



# New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

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September 2018 Report

26 October 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.

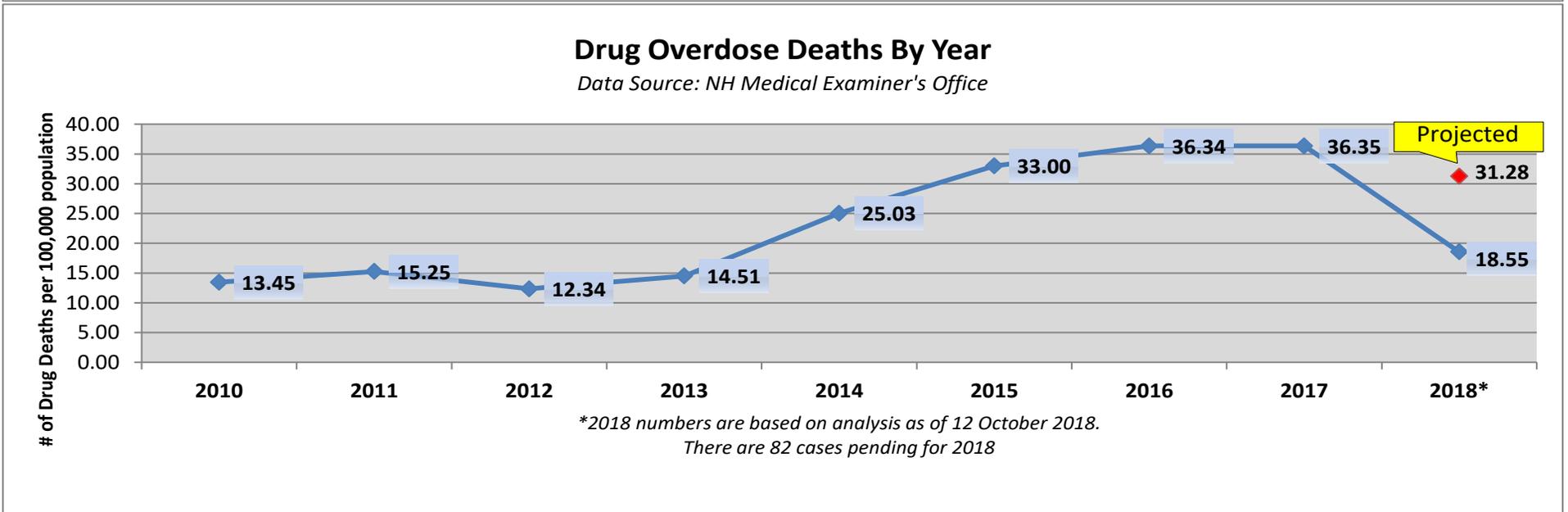
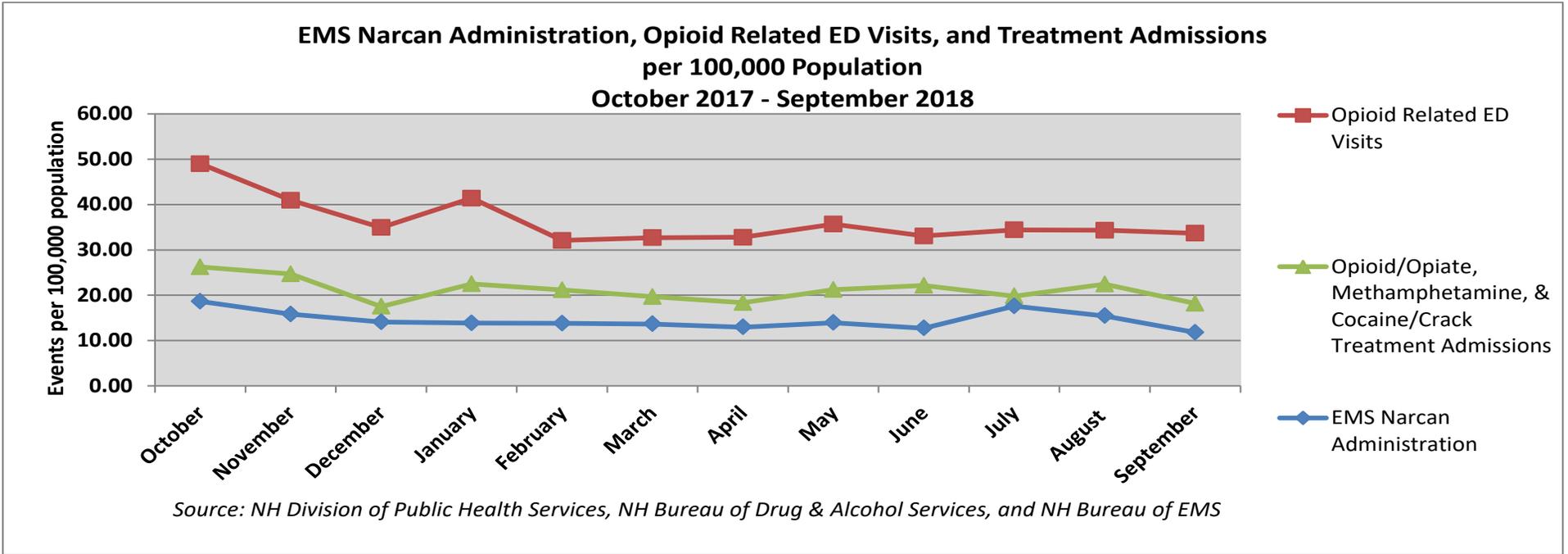
## Drug Environment Report—UNCLASSIFIED

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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/osi/data-center/population-estimates.htm>
- Year/month overview charts are based on annual estimates from the above website. County charts are based on a 2017 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

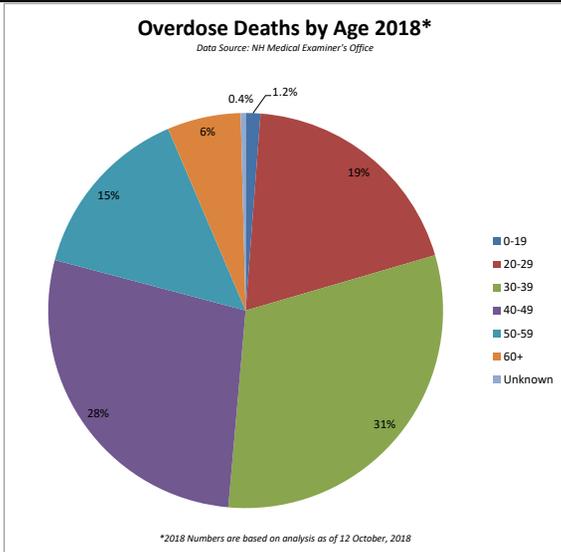
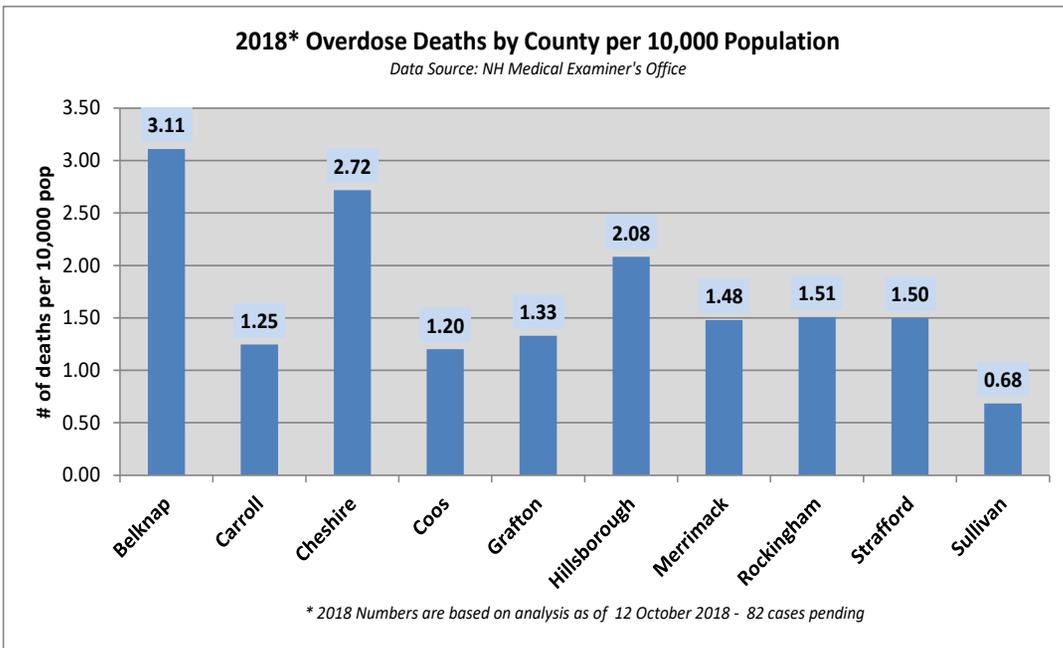
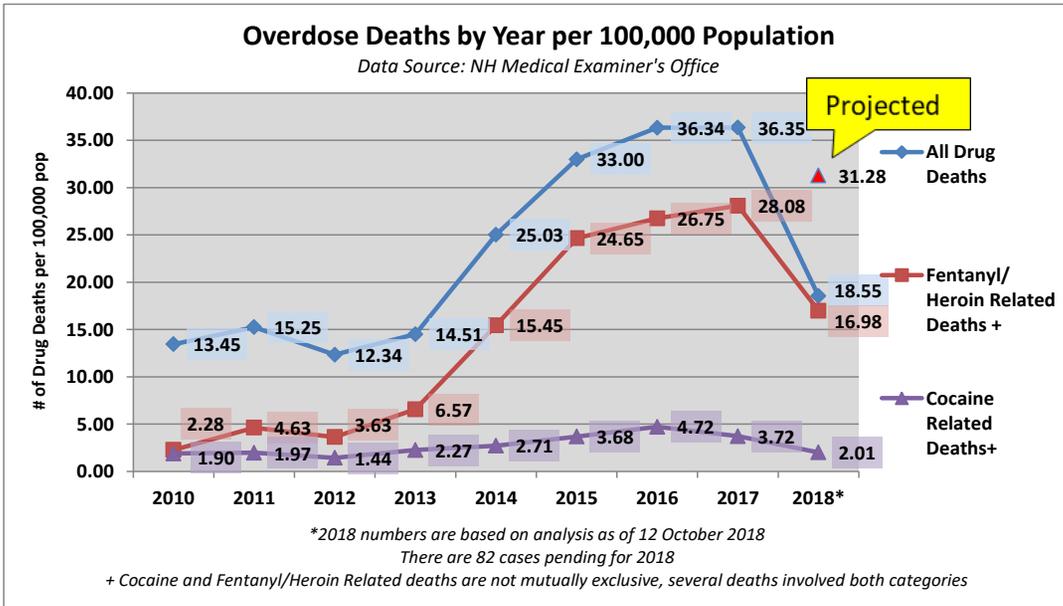
Right click on the paperclip and select "Open File" to view additional data.

**Trends:**

- At this time, there are 249 confirmed drug overdose deaths and 82 cases pending toxicology for 2018.
- In 2018 thus far, Belknap County has the highest suspected drug use resulting in overdose deaths per capita at 3.11 deaths per 10,000 population.
- Cheshire County had the next highest suspected drug use resulting in overdose deaths per capita at 2.72 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 2018.

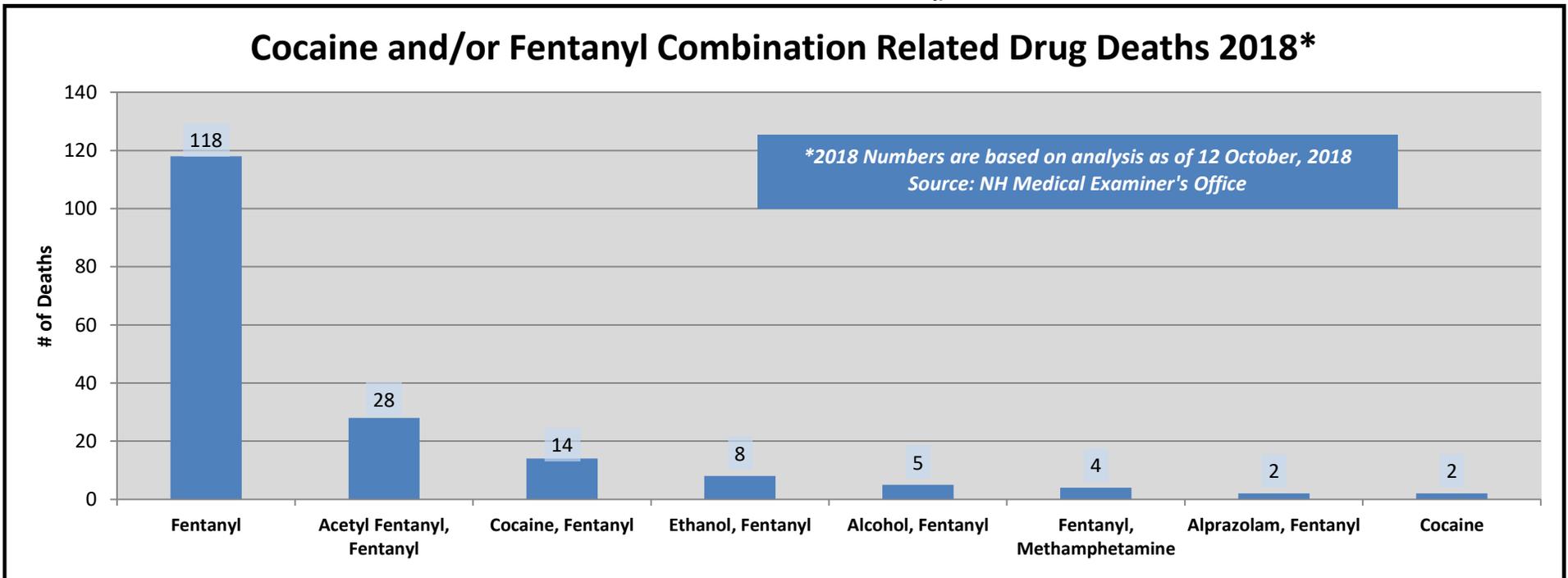
**\*\*\* IMPORTANT DATA NOTES \*\*\***

- 2018 Total numbers are based on analysis as of 12 October 2018.
- 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 and/or Fentanyl Combination Related Drug Deaths that were noted once**

4-ANPP, Acetyl Fentanyl, Fentanyl, Parafluoroisobutyrylfentanyl	Alcohol, Amphetamines, Fentanyl	Amitriptyline, Clonazepam, Diazepam, Fentanyl	Clonazepam, Cocaine, Fentanyl, Phenobarbital	Duloxetine, Ethanol, Fentanyl, Hydromorphone
Acetyl Fentanyl, Amphetamines, Clonazepam, Fentanyl	Alcohol, Chlorpheniramine, Fentanyl	Amphetamines, Buprenorphine, Fentanyl, Hydroxyzine,	Clonazepam, Fentanyl	Fentanyl, MDMA, Methamphetamine
Acetyl Fentanyl, Cocaine, Fentanyl	Alcohol, Cocaine, Fentanyl	Amphetamines, Fentanyl	Cocaine, Diazepam, Oxazepam	Fentanyl, Methamphetamine, Methylendioxyamphetamine
Acetyl Fentanyl, Diazepam, Ethanol, Fentanyl	Alcohol, Fentanyl, Quetiapine, Sertraline	Amphetamines, Fentanyl, Hydromorphone	Cocaine, Duloxetine, Fentanyl	Fentanyl, Mitragynine
Acetyl Fentanyl, Ethanol, Fentanyl	Alprazolam, Amphetamines, Cocaine, Fentanyl, Morphine	Buprenorphine, Cocaine	Cocaine, Ethanol, Diphenhydramine	Fentanyl, Morphine
Acetyl Fentanyl, Fentanyl, Methadone	Alprazolam, Buprenorphine, Fentanyl, Lorazepam, Oxycodone	Buprenorphine, Diphenhydramine, Fentanyl	Cocaine, Ethanol, Fentanyl	Fentanyl, Oxycodone
Acetyl Fentanyl, Fentanyl, Methamphetamine	Alprazolam, Cocaine, Fentanyl	Bupropion, Diazepam, Ethanol, Fentanyl	Cocaine, Fentanyl, Hydroxyzine	
Acetyl Fentanyl, Fentanyl, Mitragynine	Alprazolam, Fentanyl, Hydrocodone	Bupropion, Fentanyl, Olanzapine	Diazepam, Fentanyl, Methamphetamine	

# Overdose Deaths by Town\* - 2018 +

(Data Source: NH Medical Examiner's Office)

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

+2018 data was reported on October 12, 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.  
 82 cases pending



Prepared by:  
 NH Information & Analysis Center

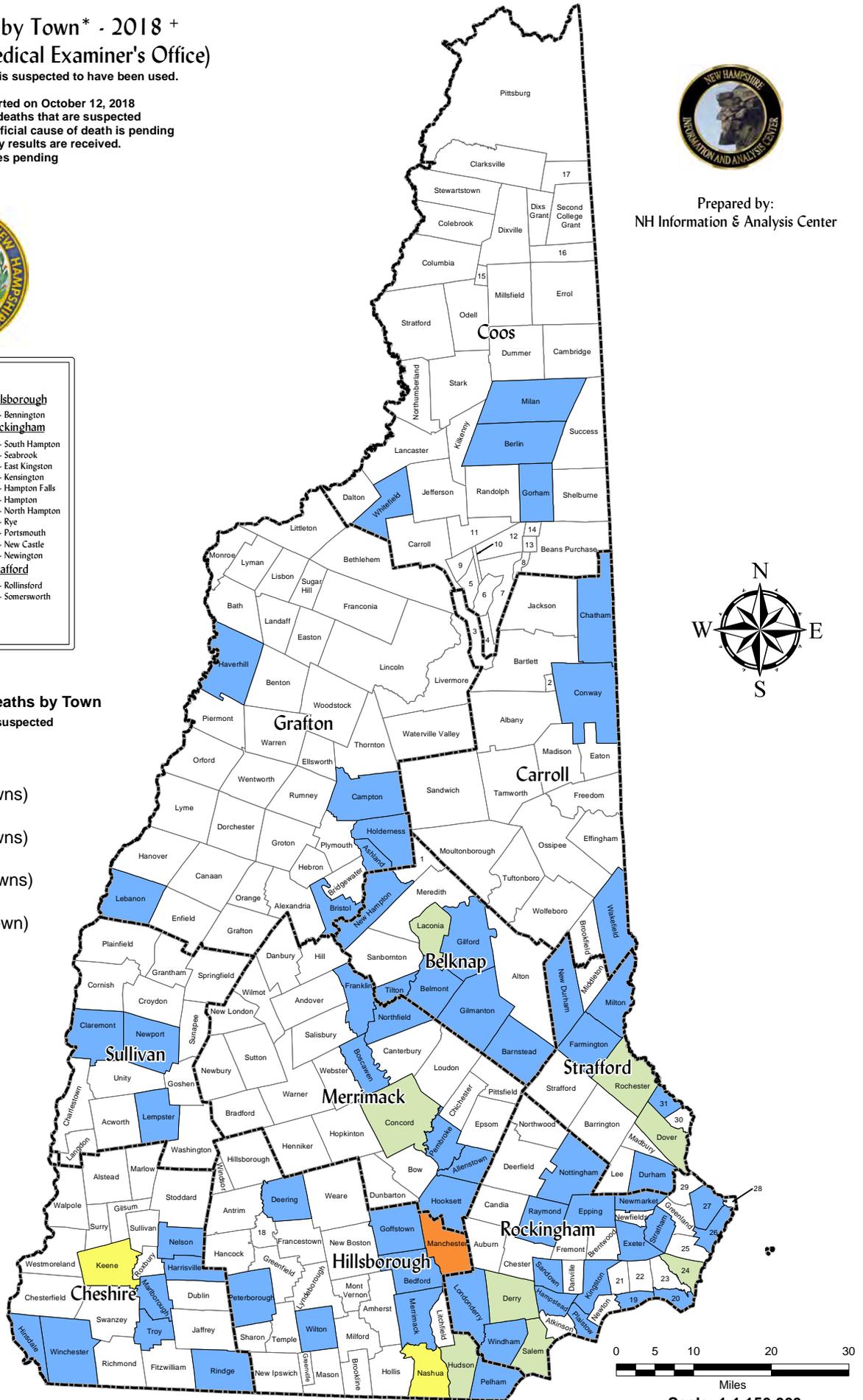


**INDEX**

<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
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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)

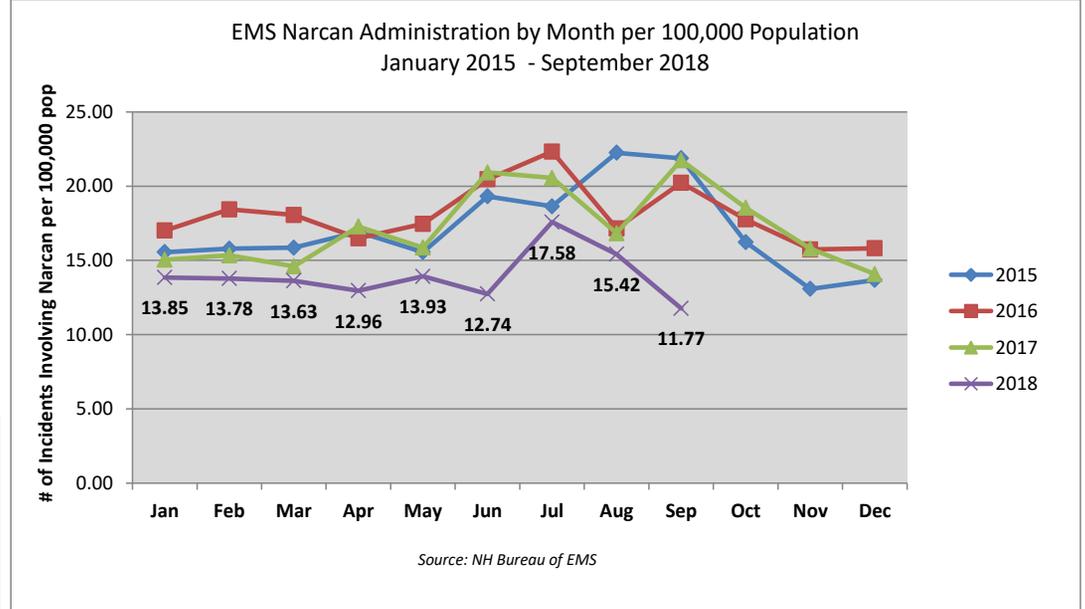
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**Trends:**

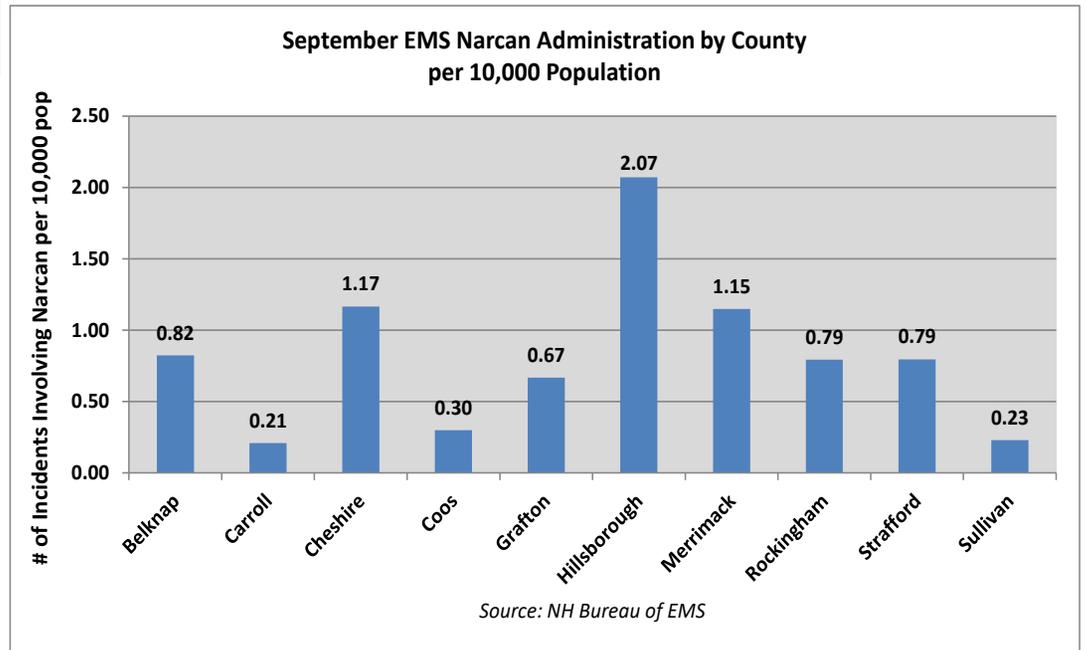
- EMS Narcan administration incidents decreased by 24% from August to September.
- In September, Hillsborough County had the most EMS Narcan administration incidents per capita with 2.07 incidents per 10,000 population.
- Cheshire County had the second highest EMS Narcan administration incidents per capita with 1.17 incidents per 10,000 population.
- The age group with the largest number of EMS Narcan administration incidents was 30-39 which represents 32% of all EMS Narcan administration incidents for September.

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

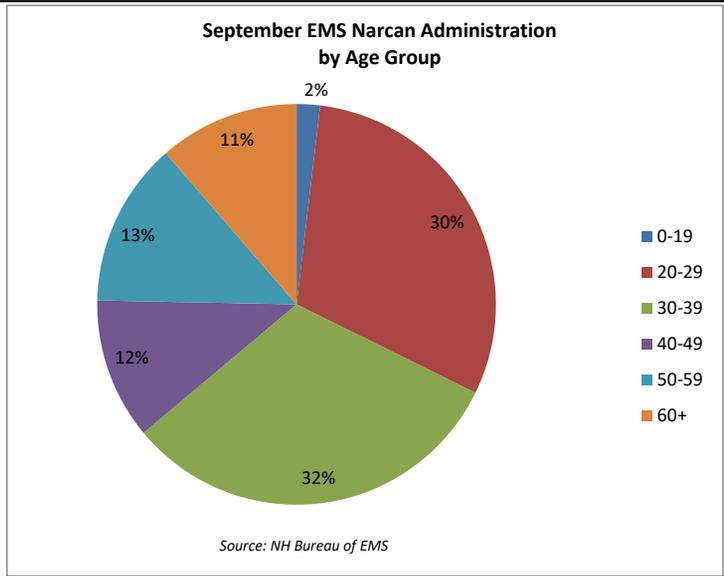
- Narcan data in this report involves the number of incidents where Narcan was administered, NOT the number of doses of Narcan during a certain time period. Multiple doses may be administered during an incident.
- Narcan is administered in cases of cardiac arrest when the cause of the arrest cannot be determined. It therefore cannot be concluded that all of the reported Narcan cases involved drugs.
- Updated Lives Saved data is not available at this time.



Source: NH Bureau of EMS



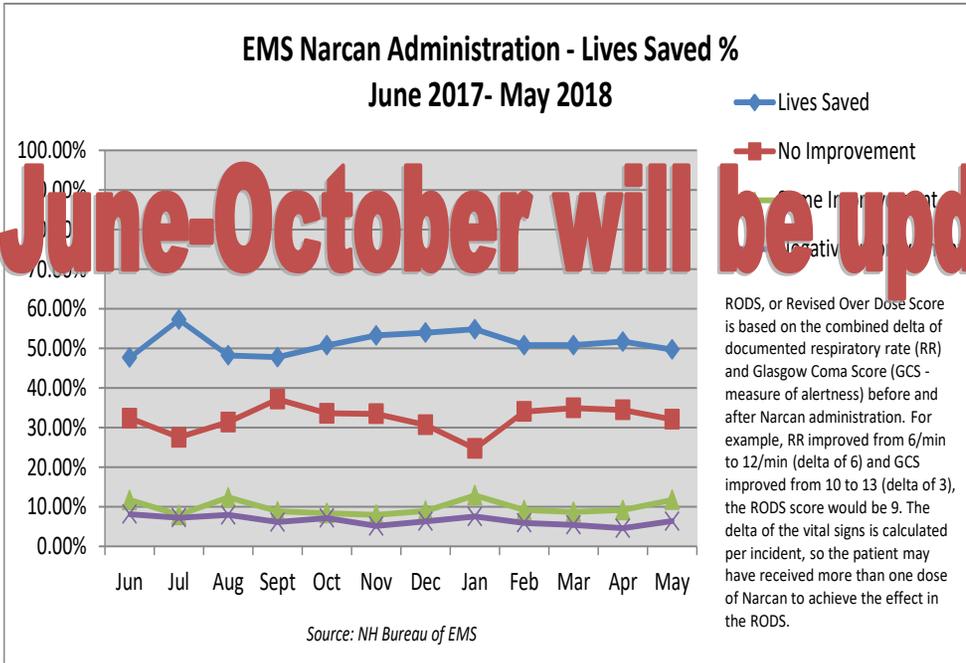
Source: NH Bureau of EMS



Source: NH Bureau of EMS

**EMS Narcan Administration (Continued):**

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

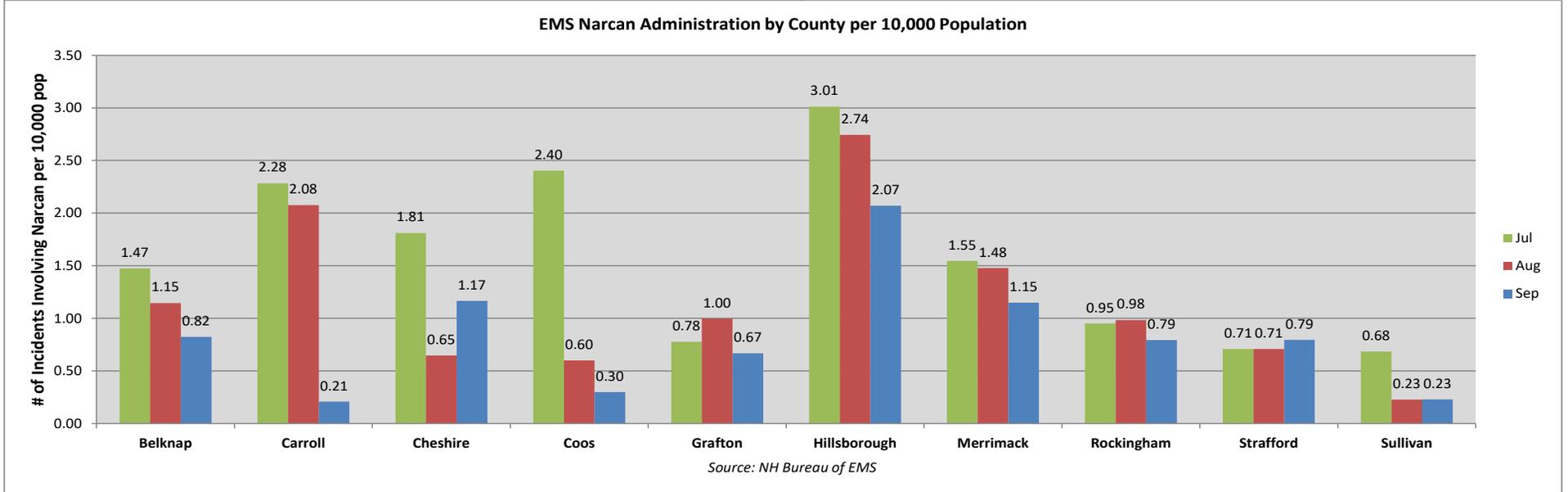


### EMS Narcan Administration—Lives Saved

Source: NH Bureau of EMS

	2017							2018				
RODS Outcome	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
<b>Lives Saved</b>	124	158	189	140	111	113	102	111	94	103	101	103
<b>Some Improvement</b> <i>RODS Score 1 - 7</i>	33	22	28	26	21	17	17	24	17	16	16	22
<b>Negative Improvement</b> <i>Negative RODS Score</i>	23	20	18	18	18	11	12	14	11	10	8	12
<b>Total</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>	<b>174</b>	<b>187</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/Narcarn Administration by Town 10/1/2017 - 9/30/2018

Data Source: New Hampshire Bureau of EMS

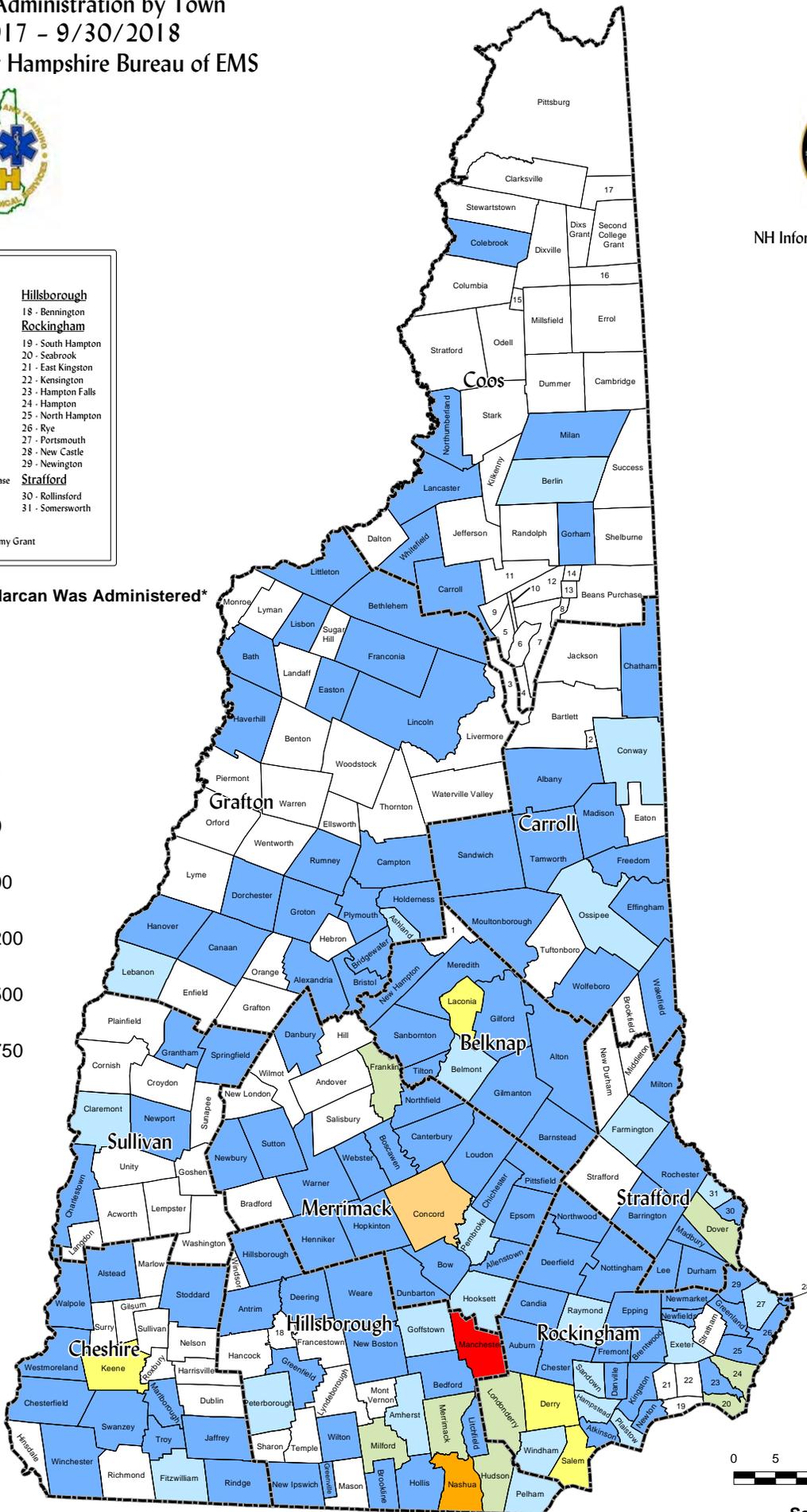
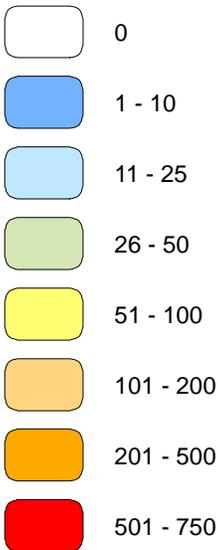


Prepared by:  
NH Information & Analysis Center

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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

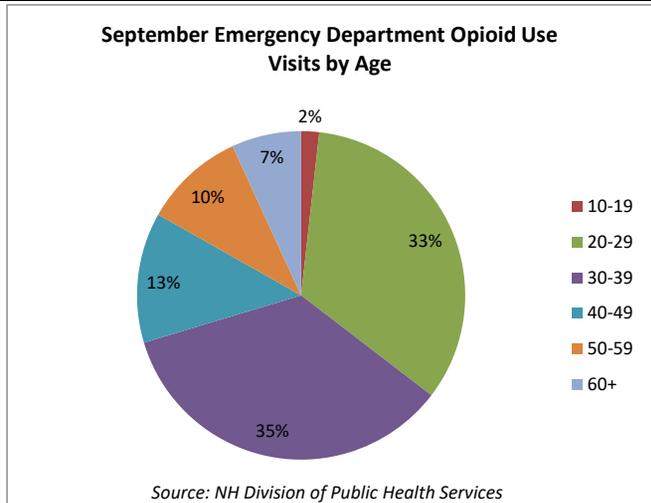
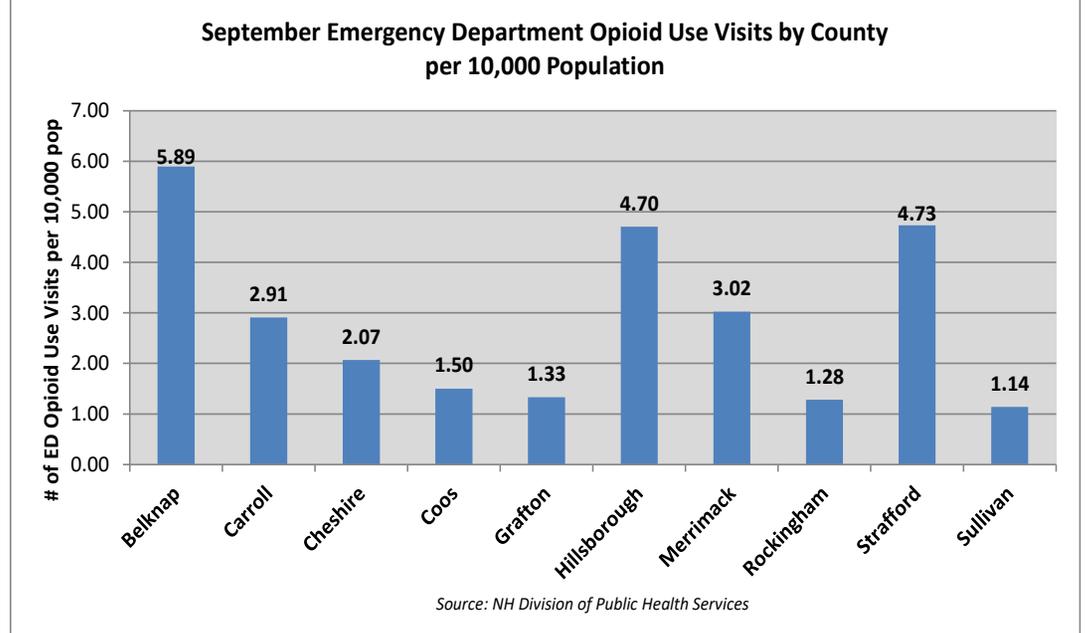
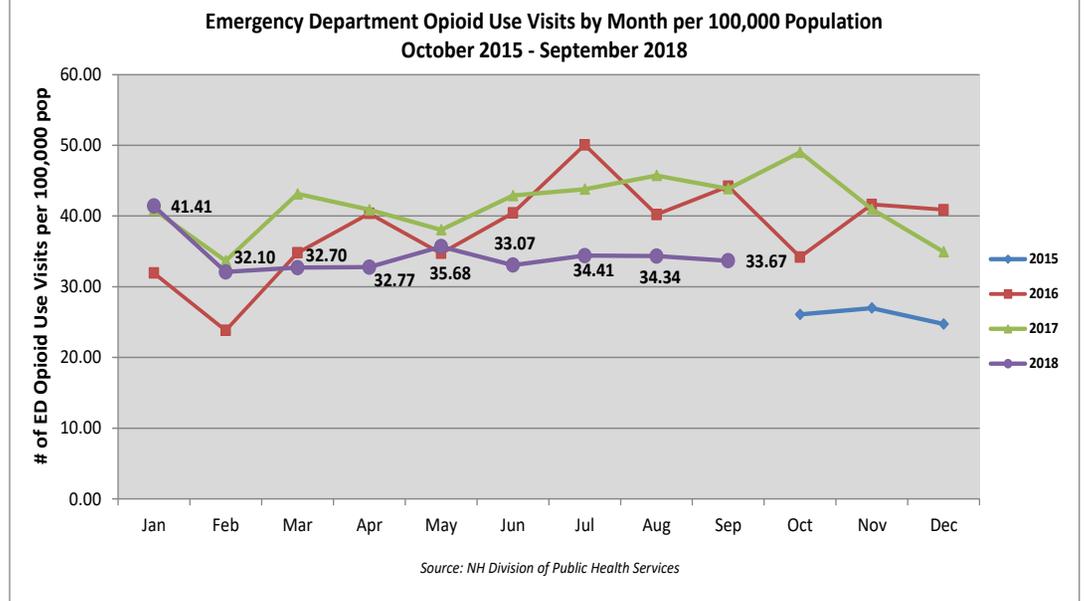
Right click on the paperclip and select "Open File" to view additional data.

**Trends:**

- Opioid related ED visits decreased by 2% from August to September 2018.
- In September residents from Belknap County had the most opioid related ED visits per capita with 5.89 visits per 10,000 population.
- Strafford County and Hillsborough County residents nearly tied for the second highest number of opioid related ED visits per capita with 4.73 and 4.70 visits per 10,000 population, respectively.
- The age group with the largest number of opioid related ED visits was 30-39 with 35% of all opioid related ED visits for September.

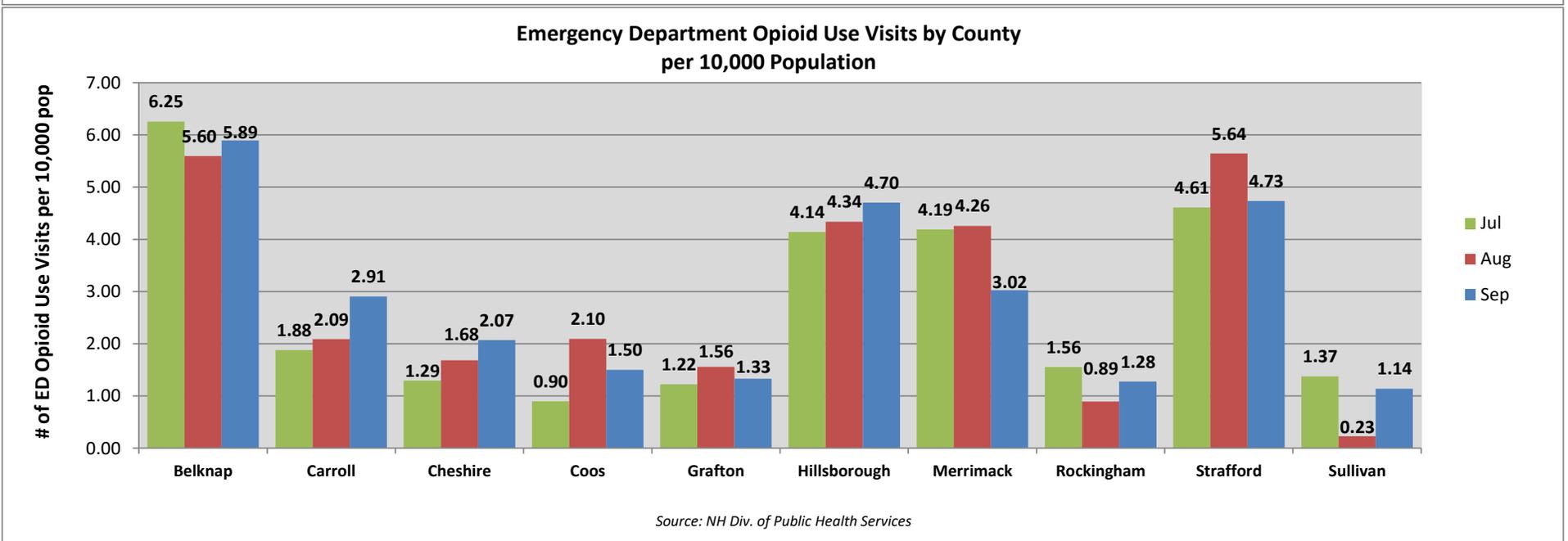
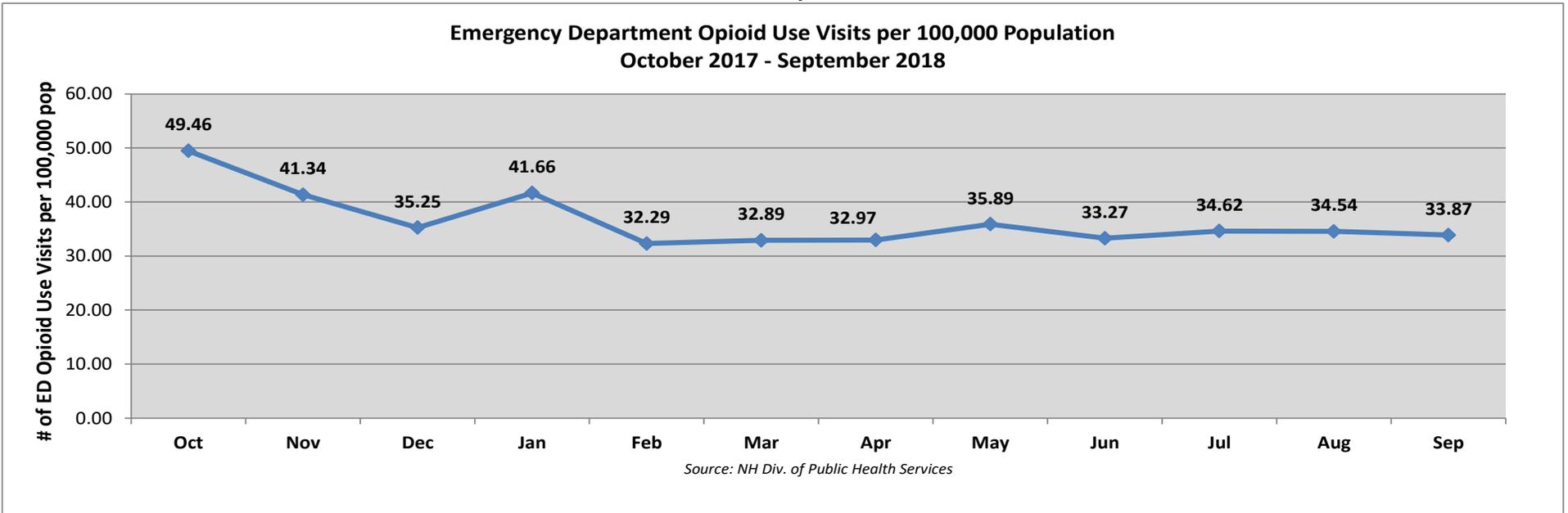
**\*\*\* IMPORTANT DATA NOTES \*\*\***

- 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:**

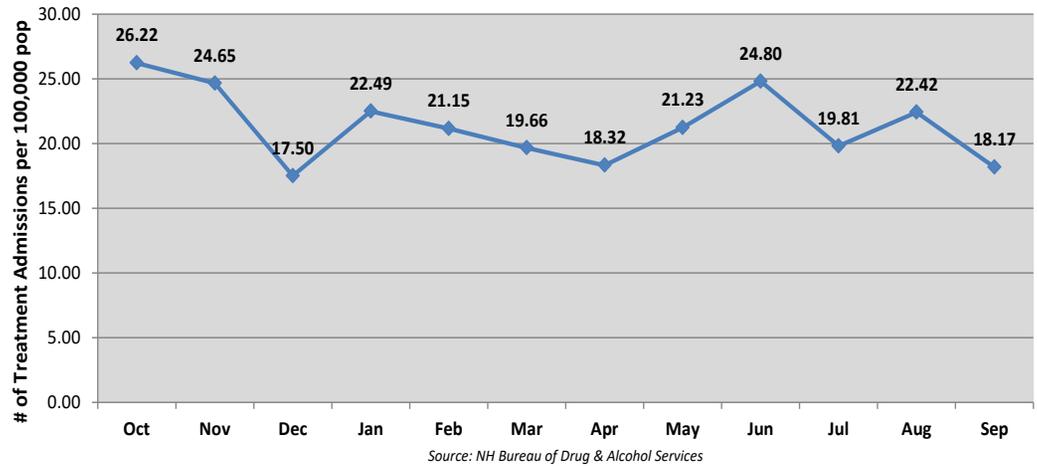
Data Source: NH Bureau of Drug & Alcohol Services

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

**Trends:**

- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions decreased by 18% from August to September.
- In September, residents from Strafford County were admitted most often for opioid/opiate treatment per capita with 1.34, followed by Hillsborough County with 1.13 admissions per 10,000 population.
- More males than females were admitted to treatment programs in September for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions increased by 48% from August to September.
- Cocaine/Crack treatment admissions increased by 19% from August to September.
- Heroin/Fentanyl treatment admissions decreased by 27% from August to September.

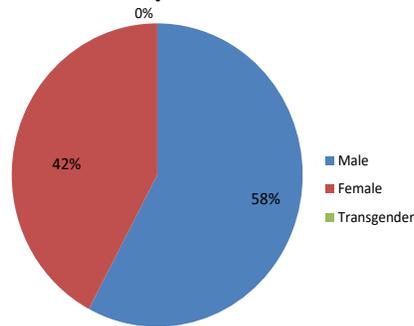
Opioid/Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by Month per 100,000 Population  
October 2017- September 2018



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

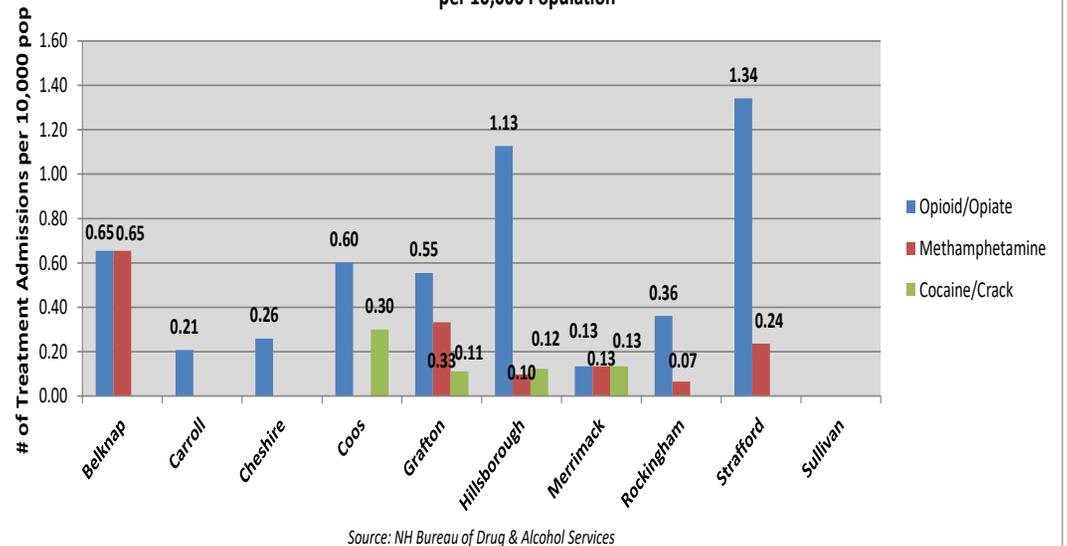
- County represents where a patient resides.
- Data represents treatment admissions to state funded facilities.
- Data has decreased due to numerous factors. The Affordable Care Act has been fully implemented, resulting in increased access to affordable health insurance and coverage for substance use disorder treatment in NH. New Hampshire

September Treatment Admissions by Gender



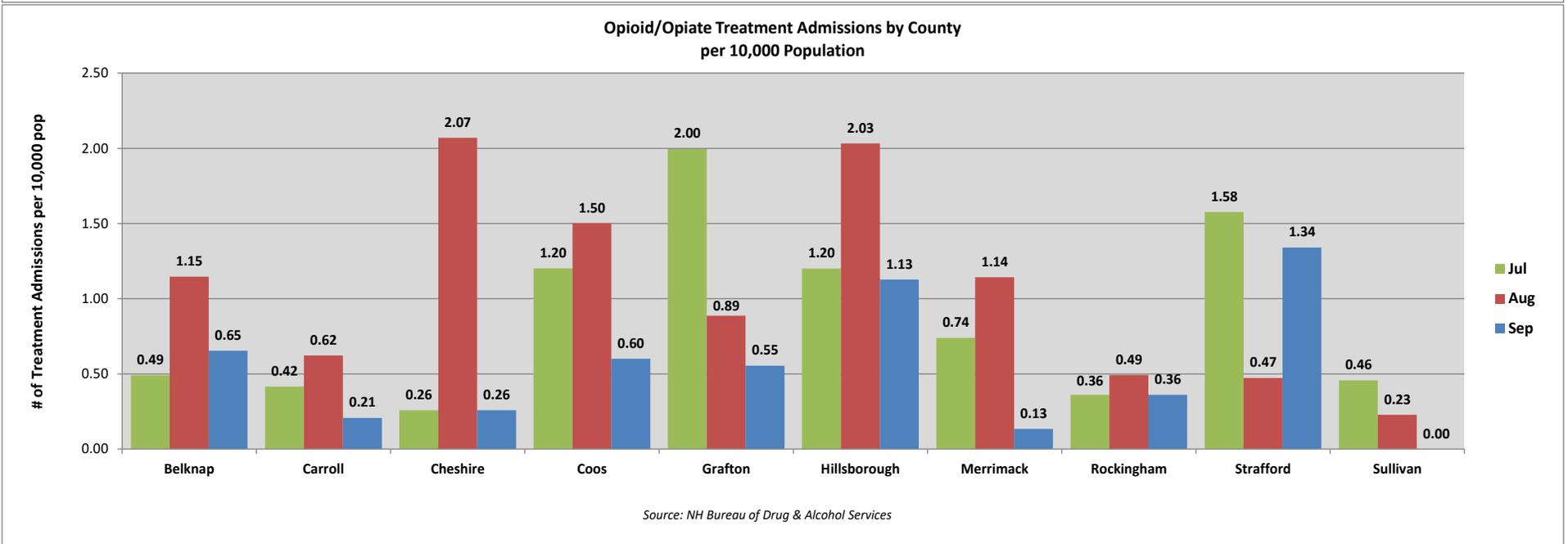
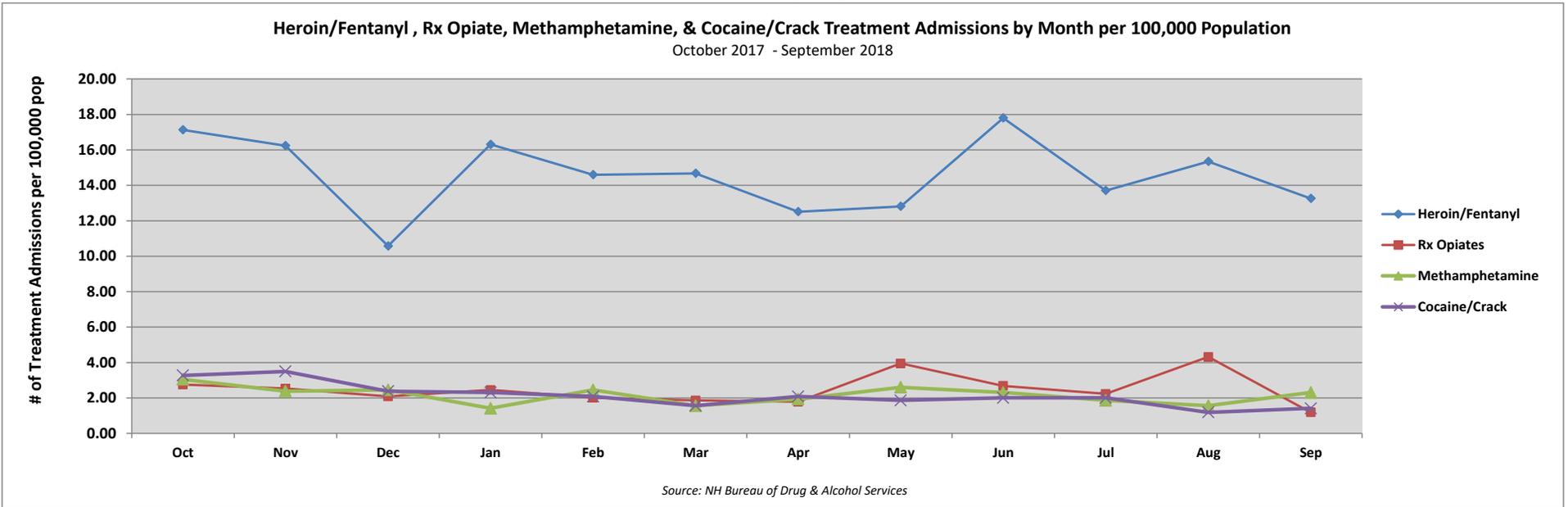
expanded its Medicaid program, which also provided increased opportunities for substance use disorder treatment in the state. Substance use disorder treatment in the state has increased sharply in response to these policies which has shifted clients served by State of New Hampshire contracted treatment providers to other payment models and facilities.

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



**Treatment Admissions (Continued):**

Data Source: NH Bureau of Drug & Alcohol Services



**Situational Awareness:**



**Rochester Fentanyl Bust May Be County's Biggest Ever**

Federal authorities have arrested a Rochester man for allegedly running a multimillion-dollar fentanyl trafficking operation that local officials say could be the largest in Strafford County's history.

Local drug task force members and U.S. Drug Enforcement Agency special agents arrested Timothy Lafond, 40, of 29 River St., Apt. B, on Monday and charged him with one felony count of distribution of controlled substances and one felony count of conspiracy to distribute controlled substances, according to federal court records.

During the arrest and execution of search warrants, federal authorities say Lafond was found in possession of roughly 2.88 kilograms of fentanyl, according to an affidavit filed in the the federal case's paperwork. The affidavit states Lafond also allegedly admitted to investigators he buys 1 to 2 kilograms of the controlled drug every two to three days for \$20,000 and distributes it out of an apartment in the Lilac City's downtown.

Federal officials have previously told national news outlets that a kilogram of fentanyl could be worth \$1 million on the street.

Source: [www.fosters.com](http://www.fosters.com) 09/21/2018

# NEW HAMPSHIRE SAFE STATIONS

Manchester Safe Station Began 5/4/2016

Nashua Gateway to Recovery Began 11/17/2016

Manchester

Nashua

As of 10/24/2018

As of 10/24/2018

	Q3 2018	Total	Q3 2018	Total
Number of requests at MFD/NFR for Safe Station:	565	4246	346	2374
Number of participants transported to hospitals:	154	999	38	244
Number of participants taken to Substance Misuse Treatment Facilities:	411	3232	306	2106
Average length of time company "Not Available":	12.2 Min	15.5 Min	8.7Min	10.3 Min
Number of UNIQUE participants:	464	2623	268	1374
Number of REPEAT participants:	290	1770	199	1251
Number of unique participants seen in both City's Safe Station Program	732			

**Latest Data Show 178 Opioid Deaths in State; Kratom Implicated in 2**

Two people in NH died this year after taking a supplement that has prompted warnings from the U.S. Food and Drug Administration.

The FDA issued its latest warnings about Kratom via recent letters to two companies it alleges are marketing Kratom with claims not substantiated by science.

Newly released data from the N.H. Office of the Chief Medical Examiner continue to highlight the toll of opioids, which are causing the lion's share of drug deaths in New Hampshire. Of the 190 fatal overdoses confirmed this year as of Sept. 10 — with the cause of another 90 deaths pending toxicology testing — 178 involved opioids. In nearly all those deaths, fentanyl was at play.

Data also point to the impact of other substances, including Kratom, Methamphetamine and Cocaine, often in combination with opioids.

Source: [www.sentinel-source.com](http://www.sentinel-source.com) 09/14/2018

**Substance Abuse Treatment/Recovery Directory:**

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

**BETHLEHAM**

**North Country Health Consortium  
(NCHC)/ Friendship House**  
262 Cottage St. Suite 230 Bethlehem,  
NH  
Phone: 603-259-3700

**CANAAN**

**HALO Educational Systems**  
44 Roberts Road Canaan, NH  
Phone: 603-359-3321

**CONCORD**

**Concord Hospital**  
250 Pleasant Street, Suite 5400  
Concord, NH  
Phone: 603-225-2711 ext. 2521

**DOVER**

**Southeastern NH Alcohol and Drug  
Abuse Services**  
272 County Farm Road  
Dover, NH  
Crisis Center: 603-516-8181  
Main: 603-516-8160

**DUBLIN**

**Phoenix House Comprehensive  
Addiction Treatment Services**  
3 Pierce Rd. Dublin, NH  
Phone: 603-563-8501 option 1

**FRANKLIN**

**Farnum Center**  
*Ray House (Women)*  
14 Holy Cross Rd. Franklin, NH  
Phone: 603-263-6287

*Webster Place (Men)*

27 Holy Cross Rd. Franklin, NH  
Phone: 603-622-3020

**GILFORD**

**Horizons Counseling Center**  
25 Country Club Road Suite #705  
Gilford, NH  
Phone: 603-524-8005

**KEENE**

**Phoenix House Comprehensive  
Addiction Treatment Services**  
106 Roxbury St. Keene, NH  
Phone: 603-358-4041 option 1

**LEBANON**

**HALO Educational Systems, LLC**  
1 School St. Lebanon, NH  
Phone: 603-359-3321

**Headrest**

12 Church Street  
PO Box 247 Lebanon, NH  
Phone: 603-448-4872

**MANCHESTER**

**Families in Transition - New  
Horizons**  
161 South Beech St. Manchester, NH  
Phone: 603-641-9441 ext. 401

**Farnum Center**

140 Queen City Ave.  
Manchester, NH 03101  
Phone: 603-622-3020

**NASHUA**

**Greater Nashua Council on  
Alcoholism :Keystone Hall**  
12 & 1/2 Amherst St. Nashua, NH  
03063  
Phone: 603-943-7971 Ext. 3

**Greater Nashua Open Doors  
Program**

615 Amherst St. Nashua, NH  
Phone: 603-881-4848

**The Youth Council**

112 W. Pearl St. Nashua, NH  
Phone: 603-889-1090

**PORTSMOUTH**

**Families First of the Greater Seacoast**  
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  
Phone: 603-749-2346

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

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