

The Overdose Detection Mapping Application Program (ODMAP)

Overview

Washington/Baltimore High Intensity Drug Trafficking Areas

The Problem

Nationally, over 52,000 overdose deaths were reported in 2015, with all but nine states reporting an increase from 2014. Preliminary data from 2016 shows a significant increase in overdose deaths to date, and each state is investigating tools to deal with this emerging crisis. In Maryland, 2,089 deaths were reported, a significant increase from 1,259 in FY 15. Unfortunately, we lack a consistent methodology to track overdoses, both fatal and non-fatal, in real time across jurisdictions, which is necessary to mobilize a public health response capable of addressing these issues within our communities.

The Concept

ODMAP provides real-time overdose surveillance data across jurisdictions to support public safety and health efforts to mobilize an immediate response to an overdose spike. It links first responders on scene to a mapping tool to track overdoses to stimulate real-time response and strategic analysis across jurisdictions. It is a mobile tool, capable of being used in the field on any mobile device or data terminal connected to an agency CAD system. Agencies sign a teaming agreement and have the ability to upload data and view the map in real time.

How it Works

First Responders enter data into the system identifying whether or not the incident is fatal or non-fatal and whether or not naloxone was administered in a simple one-click system that takes seconds. No personal identifying information is collected on the victim or location. Level II users, defined as public health or safety staff are issued a login credential to enter our secure server to view the map. There are several filtering tools for analytical purposes and Level II users can elect to receive email notification when an overdose spike, defined specifically for each county, occurs within a 24-hour period. The spike notification system is designed to help public health and safety entities mobilize a response to affected areas including treatment and prevention strategies.

Early Success

The pilot phase initiated within three counties from January 18 through March 1, 2017, and there are currently 38 counties within eleven states (MD, WV, OH, PA, NY, SC, AL, WA, MA, OR, and FL) actively entering data and receiving weekly updates and spike alerts. Over 2,800 overdose incidents have been reported and multiple spike alerts issued in that time. We have over 145 teaming agreements (listed on the following page) signed and hundreds of individuals interfacing with the system representing federal, state, and local public safety, health, and policy groups.

Further Questions

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ODMAP Teaming Agreements/Users

Alabama

1. Center Point Fire District
2. Alabama Law Enforcement Agency
3. Concord Fire District

Delaware

4. Delaware State University PD

Federal

5. SAMHSA
6. ONDCP
7. CDC
8. Representative McKinley
9. Representative Comstock
10. DEA – Alabama Offices

Florida

11. Collier County Sheriff's Office
12. Martin County Sheriff's Office
13. Miami-Dade County State's Attorney's Office
14. Jacksonville Sheriff's Office

HIDTA

15. South Florida HIDTA
16. Atlanta-Carolinas HIDTA
17. Appalachia HIDTA
18. Texoma HIDTA
19. Northern California HIDTA
20. Ohio HIDTA
21. Philly/Camden HIDTA
22. Michigan HIDTA
23. NY/NJ HIDTA
24. North Florida HIDTA
25. Oregon-Idaho HIDTA
26. Midwest HIDTA
27. Southwest Border – New Mexico HIDTA
28. LA HIDTA
29. Chicago HIDTA
30. South Texas HIDTA
31. Northwestern HIDTA
32. North Central HIDTA
33. Indiana HIDTA
34. Nevada HIDTA
35. North Florida HIDTA
36. Central Florida HIDTA
- 37.

Kentucky

38. Louisville Metro Emergency Services
39. Louisville Metro PD

Maine

40. Maine Information and Analysis Center

Maryland

41. Anne Arundel County Police

42. Anne Arundel County Public Health
43. Kent County Behavioral Health
44. Worcester County Sheriff's Office
45. Talbot County Health Department
46. Hagerstown Police Department
47. Washington County Sheriff's Office
48. Talbot County Sheriff's Office
49. Dorchester County Sheriff's Office
50. Harford County Sheriff's Office
51. Caroline County Sheriff's Office
52. Calvert County Sheriff's Office
53. Queen Anne's DES

Massachusetts

54. Arlington Police Department
55. East Bridgewater Police Department
56. Ashland PD
57. Pepperell PD
58. Beverly PD
59. Whitman PD
60. Wakefield PD
61. Framingham PD
62. Littleton PD
63. Holliston PD

New Jersey

64. Warren County Prosecutor's Office
65. Middlesex County Prosecutor's Office
66. Burlington County Prosecutor's Office

New York

67. Albany Police Department
68. Ithaca PD
69. Johnson City PD
70. Broome County Office of Emergency Services
71. Village of Endicott PD
72. Erie County Central Police Services
73. Cheektowaga PD
74. City of Binghamton PD
75. Orleans County Major Felony Crime TF
76. Orleans County Sheriff's Office
77. Orleans County Coroner's Office
78. Orleans County Health Department
79. Buffalo PD
80. Niagara County Sheriff's Office
81. Big Tree VFC
82. Erie County Dept. of Health
83. Erie County Dept. of Mental Health
84. Town of West Seneca PD
85. Cattaraugus Indian Reservation VFD
86. Erie County Emergency Medical Services
87. Blasdell PD
88. Town of Orchard Park PD
89. Town of Eden Police
90. Town of Evans PD

91. Lake Plains Community Care Network
92. City of Olean PD
93. Erie County Sheriff's Office
94. Greece Police Department
95. Depew PD
96. Wyoming County Sheriff's Office
97. Nassau County PD

North Carolina

98. Forsyth County Emergency Services

Ohio

99. Adena Police Department
100. Smithfield Police Department
101. Vermillion PD
102. Wellington PD
103. Perrysburg PD
104. Warren PD
105. Lucas County Sheriff's Office
106. Franklin County Drug Task Force
107. Lorain PD
108. Parma PD
109. Cleveland PD
110. Fairfield-Hocking-Athens Major Crimes Unit
111. Montgomery County Sheriff's Office
112. Franklin County Coroner's Office

Oregon

113. Oregon Dept. of Justice
114. Milwaukie PD
115. Gladstone PD
116. Canby PD
117. Molalla PD
118. Lake Oswego PD
119. American Medical Response

Pennsylvania

120. Washington County Dept. of Public Safety
121. Philadelphia Police Department
122. Philadelphia Dept. of Public Health

South Carolina

123. Richland County Sheriff's Department
124. Columbia Police Department

Washington

125. Suquamish PD

West Virginia

126. Jefferson County Sheriff's Office
127. City of Martinsburg
128. Berkeley County Emergency Ambulance Authority
129. Berkeley County Government
130. Shepherdstown Fire Department
131. Jefferson County Emergency Communications
132. Ohio County Sheriff's Office
133. West Liberty Volunteer Fire Department
134. Wheeling-Ohio County Homeland Security
135. Wheeling Police Department

136. Brooke County Sheriff's Office
137. Wheeling Fire Department
138. Wheeling-Ohio County Health Department
139. Glen Dale Police Department
140. Sistersville General Hospital
141. Ohio Valley Medical Center
142. Jefferson County Health Department
143. South Charleston Fire Department
144. City of Bluefield PD
145. West Virginia State Police
146. Wood County Sheriff's Office