CIMS in 2019

Total Individuals Involved

- The 187 individuals with multiple events recorded in 2019 were involved in 462 (32%) of the reported overdose or at-risk incidents

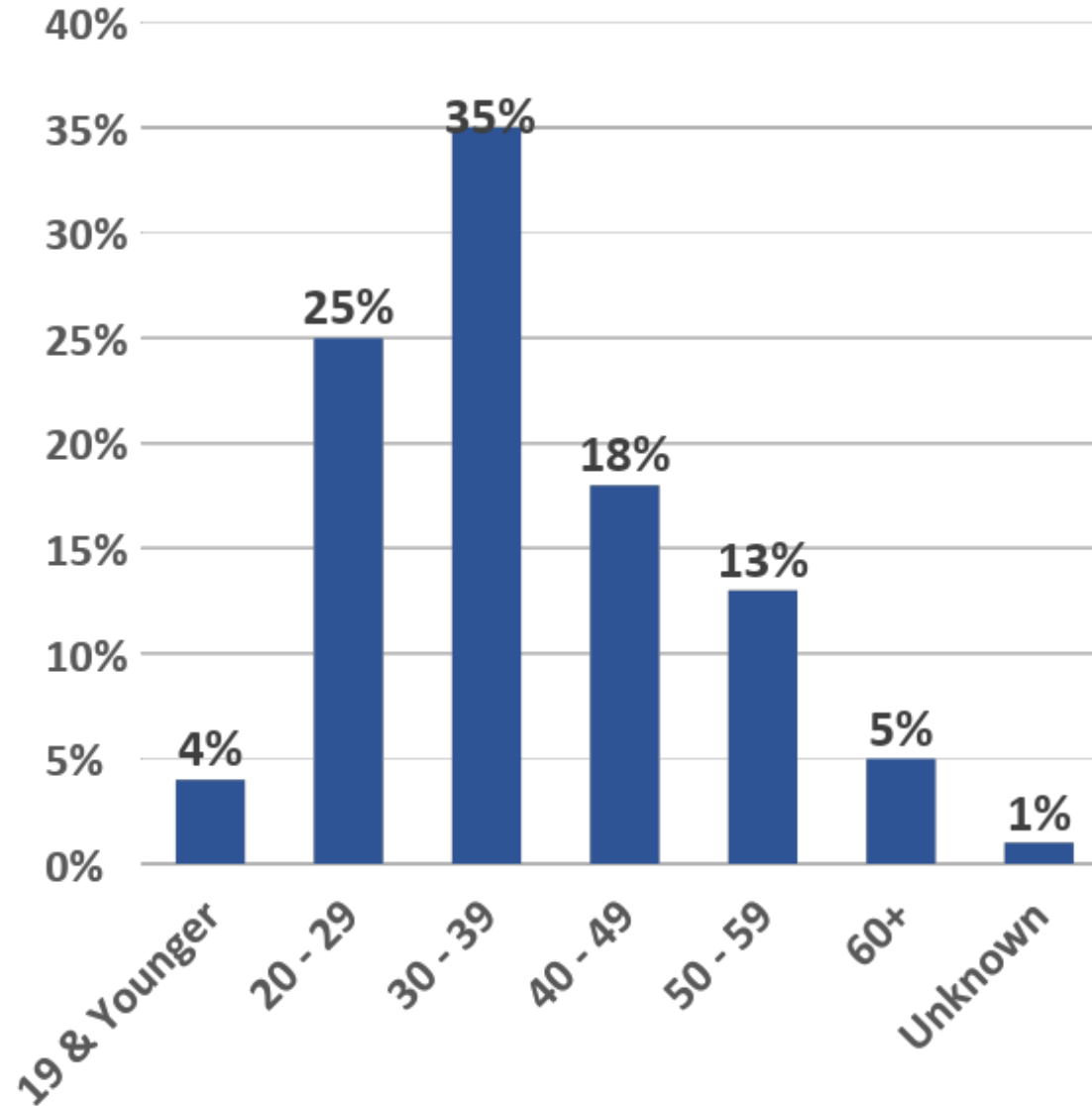
Gender

?	Male	771 (65%)
?	Female	413 (35%)
?	Other	1 (<1%)



Twelve percent (88) of males died as a result of their overdose event, while 7% (30) of females died following the OD.

Age Range



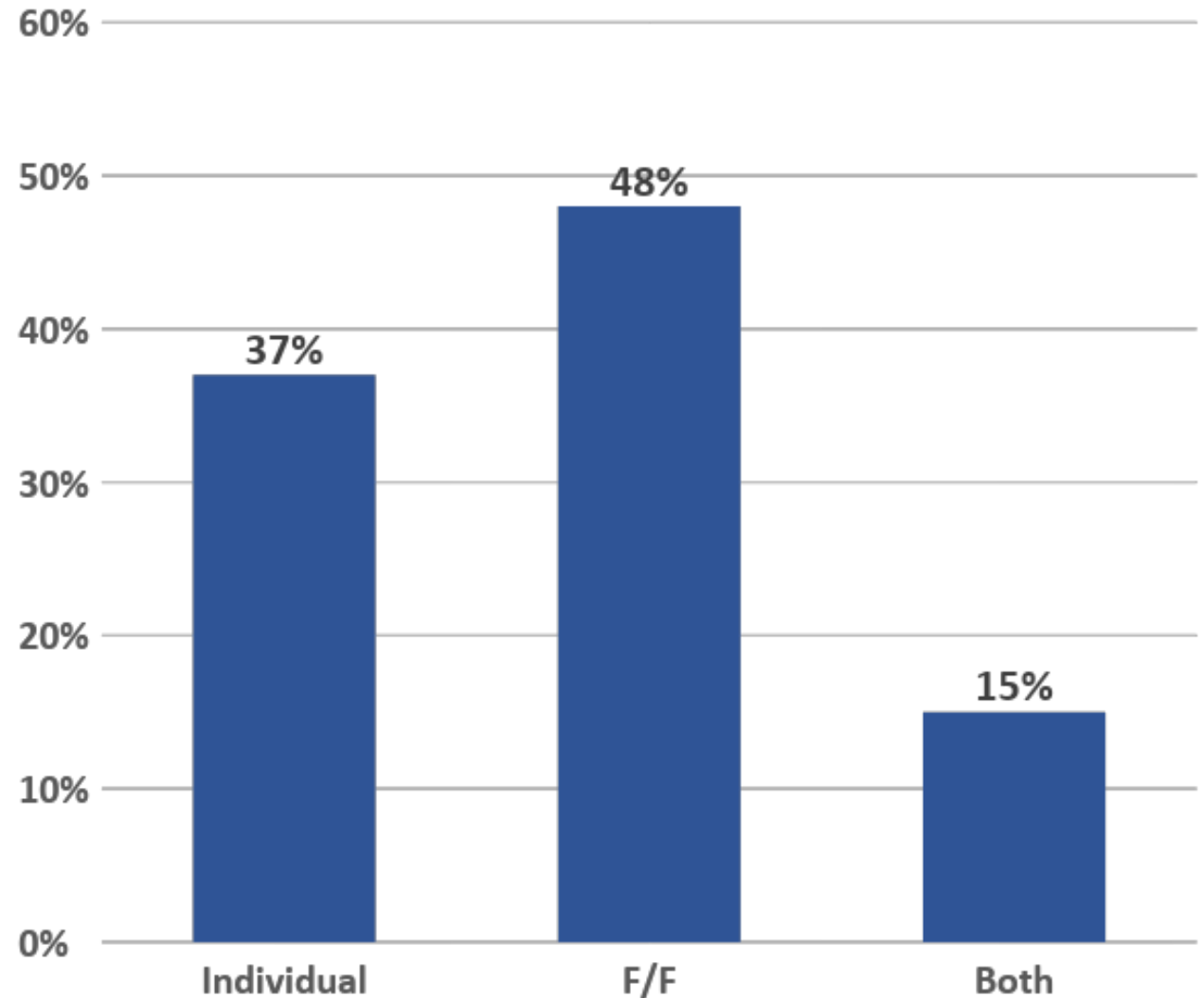
- **Sixty percent (706)** of the individuals who overdosed in 2019 were between the ages of 20 and 39
- The youngest fatal overdose involved a 19 year-old
- The oldest fatal overdose involved an 84 year-old

2019 Follow-up Visit Outcomes

Follow-Up Visit Contacts

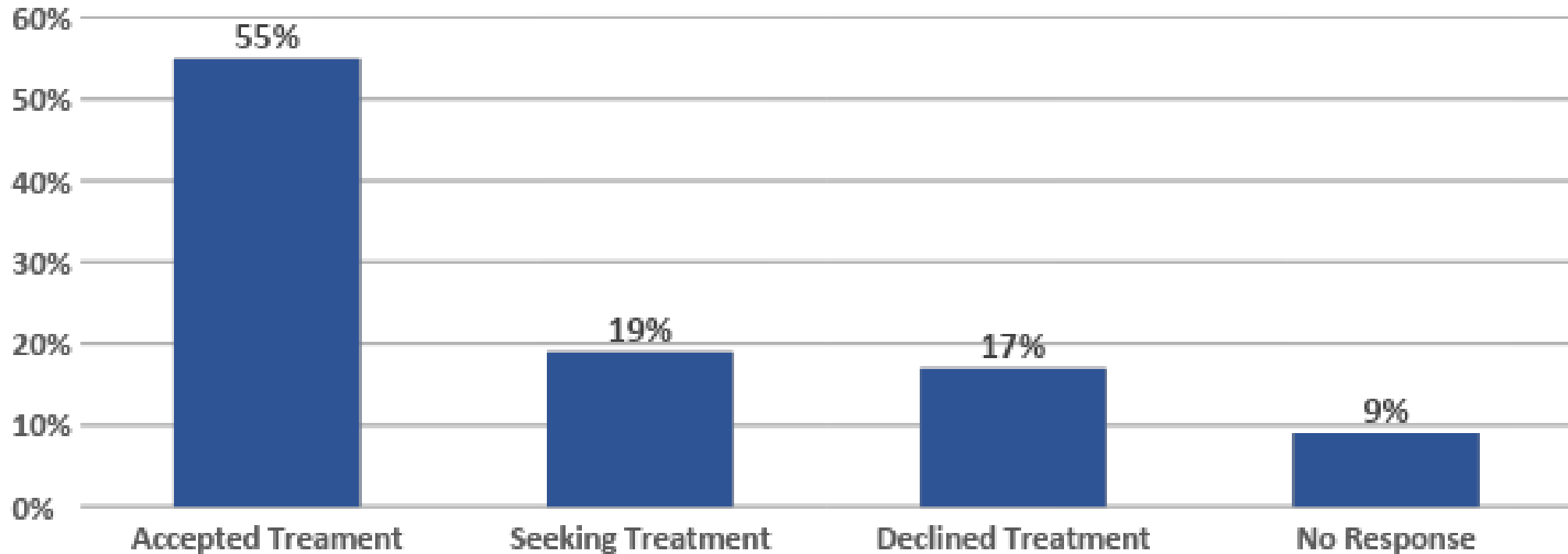
❓ **837 attempted home visits**

❓ **61% (514)** were successful in having contact with either the individual who overdosed, a family/friend, or both



Thirty-seven percent (190) of the successful follow-up visits (514) resulted in contact with the individual that had overdosed, **48% (247)** resulted in contact with Family/Friends, and **15% (77)** resulted in contact with both.

Successful Contact Outcomes



In **267 (52%)** of the successful follow-up visits (514) the Outreach Team had contact with the individual who had overdosed or was an at-risk referral. Of these 267 successful contacts: **55% (147)** resulted in the individual accepting treatment from the outreach team; **19% (50)** were already seeking treatment and **17% (47)** declined the treatment options.

COAP Tier 2 Initiative

COAP: Tier 2 List

- The initial Tier 2 Client List was created on April 1, 2019 and included nine individuals with three or more overdose incidents between 10/1/18 and 3/31/19
- The list is updated every two weeks
- As of December 26, 2019 there are 41 active individuals who were identified as Tier 2 clients including:
 - 38 who met the criteria of 3+ ODs in six months, and
 - 3 who were identified by the Tier 2 team as high-risk and appropriate for intensive case management

COAP: Tier 2 List

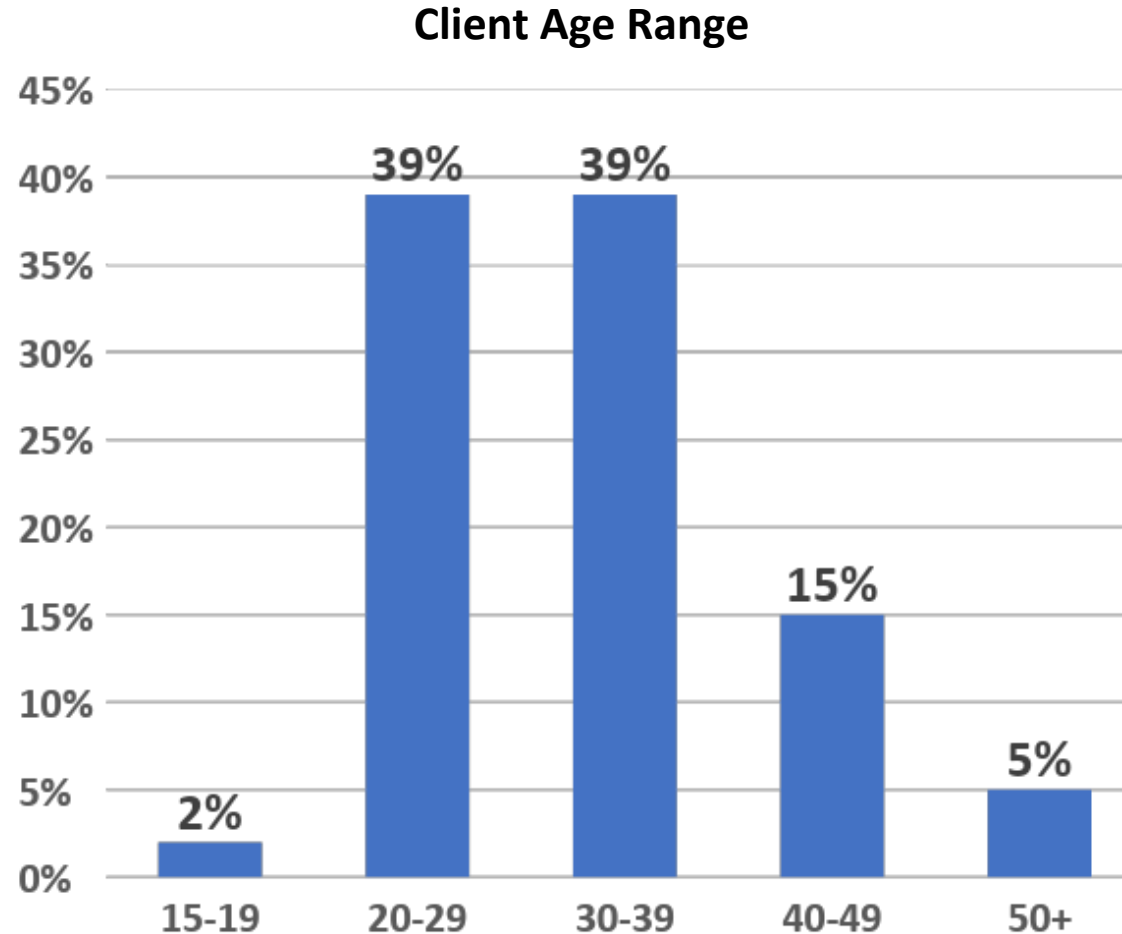
- As of December 26, 2019 there were another 7 individuals who had been moved to the **Inactive Tier 2** list
- Reasons for being moved to Inactive status include:
 - Incarceration for more than 6 months
 - Placement in long term treatment or medical facility
 - Dangerousness
 - Inability to locate a person after 6 months
 - Death

COAP: Tier 2 List

- As of December 26, 2019 the 41 active Tier 2 clients have been involved with:
 - **89 overdose incidents or at-risk referrals** within the past six months (6/26/19 – 12/26/19); and
 - **271 total overdose/referrals** recorded in CIMS

Tier 2 Client Demographics

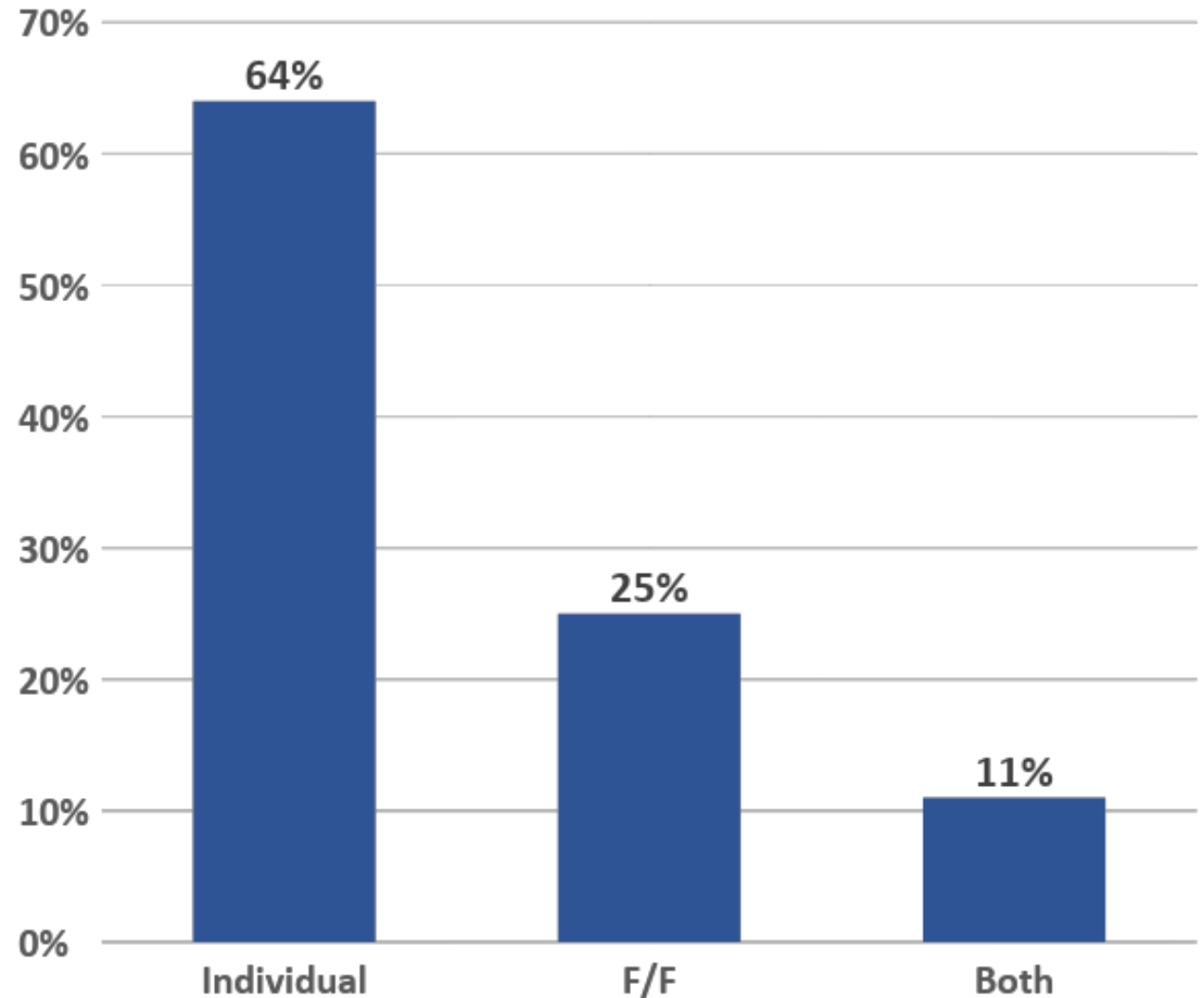
- ❓ **61% (25)** are Male
- ❓ **76% (31)** are categorized as White
- ❓ **56% (23)** are Brockton residents and **78% (18)** of these clients are Homeless in Brockton
- ❓ The remaining 18 people are from nine different towns



Most clients, **39% (16)**, are between the ages of 20 and 29 and another **39% (16)** are between the ages of 30 and 39. The youngest client is 18 and the oldest client is 53.

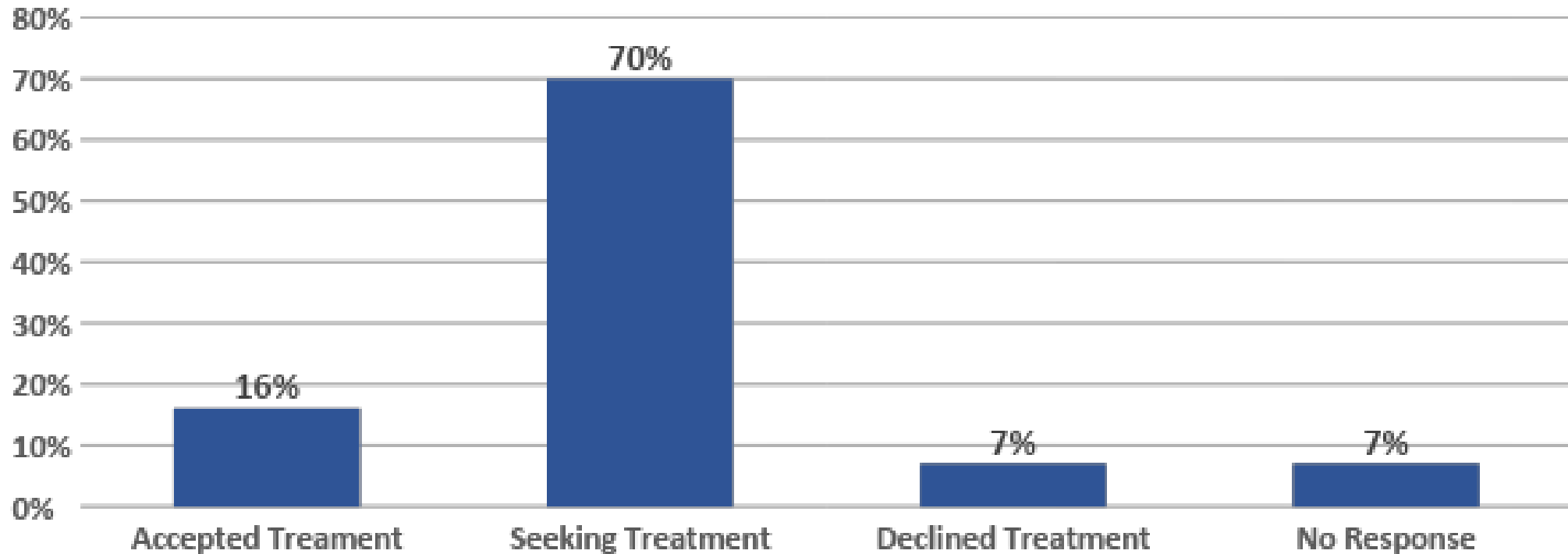
Tier 2 Follow-Up Visit Contacts

- ❓ **373 attempted follow-up visits (4/1/19 – 12/31/19)**
- ❓ **46% (170)** were successful in having contact with either the individual who overdosed, a family/friend, or both



Sixty-four percent (109) of the successful follow-up visits (170) resulted in contact with the individual that had overdosed, **25% (42)** resulted in contact with Family/Friends, and **11% (19)** resulted in contact with both.

Successful Tier 2 Contact Outcomes



Of the **128** of the successful follow-up visits where the Outreach Team had contact with the individual who had overdosed or was an at-risk referral **16% (20)** resulted in the individual accepting treatment from the outreach team; **70% (90)** were already seeking treatment; **7% (9)** declined the treatment options; and 7% (9) had no outcome response recorded in CIMS.

Questions and Answers

“So grateful that Police Departments all across Plymouth County are acting in a compassionate cohesive manner to bring help to those suffering with Substance Use Disorder as well as the family. It’s Community Policing at its finest!”

Susan Silva, PCO HOPE

“Plymouth County Outreach is such an outstanding example of the power of community collaboration and meeting individuals where they’re at.”

Kelly Macomber, PYDC

“Plymouth County Outreach is an amazing group of people coming together for one cause, helping those affected by Substance Abuse Disorder.”

Shannon DeMille, Clean Slate

“Great resource group to battle the addiction crisis. Thank you for helping those in need.”

Robin, Facebook Review

“This collective is transforming lives everyday and I have witnessed it first hand. Thank you for working to eradicate stigma on the South Shore and for raising the bar nation-wide on how to respond to this epidemic that is killing my friends and ripping families apart. God bless.”

Jeff, Facebook Review

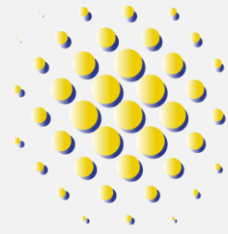
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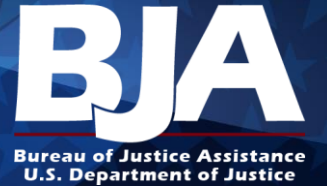
Chief Michael Botieri: Chiefbotieri@plymouthpolice.org



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