New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

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NHIAC Product #: 2018-3413

May 2018 Report

3 July 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 stake-holders as well as situational awareness releases as needed.*

Drug Environment Report—UNCLASSIFIED

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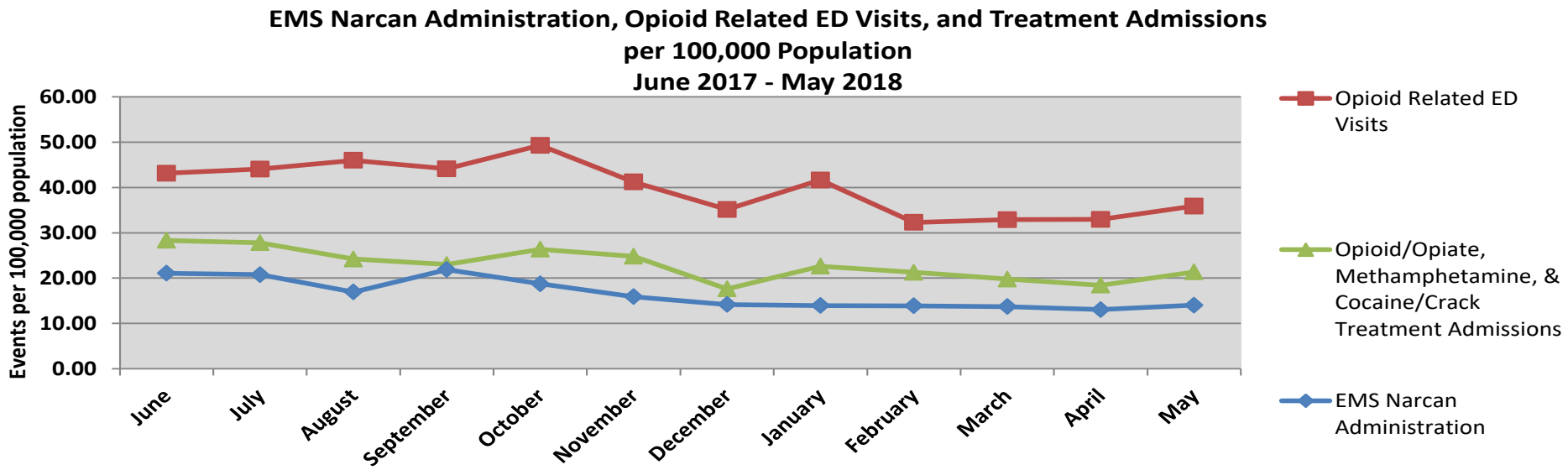
Previous versions of the Drug Environment Report can be found at: https://www.dhhs.nh.gov/dcbcs/bdas/data.htm

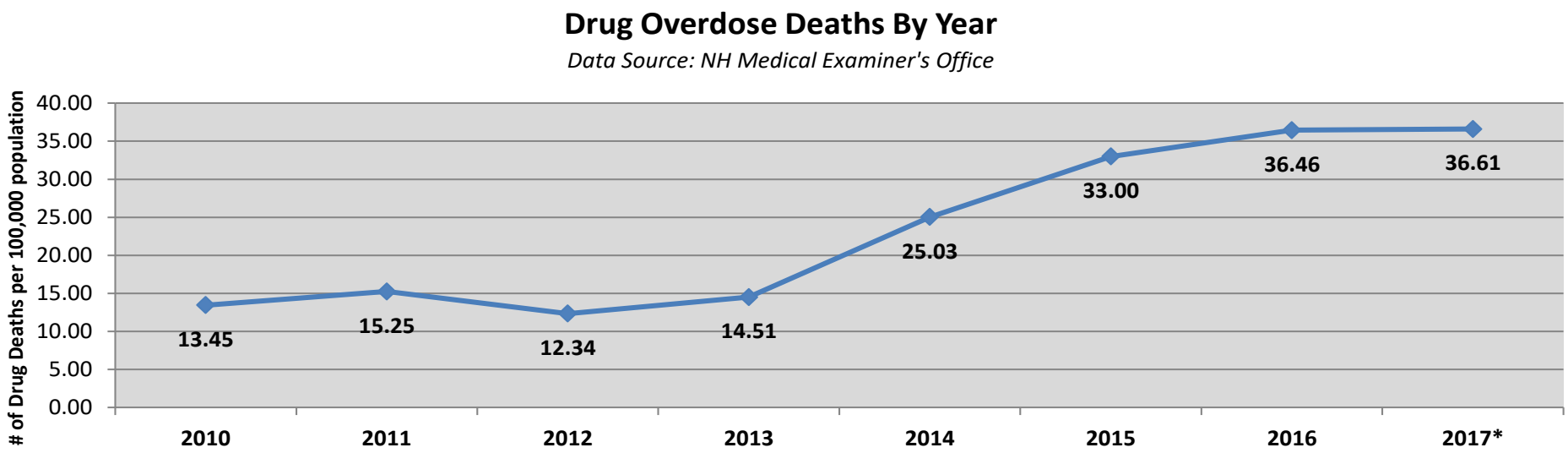
⇒ Population data source: http://www.nh.gov/osi/data-center/population-estimates.htm
- Year/month overview charts are based on annual estimates from the above website. County charts are based on a 2016 estimated population of each county.

⇒ 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:



Source: NH Division of Public Health Services, NH Bureau of Drug & Alcohol Services, and NH Bureau of EMS



** 2017 Numbers are based on analysis as of 12 June 2018 - 2 Cases Pending*

Drug Overdose Deaths:

Data Source: NH Medical Examiner's Office

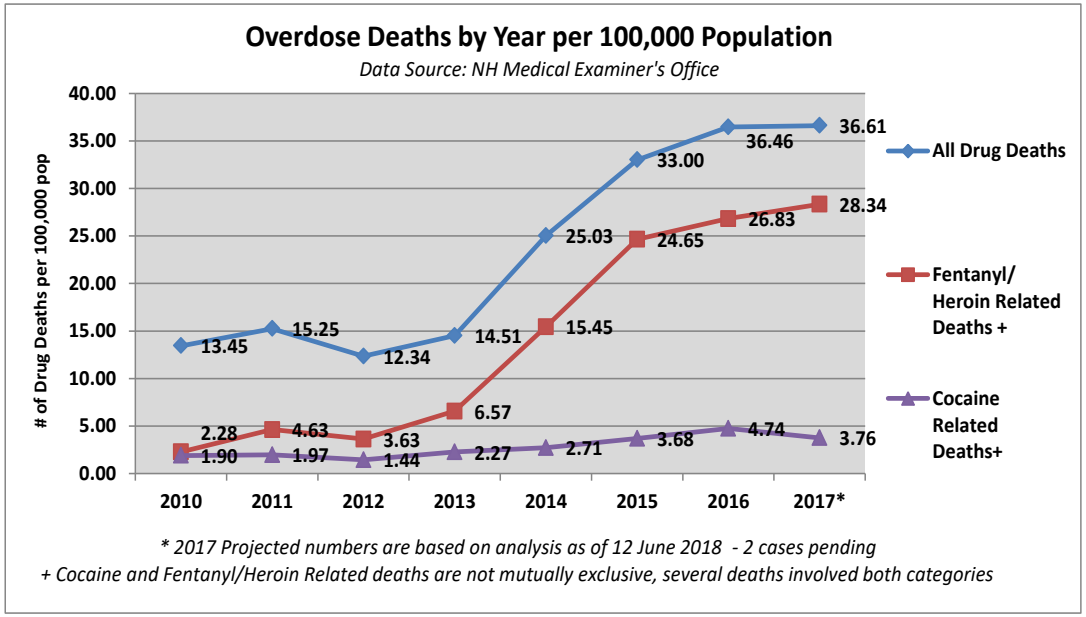
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- At this time, there are 114 confirmed drug overdoses and 70 cases pending toxicology for 2018.
- In 2017 thus far, Hillsborough County has the highest suspected drug use resulting in overdose deaths per capita at 4.82 deaths per 10,000 population.
- Belknap County had the next highest suspected drug use resulting in overdose deaths per capita at 4.47 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.

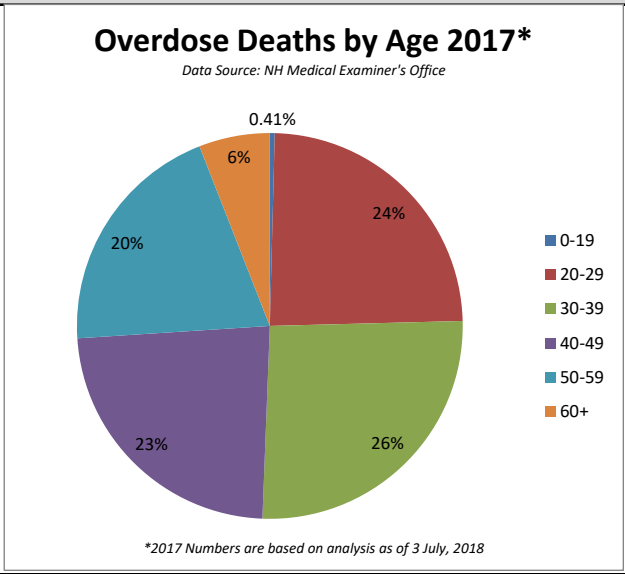
***** IMPORTANT DATA NOTES*****

- 2017 and 2018 Total numbers are based on analysis as of 3 July, 2018.
- There are currently 2 cases "pending toxicology" for 2017.
- Analysis is based on county where the drug (s) is suspected to have been used.

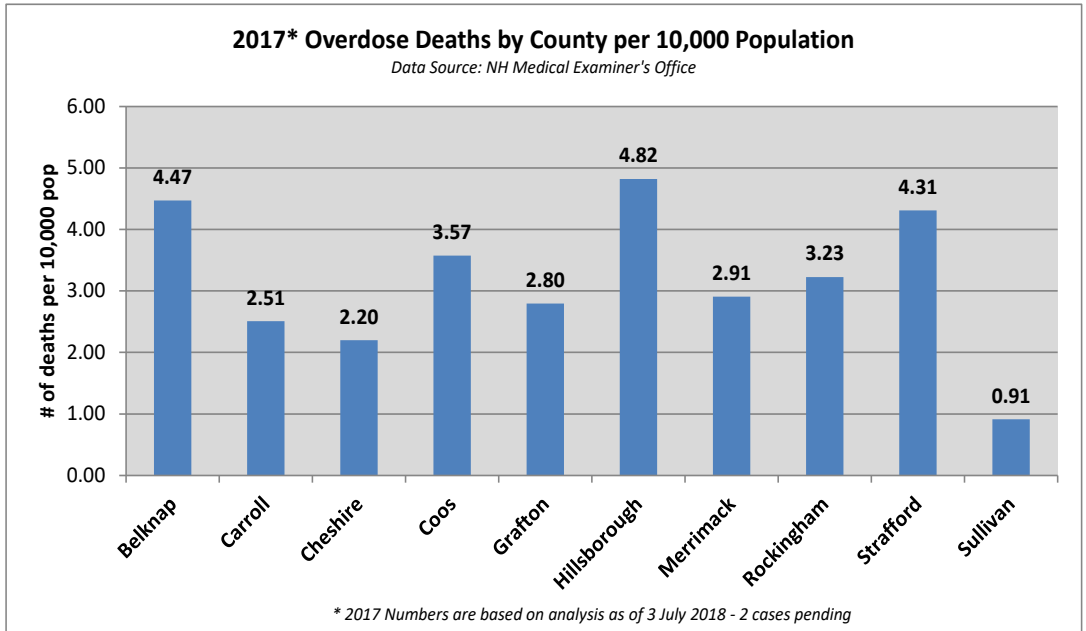


** 2017 Projected numbers are based on analysis as of 12 June 2018 - 2 cases pending*

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



**2017 Numbers are based on analysis as of 3 July, 2018*

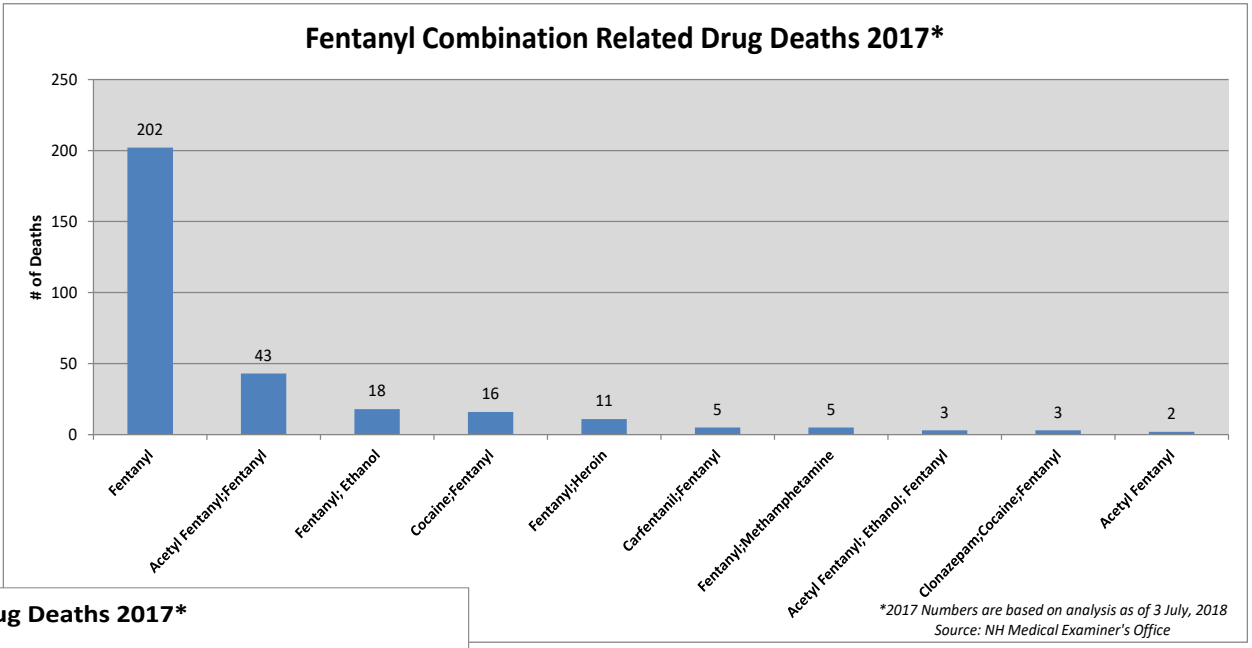


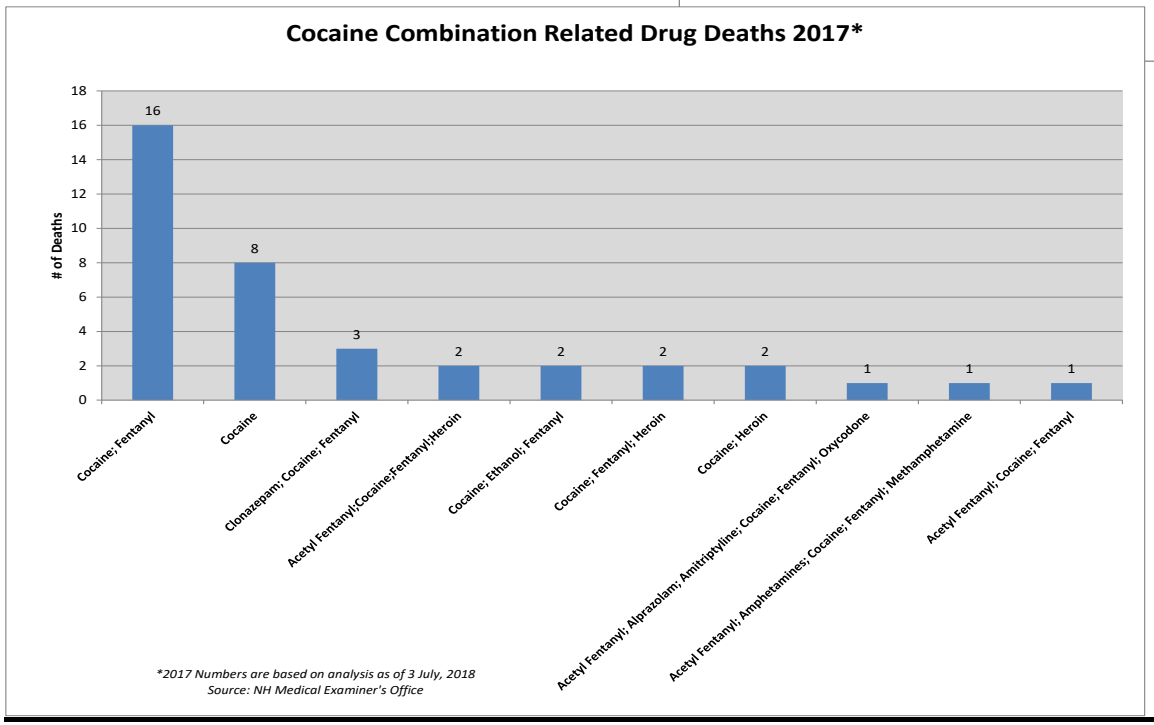
** 2017 Numbers are based on analysis as of 3 July 2018 - 2 cases pending*

Drug Overdose Deaths (Continued):

Data Source: NH Medical Examiner's Office

Fentanyl Combinations (Top 10)	
Fentanyl	202
Acetyl Fentanyl; Fentanyl	43
Fentanyl; Ethanol	18
Cocaine; Fentanyl	16
Fentanyl; Heroin	11
Carfentanil; Fentanyl	5
Fentanyl; Methamphetamine	5
Acetyl Fentanyl; Ethanol; Fentanyl	3
Clonazepam; Cocaine; Fentanyl	3
Acetyl Fentanyl	2





Cocaine Combinations (Top 10)	
Cocaine; Fentanyl	16
Cocaine	8
Clonazepam; Cocaine; Fentanyl	3
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2
Cocaine; Ethanol; Fentanyl	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

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 July 3, 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.
2 cases pending

Prepared by:
NH Information & Analysis Center

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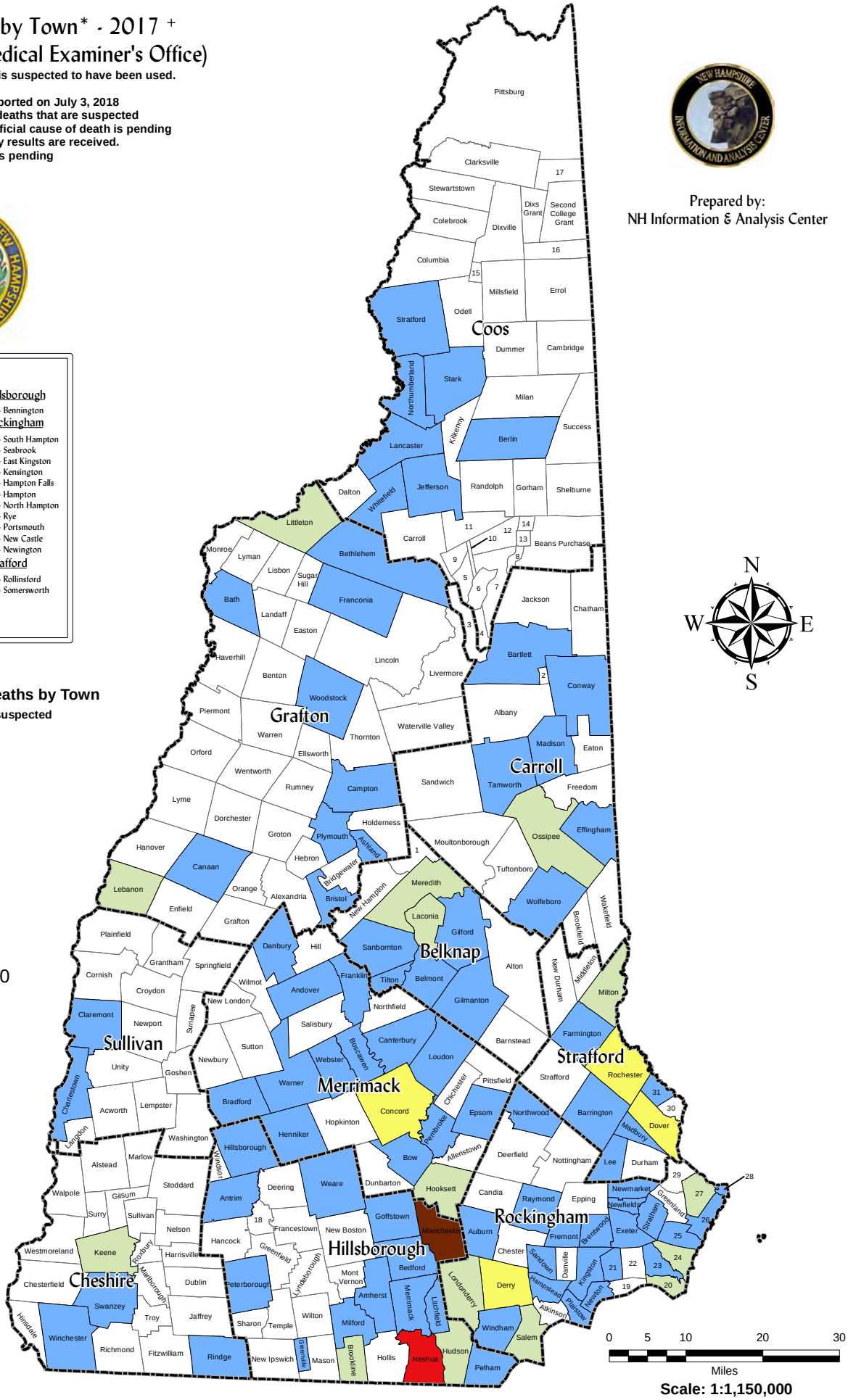
22 - Kensington
23 - Hampton Falls
24 - Hampton
25 - North Hampton
26 - Rye
27 - Portsmouth
28 - New Castle
29 - Newington

Strafford
30 - Rollinsford
31 - Somersworth

Number of Overdose Deaths by Town
***Location where the drug(s) is suspected to have been used.**

- 1 - 4
- 5 - 10
- 11 - 25
- 26 - 50
- 51 - 100
- 101 - 150



EMS Narcan Administration:

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

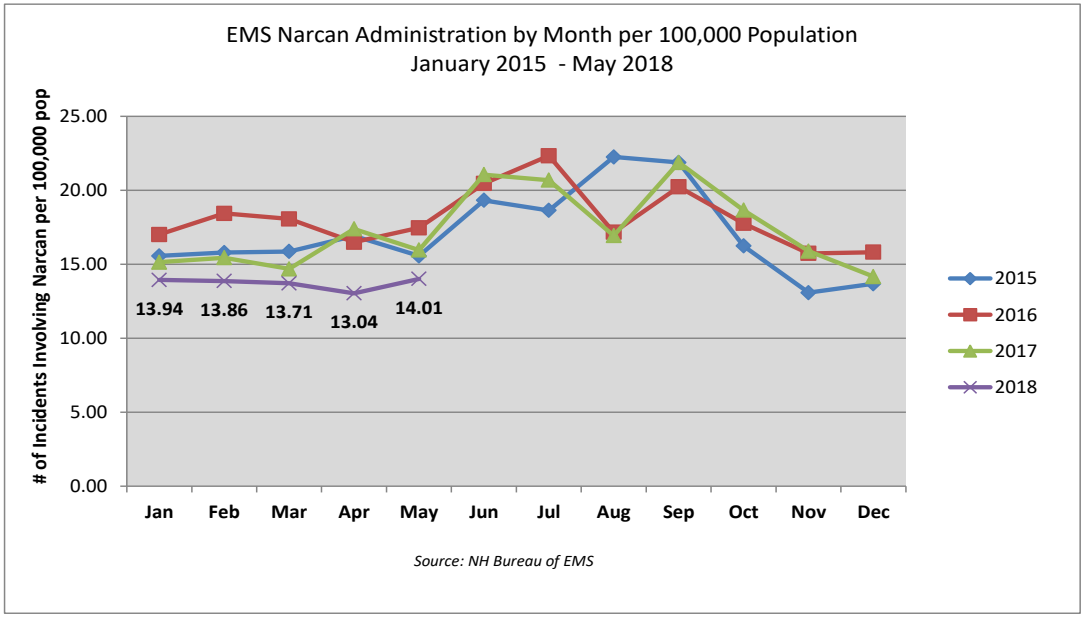
Right click on the paperclip and select "Open File" to view additional data.

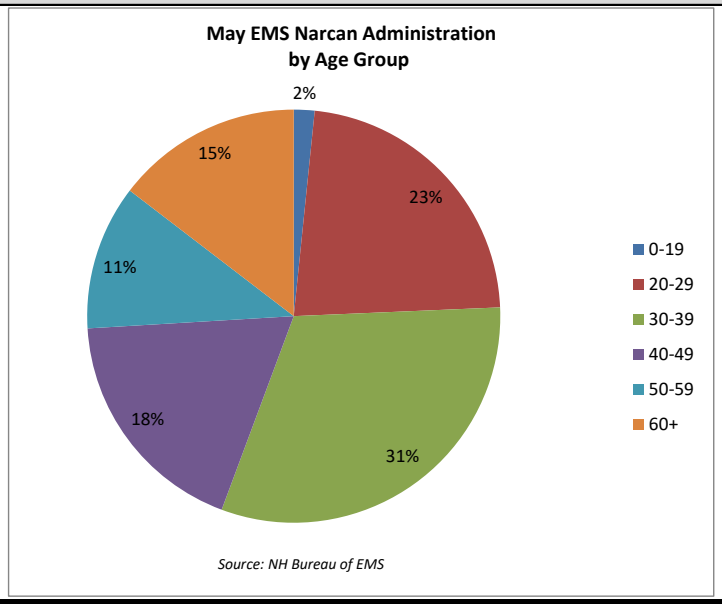
Trends:

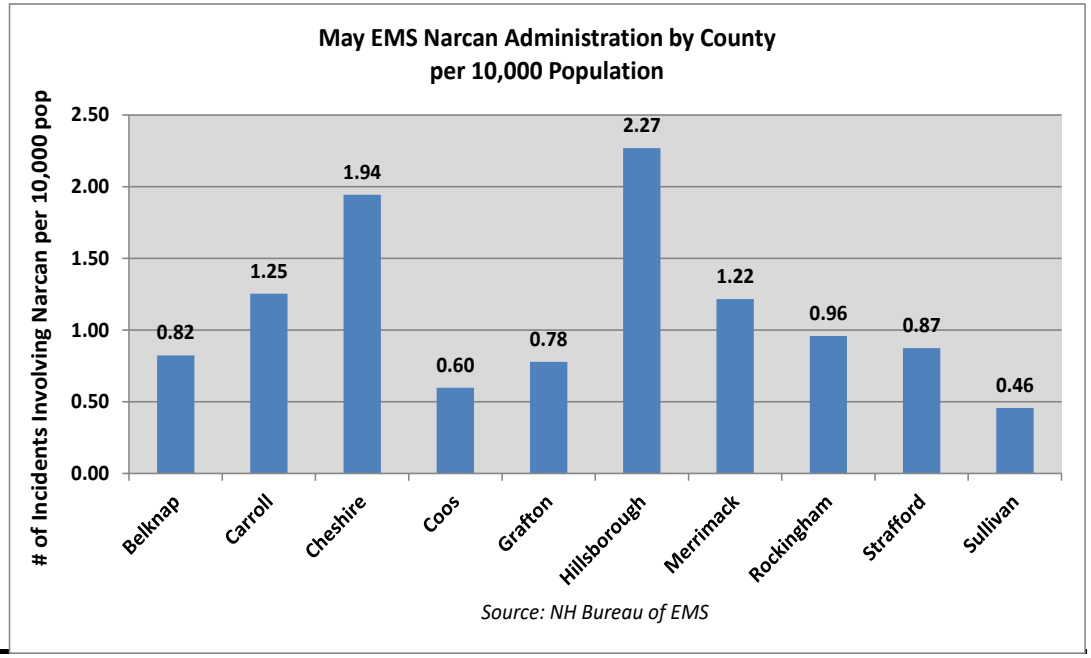
- EMS Narcan administration incidents increased by 7.5% from April to May.
- In May Hillsborough County had the most EMS Narcan administration incidents per capita with 2.27 incidents per 10,000 population.
- Cheshire had the second highest EMS Narcan administration incidents per capita with 1.94 incidents 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 May.
- NH Bureau of EMS Percentage of "lives saved" decreased by 2% from April to May.

***** 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.

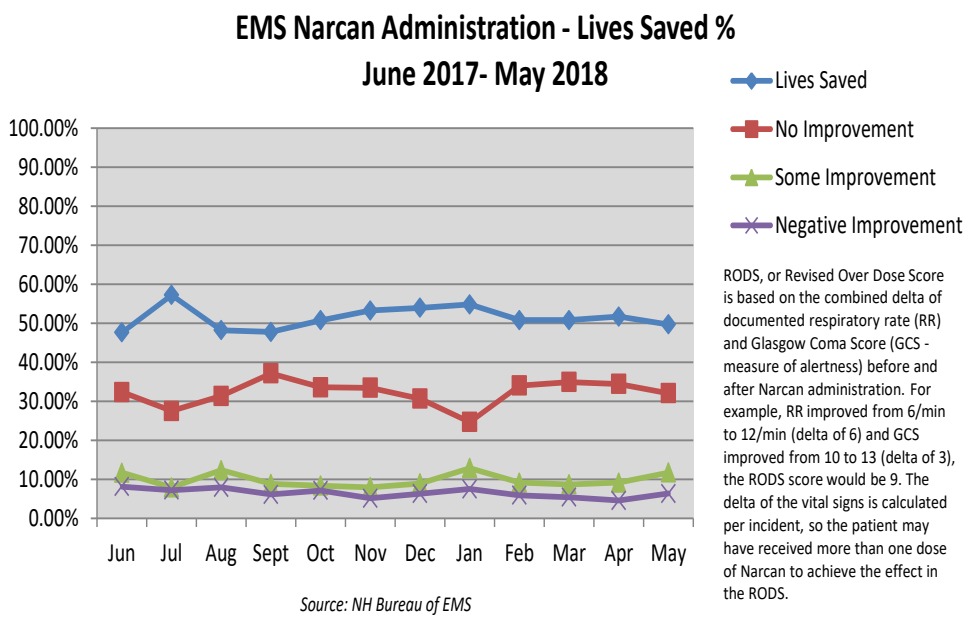






EMS Narcan Administration (Continued):

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

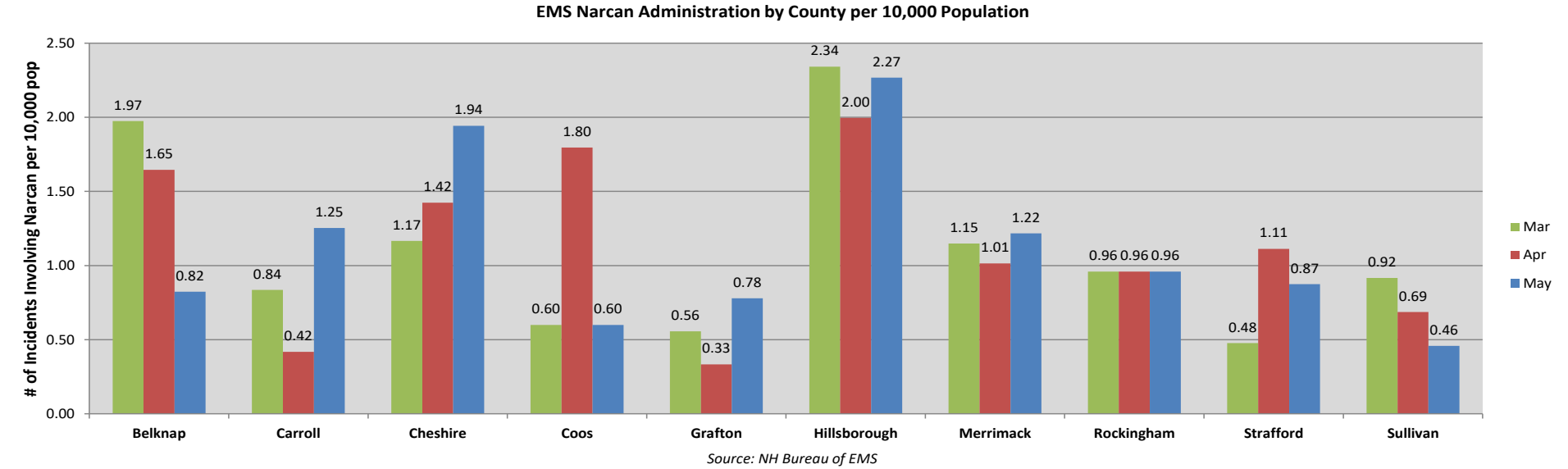


RODS, or Revised Over Dose Score is based on the combined delta of documented respiratory rate (RR) and Glasgow Coma Score (GCS - measure of alertness) before and after Narcan administration. For example, RR improved from 6/min to 12/min (delta of 6) and GCS improved from 10 to 13 (delta of 3), the RODS 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 of 0*	91	76	71	108	83	71	58	46	63	64	60	60
Some Improvement *RODS Score 1-7*	33	22	28	26	21	17	17	24	17	16	16	22
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**

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
6/1/2017 – 5/31/2018
Data Source: New Hampshire Bureau of EMS

Prepared by:
NH Information & Analysis Center

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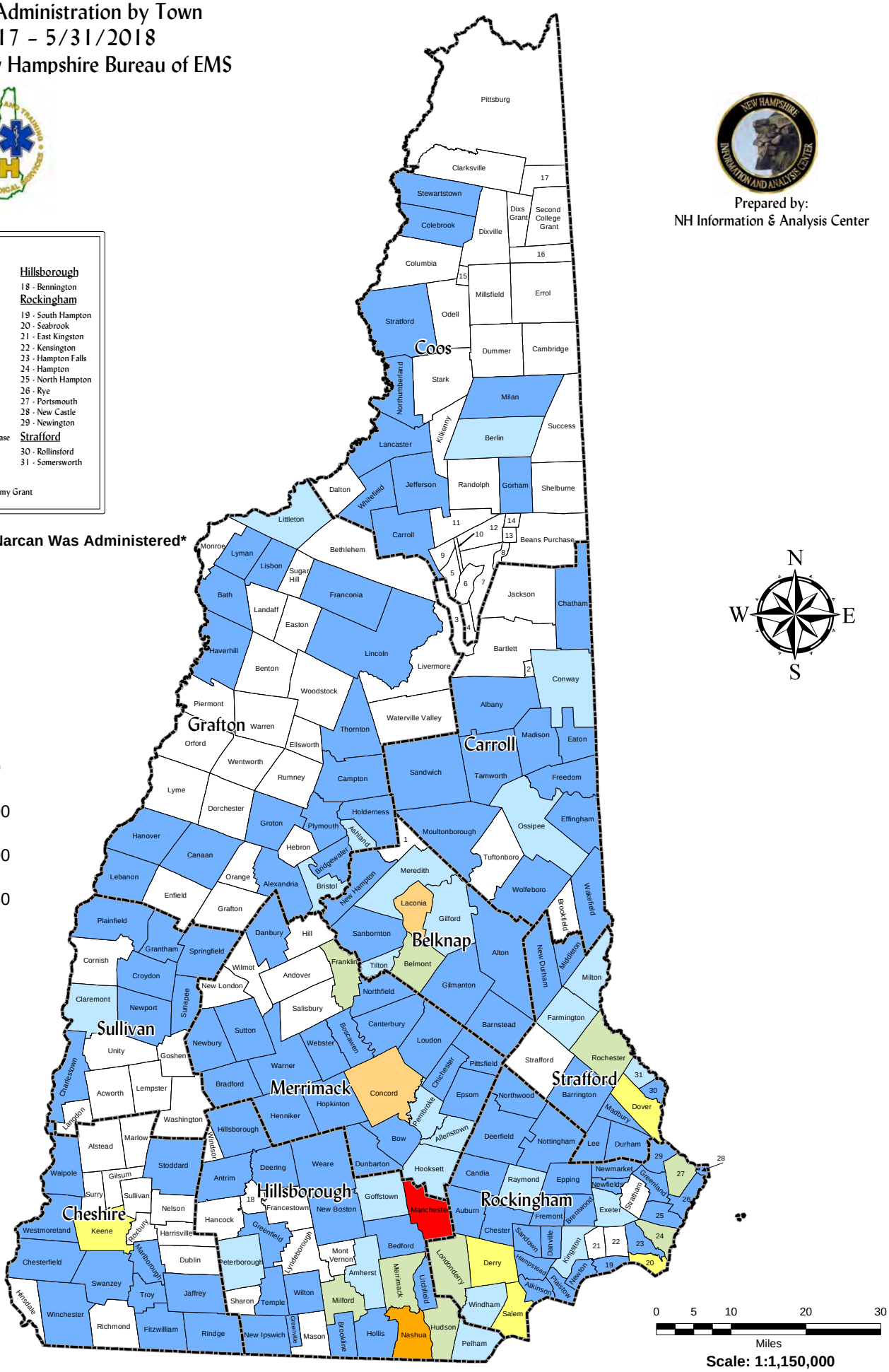
Incidents Where Narcan Was Administered

- 0
- 1 - 10
- 11 - 25
- 26 - 50
- 51 - 100
- 101 - 200
- 201 - 500
- 501 - 750



Opioid Related Emergency Department Visits:

Data Source: NH Division of Public Health Services

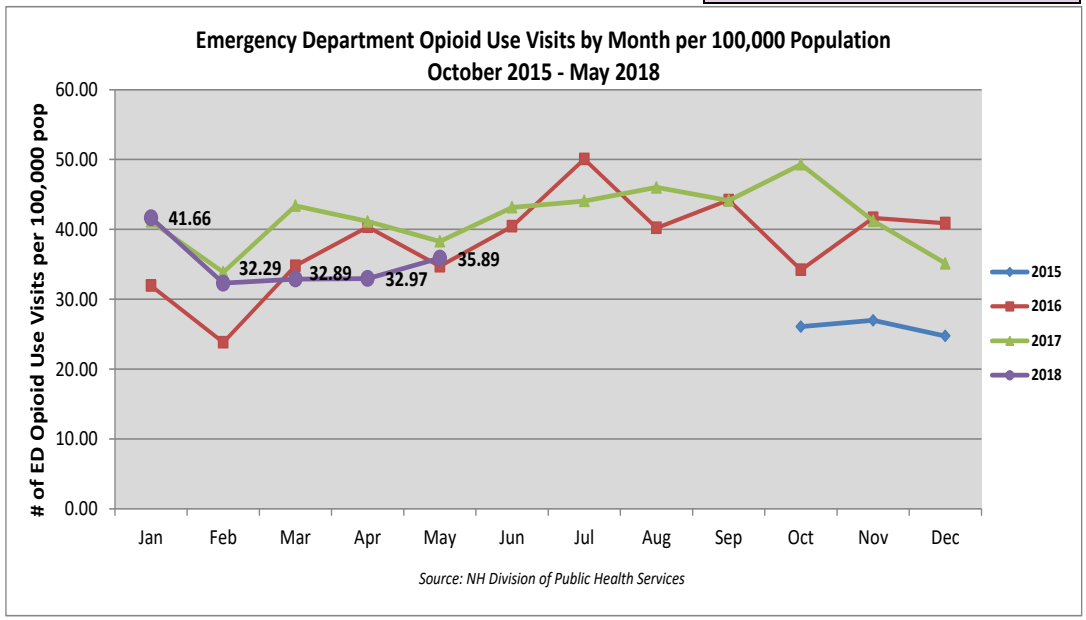
Right click on the paperclip and select "Open File" to view additional data.

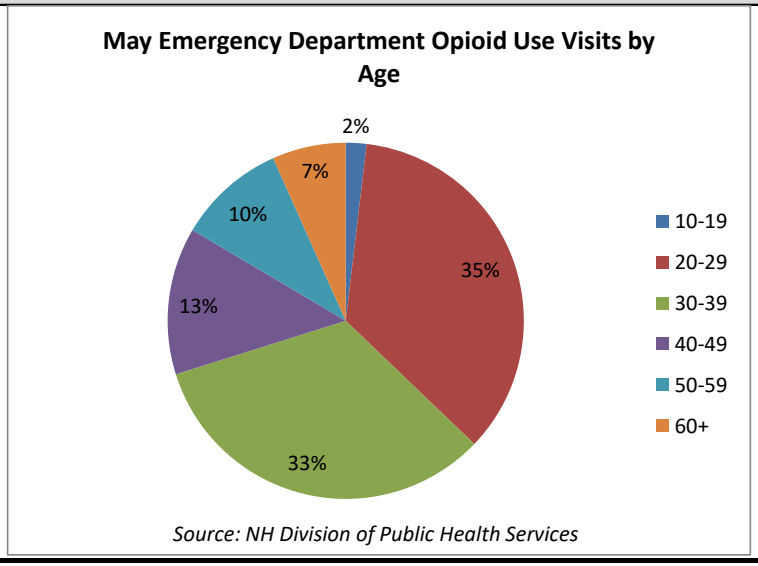
Trends:

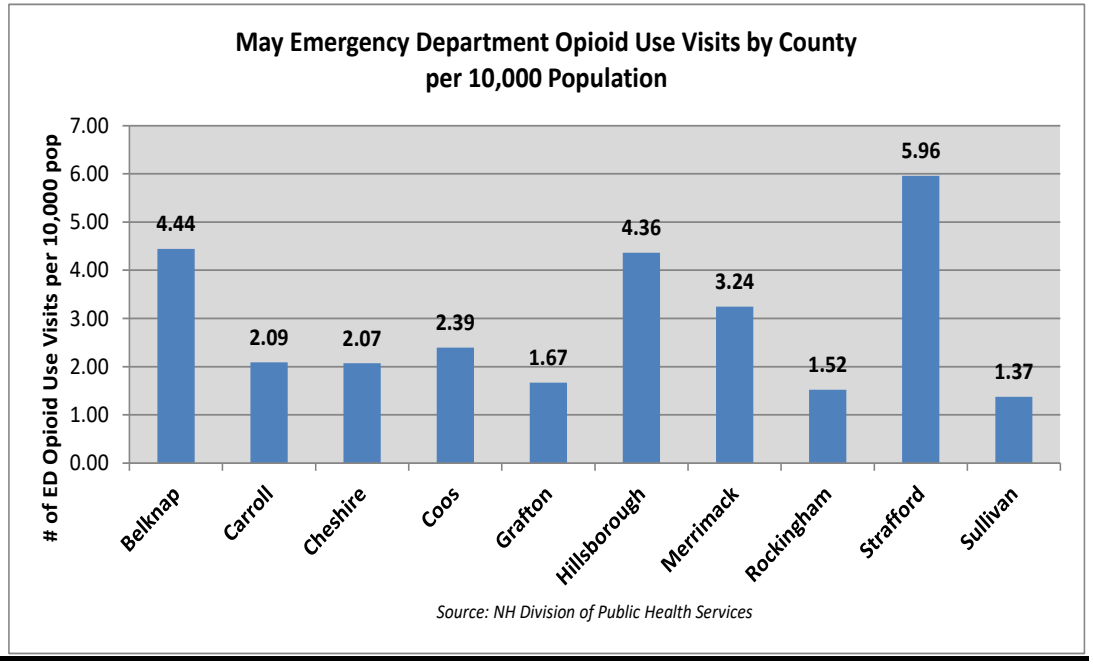
- Opioid related ED visits increased by 9%from April to May 2018.
- In May residents from Strafford County had the most opioid related ED visits per capita with 5.96 visits per 10,000 population.
- Belknap County residents had the second highest number of opioid related ED visits per capita with 4.44 visits per 10,000 population.
- The age group with the largest number of opioid related ED visits was 20-29 with 35% of all opioid related ED visits for May, followed closely by 30-39, with 33%

***** 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.

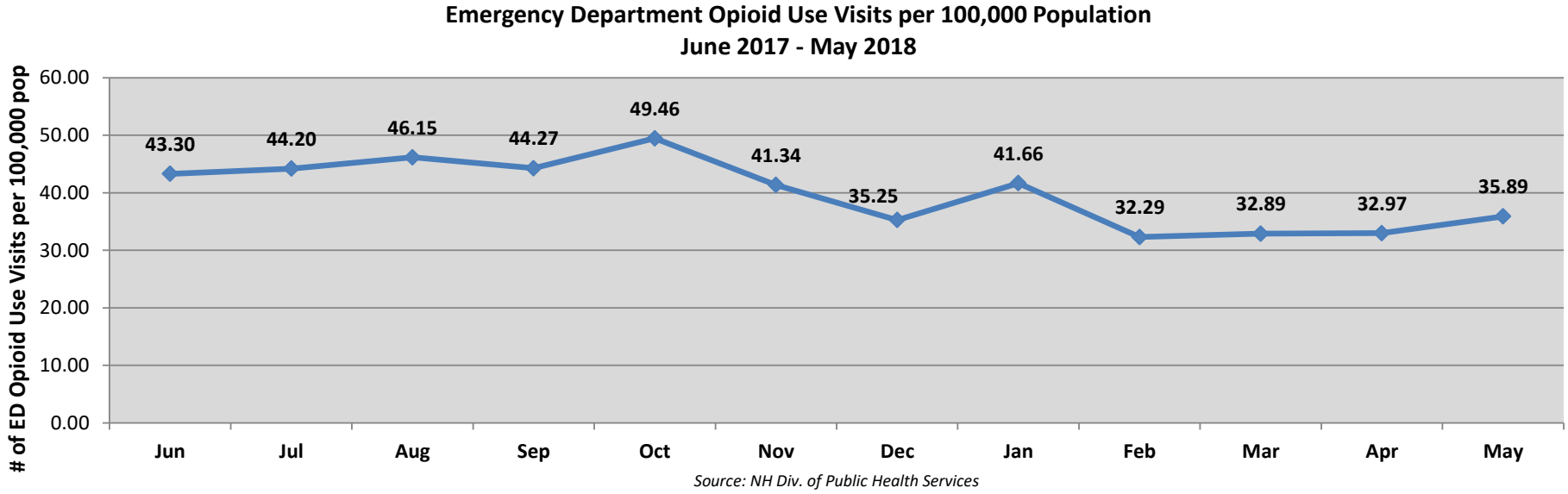


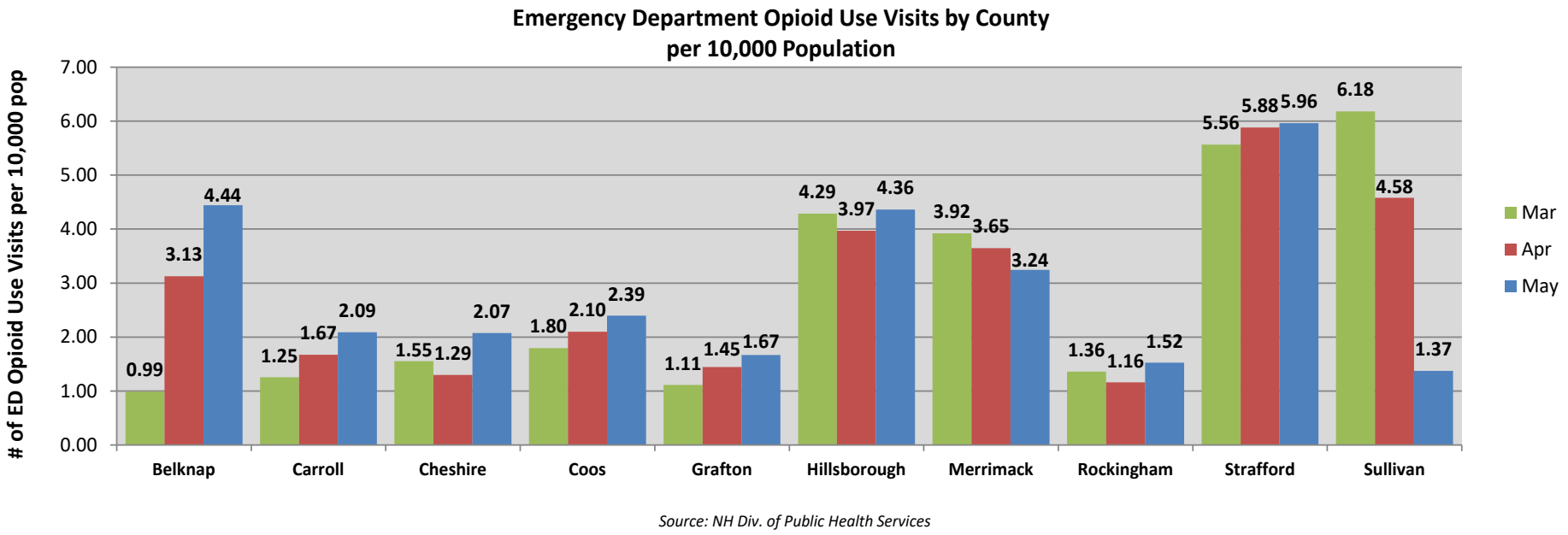




Opioid Related Emergency Department Visits (Continued):

Data Source: NH Division of Public Health Services





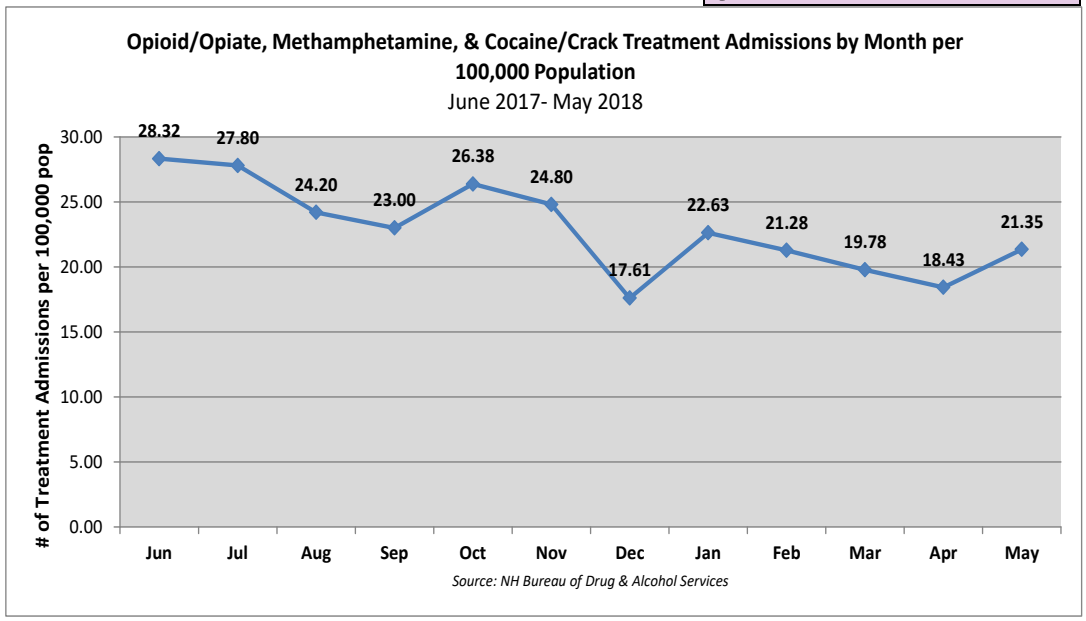
Treatment Admissions:

Data Source: NH Bureau of Drug & Alcohol Services

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

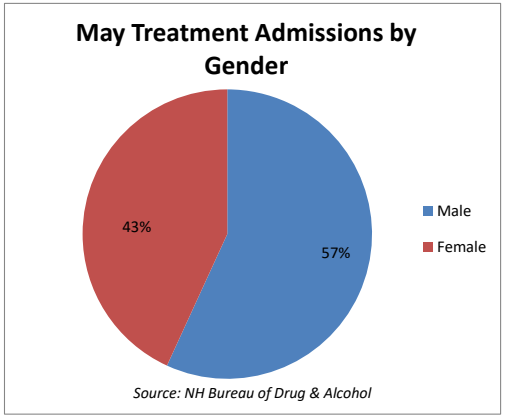
Trends:

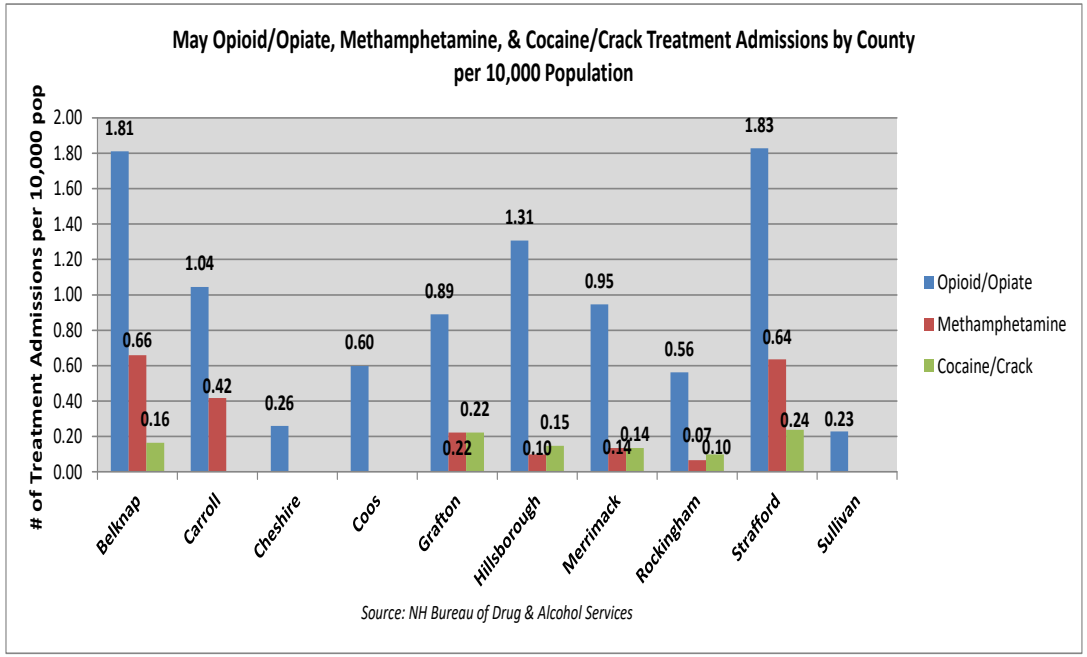
- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions increased by 16% from April to May.
- In May residents from Strafford and Belknap County were admitted most often for opioid/opiate treatment per capita with 1.83 and 1.81 admissions per 10,000 population respectively.
- More males than females were admitted to treatment programs in May for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions increased by 34.5% from April to May.
- Cocaine/Crack treatment admissions decreased by 11% from April to May.
- Heroin/Fentanyl treatment admissions increased by 2.4% from April to May.



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

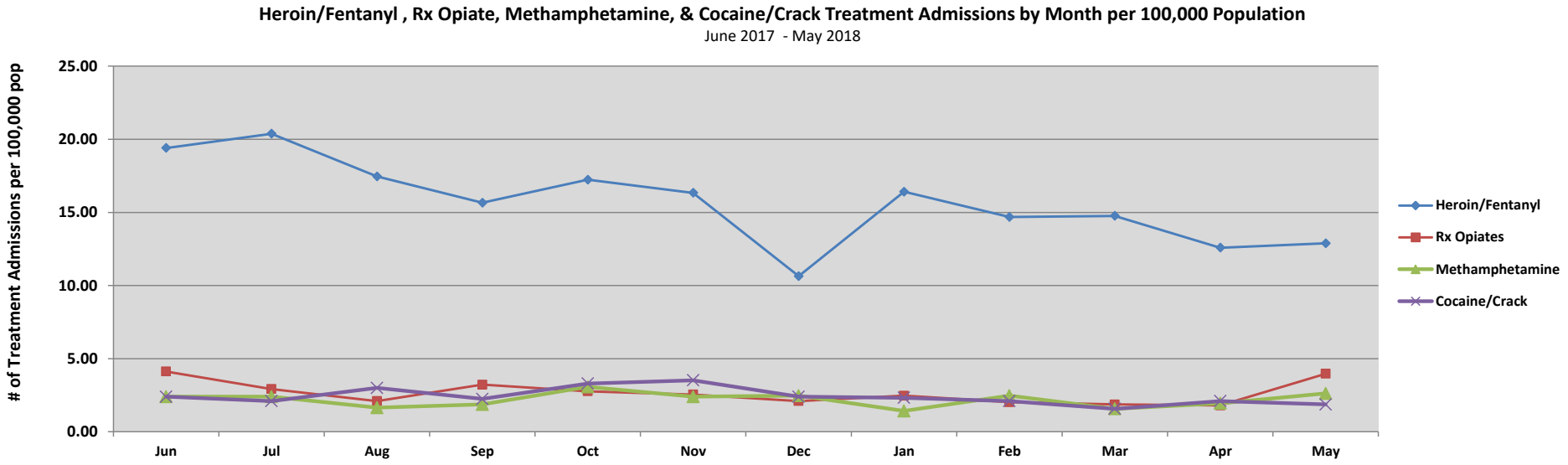
- County represents where the patient resides.
- These data represent treatment admissions to state funded facilities.
- These data have decreased due to numerous factors. The Affordable Care Act has been fully implemented, resulting in increased access to affordable health insurance and coverage for 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.



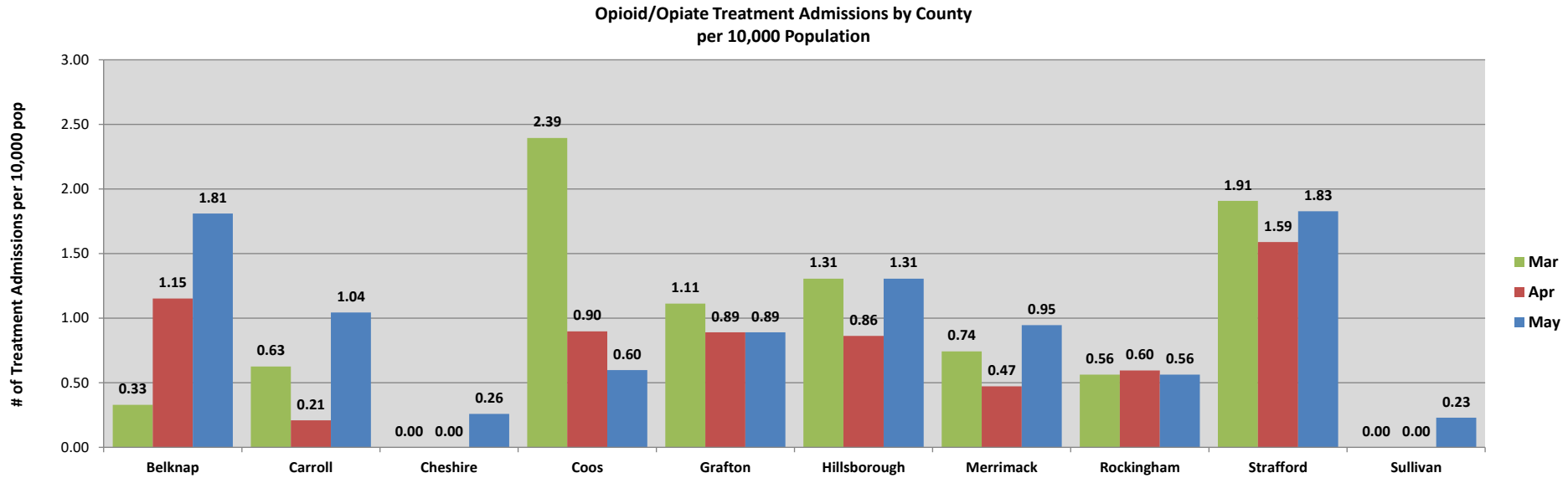


Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services



Source: NH Bureau of Drug & Alcohol Services



Source: NH Bureau of Drug & Alcohol Services

Situational Awareness:

NEW HAMPSHIRE SAFE STATIONS

Manchester Safe Station Began 5/4/2016

Nashua Gateway to Recovery Began 11/17/2016

	Manchester As of 7/2/2018		Nashua As of 7/2/2018	
	Q2 2018	Total	Q2 2018	Total
Number of requests at MFD/NFR for Safe Station:	216	3532	247	1879
Number of participants transported to hospitals:	52	809	30	183
Number of participants taken to Substance Misuse Treatment Facilities:	163	2709	216	1671
Average length of time company "Not Available":	15 Min	16.2 Min	8.9 Min	10.7 Min
Number of UNIQUE participants:	192	2783	198	1397
Number of REPEAT participants:	101	1411	142	991
Number of unique participants seen in both City's SafeStation Program	323			

NH Gets $23M Boost to Battle the Opioid Epidemic

The Trump administration increased federal money to fight the opioid epidemic in New Hampshire, announcing more than a seven-fold boost in grants for prevention, treatment and law enforcement.

The news caps a nearly two-year aggressive lobbying campaign by Democratic U.S. Sens. Jeanne Shaheen and Maggie Hassan, who got bipartisan buy-in for the prospect of changing the aid formula to benefit hardest-hit states.

The discretionary grants for New Hampshire would go from $3 million annually to $26 million and must be spent between now and the end of the current federal budget year on September 30, both senators have confirmed.

In future years under the budget deal, New Hampshire could get still more additional money because high mortality rates becomes a bigger component for all SAMHSA grant programs over this issue.

Source: www.UnionLeader.com 6/14/2018

DOJ to Send 2 New Prosecutors to New Hampshire to Fight Violent Crime

U.S. Attorney General Jeff Sessions announced the addition of more than 300 new prosecutors across the country, including two in New Hampshire. This is welcome news in Concord, where New Hampshire's U.S. Attorney Scott Murray says there is a lack of resources in his office when it comes to prosecution.

One of the new positions will focus on violent crime, which Murray said is driven by the opioid crisis. "It creates situations where people commit burglaries in order to steal firearms to leave the state to sell them to get drugs," he said.

The second position will focus on civil enforcement of federal laws. "But also with respect with the opioid issue, it could be directed at dealing with entities that overprescribe or violate drug enforcement regulations with respect to prescriptions." Murray said.

Source: www.WMUR.com 6/5/2018

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.