

# Overdose Surveillance Monthly Report

Palm Beach County, FL

Overdose Data to Action (OD2A)  
Overcome/Overdose

## April 2022

**EMS Events: 513**

2% increase from previous month

**ED Visits: 562**

17% decrease from previous month\*

**Heroin: 8% Fentanyl: 5%**

By ED chief complaints and diagnosis

Data: ESSENCE-FL and Biospatial, April 2022

\*March report reported overdoses on opioids, benzodiazepines, and stimulants. April data additionally includes unspecified drug overdoses. March ED visits including unspecified drug overdose was 674.

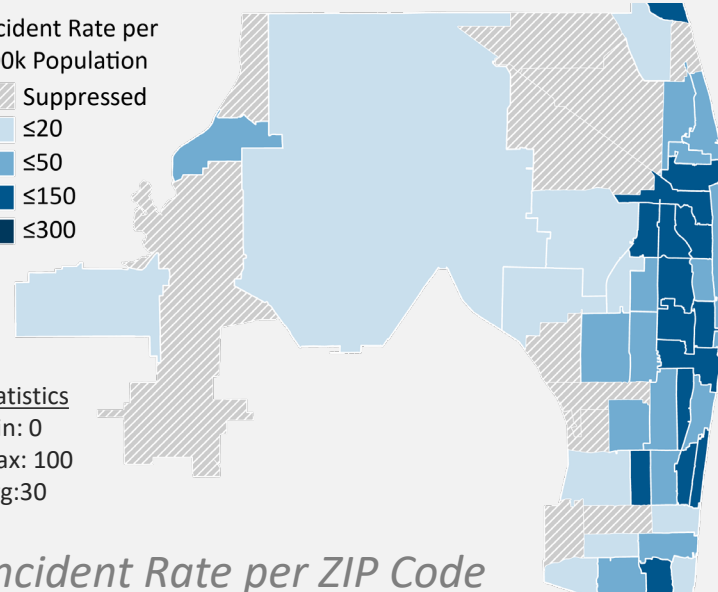
Incident Rate per 100k Population

- Suppressed
- ≤20
- ≤50
- ≤150
- ≤300

Statistics

Min: 0  
Max: 100  
Avg: 30

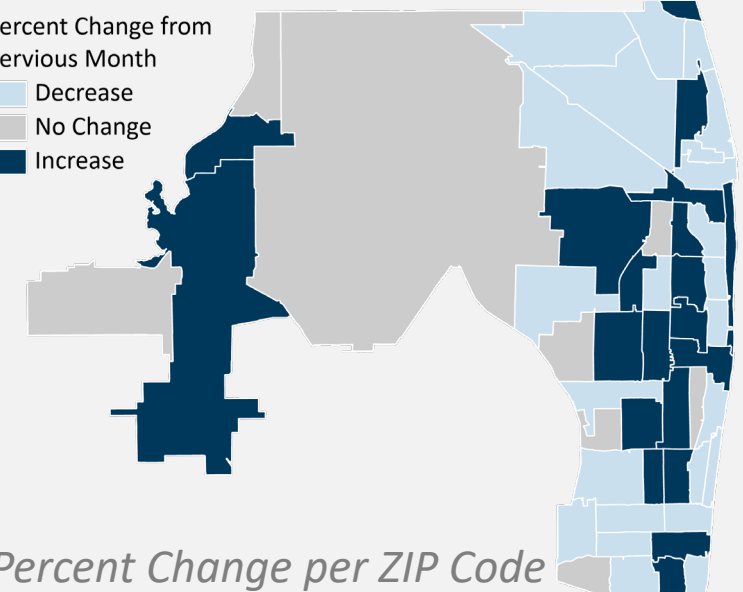
Incident Rate per ZIP Code



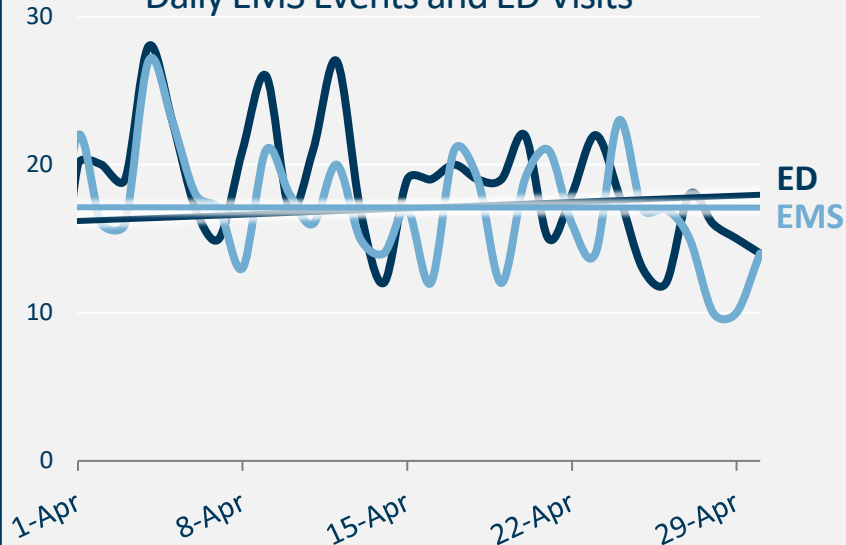
Percent Change from Previous Month

- Decrease
- No Change
- Increase

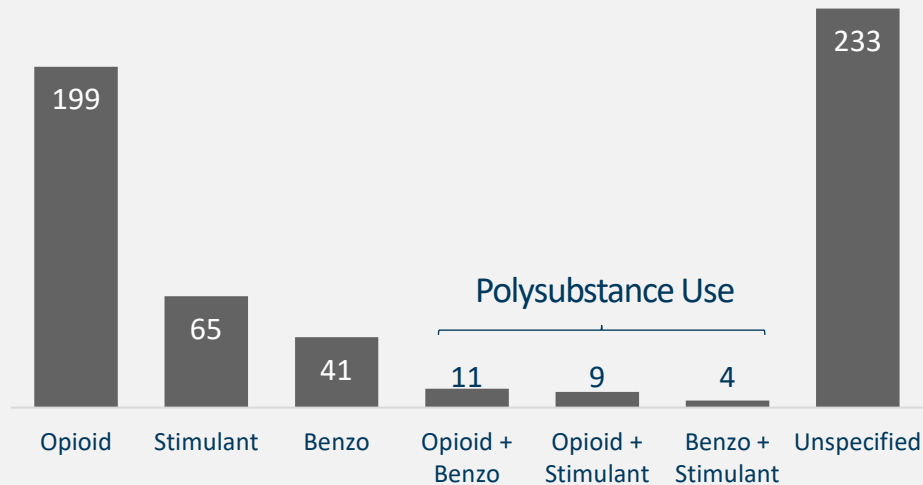
Percent Change per ZIP Code



Daily EMS Events and ED Visits



Opioids were the most reported substance in ED visits that reported a type of substance



**Monday** had the most EMS events of any day of the week



25% of EMS events occurred between the hours of **3pm and 7pm**

**1.87 mg**

Average naloxone dosage given by EMS

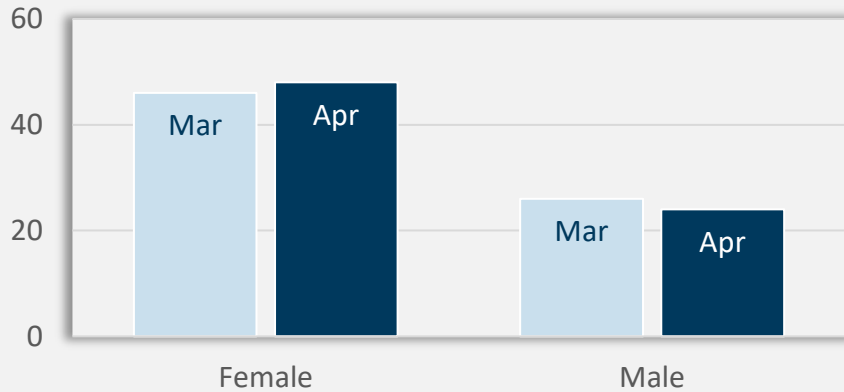


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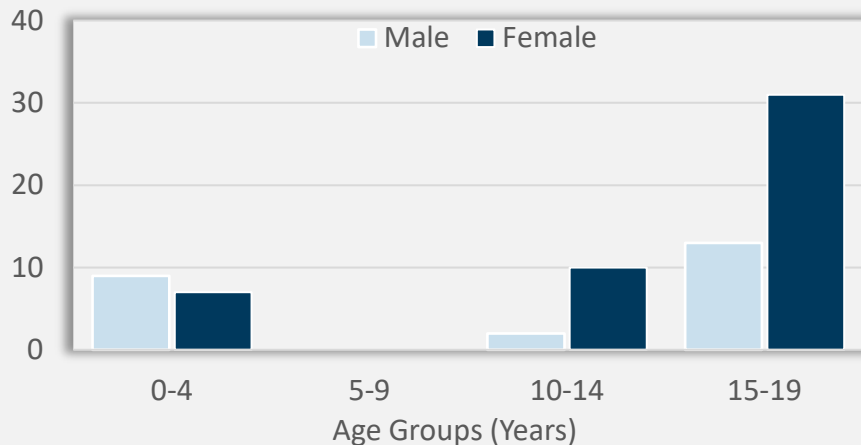
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## Suspected Overdose in Youth Aged 0-19 Yrs



**1 in 2** suspected overdoses in youth had diagnoses of depression, anxiety, other mental illness, and/or self-harm attempts

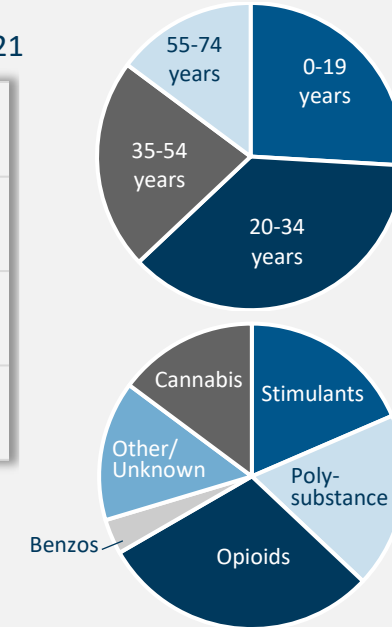
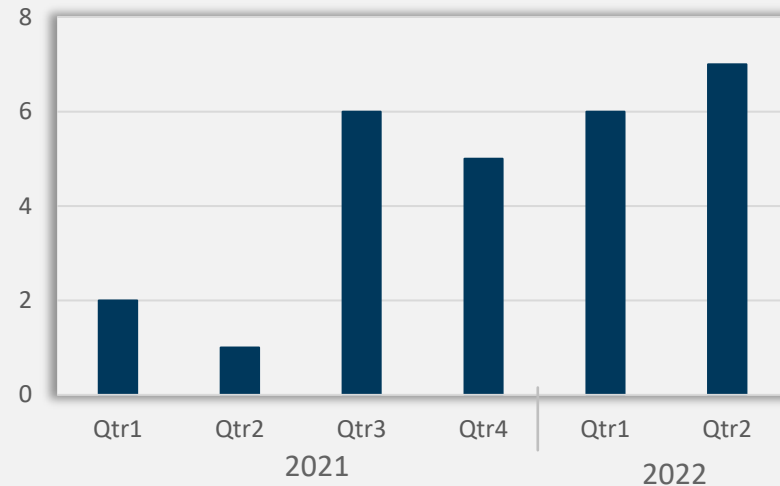


## Monthly Highlight

### Trends in Overdoses Among Indigenous Populations\* in Palm Beach County

Palm Beach County emergency department syndromic surveillance data collected from February 2021 to April 2022 show that the Indigenous population experienced a non-fatal overdose incidence rate of **2.6 per 1,000 population**.

Overdoses among indigenous people increased since 2021



**Age Groups**  
A quarter (25%) of overdoses occurred in individuals 19 years of age or younger

**Substance Use**  
The type of substance ingested was relatively evenly distributed with opioids accounting for the largest proportion

### What you need to know:

- Indigenous populations in the US have the highest overdose mortality rate of any racial group (41.4 deaths per 100,000) in 2020<sup>1</sup>
- In Palm Beach, 7% of the cases were intentional/self-harm overdoses
- 26% of EMS calls were to public spaces such as parks

\*Indigenous includes American Native/Alaskan Indian, Native Hawaiian/Pacific Islander.

<sup>1</sup>Friedman JR, Hansen H. Evaluation of Increases in Drug Overdose Mortality Rates in the US by Race and Ethnicity Before and During the COVID-19 Pandemic. JAMA Psychiatry. 2022;79(4):379-381. doi:10.1001/jamapsychiatry.2022.0004

