



New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

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NHIAC Product #: 2018-3494

August 2018 Report

28 September 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.

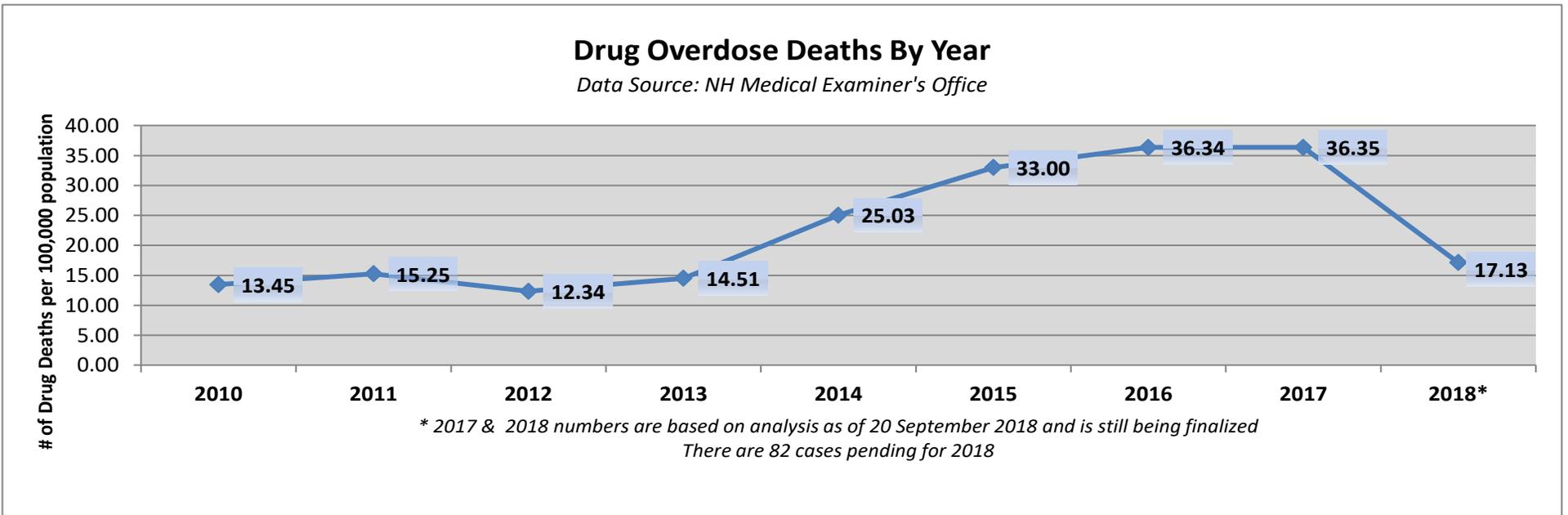
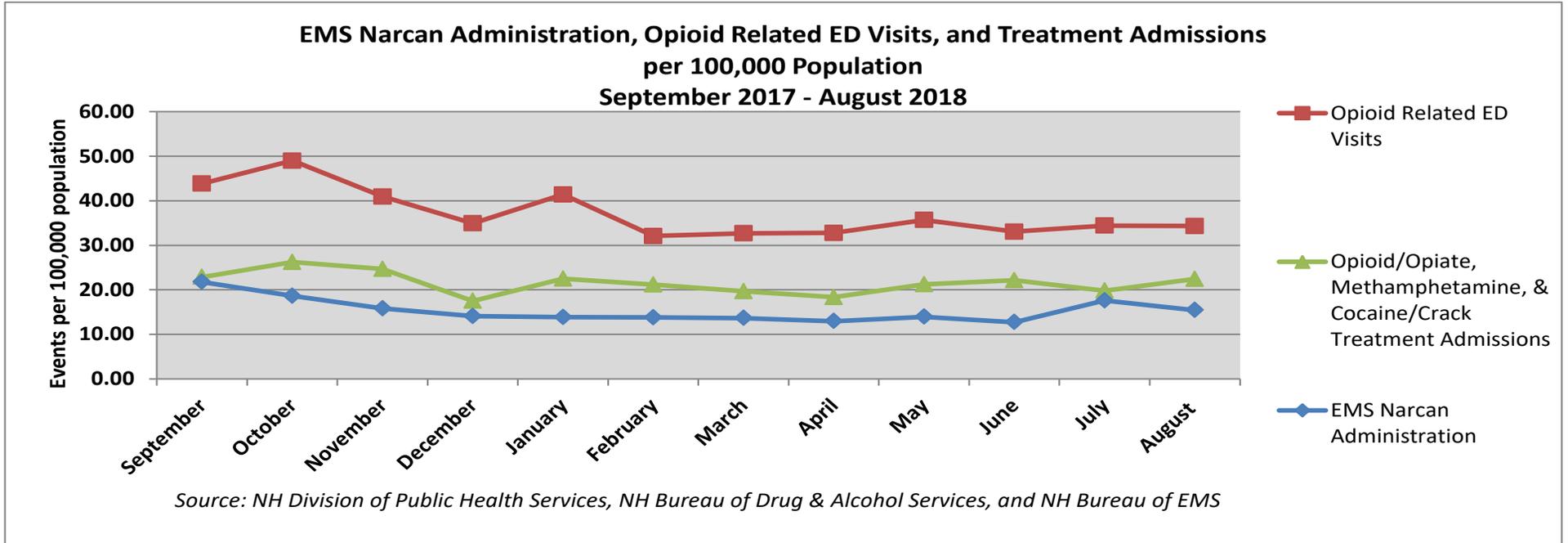
Drug Environment Report—UNCLASSIFIED

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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:

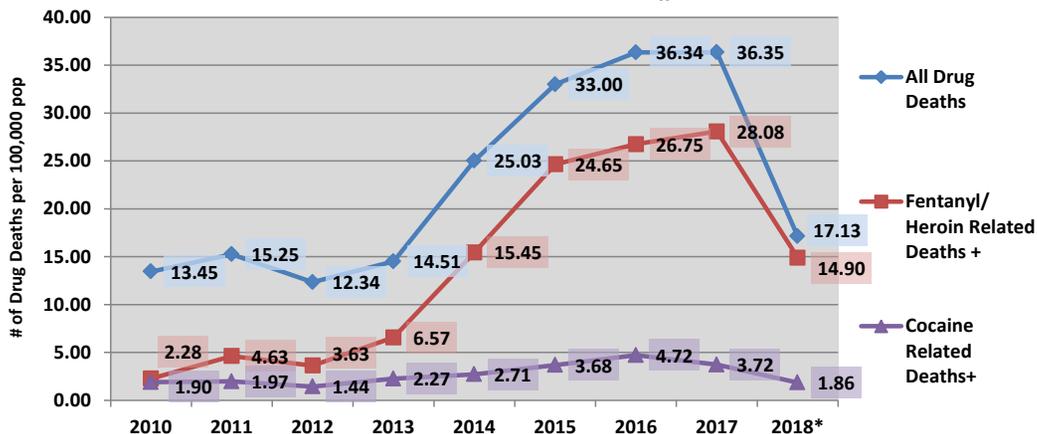
- At this time, there are 230 confirmed drug overdose deaths and 82 cases pending toxicology for 2018.
- In 2018 thus far, Belknap County has the highest suspected drug use resulting in overdose deaths per capita at 2.95 deaths per 10,000 population.
- Cheshire County had the next highest suspected drug 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 20 September 2018.
- Analysis is based on county where the drug (s) is suspected to have been used.

Overdose Deaths by Year per 100,000 Population

Data Source: NH Medical Examiner's Office

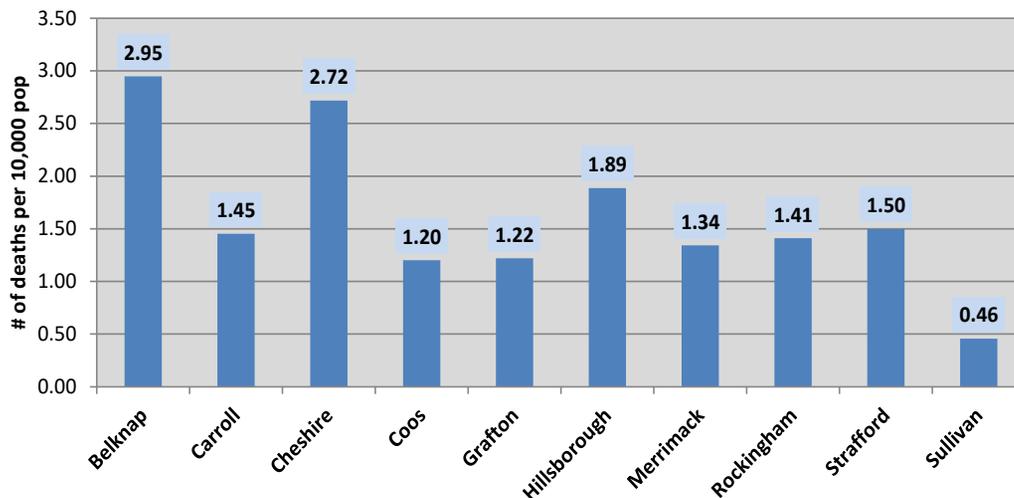


*2018 numbers are based on analysis as of 20 September 2018 and is still being finalized
There are 82 cases pending for 2018

+ Cocaine and Fentanyl/Heroin Related deaths are not mutually exclusive, several deaths involved both categories

2018* Overdose Deaths by County per 10,000 Population

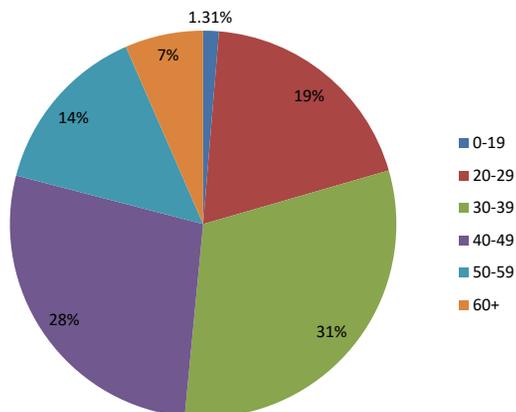
Data Source: NH Medical Examiner's Office



* 2018 Numbers are based on analysis as of 20 September 2018 - 82 cases pending

Overdose Deaths by Age 2018*

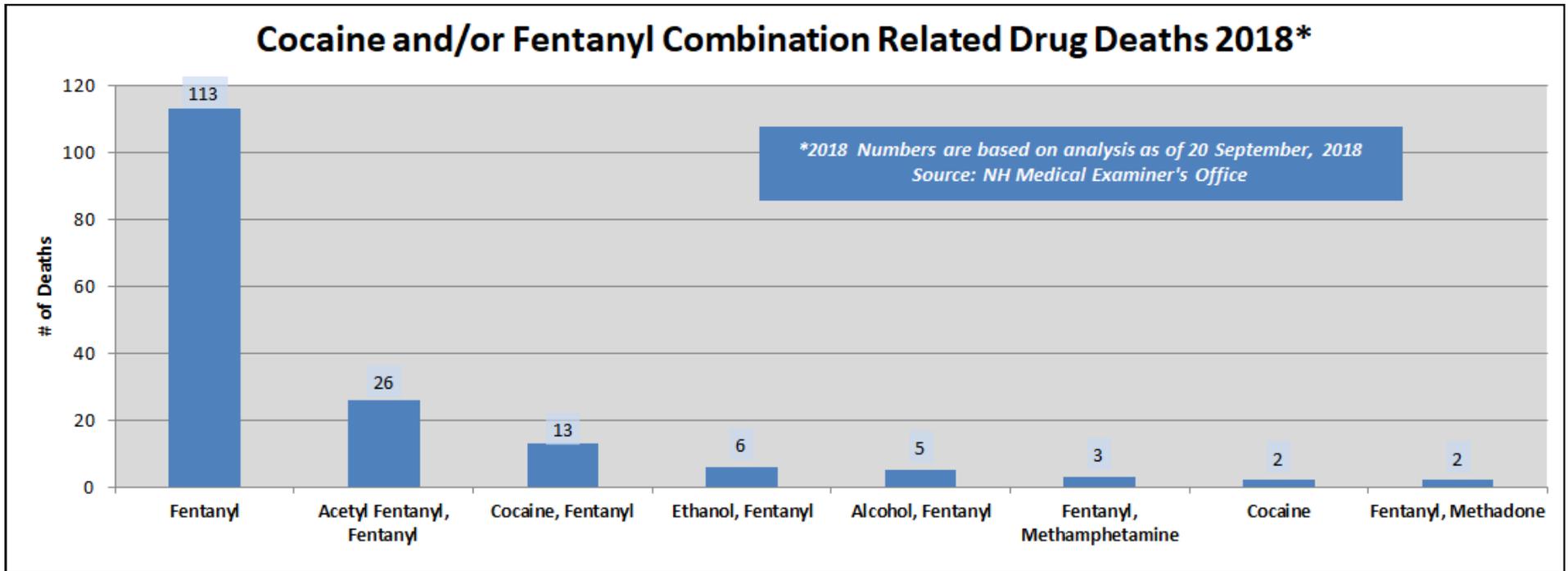
Data Source: NH Medical Examiner's Office



*2018 Numbers are based on analysis as of 20 September, 2018

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

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 September 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.
82 cases pending



Prepared by:
NH Information & Analysis Center



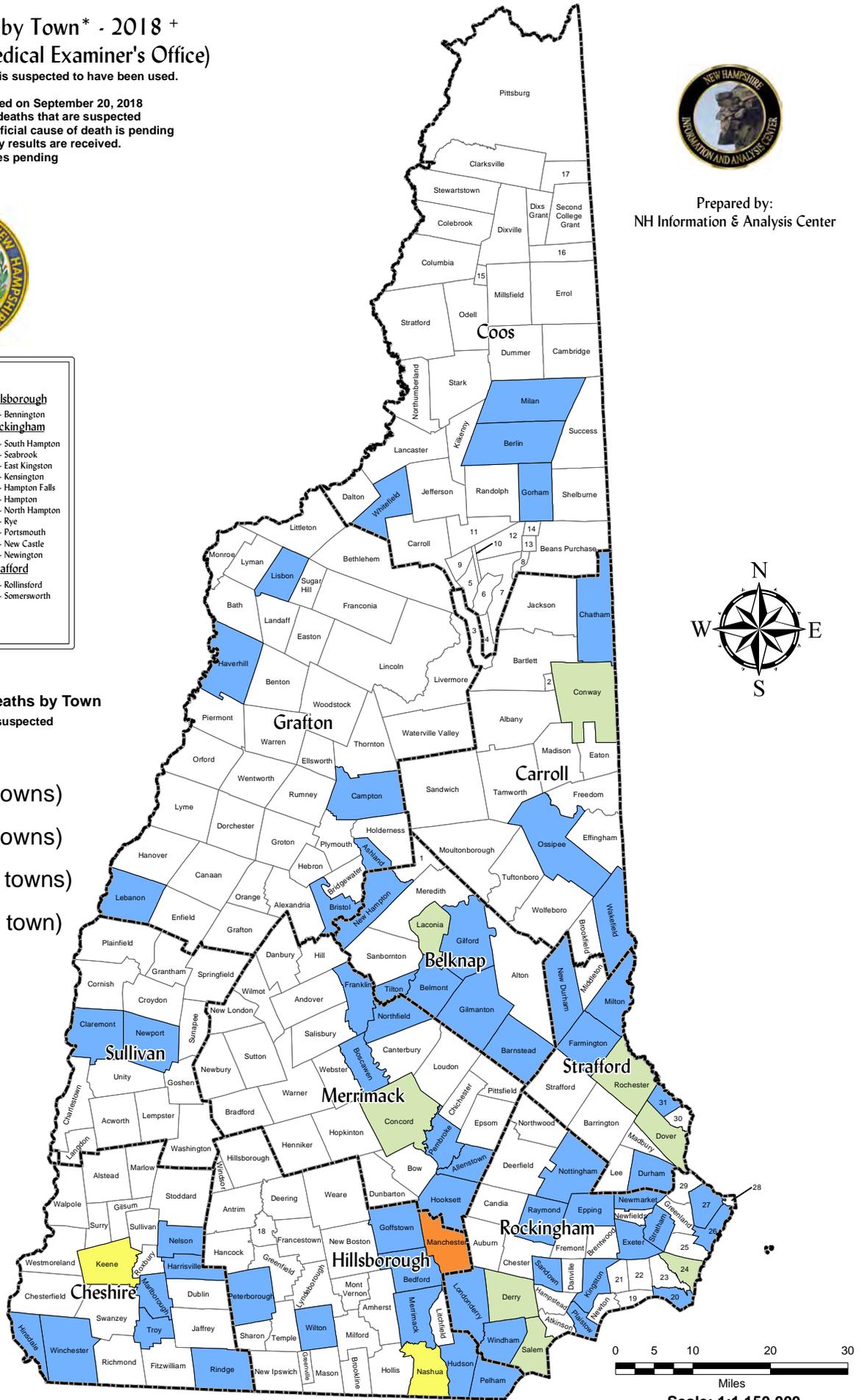
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Belknap	Hillsborough
1 - Center Harbor	18 - Bennington
Carroll	Rockingham
2 - Hales Location	19 - South Hampton
3 - Harts Location	20 - Seabrook
Coos	21 - East Kingston
4 - Hadleys Purchase	22 - Kensington
5 - Beans Grant	23 - Hampton Falls
6 - Cutts Grant	24 - Hampton
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Number of Overdose Deaths by Town

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

- 1 - 4 (60 towns)
- 5 - 10 (8 towns)
- 11 - 25 (2 towns)
- 26 - 50 (1 town)



EMS Narcan Administration:

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

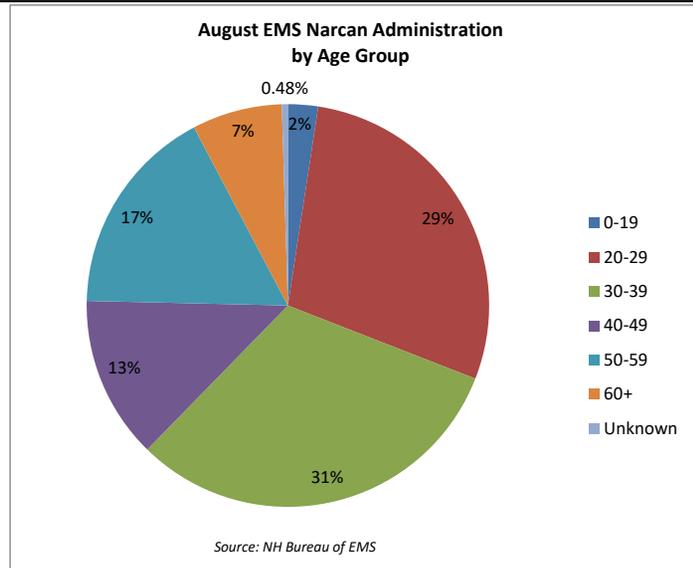
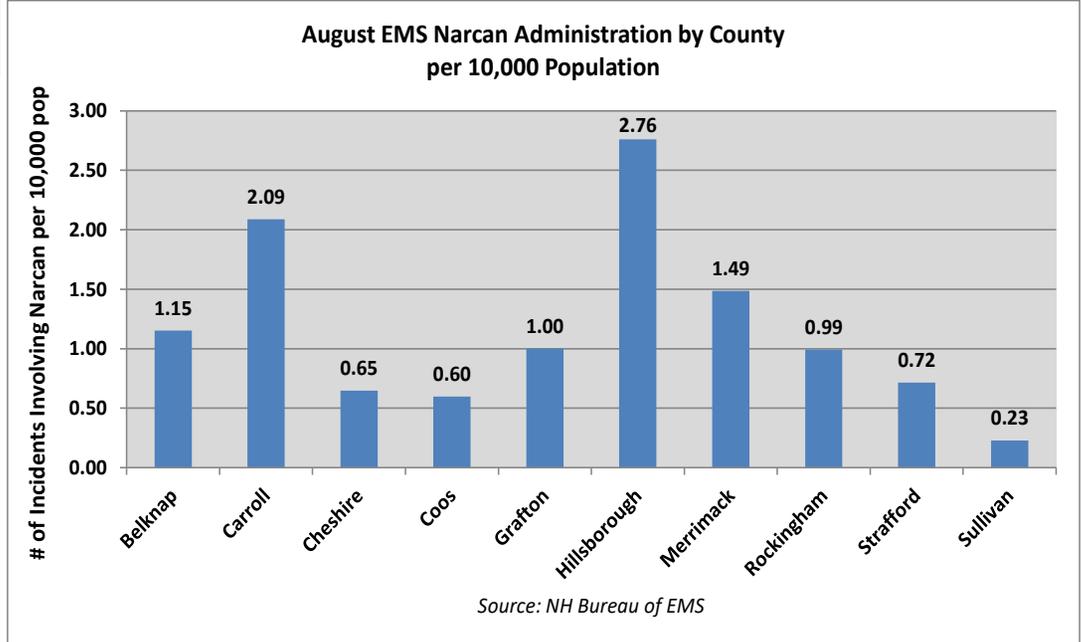
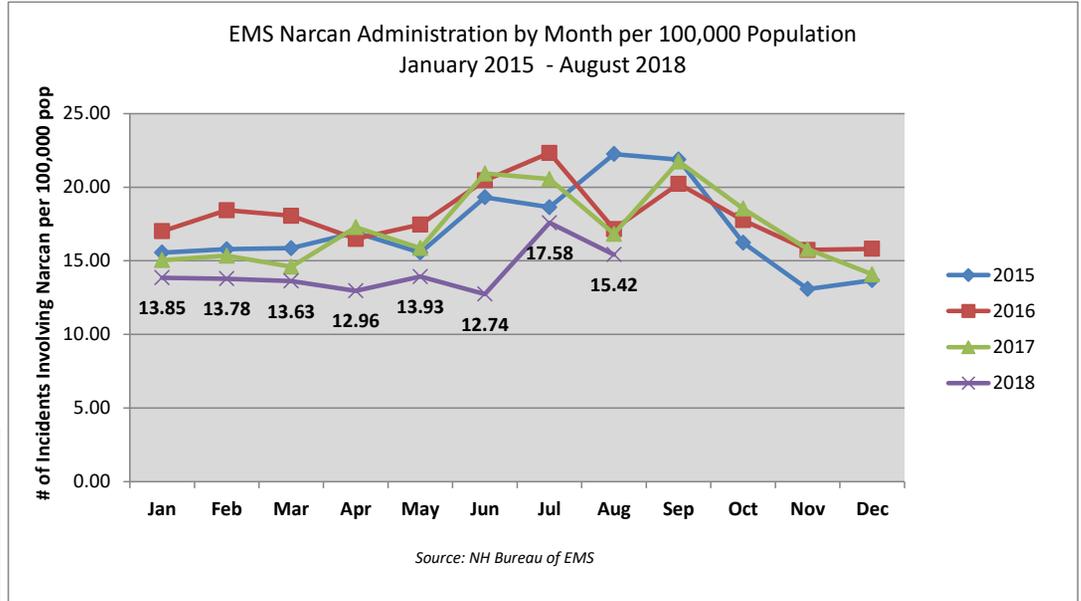
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- EMS Narcan administration incidents decreased by 12.3% from July to August.
- In August Hillsborough County had the most EMS Narcan administration incidents per capita with 2.76 incidents per 10,000 population.
- Carroll County had the second highest EMS Narcan administration incidents per capita with 2.09 incidents per 10,000 population.
- The age group with the largest number of EMS Narcan administration incidents was 30-39 which represents 31% of all EMS Narcan administration incidents for August.

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

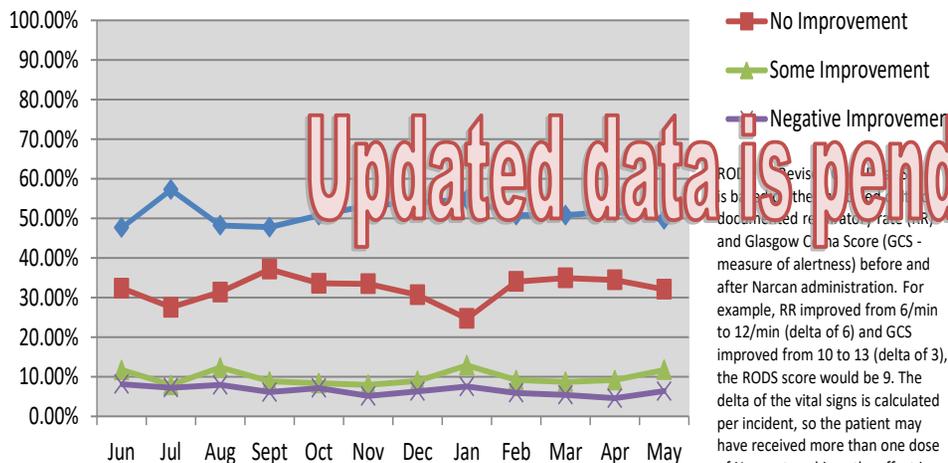
- Narcan data in this report involves the number of incidents where Narcan was administered, NOT the number of doses of Narcan during a certain time period. Multiple doses may be administered during an incident.
- Narcan is administered in cases of cardiac arrest when the cause of the arrest cannot be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



EMS Narcan Administration (Continued):

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

EMS Narcan Administration - Lives Saved %
June 2017- May 2018



Source: NH Bureau of EMS

Updated data is pending for this data set.

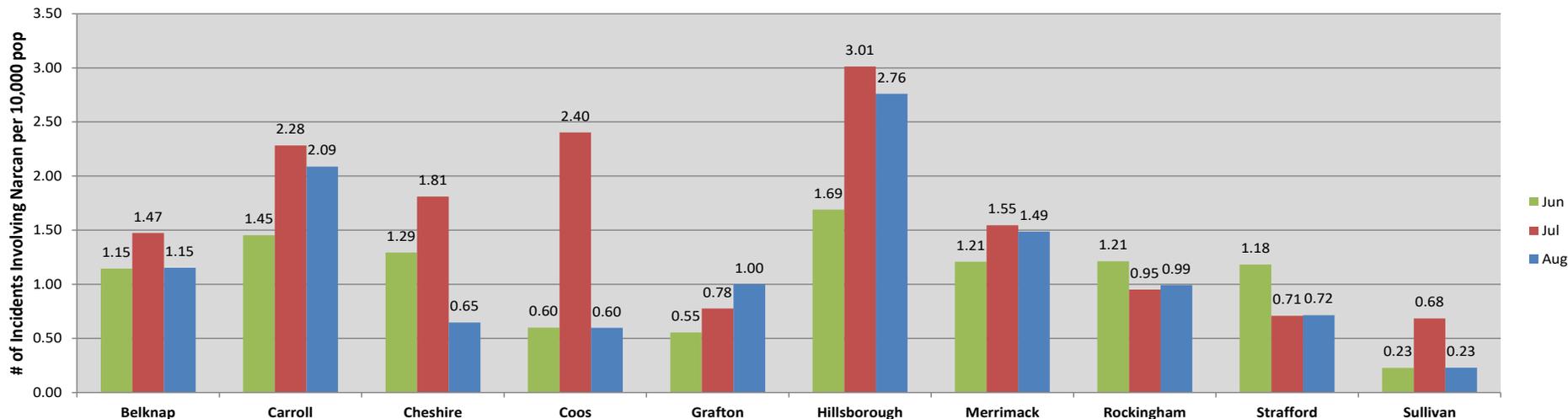
RODS, or Revised Over Dose Score is based on the combined delta of documented respiratory rate (RR) and Glasgow Coma Score (GCS - measure of alertness) before and after Narcan administration. For example, RR improved from 6/min to 12/min (delta of 6) and GCS improved from 10 to 13 (delta of 3), the RODS 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—Lives Saved

Source: NH Bureau of EMS	2017							2018				
RODS Outcome	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Lives Saved RODS Score of 8+	134	158	109	140	127	113	102	102	94	93	90	93
No Improvement RODS Score 1-7	76	71	108	83	71	8	46	63	64	60	60	60
Negative Improvement Negative RODS Score	23	20	18	18	18	11	12	14	11	10	8	12
Total	281	276	226	292	249	212	189	186	185	183	174	187

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EMS Narcan Administration by County per 10,000 Population



Source: NH Bureau of EMS

EMS/Narcarn Administration by Town 9/1/2017 - 8/31/2018

Data Source: New Hampshire Bureau of EMS

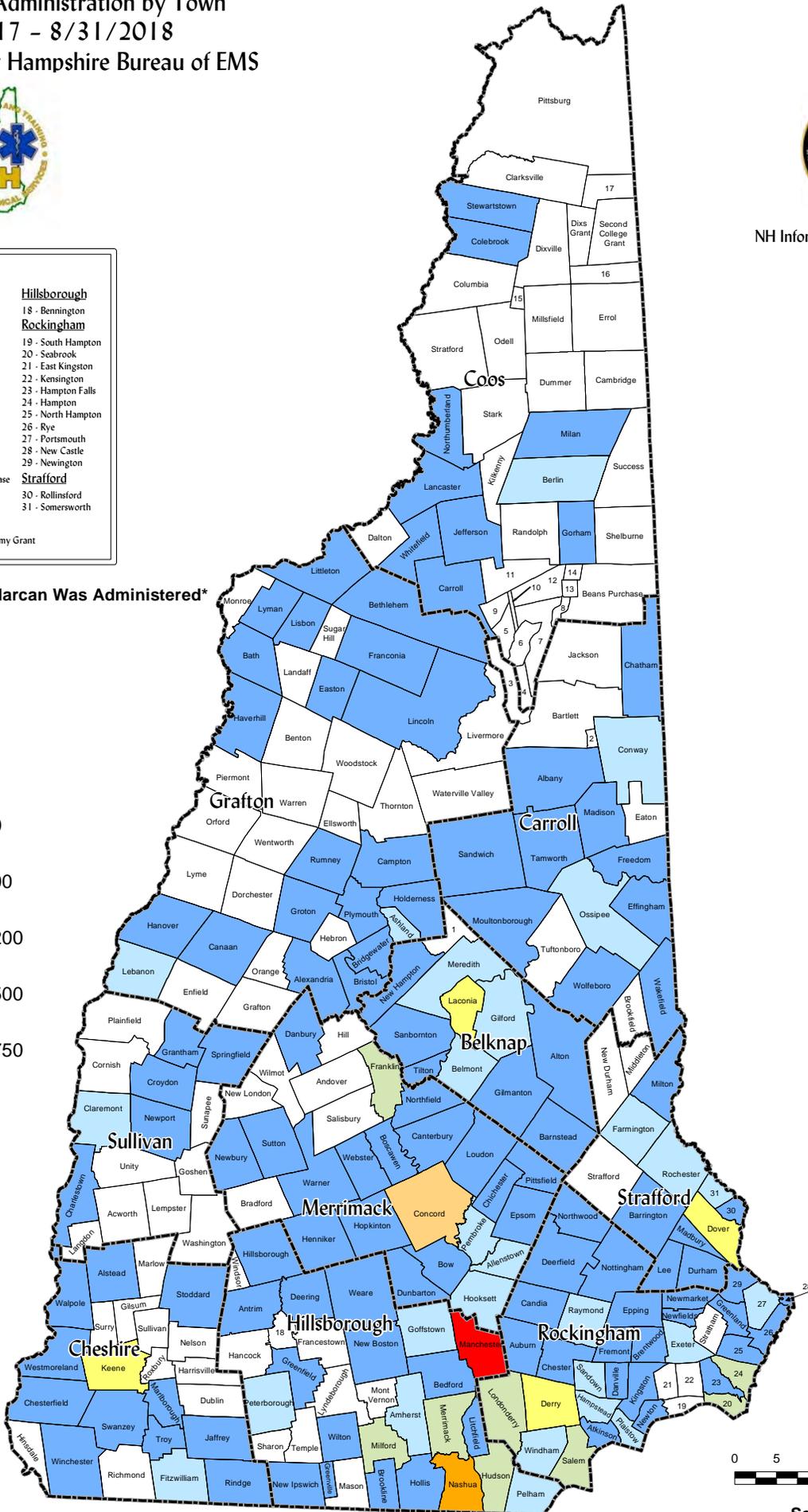
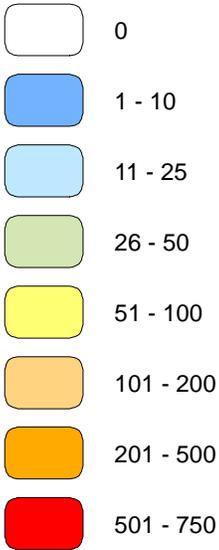


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Incidents Where Narcan Was Administered



Scale: 1:1,150,000

Opioid Related Emergency Department Visits:

Data Source: NH Division of Public Health Services

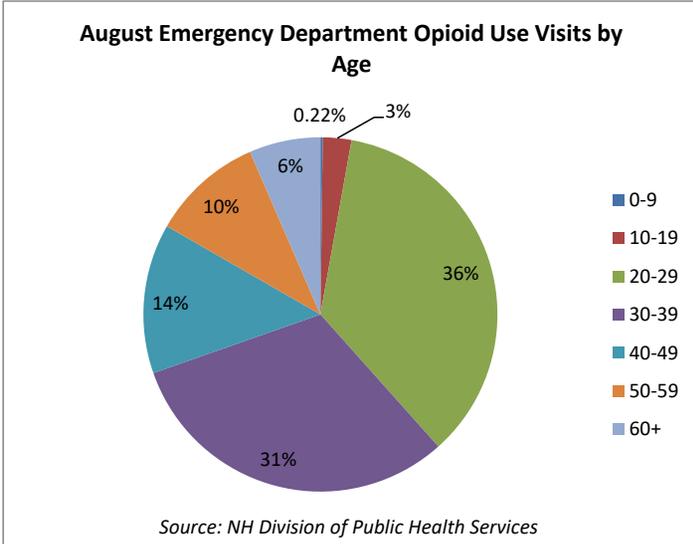
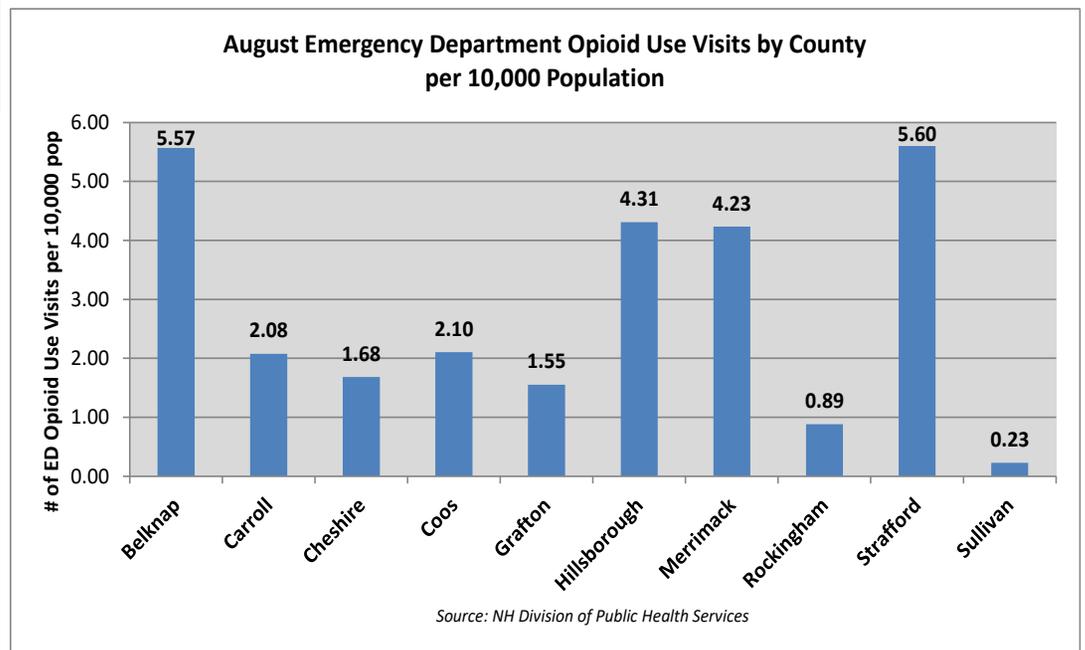
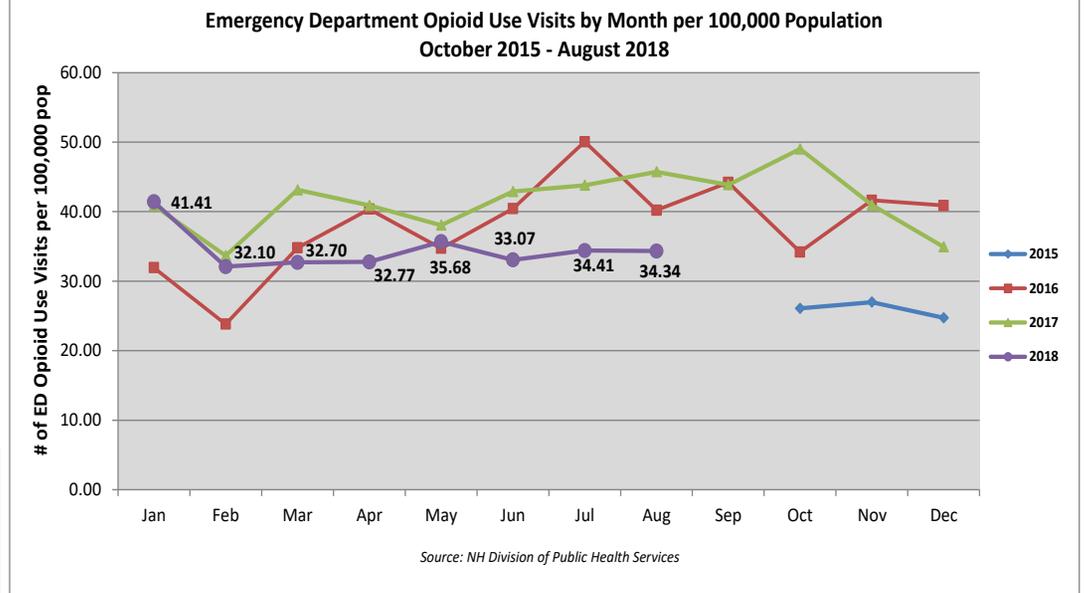
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- Opioid related ED visits decreased by 0.2% from July to August 2018.
- In August residents from Strafford County had the most opioid related ED visits per capita with 5.60 visits per 10,000 population.
- Belknap County residents had the second highest number of opioid related ED visits per capita with 5.57 visits per 10,000 population.
- The age group with the largest number of opioid related ED visits was 20-29 with 36% of all opioid related ED visits for August.

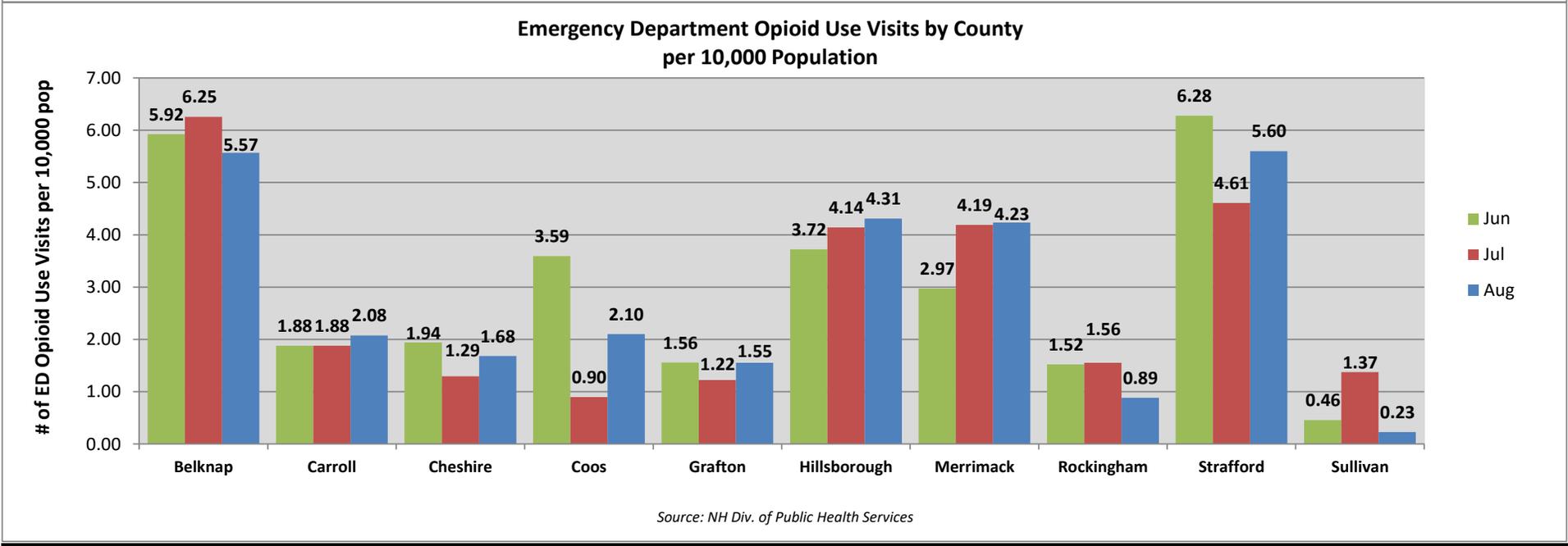
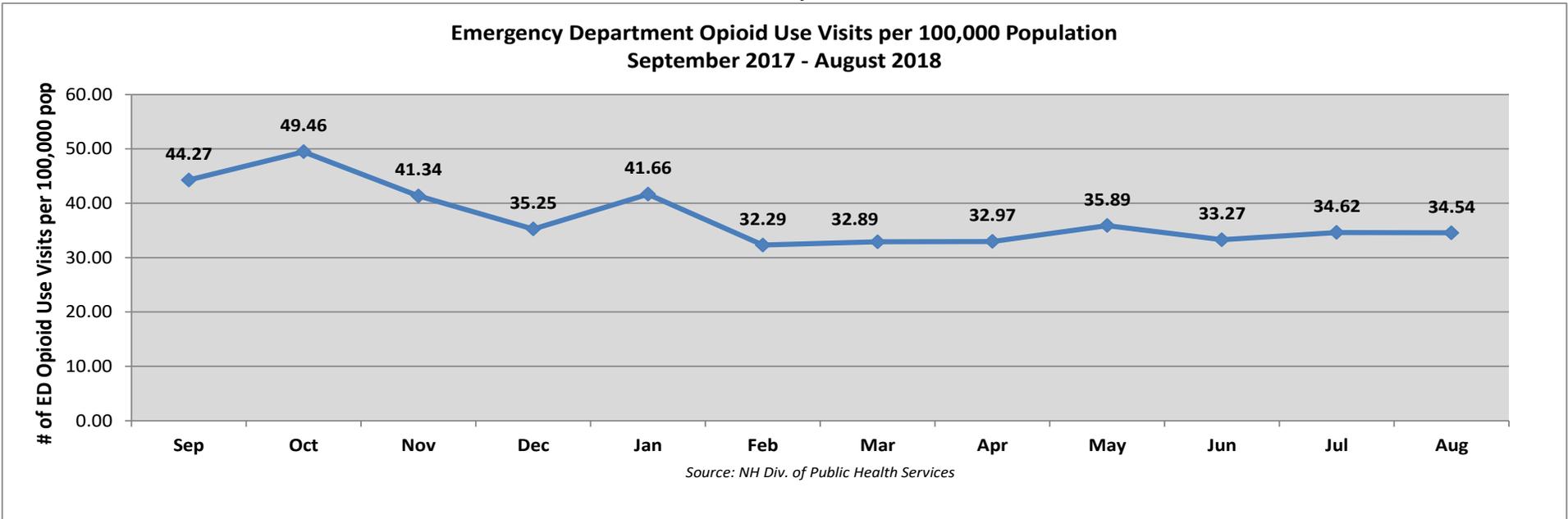
***** IMPORTANT DATA NOTES *****

- 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 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

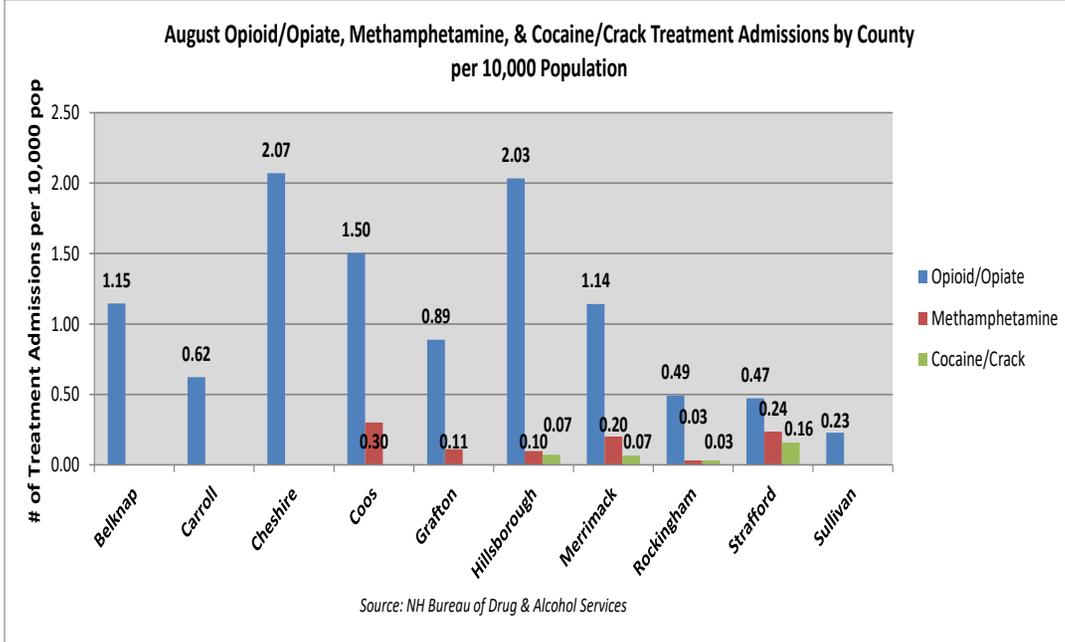
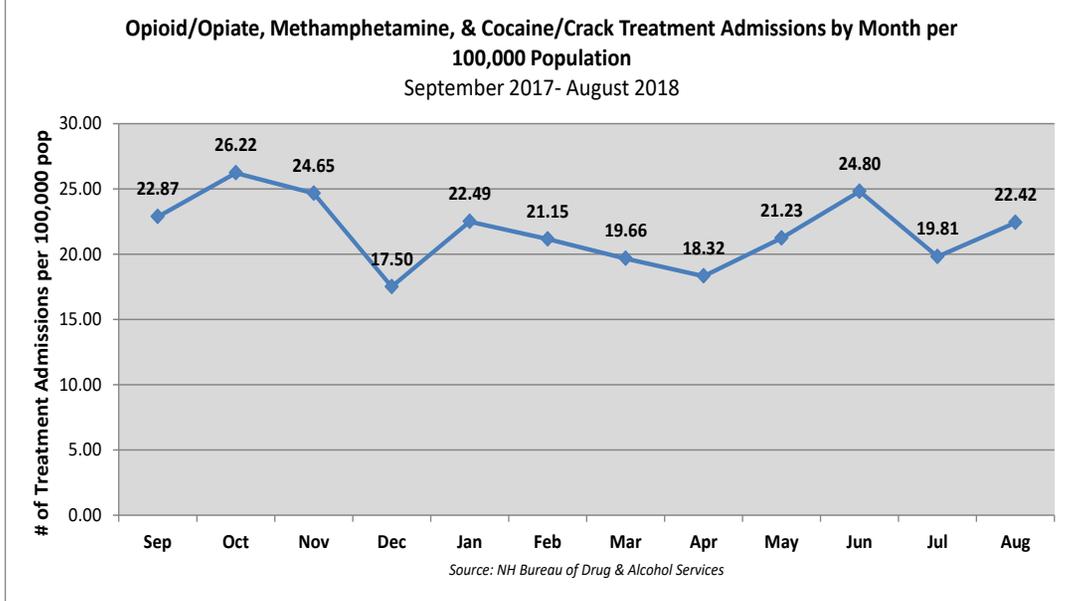
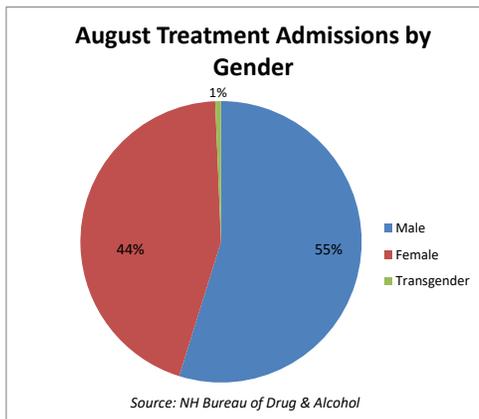
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions increased by 13% from July to August.
- In August, residents from Cheshire County were admitted most often for opioid/opiate treatment per capita with 2.07, followed closely by Hillsborough County with 2.03 admissions per 10,000 population.
- More males than females were admitted to treatment programs in August for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions decreased by 16% from July to August.
- Cocaine/Crack treatment admissions decreased by 40% from July to August.
- Heroin/Fentanyl treatment admissions increased by 23%

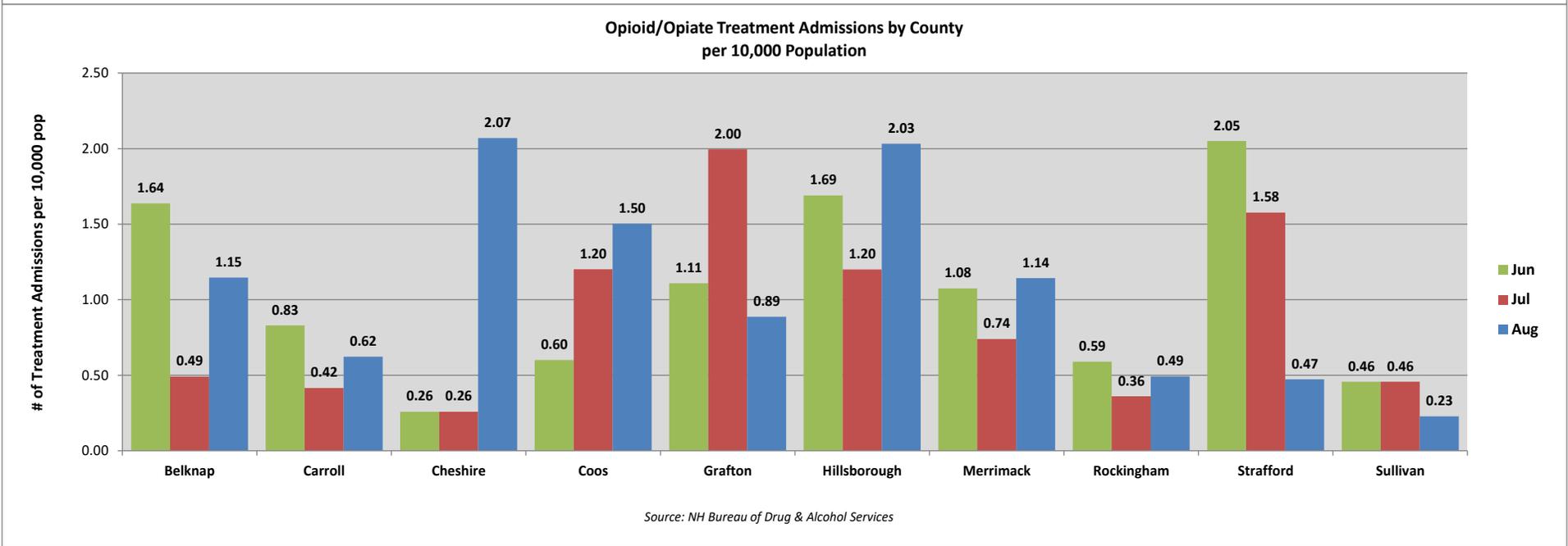
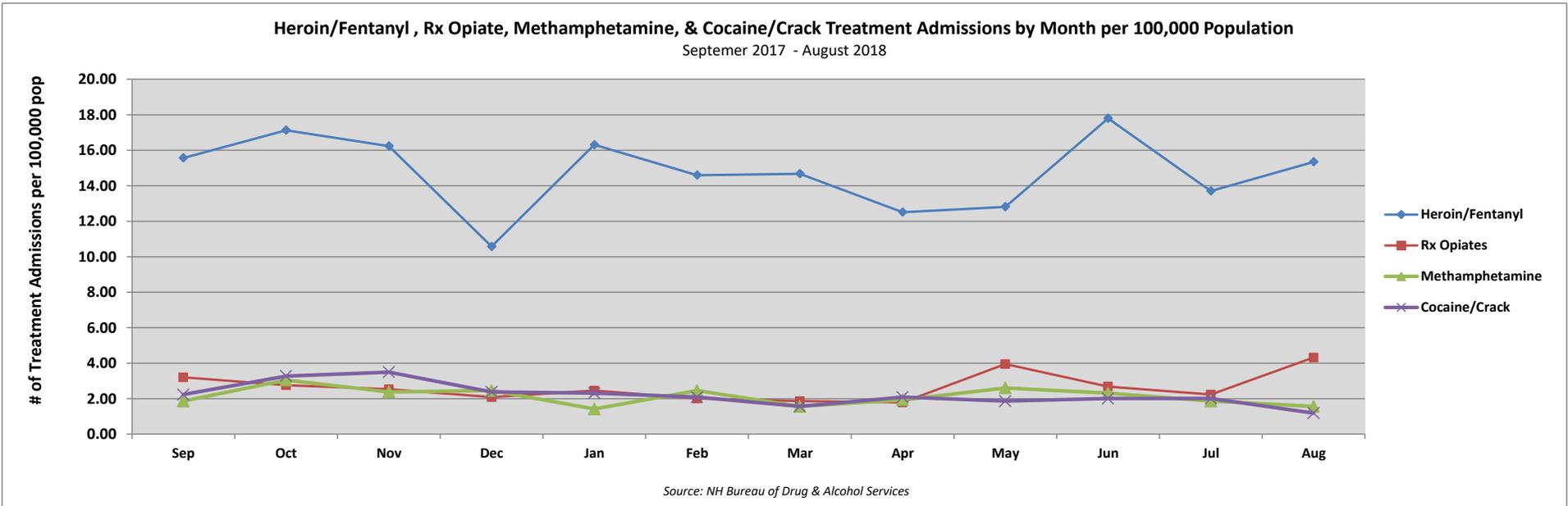
*** IMPORTANT DATA NOTES***

- 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.



Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services



Situational Awareness:



Toll From Opioid Crisis Puts A Strain on Many Keene Departments

From October through the end of May, the Keene Police Department paid for 150.75 hours of overtime related to drug investigations. The Keene Fire Department responded to at least 51 suspected opioid overdoses, administering 110 doses of the overdose-reversal drug Narcan to those patients. And the City’s Human Services Department helped pay for the funerals of 11 residents who died due to substance misuse and whose families could not afford to bury them.

Nationally, the opioid crisis has claimed tens of thousands of lives and, according to a 2017 report from the president’s Council of Economic Advisers, drained the economy of hundreds of billions of dollars. Meanwhile, a wave of litigation against pharmaceutical companies has highlighted another cost: the financial impact of the drug crisis on municipalities like Keene.

In April, Keene joined the hundreds of state, county and municipal governments suing the makers and distributors of certain opioid painkillers. They allege that the companies caused the opioid crisis by aggressively pushing medications they knew to be addictive.

Source: www.sentinelsource.com 8/19/2018

NEW HAMPSHIRE SAFE STATIONS

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

Manchester Nashua
 As of 9/20/2018 As of 9/26/2018

	Q3 2018	Total	Q3 2018	Total
Number of requests at MFD/NFR for Safe Station:	494	4173	335	2278
Number of participants transported to hospitals:	141	985	36	224
Number of participants taken to Substance Misuse Treatment Facilities:	353	3173	297	2031
Average length of time company “Not Available”:	12.4 Min	15.6 Min	8.7Min	10.4 Min
Number of UNIQUE participants:	413	2585	261	1331
Number of REPEAT participants:	253	1733	193	1213
Number of unique participants seen in both City’s Safe Station Program	674			

Manchester Overdoses Spiked to Highest Rate All Year in July

Statistics released this week by officials with American Medical Response New Hampshire show medics treated 72 overdose victims in Manchester in July — the most in one month so far this year, and highest total in one month since October of 2017.

The total combined opioid-related overdoses for July in Nashua and Manchester were 95, with five of those reported as fatalities and one additional fatality pending toxicology confirmation. “July was a tough month after a good stretch of really positive progress,” said Chris Stawasz, regional director for American Medical Response New Hampshire. “It won’t deter us. We will keep saving lives one by one no matter what.”

According to Stawasz, Manchester first responders have administered nearly 1,000 milligrams of Narcan in 2018 so far.

Source: www.unionleader.com 8/2/2018

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](#).