

ODMAP

Spotlight Series:

Reno County Health
Department, Kansas



Keep your community aware and prepared

BACKGROUND

In 2018, the Reno County Health Department (RCHD) partnered with a multi-disciplinary team to combat and address the increase of overdose fatalities and substance use concerns. The proposal involved substance use and overdoses, treatment options, and the means for collecting and disseminating accurate data to the public, as well as to local partners. In order to achieve their goal of combatting increases of overdoses, the RCHD and their partners conducted a needs assessment to address these concerns and their plan.

In 2020, the RCHD started a discussion with Reno County Emergency Management Services (RCEMS) about utilizing the Overdose Detection Mapping Application Program (ODMAP) to collect overdose data. By October 1, 2020, both agencies were onboarded, and the RCHD was able to start collecting data on non-fatal and suspected fatal overdoses.

In December 2020, the Public Health Analyst at RCHD created a public-facing dashboard providing information related to suspected drug overdoses and reporting on identified substances within the community drug supply. In January 2021, the Reno County Death Scene Investigator was added to ODMAP to provide a more complete and accurate data set in the county.

ODMAP is used by the RCHD to track overdose data and provide health education based on current local substance trends, to notify community stakeholders in all sectors, and to inform the general public of spikes in overdoses, drug trends, naloxone availability, harm reduction services, and other peer navigation services in high overdose areas. RCHD is also able to provide education to the community based on current trends and adapt education and prevention efforts to address the threat in real-time.

[Reno County Overdose Dashboard](#)

OVERDOSE SPIKES AND ALERTS

A spike alert is the notification received from ODMAP when a specific area meets or exceeds a threshold within a 24-hour period. This tool allows RCHD to capture all fatal and nonfatal overdose incidents on a shared data platform across agencies and the country allowing for more innovative approaches to the rising overdoses in our areas.

WHAT DATA IS USED TO DETERMINE A SPIKE

The primary source of data for suspected opioid overdose spikes in Reno County is ODMAP. The primary data is being entered from our partners in Reno County EMS, Kansas Board of EMS, Reno County Death Scene Investigator, and the Reno County Health Department. In the process of determining the specifics of a suspected spike from ODMAP, the data is then cross-referenced with ESSENCE, a National Syndromic Surveillance Program (NSSP).

HOW ARE OVERDOSE SPIKES DETERMINED?

An initial spike alert is generated by ODMAP when the daily threshold of suspected overdoses is exceeded. Upon receiving an initial spike alert notification from ODMAP, the RCHD will review the cases to determine if they are linked with a common exposure source and geographic location such as a similar drug circumstantial evidence, or third-party notification.

When possible, the alert will be cross-referenced with data sources such as EMS and our contacts with Midwest High Intensity Drug Trafficking Area (Midwest HIDTA).

When a spike in overdoses has been confirmed, information will be relayed to RCHD'S community collaborative which includes local law enforcement, treatment providers, school districts, EMS, local elected officials, and others.

At the same time, a press release to the community is being crafted based on whether it is a fatal or non-fatal overdose spike event.

A non-fatal alert results in a press release issued with recommendations, resources, and ways to be involved and seek help. A fatal spike alert results in notifying Reno County's local Harm Reduction group, as well as making pop-up naloxone distributions available in centralized areas of the spike. Street outreach, naloxone administration trainings, peer navigation, and other harm reduction and health supplies are made available at these pop-up events.

WHO IS INVOLVED?

- Reno County EMS
- Hutchinson Regional Medical Center
- Reno County Health Department
- Reno County DA's Office (Death Scene Investigator)
- Kansas Board of EMS
- Kansas Recovery Network