**Drug Environment Report—UNCLASSIFIED**

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Previous versions of the Drug Environment Report can be found at: [https://www.dhhs.nh.gov/dcbc/bdas/data.htm](https://www.dhhs.nh.gov/dcbc/bdas/data.htm)

⇒ Year/month overview charts are based on annual estimates from the above website. County charts are based on a 2016 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
January 2017 - December 2017

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

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

* 2017 Numbers are based on analysis as of 23 January 2018 - 91 Cases Pending
Drug Overdose Deaths:
Data Source: NH Medical Examiner’s Office

Trends:
- At this time, drug overdose deaths are projected to stay the same from 2016 to 2017.
- In 2017 thus far, Hillsborough County has the highest suspected drug use resulting in overdose deaths per capita at 3.91 deaths per 10,000 population.
- Strafford County had the next highest suspected drug use resulting in overdose deaths per capita at 3.43 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, there have been 12 deaths related to the use of carfentanil in 2017.

*** IMPORTANT DATA NOTES***
- 2017 Numbers are based on analysis as of 23 January, 2018.
- There are currently 91 cases “pending toxicology” for 2017.
- Analysis is based on county where the drug (s) is suspected to have been used.
Drug Overdose Deaths (Continued):

**Fentanyl Combinations (Top 10)**

- Fentanyl: 166
- Acetyl Fentanyl; Fentanyl: 28
- Ethanol; Fentanyl: 14
- Cocaine; Fentanyl: 12
- Fentanyl; Heroin: 11
- Carfentanil; Fentanyl: 5
- Fentanyl; Methamphetamine: 4
- Acetyl Fentanyl; Ethanol; Fentanyl: 3
- Acetyl Fentanyl: 2
- Acetyl Fentanyl; Cocaine; Fentanyl; Heroin: 2

**Cocaine Combinations (Top 10)**

- Cocaine; Fentanyl: 12
- Cocaine: 7
- Acetyl Fentanyl; Cocaine; Fentanyl; Heroin: 2
- Clonazepam; Cocaine; Fentanyl: 2
- Cocaine; Ethanol; Fentanyl: 2
- Cocaine; Fentanyl: 2
- Acetyl Fentanyl; Cocaine; Fentanyl: 1
- Acetyl Fentanyl; Cocaine; Fentanyl; Morphine: 1
- Alprazolam; Cocaine; Ethanol: 1
- Buprenorphine; Cocaine; Fentanyl: 1
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 January 23, 2018
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.
90 cases pending

INDEX

Belknap
1. Center Harbor
2. Hines Location
3. Berts Location

Carroll
4. Hadley Purchase
5. Bay Grant
6. Cutts Grant
7. Simonds Purchase
8. Pappano Grant
9. Chesterfield Purchase

Coos
10. Chandler Purchase
11. Low & Burtins Grant
12. Thompson & Meuse Grant Purchase
13. Greens Grant
14. Marine Location
15. Enzinger Grant
16. Wentworth Location
17. Ashland & Gimleton Academy Grant

Number of Overdose Deaths by Town
*Location where the drug(s) is suspected to have been used.

Scale: 1:1,150,000

Prepared by:
NH Information & Analysis Center
Trends:
- EMS Narcan administration incidents decreased by 10% from November to December.
- In December Belknap County had the most EMS Narcan administration incidents per capita with 1.97 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 66 incidents in December.
- The age group with the largest number of EMS Narcan administration incidents is 20-29 which represents 34% of all EMS Narcan administration incidents for December.
- NH Bureau of EMS Percentage of “lives saved” increased by 0.5% from November to December.

*** 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

2017

RODS Outcome

<table>
<thead>
<tr>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
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</tbody>
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No Improvement

RODS Score of 0

| 61  | 76  | 74  | 71  | 84  | 91  | 76  | 71  | 108 | 83  | 71  | 58  |

Some Improvement

RODS Score 1-7

| 30  | 20  | 23  | 23  | 26  | 33  | 22  | 28  | 26  | 21  | 17  | 17  |

Negative Improvement

Negative RODS Score

| 11  | 17  | 11  | 11  | 17  | 23  | 20  | 18  | 18  | 18  | 11  | 12  |

Lives Saved

RODS Score of 8+

| 100 | 93  | 88  | 127 | 86  | 134 | 158 | 109 | 140 | 127 | 113 | 102 |

Total

| 202 | 206 | 196 | 232 | 213 | 281 | 276 | 226 | 292 | 249 | 212 | 189 |

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 County per 10,000 Population

Source: NH Bureau of EMS
EMS/Narcan Administration by Town
1/1/2017 – 12/31/2017
Data Source: New Hampshire Bureau of EMS
Opioid Related Emergency Department Visits:
Data Source: NH Division of Public Health Services

Trends:
- Opioid related ED visits decreased by 14% from November to December 2017.
- In December residents from Strafford County had the most opioid related ED visits per capita with 5.96 visits per 10,000 population.
- Hillsborough County residents had the second highest number of opioid related ED visits per capita with 4.49 visits per 10,000 population.
- The age groups with the largest number of opioid related ED visits for December were 20-29 and 30-39 with 37% and 36% respectively.

*** 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.
- These data include other opioid-related encounters such as poisonings, withdrawals, and detox.

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
January 2017 - December 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
Trends:
- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions decreased by 29% from November to December.
- In December residents from Belknap County were admitted most often for opioid/opiate treatment per capita with 2.14 admissions per 10,000 population.
- More males than females were admitted to treatment programs in December for opioid/opiate, Methamphetamine, & Cocaine/ Crack use.
- Methamphetamine treatment admissions increased by 3% from November to December.
- Cocaine/Crack treatment admissions decreased by 32% from November to December.
- Heroin/Fentanyl treatment admissions decreased by 35% from November to December.

*** 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

**January 2017 - December 2017**

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

Source: NH Bureau of Drug & Alcohol Services

### Heroin/Fentanyl Treatment Admissions by Month per 100,000 Population

- **Jan**: 1.97
- **Feb**: 2.14
- **Mar**: 1.15
- **Apr**: 1.04
- **May**: 0.65
- **Jun**: 0.52
- **Jul**: 0.30
- **Aug**: 0.90
- **Sep**: 0.67
- **Oct**: 2.00
- **Nov**: 1.63
- **Dec**: 1.35

### Opioid/Opiate Treatment Admissions by County

- **Belknap**: 1.97
- **Carroll**: 2.14
- **Cheshire**: 1.15
- **Coos**: 1.04
- **Grafton**: 0.65
- **Hillsborough**: 0.52
- **Merrimack**: 0.30
- **Rockingham**: 0.90
- **Strafford**: 0.67
- **Sullivan**: 2.00

Source: NH Bureau of Drug & Alcohol Services

**Note**: The data provided is an excerpt from the NH Drug Monitoring Initiative Drug Environment Report—UNCLASSIFIED.
New Hampshire 2016 Comparison by County

EMS Narcan Administration
Narcan Rate per 10,000 people
- State Rate per 10,000 people = 21
  - 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 administered Narcan cases involved drugs.

Number of crimes
Crime Rate per 10,000 people
- State Rate per 10,000 people = 492
  - 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
- State Rate per 10,000 people = 732
  - 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.

Source: https://cleveland-data.hrsa.gov/public/Preserve/Service.aspx

Maps symbolized based on Natural Breaks (Jenks) - 5 classes

The EMS Narcan Administration Rate, Crime Rate, and Poverty Rate were calculated based on the NH Office of Strategic Initiatives 2016 population estimates by County. The most recent, comprehensive data for all factors is 2016.


Prepared by: NH Information & Analysis Center.
**Situational Awareness:**

**Trump Signs Bill Into Law Co-sponsored by New Hampshire Senators**

President Trump signed the Interdict Act into law. The Bill, sponsored by NH senators and introduced by a bipartisan group of lawmakers will put more high-tech tolls at borders, port of entry, even mail facilities to detect fentanyl and other illegal synthetic opioids. It also authorizes more forensic work. Senator Jeanne Shaheen stated that, “this will provide up to date equipment that can be used all along the border as their efforts to smuggle that drug into the United States”.

While the funding from this opioid fighting act still needs to be appropriated, New Hampshire’s senators are also proposing an additional $25 billion to address the opioid epidemic as part of the budget agreement being negotiated by congress.

The New Hampshire senators are also pushing for legislation that would prioritize funding for states hit hardest by the opioid crisis, like New Hampshire.

Source: [www.wmur.com](http://www.wmur.com) 1/10/2018

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**NEW HAMPSHIRE SAFE STATIONS**

Manchester Safe Station Began 5/4/2016

Nashua Safe Station Began 11/17/2016

### Number of requests at MFD/NFR for Safe Station:

<table>
<thead>
<tr>
<th>December</th>
<th>Total</th>
<th>December</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>117</td>
<td>2842</td>
<td>106</td>
<td>1318</td>
</tr>
</tbody>
</table>

### Number of participants transported to hospitals:

<table>
<thead>
<tr>
<th>Manchester As of 1/3/2018</th>
<th>Nashua As of 1/3/2018</th>
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</thead>
<tbody>
<tr>
<td>610</td>
<td>131</td>
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</table>

### Number of participants taken to Substance Misuse Treatment Facilities:

<table>
<thead>
<tr>
<th>Manchester As of 1/3/2018</th>
<th>Nashua As of 1/3/2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>2220</td>
<td>1166</td>
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</table>

### Average length of time company “Not Available”:

<table>
<thead>
<tr>
<th>Manchester As of 1/3/2018</th>
<th>Nashua As of 1/3/2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 Min</td>
<td>11 Min</td>
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### Number of UNIQUE participants:

<table>
<thead>
<tr>
<th>Manchester As of 1/3/2018</th>
<th>Nashua As of 1/3/2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>51</td>
<td>1660</td>
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### Number of REPEAT participants:

<table>
<thead>
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<th>Manchester As of 1/3/2018</th>
<th>Nashua As of 1/3/2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>66</td>
<td>522</td>
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### Age range of participants:

<table>
<thead>
<tr>
<th>Manchester As of 1/3/2018</th>
<th>Nashua As of 1/3/2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>16-70</td>
<td>15-70</td>
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</tbody>
</table>
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

**CANAAN**
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
(Outpatient 18 years and older and Outpatient Services.)
555 Auburn Street
Manchester, NH 03101
Phone: 603-263-6287

**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

**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

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

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

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

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.