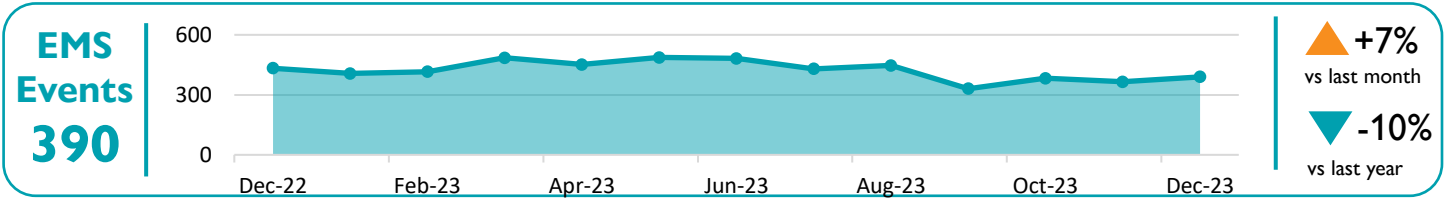


What is syndromic surveillance (SS)? Syndromic surveillance is a public health system for detecting and monitoring health events. Overdose data is reported by emergency departments (EDs) through Early Notification of Community-Based Epidemics (ESSENCE-FL) and by emergency medical services (EMS) through Biospatial. All overdoses in this report are considered *suspected* until thoroughly reviewed. Data is provisional, subject to change, and may not represent the true burden of overdose in the county.



Map Key

Change from Last Month

Decreased

No Change

Increased

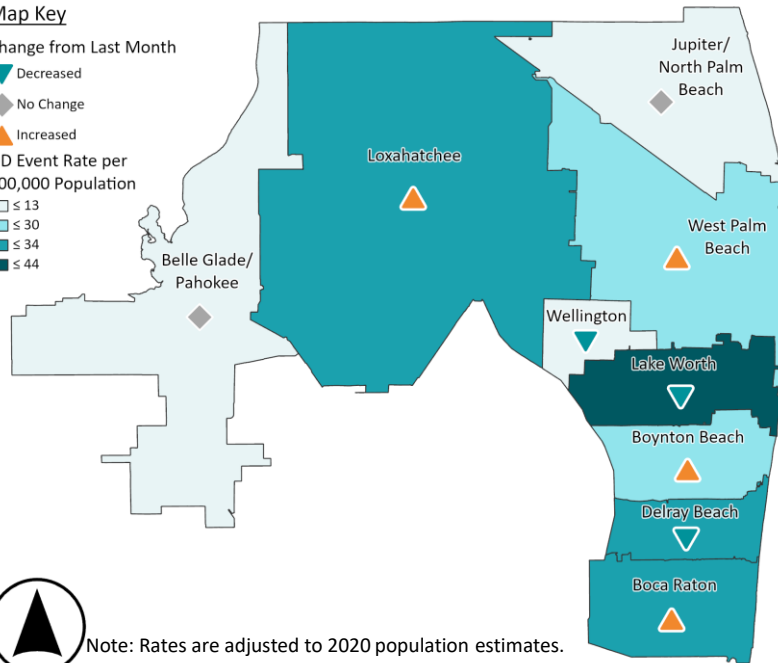
OD Event Rate per 100,000 Population

≤ 13

≤ 30

≤ 34

≤ 44

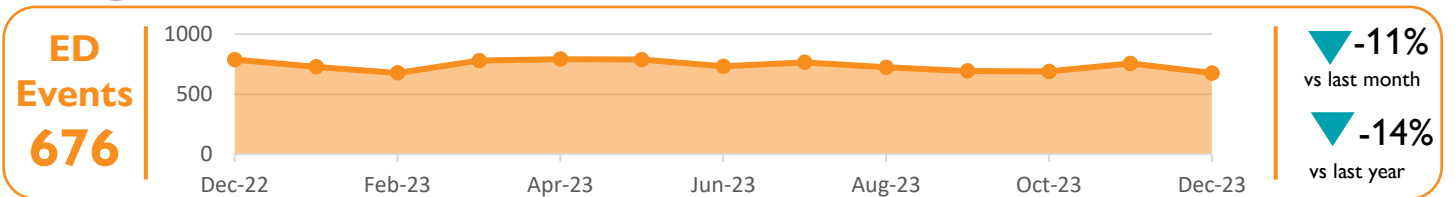


EMS Overdose Events

- Events listed are for all substances.
- Boca Raton had the largest increase from the prior month, up 93%.
- Lake Worth had the highest rate, at 36.1 per 100,000 population.



Note: Rates are adjusted to 2020 population estimates.

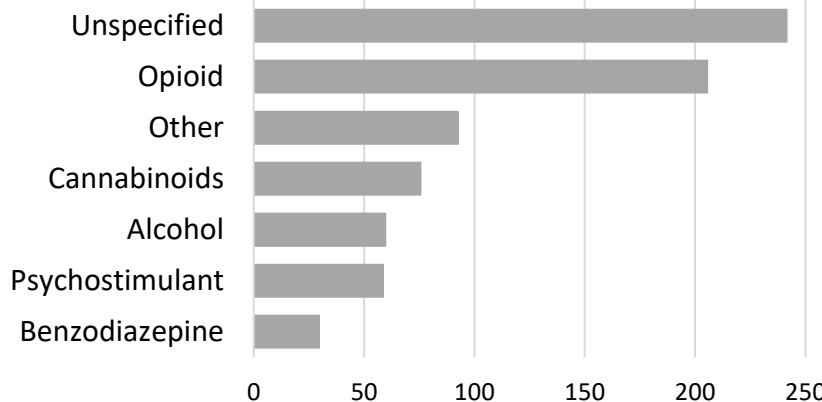


Peak Day:
Sunday

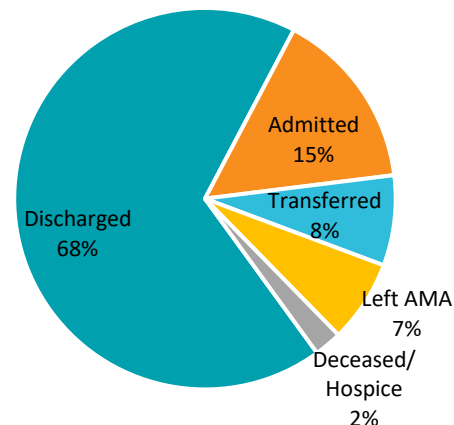


Peak Hours:
7-11pm

Suspected Substance



ED Visit Outcome

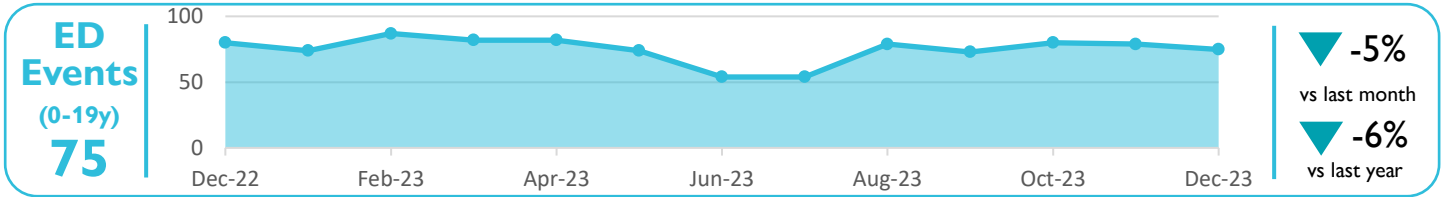


Notes: Suspected substances chart does not account for multiple substances (polysubstance). AMA = "against medical advice."

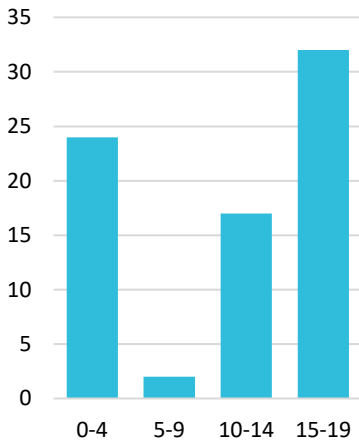
Resources and information at OvercomeOverdosePBC.Com or scan QR code →



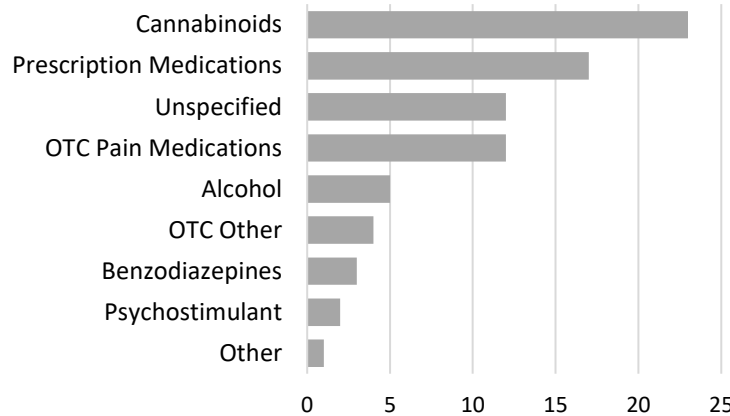
Overdoses among children and teens aged 0-19 years. Overdose data is reported by EDs in Palm Beach County. All overdoses in this report are considered *suspected* until thoroughly reviewed. Data is provisional, subject to change, and may not represent the true burden of overdose in the county.



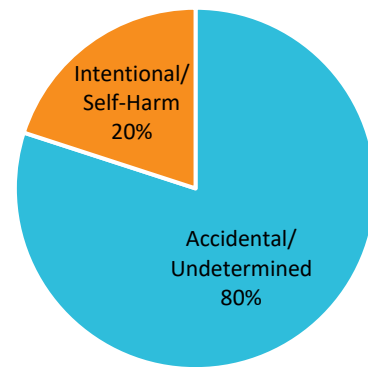
ED Visits by Age Group



Suspected Substance



Suspected Intent

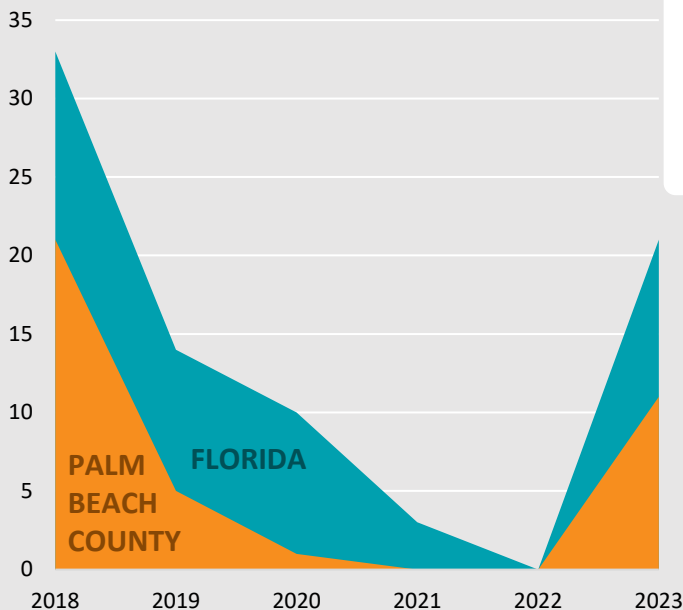


Note: Suspected substances chart does not account for multiple substances (polysubstance).

MONTHLY HIGHLIGHT

Carfentanil-Involved Overdose Deaths Reach Highest Number Since 2018

Carfentanil Deaths in Palm Beach County v. Florida, 2018-2023*



Key Findings

- Carfentanil is a fentanyl-related substance and more potent than fentanyl.
- Carfentanil-involved deaths peaked in Florida in 2016-2017, with Sarasota serving as the epicenter of the outbreak.
- Carfentanil re-emerged in 2023, with Palm Beach County accounting for 52% of Carfentanil deaths in Florida.

Comparison of Carfentanil to All Drug Deaths, 2023

	Carfentanil	All Drugs
Palm Beach County	52%	8%
Deaths in Q4 (Oct-Dec)	81%	10%
Average Age (years)	48	45
Female	33%	29%
White/Non-Hispanic	62%	73%
Black/Non-Hispanic	24%	13%
Hispanic	14%	14%

* 2023 data is preliminary data subject to change

