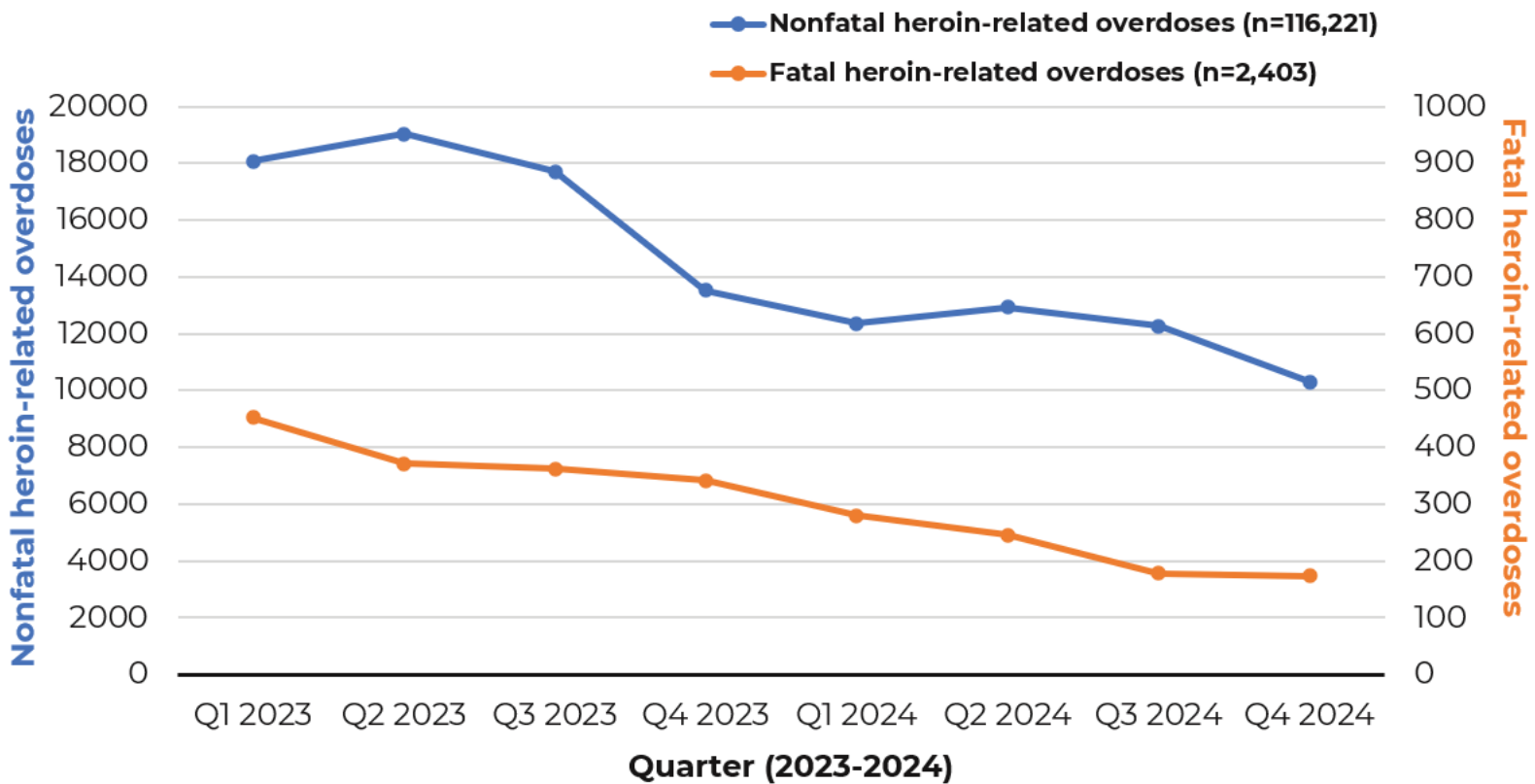


NDEWS Special Report

EMS encounters for nonfatal and fatal heroin-related overdoses in the US January 1, 2023 – December 31, 2024

NDEWS highlights observations from biospatial.io detailing EMS encounters for nonfatal and fatal heroin-related overdoses in 2023 and 2024. **The graph included in this report depicts a decline in overdoses over time in EMS encounters for nonfatal heroin-related overdoses as well as fatal heroin-related overdoses.** Among states with at least 75% coverage,* between January 1, 2023 to December 31, 2024, there were 116,221 nonfatal heroin-related overdoses and 2,403 fatal heroin-related overdoses identified by biospatial.io.

Nonfatal and fatal heroin-related overdoses among EMS encounters in the US by quarter January 1, 2023 - December 31, 2024



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.

Fatal heroin-related overdose EMS encounters are based on the Rhode Island Department of Health definition for detecting incidents involving fatal heroin overdoses. EMS encounters for fatal heroin-related overdoses were included if Narrative or Chief Complaint mentioned a heroin-related term (common misspellings included).

Nonfatal heroin-related overdose EMS encounters are based on the Rhode Island Department of Health definition for detecting incidents involving nonfatal heroin overdoses. EMS encounters for nonfatal heroin-related overdoses were included if Narrative or Chief Complaint mentioned a heroin-related term (common misspellings included).

*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.