



## HOTSPOT ALERTS

### March 26—April 8, 2022

NDEWS Hotspot Alerts is a dynamic notification system of biospatial.io that quantifies the degree to which observed 911 dispatch rates deviate from expected ranges of values over an 84-day window. During the two-week period of March 26—April 8, 2022, 11 counties had higher-than-expected rates of drug-related dispatches: Sacramento, CA; San Diego, CA; Denver, CO; Duval, FL; Kings, NY; Pinellas, FL; Cook, IL; Miami-Dade, FL; Fulton, GA; and San Francisco, CA.

County, state	County-level NDEWS Hotspot Alerts for increases in 911 dispatches							
	Opioid-related		Heroin-related		Methamphetamine-related		Non-opioid-related	
	Date	Count	Date	Count	Date	Count	Date	Count
<b>Sacramento, CA</b>	-	-	2/23/22	19	-	-	-	-
<b>San Diego, CA</b>	-	-	3/24/22	10	-	-	-	-
<b>Denver, CO</b>	-	-	-	-	-	-	3/25/22	15
<b>Duval, FL</b>	3/26/22	17	-	-	-	-	-	-
<b>Kings, NY</b>	-	-	-	-	3/26/22	21	-	-
<b>Pinellas, FL</b>	-	-	-	-	3/31/22	20	-	-
<b>Cook, IL</b>	4/1/22	69	-	-	-	-	-	-
<b>Riverside, CA</b>	-	-	-	-	4/1/22	18	-	-
<b>Miami-Dade, FL</b>	-	-	-	-	-	-	4/4/22	18
<b>Fulton, GA</b>	-	-	-	-	-	-	4/4/22	12
<b>San Francisco, CA</b>	-	-	-	-	4/5/22	17	-	-

Data are available for 66% of all EMS responses in the US, with full coverage in 24 states; 75% of the data reported within 24 hours of event. **Source: biospatial.io, 2022.** NDEWS is funded by the National Institute on Drug Abuse to the University of Florida (PI: Cottler, Co-Is: Goldberger, Nixon, Striley), New York University (Co-I: Palamar), and Florida Atlantic University (Co-I: Barenholtz). Designed by Andrew Mike

Recommended citation: National Drug Early Warning System (NDEWS). (2022). Hotspots Alerts (April 2022). (NDEWS-2022-HSA0002.1). Retrieved from <https://ndews.org>.



## HOTSPOT ALERTS

### March 26—April 8, 2022

911 dispatch type	Description of dispatch	Dispatch involves
<b>Opioid-related</b>	Based on the Enhanced State Opioid Overdose Surveillance (ESOOS) criteria as defined by the state of Rhode Island, intended to detect incidents involving opioid overdose.	Opioid overdose
<b>Heroin-related</b>	Based on the Enhanced State Opioid Overdose Surveillance (ESOOS) criteria as defined by the state of Rhode Island, intended to detect incidents involving heroin overdose.	Heroin overdose
<b>Non-opioid-related</b>	Based on the Virginia Department of Health criteria for incidents involving non-opioid overdoses.	Non-opioid overdoses
<b>Methamphetamine-related</b>	Based on incidents involving methamphetamine due to terms and phrases found in the record narrative and chief complaint elements.	Methamphetamine overdose
All dispatch types above follow the guidelines set by the National Emergency Medical Services Information System (NEMSIS)		

Data is limited to US states with statewide partnerships with biospatial.io: Alabama, Alaska, Arkansas, California, Colorado, Florida, Georgia, Idaho, Illinois, Kansas, Kentucky, Maine, Michigan, Mississippi, Montana, New Mexico, New York, Rhode Island, South Carolina, Tennessee, Utah, Virginia, Wisconsin, and Wyoming.