HIDTA ODMAP / University of Michigan SOS Mapping System

Michigan Association of Counties

October 2, 2023

ODMAP
OVERDOSE DETECTION
MAPPING APPLICATION PROGRAM

COLLABORATE • SHARE • INFORM & HELP

Federal Acknowledgement

This presentation is supported by the Centers for Disease Control and Prevention (CDC) of the U.S. Department of Health and Human Services (HHS) as part of a financial assistance award totaling $11,600,000 with 100 percent funded by CDC/HHS. The contents are those of the author(s) and do not necessarily represent the official views of, nor an endorsement, by CDC/HHS, or the U.S. Government.

What is the Overdose Response Strategy (ORS)?

The Overdose Response Strategy is an unprecedented and unique collaboration between public health and public safety, created to help local communities reduce drug overdoses and save lives by sharing timely data, pertinent intelligence and innovative strategies.

The ORS allows us to…

COLLABORATE across public health and public safety sectors

By creating opportunities to…

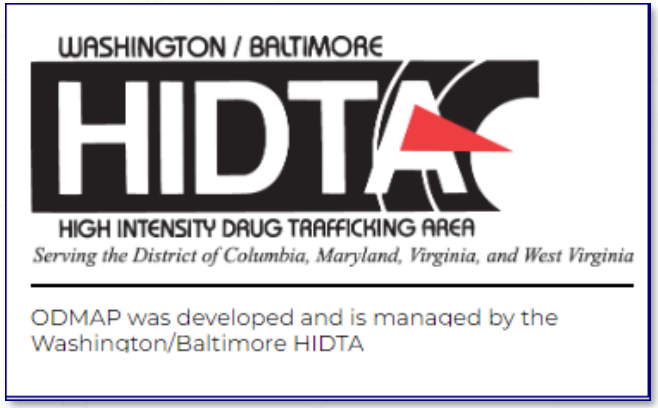
SHARE data, insights and trends we are seeing related to drug overdose in our communities

We use that information to…

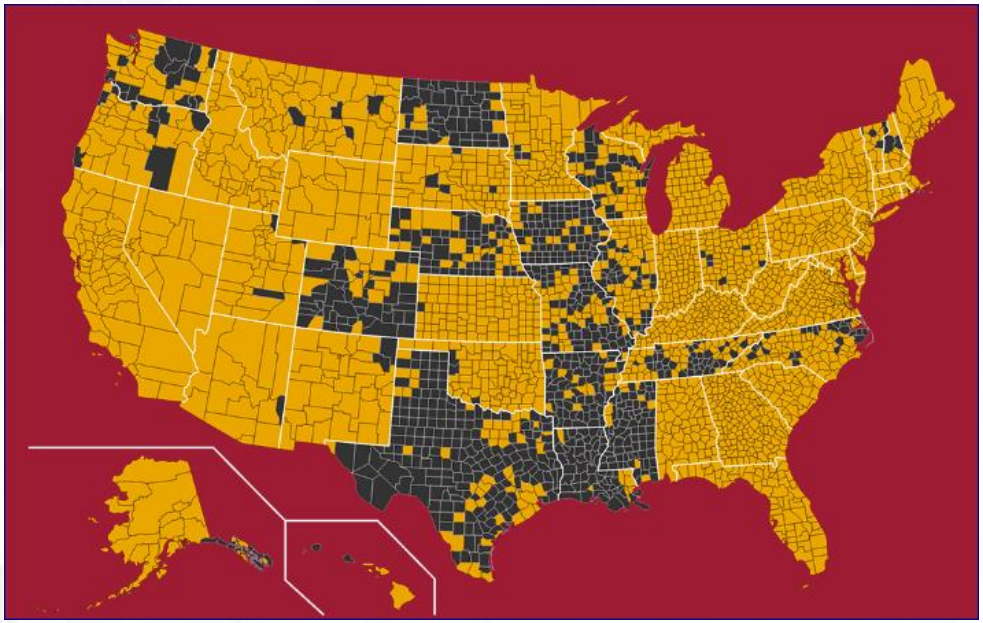
INFORM AND HELP local communities develop local solutions to reduce overdoses and save lives

What is ODMAP?

ODMAP is a **free**, web-based tool that provides near **real-time surveillance** of suspected overdose events to **support public safety and public health** efforts to mobilize an **immediate response** to overdose events



ODMAP National Engagement



ODMAP has participating agencies in **all 50 states**, the **District of Columbia**, and **Puerto Rico**.

ODMAP Program Goals

- Provide **near real-time surveillance** of suspected overdose events
- Provide participating agencies with data to **identify** suspected overdose **occurrences** and **spikes** in near real-time
- Enable participating agencies to **develop effective strategies** for addressing overdose incidents occurring in their jurisdictions
- Enhance the development of **regional strategies** designed to **prevent the spread** of substance use disorders resulting in overdose incidents

ODMAP Agency Eligibility

- Federal, state, local, and tribal
  - Law enforcement, fire departments, EMS agencies and medical examiners
  - Public health personnel
- Hospitals with emergency departments

  Excludes associated researched units commonly seen with universities
- All agencies **must sign** a participation agreement prior to gaining access, which outlines the ODMAP policies and procedures

ODMAP and HIPAA

- ODMAP is not considered a system of record – it collects location, date/time, fatality status, and naloxone administration
- The information captured by ODMAP is not considered PHI (Protected Health Information) – the location is translated into a geo-located point where an overdose occurred without any other information about a person
- W/B HIDTA and ODMAP do not retain any address information within the platform or on the server (they are deleted)
- ODMAP Zoom function is restricted to a zoom Level ID: 15 (scale of 1:18055.95)

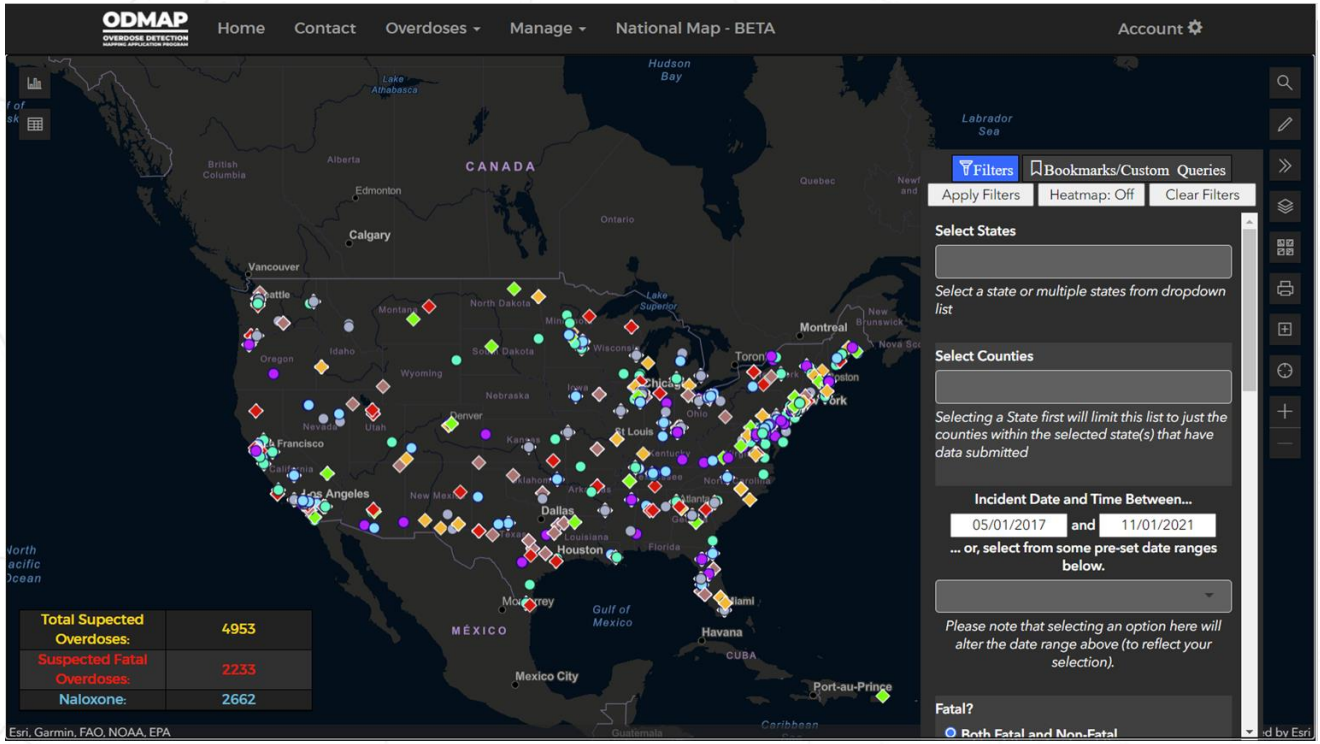
Data Sharing

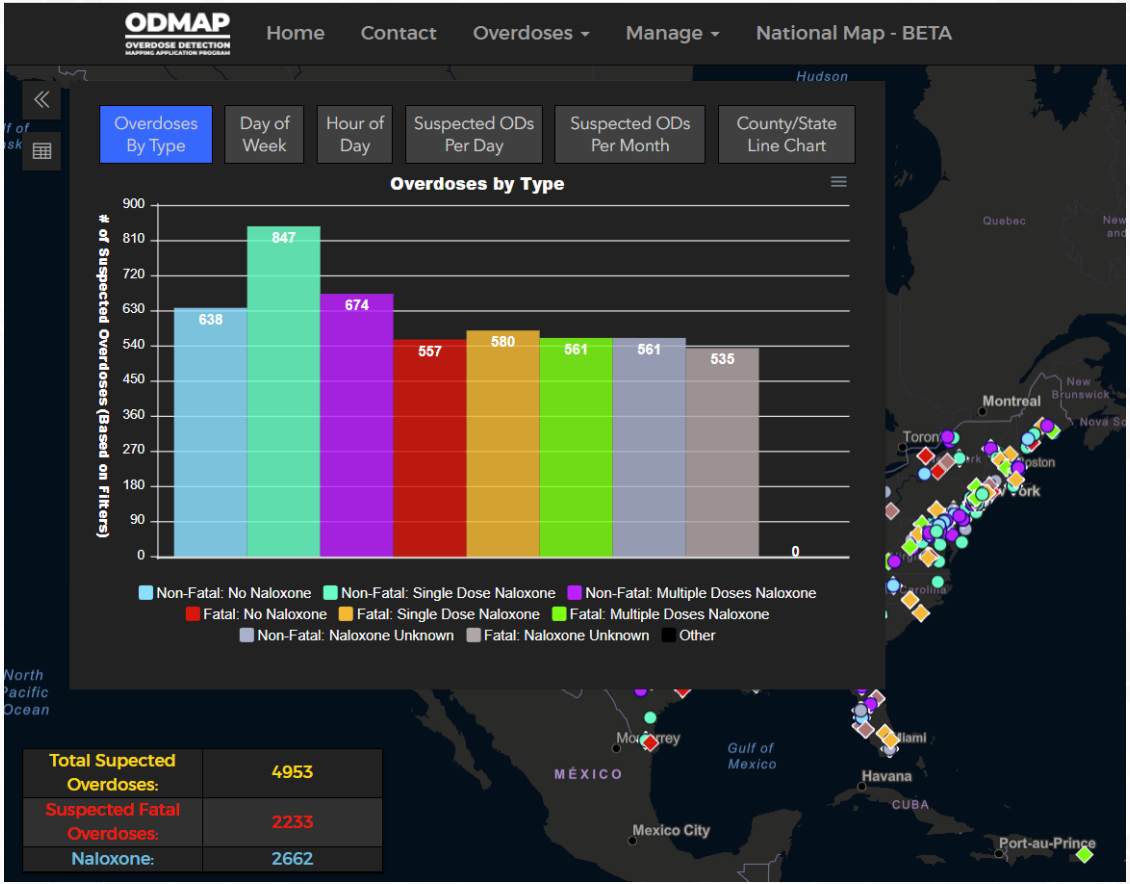
- Follow the need-to-know rule
  - ODMAP is NOT meant for the general public / media
- Restrict access to images, especially with individual points
- When in doubt, reach out to the data owners
- ODMAP is not intended to be a system of record
- For specific questions, reach out to Ali Burrell aburrell@wb.hidta.org

ODMAP Tools

The National Map and Spike Alerts

National Map and Its Features

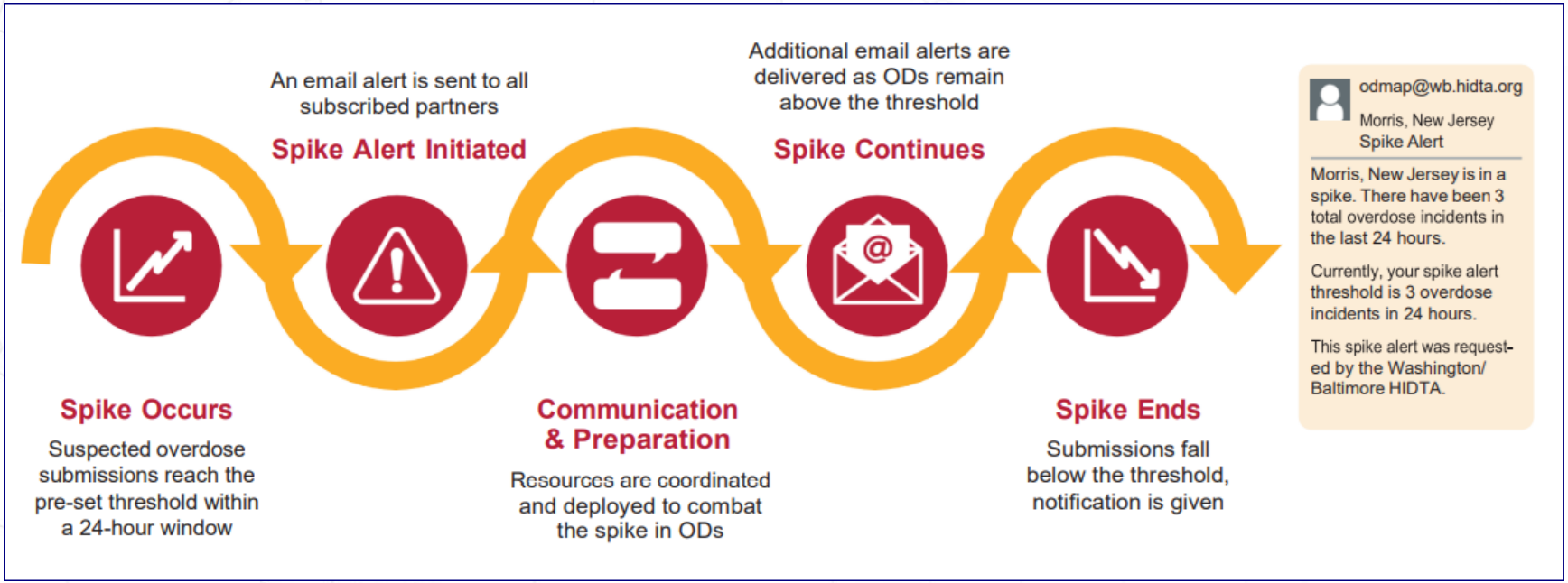



ODMAP
OVERDOSE DETECTION MAPPING APPLICATION PROGRAM
Home
Contact
Overdoses
Manage
National Map - BETA
Overdoses By Type
Day of Week
Hour of Day
Suspected ODs Per Day
Suspected ODs Per Month
County/State Line Chart
Overdoses by Type
# of Suspected Overdoses (Based on Filters)
900
810
720
630
540
450
360
270
180
90
0
638
847
674
557
580
561
561
535
0
Non-Fatal: No Naloxone
Non-Fatal: Single Dose Naloxone
Non-Fatal: Multiple Doses Naloxone
Fatal: No Naloxone
Fatal: Single Dose Naloxone
Fatal: Multiple Doses Naloxone
Non-Fatal: Naloxone Unknown
Fatal: Naloxone Unknown
Other
Total Supected Overdoses: 4953
Suspected Fatal Overdoses: 2233
Naloxone: 2662
Hudson
Quebec
Montreal
Toronto
Boston
New York
Miami
Havana
CUBA
Gulf of Mexico
MÉXICO
Mexico City
Port-au-Prince
North Pacific Ocean

ODMAP Features

- ODMAP National Map
  - Cross jurisdiction suspected event information
  - Filters
  - Heat maps
  - Charts
- Spike, Overdose, and Statewide Alerts
- Add community data and Esri web layers (points of interest, i.e. schools, treatment centers, etc.)
- Michigan data is provided mostly through Mi-EMSIS (MI EMS Information System)

Spike Alerts



Spike Alert Response

- Agencies create a tailored spike response program to ensure there is a quick response to increases or spikes in overdoses
- Include public health, law enforcement, fire and EMS, hospitals, medical examiners, etc.
- Set up spikes alerts for any threshold on ODMAP, so agencies can be alerted based on their agency's prevention/response program

Spike Alert Response

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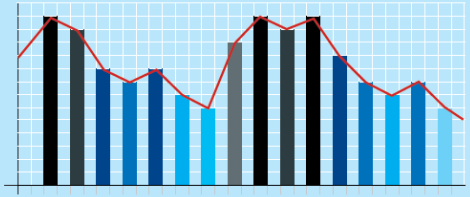
OVERDOSE SPIKE RESPONSE FRAMEWORK



A companion guide for ODMAP stakeholders

WASHINGTON/BALTIMORE HIDTA
HIGH INTENSITY DRUG TRAFFICKING AREAS

JANUARY 2018

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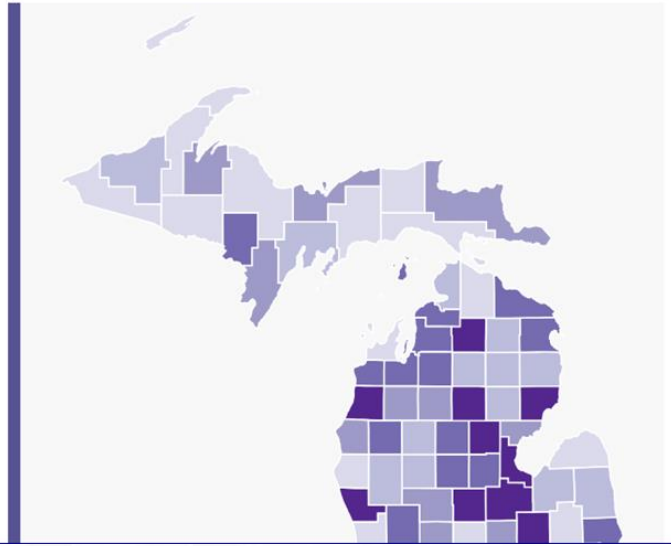
ODMAP Demo

INJURY PREVENTION CENTER
UNIVERSITY OF MICHIGAN

Home About Contact Us Login

Welcome to the Michigan System for Opioid Overdose Surveillance

9,476
EMS naloxone administrations
Jan 1, 2023 - Sep 20, 2023



1,606
Suspected fatal overdoses*
Jan 1, 2023 - Sep 20, 2023

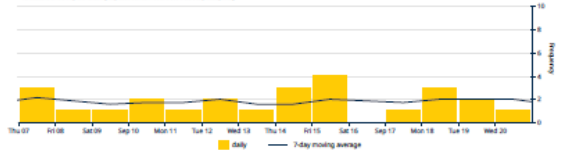
Kent County

EMS Naloxone Administrations

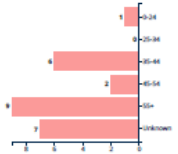
Sep 7, 2023 to Sep 20, 2023

25
total

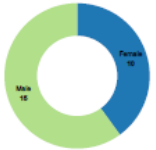
3
unmappable incidents



Age



Gender



Race

INJURY PREVENTION CENTER

Frequency per City

City	Incidents	Percent
Grand Rapids	16	64.0%
Kentwood	4	16.0%
Caledonia	1	4.0%
Cedar Springs	1	4.0%
Comstock Park	1	4.0%
Sparta	1	4.0%
Wyoming	1	4.0%

Frequency per Zip Code

Zip Code	Incidents	Percent
49548	8	32.0%
49503	4	16.0%
49508	3	12.0%
49507	2	8.0%
49512	2	8.0%
49316	1	4.0%
49319	1	4.0%
49321	1	4.0%
49345	1	4.0%
49505	1	4.0%
49509	1	4.0%

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odmap.org

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SOS Authorized User Dashboard

https://injurycenter.umich.edu/opioid-overdose/opioid-surveillance/