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.
Overview: Trends for EMS Narcan Incidents, Opioid Related ED Visits, Opioid/Opiate Treatment Admissions, and Overdose Deaths:

EMS Narcan Administration, Opioid Related ED Visits, and Opioid/Opiate Treatment Admissions per 100,000 Population
February 2016 - January 2017

Source: NH Division of Public Health Services, NH Bureau of Drug & Alcohol Services, and NH Bureau of EMS

Drug Overdose Deaths By Year per 100,000 Population
Data Source: NH Medical Examiner's Office

* 2016 Numbers are based on analysis as of 2 February 2017 - 43 Cases still pending
**Trends:**
- Drug overdose deaths are projected to increase by 8.6% from 2015 to 2016.
- In 2016 Hillsborough County had the highest suspected drug use resulting in overdose deaths per capita at 4.18 deaths per 10,000 population.
- Strafford County had the second highest suspected drug use resulting in overdose deaths per capita at 4.07 deaths per 10,000 population.
- The age group with the largest number of drug overdose deaths is 30-39 which represents 31% of all overdose deaths for 2016.
- Fentanyl only deaths accounted for 183 deaths. Cocaine and Fentanyl only deaths accounted for 27 deaths in 2016.

*** IMPORTANT DATA NOTES***
- 2016 Numbers are based on analysis as of 2 February 2017. There are 43 cases from 2016 that are “pending toxicology”. 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.
Drug Overdose Deaths (Continued):

**Data Source: NH Medical Examiner’s Office**

### Cocaine Combinations
- Cocaine; Fentanyl: 27 deaths
- Cocaine: 13 deaths
- Cocaine; Ethanol; Fentanyl: 3 deaths
- Cocaine; Fentanyl; Heroin: 3 deaths
- Acetyl Fentanyl; Cocaine; Fentanyl: 2 deaths
- Acetyl Fentanyl; Cocaine; Fentanyl; Heroin: 2 deaths
- Cocaine; Heroin: 1 death
- Cocaine; Fentanyl; Methadone: 1 death
- Cocaine; Fentanyl; Methamphetamine: 1 death
- Cocaine; Fentanyl; Oxycodone: 1 death

### Fentanyl Combinations
- Fentanyl: 183 deaths
- Acetyl Fentanyl; Fentanyl: 30 deaths
- Cocaine; Fentanyl: 27 deaths
- Ethanol; Fentanyl: 15 deaths
- Fentanyl; Heroin: 10 deaths
- Fentanyl; Oxycodone: 7 deaths
- Fentanyl; Methamphetamine: 4 deaths
- Fentanyl; Morphine: 4 deaths
- Cocaine; Ethanol; Fentanyl: 3 deaths
- Cocaine; Fentanyl; Heroin: 3 deaths
- Acetyl Fentanyl; Cocaine; Fentanyl: 2 deaths
- Acetyl Fentanyl; Cocaine; Fentanyl; Heroin: 2 deaths

*2016 Numbers are based on analysis as of 2 February, 2017
Source: NH Medical Examiner’s Office*
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.

Number of Overdose Deaths by Town

- Location where the drug(s) is suspected to have been used.
- Location where the drug(s) is suspected to have been used.
- Location where the drug(s) is suspected to have been used.
Trends:
- EMS Narcan administration increased by 4% from 2015 to 2016.
- In January Carroll County had the most EMS Narcan administration incidents per capita with 2.72 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 66 incidents in January.
- The age group with the largest number of EMS Narcan administration incidents is 21-30 which represents 32% of all EMS Narcan administration incidents for January.
- NH Bureau of EMS “lives saved” has increased by 13% from December to January.

*** 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)

EMS Narcan Administration—Lives Saved

Source: NH Bureau of EMS

<table>
<thead>
<tr>
<th>RODS Outcome</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Improvement</td>
<td>117</td>
<td>138</td>
</tr>
<tr>
<td>Some Improvement</td>
<td>23</td>
<td>22</td>
</tr>
<tr>
<td>Negative Improvement</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>Lives Saved</td>
<td>123</td>
<td>110</td>
</tr>
<tr>
<td>Total</td>
<td>246</td>
<td>252</td>
</tr>
</tbody>
</table>

Lives saved is based on a calculation of the improvement in respiration of greater than 4 after treatment or a combined improvement of the delta of respiratory rate and GCS (measure of alertness) of 6 or greater.

EMS Narcan Administration by County per 10,000 Population

Source: NH Bureau of EMS

# of Incidents Involving Narcan per 10,000 pop

Belknap: 1.82, 2.48, 2.72
Carroll: 1.25, 1.88, 2.08
Cheshire: 1.16, 0.91, 1.49
Coos: 2.08, 2.05, 2.23
Grafton: 1.23, 1.63, 1.62
Hillsborough: 2.05, 2.23, 1.30
Merimack: 1.62, 1.06, 1.36
Rockingham: 1.36, 1.40, 1.12
Strafford: 0.69, 0.46, 0.46
Sullivan: 0.46

Lives saved is based on a calculation of the improvement in respiration of greater than 4 after treatment or a combined improvement of the delta of respiratory rate of GCS (measure of alertness) of 6 or greater.
EMS/Narcan Administration by Town
2/1/2016 - 1/31/2017
Data Source: New Hampshire Bureau of EMS

UNCLASSIFIED - AUTHORIZED FOR PUBLIC RELEASE
Opioid Related Emergency Department Visits:
Data Source: NH Division of Public Health Services

Trends:
- Opioid related ED visits increased by 1% from December—January 2017.
- In January residents from Strafford County had the most opioid related ED visits per capita with 7.10 visits per 10,000 population.
- Based on absolute numbers residents from Hillsborough County had the most opioid related ED visits with 183 visits in January.
- The age group with the largest number of opioid related ED visits is 20-29 which represents 39% of all opioid related ED visits for January.

*** 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
Opioid Related Emergency Department Visits (Continued):

Data Source: NH Division of Public Health Services

Emergency Department Opioid Use Visits per 100,000 Population
February 2016 - January 2017

Source: NH Div. of Public Health Services

Emergency Department Opioid Use Visits by County
per 10,000 Population

Source: NH Div. of Public Health Services
Opioid/Opiate Treatment Admissions:
Data Source: NH Bureau of Drug & Alcohol Services

Trends:
- Opioid/opiate treatment admissions decreased by 1.6% from December to January.
- In January residents from Strafford County were admitted most often for opioid/opiate treatment per capita with 2.63 admissions per 10,000 population.
- Based on absolute numbers Hillsborough County had the most opioid/opiate treatment admissions with 67 admissions in January.
- More males than females were admitted to treatment programs in January for opioid/opiate use.

*** IMPORTANT DATA NOTES***
- County represents where the patient resides.
- These data represent treatment admissions to state funded facilities.

January Opioid/Opiate Admission by Gender

Source: NH Bureau of Drug & Alcohol

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

Source: NH Bureau of Drug & Alcohol Services

Double click on the paperclip to view additional data.
Opioid/Opiate Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services

Heroin/Fentanyl & Rx Opiate Treatment Admissions by Month per 100,000 Population

February 2016 - January 2017

Source: NH Bureau of Drug & Alcohol Services

Heroin/Fentanyl
Rx Opiates

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

Source: NH Bureau of Drug & Alcohol Services
Ems Narcan Administration

State Rate per 10,000 people = 14

- Narcan data in this report involves the number of incidents where Narcan was administered. NOT the number of doses of Narcan during a certain 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. Therefore cannot be concluded that all of the reported Narcan cases involved drugs.

Number of crimes

Crime Rate per 10,000 people

- Crime data in this report involves the total number of crimes, regardless of severity.
- Not all agencies are reported.

People in Poverty

Poverty Rate per 10,000 people

The source of the poverty data in this report is the United States Census Bureau.
- Small Area Income and Poverty (SAIPE) report.
- The primary goal of the SAIPE program is to provide estimates of income and poverty for administration of federal programs and the allocation of federal funds to local jurisdictions.
- The people in poverty estimates are derived from administrative records, postcensal population estimates, and the decennial census with direct estimates from the American Community Survey.

Population data source: https://www.census.gov/programs-surveys/american-commUNITY-survey.html

The EMS Narcan Administration Rate, Crime Rate, and Poverty Rate were calculated based on the NH Office of Energy and Planning 2014 population estimates by County. The most recent, comprehensive data for all factors is 2014.

UNCLASSIFIED

NEW HAMPSHIRE SAFE STATIONS


<table>
<thead>
<tr>
<th>As of:</th>
<th>Manchester</th>
<th>Nashua</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/3/2017</td>
<td>1166</td>
<td>144</td>
</tr>
<tr>
<td>2/15/2017</td>
<td>109</td>
<td>18</td>
</tr>
<tr>
<td>Number of requests at MFD/NFR for Safe Station:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of participants transported to Hospitals:</td>
<td>347</td>
<td>N/A</td>
</tr>
<tr>
<td>Number of participants taken to HOPE in NH:</td>
<td>706</td>
<td>N/A</td>
</tr>
<tr>
<td>Number of participants taken to Serenity Place:</td>
<td>N/A</td>
<td>212</td>
</tr>
<tr>
<td>Number of participants taken to PSL facilities:</td>
<td>---</td>
<td>26</td>
</tr>
<tr>
<td>Number of participants seen for ODs prior to seeking SS Help:</td>
<td>14 min</td>
<td>11:13 min</td>
</tr>
<tr>
<td>Average Length of Time MFD/NRF Company “Not Available”:</td>
<td>877</td>
<td>121</td>
</tr>
<tr>
<td>Number of UNIQUE participants:</td>
<td>169</td>
<td>22</td>
</tr>
<tr>
<td>Number of REPEAT participants:</td>
<td>18-70</td>
<td>18-61</td>
</tr>
<tr>
<td>Age Range of Participants:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Situational Awareness:

Nashua Police Say 6 Arrested on Drug Charges as Part of Granite Hammer

According to the Union Leader, Nashua police said they arrested six people on drug crimes last week as part of Operation Granite Hammer. Omar Rodriguez, 19, was arrested for sale of heroin and sale of crack cocaine. Jessica Preston, 39, was arrested for possession of Suboxone. Brian Poulin, 38, was arrested for possession of cocaine. Eric Perry, 21, was arrested for possession of Suboxone. Bruce Lee, 34, was arrested for sale of Oxycodone. Michael Alonzo, 29, was arrested for sale of heroin.

www.unionleader.com 2/20/2017

Report Says Manchester Making Progress in Combating the Opioid Crisis

According to NHPR, a 24-page report released this week, Manchester seems to have made a dent in the opioid crisis. Nearly 4,000 grams of drugs were seized in the city, thousands of people accessed treatment and 63 more residential beds were added. The City’s public health director Tim Soucy says this shows Manchester is heading in the right direction. “A lot has gone on in Manchester—a lot of people are working together both within and outside the city. We all recognize that this has reached crisis proportions and everyone has come out of their silos and said what can we do to pitch in and make it better, “ Soucy said. But Soucy stresses more needs to be done such as providing more supportive and sober housing, adding treatment for youth and building extra space for some of the already existing treatment facilities.

Source: www.nhpr.org
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

CANNAN
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.