

## NDEWS Special Report

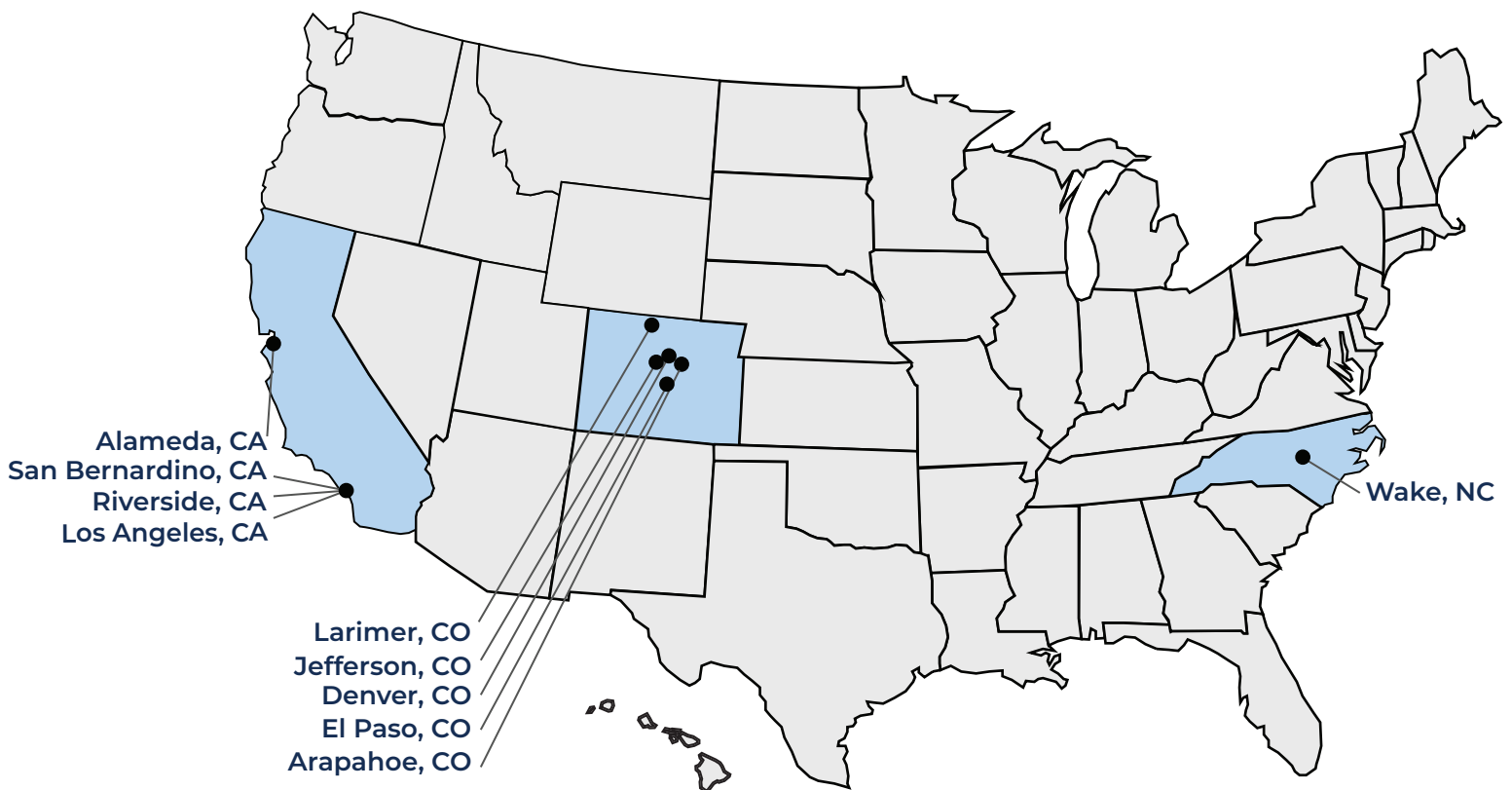
### EMS encounters for nonfatal drug-related overdoses involving psilocybin and *Amanita muscaria* in the US

January 1, 2023 - January 31, 2026

Out of 630 EMS encounters for nonfatal drug-related overdoses involving psilocybin and *Amanita muscaria* (fly agaric) from January 1, 2023 to January 31, 2026, only ten counties had sufficient counts ( $\geq 10$  encounters) to be reported; all other counties were suppressed ( $< 10$  encounters). The ten counties were primarily located in the Western region, with one county in the Southern region. NDEWS will continue to monitor overdoses involving these substances.

### US counties with the reportable rates of EMS encounters for nonfatal drug-related overdoses involving psilocybin and *Amanita muscaria* per 10,000 population

January 1, 2023 - January 31, 2026



See page 2 for table detailing EMS encounters for nonfatal drug-related overdoses involving psilocybin and *Amanita muscaria*

**US counties with the reportable rates of EMS encounters for nonfatal  
drug-related overdoses involving psilocybin and *Amanita muscaria*  
per 10,000 population  
January 1, 2023 - January 31, 2026  
n = 630**

County*	EMS encounters per 10,000 population
Larimer, CO	0.39
Denver, CO	0.34
Arapahoe, CO	0.23
Jefferson, CO	0.22
El Paso, CO	0.14
Wake, NC	0.11
Alameda, CA	0.06
San Bernardino, CA	0.05
Riverside, CA	0.05
Los Angeles, CA	0.01

\*Note: Colors reflect EMS encounters grouped by state

**Nonfatal EMS encounters involving psilocybin and *Amanita muscaria*** were included when the emergency response involved patient contact and the record contained a documented mention of psilocybin or “shrooms” (and common misspellings) or *Amanita muscaria* (including the terms “muscaria,” “fly agaric,” “muscimol,” “ibotenic acid,” and their common misspellings) in the patient complaint or narrative. All selected encounters were classified using Virginia’s non-opioid overdose criteria.

All dispatch types above follow the guidelines set by the National Emergency Medical Services Information System (NEMSIS).

**Limitations:** Biospatial.io data reflect pre-hospital EMS encounters and do not include hospital outcomes, toxicology confirmation, medical history, or prescription information. Much of the data relies on clinical impressions, self-report, or bystander accounts. Additionally, EMS encounters for nonfatal drug-related overdoses involving psilocybin may be underreported, overreported or misclassified.