



# NEW ENGLAND HIDTA

## HEROIN RESPONSE STRATEGY

PAARI National Conference December 2017



# Overdose Detection Mapping Application Program (ODMap)

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DEVELOPED BY: WASHINGTON/BALTIMORE HIDTA



# ODMap Concept

- ▶ ODMAP provides real-time overdose surveillance across jurisdictions to support public safety and public health efforts to mobilize immediate responses to overdose spikes
- ▶ It links first responders on scene to a mapping tool to track overdose spikes as they happen for response and strategic analysis
- ▶ It is designed to show spikes across multiple jurisdictions
- ▶ It is a mobile site that can be used in the field via any mobile device or mobile device terminal, or data can added later from any computer
- ▶ Partnering agencies sign a Teaming Agreement outlining policies for system use to protect the data being reported
- ▶ The general public does not have access to this system



# Implementation

- ▶ 3 county pilot
- ▶ Roll out to First Responders Agency by Agency
- ▶ Teaming Agreement
- ▶ System live
  - ▶ 26 states – AL, AK, AZ, FL, GA, IN, IL, KY, MA, MD, MI, MN, MT, NC, NH, NM, NY, OH, OR, PA, SC, TX, VA, WA, WI, and WV.
  - ▶ 100+ counties
  - ▶ 225+ Signed Teaming Agreements



# Data Intake Interface – Level I user

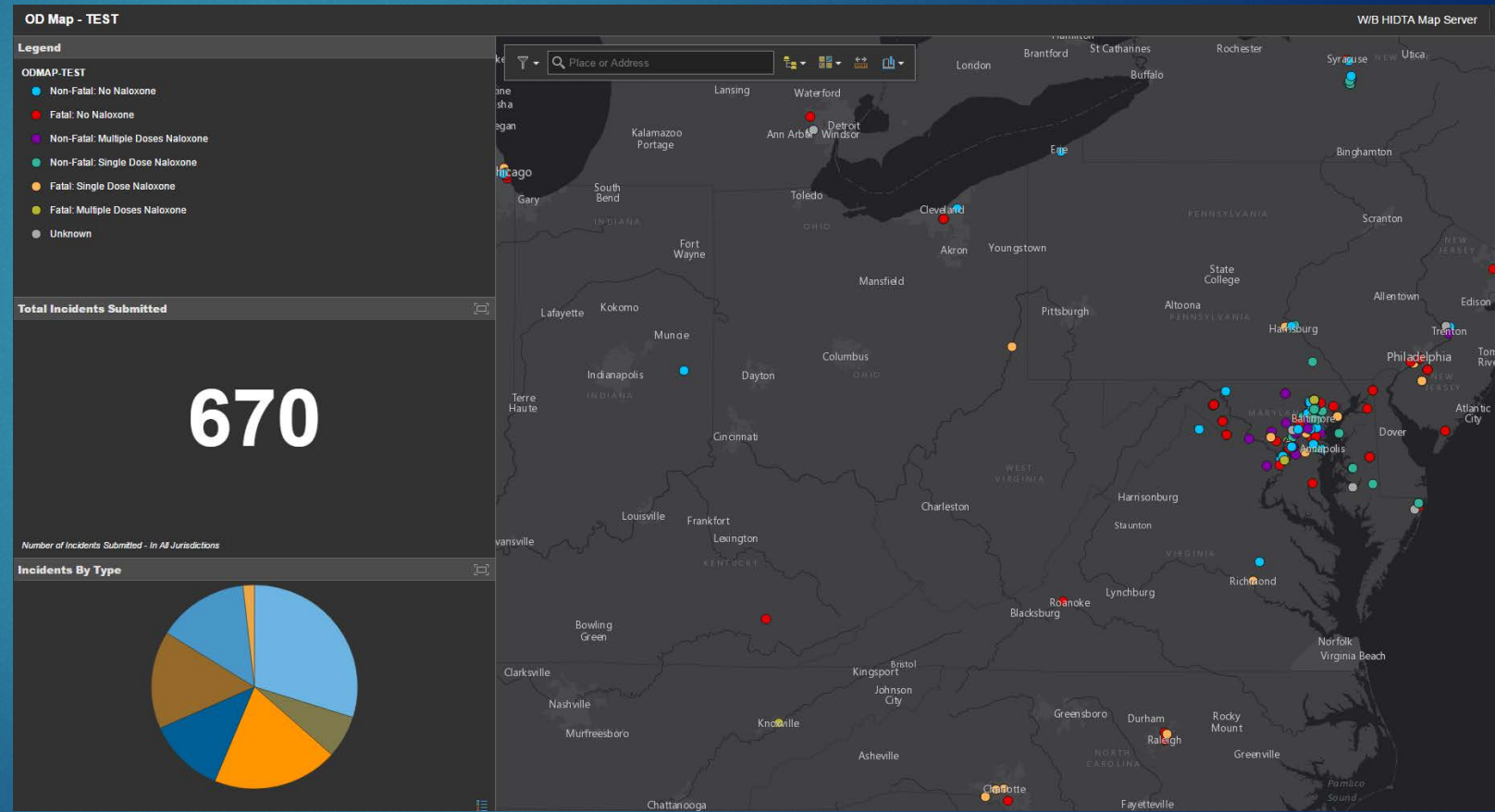
- ▶ Data is entered into the system by a Level I user, defined as an officer or fire/EMS provider on scene or reported to a central location to be entered into the system
- ▶ The Level I user makes a determination as to whether the incident/victim is fatal or non-fatal and the number of doses of Naloxone administered on scene
- ▶ The Level I information is submitted to a central database and mapped to an approximate location
- ▶ The Level I user does not collect any personal identifying information on the victim, nor is the data stored in the central database

The screenshot shows the ODMaP mobile application interface. At the top, the title 'ODMaP' is displayed next to a hamburger menu icon. Below the title is a section titled 'ENTER LOCATION' with two radio button options: 'Use my current location.' (selected) and 'I will enter an address below (Include city/state/zip):' with an adjacent text input field. The interface is divided into two main sections: 'NON-FATAL OVERDOSES' and 'FATAL OVERDOSES'. Each section contains three buttons for Naloxone administration: 'Naloxone Not Administered', 'Naloxone Single Dose Administered', and 'Naloxone Multiple Doses Administered'. The buttons are color-coded: blue for non-fatal not administered, green for non-fatal single dose, purple for non-fatal multiple doses, red for fatal not administered, orange for fatal single dose, and brown for fatal multiple doses. At the bottom of the screen, there is a status bar showing a signal strength icon and the year '2017'.



# ODMap Interface – Level II User

- ▶ The Level II must request and be granted a login credential to access the central database and map which captures the approximate locations of the overdoses as reported by the Level I user
- ▶ Level II users are public health and public safety officials and analysts
- ▶ The general public does not have access to this system
- ▶ There are advanced search and filtering features in the system for analysis purposes





# Spike Alert System

- ▶ ODMAP is designed to alert Level II users when an overdose spike occurs in real time
- ▶ Level II users can receive a spike alert within their jurisdiction or surrounding jurisdictions
- ▶ It is intended to give the public safety and public health community real time alerts to mobilize a response strategy

From: ODMAPAlert@wb.hidta.org [mailto:ODMAPAlert@wb.hidta.org]  
Sent: Monday, April 3, 2017 11:35 AM  
To: Cibor, Jack <jcibor@wb.hidta.org>; Beeson, Jeff <jbeeson@wb.hidta.org>  
Subject: ODMap - OD Spike Detected

OD Spike Alert!!!! An OD Spike was detected in X County, MD. There have been 5 incidents in X County, MD in the last 24 hours. The Spike Alert Threshold for X County, MD is currently set to 5 ODs in a 24 hour period.

To learn more about these incidents and to monitor incoming data, ODMAP Level 2 Users can log into the ODMAP Dashboard application at <https://secure.hidta.org>. You can register for ODMAP Level 2 access at that same URL.



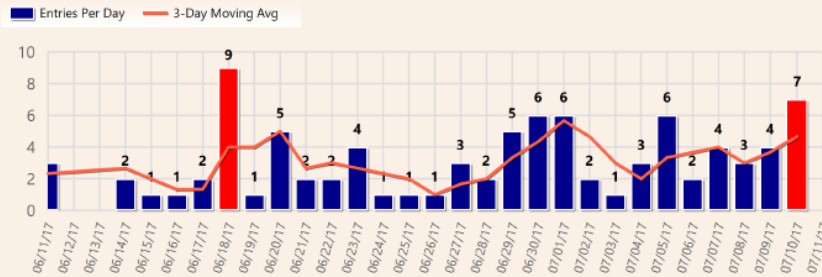
# Reporting Tools

- ▶ Level II users have access to information within their own jurisdiction and other jurisdictions
- ▶ Have the ability to see how drugs are moving and can anticipate spikes
- ▶ Designed to establish better planning in terms of resources

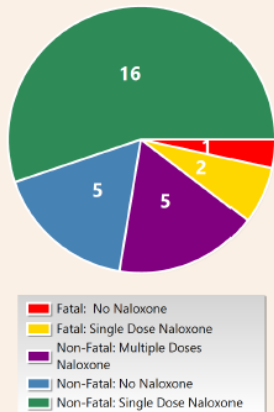


# Weekly Report provided by ODMAP

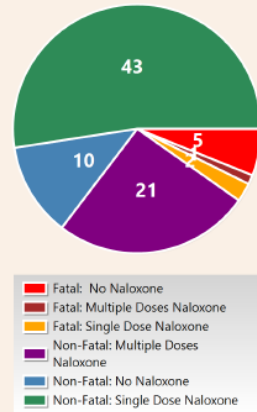
ODMAP Suspected Overdose Submissions - in the last month



Last 7 Days (7/4/2017 - 7/10/2017)



In the Last Month (6/11/2017 - 7/10/2017)

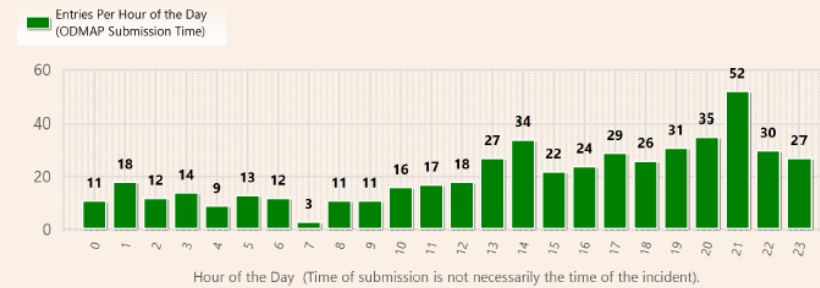


Total Submissions In Last Week	Daily Max	Fatal	Non-Fatal	Naloxone Administrations
29	7	3	26	23

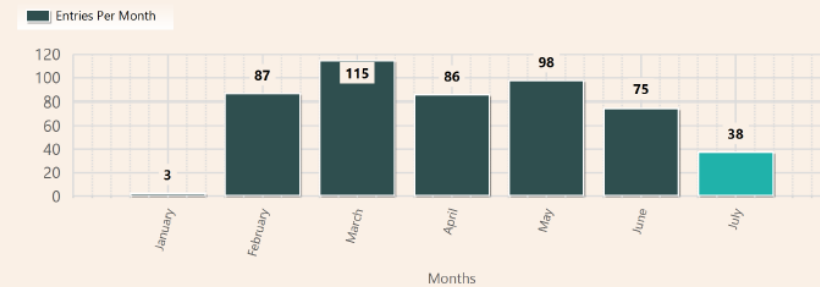
SENSITIVE DATA

Total Submissions	Average Daily Count (All Time)	Standard Deviation	Max Count (Single Day)	Suggested Spike Value
502	3.35	1.861	15	7

ODMAP Suspected Overdose Submissions - All Data Submitted



ODMAP Suspected Overdose Submissions - 2017



SENSITIVE DATA



# THANK YOU

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