



## HOTSPOT ALERTS April 9–28, 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 April 9–April 28, 2022, eight counties had higher-than-expected rates of drug-related dispatches: Alameda, CA; Brevard, FL; Denver, CO; Maricopa, AZ; Riverside, CA; Pasco, FL; Pinellas, FL; and Sacramento, 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
Alameda, CA	-	-	-	-	-	-	4/14/22	14
Brevard, FL	4/17/22	14	-	-	-	-	-	-
Denver, CO	-	-	-	-	-	-	4/12/22	13
Maricopa, AZ	-	-	-	-	4/20/22	10	-	-
Riverside, CA	-	-	4/16/22	14	-	-	-	-
Pasco, FL	-	-	-	-	-	-	4/23/22	14
Pinellas, FL	4/9/22	30	-	-	-	-	4/11/22	30
Sacramento, CA	-	-	4/22/22	19	-	-	-	-



## HOTSPOT ALERTS

### April 9–28, 2022

911 dispatch type	Description of dispatch
<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.
<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.
<b>Methamphetamine-related</b>	Based on incidents involving methamphetamine due to terms and phrases found in the record narrative and chief complaint elements.
<b>Non-opioid-related</b>	Based on the Virginia Department of Health criteria for incidents involving non-opioid overdoses. Indicates events where naloxone administration response is unchanged or worse, including the use of cannabis, cocaine, LSD, Tramadol, methadone, and psychodysleptics.
All dispatch types above follow the guidelines set by the National Emergency Medical Services Information System (NEMSIS)	
Data is limited to 24 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.	