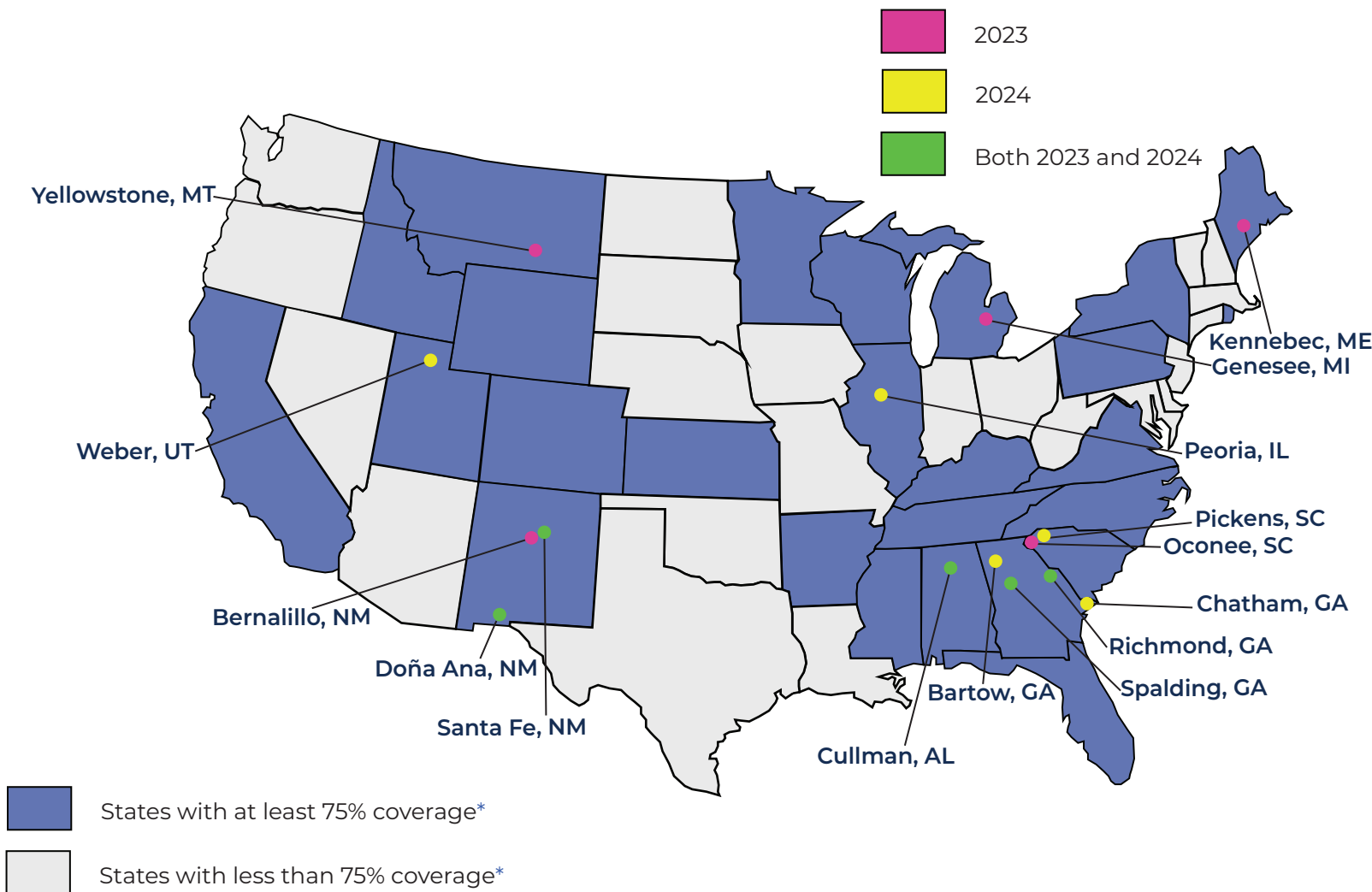


NDEWS Special Report EMS encounters in the US for nonfatal opioid-related overdoses that also indicated suicide ideation January 1, 2023 - December 31, 2024

In this week's report, NDEWS highlights observations from biospatial.io detailing the EMS encounters in the US for nonfatal opioid-related overdoses that also indicated suicide ideation, in 2023 and 2024. **The data shows that all five counties with the highest rates of both nonfatal overdoses and suicide ideation over 24 months were in the lower half of the United States.** Among states with at least 75% coverage,* 4,613 such encounters were identified in 2023, and 4,416 in 2024.

US counties with the highest rate of EMS encounters for nonfatal opioid-related overdoses that also indicated suicide ideation per 10,000 population January 1, 2023 - December 31, 2024



See page 2 for the table that lists the counties

US counties with the highest rate of EMS encounters for nonfatal opioid-related overdoses that also indicated suicide ideation per 10,000 population

January 1, 2023 - December 31, 2023

January 1, 2024 - December 31, 2024

County	Count per 10,000 population	Count	County	Count per 10,000 population	Count
Santa Fe, NM	1.71	26	Santa Fe, NM	1.58	24
Spalding, GA	1.48	10	Spalding, GA	1.48	10
Oconee, SC	1.37	11	Cullman, AL	1.30	11
Cullman, AL	1.18	10	Pickens, SC	0.94	12
Bernalillo, NM	1.16	79	Bartow, GA	0.91	10
Kennebec, ME	1.14	14	Dona Ana, NM	0.86	19
Dona Ana, NM	1.08	24	Weber, UT	0.80	21
Richmond, GA	0.84	17	Peoria, IL	0.79	14
Yellowstone, MT	0.80	13	Richmond, GA	0.74	15
Genesee, MI	0.72	29	Chatham, GA	0.73	21

Colors reflect geographical clustering

All dispatch types above follow the guidelines set by the National Emergency Medical Services Information System (NEMSIS). Data is limited to 28 US states/districts with statewide partnerships with biospatial.io: Alabama, Alaska, Arkansas, California, Colorado, District of Columbia, Florida, Georgia, Idaho, Illinois, Kansas, Kentucky, Maine, Michigan, Minnesota, Mississippi, Montana, New Mexico, New York, North Carolina, Pennsylvania, Rhode Island, South Carolina, Tennessee, Utah, Virginia, Wisconsin, and Wyoming.

Nonfatal opioid-related EMS encounters were defined based on the Enhanced State Opioid Overdose Surveillance (ESOOS) criteria as defined by the state of Rhode Island, intended to detect incidents involving nonfatal opioid overdose.

Suicide Ideation-related EMS encounters are based on the Center for Disease Control and Prevention's Suicide Ideation definition for ESSENCE, which is intended to detect incidents involving suicide ideation. EMS dispatches for suicide ideation-related dispatches were included if provider impressions included ICD-10 code R45.851 (Suicidal ideations) or the chief complaint/narrative contained phrases related to suicidal thoughts or intent excluding negative statements like denies suicide or did not want to kill self.

*States included in this report met or exceeded a 75% coverage during the surveillance period, indicating that biospatial.io has received at least 75% of the expected data for the given time and region.