



# New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

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NHIAC Product #: 2017-3113

**August 2017 Report**

29 September 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

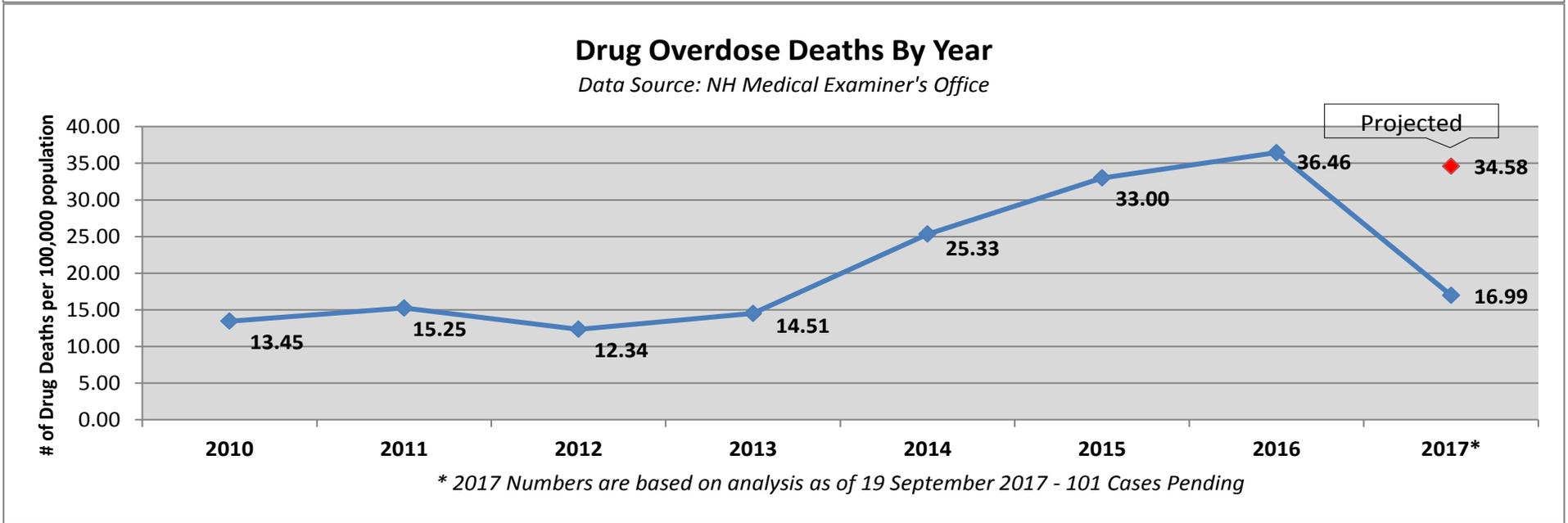
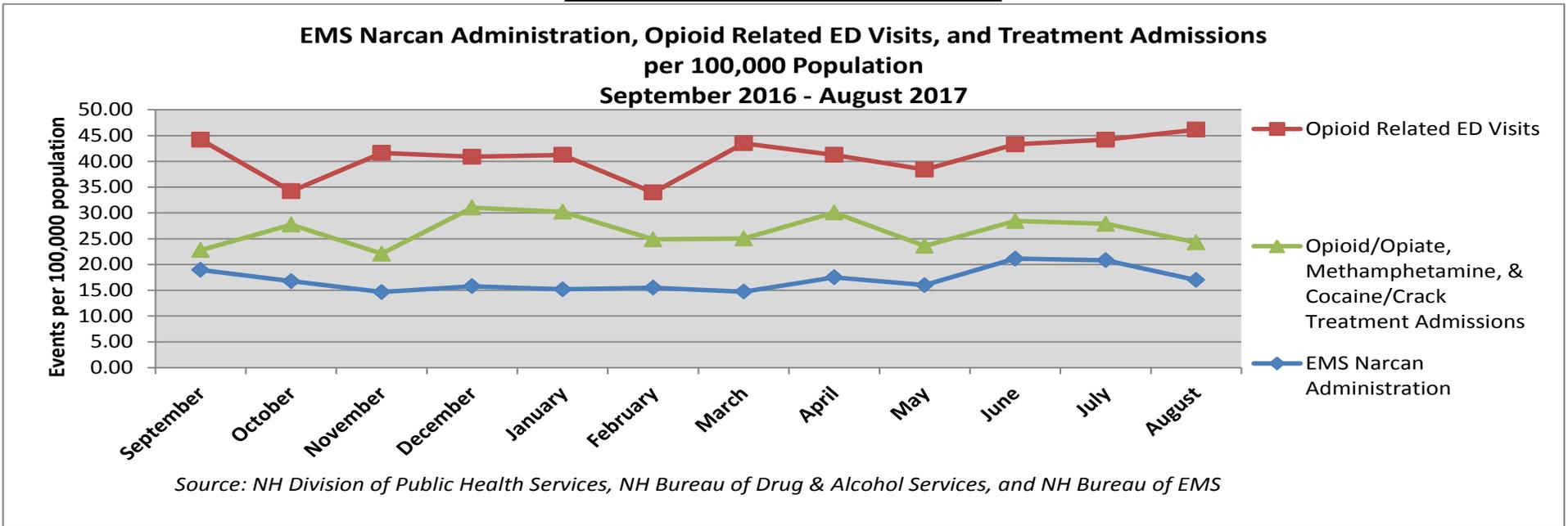
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⇒ Population data source: <http://www.nh.gov/oepp/data-center/population-estimates.htm>

- 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



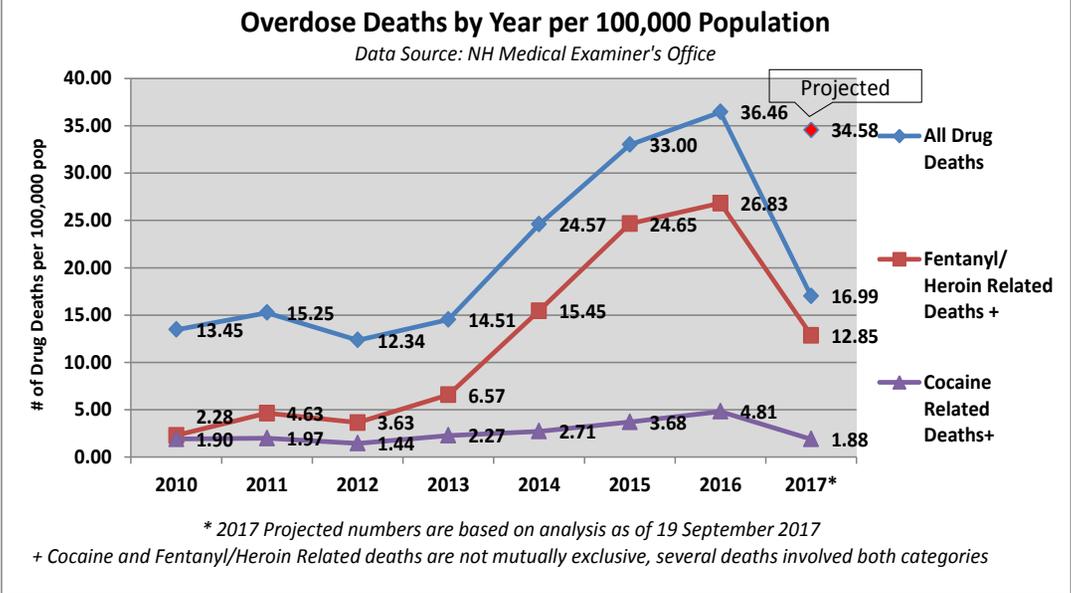
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**Trends:**

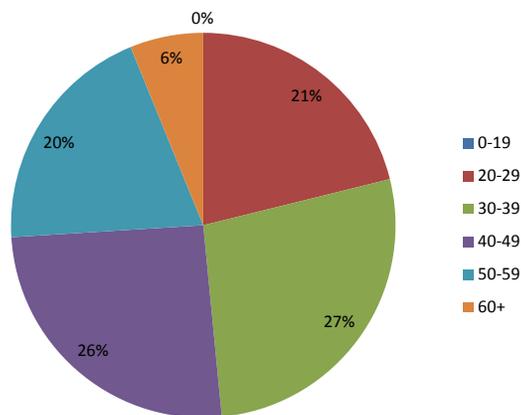
- At this time, drug overdose deaths are projected to decrease by 5% from 2016 to 2017.
- In 2017 thus far, Hillsborough County has the highest suspected drug use resulting in overdose deaths per capita at 2.35 deaths per 10,000 population.
- Strafford County had the next highest suspected drug use resulting in overdose deaths per capita at 1.91 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 on 12 July, 2017 there have been 10 deaths related to the use of carfentanil in 2017.

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

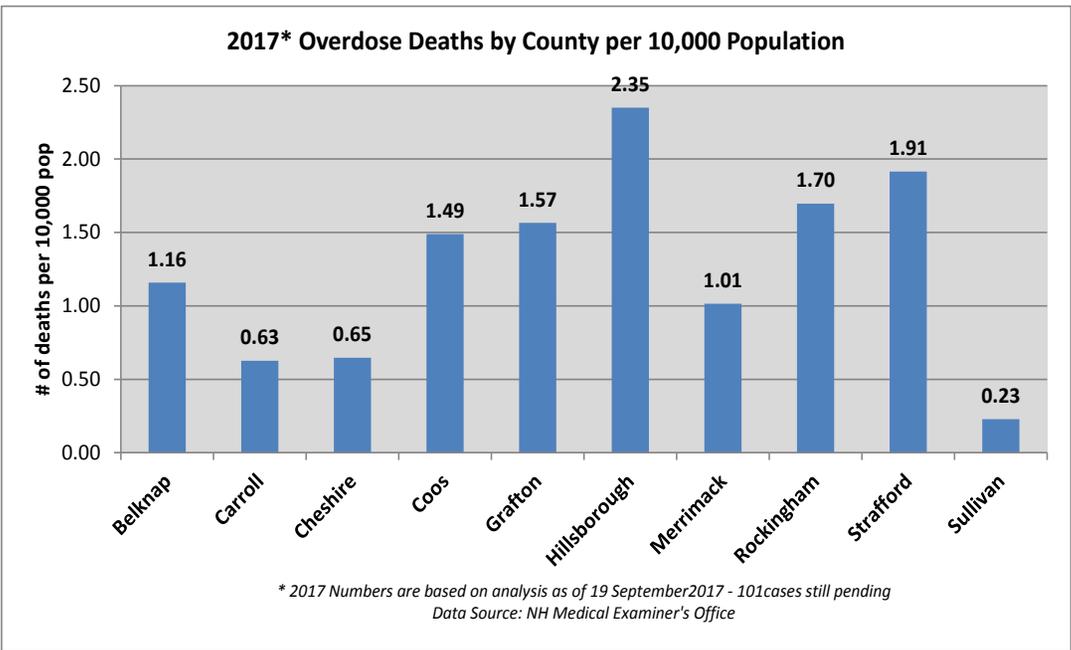
- 2017 Numbers are based on analysis as of 19 September 2017.
- There are currently 101 cases "pending toxicology" for 2017.
- Analysis is based on county where the drug (s) is suspected to have been used.



**Overdose Deaths by Age 2017\***



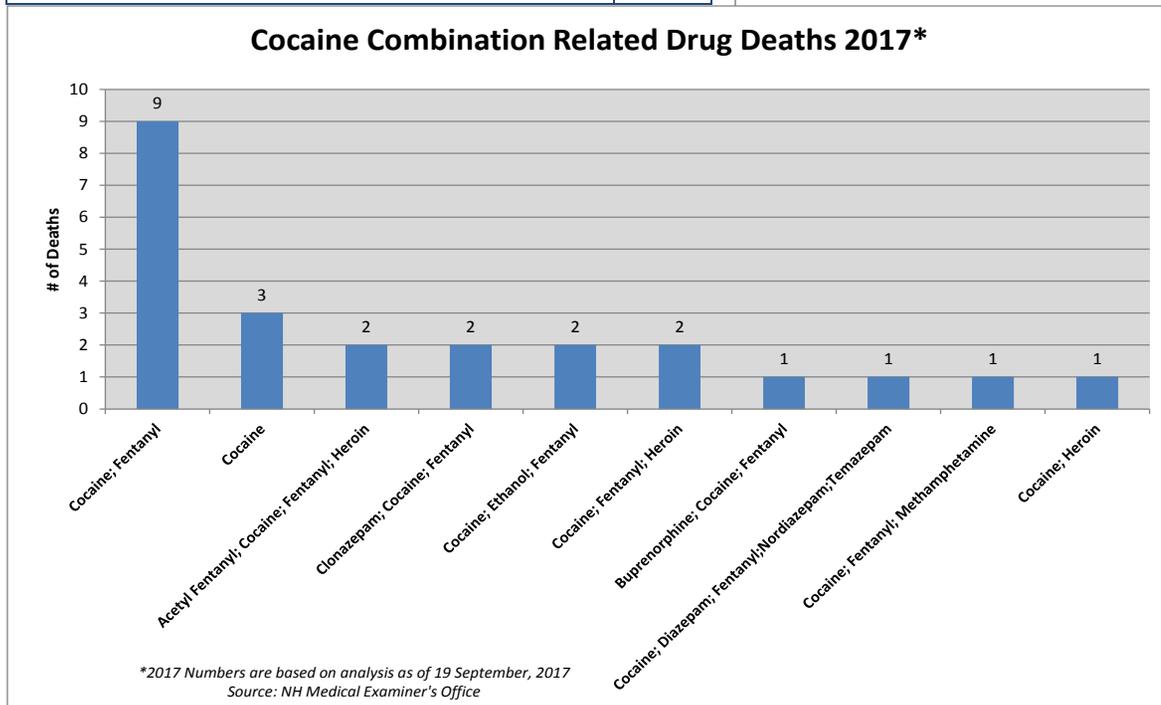
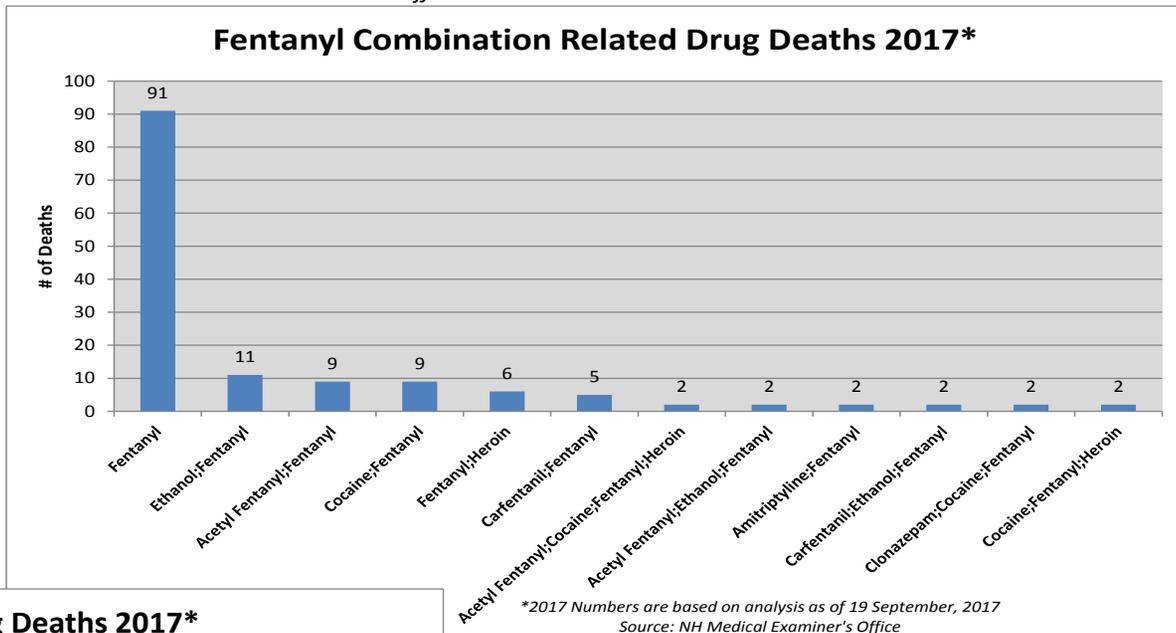
\*2017 Numbers are based on analysis as of 19 September, 2017  
Source: NH Medical Examiner's Office



**Drug Overdose Deaths (Continued):**

Data Source: NH Medical Examiner's Office

Cocaine Combinations	
Cocaine; Fentanyl	9
Cocaine	3
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2
Clonazepam; Cocaine; Fentanyl	2
Cocaine; Ethanol; Fentanyl	2
Cocaine; Fentanyl; Heroin	2
Buprenorphine; Cocaine; Fentanyl	1
Cocaine; Diazepam; Fentanyl; Nordiazepam;	1
Cocaine; Fentanyl; Methamphetamine	1
Cocaine; Heroin	1



Fentanyl Combinations	
Fentanyl	91
Ethanol; Fentanyl	11
Acetyl Fentanyl; Fentanyl	9
Cocaine; Fentanyl	9
Fentanyl; Heroin	6
Carfentanil; Fentanyl	5
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2
Acetyl Fentanyl; Ethanol; Fentanyl	2
Amitriptyline; Fentanyl	2
Carfentanil; Ethanol; Fentanyl	2
Clonazepam; Cocaine; Fentanyl	2
Cocaine; Fentanyl; Heroin	2

# 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 September 19, 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

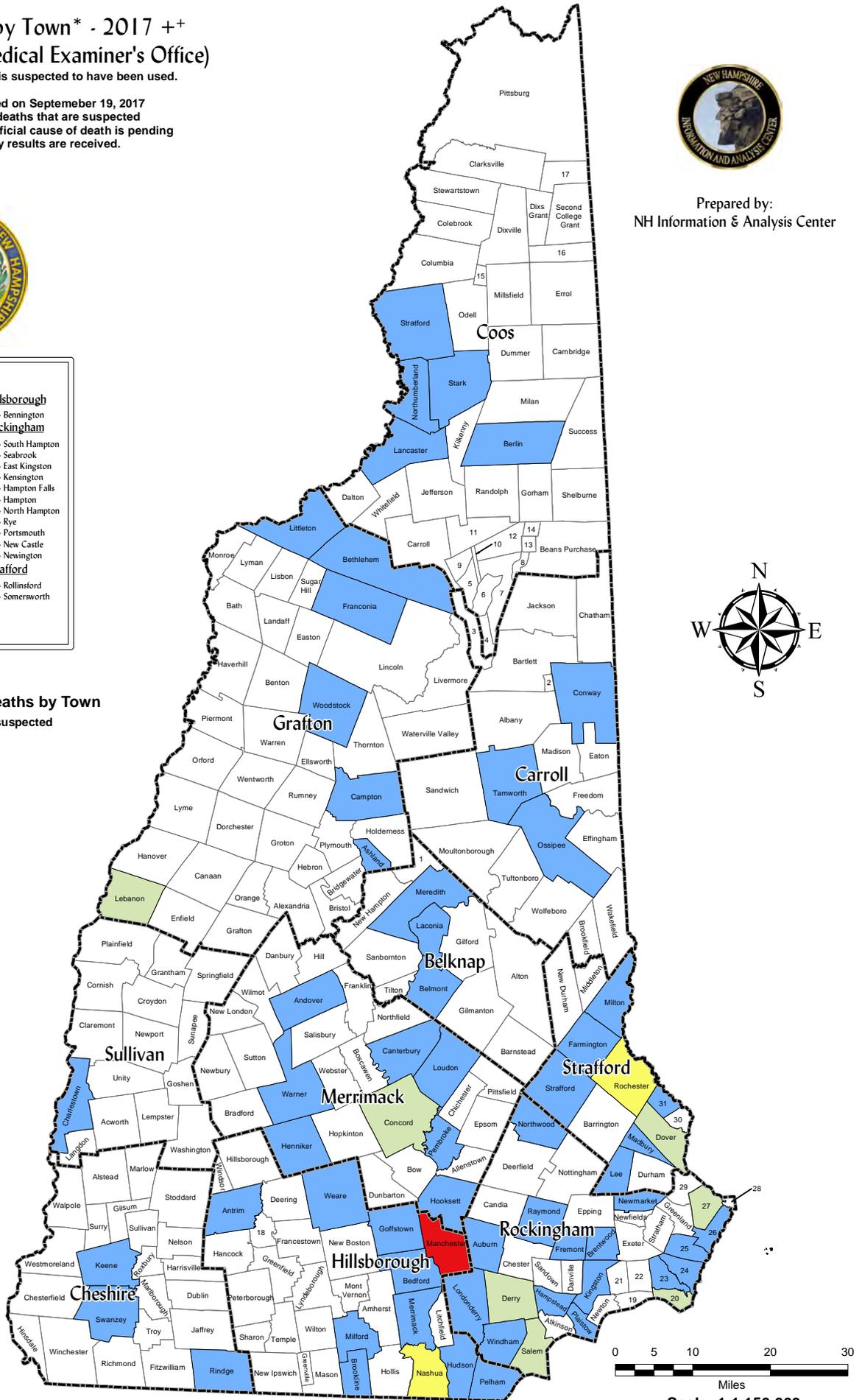
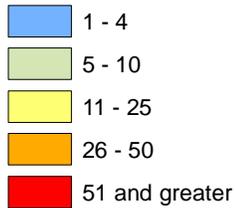


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### Number of Overdose Deaths by Town

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



**EMS Narcan Administration:**

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



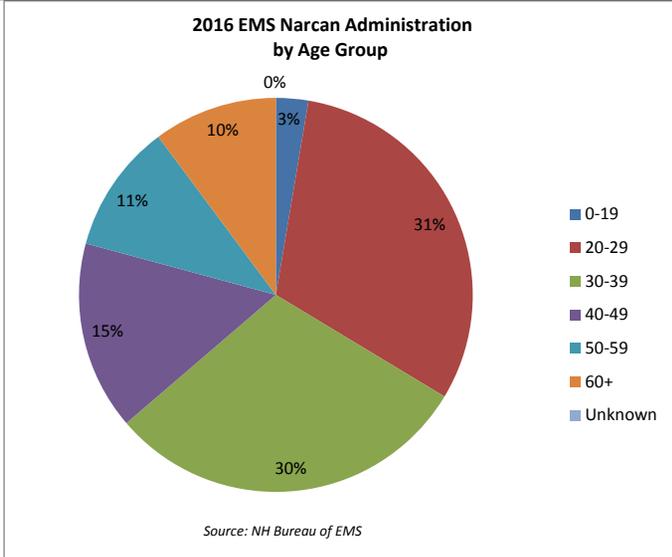
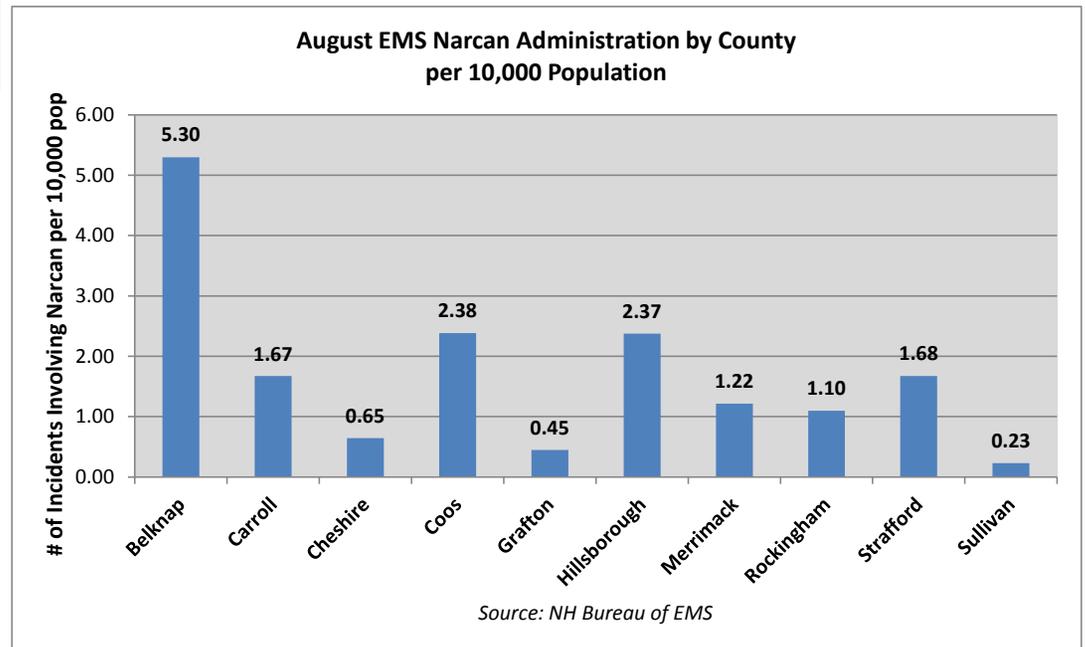
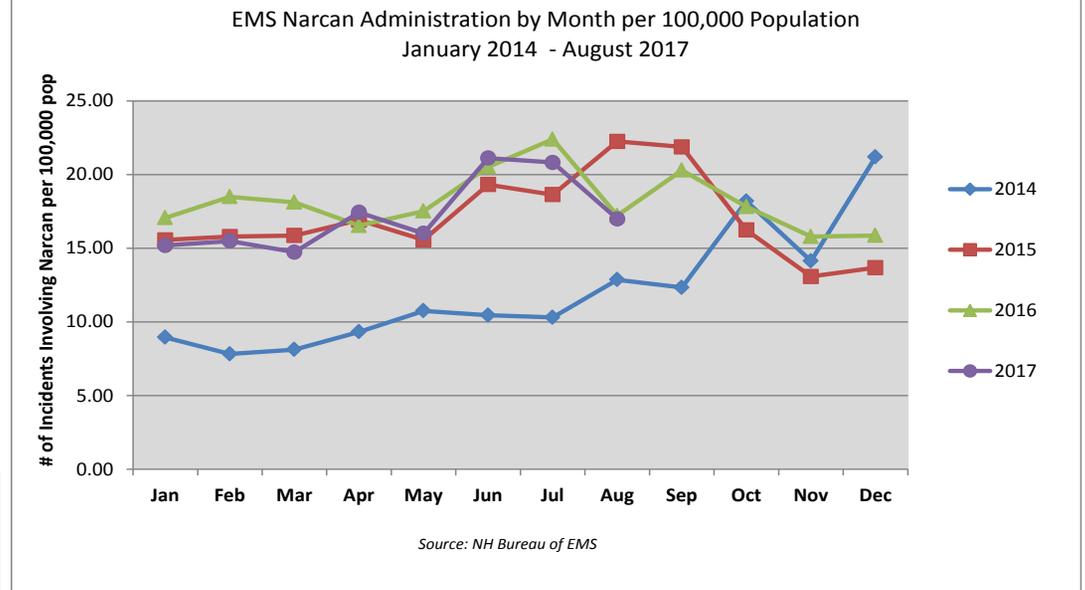
Right click on the paperclip and select "Open File" to view additional data.

**Trends:**

- EMS Narcan administration incidents decreased by 18% from July to August.
- In August Belknap County had the most EMS Narcan administration incidents per capita with 5.30 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 96 incidents in August.
- The age group with the largest number of EMS Narcan administration incidents is 20-29 which represents 31% of all EMS Narcan administration incidents for August.
- NH Bureau of EMS "lives saved" has decreased by 31% from July to August. However, as indicated above the total number of narcan administrations incidents also decreased.

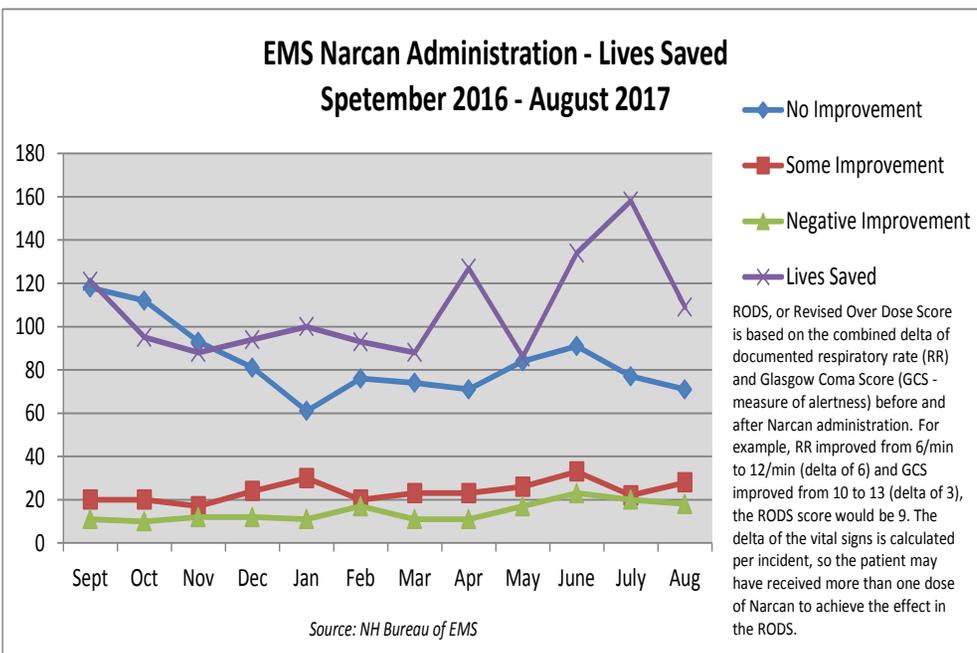
**\*\*\* IMPORTANT DATA NOTES \*\*\***

- 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)

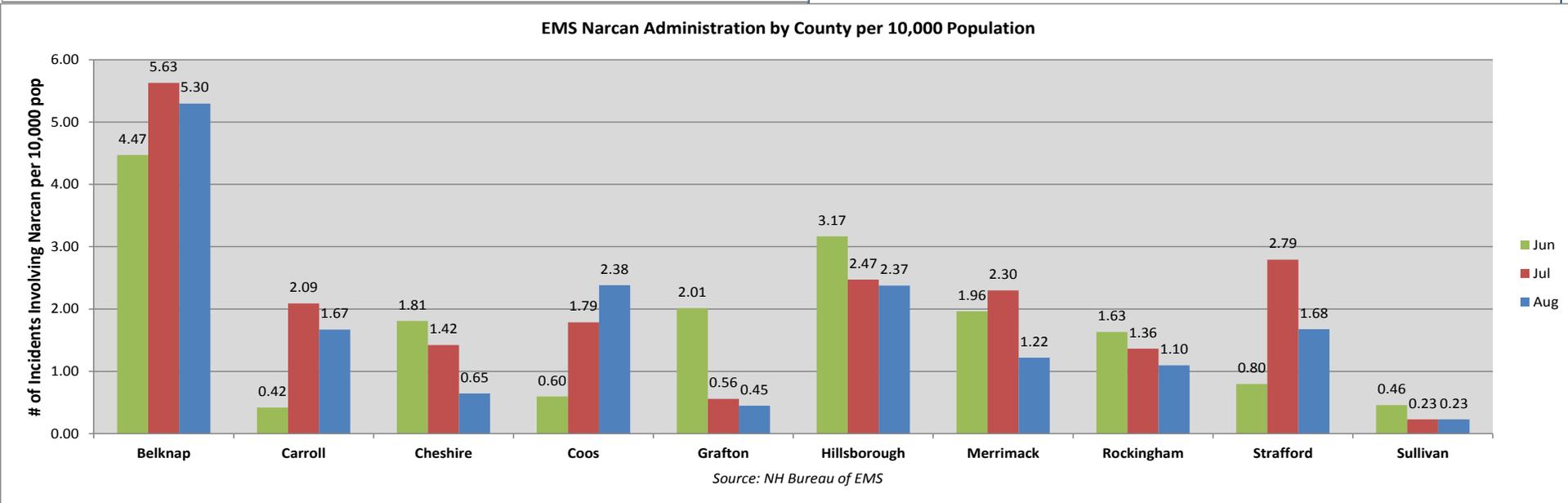


#### EMS Narcan Administration—Lives Saved

Source: NH Bureau of EMS

	2016				2017							
RODS Outcome	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
<b>No Improvement</b> <i>Negative RODS Score</i>	118	112	93	81	61	76	74	71	84	91	77	71
<b>Some Improvement</b> <i>RODS Score 1-7</i>	20	20	17	24	30	20	23	23	26	33	22	28
<b>Negative Improvement</b> <i>RODS Score of 0</i>	10	10	12	12	11	17	11	11	17	23	20	18
<b>Lives Saved</b> <i>RODS Score of 8+</i>	121	95	88	94	100	93	88	127	86	134	158	109
<b>Total</b>	<b>270</b>	<b>237</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>277</b>	<b>226</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

9/1/2016 - 8/31/2017

Data Source: New Hampshire Bureau of EMS

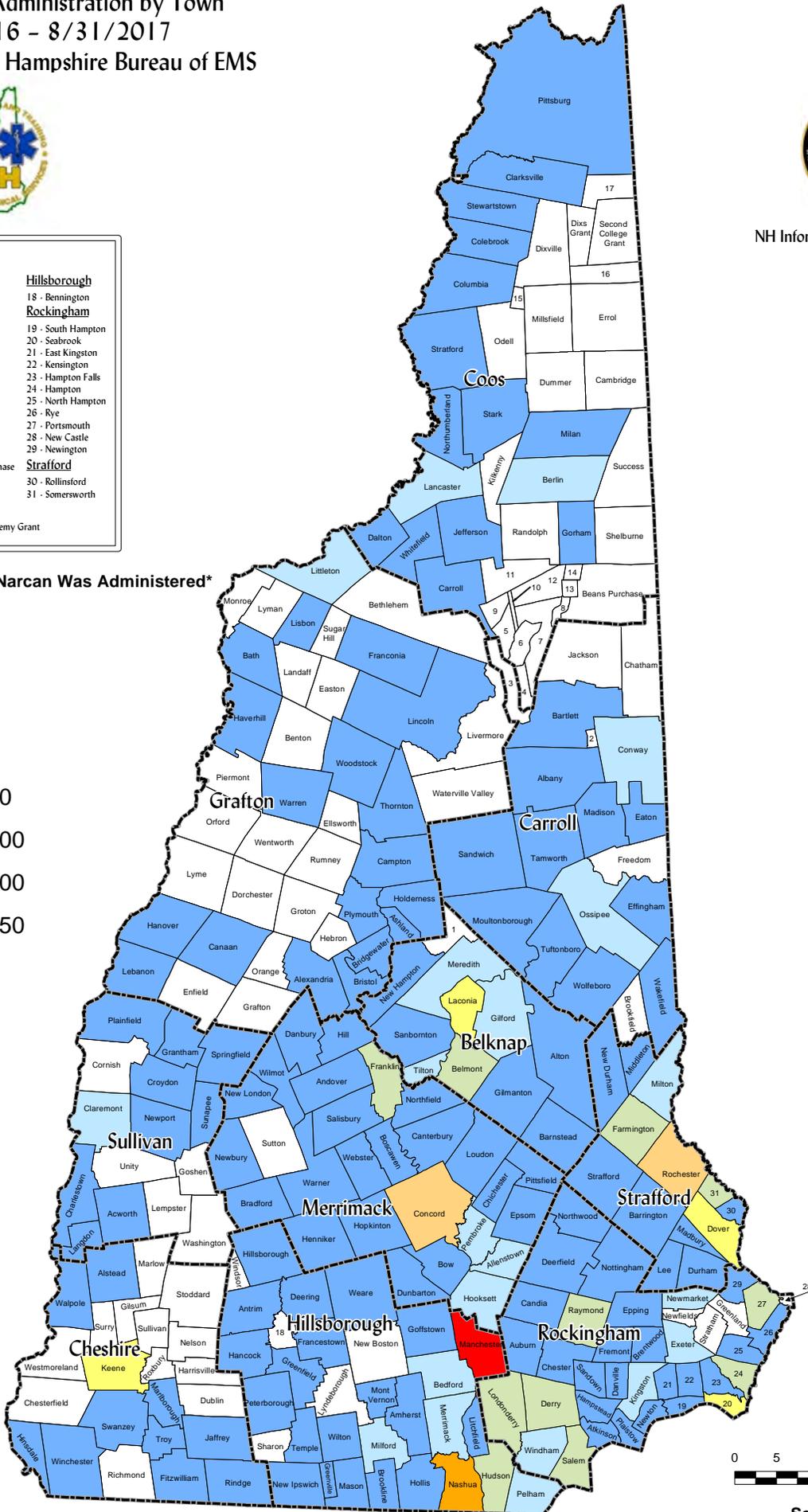
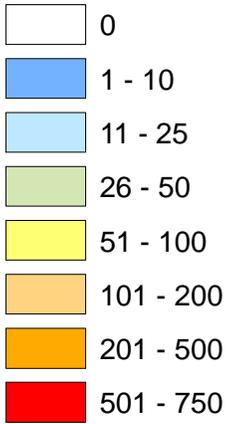


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### \*Incidents Where Narcan Was Administered\*



Scale: 1:1,150,000

**Opioid Related Emergency Department Visits:**

Data Source: NH Division of Public Health Services



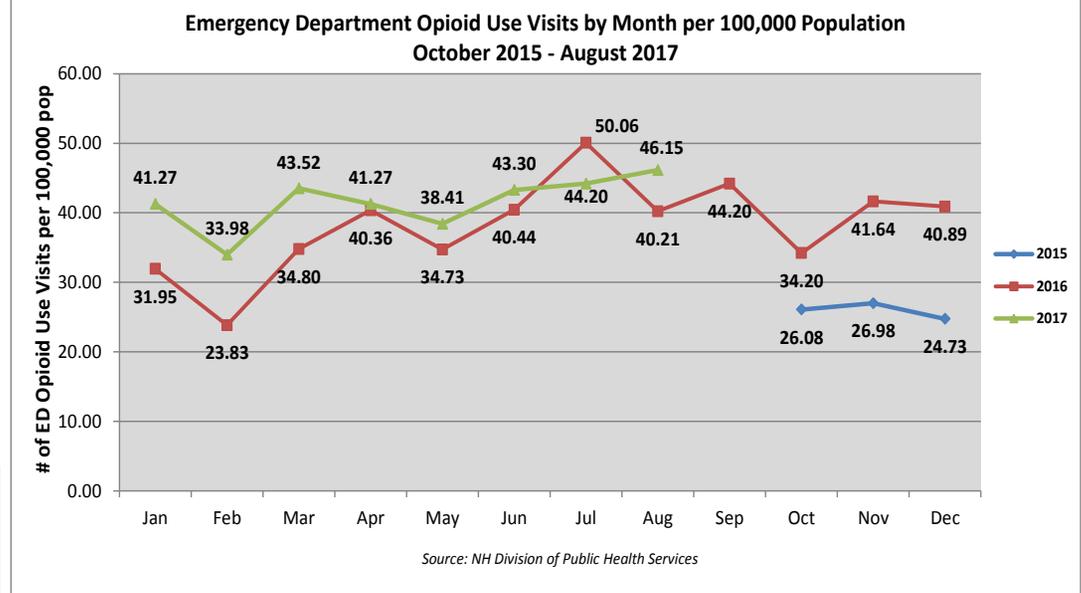
Right click on the paperclip and select "Open File" to view additional data.

**Trends:**

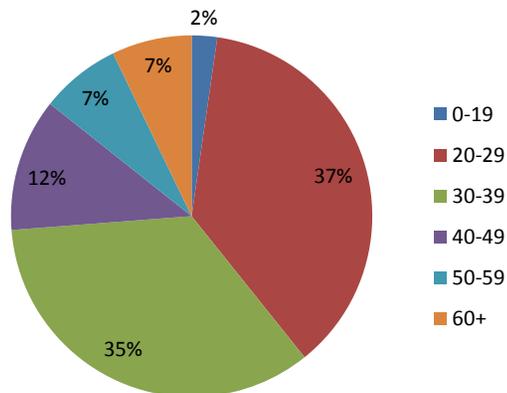
- Opioid related ED visits increased by 4% from July to August 2017.
- In August residents from Merrimack County had the most opioid related ED visits per capita with 6.97 visits per 10,000 population.
- Hillsborough County had the second highest number of opioid related ED visits per capita with 6.48 visits per 10,000 population.
- The age group with the largest number of opioid related ED visits is 20-29 which represents 37% of all opioid related ED visits for August.

**\*\*\* 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.

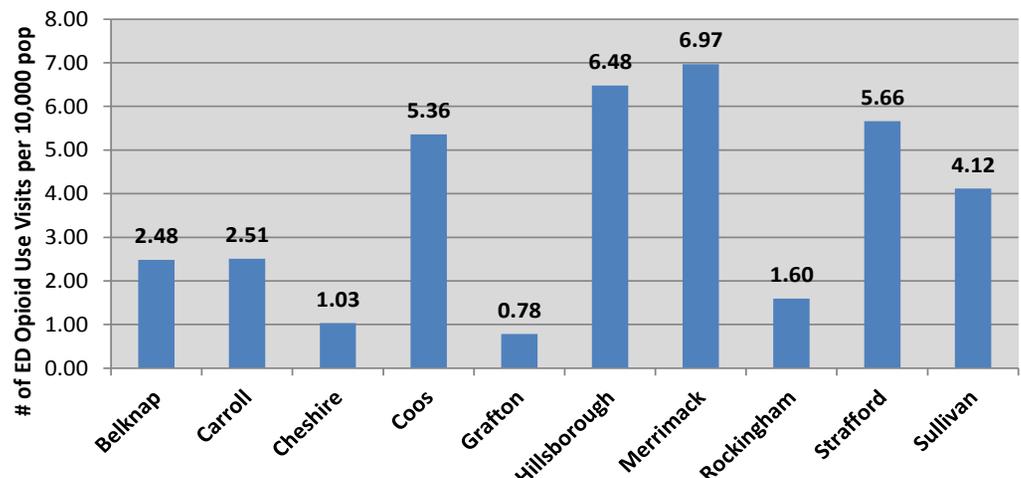


**August Emergency Department Opioid Use Visits by Age**



Source: NH Division of Public Health Services

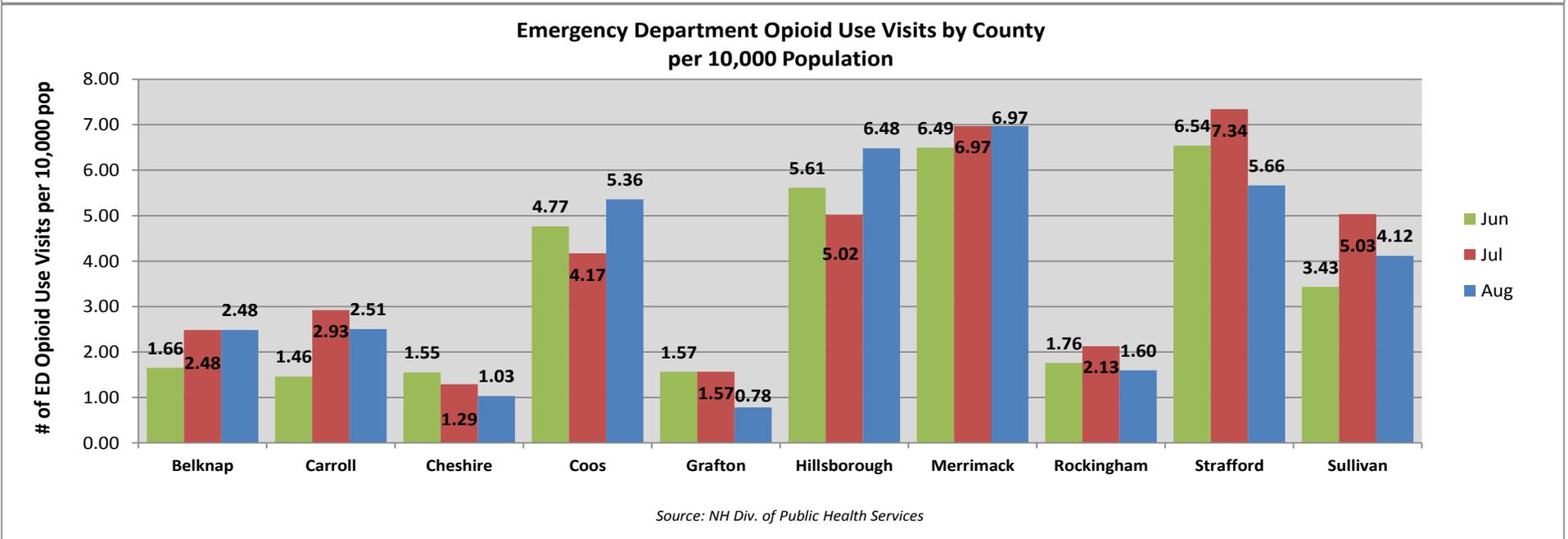
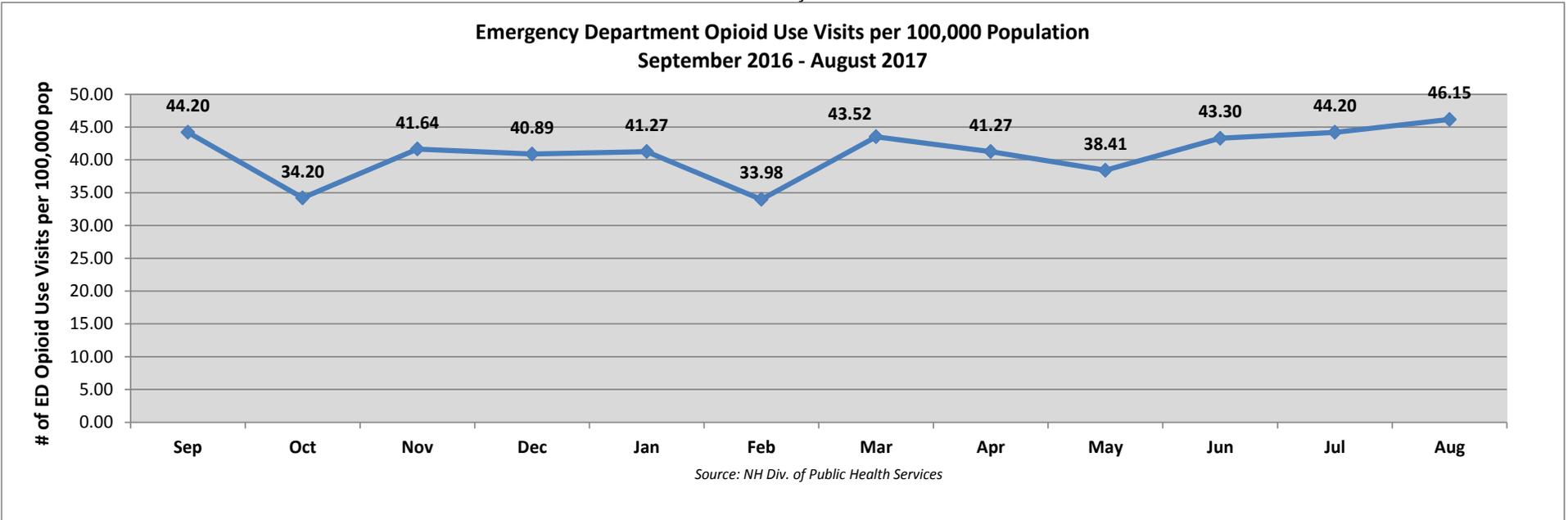
**August Emergency Department Opioid Use Visits by County per 10,000 Population**



Source: NH Division of Public Health Services

**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.

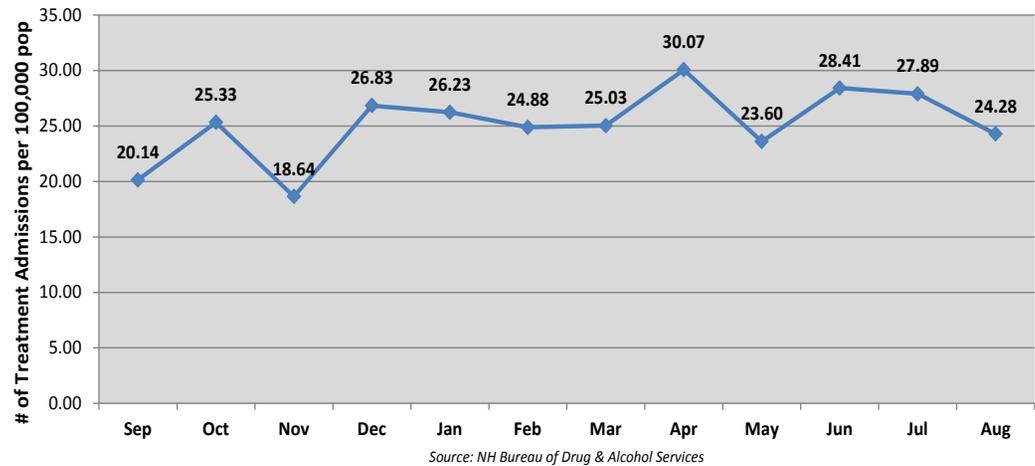
**Trends:**

- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions decreased by 12% from July to August.
- In August residents from Belknap County were admitted most often for opioid/opiate treatment per capita with 2.81 admissions per 10,000 population.
- More males than females were admitted to treatment programs in July for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions decreased by 31% from July to August.
- Cocaine/Crack treatment admissions increased by 43% from July to August.
- Heroin/Fentanyl treatment admissions decreased by 16% from July to August.

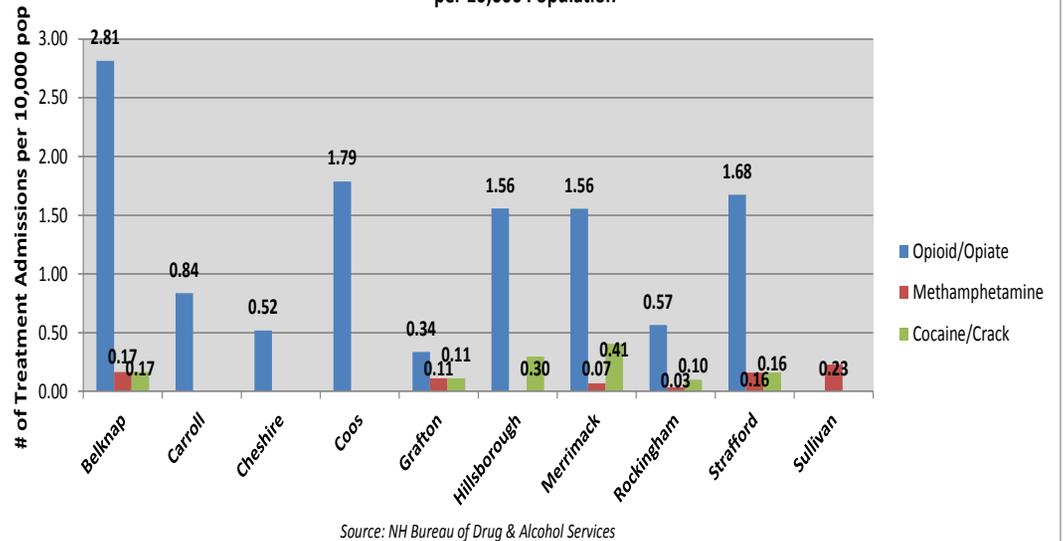
**\*\*\* IMPORTANT DATA NOTES \*\*\***

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

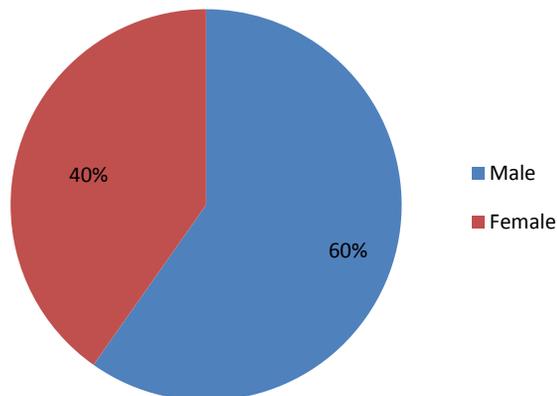
**Opioid/Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by Month per 100,000 Population**  
September 2016 - August 2017



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



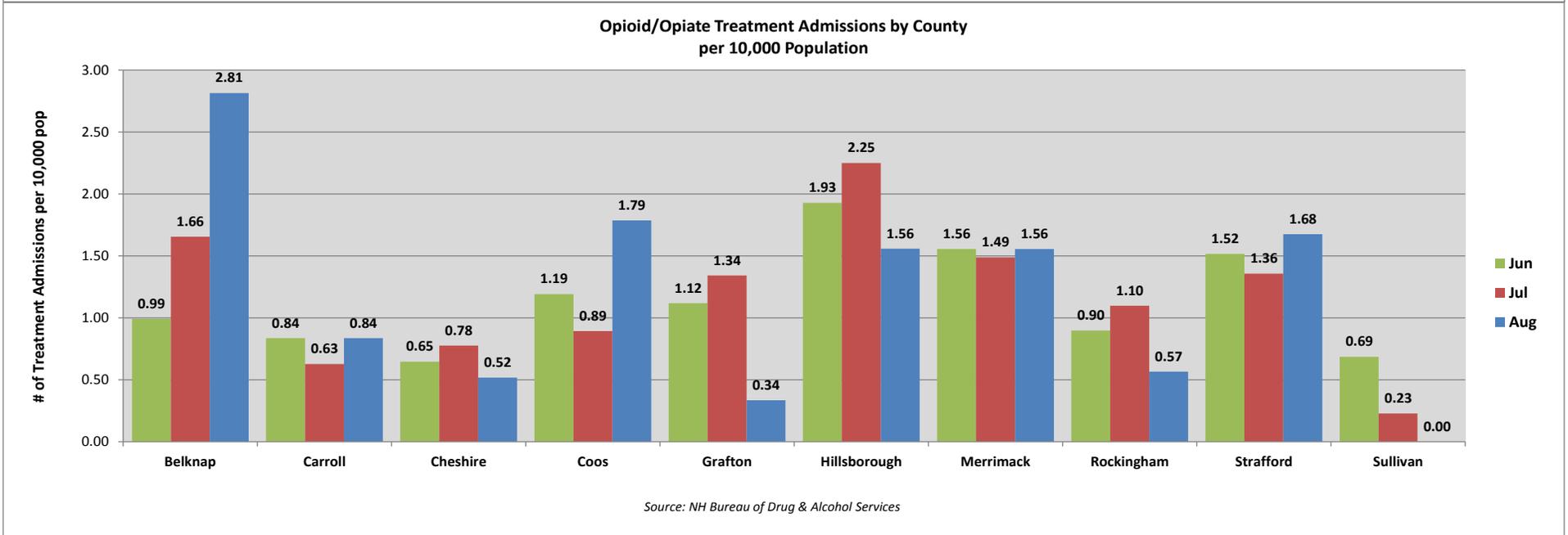
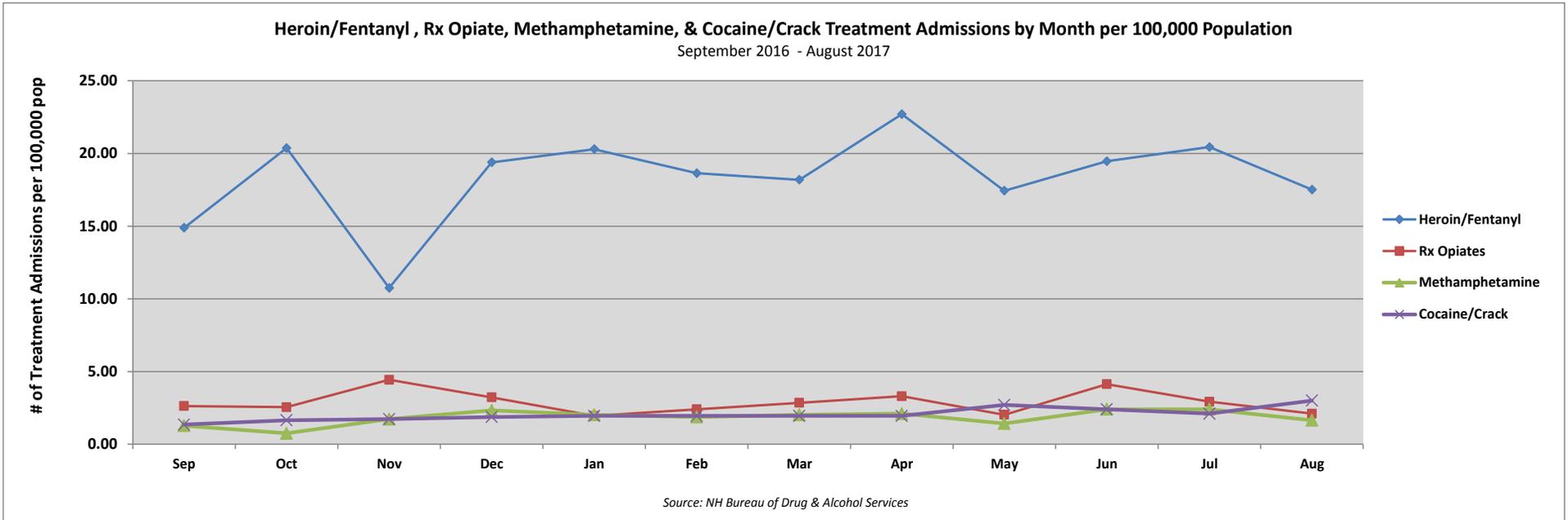
**August Treatment Admissions by Gender**



Source: NH Bureau of Drug & Alcohol

**Treatment Admissions (Continued):**

Data Source: NH Bureau of Drug & Alcohol Services



**Situational Awareness:**



**Health and Human Services Secretary Price Announces Funding for Mental Health and Opioid Services**

On September 14, U.S. Health and Human Services Secretary Tom Price made a quick trip to New Hampshire to announce \$200 million in federal grants targeting community health centers, to increase access to mental health and opioid abuse services.

Ten New Hampshire recipients—nine health centers and the City of Manchester—are set to receive about \$175,000 each as part of the grant program.

Price said this is just one of several steps the Trump administration plans to take as part of a national effort to address the opioid crisis.

“We didn’t get into this challenge overnight, it’s taken a long, long time—decades literally—so we’re not going to solve it overnight, but what we must do is raise the visibility of it and work on the kinds of things that will get us to a solution.” Price said. “That’s what the president has challenged us to do, and others within his administration, and we’re coming forward—I hope in short order—with some recommendations for him to consider.”

Officials at Goodwin Community Health say they plan to put part of its new federal grant toward capital improvements, building out space for mental health and substance misuse treatment. Some is also going toward hiring a psychiatrist and recovery support workers.

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

# NEW HAMPSHIRE SAFE STATIONS

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

	Manchester As of: 9/22/2017	Nashua 9/25/2017
• Number of requests at MFD/NFR for Safe Station:	2339	919
• Number of participants transported to Hospitals:	434	107
• Number of participants taken to HOPE in NH:	347	N/A
• Number of participants taken to Serenity Place:	1549	N/A
• Number of participants taken to PSL facilities:	N/A	792
• Number of participants seen for ODs prior to seeking SS Help:	—	164
• Average Length of Time MFD/NRF Company “Not Available”:	14 min	10:48 min
• Number of <u>UNIQUE</u> participants:	1625	617
• Number of <u>REPEAT</u> participants:	378	302
• Age Range of Participants:	18-70	18-73

**Nashua ‘Safe Stations’ :900+ Opioid Addicts Helped**

The Nashua Safe Station program, which connects opioid addicts with recovery help at city fire stations, recently reached another milestone. As of the middle of September, the program has served more than 900 people since launching in November. The program appears to be having a positive effect. In the first quarter of this year, overdoses dropped 34 percent compared to 2016, according to AMR Nashua.

Source: [www.Patch.com](http://www.Patch.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](#).