Purpose: The NH Drug Monitoring Initiative (DMI) is a holistic strategy to provide awareness and combat drug distribution and abuse. In line with this approach the DMI will obtain data from various sources (to include, but not limited to, Public Health, Law Enforcement, and EMS) and provide monthly products for stakeholders as well as situational awareness releases as needed.

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⇒ Year/month overview charts are based on annual estimates from the above website. County charts are based on a 2015 estimated population of each county.

⇒ If your agency is looking for further breakdowns than what is in this document please contact the NHIAC.
Overview: Trends for EMS Narcan Incidents, Opioid Related ED Visits, Treatment Admissions, and Overdose Deaths:

EMS Narcan Administration, Opioid Related ED Visits, and Treatment Admissions per 100,000 Population
July 2016 - June 2017

Drug Overdose Deaths By Year
Data Source: NH Medical Examiner’s Office

* 2016 Numbers are based on analysis as of 29 June 2017
**Trends:**
- Drug overdose deaths are projected to increase by 10.7% from 2015 to 2016.
- In 2017 Hillsborough County had the highest suspected drug use resulting in overdose deaths per capita at 1.66 deaths per 10,000 population.
- Rockingham and Strafford County had the second highest suspected drug use resulting in overdose deaths per capita at 1.36 deaths per 10,000 population.
- The age group with the largest number of drug overdose deaths is 30-39 which represents 27% of all overdose deaths for 2017.
- As released by the Attorney General’s Office on 12 July, 2017 there have been 10 deaths related to the use of carfentanil in 2017.

***IMPORTANT DATA NOTES***
- 2016 Numbers are based on analysis as of 29 June 2017. There are cases from 2016 that are “pending”. It can take 2-3 months to receive toxicology results and determine the cause of death.
- Analysis is based on county where the drug(s) is suspected to have been used.

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**Overdose Deaths by Year per 100,000 Population**

Data Source: NH Medical Examiner’s Office

- *2016 Numbers are based on analysis as of 29 June 2017*
- + Cocaine and Fentanyl/Heroin Related deaths are not mutually exclusive, several deaths involved both categories

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**Overdose Deaths by County per 10,000 Population**

Data Source: NH Medical Examiner’s Office

- *2017 Numbers are based on analysis as of 31 July 2017 - 71 cases still pending*
### Cocaine Combinations

<table>
<thead>
<tr>
<th>Combination</th>
<th># of Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocaine; Fentanyl</td>
<td>8</td>
</tr>
<tr>
<td>Acetyl Fentanyl; Cocaine, Fentanyl, Heroin</td>
<td>2</td>
</tr>
<tr>
<td>Cocaine</td>
<td>2</td>
</tr>
<tr>
<td>Cocaine; Fentanyl; Heroin</td>
<td>2</td>
</tr>
<tr>
<td>Buprenorphine; Cocaine ; Fentanyl</td>
<td>1</td>
</tr>
<tr>
<td>Clonazepam; Cocaine; Fentanyl</td>
<td>1</td>
</tr>
<tr>
<td>Cocaine; Ethanol; Fentanyl</td>
<td>1</td>
</tr>
<tr>
<td>Cocaine; Fentanyl; Methamphetamine</td>
<td>1</td>
</tr>
<tr>
<td>Cocaine; Heroin</td>
<td>1</td>
</tr>
</tbody>
</table>

### Fentanyl Combinations

<table>
<thead>
<tr>
<th>Combination</th>
<th># of Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fentanyl</td>
<td>63</td>
</tr>
<tr>
<td>Ethanol; Fentanyl</td>
<td>9</td>
</tr>
<tr>
<td>Cocaine; Fentanyl</td>
<td>8</td>
</tr>
<tr>
<td>Acetyl Fentanyl; Fentanyl</td>
<td>6</td>
</tr>
<tr>
<td>Carfentanil; Fentanyl</td>
<td>5</td>
</tr>
<tr>
<td>Fentanyl; Heroin</td>
<td>3</td>
</tr>
<tr>
<td>Acetyl Fentanyl; Cocaine; Fentanyl; Heroin</td>
<td>2</td>
</tr>
<tr>
<td>Amitriptyline; Fentanyl</td>
<td>2</td>
</tr>
<tr>
<td>Carfentanil; Ethanol; Fentanyl</td>
<td>2</td>
</tr>
<tr>
<td>Cocaine; Fentanyl; Heroin</td>
<td>2</td>
</tr>
<tr>
<td>Acetyl Fentanyl; Ethanol; Fentanyl</td>
<td>1</td>
</tr>
<tr>
<td>Alprazolam; Ethanol; Fentanyl</td>
<td>1</td>
</tr>
</tbody>
</table>

*2017 Numbers are based on analysis as of 31 July, 2017

Source: NH Medical Examiner's Office
Overdose Deaths by Town* - 2017 + +
(Data Source: NH Medical Examiner’s Office)
*Location where the drug(s) is suspected to have been used.
+2017 data was reported on July 31, 2017
There are many more deaths that are suspected to be drug related, but the official cause of death is pending until the toxicology results are received.
Trends:
- EMS Narcan administration increased by 32% from May to June.
- In June Belknap County had the most EMS Narcan administration incidents per capita with 4.47 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 128 incidents in June.
- The age group with the largest number of EMS Narcan administration incidents is 30-39 which represents 35% of all EMS Narcan administration incidents for June.
- NH Bureau of EMS “lives saved” has increased by 56% from May to June.

*** IMPORTANT DATA NOTES***
- Narcan data in this report involves the number of incidents where Narcan was administered, NOT the number of doses of Narcan during a certain time period. Multiple doses may be administered during an incident.
- Narcan is administered in cases of cardiac arrest when the cause of the arrest cannot be determined. It therefore cannot be concluded that all of the reported Narcan cases involved drugs.
EMS Narcan Administration (Continued):

Data Source: NH Bureau of Emergency Medical Services (EMS)

RODS, or Revised Over Dose Score, is based on the combined delta of documented respiratory rate (RR) and Glasgow Coma Score (GCS - measure of alertness) before and after Narcan administration. For example, RR improved from 6/min to 12/min (delta of 6) and GCS improved from 10 to 13 (delta of 3), the RODS score would be 9. The delta of the vital signs is calculated per incident, so the patient may have received more than one dose of Narcan to achieve the effect in the RODS.

EMS Narcan Administration—Lives Saved

<table>
<thead>
<tr>
<th>RODS Outcome</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Improvement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Negative RODS Score</td>
<td>143</td>
<td>89</td>
</tr>
<tr>
<td>Some Improvement</td>
<td>28</td>
<td>26</td>
</tr>
<tr>
<td>Negative</td>
<td>10</td>
<td>19</td>
</tr>
<tr>
<td>Improvement</td>
<td>117</td>
<td>95</td>
</tr>
<tr>
<td>Lives Saved</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RODS Score of 8+</td>
<td>298</td>
<td>229</td>
</tr>
<tr>
<td>Total</td>
<td>298</td>
<td>229</td>
</tr>
<tr>
<td></td>
<td>270</td>
<td>206</td>
</tr>
<tr>
<td></td>
<td>237</td>
<td>196</td>
</tr>
<tr>
<td></td>
<td>210</td>
<td>166</td>
</tr>
<tr>
<td></td>
<td>211</td>
<td>232</td>
</tr>
<tr>
<td></td>
<td>202</td>
<td>213</td>
</tr>
<tr>
<td></td>
<td>281</td>
<td></td>
</tr>
</tbody>
</table>

RODS, or Revised Over Dose Score, is based on the combined delta of documented respiratory rate (RR) and Glasgow Coma Score (GCS - measure of alertness) before and after Narcan administration. For example, RR improved from 6/min to 12/min (delta of 6) and GCS improved from 10 to 13 (delta of 3), the RODS score would be 9. The delta of the vital signs is calculated per incident, so the patient may have received more than one dose of Narcan to achieve the effect in the RODS.
EMS/Narcan Administration by Town
7/1/2016 – 6/30/2017
Data Source: New Hampshire Bureau of EMS

INDEX

Belknap
1. Grafton
2. Hinsdale
3. Alstead
4. Laconia

Hillsborough
5. Amherst
6. Bedford
7. Bow

Carroll
8. Croydon
9. Langdon
10. Haverhill

Hillsborough
11. Bow
12. Epping
13. Raymond
14. Durham

Rockingham
15. Kingston
16. Dover
17. Strafford

INDEX

INDEX

*Incidents Where Narcan Was Administered*

0
1 - 10
11 - 25
26 - 50
51 - 100
101 - 200
201 - 500
501 - 750

Scale: 1:1,150,000
Trends:
- Opioid related ED visits increased by 12% from May — June 2017.
- In June residents from Strafford County had the most opioid related ED visits per capita with 6.54 visits per 10,000 population.
- Merrimack County had the second highest number of opioid related ED visits per capita with 6.49 visits per 10,000 population.
- The age group with the largest number of opioid related ED visits is 20-29 which represents 37% of all opioid related ED visits for June.

*** IMPORTANT DATA NOTES***
- County represents where the opioid use patient resides.
- These data represent any encounter with the term “heroin, opioid, opiate, or fentanyl” listed as chief complaint text. These data also represent any encounter with an ICD-10 code that was designated for heroin and opioids.
- Currently all but two of the hospitals are sending ICD-10 data.

Source: NH Division of Public Health Services
Trends:
- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions increased by 20% from May to June.
- In June residents from Hillsborough County were admitted most often for opioid/opiate treatment per capita with 1.93 admissions per 10,000 population.
- More males than females were admitted to treatment programs in June for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions increased by 68% from May to June.
- Cocaine/Crack treatment admissions decreased by 11% from May to June.

*** IMPORTANT DATA NOTES***
- County represents where the patient resides.
- These data represent treatment admissions to state funded facilities.
### Treatment Admissions (Continued):

**Data Source:** NH Bureau of Drug & Alcohol Services

#### Heroin/Fentanyl, Rx Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by Month per 100,000 Population

*July 2016 - June 2017*

#### Opioid/Opiate Treatment Admissions by County per 10,000 Population

*Source: NH Bureau of Drug & Alcohol Services*
The BDAS Brief is a monthly eNewsletter designed to publicize the great work being done throughout New Hampshire on behalf of substance misuse prevention, intervention, treatment and recovery. This eNewsletter contains information of statewide significance for those of us interested in substance misuse, including:

- links to downloadable products you can use in your work and community;
- news about exciting new initiatives;
- information on funding opportunities; and
- call-outs for awareness and educational events

If you would like to receive the eNewsletter directly please subscribe HERE (only your e-mail and zip code are required.) If you have any questions about the eNewsletter, contact BDAS Health Promotion Advisor Randy Moser at Randolph.Moser@dhhs.nh.gov.

### NEW HAMPSHIRE SAFE STATIONS

<table>
<thead>
<tr>
<th>Manchester As of:</th>
<th>Nashua 7/7/2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of requests at MFD/NFR for Safe Station:</td>
<td>2038</td>
</tr>
<tr>
<td>Number of participants transported to Hospitals:</td>
<td>340</td>
</tr>
<tr>
<td>Number of participants taken to HOPE in NH:</td>
<td>347</td>
</tr>
<tr>
<td>Number of participants taken to Serenity Place:</td>
<td>1350</td>
</tr>
<tr>
<td>Number of participants taken to PSL facilities:</td>
<td>N/A</td>
</tr>
<tr>
<td>Number of participants seen for ODs prior to seeking SS Help:</td>
<td>——</td>
</tr>
<tr>
<td>Average Length of Time MFD/NRF Company “Not Available”:</td>
<td>14 min</td>
</tr>
<tr>
<td>Number of UNIQUE participants:</td>
<td>1423</td>
</tr>
<tr>
<td>Number of REPEAT participants:</td>
<td>327</td>
</tr>
<tr>
<td>Age Range of Participants:</td>
<td>18-70</td>
</tr>
</tbody>
</table>

### Laconia Sees 905% Increase in Doses of Narcan Used in Opioid Overdoses:

According to WMUR, at one point Laconia was seeing a decrease in overdoses. The past 68 days have proven that the opioid crisis remains a big issue in the Lakes Region. Laconia firefighters said they have used over 900 percent more Narcan in the last 5 weeks than in the same period last year.

In the last 68 days Laconia firefighters responded to an average of 30 overdoses. “(There was) an incident the other day where we had six separate overdoses within a 12-hour period,” Assistant Fire Chief Kirk Beattie said. Laconia fire personnel administered 116 doses of Narcan in 68 days.

Source: www.wmur.com Updated: July 8, 2017
Substance Abuse Treatment/Recovery Directory:
State funded treatment facilities in NH (NOT a complete list) - Data Source: NH Department of Health and Human Services

BERLIN
Tri-County Community Action Programs Inc.
30 Exchange Street
Berlin, NH 03570

CANAAAN
HALO Educational Systems
44 Roberts Road
Canaan, NH 03741

CONCORD
Concord Hospital
The Fresh Start Program
(Intensive Outpatient 18 years and older and Outpatient Services.)
250 Pleasant Street, Suite 5400
Concord, NH 03301
Phone: 603-225-2711 ext. 2521

DOVER
Southeastern NH Alcohol and Drug Abuse Services
(Outpatient and Intensive Outpatient Services.)
272 County Farm Road
Dover, NH 03820
Crisis Center: 603-516-8181
Main: 603-516-8160

GILFORD
Horizons Counseling Center
(Intensive Outpatient 18 years and older and Outpatient Services.)
25 Country Club Road Suite #705
Gilford, NH 03249
Phone: 603-524-8005

HAVERHILL
Grafton County House of Corrections
Dartmouth College Road
Haverhill, NH 03765

LEBANON
Headrest
12 Church Street
PO Box 247
Lebanon, NH 03766
Hotline: 603-448-4400 or 800-639-6095
Phone: 603-448-4872

MANCHESTER
Families in Transition
(Provides services for parenting women including pregnant women, intensive outpatient services; housing and comprehensive social services.)
122 Market Street
Manchester, NH 03104
Phone: 603-641-9441

Manchester Alcoholism and Rehabilitation Center
(Intensive Outpatient 18 years and older and Outpatient Services.)
555 Auburn Street
Manchester, NH 03101
Phone: 603-263-6287

National Council on Alcoholism and Drug Dependence—Greater Manchester
101 Manchester St.
Manchester, NH 03101

NASHUA
Greater Nashua Council on Alcoholism
Keystone Hall
(Outpatient and Intensive Outpatient Services for Adults, Adolescents and Their Families.)
615 Amherst Street
Nashua, NH 03063
Phone: 603-943-7971 Ext. 3

The Youth Council
(Outpatient for Adolescents and Families.)
112 W. Pearl Street
Nashua, NH 03060
Phone: 603-889-1090

PORTSMOUTH
Families First of the Greater Seacoast
(Pregnant and Parenting Women, Primary Care Setting, Outpatient.)
100 Campus Drive, Suite 12
Portsmouth, NH 03801
Phone: 603-422-8208 Ext. 150

SOMERSWORTH
Goodwin Community Health Center
311 NH-108
Somersworth, NH 03878

Phoenix Houses of New England
Locations in: Dublin, Keene, Northfield
A full list of Substance Abuse and Treatment Facilities can be found here.
A treatment locator can be found here.