



# New Hampshire Drug Monitoring Initiative

## New Hampshire Information & Analysis Center

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NHIAC Product #: 2018-3336

**March 2018 Report**

1 May 2018

**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.

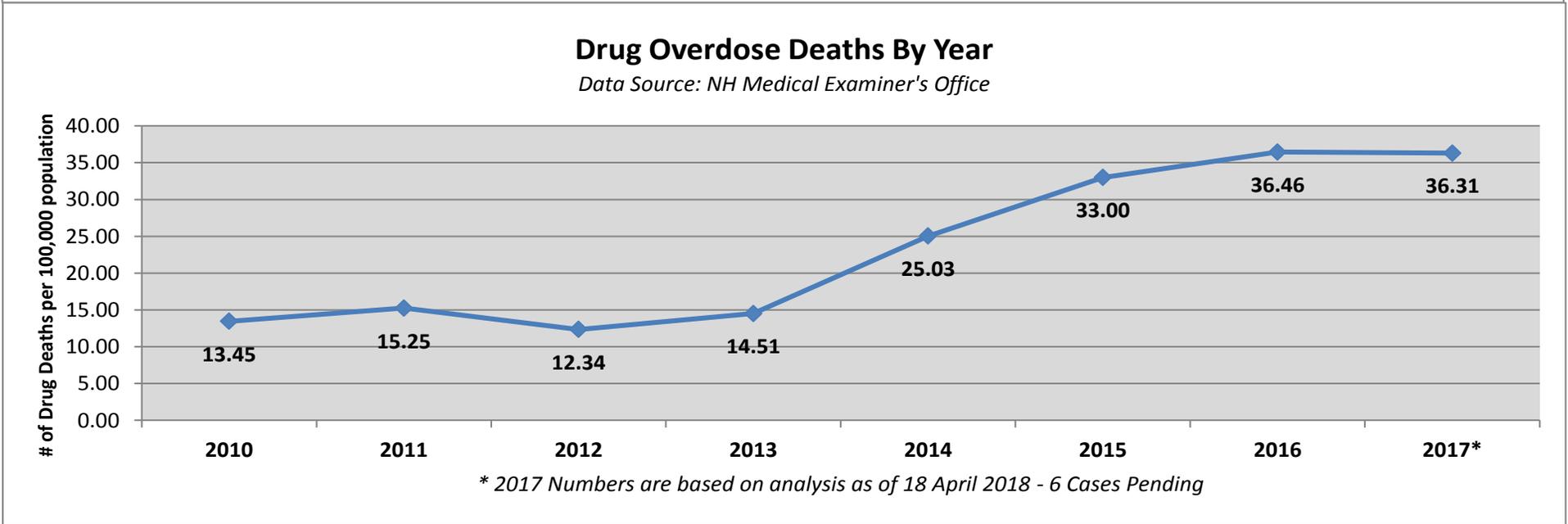
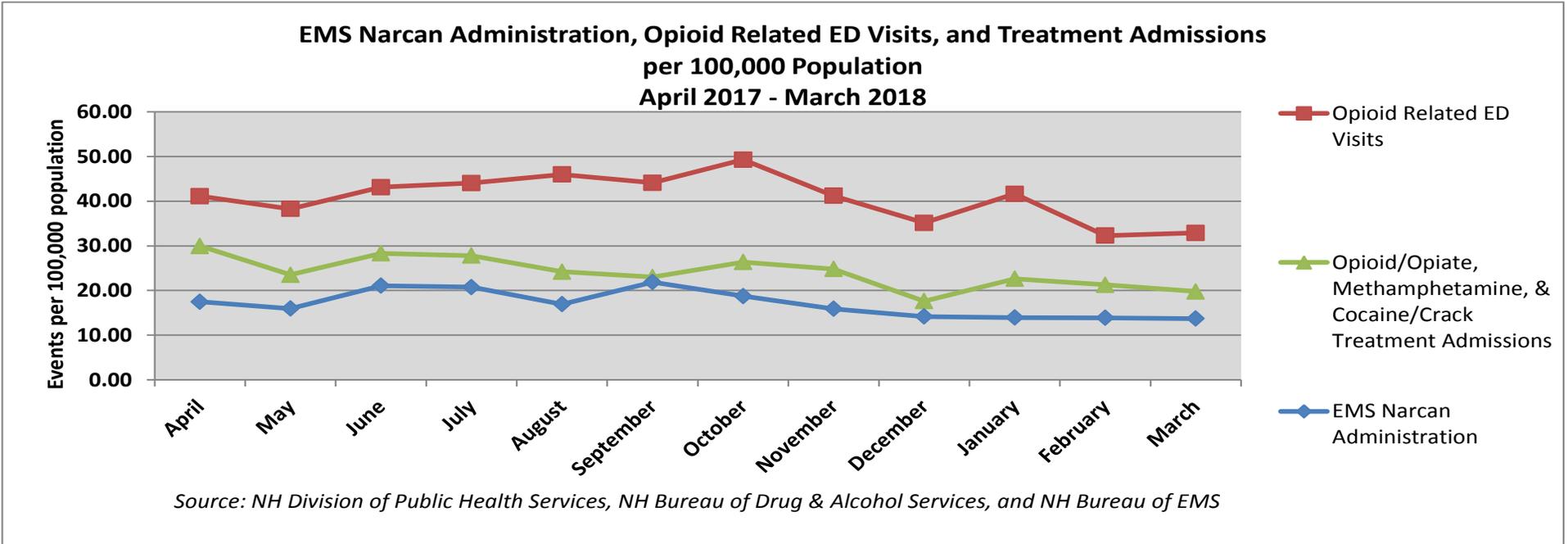
## Drug Environment Report—UNCLASSIFIED

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Previous versions of the Drug Environment Report can be found at: <https://www.dhhs.nh.gov/dcbcs/bdas/data.htm>

- ⇒ Population data source: <http://www.nh.gov/oep/data-center/population-estimates.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 Narcan, ED Visits, Treatment Admissions, and Overdose Deaths:**



**Drug Overdose Deaths:**

Data Source: NH Medical Examiner's Office

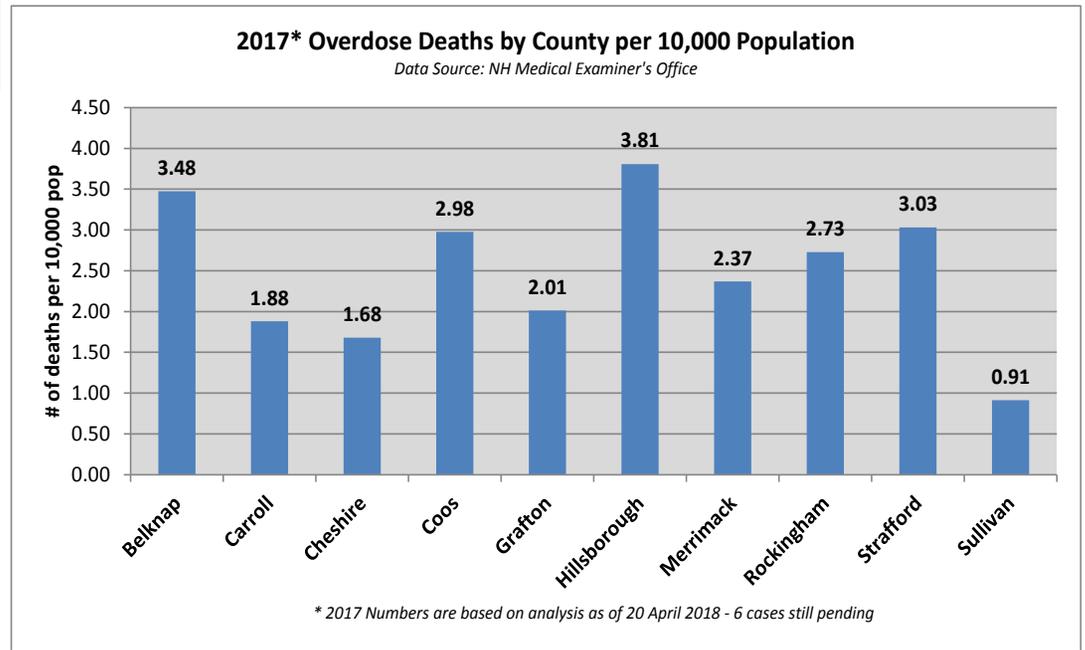
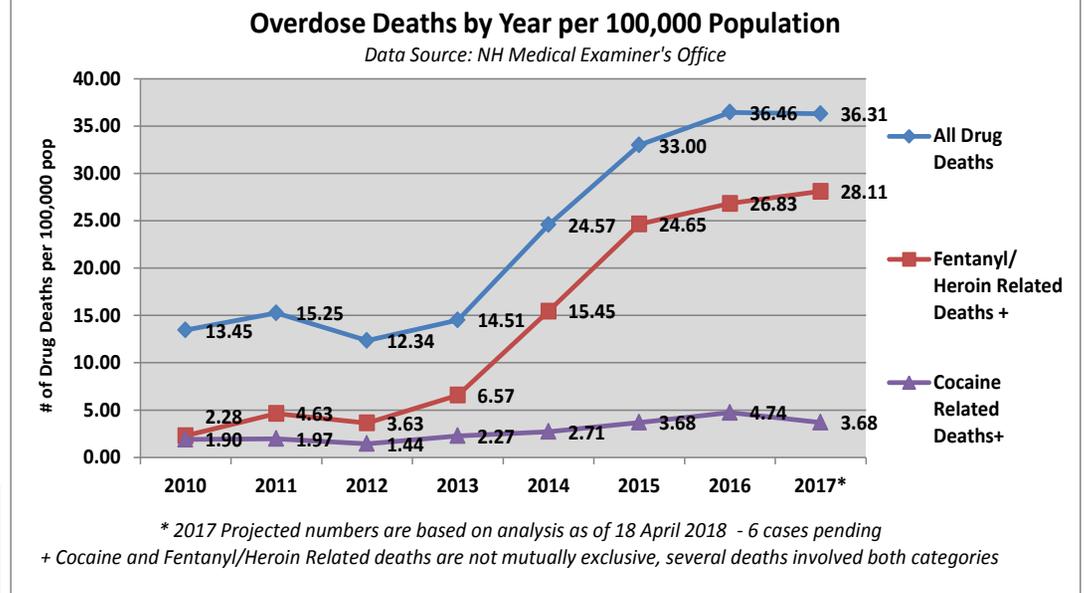
Right click on the paperclip and select "Open File" to view additional data.

**Trends:**

- At this time, there are 40 confirmed drug overdoses and 86 cases pending toxicology for 2018.
- In 2017 thus far, Hillsborough County has the highest suspected drug use resulting in overdose deaths per capita at 3.81 deaths per 10,000 population.
- Belknap County had the next highest suspected drug use resulting in overdose deaths per capita at 3.48 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.

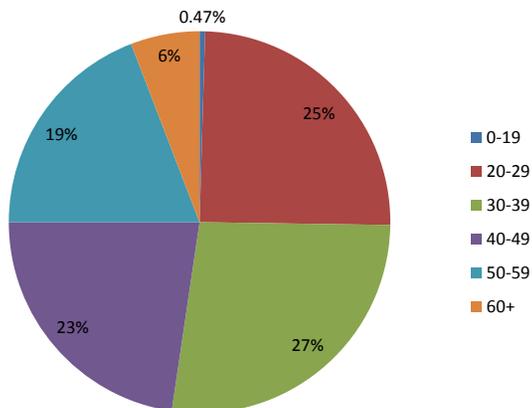
**\*\*\* IMPORTANT DATA NOTES \*\*\***

- 2017 and 2018 Total numbers are based on analysis as of 18 April, 2018.
- There are currently 6 cases "pending toxicology" for 2017.
- Analysis is based on county where the drug (s) is suspected to have been used.



**Overdose Deaths by Age 2017\***

Data Source: NH Medical Examiner's Office

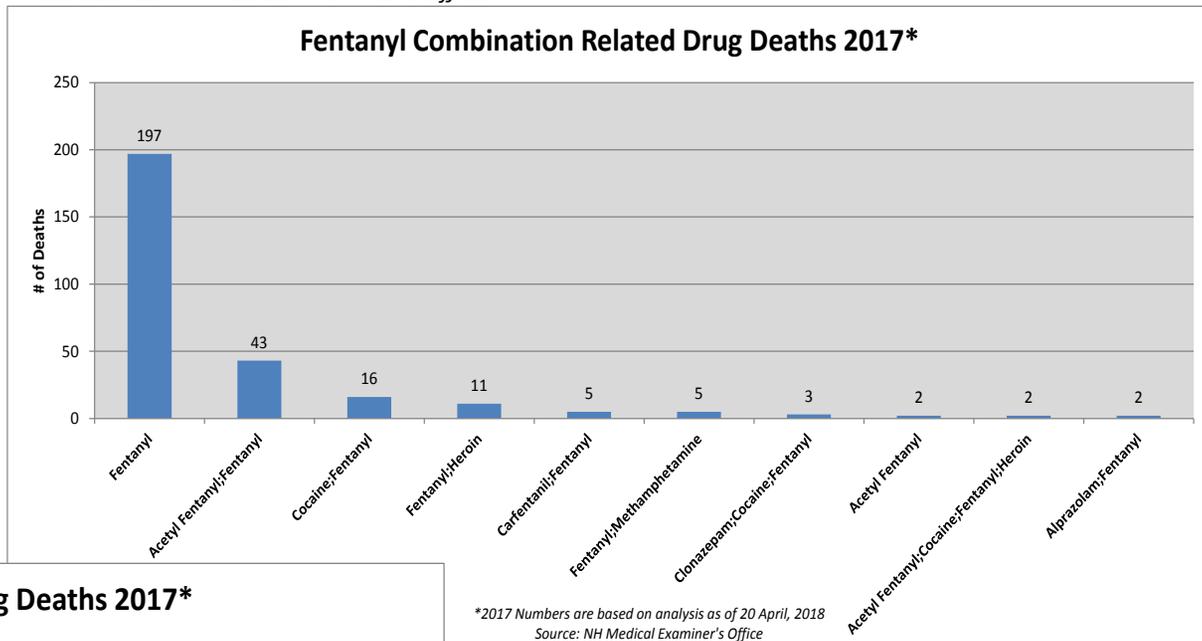


\*2017 Numbers are based on analysis as of 20 April, 2018

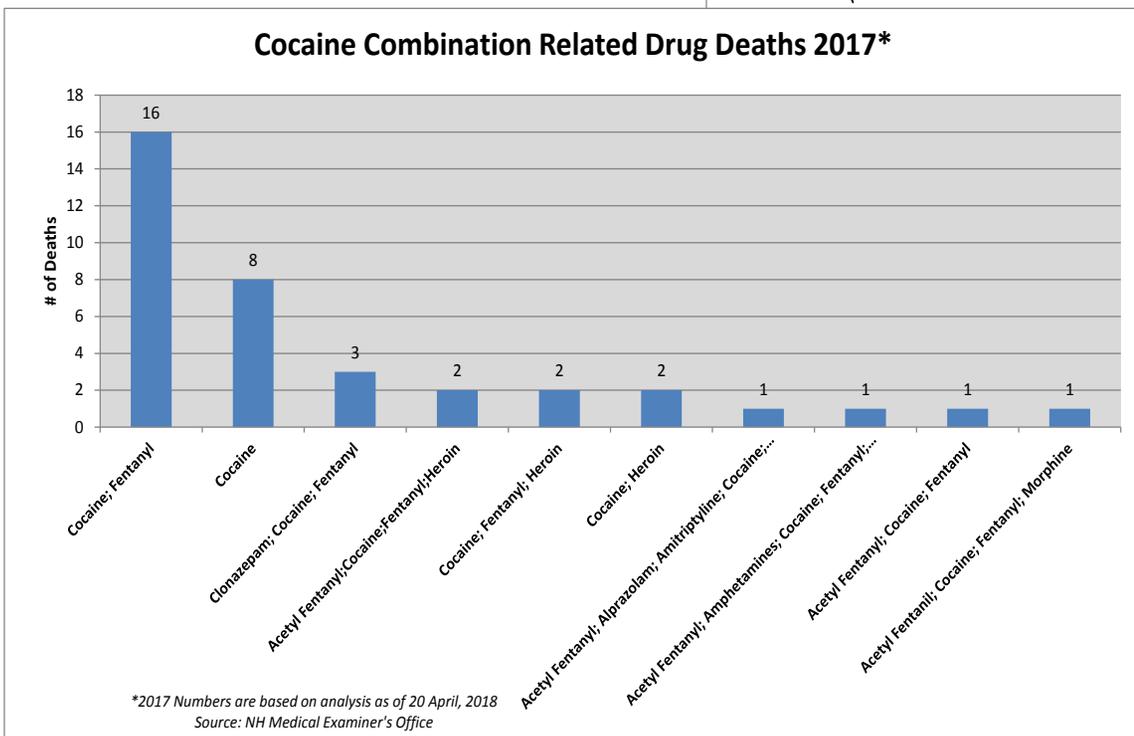
**Drug Overdose Deaths (Continued):**

Data Source: NH Medical Examiner's Office

Fentanyl Combinations (Top 10)	
Fentanyl	197
Acetyl Fentanyl; Fentanyl	43
Cocaine; Fentanyl	16
Fentanyl; Heroin	11
Carfentanil; Fentanyl	5
Fentanyl; Methamphetamine	5
Clonazepam; Cocaine; Fentanyl	3
Acetyl Fentanyl	2
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2
Alprazolam; Fentanyl	2



\*2017 Numbers are based on analysis as of 20 April, 2018  
Source: NH Medical Examiner's Office



\*2017 Numbers are based on analysis as of 20 April, 2018  
Source: NH Medical Examiner's Office

Cocaine Combinations (Top 10)	
Cocaine; Fentanyl	16
Cocaine	8
Clonazepam; Cocaine; Fentanyl	3
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2
Cocaine; Fentanyl; Heroin	2
Cocaine; Heroin	2
Acetyl Fentanyl; Alprazolam; Amitriptyline; Cocaine; Fentanyl; Oxycodone	1
Acetyl Fentanyl; Amphetamines; Cocaine; Fentanyl; Methamphetamine	1
Acetyl Fentanyl; Cocaine; Fentanyl	1
Acetyl Fentanyl; Cocaine; Fentanyl; Morphine	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 April 20, 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.  
6 cases pending



Prepared by:  
NH Information & Analysis Center

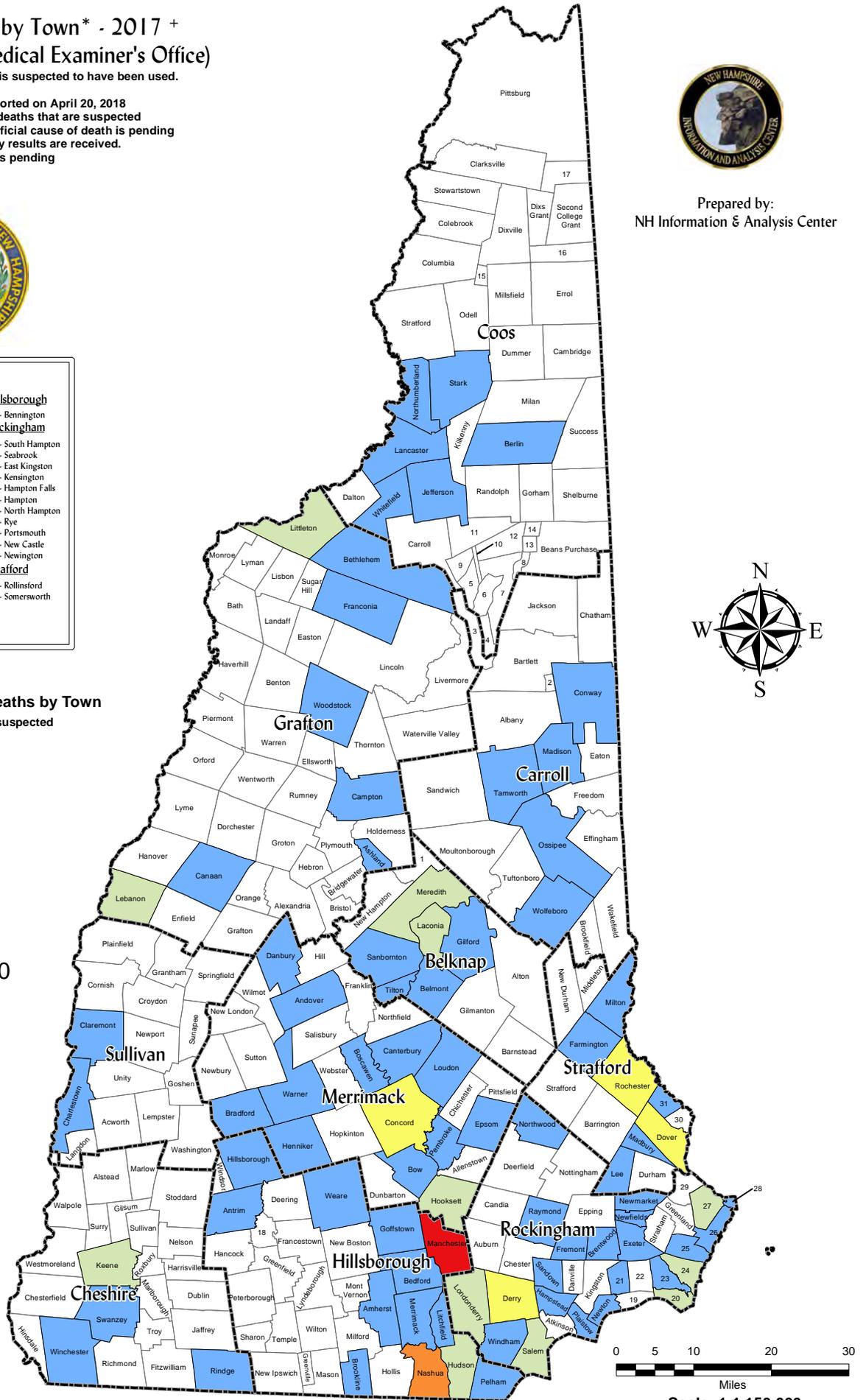
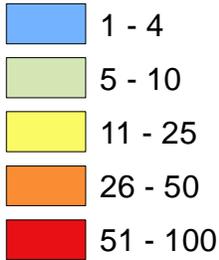


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### Number of Overdose Deaths by Town

\*Location where the drug(s) is suspected to have been used.



**EMS Narcan Administration:**

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

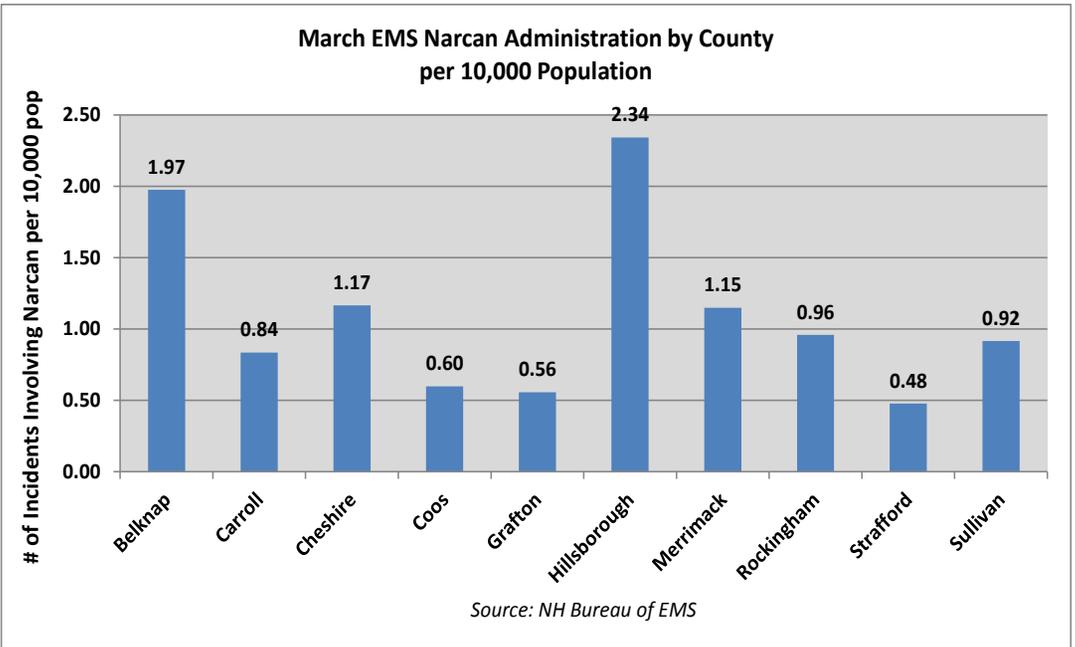
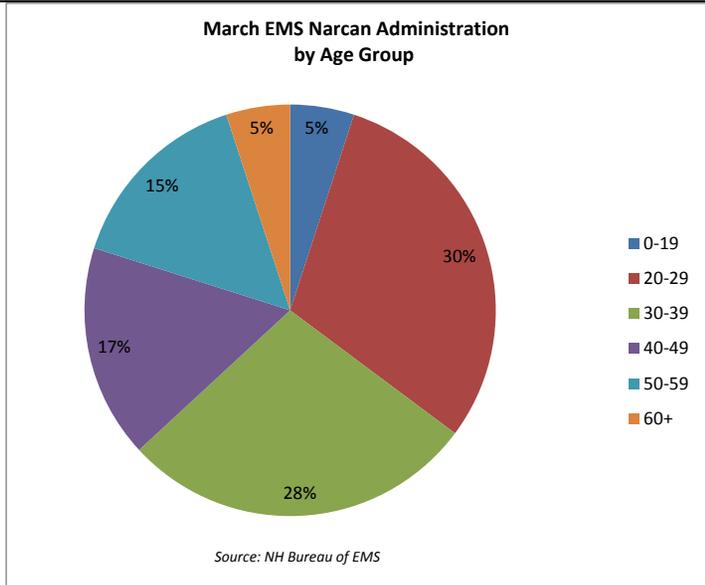
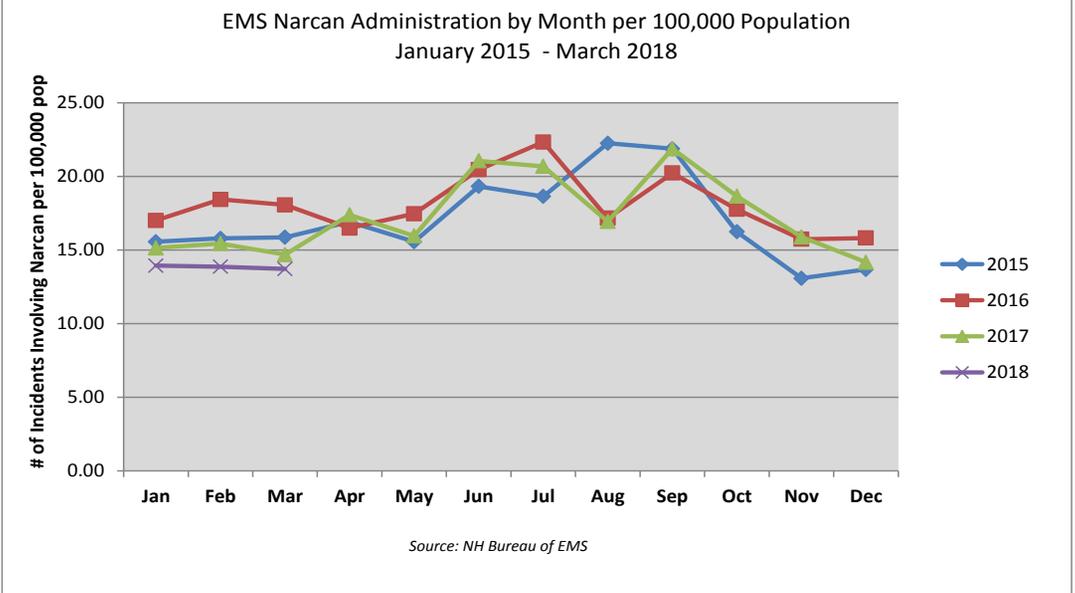
Right click on the paperclip and select "Open File" to view additional data.

**Trends:**

- EMS Narcan administration incidents decreased by 1% from February to March.
- In March Hillsborough County had the most EMS Narcan administration incidents per capita with 2.34 incidents per 10,000 population.
- Belknap had the second highest EMS Narcan administration incidents per capita with 1.97 incidents per 10,000 population.
- The age group with the largest number of EMS Narcan administration incidents was 20-29 which represents 30% of all EMS Narcan administration incidents for March.
- NH Bureau of EMS Percentage of "lives saved" remained the same from February to March.

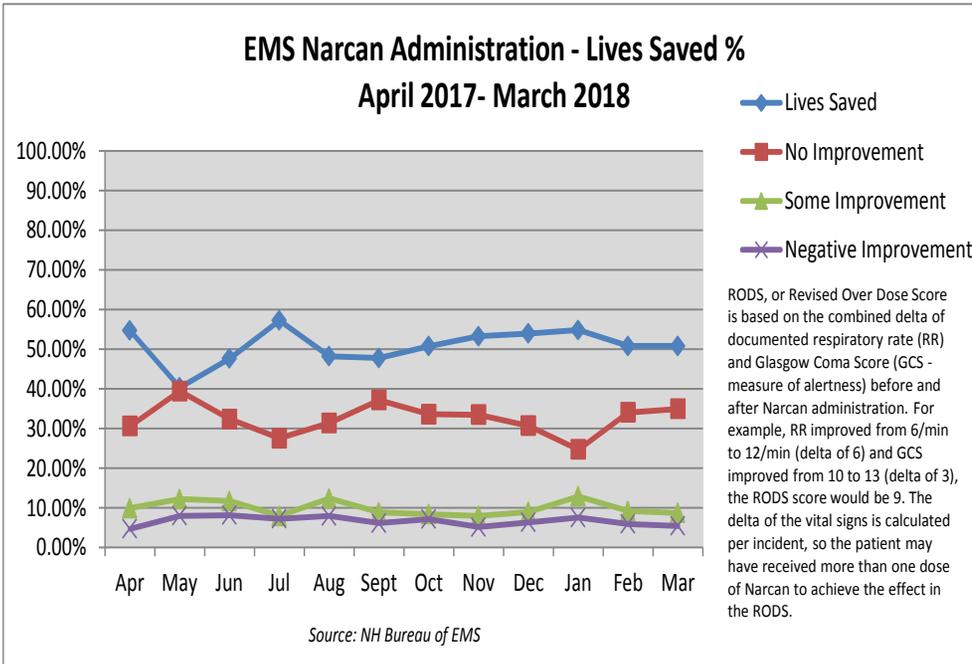
**\*\*\* IMPORTANT DATA NOTES \*\*\***

- 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.



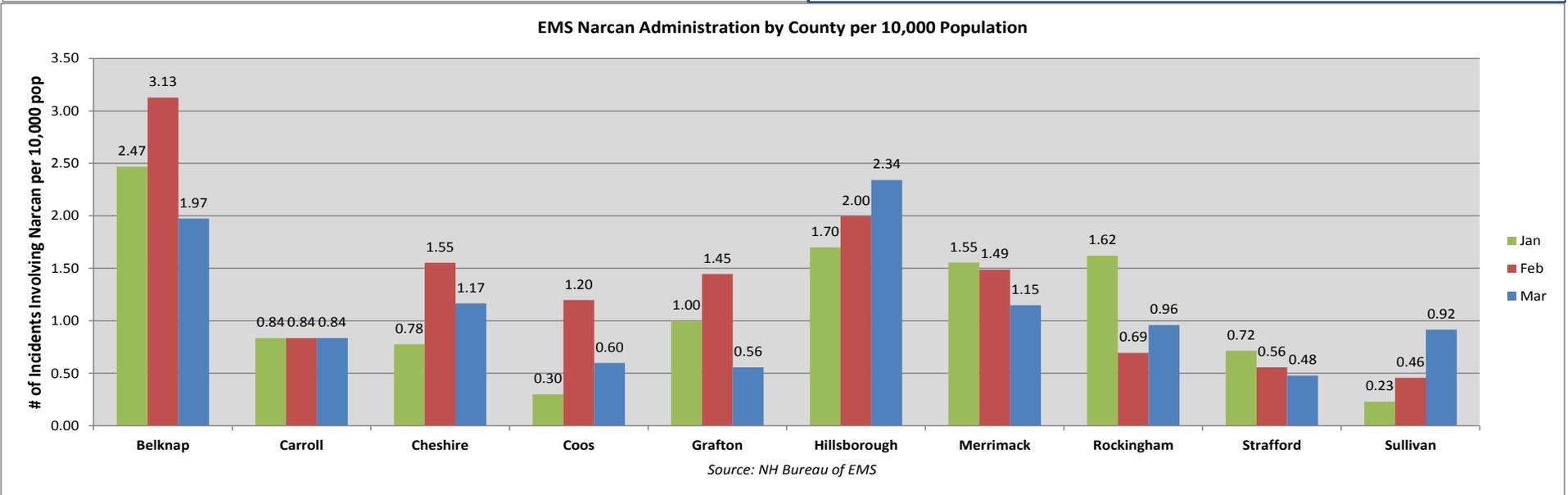
**EMS Narcan Administration (Continued):**

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



EMS Narcan Administration—Lives Saved												
Source: NH Bureau of EMS	2017									2018		
RODS Outcome	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
<b>Lives Saved</b> <i>RODS Score of 8+</i>	127	86	134	158	109	140	127	113	102	102	94	93
<b>No Improvement</b> <i>RODS Score of 0</i>	71	84	91	76	71	108	83	71	58	46	63	64
<b>Some Improvement</b> <i>RODS Score 1-7</i>	23	26	33	22	28	26	21	17	17	24	17	16
<b>Negative Improvement</b> <i>Negative RODS Score</i>	11	17	23	20	18	18	18	11	12	14	11	10
<b>Total</b>	<b>232</b>	<b>213</b>	<b>281</b>	<b>276</b>	<b>226</b>	<b>292</b>	<b>249</b>	<b>212</b>	<b>189</b>	<b>186</b>	<b>185</b>	<b>183</b>

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 4/1/2017 - 3/31/2018

Data Source: New Hampshire Bureau of EMS

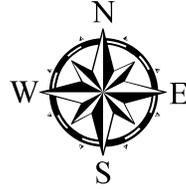
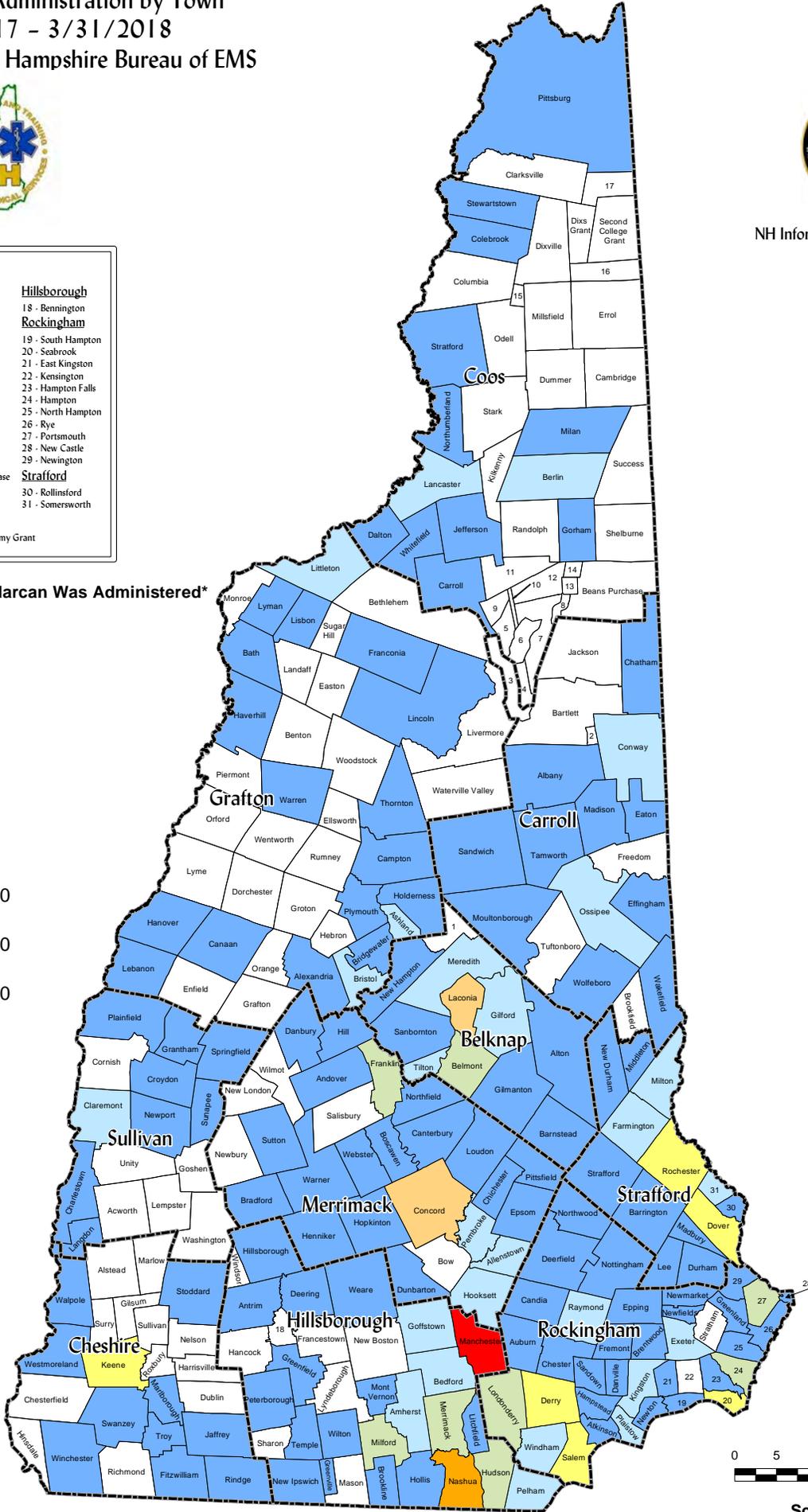
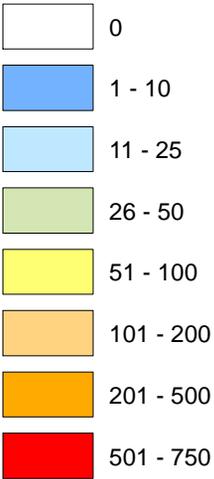


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### \*Incidents Where Narcan Was Administered\*



Scale: 1:1,150,000

**Opioid Related Emergency Department Visits:**

Data Source: NH Division of Public Health Services

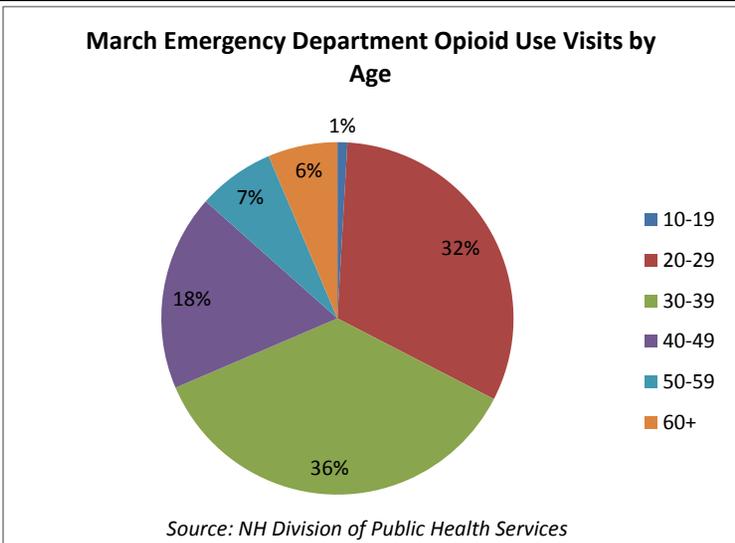
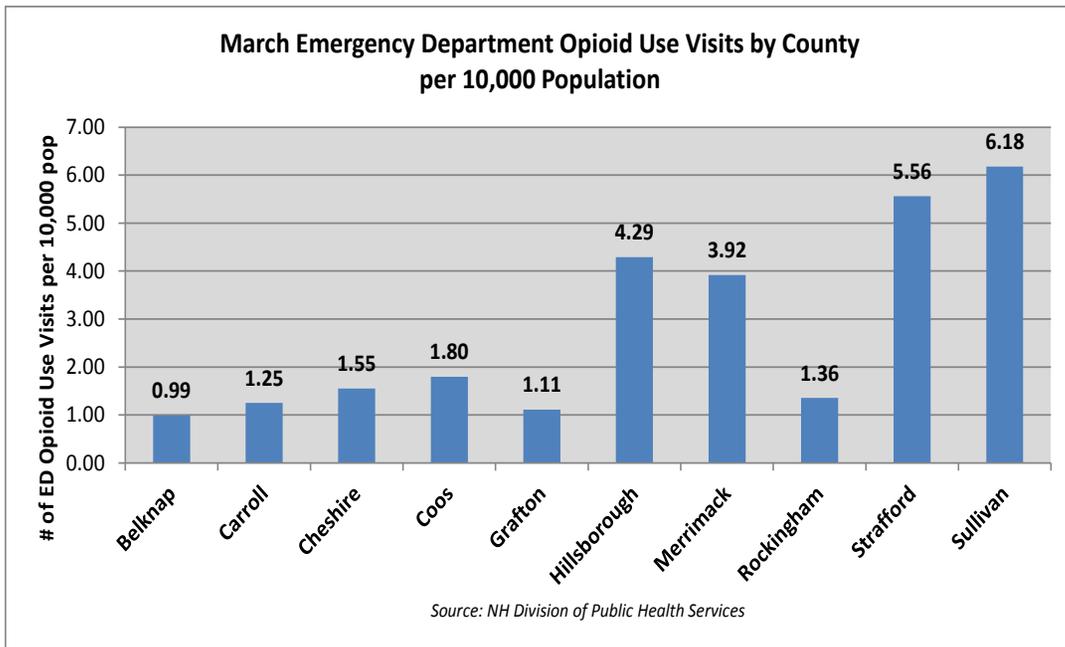
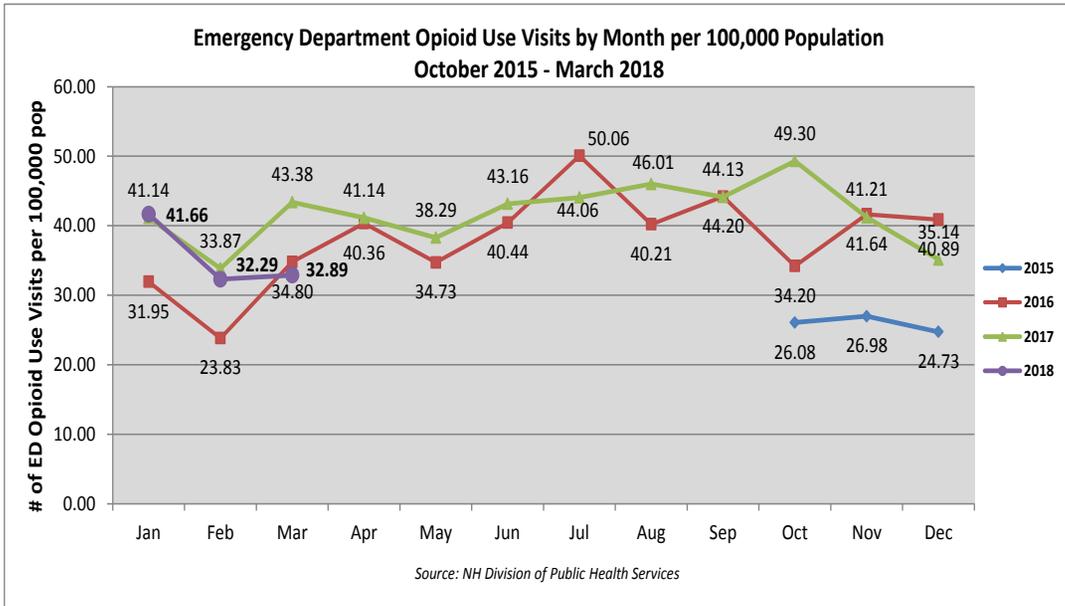
Right click on the paperclip and select "Open File" to view additional data.

**Trends:**

- Opioid related ED visits increased by 2% from February to March 2018.
- In March residents from Sullivan County had the most opioid related ED visits per capita with 6.18 visits per 10,000 population.
- Strafford County residents had the second highest number of opioid related ED visits per capita with 5.56 visits per 10,000 population.
- The age group with the largest number of opioid related ED visits was 30-39 with 36% of all opioid related ED visits for March.

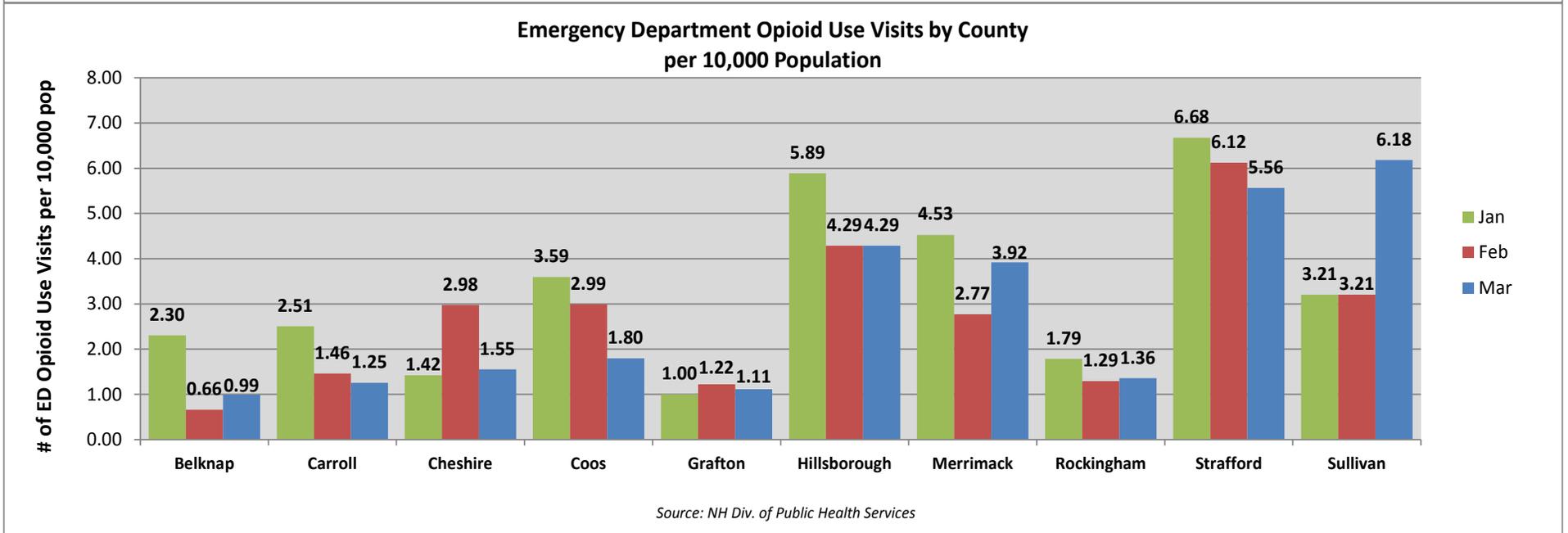
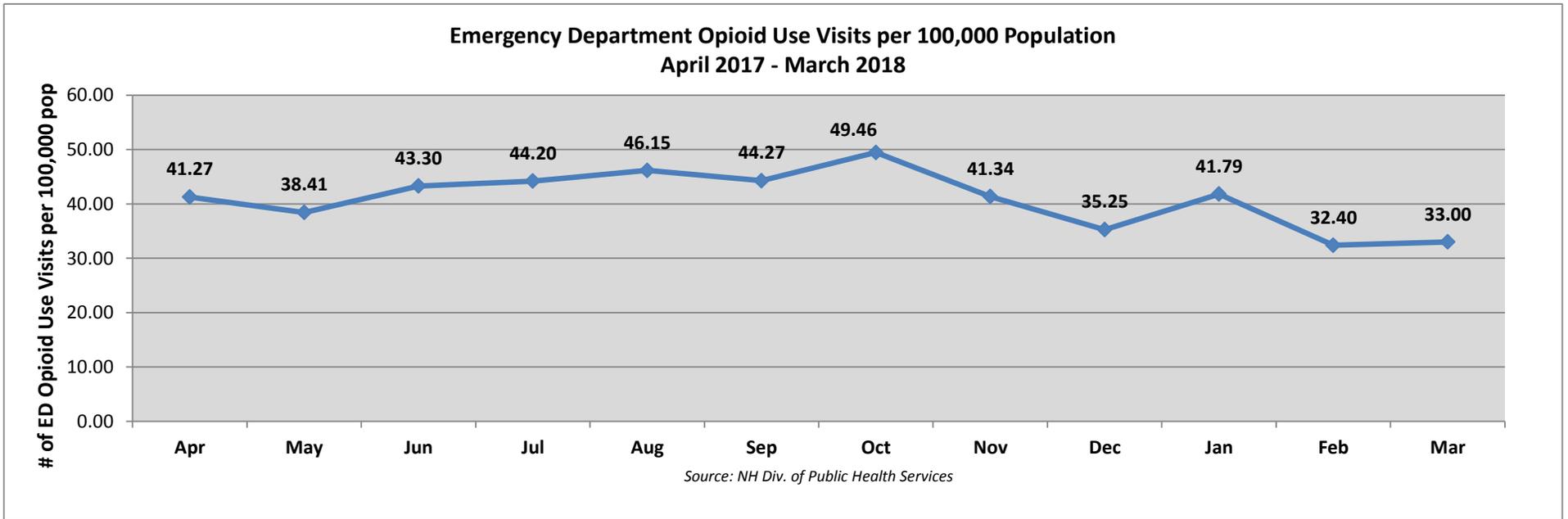
**\*\*\* IMPORTANT DATA NOTES \*\*\***

- 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 three of the hospitals are sending ICD-10 data.
- These data include other opioid-related encounters such as poisonings, withdrawals, and detox.



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

Data Source: NH Division of Public Health Services



### Treatment Admissions:

Data Source: NH Bureau of Drug & Alcohol Services

Right click on the paperclip and select "Open File" to view additional data.

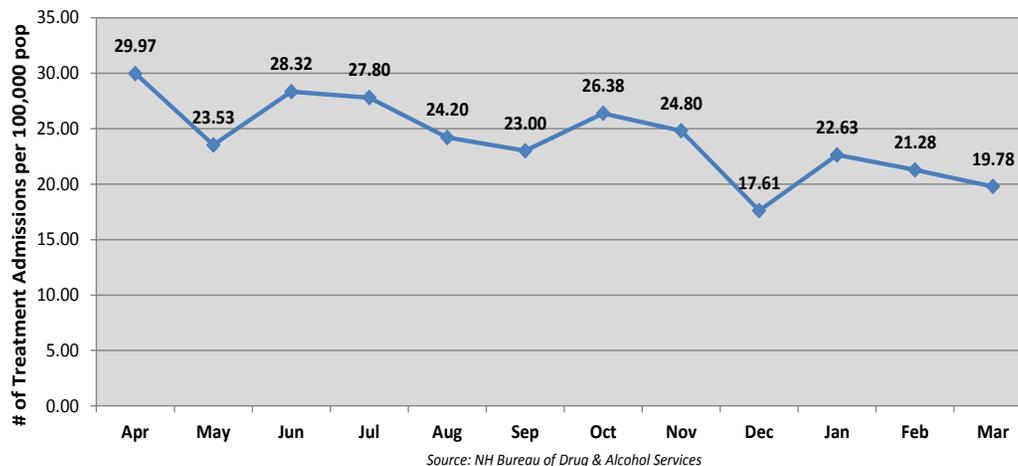
#### Trends:

- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions decreased by 7% from February to March.
- In March residents from Coos County were admitted most often for opioid/opiate treatment per capita with 2.39 admissions per 10,000 population.
- More males than females were admitted to treatment programs in March for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions decreased by 36% from February to March.
- Cocaine/Crack treatment admissions decreased by 25% from February to March.
- Heroin/Fentanyl treatment admissions remained the same from February to March.

**\*\*\* IMPORTANT DATA NOTES \*\*\***

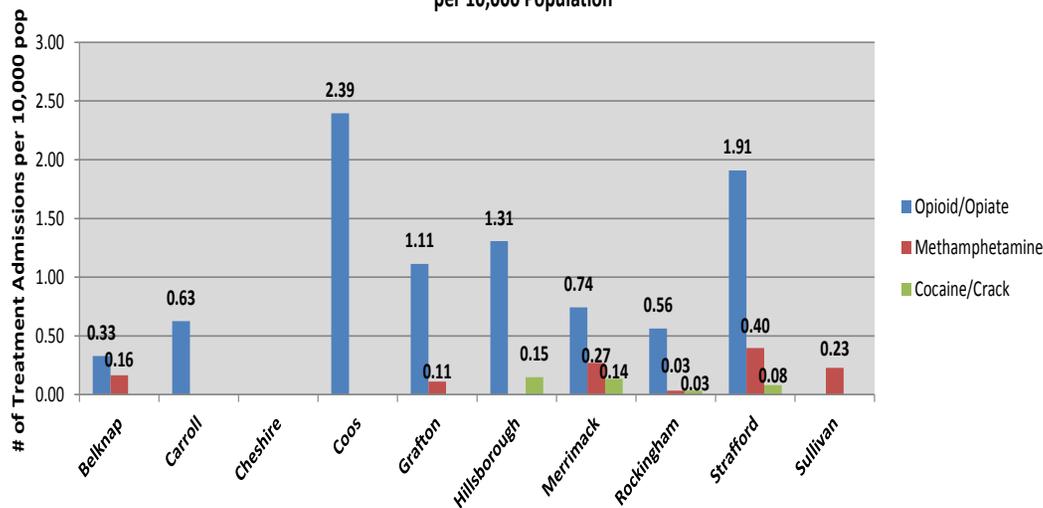
- County represents where the patient resides.
- These data represent treatment admissions to state funded facilities.

Opioid/Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by Month per 100,000 Population  
April 2017- March 2018



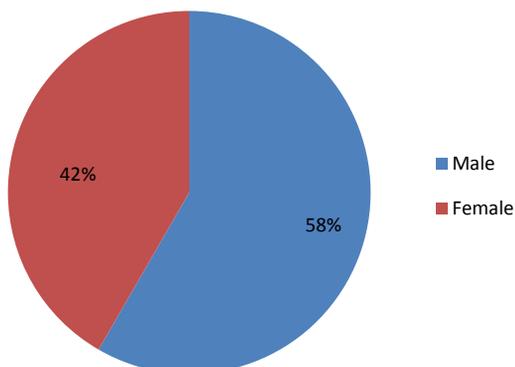
Source: NH Bureau of Drug & Alcohol Services

March Opioid/Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by County per 10,000 Population



Source: NH Bureau of Drug & Alcohol Services

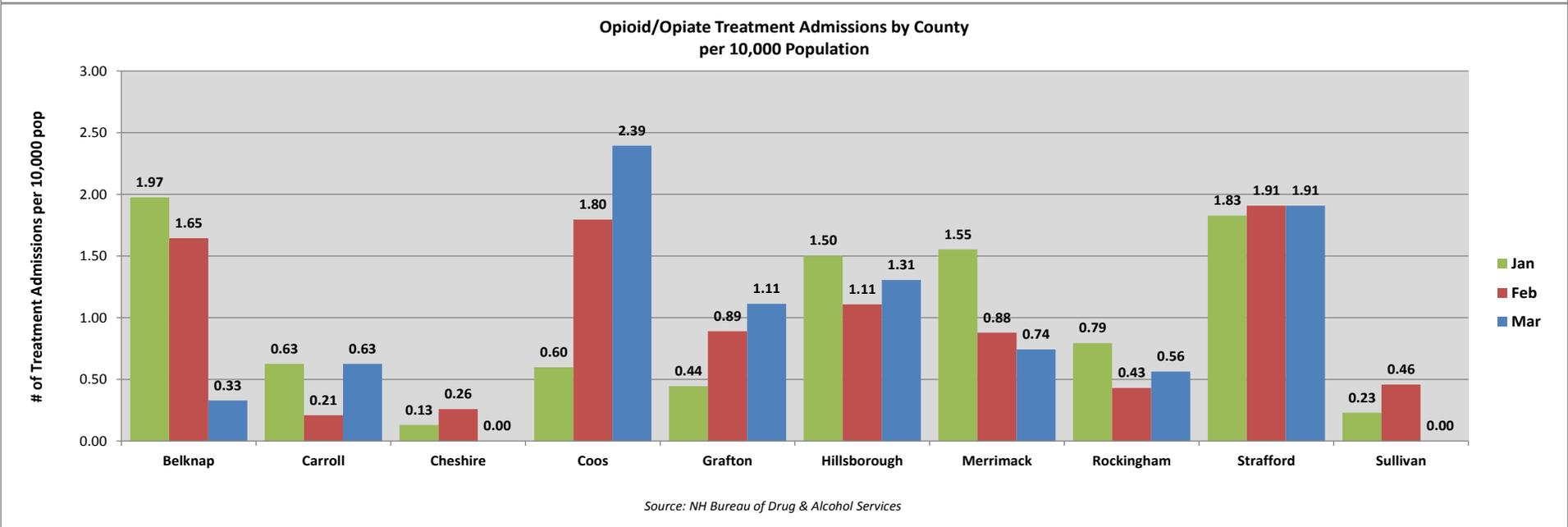
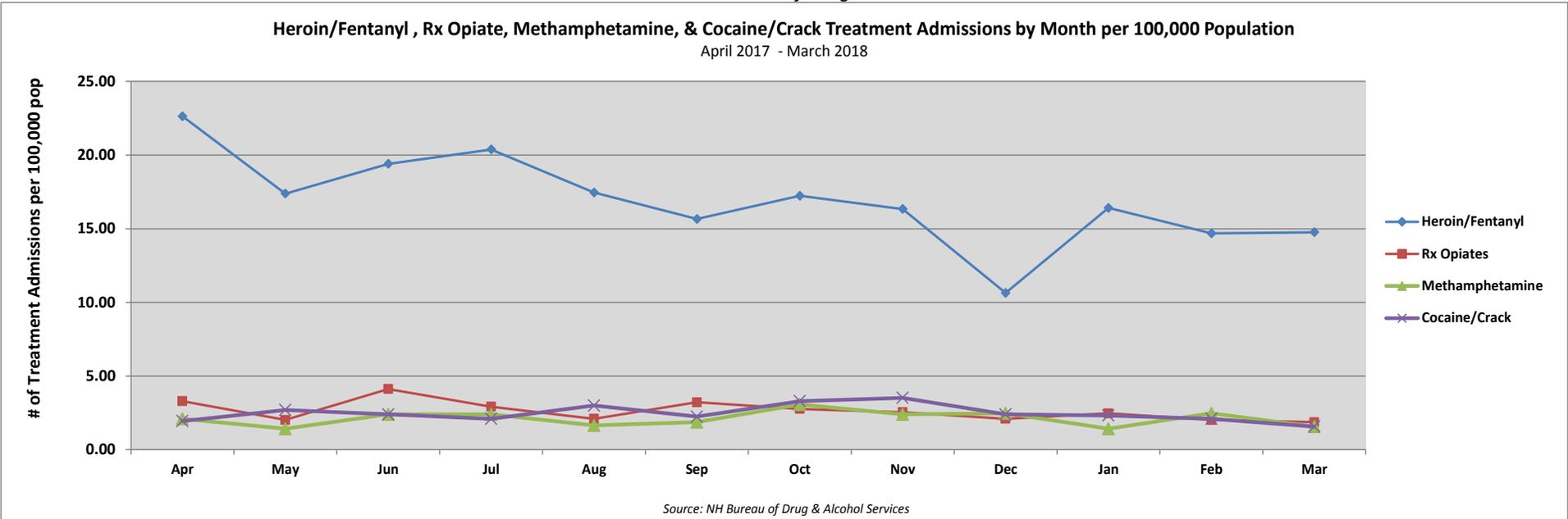
March Treatment Admissions by Gender



Source: NH Bureau of Drug & Alcohol

**Treatment Admissions (Continued):**

Data Source: NH Bureau of Drug & Alcohol Services



**Situational Awareness:**



# NEW HAMPSHIRE SAFE STATIONS

Manchester Safe Station Began 5/4/2016

Manchester

Nashua

Nashua Gateway to Recovery Began 11/17/2016

As of 4/26/2018

As of 4/26/2018

	Q1 2018	Total	Q2 2018	Total
Number of requests at MFD/NFR for Safe Station:	393	3314	71	1703
Number of participants transported to hospitals:	133	757	4	157
Number of participants taken to Substance Misuse Treatment Facilities:	259	2544	67	1522
Average length of time company "Not Available":	14.3 Min	16.3 Min	9.4 Min	11 Min
Number of UNIQUE participants:	331	2097	66	1019
Number of REPEAT participants:	186	1309	35	884
Number of unique participants seen in both City's SafeStation Program	293			

**Dover, Concord Jointly Sue Opioid Drug Makers**

The cities of Dover and Concord filed a five-count federal lawsuit against multiple pharmaceutical businesses Tuesday, alleging the companies share much of the blame for the opioid abuse and deaths in the communities and the cost of the cities response to the crisis.

The joint 160-page lawsuit alleges the companies violated the New Hampshire Consumer Protection Act, created a public nuisance, made fraudulent or negligent misrepresentation of their products, were unjustly enriched and are in violation of the federal Racketeer Influenced and Corrupt Organizations Act.

The lawsuit cites Center for Disease Control statistics that show New Hampshire had the third highest death rates due to drug overdoses in the country and "led the nation in per-capita deaths caused by fentanyl and other synthetic opioids."

The Dover City Council's background material on the opioid action said, "The over prescription and overuse of opioid medications have resulted in a public health crisis across the United States. Governmental entities, including the City of Dover, have incurred significant costs and expenses responding to the crisis."

Source: [www.fosters.com](http://www.fosters.com) 4/26/2018

**Latest Fentanyl Bust in NH Traced to Lawrence Drug Ring**

The U.S. Attorney's Office in Concord says a massive drug sweep involving 20 different agencies has led to 45 indictments, and the seizure of more than 30 kilograms of fentanyl.

Officials say they tracked a Lawrence, MA-based drug ring for more than a year, allegedly overseen by two brothers, Sergio and Raulin Martinez. The brothers ran a "vast network" of dealers who sold fentanyl in Massachusetts and New Hampshire.

The sting was carried out in two major operations, including an April 9th event that resulted in 15 arrests, and a second operation on April 18th, which yielded 12 more arrests. Several named in the indictments have not yet been taken into custody. In total, 29 Massachusetts residents were indicted, along with 15 New Hampshire residents.

In addition to fentanyl, law enforcement seized more than \$500,000 in cash and two firearms. Source: [www.nhpr.org](http://www.nhpr.org) 4/25/2018

**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**

(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](#).