



# New Hampshire Drug Monitoring Initiative

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NHIAC Product #: 2017-3175

**October 2017 Report**

30 November 2017

**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.

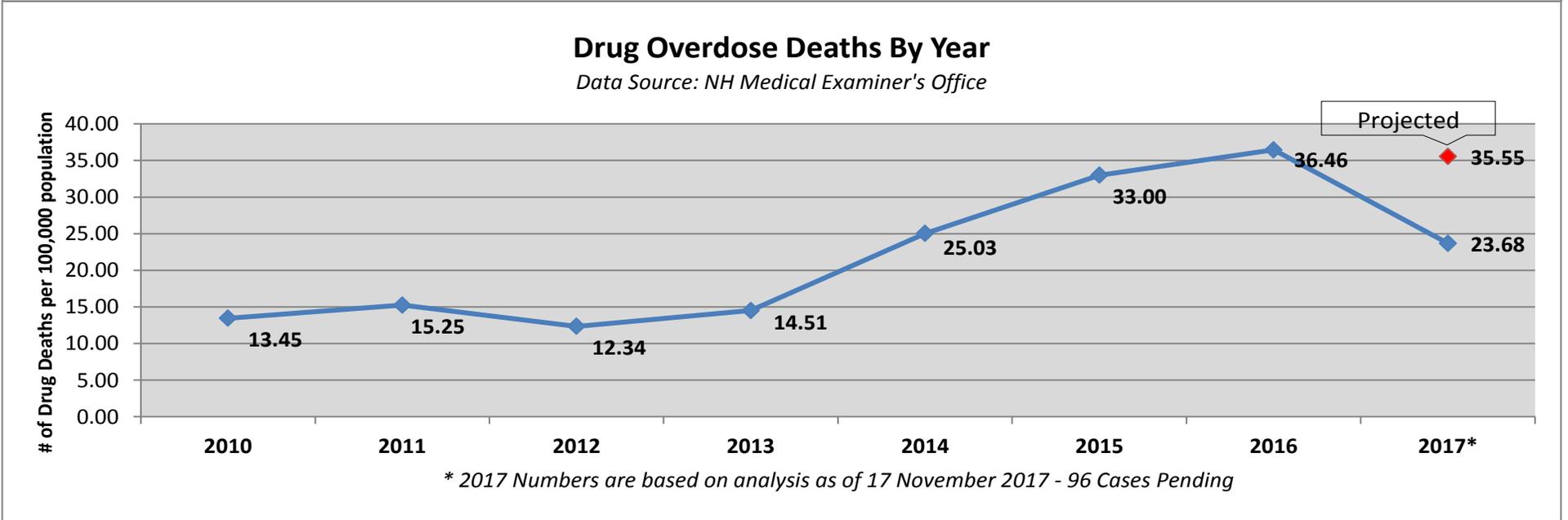
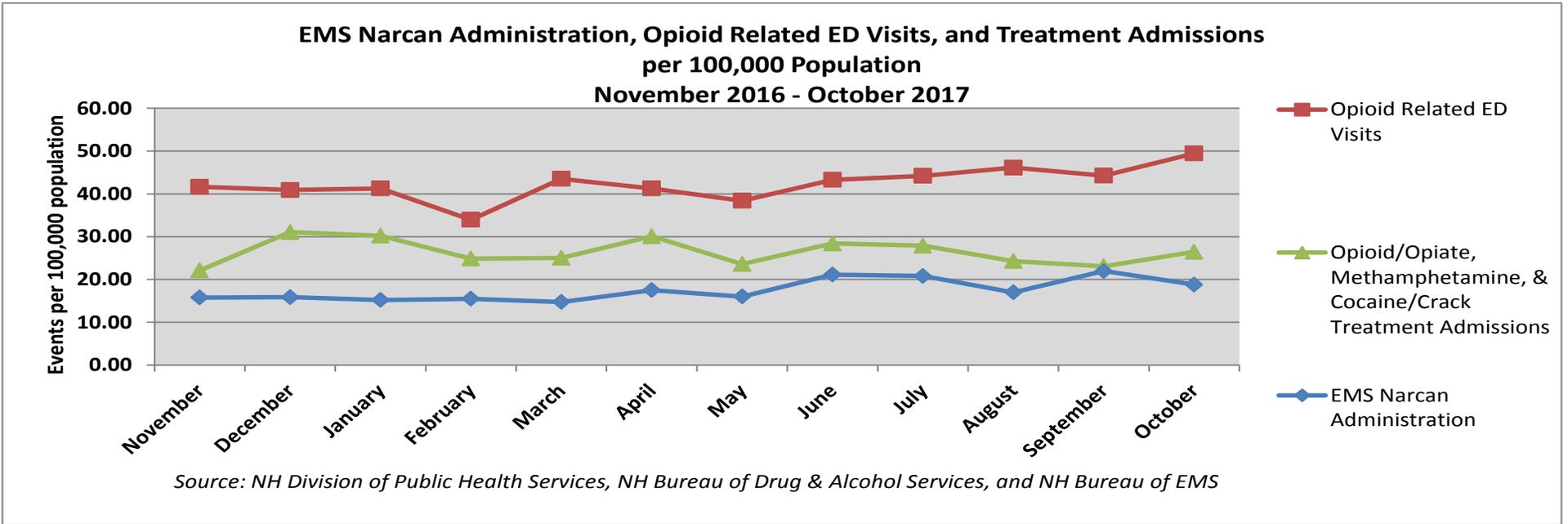
## Drug Environment Report—UNCLASSIFIED

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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 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:**



**Drug Overdose Deaths:**

Data Source: NH Medical Examiner's Office



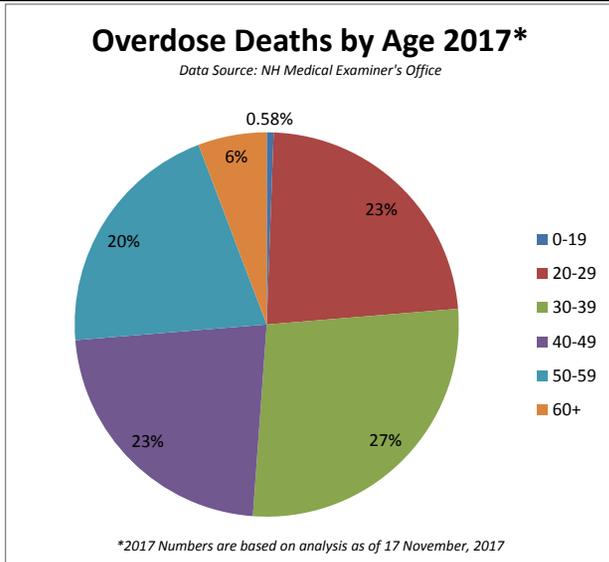
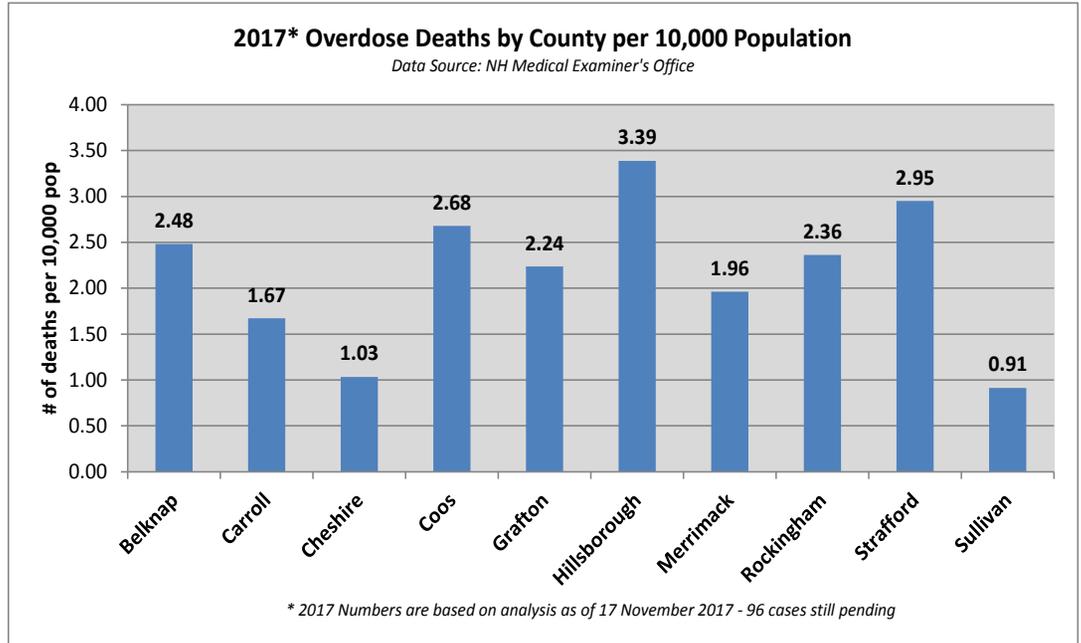
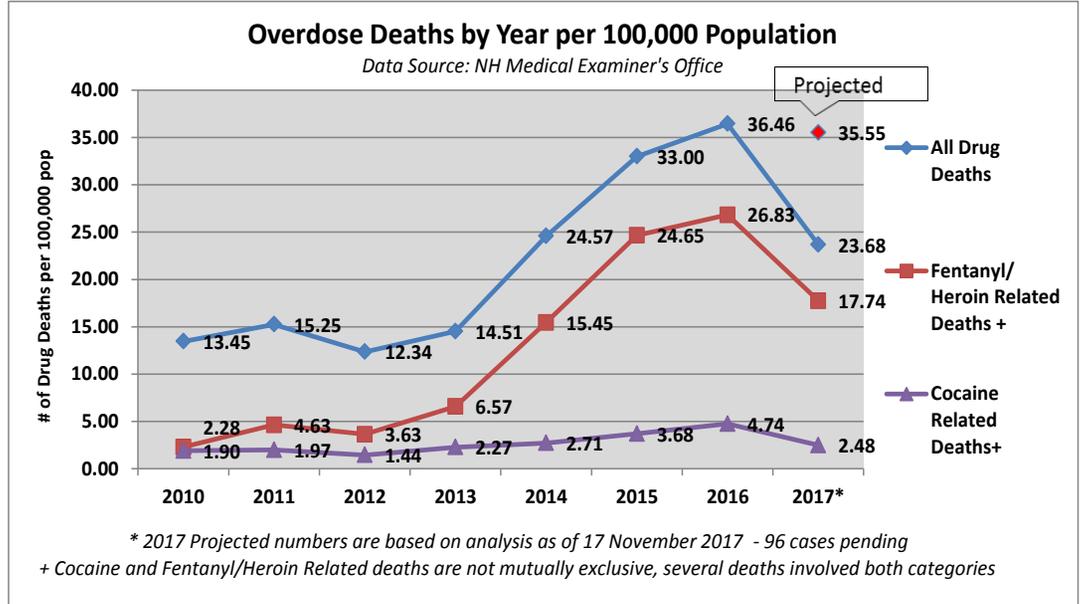
Right click on the paperclip and select "Open File" to view additional data.

**Trends:**

- At this time, drug overdose deaths are projected to decrease by 2.5% from 2016 to 2017.
- In 2017 thus far, Hillsborough County has the highest suspected drug use resulting in overdose deaths per capita at 3.39 deaths per 10,000 population.
- Strafford County had the next highest suspected drug use resulting in overdose deaths per capita at 2.95 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\*\*\***

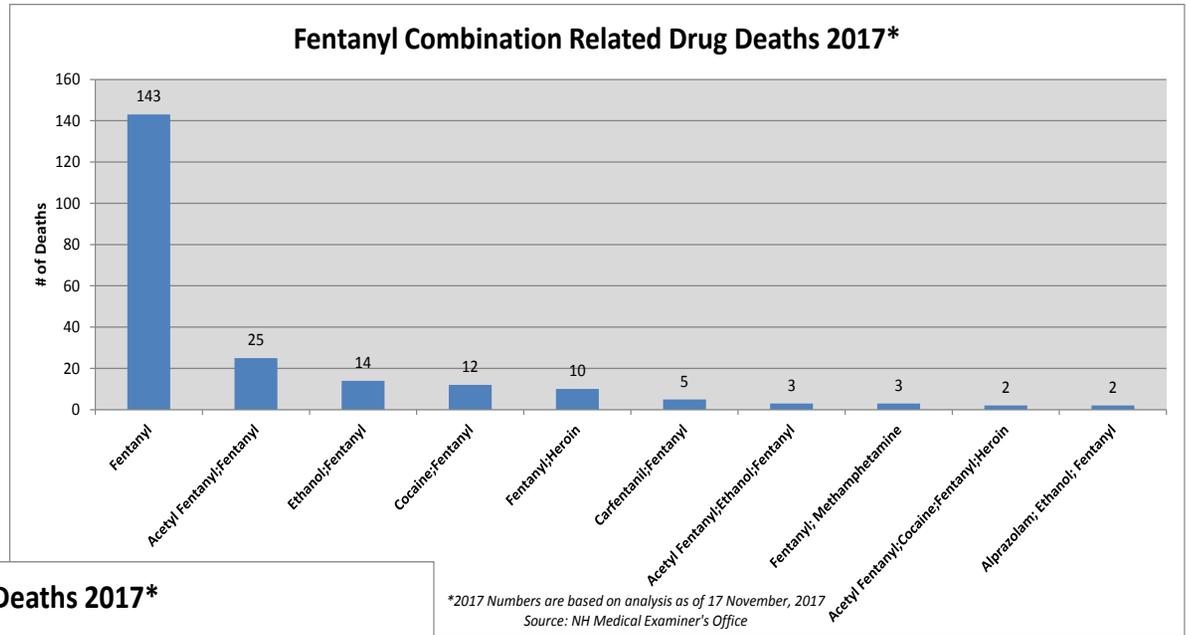
- 2017 Numbers are based on analysis as of 17 November, 2017.
- There are currently 96 cases "pending toxicology" for 2017.
- Analysis is based on county where the drug (s) is suspected to have been used.



**Drug Overdose Deaths (Continued):**

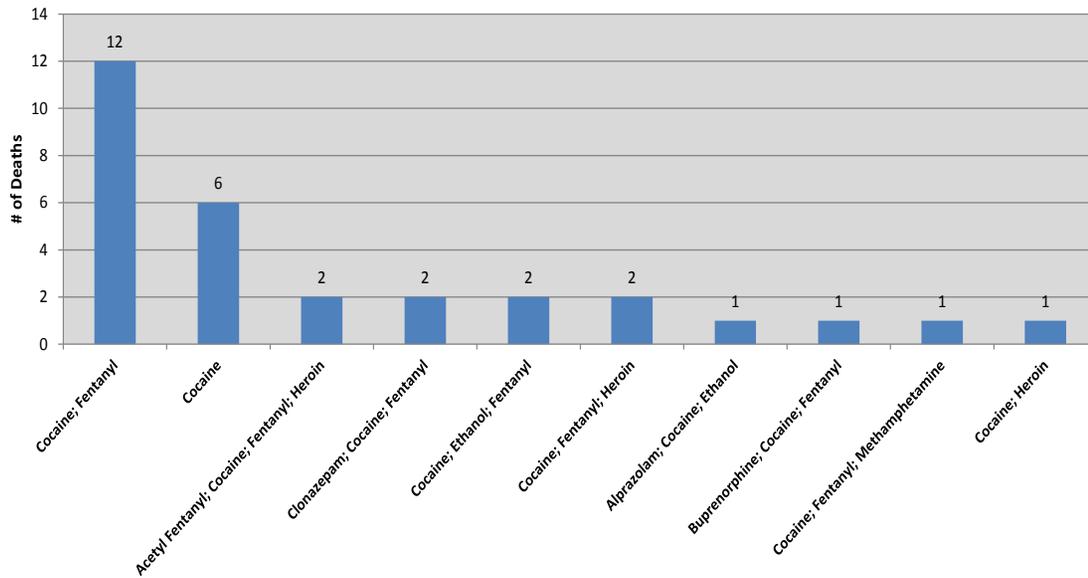
Data Source: NH Medical Examiner's Office

Fentanyl Combinations (Top 10)	
Fentanyl	143
Acetyl Fentanyl; Fentanyl	25
Ethanol; Fentanyl	14
Cocaine; Fentanyl	12
Fentanyl; Heroin	10
Carfentanil; Fentanyl	5
Acetyl Fentanyl; Ethanol; Fentanyl	3
Fentanyl; Methamphetamine	3
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2
Alprazolam; Ethanol; Fentanyl	2



\*2017 Numbers are based on analysis as of 17 November, 2017  
Source: NH Medical Examiner's Office

**Cocaine Combination Related Drug Deaths 2017\***



\*2017 Numbers are based on analysis as of 17 November, 2017  
Source: NH Medical Examiner's Office

Cocaine Combinations (Top 10)	
Cocaine; Fentanyl	12
Cocaine	6
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2
Clonazepam; Cocaine; Fentanyl	2
Cocaine; Ethanol; Fentanyl	2
Cocaine; Fentanyl; Heroin	2
Alprazolam; Cocaine; Ethanol	1
Buprenorphine; Cocaine; Fentanyl	1
Cocaine; Fentanyl; Methamphetamine	1
Cocaine; Heroin	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 November 17, 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.



Prepared by:  
NH Information & Analysis Center

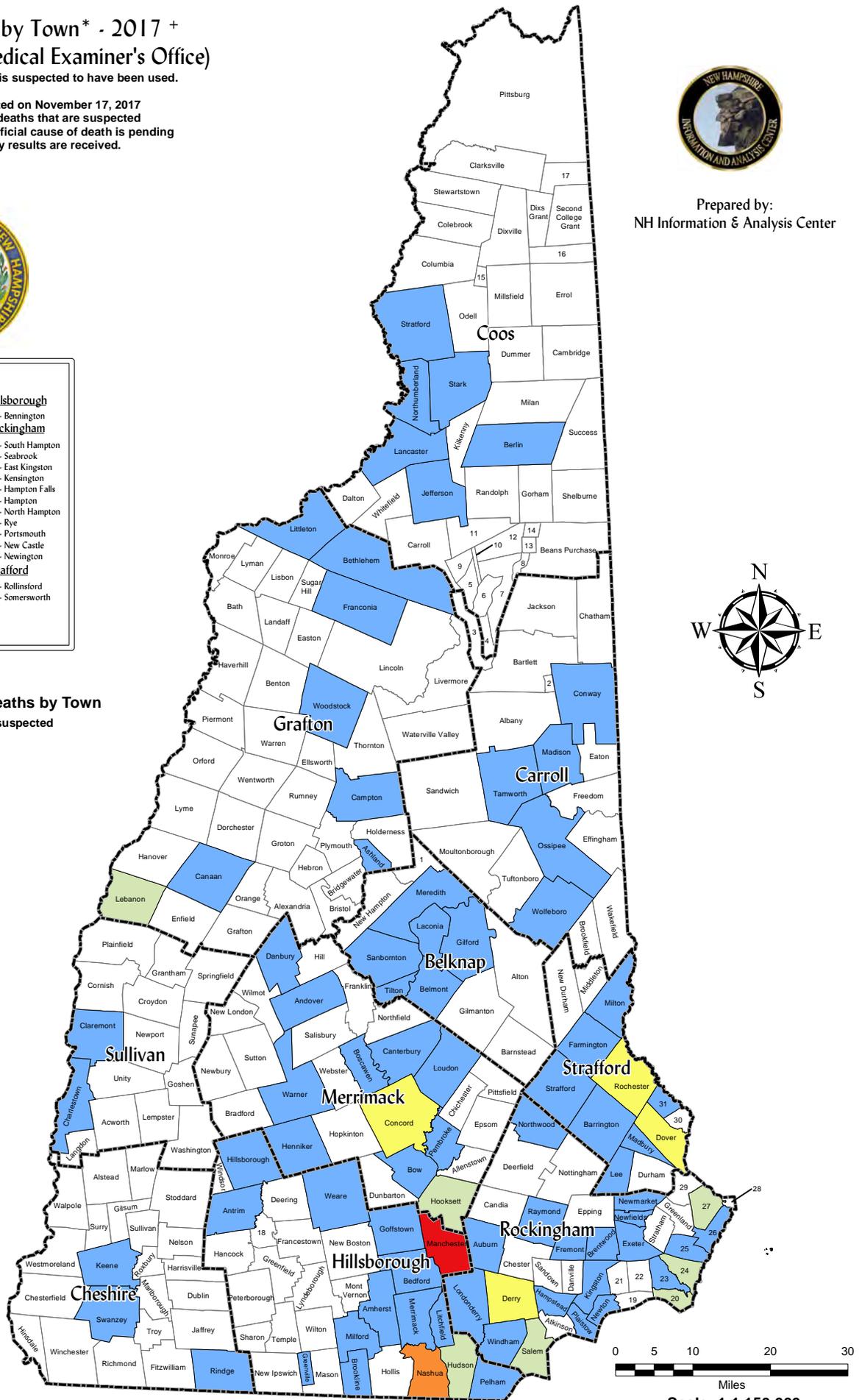
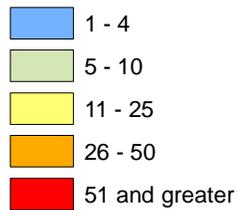


**INDEX**

<b>Belknap</b>	<b>Hillsborough</b>
1 - Center Harbor	18 - Bennington
<b>Carroll</b>	<b>Rockingham</b>
2 - Hales Location	19 - South Hampton
3 - Harts Location	20 - Seabrook
<b>Coos</b>	21 - East Kingston
4 - Hadleys Purchase	22 - Kensington
5 - Beans Grant	23 - Hampton Falls
6 - Cutts Grant	24 - Hampton
7 - Sargents Purchase	25 - North Hampton
8 - Pinkhams Grant	26 - Rye
9 - Crawford's Purchase	27 - Portsmouth
10 - Chandlers Purchase	28 - New Castle
11 - Low & Burbanks Grant	29 - Newington
12 - Thompson & Meserve's Purchase	<b>Strafford</b>
13 - Greens Grant	30 - Rollinsworth
14 - Martins Location	31 - Somersworth
15 - Erving's Grant	
16 - Wentworth Location	
17 - Atkinson & Gilmanton Academy Grant	

**Number of Overdose Deaths by Town**

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



Scale: 1:1,150,000

**EMS Narcan Administration:**

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



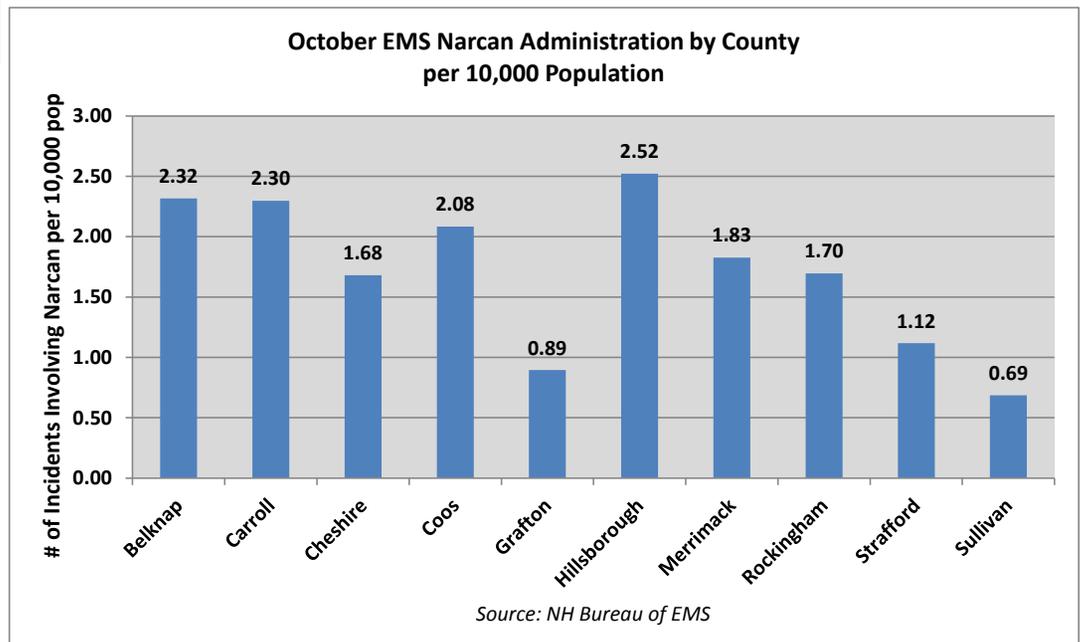
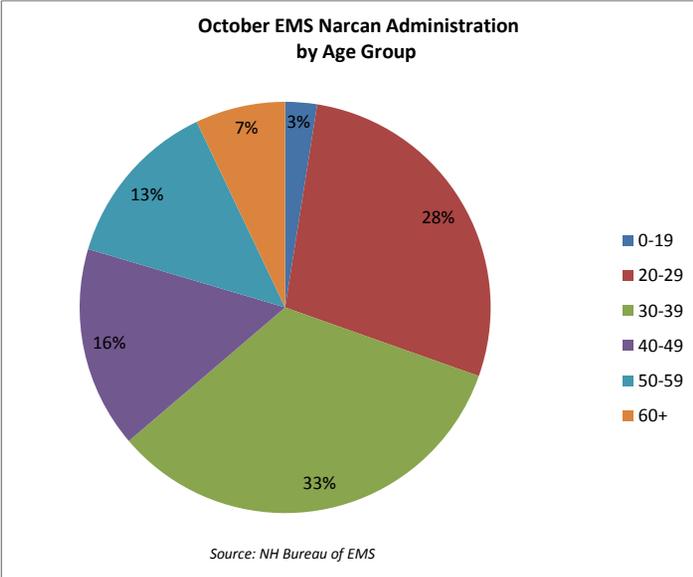
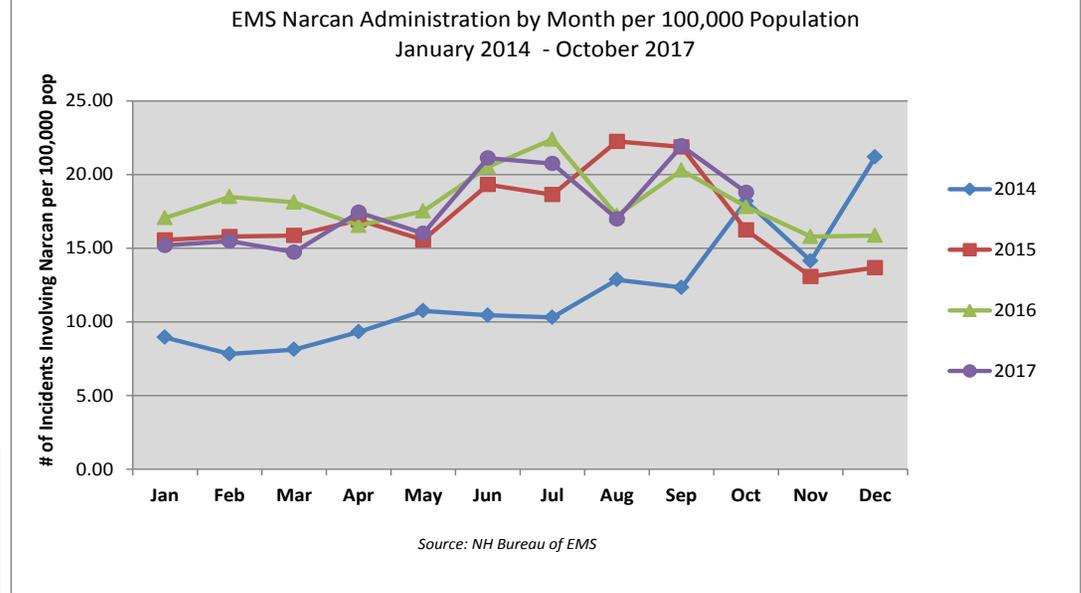
Right click on the paperclip and select "Open File" to view additional data.

**Trends:**

- EMS Narcan administration incidents decreased by 14.4% from September to October.
- In October Hillsborough County had the most EMS Narcan administration incidents per capita with 2.52 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 102 incidents in October.
- The age group with the largest number of EMS Narcan administration incidents is 30-39 which represents 33% of all EMS Narcan administration incidents for October.
- NH Bureau of EMS Percentage of "lives saved" increased by 3% from September to October.

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

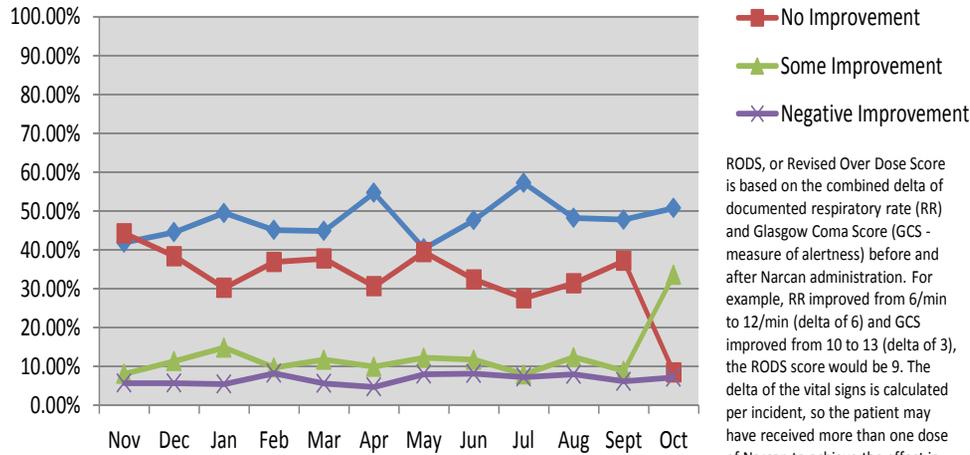
- Narcan data in this report involves the number of incidents where Narcan was administered, NOT the number of doses of Narcan during a certain time period. Multiple doses may be administered during an incident.
- Narcan is administered in cases of cardiac arrest when the cause of the arrest cannot be 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 %**  
November 2016- October 2017



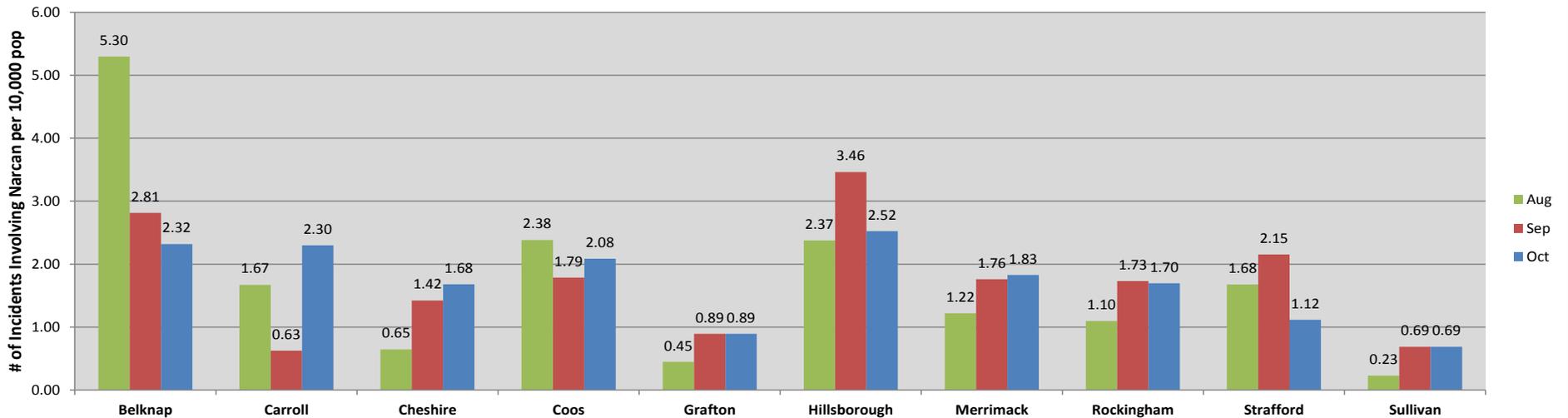
Source: NH Bureau of EMS

**EMS Narcan Administration—Lives Saved**

Source: NH Bureau of EMS	2016		2017									
RODS Outcome	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct
<b>No Improvement</b> <i>RODS Score of 0</i>	93	81	61	76	74	71	84	91	76	71	108	84
<b>Some Improvement</b> <i>RODS Score 1-7</i>	17	24	30	20	23	23	26	33	22	28	26	21
<b>Negative Improvement</b> <i>Negative RODS Score</i>	12	12	11	17	11	11	17	23	20	18	18	18
<b>Lives Saved</b> <i>RODS Score of 8+</i>	88	94	100	93	88	127	86	134	158	109	140	127
<b>Total</b>	<b>210</b>	<b>211</b>	<b>202</b>	<b>206</b>	<b>196</b>	<b>232</b>	<b>213</b>	<b>281</b>	<b>276</b>	<b>226</b>	<b>292</b>	<b>250</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 County per 10,000 Population**



Source: NH Bureau of EMS

# EMS/Narcarn Administration by Town 11/1/2016 - 10/31/2017

Data Source: New Hampshire Bureau of EMS



Prepared by:  
NH Information & Analysis Center

### INDEX

#### Belknap

1 - Center Harbor

#### Carroll

2 - Hales Location

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#### Coos

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8 - Pinkhams Grant

9 - Crawfords Purchase

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#### Hillsborough

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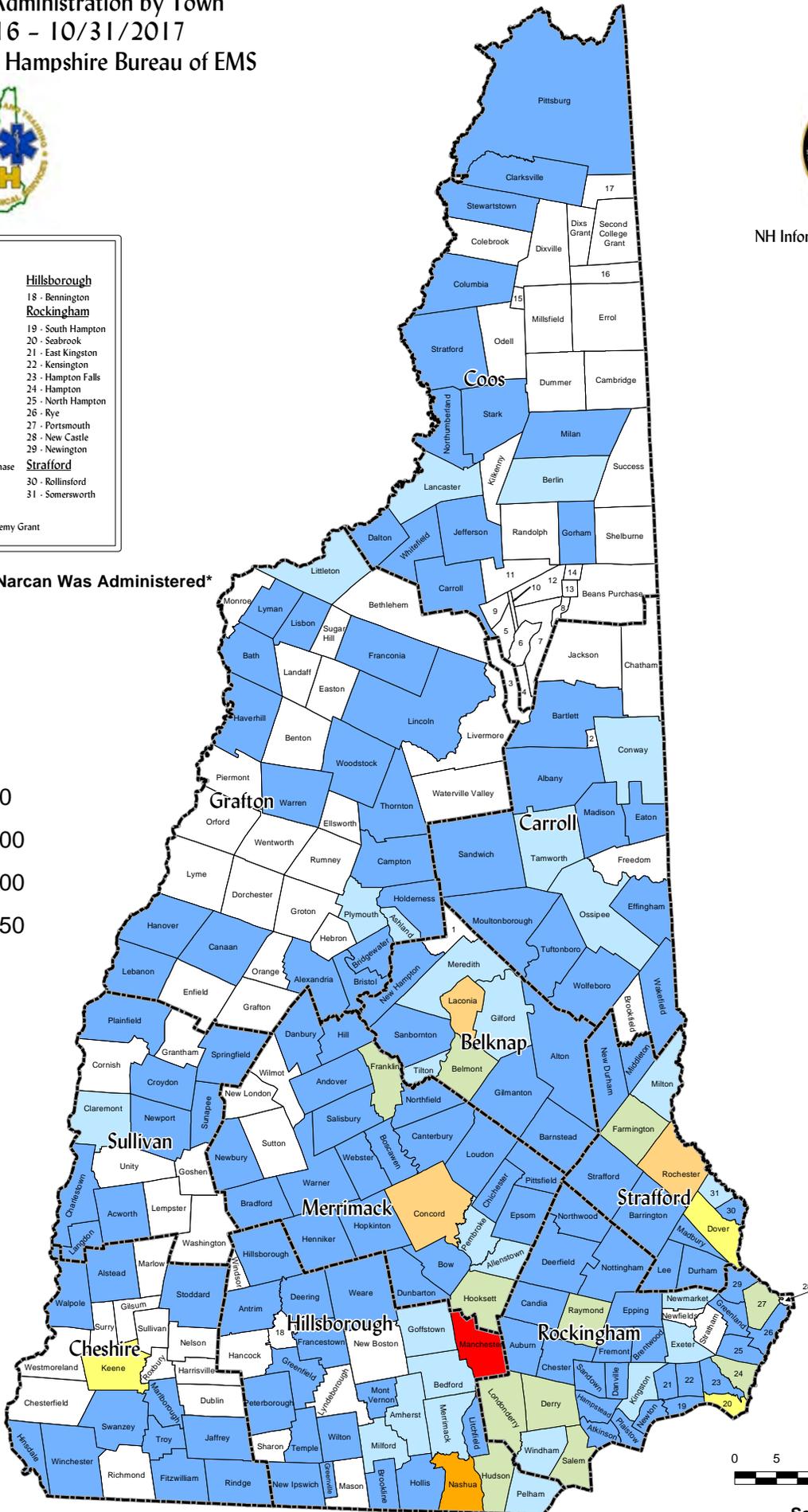
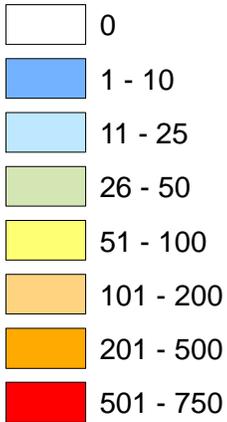
29 - Newington

#### Strafford

30 - Rollinsford

31 - Somersworth

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



Scale: 1:1,150,000

**Opioid Related Emergency Department Visits:**

Data Source: NH Division of Public Health Services



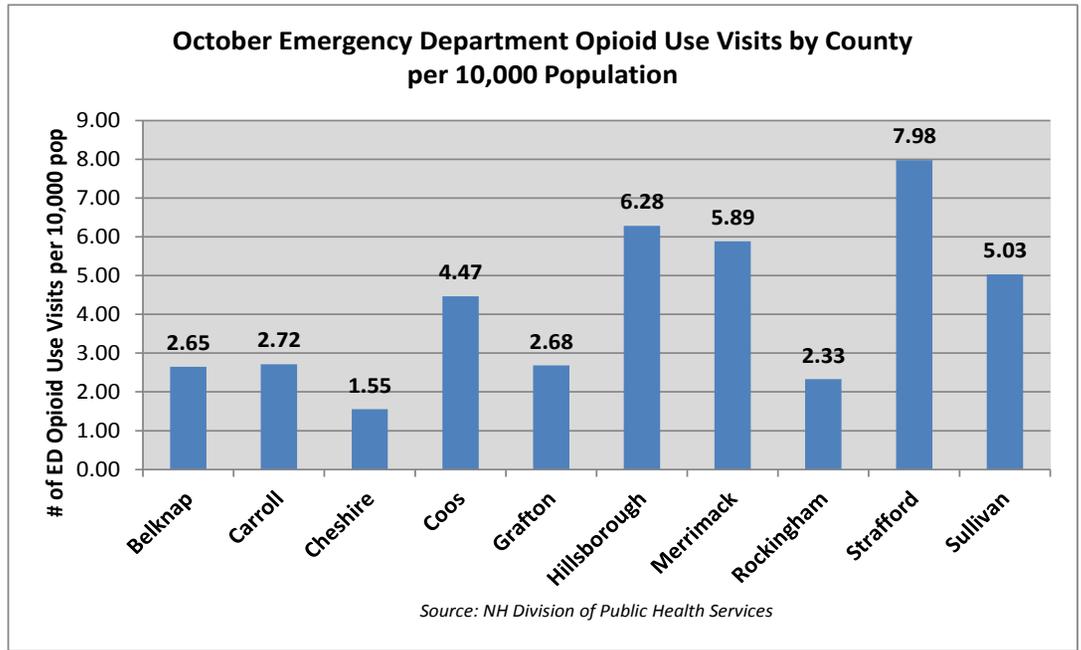
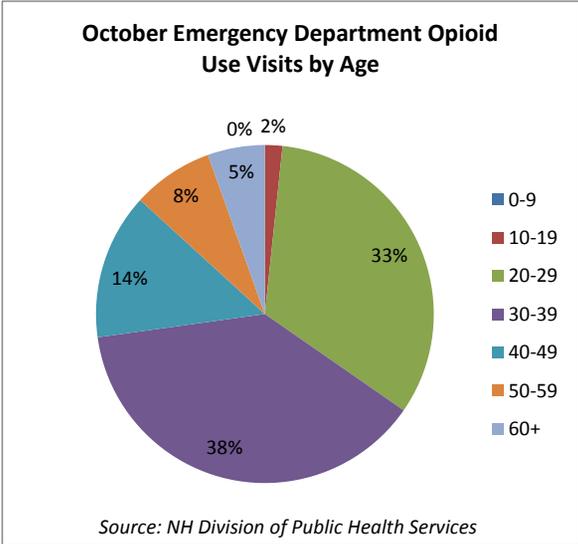
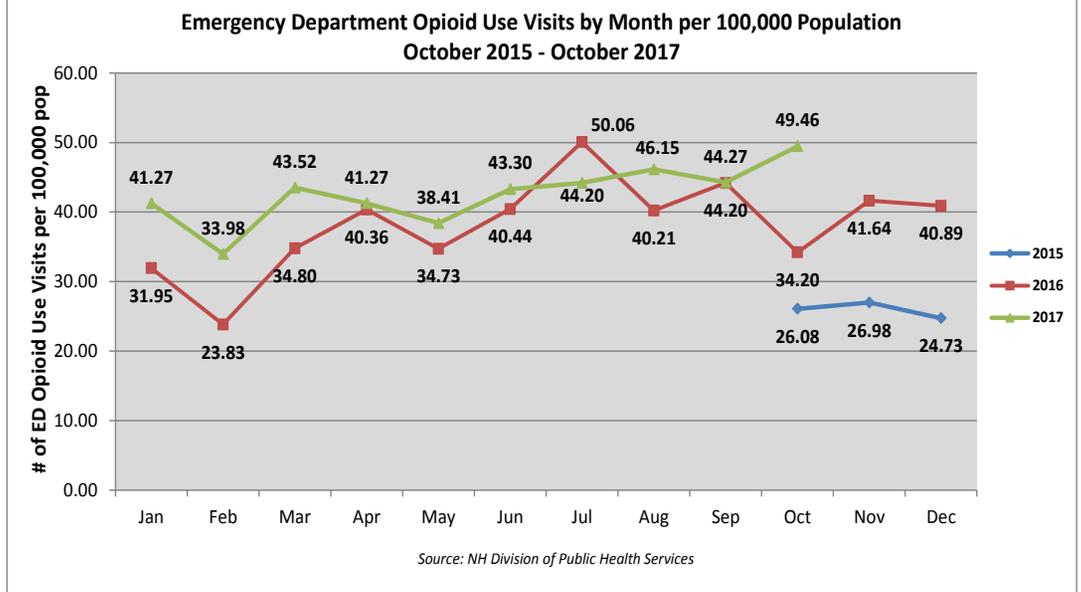
Right click on the paperclip and select "Open File" to view additional data.

**Trends:**

- Opioid related ED visits increased by 11% from September to October 2017.
- In October residents from Strafford County had the most opioid related ED visits per capita with 7.98 visits per 10,000 population.
- Hillsborough County residents had the second highest number of opioid related ED visits per capita with 6.28 visits per 10,000 population.
- The age group with the largest number of opioid related ED visits was 30-39 with 38% of all opioid related ED visits for October.

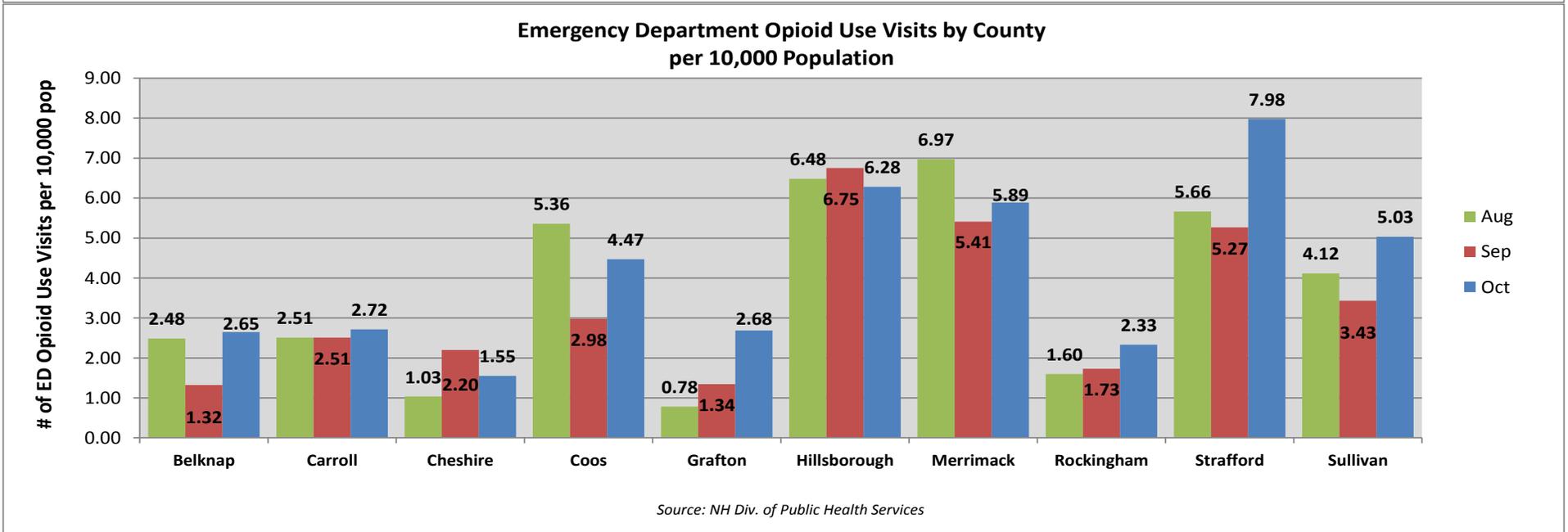
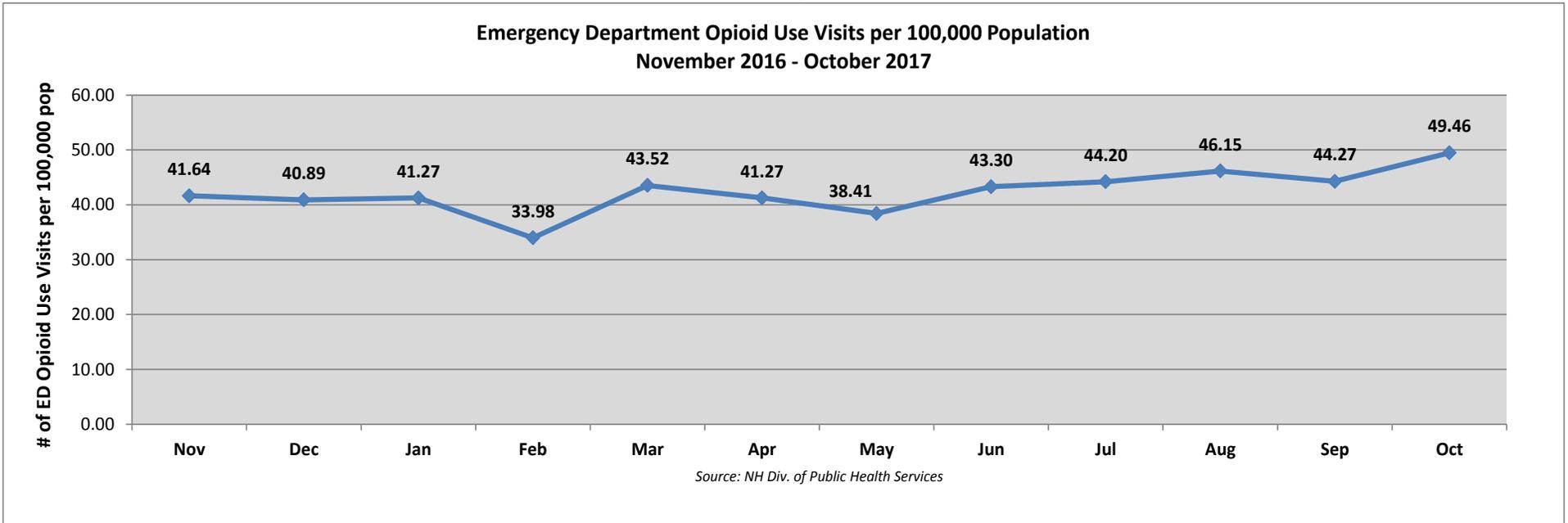
**\*\*\* IMPORTANT DATA NOTES \*\*\***

- 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.



**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.

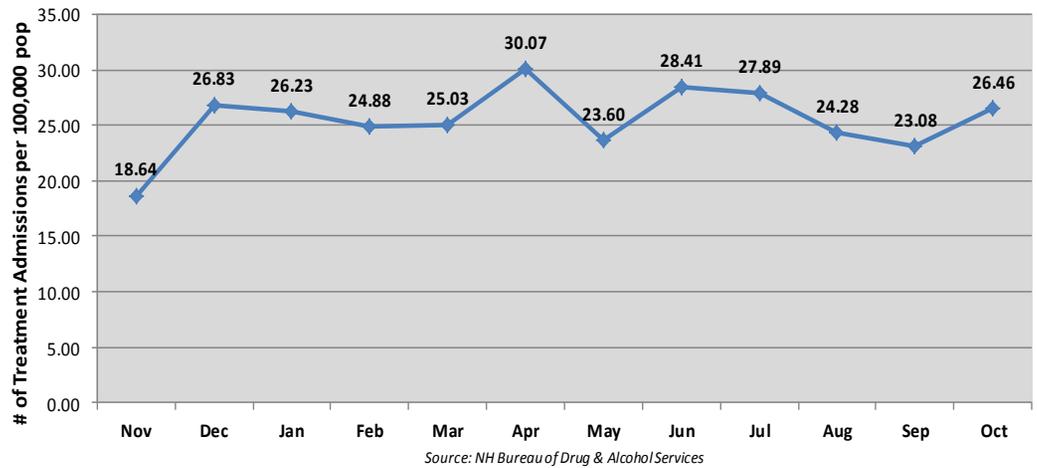
**Trends:**

- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions increased by 15% from September to October.
- In October residents from Hillsborough and Belknap County were admitted most often for opioid/opiate treatment per capita with 2.00 and 1.99 admissions per 10,000 population respectively.
- More males than females were admitted to treatment programs in October for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions increased by 64% from September to October.
- Cocaine/Crack treatment admissions increased by 47% from September to October.
- Heroin/Fentanyl treatment admissions increased by 10% from September to October.

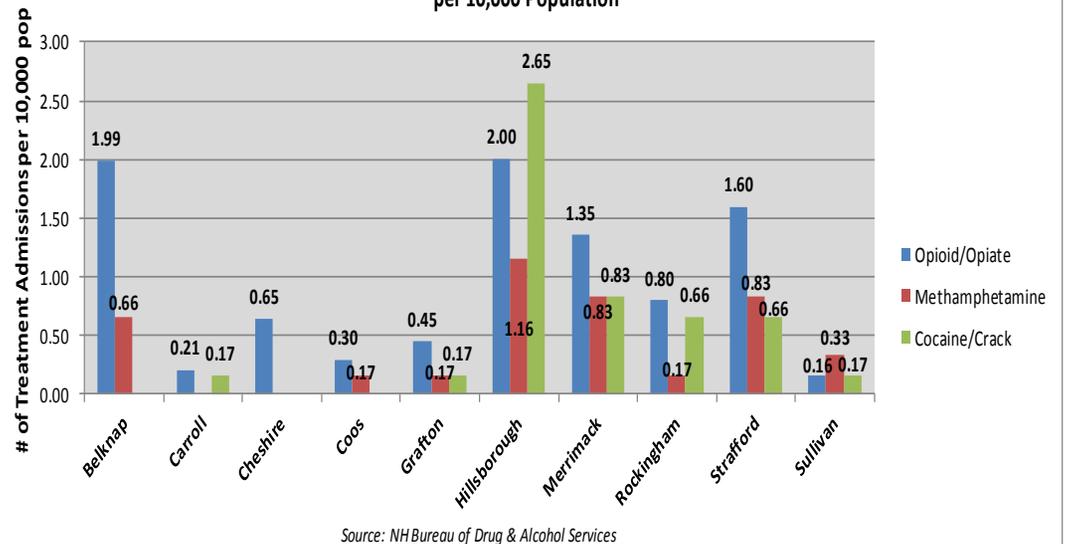
**\*\*\* IMPORTANT DATA NOTES \*\*\***

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

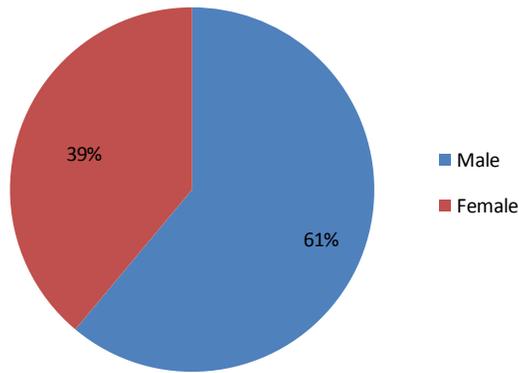
Opioid/Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by Month per 100,000 Population  
November 2016 - October 2017



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



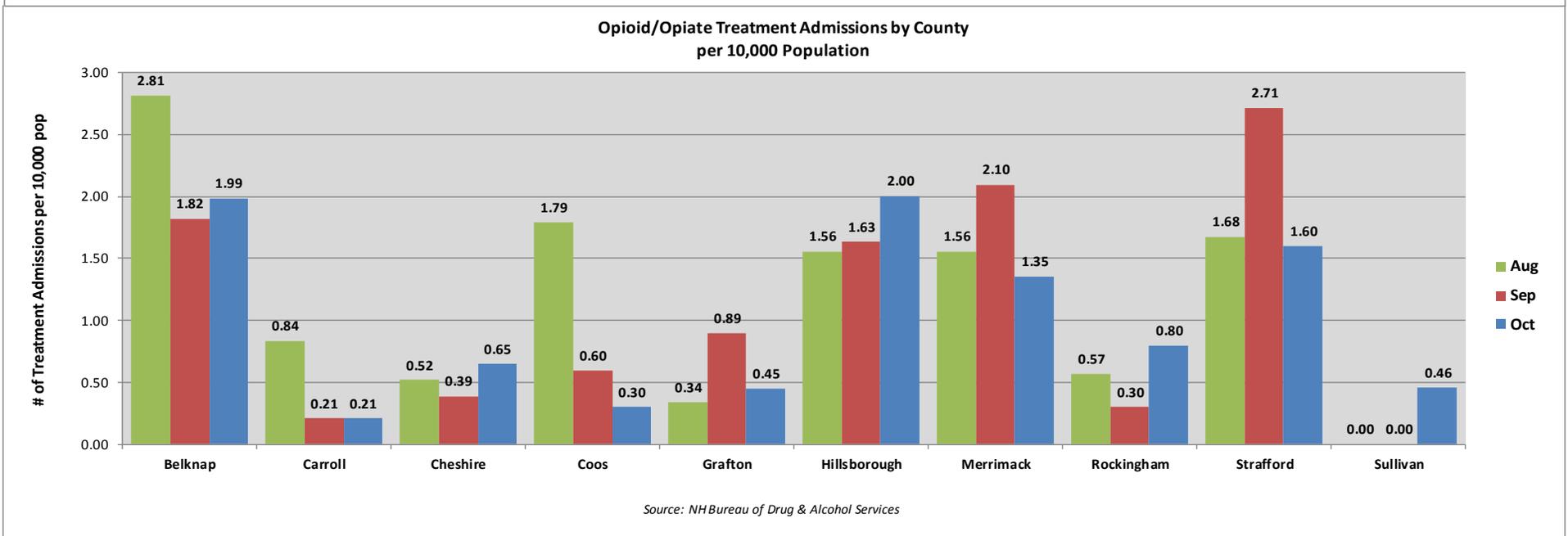
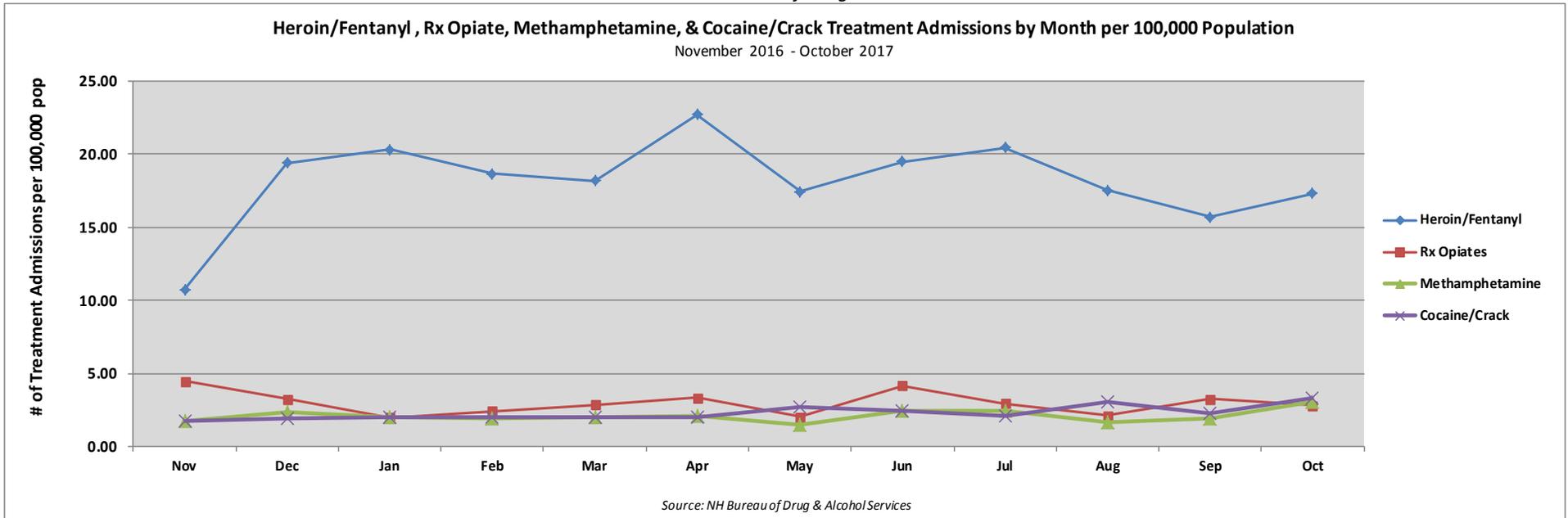
October Treatment Admissions by Gender



Source: NH Bureau of Drug & Alcohol

**Treatment Admissions (Continued):**

Data Source: NH Bureau of Drug & Alcohol Services



**Situational Awareness:**



**Fentanyl Safety Recommendations for First Responders:**

The increased prevalence of fentanyl and other synthetic opioids in the illicit drug market means that first responders need to understand how to protect themselves from exposure in the field. Law enforcement, fire, rescue, and emergency medical services (EMS) personnel must balance safety with mobility and efficiency when responding to scenes where the presence of fentanyl is suspected.

The Fentanyl Safety Recommendations for First Responders provides unified, scientific, evidence –based recommendations to first responders so they can protect themselves when the presence of fentanyl is suspected during the course of their daily activities such as responding to overdose calls and conducting traffic stops, arrests, and searches.

The Recommendations do not comprehensively address all scenarios. Other activities may require additional protective actions such as when conducting field testing, executing search warrants, collecting, transporting, and storing evidence, conducting special operations such as hazardous material incident response, executing search warrants on opioid-related processing or distribution sites, or participating in other tactical operations.

Source: *Open Source: Fentanyl Safety Recommendations for First Responders*—<https://www.whitehouse.gov/ondcp/key-issues/fentanyl>

# NEW HAMPSHIRE SAFE STATIONS

Manchester Safe Station Began 5/4/2016—Nashua Safe Station Began 11/17/2016

	Manchester	Nashua
As of:	11/24/2017	11/17/2017
• Number of requests at MFD/NFR for Safe Station:	2729	1170
• Number of participants transported to Hospitals:	549	122
• Number of participants taken to HOPE in NH:	347	N/A
• Number of participants taken to Serenity Place:	1820	N/A
• Number of participants seen for ODs prior to seeking SS Help:	349	231
• Average Length of Time MFD/NRF Company “Not Available”:	14 min	11 min
• Number of <u>UNIQUE</u> participants:	1653	694
• Number of <u>REPEAT</u> participants:	473	218
• Age Range of Participants:	16-70	18-73

**Bill on Border Opioid Screening Devices Passes House**

A bill that would give U.S. Customs and Border Protection the latest chemical screening devices to detect fentanyl and other synthetic opioids imported into the country passed the House of Representatives on 10/24/17.

The International Narcotics Trafficking Emergency Response By Detecting Incoming Contraband with Technology Act, or INTERDICT, authored by Rep. Niki Tsongas, D-Lowell, and Rep. Brian Fitzpatrick, R-Pennsylvania, passed by a vote of 412 to 3, according to a press release from Tsongas’ office.

The bill ensures that CBP will have new chemical screening devices that can detect fentanyl at all ports of entry, mail and express consignment facilities throughout the country, according to the release. In addition, the legislation authorizes the appropriation of \$9 million for new screening devices, laboratory equipment , facilities and personnel for support at all hours.

Source: [www.lowellsun.com](http://www.lowellsun.com)

**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](#).