**New Hampshire Drug Monitoring Initiative**

New Hampshire Information & Analysis Center

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NHIAC Product #: 2020-4127  
February/March 2020 Report  
27 April 2020

**Purpose:** The NH Drug Monitoring Initiative (DMI) is a holistic strategy to provide awareness and combat drug distribution and misuse. 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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## Drug Environment Report—UNCLASSIFIED

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

The monthly online DMI viewer can be found at: [https://nhvieww.nh.gov/IAC/DMI/](https://nhvieww.nh.gov/IAC/DMI/)

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⇒ Year/month overview charts are based on annual estimates from the above website. County charts are based on a 2018 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 Narcan, ED Visits, Treatment Admissions, and Overdose Deaths:

EMS Narcan Administration, Opioid Related ED Visits, and Treatment Admissions per 100,000 Population
April 2019-March 2020

<table>
<thead>
<tr>
<th>Month</th>
<th>EMS Narcan</th>
<th>Opioid Related ED Visits</th>
<th>Opioid/Opiate, Methamphetamine, &amp; Cocaine/Crack Treatment Admissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>April</td>
<td>20.00</td>
<td>25.00</td>
<td>33.00</td>
</tr>
<tr>
<td>May</td>
<td>22.50</td>
<td>23.00</td>
<td>32.00</td>
</tr>
<tr>
<td>June</td>
<td>21.50</td>
<td>22.00</td>
<td>31.00</td>
</tr>
<tr>
<td>July</td>
<td>20.50</td>
<td>21.00</td>
<td>30.00</td>
</tr>
<tr>
<td>August</td>
<td>19.50</td>
<td>20.00</td>
<td>29.00</td>
</tr>
<tr>
<td>September</td>
<td>18.50</td>
<td>19.00</td>
<td>28.00</td>
</tr>
<tr>
<td>October</td>
<td>17.50</td>
<td>18.00</td>
<td>27.00</td>
</tr>
<tr>
<td>November</td>
<td>16.50</td>
<td>17.00</td>
<td>26.00</td>
</tr>
<tr>
<td>December</td>
<td>15.50</td>
<td>16.00</td>
<td>25.00</td>
</tr>
<tr>
<td>January</td>
<td>14.50</td>
<td>15.00</td>
<td>24.00</td>
</tr>
<tr>
<td>February</td>
<td>13.50</td>
<td>14.00</td>
<td>23.00</td>
</tr>
<tr>
<td>March</td>
<td>12.50</td>
<td>13.00</td>
<td>22.00</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Year</th>
<th># of Drug Deaths per 100,000 population</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>13.45</td>
</tr>
<tr>
<td>2011</td>
<td>15.25</td>
</tr>
<tr>
<td>2012</td>
<td>12.34</td>
</tr>
<tr>
<td>2013</td>
<td>14.51</td>
</tr>
<tr>
<td>2014</td>
<td>25.03</td>
</tr>
<tr>
<td>2015</td>
<td>33.00</td>
</tr>
<tr>
<td>2016</td>
<td>36.34</td>
</tr>
<tr>
<td>2017</td>
<td>36.35</td>
</tr>
<tr>
<td>2018</td>
<td>34.73</td>
</tr>
<tr>
<td>2019*</td>
<td>30.61</td>
</tr>
</tbody>
</table>

2019 numbers are not finalized, and are based on analysis as of 10 April 2020

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Trends:
- As of 10 April there were 406 total, confirmed drug overdose deaths, and there are 5 cases pending toxicology, for 2019.
- Thus far for 2019, Strafford County continues to have the highest suspected drug use resulting in overdose deaths per capita, at 4.38 deaths per 10,000 population.
- The age group with the largest number of drug overdose deaths is 30-39 years, which represents 32% of all overdose deaths for 2019.
- As of 10 April there are 41 confirmed drug overdose deaths and 78 cases pending toxicology for 2020.

*** IMPORTANT DATA NOTES ***
- Analysis is based on county where the drug(s) is suspected to have been used.
- 2019 numbers are not finalized and are based on analysis as of 10 April 2020.
Drug Overdose Deaths (Continued):

**Cocaine and/or Fentanyl Combination Related Drug Deaths 2019**

*2019 numbers are not finalized, and are based on analysis as of 08 April 2020
Source: NH Medical Examiner’s Office*

**NH Drug Monitoring Initiative**

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

- Acetyl Fentanyl, Cocaine, Fentanyl, Methamphetamine
- Acetyl Fentanyl, Alprazolam, Cocaine, Clonazepam, Diphenhydramine, Fentanyl
- Acetyl Fentanyl, Diazepam, Ethanol, Fentanyl, Heroin, Oxycodone
- Acetyl Fentanyl, Diazepam, Fentanyl, Morphine
- Alprazolam, Amphetamines, Fentanyl
- Buprenorphine, Fentanyl
- Cocaine, Fentanyl, Mirtazapine
- Cyclobenzaprine, Diazepam, Ethanol, Fentanyl
- Fentanyl, Gabapentin
- Cocaine, Diazepam, Fentanyl
- Acetyl Fentanyl, Alprazolam, Ethanol, Methamphetamine
- Acetyl Fentanyl, Cocaine, Ethanol, Fentanyl, Oxycodone
- Alprazolam, Amphetamines, Fentanyl, Methamphetamine
- Carfentanil, Ethanol, Fentanyl, Gabapentin, Methadone
- Cocaine, Fentanyl, Meprobamate
- Cyclobenzaprine, Fentanyl, Gabapentin, Oxymorphone, Phenytoin, Sertraline
- Fentanyl, Methadone, Zolpidem
- Diazepam, Fentanyl, Methamphetamine
- Acetyl Fentanyl, Alcohol, Cocaine, Fentanyl
- Acetyl Fentanyl, Clonazepam, Fentanyl, Hydromorphone, Mirtazapine, Norbuprenorphine, Risperidone, Tramadol
- Alprazolam, Diphenhydramine, Fentanyl
- Chlorpheniramine, Cocaine, Dextro/levomethorphan, Ethanol, Fentanyl, Methadone, Pseudoe reimheridine, Tramadol
- Cocaine, Fentanyl, Heroin
- Cyclobenzaprine, Fentanyl, Gabapentin, Tramadol
- Fentanyl, Methadone, Oxycodone
- Ethanol, Fentanyl, Methamphetamine
- 4-ANPP, Fentanyl, Tramozide
- Acetyl Fentanyl, Clonazepam, Fentanyl, Oxycodone
- Alprazolam, Fentanyl
- Citalopram/esclitalopram, Clonazepam, Cocaine, Ethanol, Fentanyl
- Cocaine, Fentanyl, Gabapentin
- Dextro/levomethorphan, Fentanyl, Methadone
- Fentanyl, Methadone, Venlafaxine
- ETOH, Fentanyl
- 4-ANPP, Fentanyl, Metacialone, Methamphetamine
- Acetyl Fentanyl, Amphetamines, Cocaine, Fentanyl
- Acetyl Fentanyl, Valeral, Fentanyl
- Amphetamines, Cocaine, Fentanyl, Codeine, Fentanyl, Morphine
- Cocaine, Ethanol, Fentanyl, Methamphetamine
- Diazepam, Ethanol, Fentanyl
- Fentanyl, Oxycodone
- 4-ANPP, Acetyl Fentanyl, Fentanyl, Valeral Fentanyl
- Acetyl Fentanyl, Alprazolam, Gabapentin, Topiramate, Tramadone
- Alcohol, Diphenhydramine, Fentanyl
- Amphetamines, Diphenhydramine, Fentanyl, Fluoxetine, Gabapentin, Lorazadine, Tramadone
- Clonazepam, Cocaine, Fentanyl
- Clonazepam, Fentanyl, Gabapentin, Oxycodone, Venlafaxine, Zolpidem
- Cocaine, Ethanol
- 4-ANPP, Acetyl Fentanyl, Ethanol, Fentanyl
- Acetyl Fentanyl, Alprazolam, Fentanyl, Oxycodone
- Alprazolam, Amphetamines, Fentanyl
- Amphetamines, Ethanol, Fentanyl, Gabapentin, Morphine
- Clonazepam, Diazepam, Ethanol
- Clonazepam, Ethanol, Fentanyl, Gabapentin, Methadione
- Clonazepam, Fentanyl, Morphine

*Cells filled with gray indicate combinations noted twice*
Overdose Deaths by Town* - 2019 *
(Data Source: NH Medical Examiner's Office)
*Location where the drug(s) is suspected to have been used.

+2019 data was reported on April 8, 2020
There are more deaths that are suspected to be drug related, but the official cause of death is pending until the toxicology results are received.

5 CASES PENDING
14 Cases have an unknown location

INDEX
Belknap
1 - Center Harbor
2 - Hales Location
3 - Hams Location
4 - Hadley's Purchase
5 - Roche Grant
6 - Canton Grant
7 - Sergeant Purchase
8 - Thompson & Mervine's Purchase
9 - Crawford Purchase
10 - Chisholm Purchase
11 - Low & Burbank's Grant
12 - Thompson & Mervine's Purchase
13 - Green Grant
14 - Martin Location
15 - Erving Grant
16 - Wentworth Location
17 - Atkinson & Gilmanton Academy Grant

Hillsborough
18 - Barnstead
19 - New Hampton
20 - Seabrook
21 - East Kingston
22 - Kingston
23 - Hampton Falls
24 - Hampton
25 - North Hampton
26 - New London
27 - Portsmouth
28 - New Castle
29 - Wilmott
30 - Rollinsford
31 - Somersworth

<image of a map of New Hampshire with towns marked and a scale with north, south, east, and west directions labeled>
EMS Narcan Administration:
Data Source: NH Bureau of Emergency Medical Services (EMS)

**Trends:**
- EMS Narcan administration incidents decreased by 28% from January to February and increased 32% from February to March.
- In February, Strafford County had the most EMS Narcan administration incidents per capita with 1.72 incidents per 10,000 population. In March, Coos and Belknap counties were the highest, with 1.49 and 1.46 incidents per 10,000 population respectively.
- The age group with the largest number of EMS Narcan administration incidents was 30-39, representing 26% of all EMS Narcan administrations for February and March.

***IMPORTANT DATA NOTES***
- **UPDATE: TEMSIS, New Hampshire’s Trauma and EMS Information System, has been updated and now reflects current data.**
- 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 may be given for a decrease in alertness or respirations due to an overdose or unknown cause. Therefore, it cannot be concluded that all reported Narcan incidents actually involved drugs.
- All reported Narcan incidents actually involved drugs.
EMS Narcan Administration (Continued):

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

EMS Narcan Administration by County per 10,000 Population

Source: NH Bureau of EMS

EMS Narcan Administration - Lives Saved

Source: NH Bureau of EMS

EMS Narcan Administration - Lives Saved by County per 10,000 Population

Source: NH Bureau of 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.
EMSS/Nalcan Administration by Town
4/1/2019 – 3/31/2020
Data Source: New Hampshire Bureau of EMS

*Incidents Where Nalcan Was Administered*

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

Scale: 1:1,150,000
Opioid Related Emergency Department Visits:
Data Source: NH Division of Public Health Services

**Important Note**: the data being reported for 2020 has different collection criteria than previous months. Due to the new collection criteria, new data is no longer comparable to previous data.

**Trends:**
- Opioid related ED visits decreased by 25% from January to February and increased 31% from February to March.
- In February and March, residents from Strafford County had the most opioid related ED visits per capita with 3.60 and 2.50 visits per 10,000 population.
- In March, Coos County residents had the second highest number of opioid related ED visits per capita with 3.57 visits per 10,000 population.
- In February and March, the age group with the largest number of opioid related ED visits was 30-39 year olds, with 24%.

*** 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 one (1) of the hospitals are sending ICD-10 data.
- These data include other opioid-related encounters such as poisonings, withdrawals, and detox.
- These data are now collected using criteria the CDC established for their Overdose Data to Action (OD2A) grant “making this report more..."
Opioid Related Emergency Department Visits (Continued):

Data Source: NH Division of Public Health Services

Emergency Department Opioid Use Visits per 100,000 Population
January 2020 - March 2020

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
Treatment Admissions:
Data Source: NH Bureau of Drug & Alcohol Services

Trends:
- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions decreased from January to February by 18% and 15% from February to March.
- In February and March, residents from Hillsborough County were admitted at the highest combined per capita rate for opioid/opiate treatment, with 3.01 admissions per 10,000 population.
- More males than females were admitted to treatment programs in February and March for Opioid/Opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions decreased 21% from January to February and decreased 12% from February to March.
- Cocaine/Crack treatment admissions decreased 9% from January to February and decreased 19% from February to March.
- Heroin/Fentanyl treatment admissions decreased by 18% from January to February and decreased 15% from February to March.

*** IMPORTANT DATA NOTES***
- County represents where the patient resides.
- These data represent treatment admissions to state funded facilities.
- These data have decreased due to numerous factors. The Affordable Care Act has been fully implemented, resulting in increased access to affordable health insurance and coverage for substance use disorder treatment in NH. New Hampshire expanded its Medicaid program, which also provided increased opportunities for substance use disorder treatment in the state. Substance use disorder treatment in the state has increased sharply in response to these policies which has shifted clients served by State of New Hampshire contracted treatment providers to other payment models and facilities.

[Graph showing trends in opioid/opiate, methamphetamine, and cocaine/crack admissions by month per 100,000 population from April 2019 to March 2020]

[Graph showing February & March treatment admissions by gender and county per 10,000 population]

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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
April 2019-March 2020

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

Source: NH Bureau of Drug & Alcohol Services
Situational Awareness:

**Per AMR, Safe Station data has not been updated.**

Drops in Overdose Cases, Deaths for NH’s Largest Cities Has Officials Concerned

MANCHESTER, N.H. —
Reported overdoses and overdose deaths have dropped dramatically in southern New Hampshire. Since March, ambulances have responded to the lowest number of overdose cases since 2015. According to American Medical Response, its crews responded to less than half the overdose cases (29) than from one year ago (59). The new data has first responders are concerned.

"Addiction doesn't go away overnight, so there are still people out there who unfortunately are addicted, but for whatever reason, we're not seeing the number of overdoses that we'd normally see," Chris Stawasz, regional director of American Medical Response in New Hampshire, said.

Over the last 365 days, overdose cases were down 29% in Manchester, while overdose deaths were down 11%. In Nashua, overdose cases were 14% lower and overdose deaths were down 16%. "We’ve seen peaks and valleys, if you will, over the course of this epidemic over time, but certainly nothing this drastic," Stawasz said.

One fear of first responders is that people who do need help are not seeking it because of fear that they could be exposed to COVID-19. "We’re doing everything that we can to make sure that when people come into a firehouse or ambulance or any of the addiction centers, that they’re safe and that we’re following all of the PPE guidelines," Stawasz said.

Source: [www.wmur.com](http://www.wmur.com) 04/09/2020

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**NEW HAMPSHIRE SAFE STATIONS**

Manchester Safe Station Began 5/4/2016
Nashua Gateway to Recovery Began 11/17/2016

<table>
<thead>
<tr>
<th></th>
<th>Manchester</th>
<th>Nashua</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>As of 01/23/2020</td>
<td>As of 02/14/2020</td>
</tr>
<tr>
<td>Number of requests at MFD/NFR for Safe Station:</td>
<td>Q1 2020</td>
<td>Total</td>
</tr>
<tr>
<td></td>
<td>83</td>
<td>6,585</td>
</tr>
<tr>
<td>Number of participants transported to hospitals:</td>
<td>10</td>
<td>1,460</td>
</tr>
<tr>
<td>Number of participants taken to Substance Misuse Treatment Facilities:</td>
<td>73</td>
<td>5,067</td>
</tr>
<tr>
<td>Average length of time company “Not Available”:</td>
<td>11.0 Min</td>
<td>14.0 Min</td>
</tr>
<tr>
<td>Number of UNIQUE participants:</td>
<td>68</td>
<td>3,791</td>
</tr>
<tr>
<td>Number of REPEAT participants:</td>
<td>55</td>
<td>3,181</td>
</tr>
<tr>
<td>Number of unique participants seen in both City’s Safe Station Program</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NH to Receive $28.1 Million in Federal Funds to Fight Opioid, Meth, Cocaine Crisis in 2020**

MANCHESTER, N.H. —
New Hampshire will receive $28.1 million in federal funding in 2020 to continue its efforts to combat the substance abuse crisis, Sens. Jeanne Shaheen and Maggie Hassan announced Friday. The funding will come in the form of State Opioid Response grants administered by the U.S. Substance Abuse and Mental Health Services Administration, known as SAMHSA.

Shaheen’s office said the state has now received about $92 million in federal funding to fight the crisis since 2016. Last year, the state received $34.9 million in federal grants; the drop this year was attributed by Shaheen’s office to a slight drop in the number of drug overdose deaths in the state between 2017 and 2018. According to the formula used by the U.S. Centers for Disease Control to determine grant levels, New Hampshire had 35.8 drug overdose deaths per 100,000 residents in 2018, as compared to 37 deaths per 100,000 in 2017.

Source: [www.unionleader.com](http://www.unionleader.com) 03/14/2020

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### Substance Use Disorder Treatment/Recovery Directory:

State funded treatment facilities in NH (NOT a complete list) - Data Source: NH Department of Health and Human Services

<table>
<thead>
<tr>
<th>Location</th>
<th>Facility Name</th>
<th>Address</th>
<th>Phone Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>BETHLEHAM</td>
<td>North Country Health Consortium (NCHC)/ Friendship House</td>
<td>262 Cottage Street. Suite 230, Bethlehem, NH</td>
<td>603-259-3700</td>
</tr>
<tr>
<td>DOVER</td>
<td>Southeastern NH Alcohol and Drug Abuse Services</td>
<td>272 County Farm Road, Dover, NH</td>
<td>603-516-8181, 603-516-8160</td>
</tr>
<tr>
<td>DUBLIN</td>
<td>Phoenix House Comprehensive Addiction Treatment Services</td>
<td>3 Pierce Rd. Dublin, NH</td>
<td>603-563-8501, Option 1</td>
</tr>
<tr>
<td>FRANKLIN</td>
<td>Farnum Center North (Women)</td>
<td>14 Holy Cross Road. Franklin, NH</td>
<td>603-263-6287</td>
</tr>
<tr>
<td>KEENE</td>
<td>Phoenix House Comprehensive Addiction Treatment Services</td>
<td>106 Roxbury Street, Keene, NH</td>
<td>603-358-4041, Option 1</td>
</tr>
<tr>
<td>LEBANON</td>
<td>Headrest</td>
<td>14 Church Street, Lebanon, NH</td>
<td>603-448-4400</td>
</tr>
<tr>
<td></td>
<td>Alice Peck Day Hospital</td>
<td>10 Alice Peck Day Drive, Lebanon, NH</td>
<td>603-448-4400</td>
</tr>
<tr>
<td></td>
<td>West Central Services, Inc.</td>
<td>9 Hanover Street, Suite 2, Lebanon, NH</td>
<td>603-448-0126</td>
</tr>
<tr>
<td>MANCHESTER</td>
<td>Dismas Home of NH, Inc. (Women)</td>
<td>102 Fourth Street, Manchester, NH</td>
<td>603-782-3004</td>
</tr>
<tr>
<td></td>
<td>Families in Transition - New Horizons</td>
<td>293 Wilson Street, Manchester, NH</td>
<td>603-641-9441 ext. 401</td>
</tr>
<tr>
<td></td>
<td>Farnum Center</td>
<td>140 Queen City Avenue, Manchester, NH</td>
<td>603-622-3020</td>
</tr>
<tr>
<td></td>
<td>Greater Nashua Mental Health Center</td>
<td>110 West Pearl Street, Nashua, NH</td>
<td>603-889-6147</td>
</tr>
<tr>
<td></td>
<td>Greater Nashua Council on Alcoholism</td>
<td>12 &amp; 1/2 Amherst Street, Nashua, NH</td>
<td>603-943-7971 Ext. 3</td>
</tr>
<tr>
<td></td>
<td>Greater Nashua Council on Alcoholism: Keystone Hall</td>
<td>615 Amherst Street, Nashua, NH</td>
<td>603-881-4848</td>
</tr>
</tbody>
</table>

A full list of Substance Use Disorder Treatment Facilities can be found [here](#).

A treatment locator can be found [here](#).