
Syndromic Surveillance for Situational Awareness of Overdoses

Conference of Local Health Officials

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What is Oregon ESSENCE?

Electronic Surveillance System for the Early Notification of Community-Based Epidemics

Emergency departments and participating urgent care centers in Oregon share de-identified data of all visits.

ED and urgent care encounters are reported to OHA daily.

Statewide information has been available since 2019.

Approved local public health ESSENCE users may access data for their counties and in some cases neighboring counties

PSET+ ESSENCE Support

- Access and oaths
- Training and technical assistance
 - Using the system
 - Dashboard development
 - Writing queries
- Project proposals
- Contact: oregon.essence@odhsoha.oregon.gov

Syndromic Surveillance for Injuries

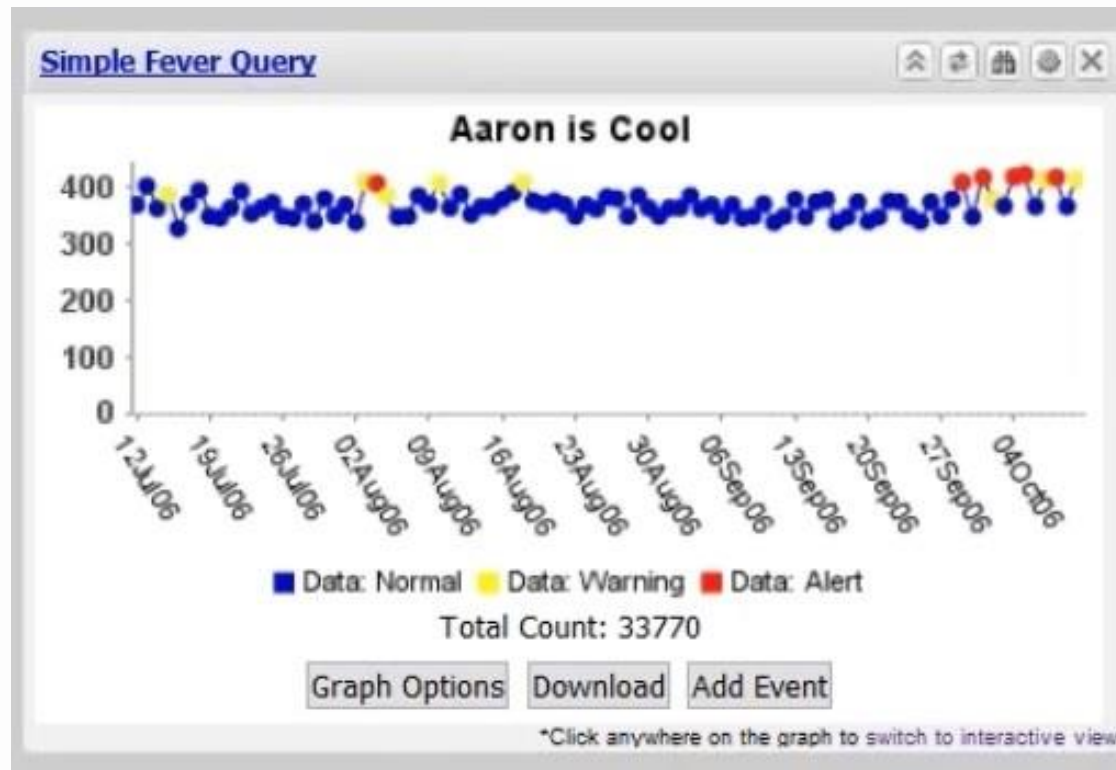
Syndromic surveillance was historically thought to be most useful for detecting bioterrorism events and disease outbreaks.

- Increasingly used to detect injury events

Oregon is participating in CDC-funded projects to investigate utility of ESSENCE data for tracking injuries:

- Overdose Data to Action (OD2A)
- ED Surveillance of Nonfatal Suicide Related Outcomes (ED-SENSOR)
- Comprehensive Suicide Prevention
- Firearm Surveillance Through Emergency Rooms (FASTER)
- Advancing Violence Epidemiology in Real Time (AVERT)**

What constitutes an overdose data alert ?



How IVPP notifies LPHAs of data warnings & alerts

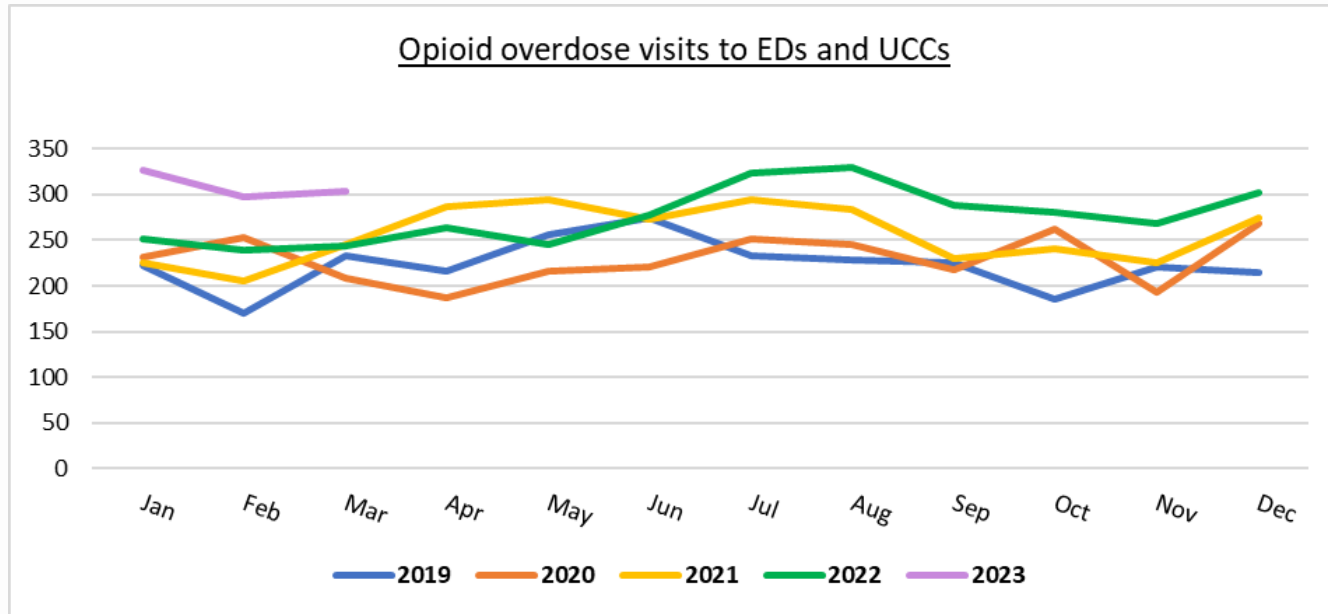


IVPP and OHA partners meet monthly to review data from multiple sources, including county level ESSENCE data related to overdose and suicide.



IVPP notifies counties directly when there are 3 ESSENCE Alerts/Warnings within a three-day time period.

ESSENCE Opioid Overdose Data



Contact information

oregon.essence@odhsoha.oregon.gov

Grants and projects

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