

2021 Duval County Overdose Data



Vanessa Salmo, MPH

Overdose Data to Action Program (OD2A) Epidemiologist

Email: vanessa.salmo@flhealth.gov

Office: 904-253-1249

Florida Department of Health in Duval County

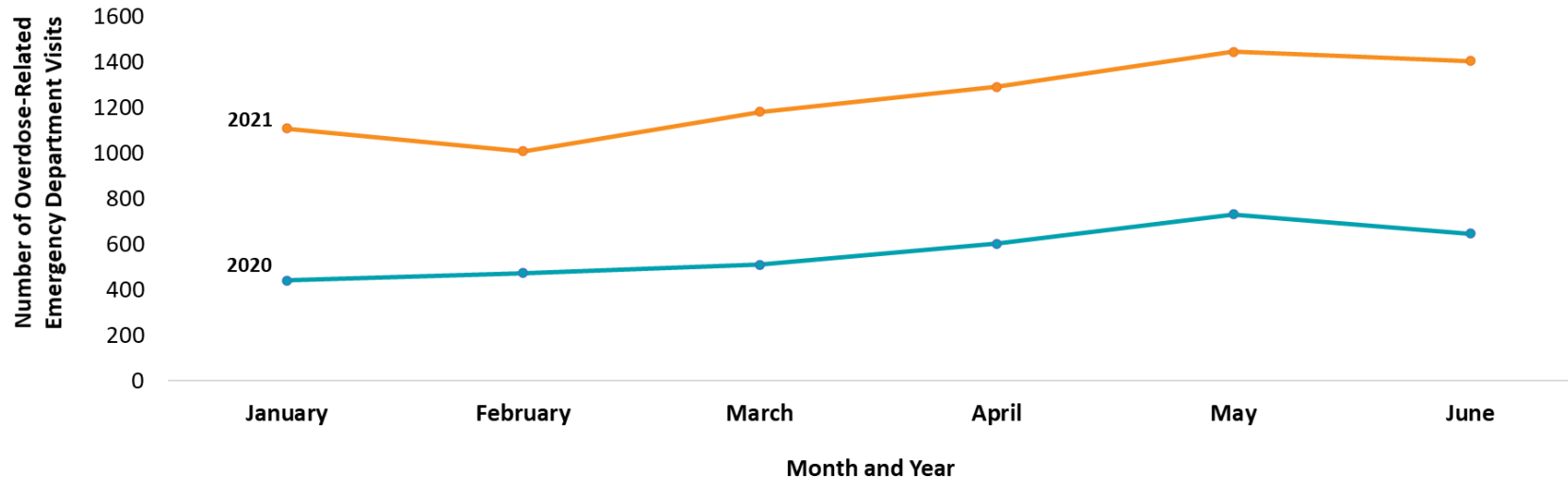
- The data in this report is preliminary and subject to change.
- This report contains real-time pre-diagnostic data from the Electronic Surveillance System for Early Notification of Community-Based Epidemics (ESSENCE-FL).
 - 99% of Florida's emergency departments report to ESSENCE-FL.
- Data from ESSENCE-FL consists of chief complaints and discharge diagnoses for patients presenting to emergency departments in Duval County for drug overdose.
- Also contained in this report is data from Biospatial which provides over 95% of pre-hospital emergency medical services (EMS) responses reported to the Emergency Medical Services Tracking and Reporting System (EMSTARS).
- The COVID-19 pandemic affected health care seeking behavior. This has resulted in an overall decrease in ED visits and visits have remained below normal levels since around March 2020. Additionally, improvements in data quality over time and differences in data collection methods between facilities may influence the number of overdose visits captured.

Overdose-Related Emergency Department Visits



Overdose-Related Emergency Department Visits

Number of Overdose-Related Emergency Department Visits in Duval County, FL by Month
January - June, 2020 - 2021



- During the first six months of 2020 there were 3,395 overdose-related emergency department visits.
- From January-June 2021, overdose visits increased by 19% to 4,034.

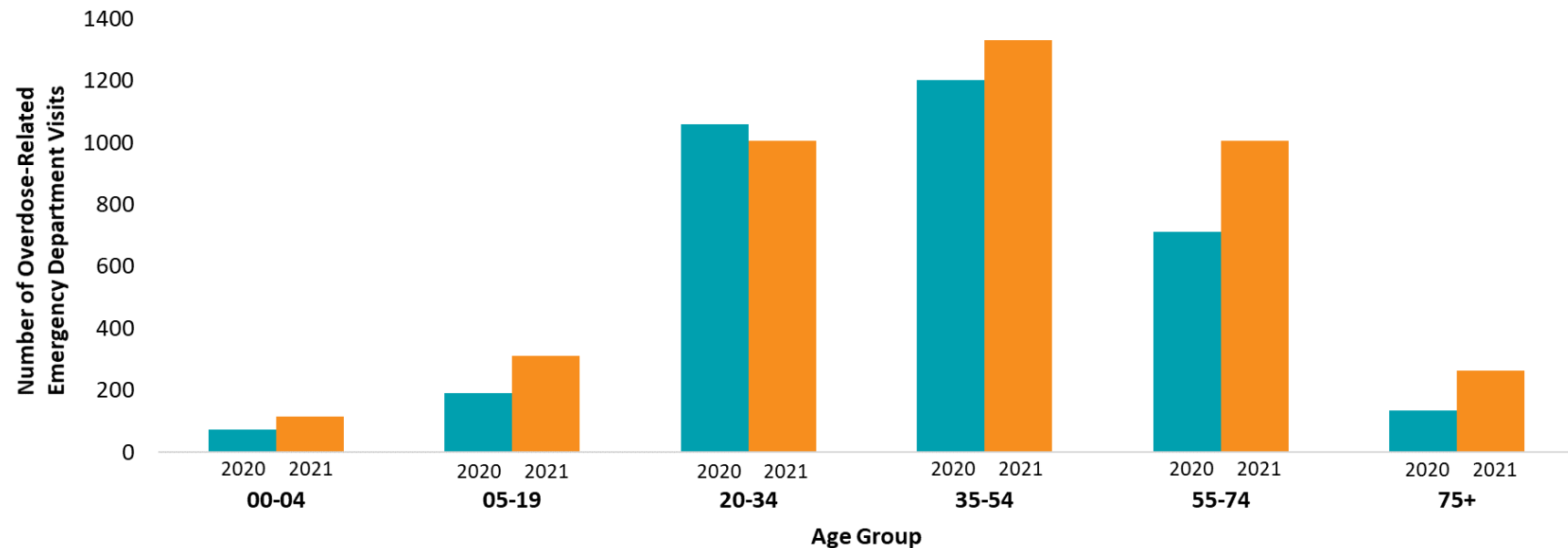
*2021 data is preliminary and subject to change.

Source: ESSENCE-FL

Overdose-Related Emergency Department Visits

- When comparing data from the first six months of 2020 to the same time in 2021, only the 20-34 age group had a decrease (5%) in number of overdose-related emergency department visits.
- Those who are between the ages of 35 and 54 had the highest number of overdose-related emergency department visits and account for 1/3 of the visits in 2021.
- In the first half of 2021, 58% of overdose-related emergency department visits were among those who are between 20-74.

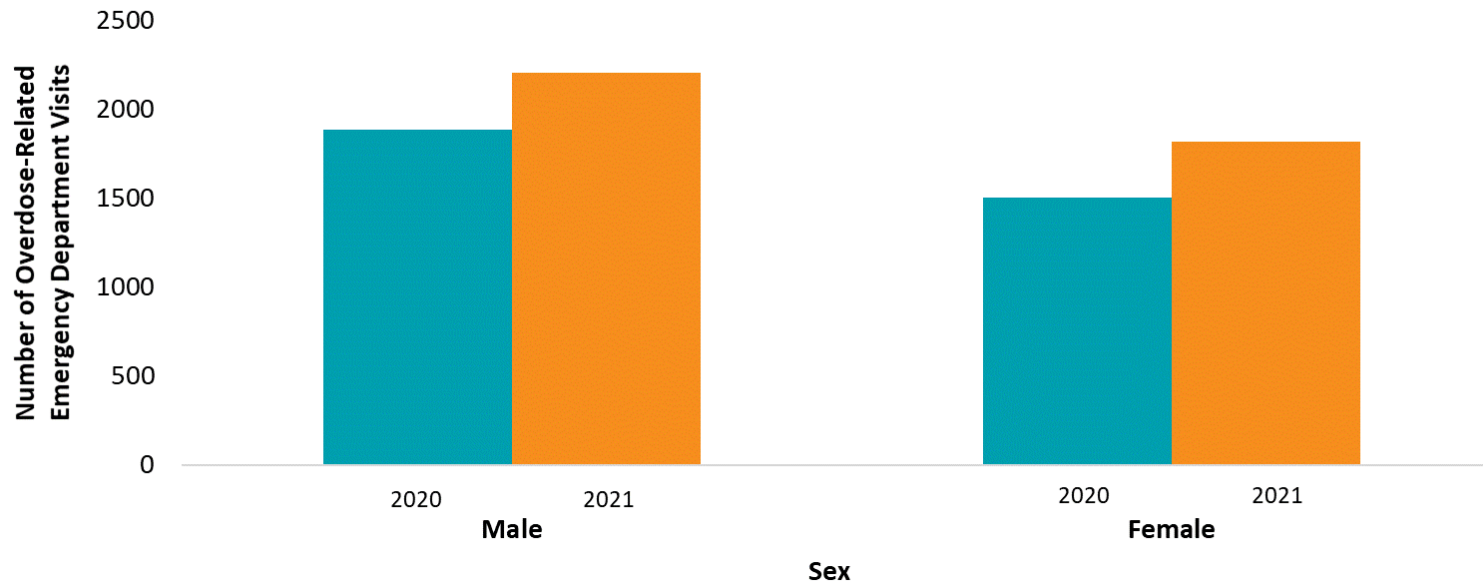
Number of Overdose-Related Emergency Department Visits in Duval County, FL by Age Group
January - June, 2020 - 2021



*2021 data is preliminary and subject to change.
Source: ESSENCE-FL

Overdose-Related Emergency Department Visits

Number of Overdose-Related Emergency Department Visits in Duval County, FL by Sex
January - June, 2020 - 2021



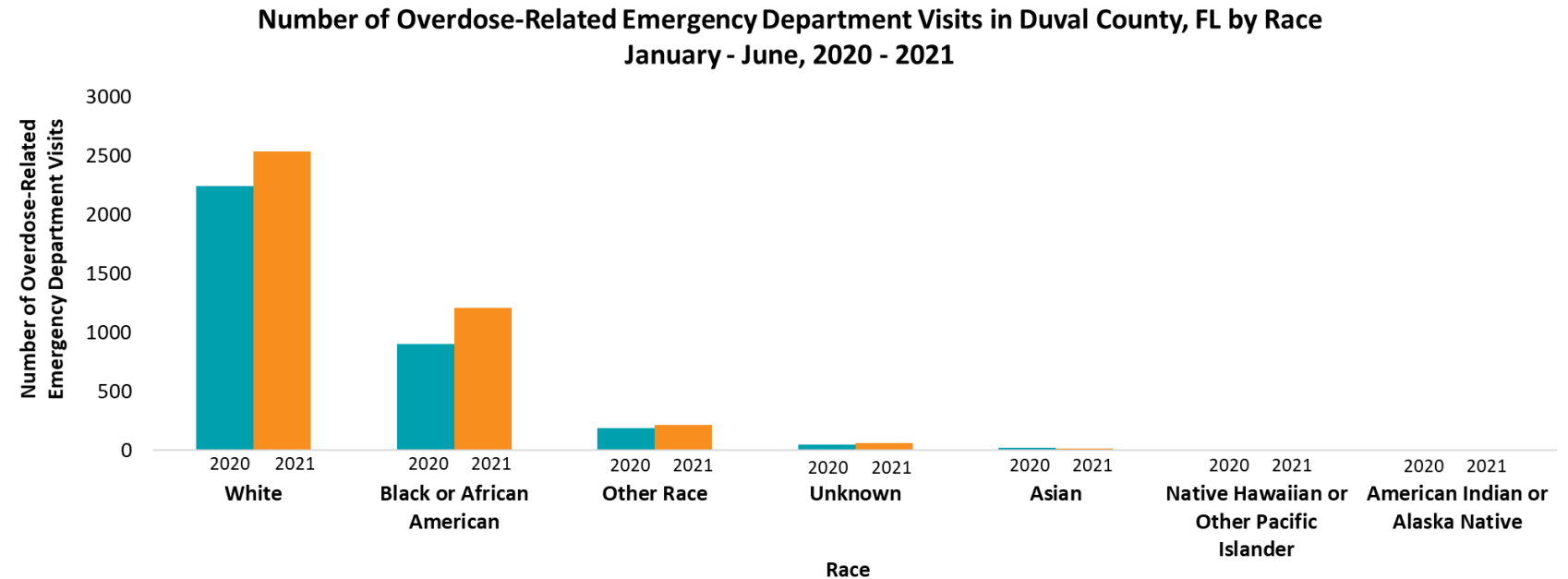
- From January to June 2021, males account for 55% of overdose-related emergency department visits while females account for 45% of visits.
- When comparing the number of overdose-related emergency department visits in the first six months of 2020 to 2021, females experienced a 21% increase while males experienced a 17% increase.

*2021 data is preliminary and subject to change.

Source: ESSENCE-FL

Overdose-Related Emergency Department Visits

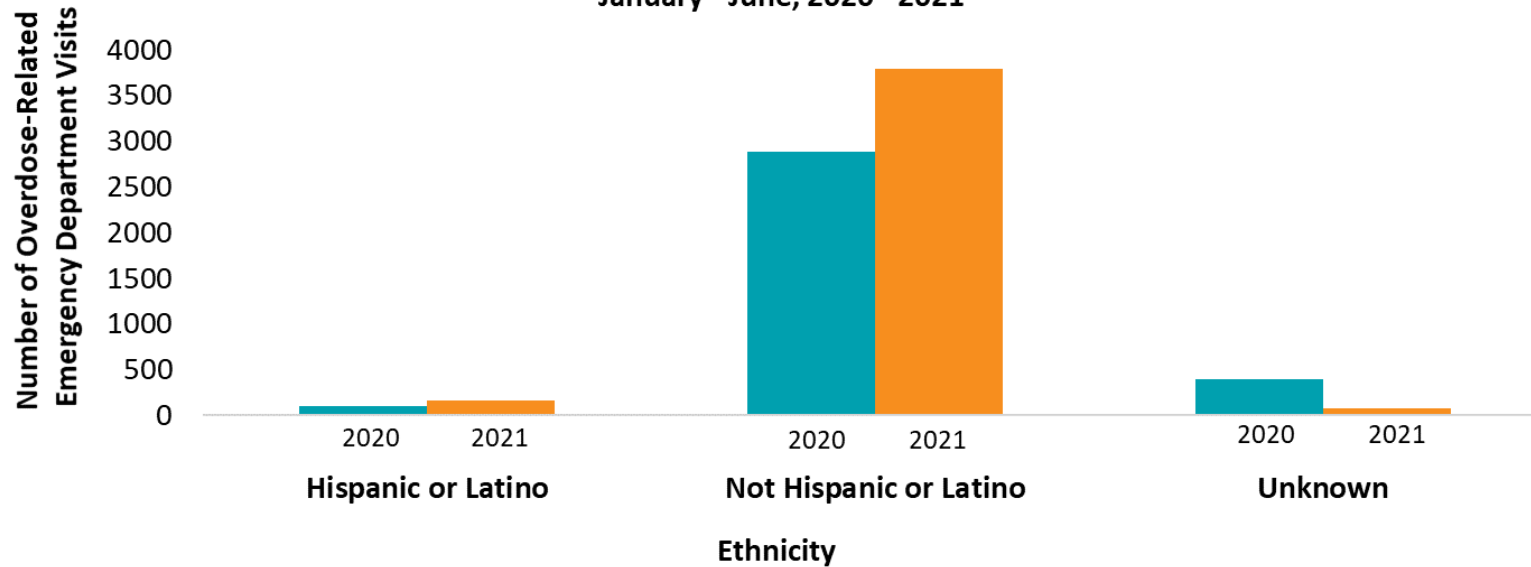
- Between January-June 2021, less than 1% of overdose-related emergency department visits were among those who identify as Asian, Native Hawaiian or Other Pacific Islander, and American Indian or Alaska Native combined.
- Those who identify as Black or African American account for 30% of overdose-related emergency department visits in 2021 and experienced a 35% increase when comparing data from January – June 2020 to the same time period in 2021.
- Those who identify as White account for 63% of visits in 2021 yet only experienced a 13% increase.



*2021 data is preliminary and subject to change.
Source: ESSENCE-FL

Overdose-Related Emergency Department Visits

Number of Overdose-Related Emergency Department Visits in Duval County, FL
by Ethnicity
January - June, 2020 - 2021

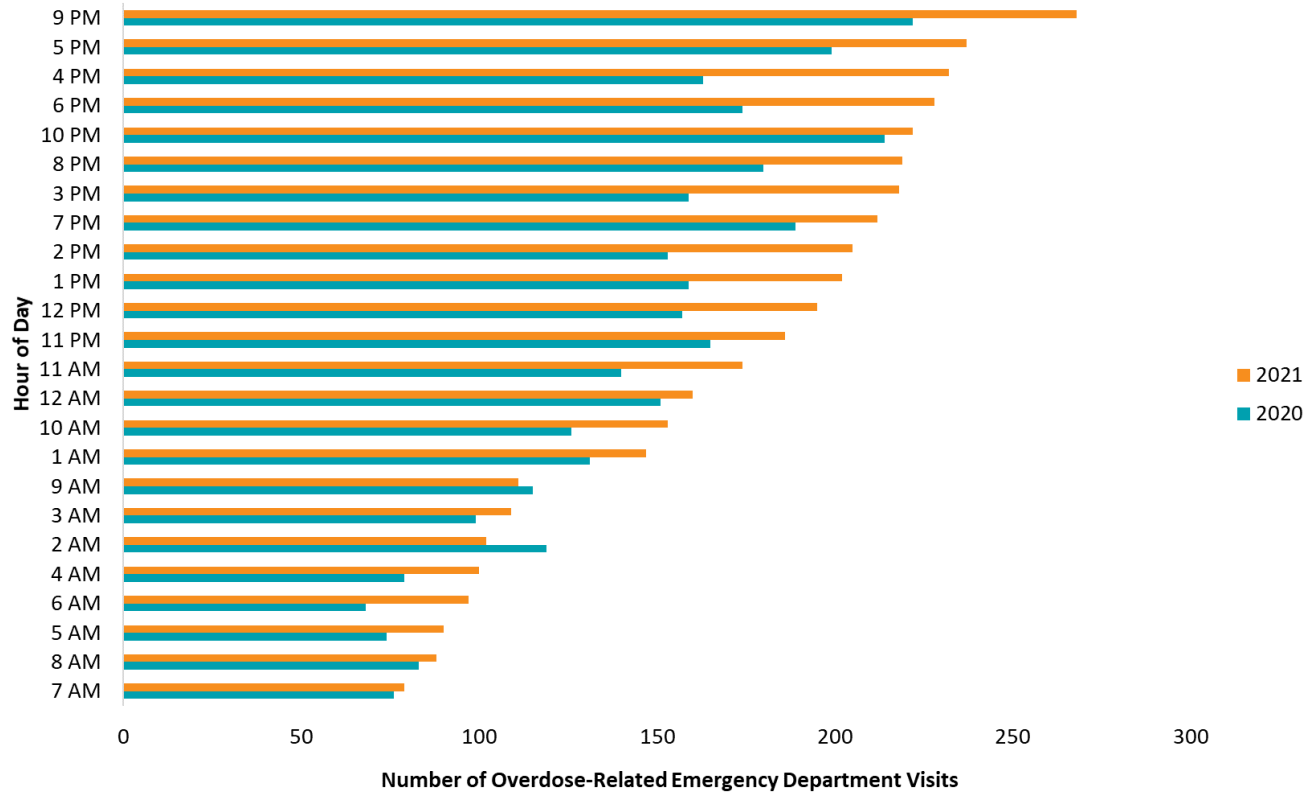


- The majority of overdose-related emergency department visits in Duval County are among those who are not Hispanic or Latino.
- When comparing data from the first six months of 2020 to the same time in 2021, the Hispanic or Latino group experienced a 56% increase in number of overdose-related visits while the not Hispanic or Latino group only experienced a 31% increase.

*2021 data is preliminary and subject to change.
Source: ESSENCE-FL

Overdose-Related Emergency Department Visits

Number of Overdose-Related Emergency Department Visits in Duval County, FL by Hour of Day
January - June, 2020 - 2021



- This slide shows the number of overdose-related emergency department visits by hour of day ordered from highest to lowest.
- The highest number of visits occurs at 9 PM.

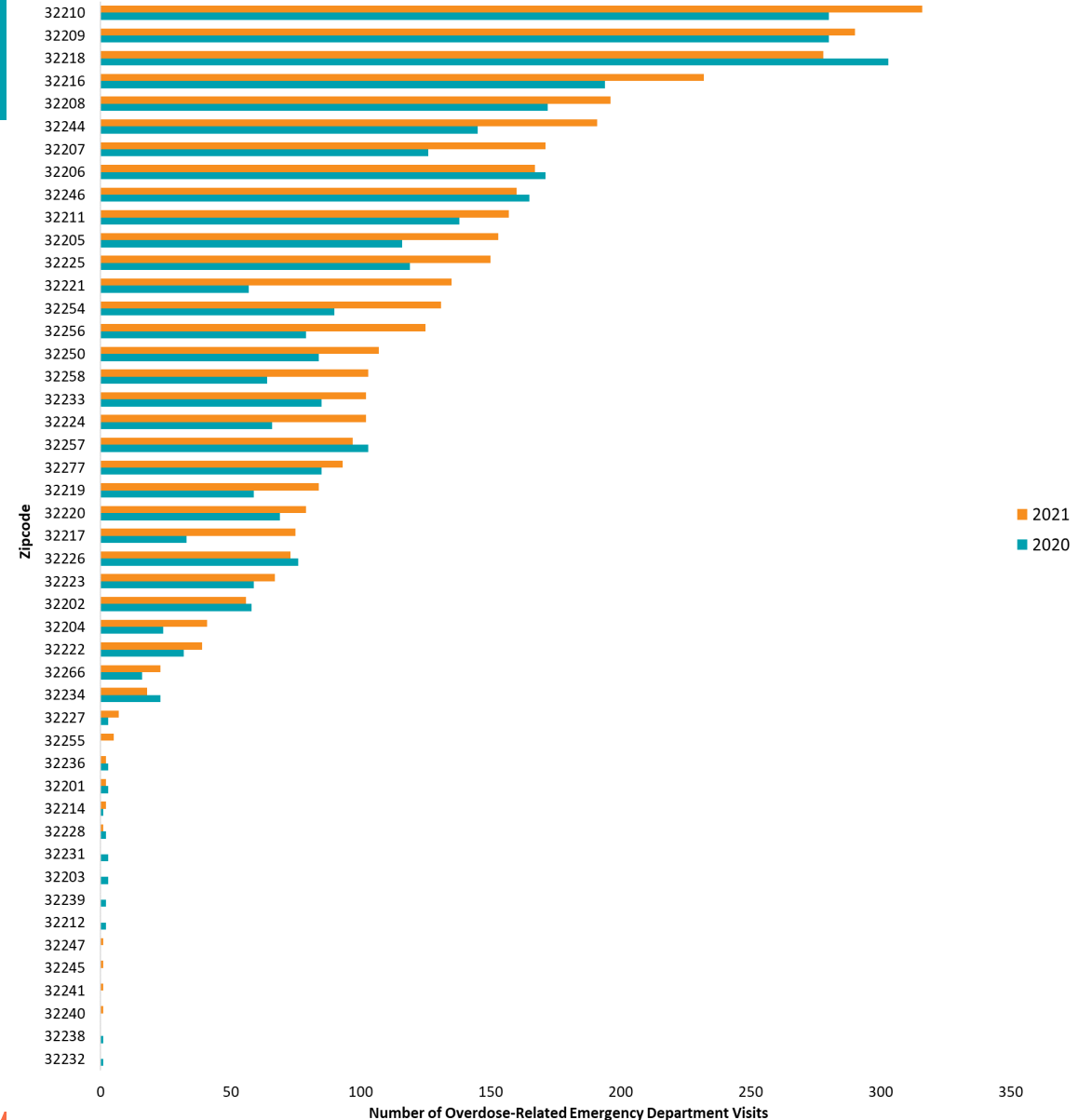
*2021 data is preliminary and subject to change.

Source: ESSENCE-FL

Overdose-Related Emergency Department Visits

- The highest number of overdose-related emergency department visits occur in zip codes 32210 and 32209.
- 27% of overdose-related emergency department visits occur in the top three zip codes (32210, 32209, 32218).
- Data from ESSENCE-FL is presented as counts rather than rates. As such, population size may drive some of these trends because it is expected that there would be more emergency department visits in geographic locations that have a larger population size. Nonetheless, this information is useful for planning purposes since overdose prevention efforts can have a greater impact when implemented in geographic locations with the highest number of overdoses.

Number of Overdose-Related Emergency Department Visits in Duval County, FL by Zipcode
January - June, 2020 - 2021



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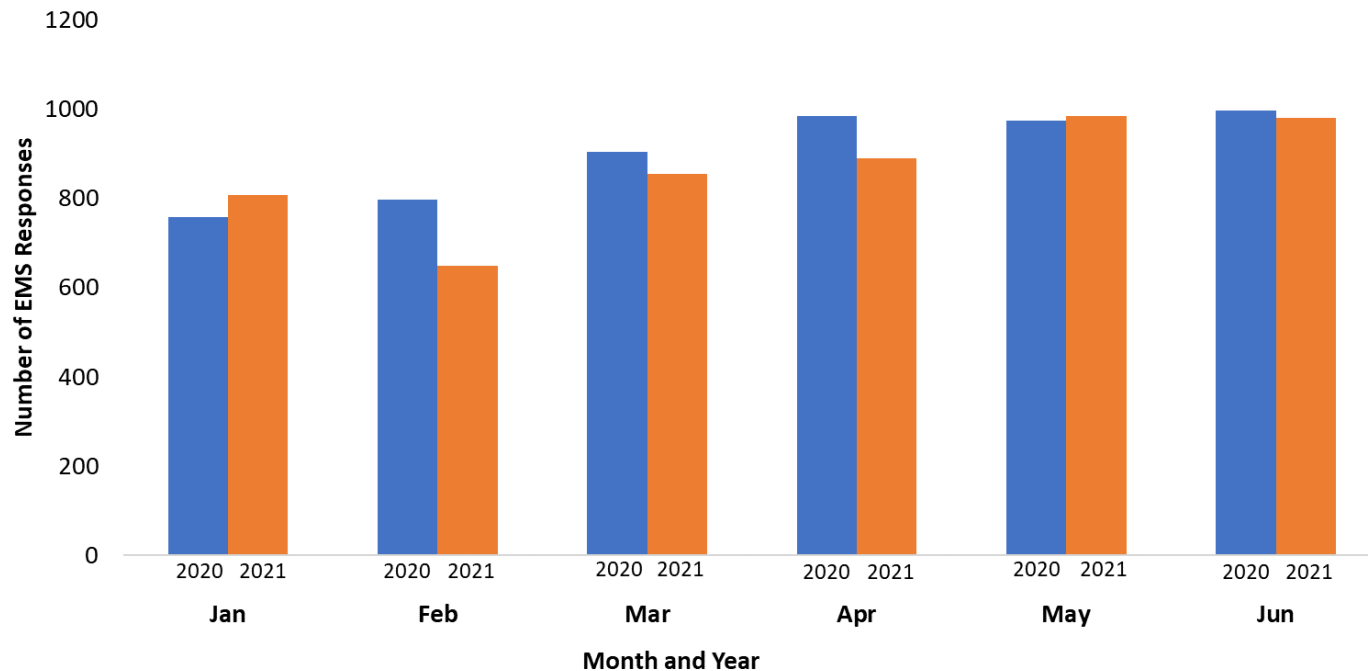
Source: ESSENCE-FL

Overdose-Related EMS Responses



Overdose-Related EMS Responses

Number of Overdose-Related EMS Responses in Duval County, FL
January - June, 2020 - 2021

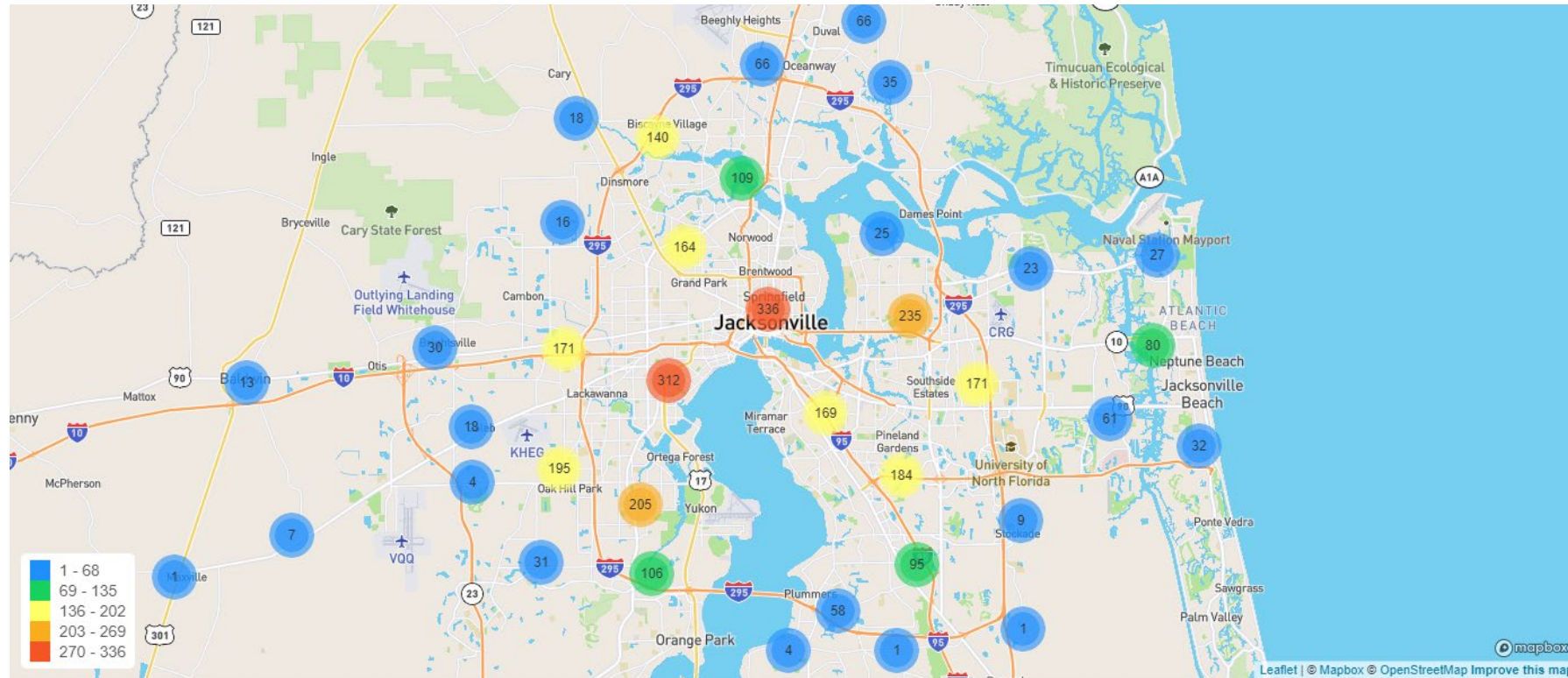


- When comparing data from January to June 2020 to the same time in 2021, overdose-related EMS responses have decreased 4.5%.

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Source: ESSENCE-FL

Overdose-Related Emergency Department Visits



This is a map of Duval County showing where overdose-related EMS responses occurred during the first six months of 2021.

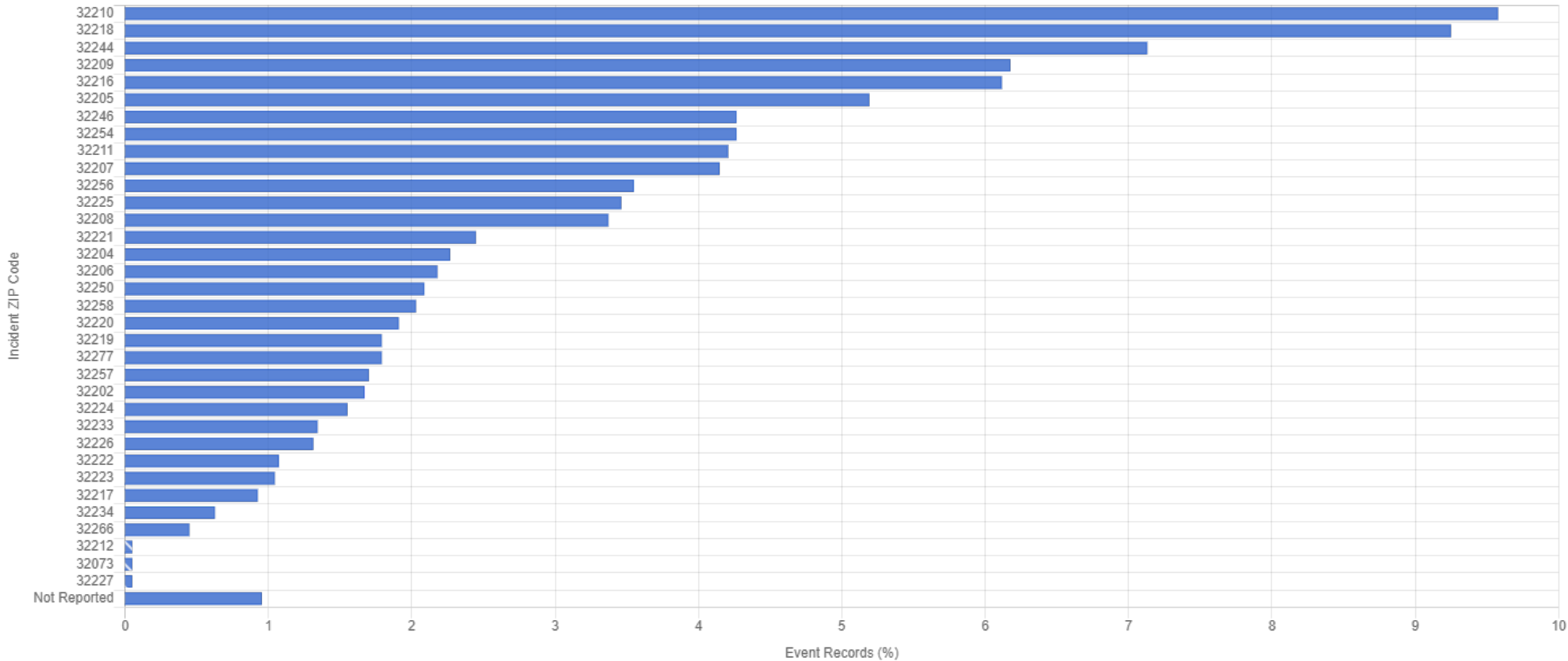


*2021 data is preliminary and subject to change.

Source: Biospatial

Overdose-Related EMS Responses

Event Records by Incident ZIP Code
2021-Jan-01 to 2021-Jun-30
3,352 Event Records



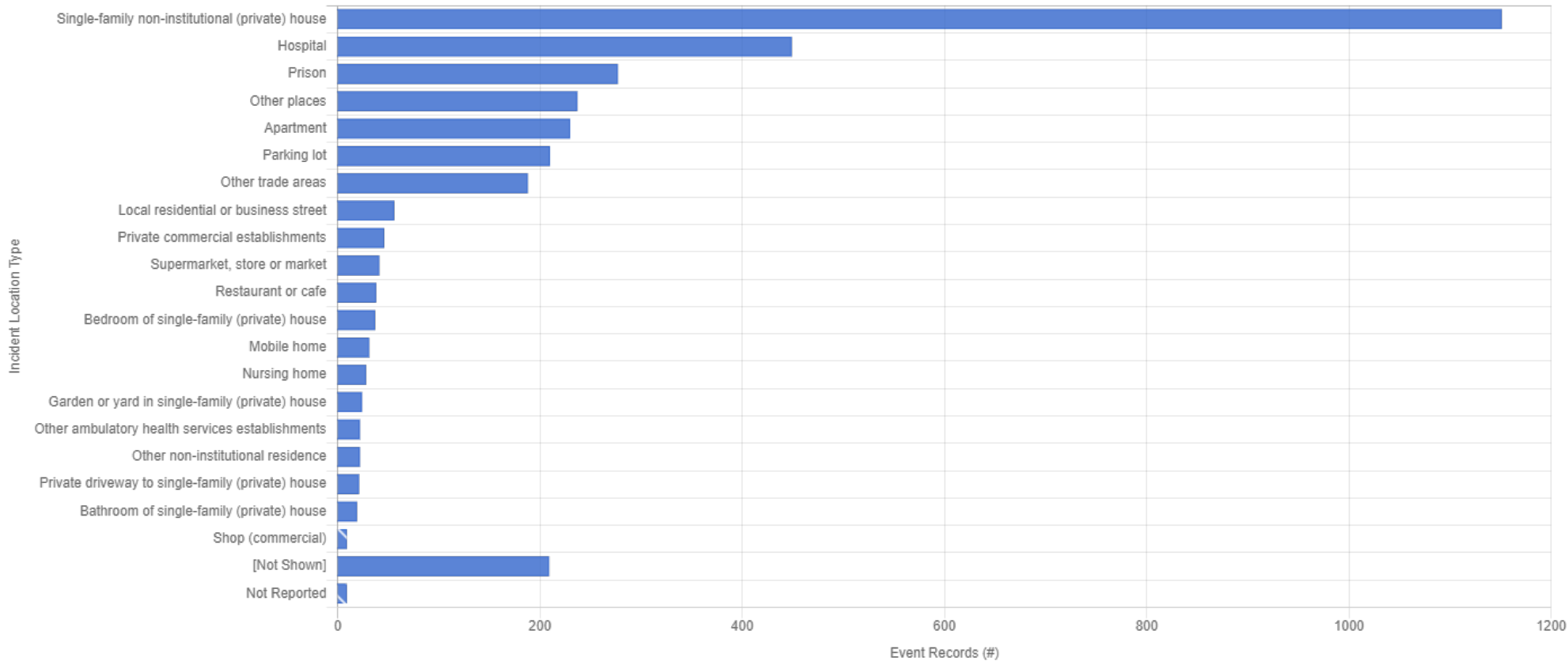
- This graph shows the percent of overdose-related EMS responses by zip code.
- 19% of overdose-related EMS responses occurred in zip codes 32210 and 32218.
- Data is not shown where counts are low in zip codes 32212 and 32227.

*2021 data is preliminary and subject to change.

Source: Biospatial

Overdose-Related EMS Responses

Event Records by Incident Location Type
2021-Jan-01 to 2021-Jun-30
3,359 Event Records



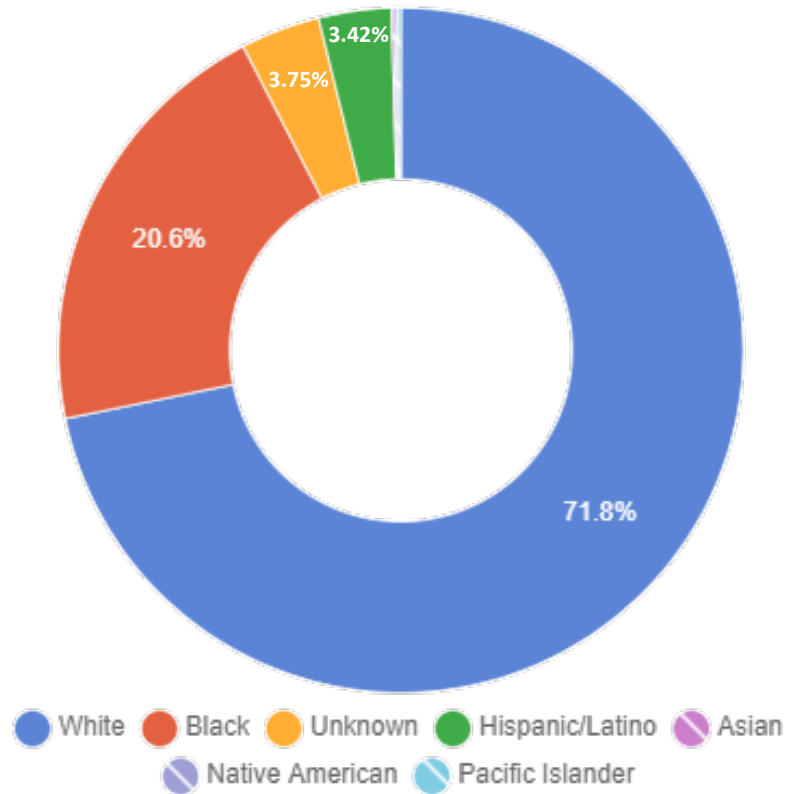
- Most (1,151 or 34%) overdose-related EMS responses were to a single-family private home.
- There were 277 (8%) overdose-related EMS responses to a prison.
- There were 210 (6%) overdose-related EMS responses at a parking lot.

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Source: Biospatial

Overdose-Related EMS Responses

Race/Ethnicity Distribution (3,359 Persons)
2021-Jan-01 to 2021-Jun-30

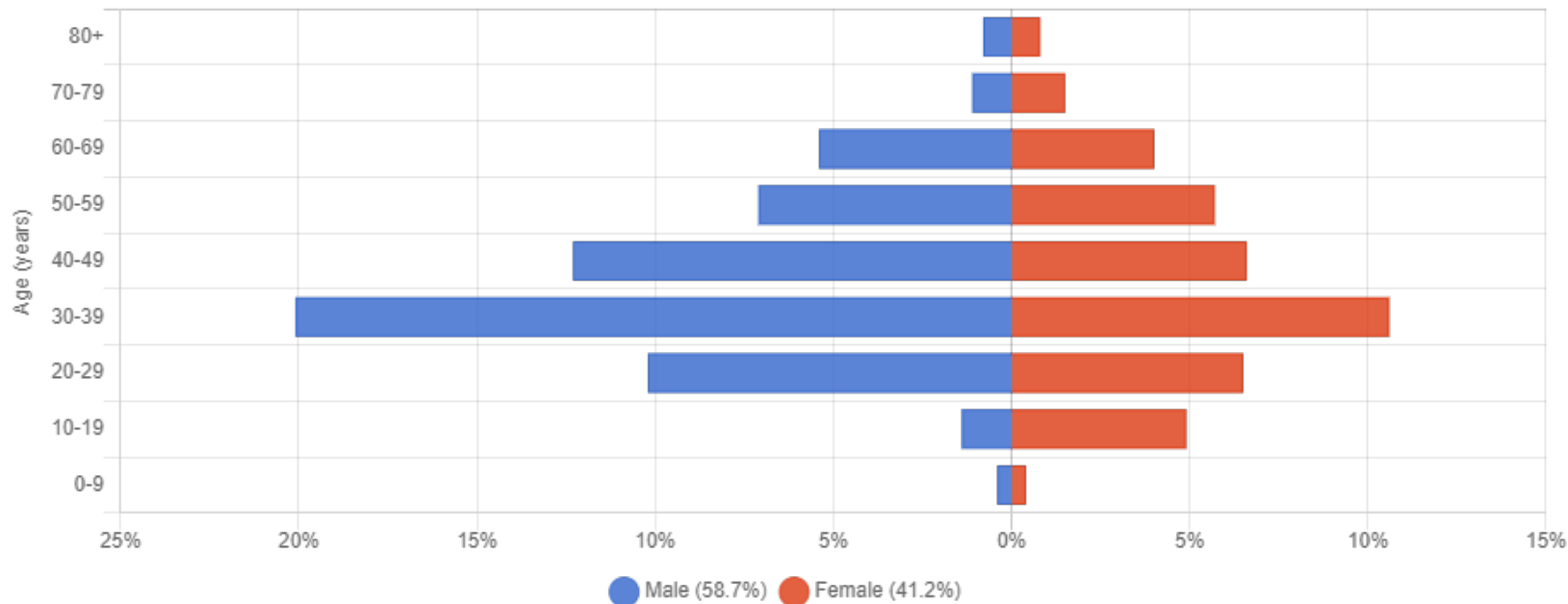


- Those who identify as White make up 71% of overdose-related EMS responses.
- Those who identify as Black make up 20% of overdose-related EMS responses.
- Those who identify as Hispanic or Latino make up 3.42% of overdose-related EMS responses.
- Data is not shown for Native American and Pacific Islander populations where counts are low.

*2021 data is preliminary and subject to change.
Source: Biospatial

Overdose-Related EMS Responses

Age and Gender Demographics
2021-Jan-01 to 2021-Jun-30
3,359 Persons (4 with Unknown Age or Gender)



- In the first six months of 2021, males make up 58.7% and females make up 41.2% of overdose-related EMS responses.
- From January to June 2021, those who are between the ages of 30-39 account for the highest number of overdose-related EMS responses.

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Source: Biospatial