

RREACT: Rapid Response Emergency Addiction and Crisis Team



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Presented by:

Captain Matthew Parrish

RREACT & SPARC Program Director/EMS Supervisor
Fire Chief Jeffrey Happ's Executive Officer



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Welcome!

Columbus Fire by the Numbers

14th largest city
225 Sq. miles / 925,000 residents
1550 firefighters, EMT and EMTP
170,000 EMS runs per year
Single tiered system – All ALS
40 twenty-four hour medics



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What is RREACT:

- RREACT (Rapid Response Emergency Addiction and Crisis Team) began in 2017 as a response to the opioid epidemic in Columbus, Ohio.
- The **goal** of RREACT is to expand effective cross-system first responder programs that include victim service partnerships for survivors of non-fatal overdose who refuse immediate access to treatment.
- Key partners: Columbus Division of Fire (CDF), Columbus Division of Police (CDP), Central Ohio Area Agency on Aging (COAAA), Southeast, Inc., and the Franklin County Family and Children First Council (FCFCFC).
- RREACT operates within the CDF Training and Emergency Medical Services Bureau.

What does the RREACT Team do?

- The RREACT team acts as a transdisciplinary and first-responder program to provide patients who have experienced a non-fatal overdose with an easier link to opioid addiction treatment.
 - A team member from CDP works to find a reliable address for the individual and determines if this address is a safe one for RREACT outreach team to visit.
 - Members of the outreach team include a firefighter, a police officer, and a social worker. They arrive in a vehicle that identifies them as the RREACT Team.
 - If the individual who experienced an overdose is home, the RREACT team engages the person in prevention of future overdose by educating them on the administration of naloxone and providing them with naloxone if they do not have access to it.
 - They also ask them to consider entering treatment services. If an individual is interested in services, the team will work to gain admission to a facility.

RREACT's Primary Features

- ***Access to Treatment and Transportation Assistance:*** The RREACT team has an established relationship with Maryhaven's Addiction Stabilization Center (MASC) and other treatment providers and can often find an available treatment option immediately or with little wait time. The RREACT Team will transport the individual directly to treatment and accompany them into the facility, providing a warm hand-off to ensure they are admitted.
- ***Case Management Support:*** The RREACT Case Manager (CM) follows up with the individual while they are in treatment and assists them with linking to ongoing services.
- ***Services for Family Members and Children:*** A social worker from FCFEFC are available to provide personalized assessment and advocacy for linkage to services for children and family members.



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RReact team members pose with two new patient transport vehicles funded by Columbus City Council in 2019. From left is Resource Specialist Kirstin Buckner, Nicole Rowe, Social Worker Lisa Sacket, CPD Officer Adam Bell, Case Manager Amy Zimmerman, CPD Officer Kenneth O'Quin, CPD Officer Todd Koah, Firefighters Jason Salyers and Ron Penrod.



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CO-RESPONDER MODEL

Co-responder models vary in practice, but generally involve **law enforcement, medics,** and/or **clinicians working together** in response to calls for service involving a person experiencing a behavioral health crisis.

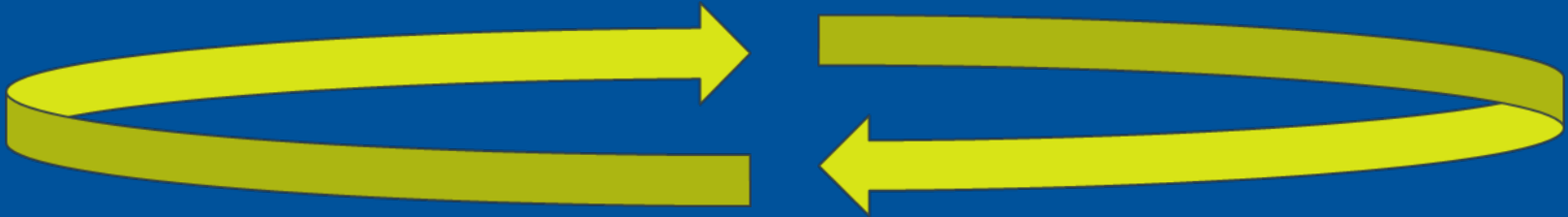


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Revolving Door:

Overdose → Narcan → ER (medically treated, referred for drug treatment) → Community → Overdose



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Community Stakeholders – 2017

- Hospitals, Public Health, ADAMH, Treatment providers & Key Public & Private Stakeholders
- **Hospitals** – Patients “eloping”
- **Treatment providers** – Limited options
- **Public Safety** – Calls increasing
- **Courts** – Limited options – Jail wasn’t the answer
- **Private Industry** – Work Force and Productivity



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Community Problems require a Community Response

2017- ADAMH Board funds RREACT Program

- Rapid Response Emergency Addiction Crisis Team
- Partnership: CFD Paramedic with Southeast Health Social Worker
- 3% in 2016 to over 20% in 2018
- 800 Patient encounters in 2017 May-Dec out of 3000 plus patients
– Can't keep up
- Lack of access to in-patient treatment options



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2018 Expansion of RREACT

- Southeast provides coverage hospitals
- CFD Partners with CPD for outreach- **AG Grant**
- CFD embeds a Social Worker within RREACT
- **Maryhaven Addiction Stabilization Center**
- Columbus Fire becomes a Project DAWN site



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CO-RESPONDER MODEL

2019- RREACT Expansion –BJA Grant

Bureau of Justice Grant brings on new partners

Franklin County Family and Children's First Council

Central Ohio Area Agency on Aging



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2019 RREACT Expansion

- Awarded **SAMHSA & CDC Grants**
- 4 CFD Paramedics
- 4 full time – **CIT trained CPD officers assigned**
- 3 outreach teams- 18 Team Members
- 7 Clinicians – LSW's, Case Managers, CDC's, Project Manager
- CFD – CPD – COAAA – SOUTHEAST – FCFCFC – Primary One Health



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Training for the RREACT Team

Building Better Lives Training with FCFCFC

- Strives to increase the understanding and impact that complex developmental trauma (toxic stress) has on the brain development and behavior of adults and infants as well as discover how to use this information to better engage individuals, families and children.
- Includes the application and integration of trauma-competent skills that equip service providers to not only respond to the complex needs facing our community, but also build more equitable and resilient systems of care.

Adverse Childhood Experiences

Traumatic events that can have negative, lasting effects on health and wellbeing



People with 6+ ACEs can die

20 yrs

earlier than those who have none



1/8 of the population have more than 4 ACEs



www.70-30.org.uk
@7030Campaign

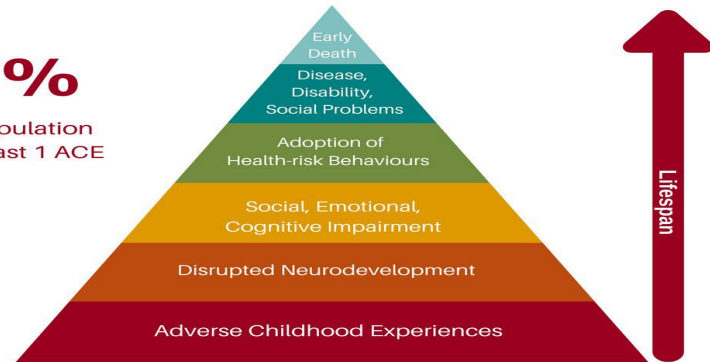
4 or more ACEs

3x	the levels of lung disease and adult smoking		11x	the level of intravenous drug abuse	
14x	the number of suicide attempts		4x	as likely to have begun intercourse by age 15	
4.5x	more likely to develop depression		2x	the level of liver disease	

“ Adverse childhood experiences are the single greatest unaddressed public health threat facing our nation today ”

Dr. Robert Block, the former President of the American Academy of Pediatrics

67%
of the population have at least 1 ACE



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Evaluation of RREACT

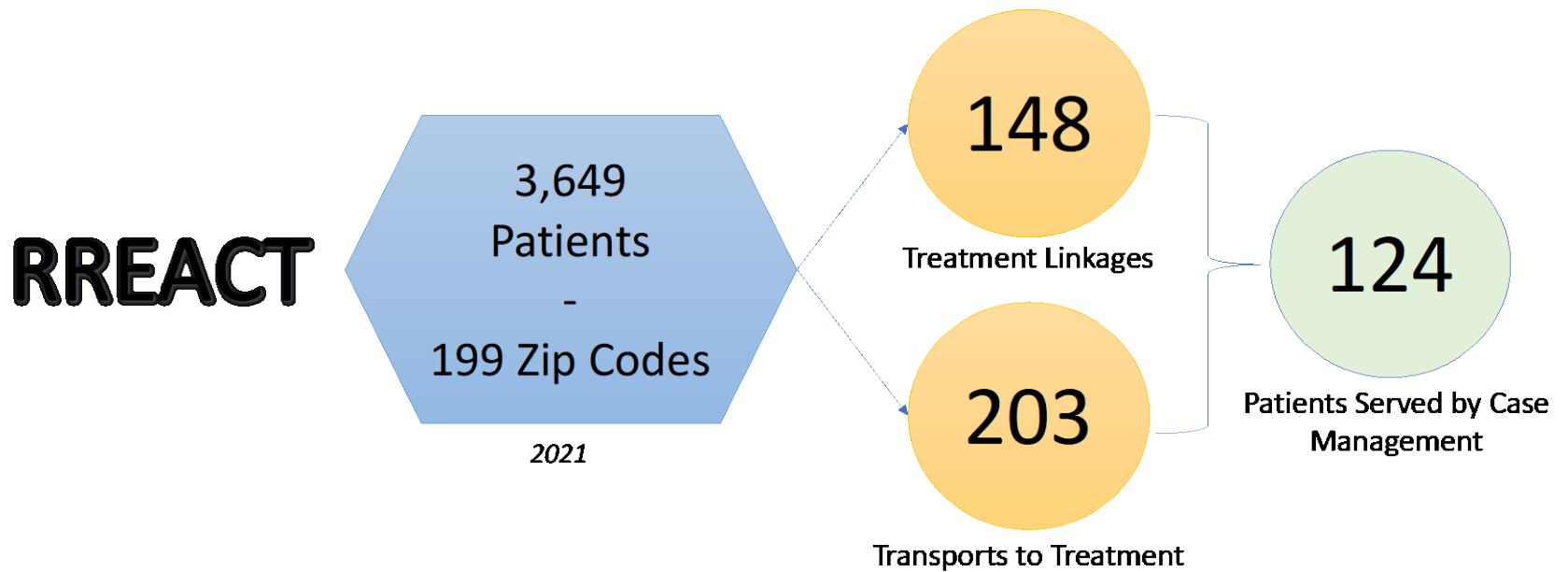


- Data analysis led by Rebecca J. McCloskey, PhD, MSW, LISW-S, Director of Evaluation at Mighty Crow.
- Collaboration with the RREACT Team and the team at Emergency Networking is essential to our process.

Key Findings

- Between January and December 2021, RREACT attempted to contact with 3,649 unduplicated patients.
- To reach these **3,649** persons, RREACT made 8,324 attempted contacts across at least **199** zip codes.
 - Through those contacts, the RREACT Team had 845 direct patient contacts with **691** unduplicated patients.
 - RREACT made **203** transports to treatment (31 patients were transported multiple times).
 - Of the 691 patients that were directly contacted by RREACT, **170** unique individuals accepted transport to treatment (4.66% of total patients; 24.60% of total patients directly contacted).
 - The RREACT case manager provided support, advocacy, and resource linkage to **124** patients.

Key Findings



Education and Community Outreach Events

- In 2021, the RREACT team participated in **142 education and community outreach events, reaching over 3,200 individuals.** Events included education about the RREACT program, the impact of trauma and the COVID-19 pandemic on mental health and substance use, CPR training, as well as various harm reduction activities (e.g., Narcan administration training and distribution; distribution of Fentanyl test strips).



Education & Community Outreach
Events

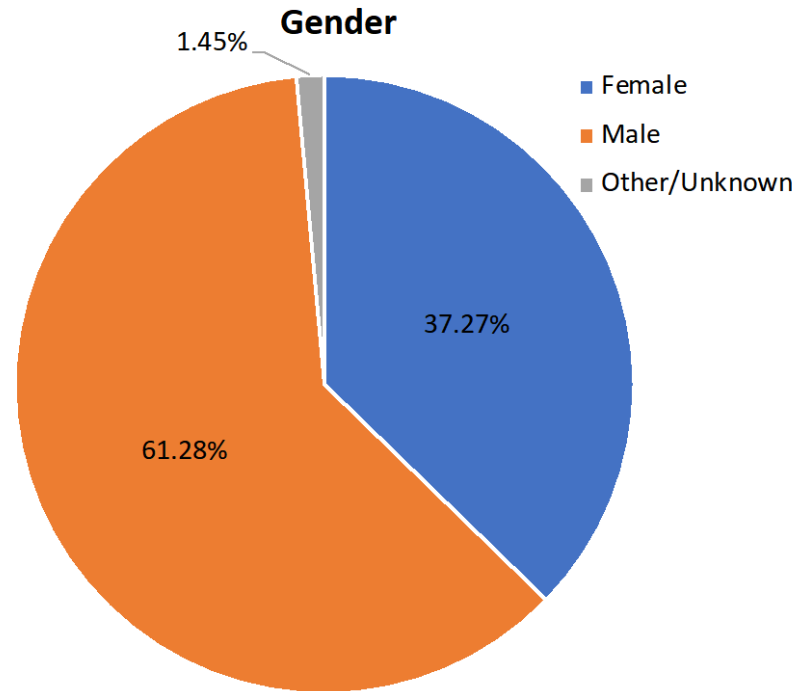


Individuals in Attendance

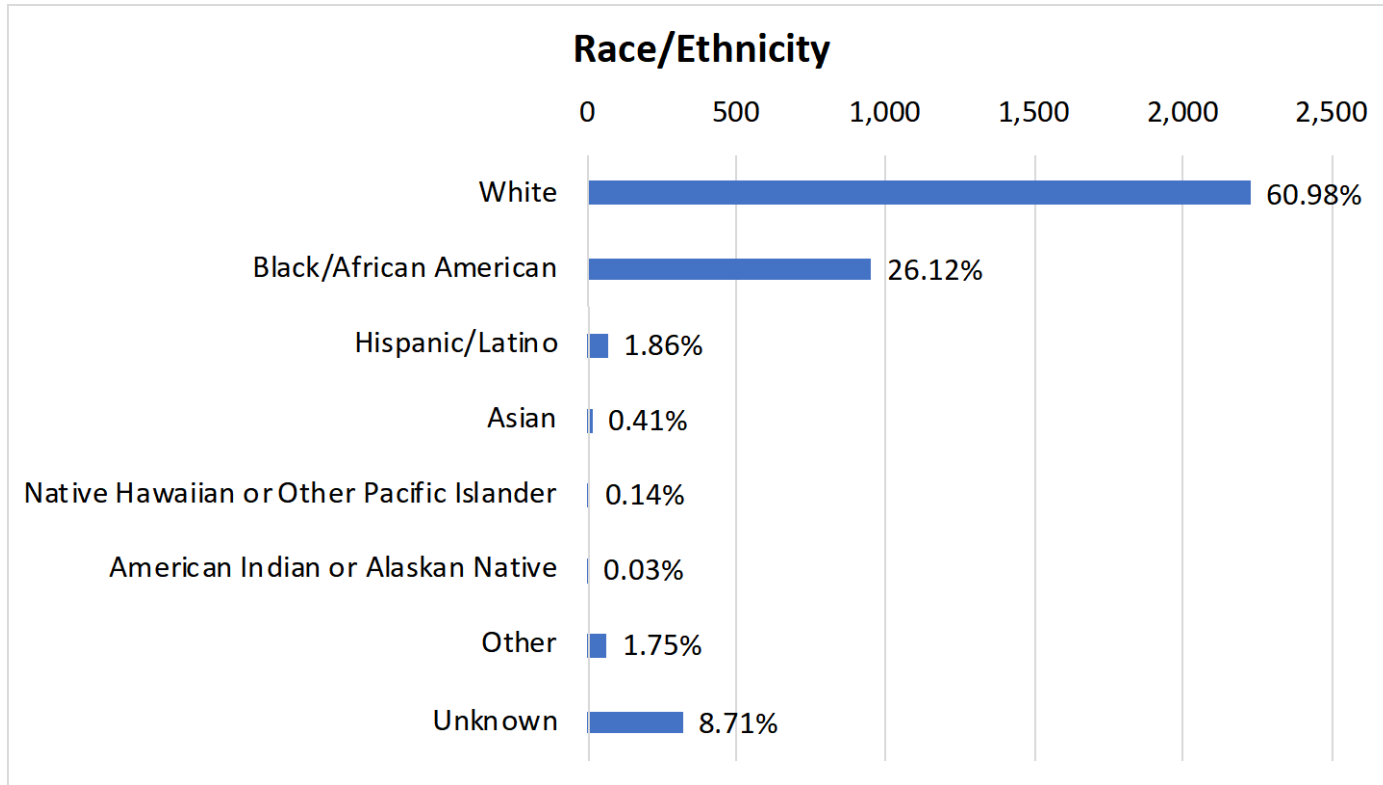
Demographics

In 2021, the RREACT team attempted to outreach with 3,649 people referred through various sources.

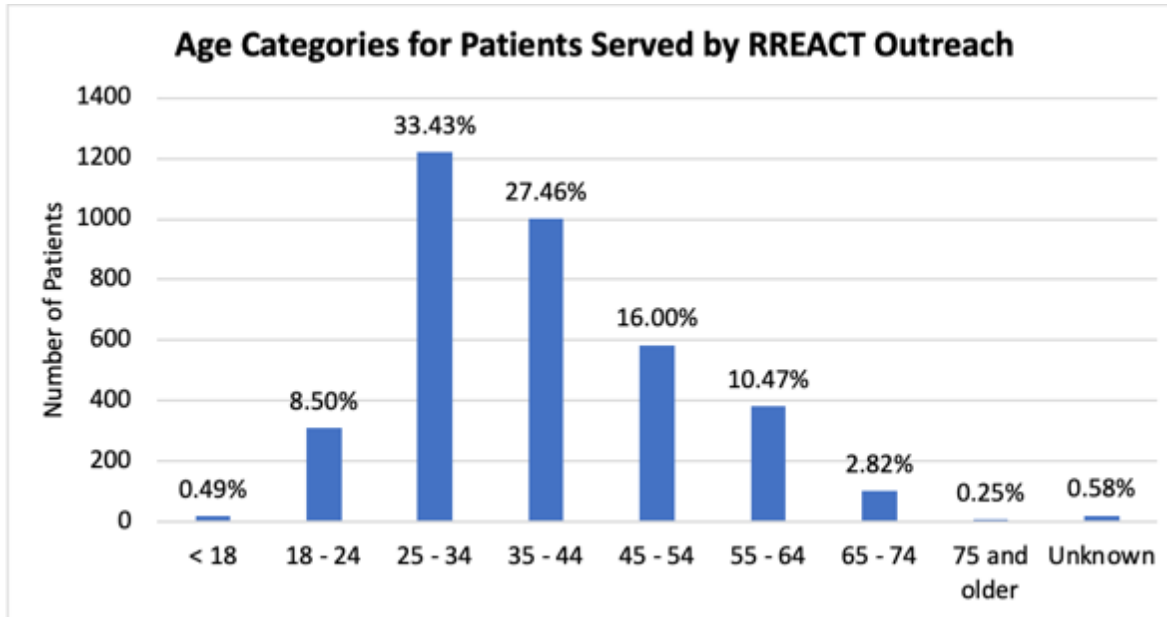
Gender	n	%
Female	1,360	37.27
Male	2,236	61.28
Unknown	53	1.45
Total	3,649	100.00



Demographics

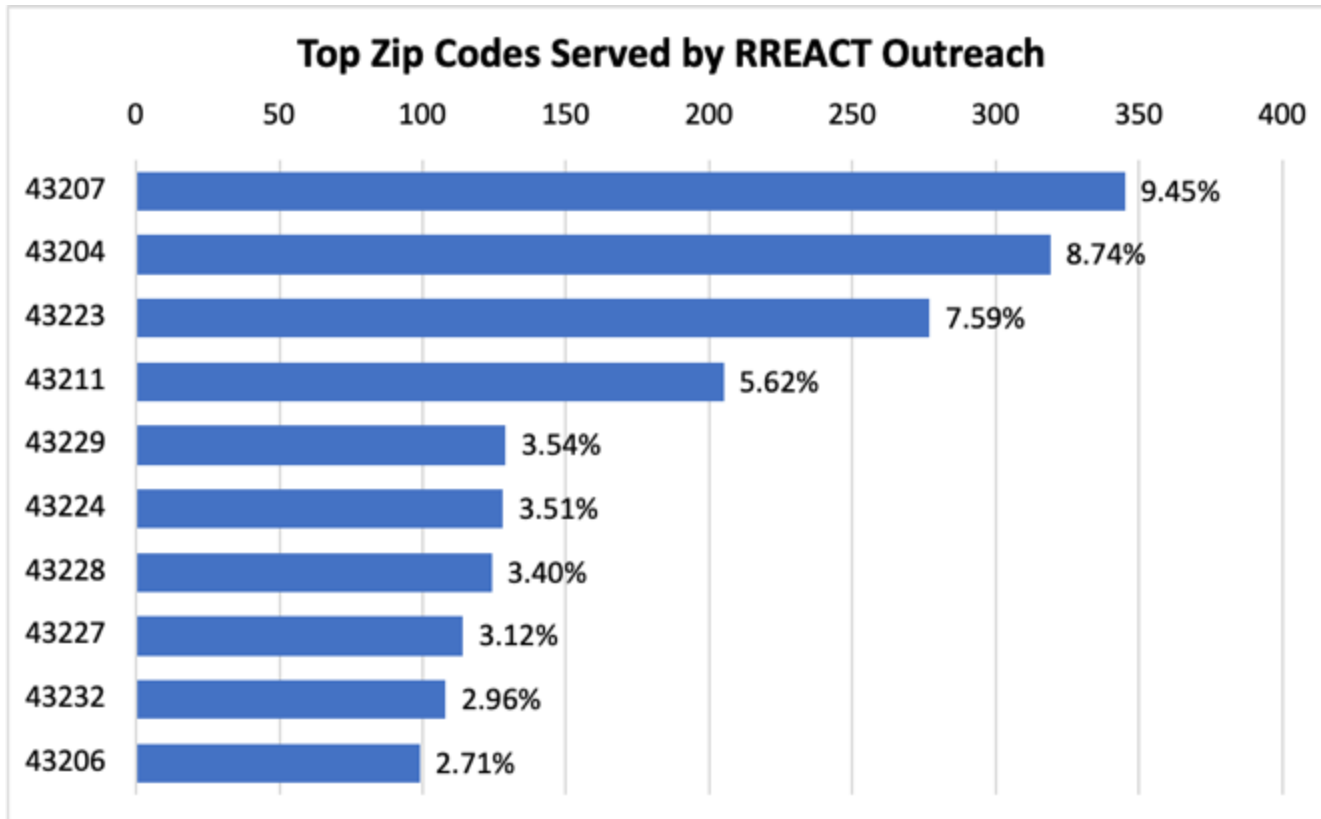


Demographics



Age	n	%
< 18	18	0.49
18 - 24	310	8.50
25 - 34	1,220	33.43
35 - 44	1,002	27.46
45 - 54	584	16.00
55 - 64	382	10.47
65 - 74	103	2.82
75 and older	9	0.25
Unknown	21	0.58
Total	3,649	100.00

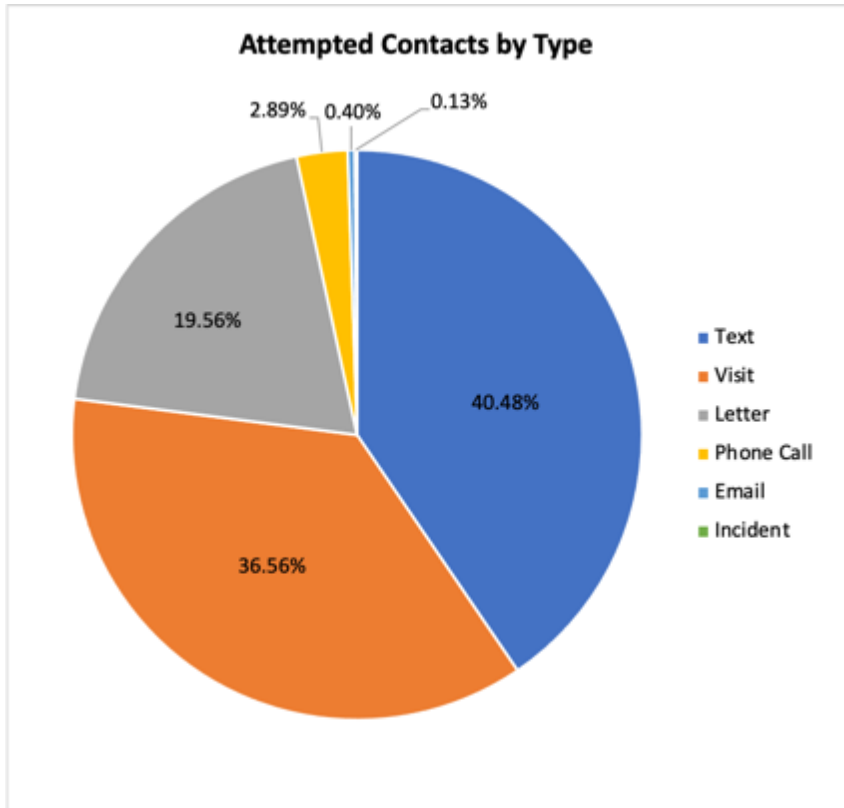
Zip Codes



Referrals

Referral Sources for RREACT Outreach	<i>n</i>	%
ESO (CDF Overdose Incident Report)	7,814	93.87%
Local Township	359	4.31%
Agency	38	0.46%
CDF	37	0.44%
Encounter	23	0.28%
Call/Text	6	0.07%
CDP	14	0.17%
Event Outreach	9	0.11%
Unknown/Other	24	0.29%
Total	8,324	100%

Attempted Contacts

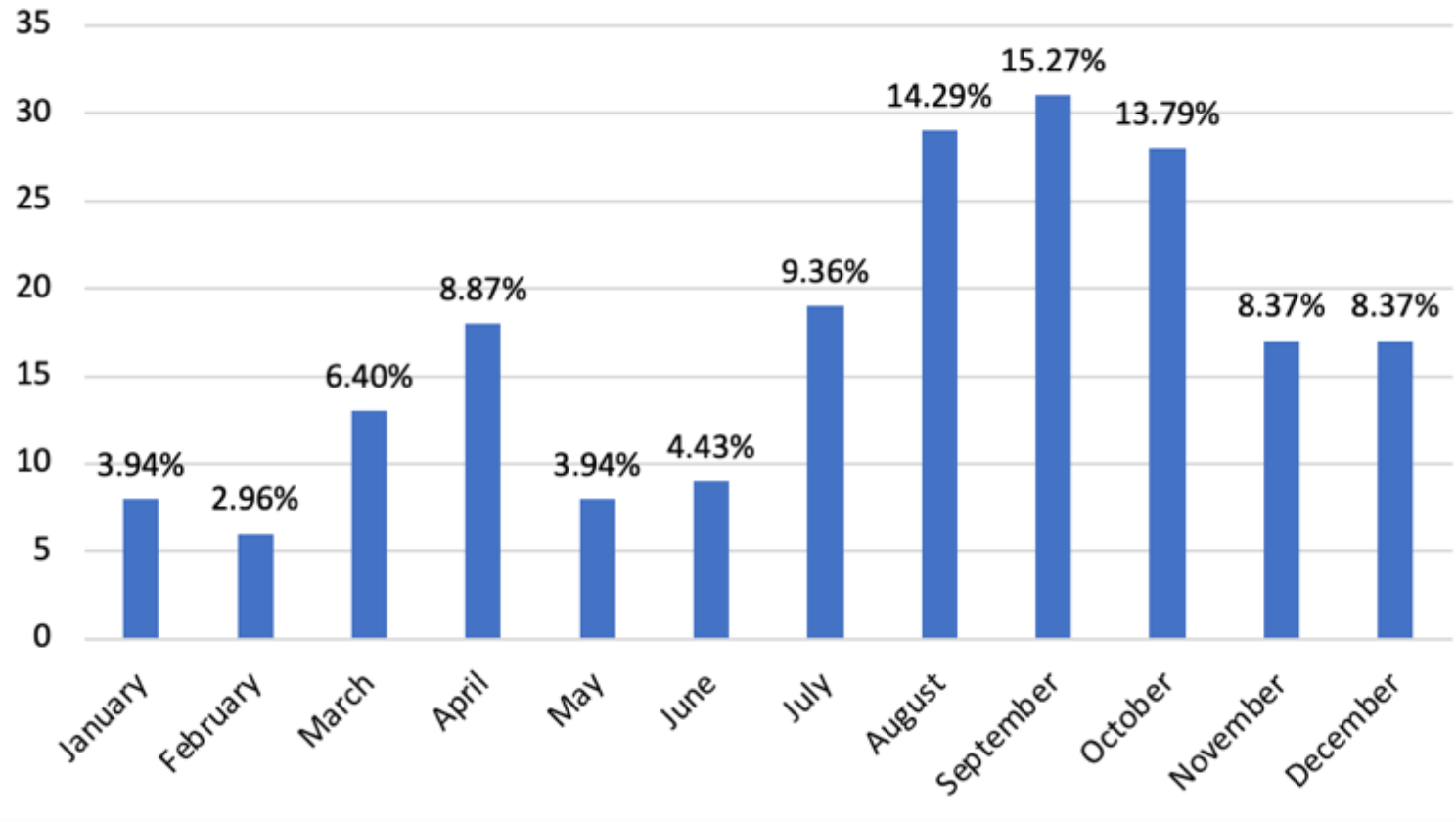


Contact Type	n	%
Text	3,546	40.48
Visit	3,201	36.56
Letter	1,713	19.56
Phone Call	253	2.89
Email	35	0.40
Incident	11	0.13
Total	8,759	100.00

Transports to Treatment

Transports by Month (2021)	n	%
January	8	3.94
February	6	2.96
March	13	6.40
April	18	8.87
May	8	3.94
June	9	4.43
July	19	9.36
August	29	14.29
September	31	15.27
October	28	13.79
November	17	8.37
December	17	8.37
Total	203	100.00

Transports to Treatment by Month, 2021



How has RREACT Impacted First Responders?



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COMPASSION Fatigue is REAL!!!

- Pay attention to your employees & providers
- Most of them are dealing with this professionally and personally



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RREACT Buddies and After-School All Stars



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Community

Approved For Posting By Fire Chief

CFD RREACT PRESENTS

Community Safety Day

April 30th 10 AM - 2 PM

Columbus Fire Training Academy
3639 Parsons Ave.
Columbus, Ohio 43207

For More Information Email:
RREACT@Columbus.gov

Spring Clean Your Medication Cabinet

- DEA Drug Take Back
- Free Naloxone With Training
- Free Food By Jordan's Crossing
- Help Water the Lawn With the Fire Hose

Join Our Community Partners – Offering Vaccines, Goodies,
Information, Resources & Therapy Dogs



 **RECOVER FOR LIFE**
Franklin County Public Health

 **JORDAN'S CROSSING**

 **NATIONWIDE CHILDREN'S**
The world's best hospital for growing children

RREACT Alumni Group



**RREACT
ALUMNI**



Linking
Columbus & Franklin County
to Recovery



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Preservation of Life –

Bridge to Tomorrow

Compassion-

Treat Substance use disorder like all the other diseases

Connection –

Community, Faith, Trusted Adults (Protective Factors)



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Columbus Division of Fire - CPD

RREACT

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614-330-3413



Thank you!



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