New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

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NHIAC Product #: 2017-2962

April 2017 Report

22 May 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 stake-holders as well as situational awareness releases as needed.*

Drug Environment Report—UNCLASSIFIED

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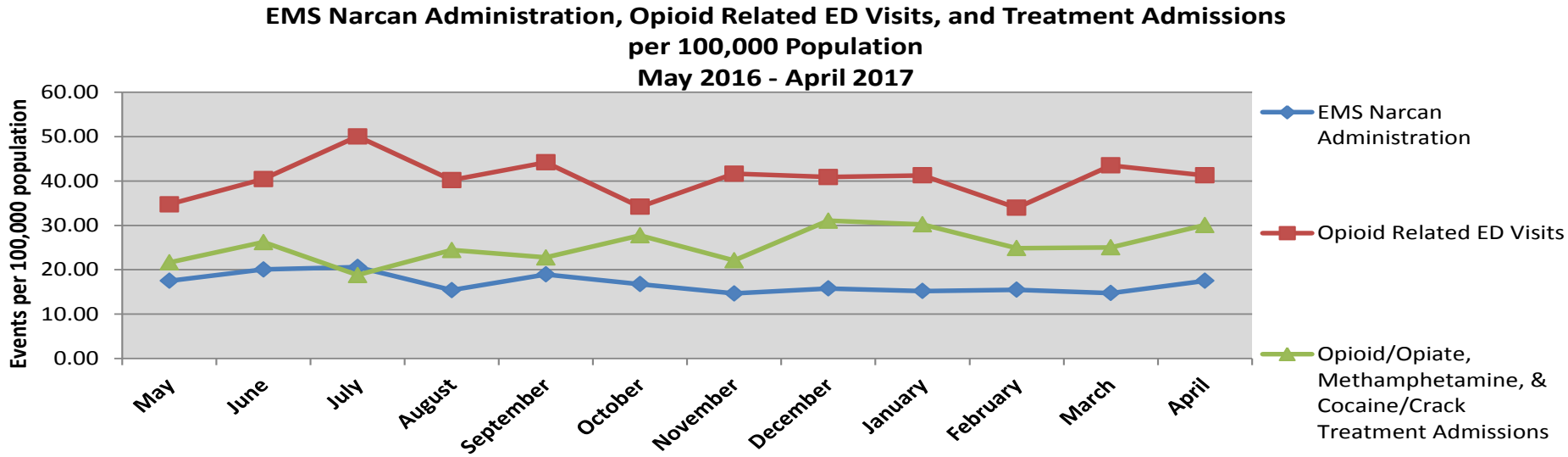
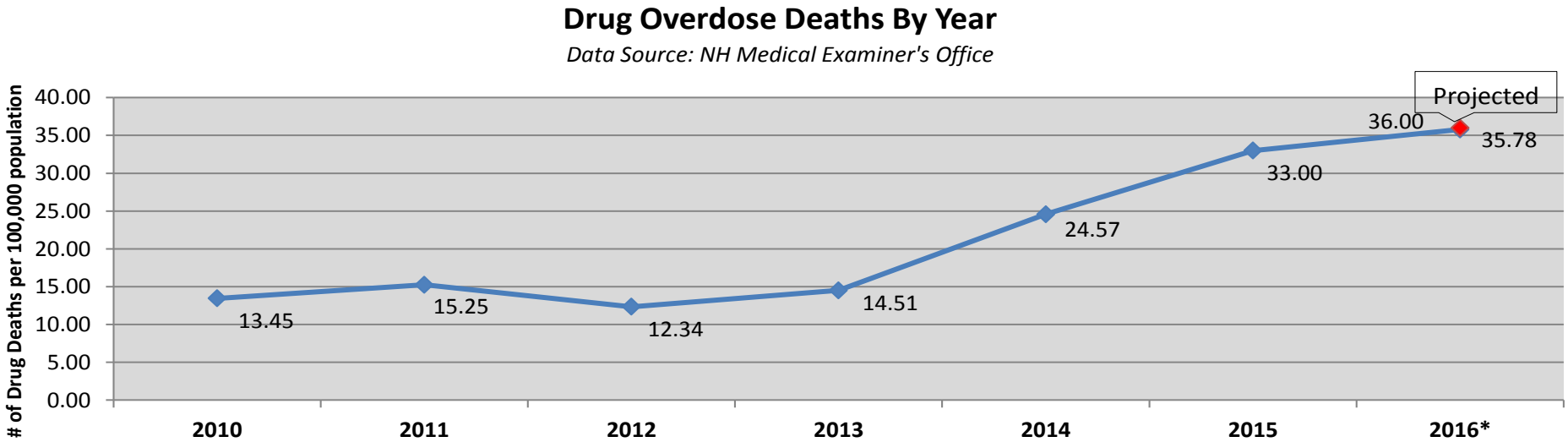
⇒ Population data source: http://www.nh.gov/oep/data-center/population-estimates.htm
- Year/month overview charts are based on annual estimates from the above website. County charts are based on a 2015 estimated population of each county.

⇒ 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:



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



** 2016 Numbers are based on analysis as of 5 May 2017- 3 Cases still pending*

Drug Overdose Deaths:

Data Source: NH Medical Examiner's Office

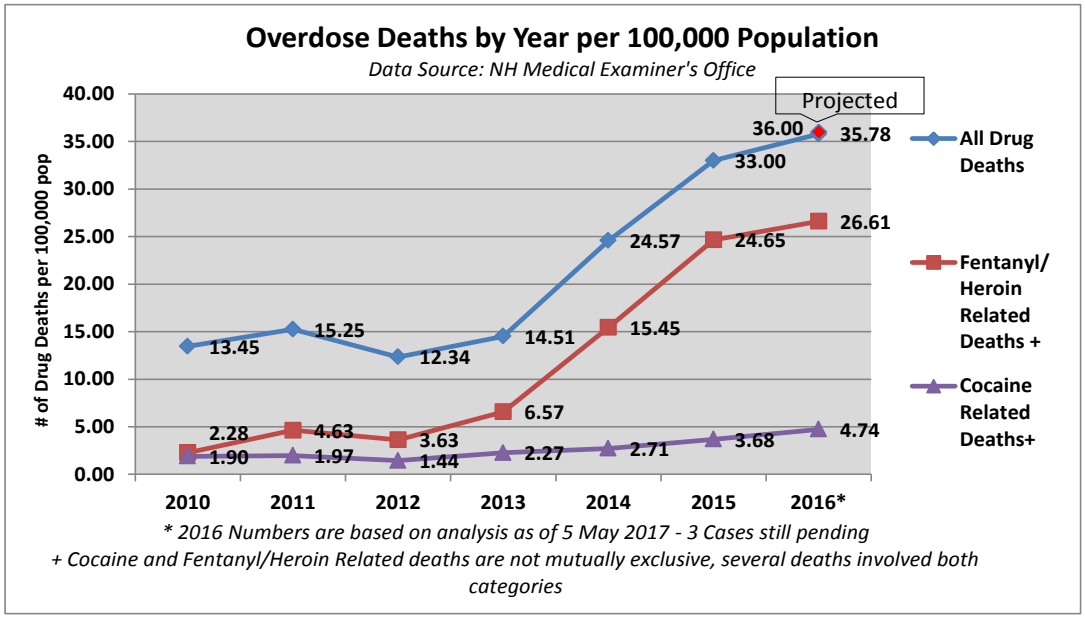
Right click on the paperclip and select "Open File" to view additional data.

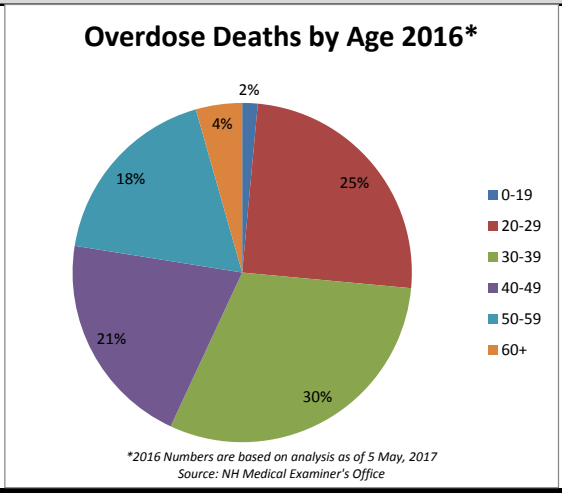
Trends:

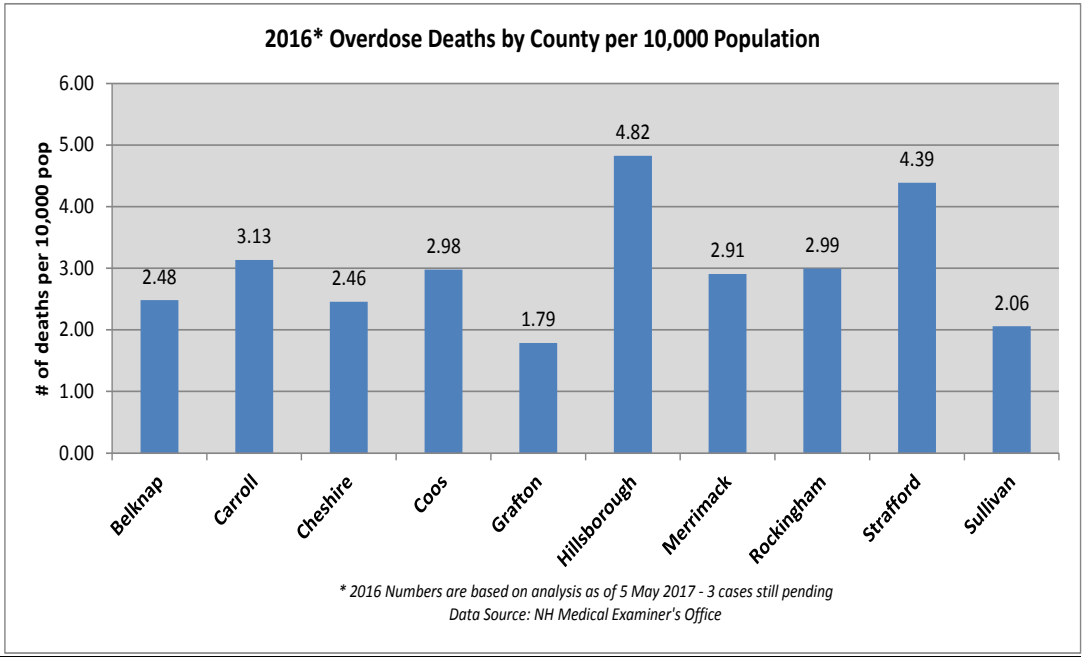
- Drug overdose deaths are projected to increase by 9% from 2015 to 2016.
- In 2016 Hillsborough County had the highest suspected drug use resulting in overdose deaths per capita at 4.82 deaths per 10,000 population.
- Strafford County had the second highest suspected drug use resulting in overdose deaths per capita at 4.39 deaths per 10,000 population.
- The age group with the largest number of drug overdose deaths is 30-39 which represents 30% of all overdose deaths for 2016.
- Fentanyl only deaths accounted for 198 deaths. Cocaine and Fentanyl only deaths accounted for 25 deaths in 2016.

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

- 2016 Numbers are based on analysis as of 5 May 2017. There are 3 cases from 2016 that are "pending toxicology". It can take 2-3 months to receive toxicology results and determine the cause of death.
- There are 73 confirmed drug deaths for 2017 with 86 cases "pending toxicology".
- Analysis is based on county where the drug (s) is suspected to have been used.



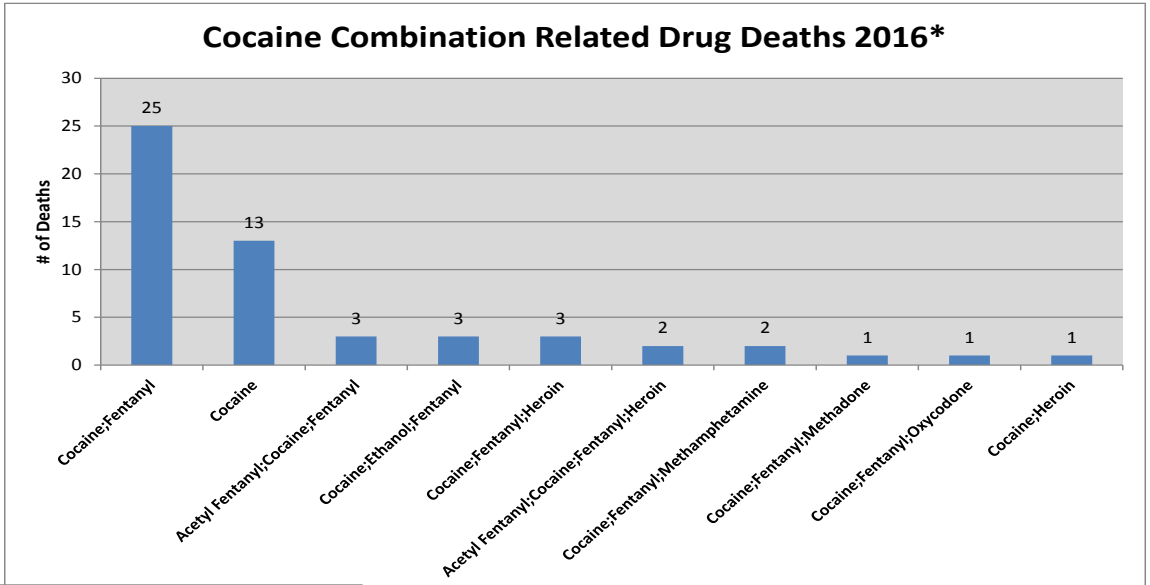




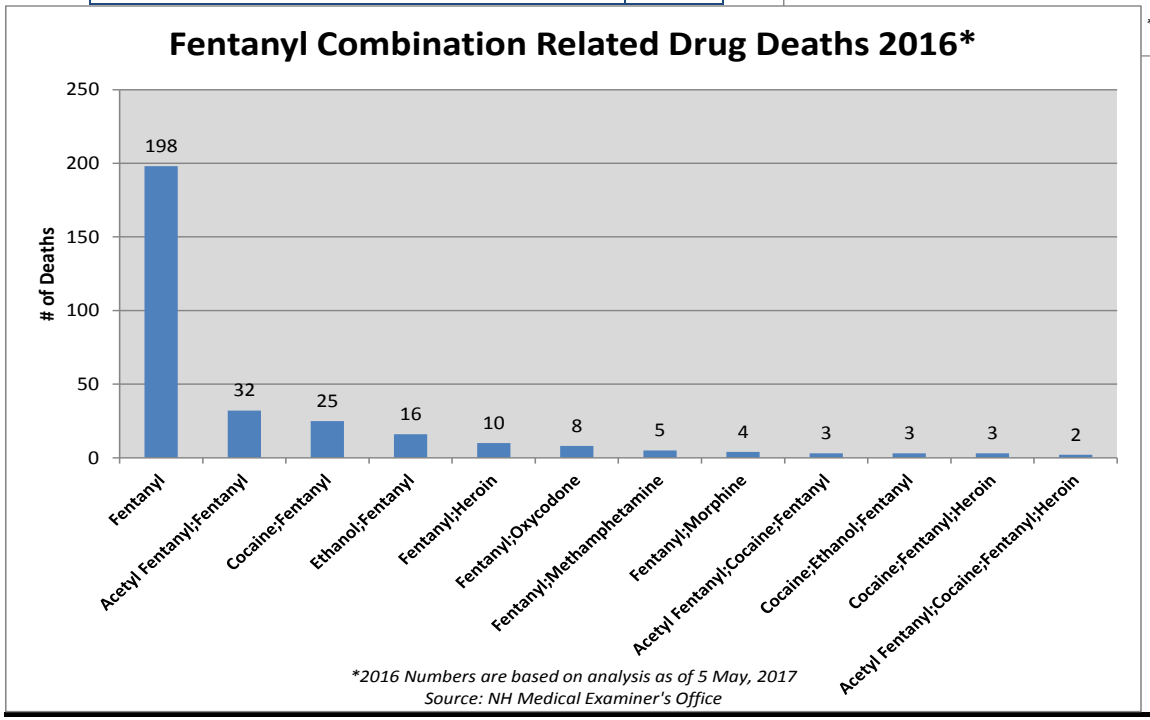
Drug Overdose Deaths (Continued):

Data Source: NH Medical Examiner's Office

Cocaine Combinations	
Cocaine; Fentanyl	25
Cocaine	13
Acetyl Fentanyl; Cocaine; Fentanyl	3
Cocaine; Ethanol; Fentanyl	3
Cocaine; Fentanyl; Heroin	3
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2
Cocaine; Fentanyl; Methamphetamine	2
Cocaine; Fentanyl; Methadone	1
Cocaine; Fentanyl; Oxycodone	1
Cocaine; Heroin	1



**2016 Numbers are based on analysis as of 5 May, 2017*
Source: NH Medical Examiner's Office



**2016 Numbers are based on analysis as of 5 May, 2017*
Source: NH Medical Examiner's Office

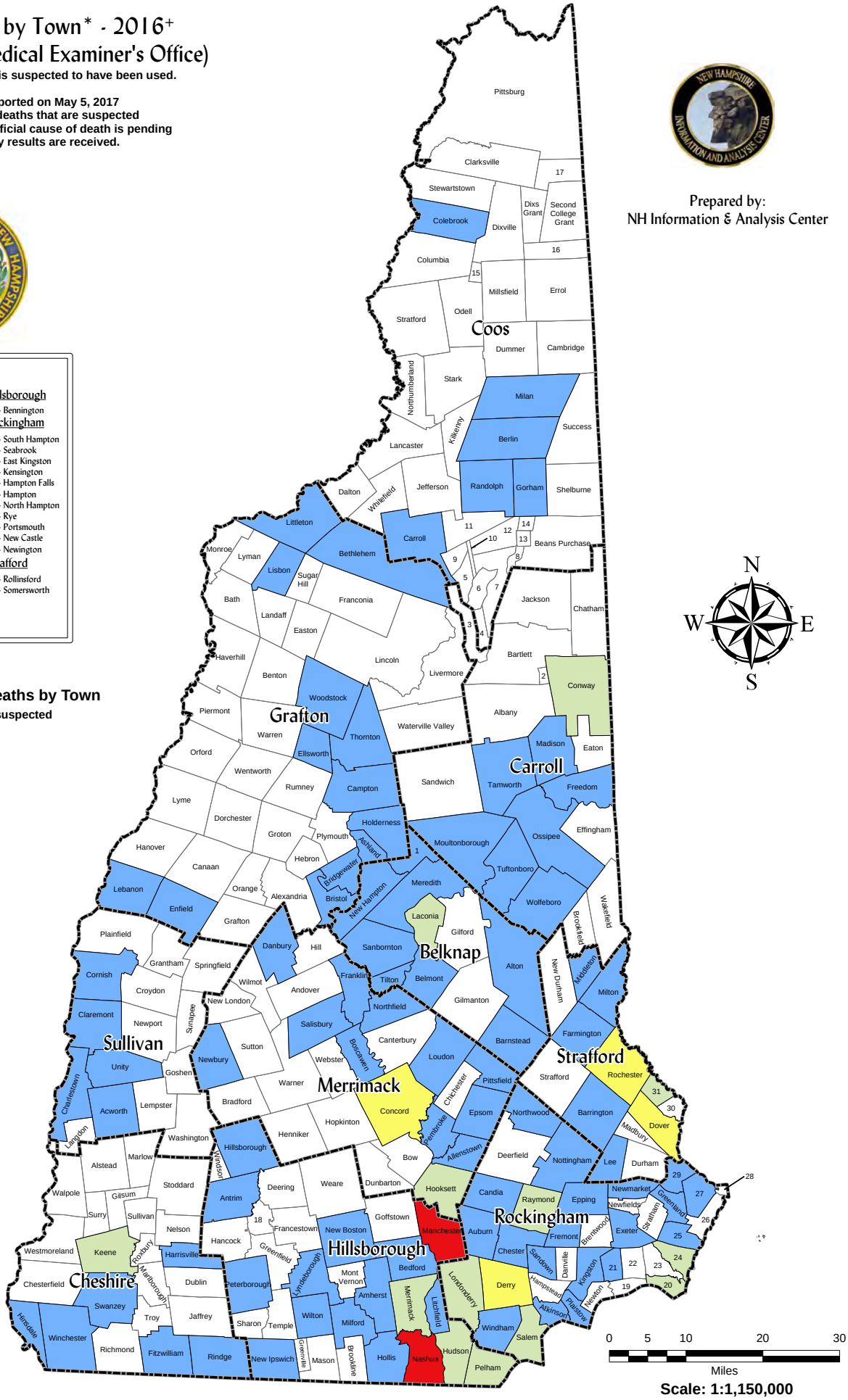
Fentanyl Combinations	
Fentanyl	198
Acetyl Fentanyl; Fentanyl	32
Cocaine; Fentanyl	25
Ethanol; Fentanyl	16
Fentanyl; Heroin	10
Fentanyl; Oxycodone	8
Fentanyl; Methamphetamine	5
Fentanyl; Morphine	4
Acetyl Fentanyl; Cocaine; Fentanyl	3
Cocaine; Ethanol; Fentanyl	3
Cocaine; Fentanyl; Heroin	3
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2

Overdose Deaths by Town* - 2016+
(Data Source: NH Medical Examiner's Office)

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

+2016 data was reported on May 5, 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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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 and greater

EMS Narcan Administration:

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

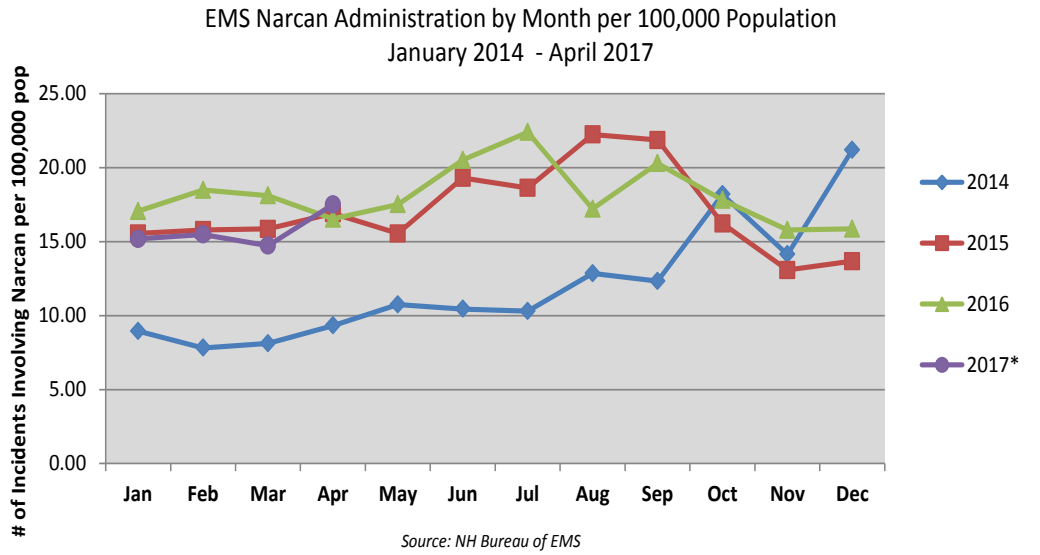
Right click on the paperclip and select "Open File" to view additional data.

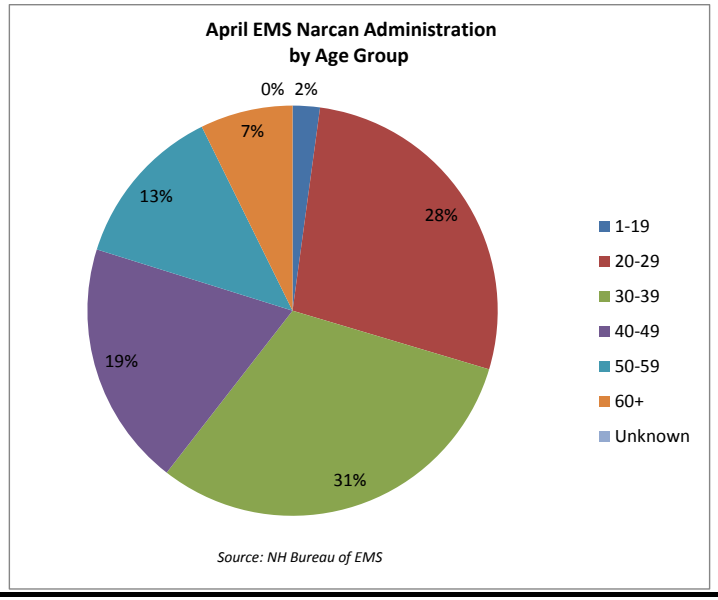
Trends:

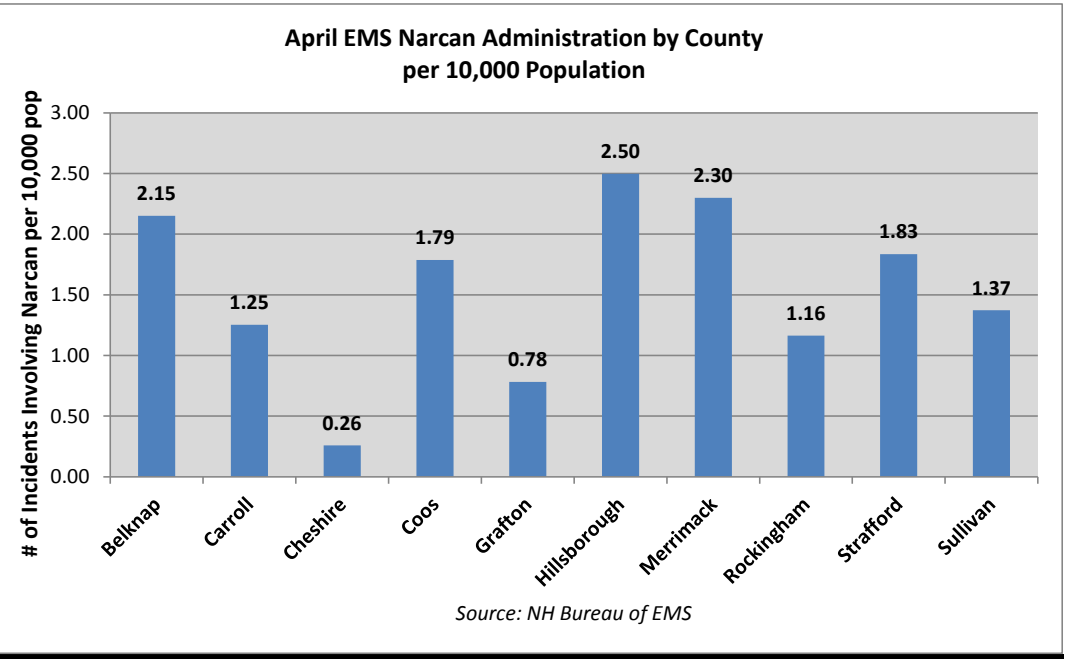
- EMS Narcan administration increased by 19% from March to April.
- In April Hillsborough County had the most EMS Narcan administration incidents per capita with 2.50 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 101 incidents in April.
- The age group with the largest number of EMS Narcan administration incidents is 30-39 which represents 31% of all EMS Narcan administration incidents for April.
- NH Bureau of EMS "lives saved" has increased by 45.5% from March to April.

***** 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.

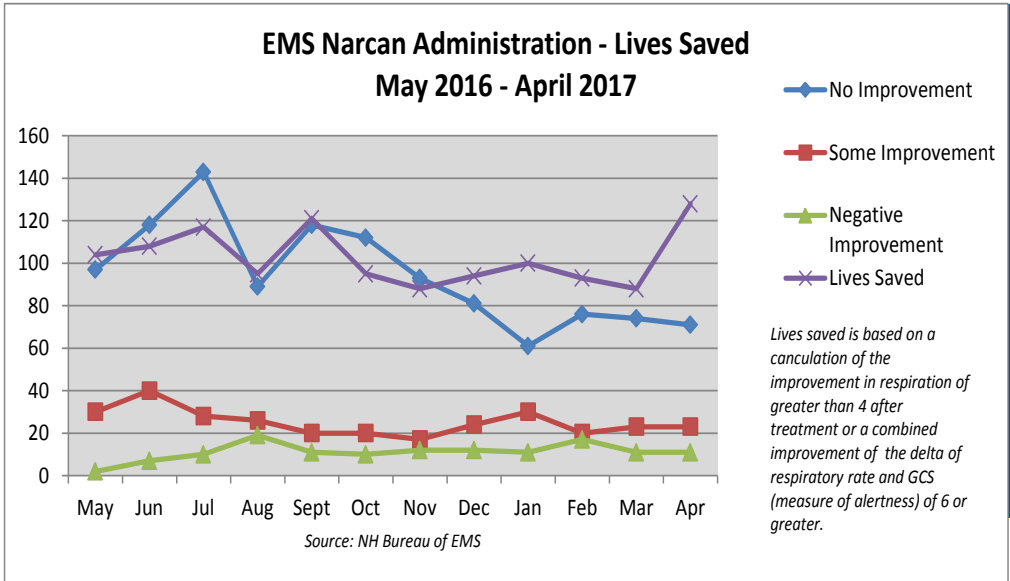






EMS Narcan Administration (Continued):

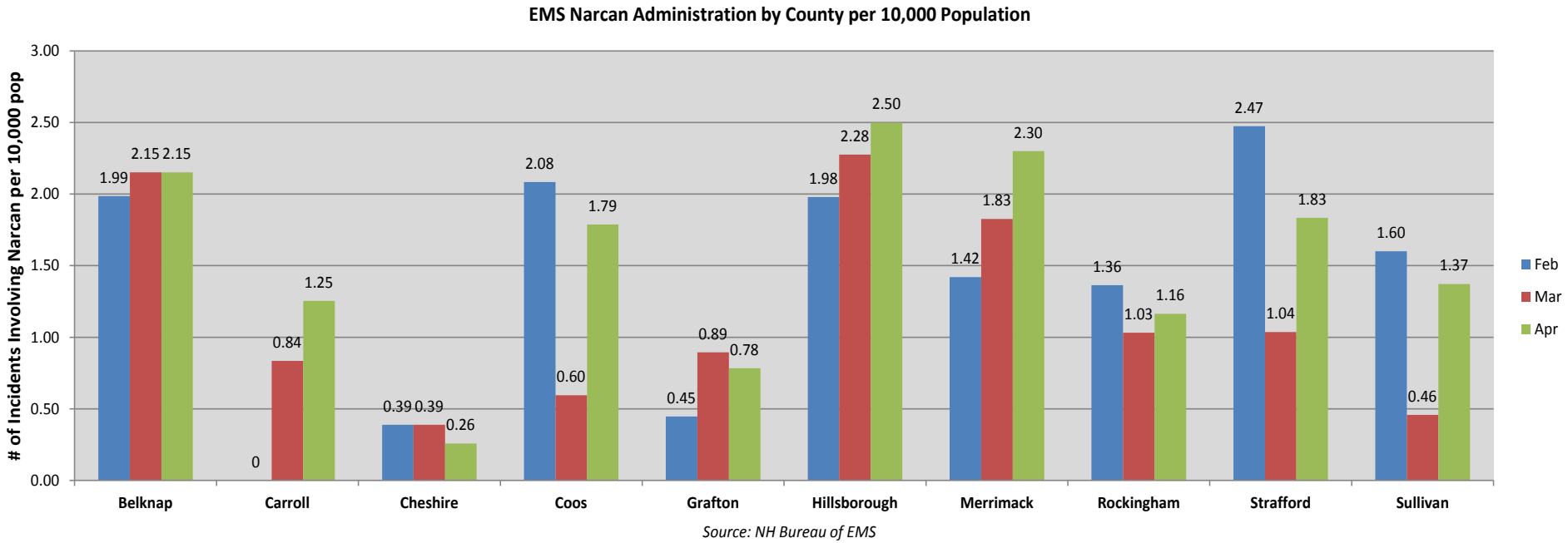
Data Source: NH Bureau of Emergency Medical Services (EMS)



EMS Narcan Administration—Lives Saved

Source: NH Bureau of EMS	2016								2017			
RODS Outcome	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**
No Improvement	97	118	143	89	118	112	93	81	61	76	74	71
Some Improvement	30	40	28	26	20	20	17	24	30	20	23	23
Negative Improvement	2	7	10	19	10	10	12	12	11	17	11	11
Lives Saved	104	108	117	95	121	95	88	94	100	93	88	128
Total	**233**	**273**	**298**	**229**	**270**	**237**	**210**	**211**	**202**	**206**	**196**	**233**

Lives saved is based on a calculation of the improvement in respiration of greater than 4 after treatment or a combined improvement of the delta of respiratory rate of GCS (measure of alertness) of 6 or greater.



EMS/Narcan Administration by Town
5/1/2016 – 4/30/2017
Data Source: New Hampshire Bureau of EMS

Prepared by:
NH Information & Analysis Center

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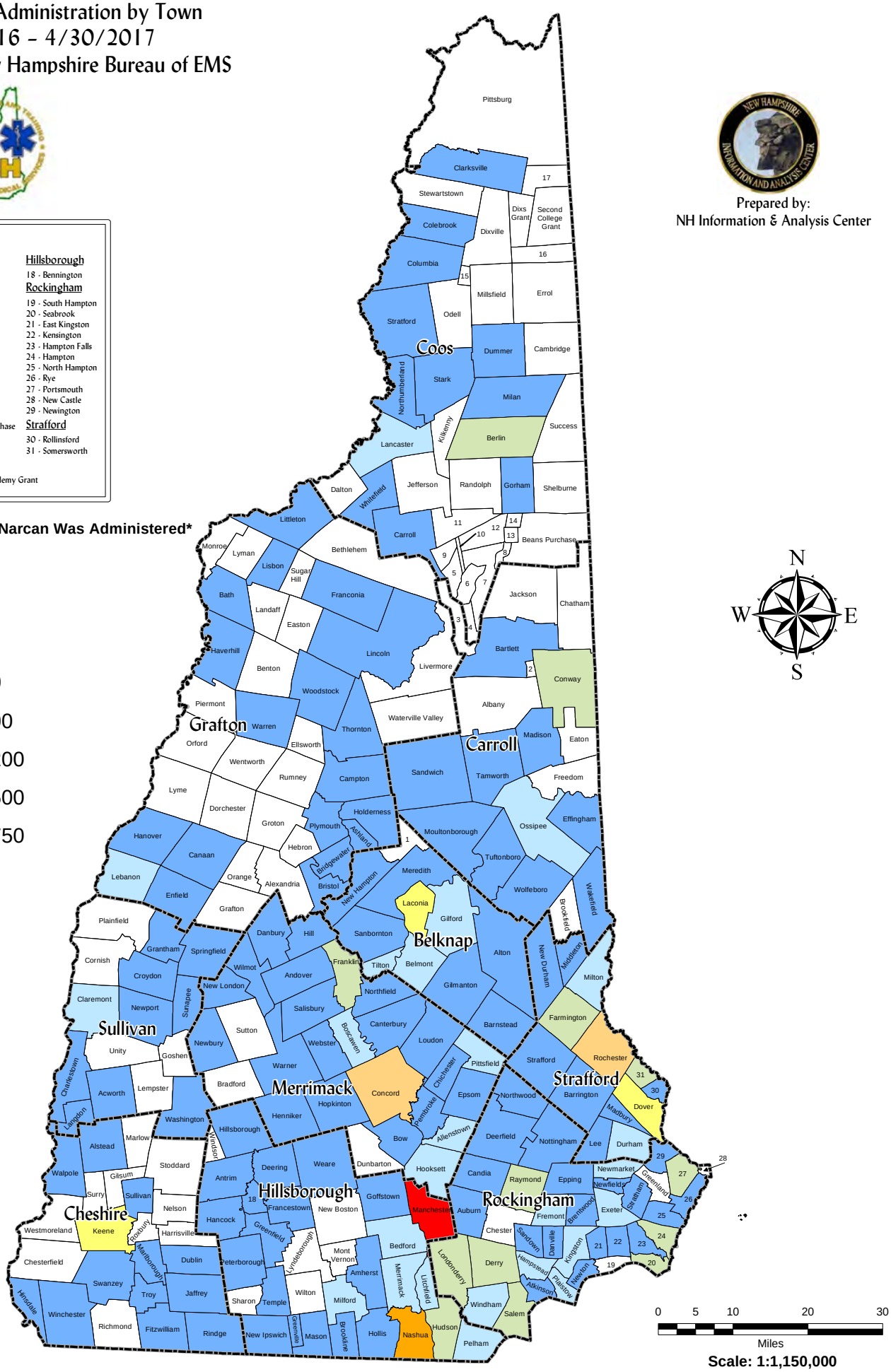
Incidents Where Narcan Was Administered

- 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

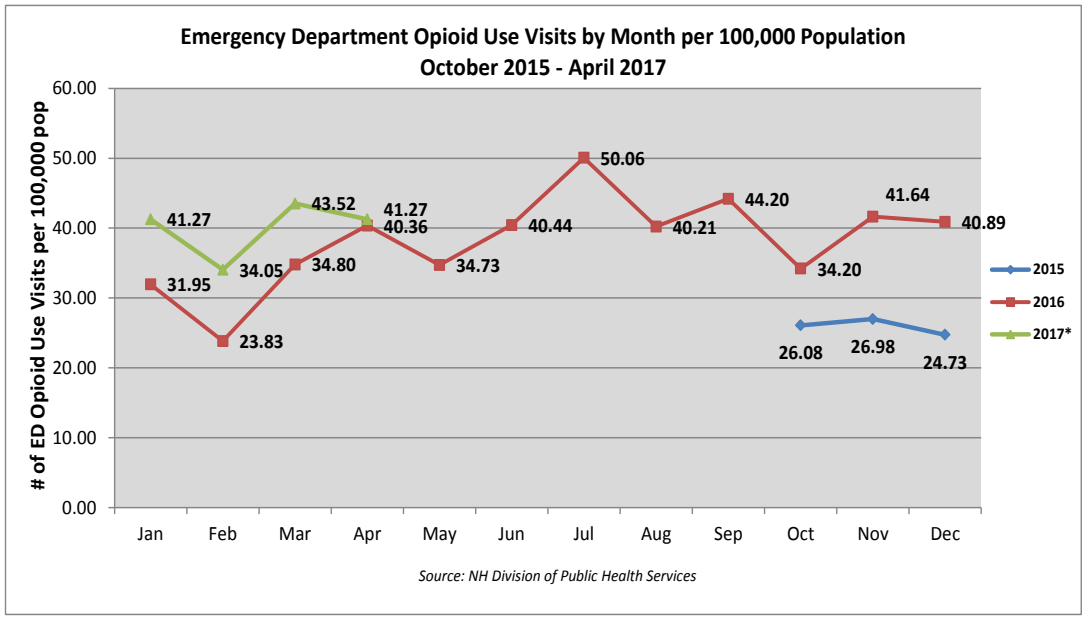
Right click on the paperclip and select "Open File" to view additional data.

Trends:

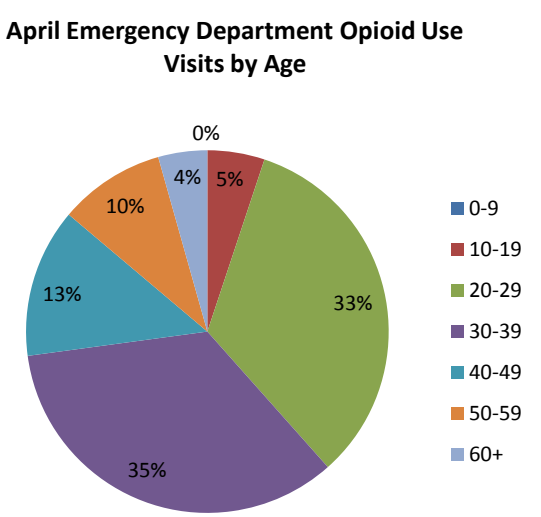
- Opioid related ED visits decreased by 5% from March — April 2017.
- In April residents from Hillsborough County had the most opioid related ED visits per capita with 5.89 visits per 10,000 population.
- Merrimack County had the second highest number of opioid related ED visits per capita with 5.48 visits per 10,000 population.
- The age group with the largest number of opioid related ED visits is 30-39 which represents 35% of all opioid related ED visits for April.

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

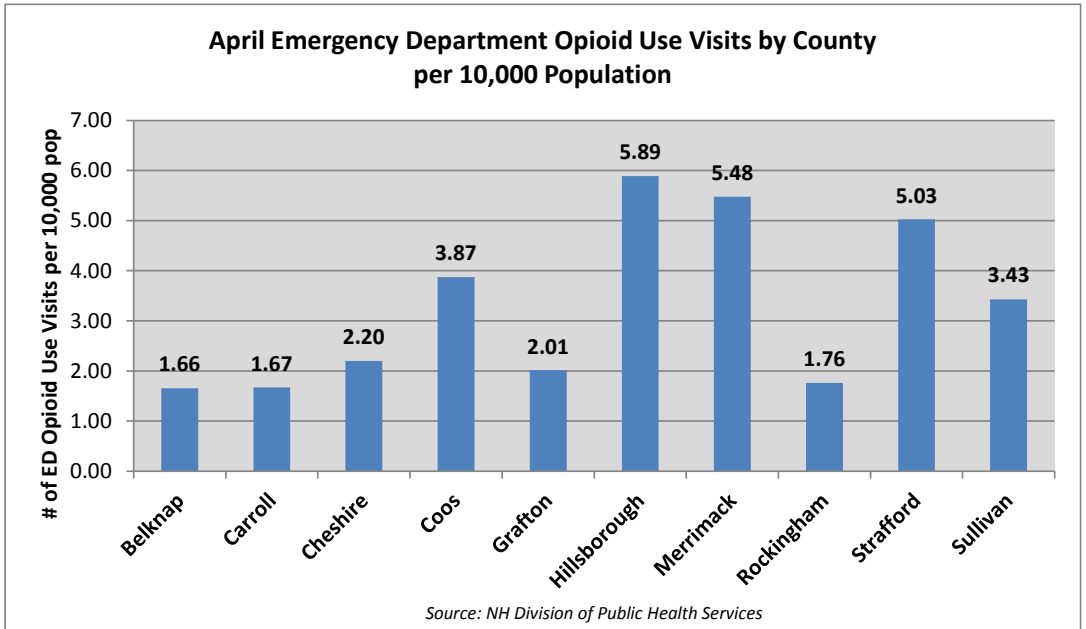
- County represents where the opioid use patient resides.
- These data represent any encounter with the term "heroin, opioid, opiate, or fentanyl" listed as chief complaint text. These data also represent any encounter with an ICD-10 code that was designated for heroin and opioids.
- Currently all but two of the hospitals are sending ICD-10 data.



Source: NH Division of Public Health Services



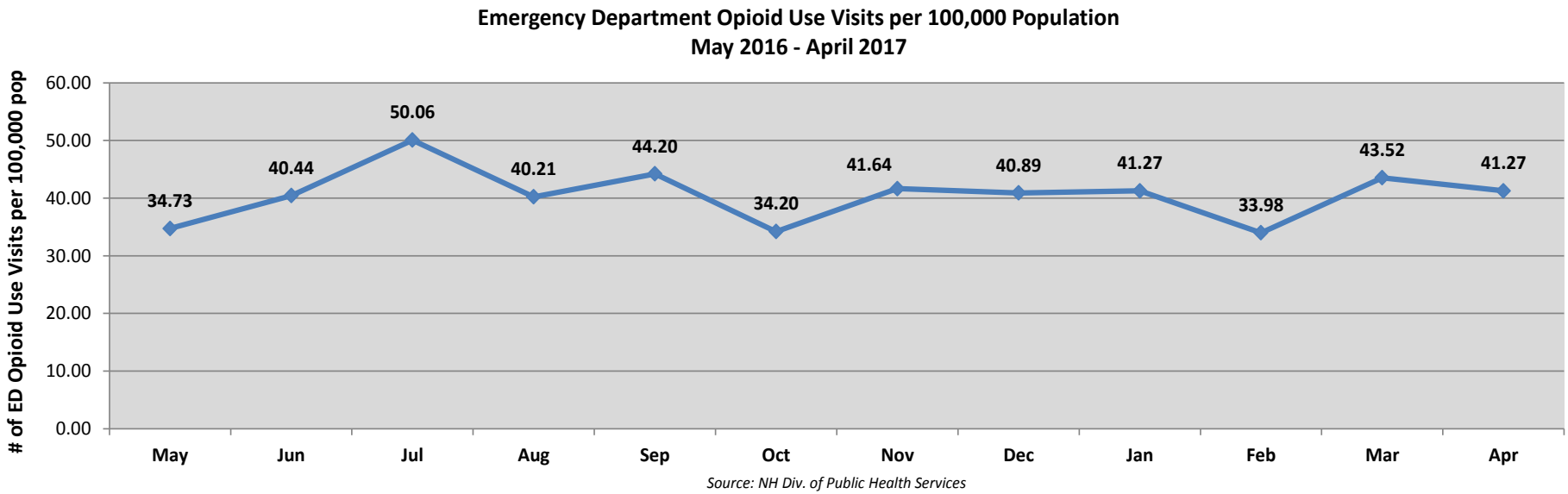
Source: NH Division of Public Health Services

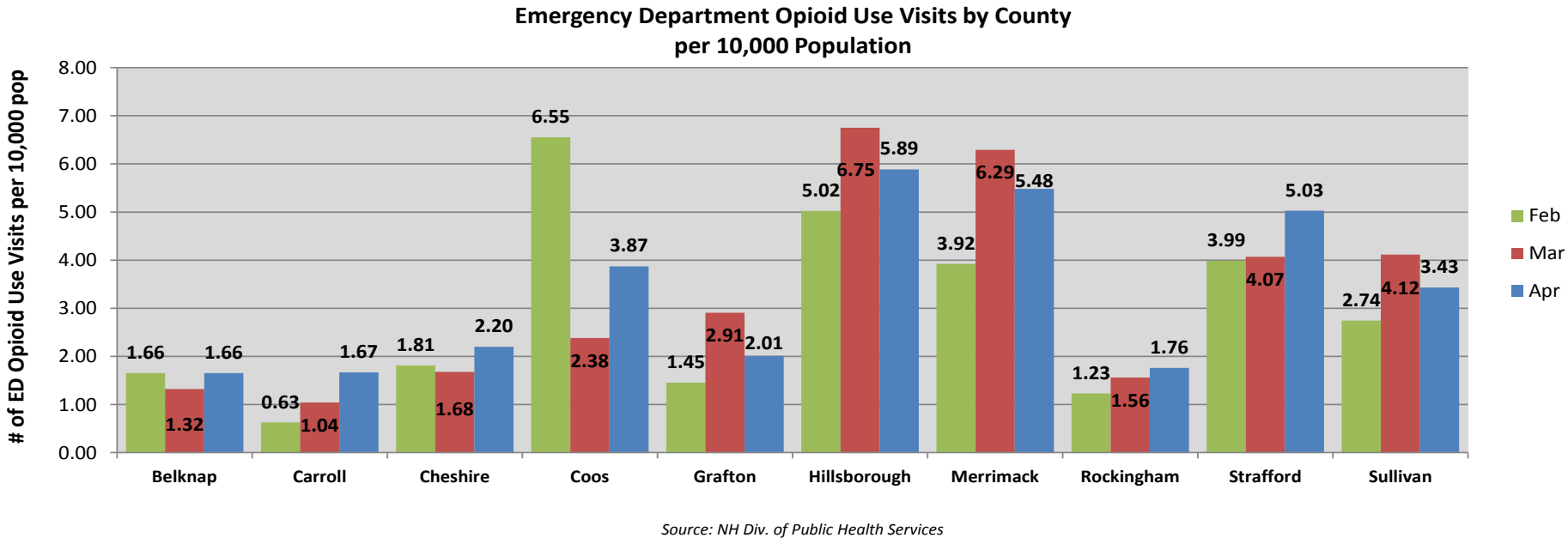


Source: NH Division of Public Health Services

Opioid Related Emergency Department Visits (Continued):

Data Source: NH Division of Public Health Services





Treatment Admissions:

Data Source: NH Bureau of Drug & Alcohol Services

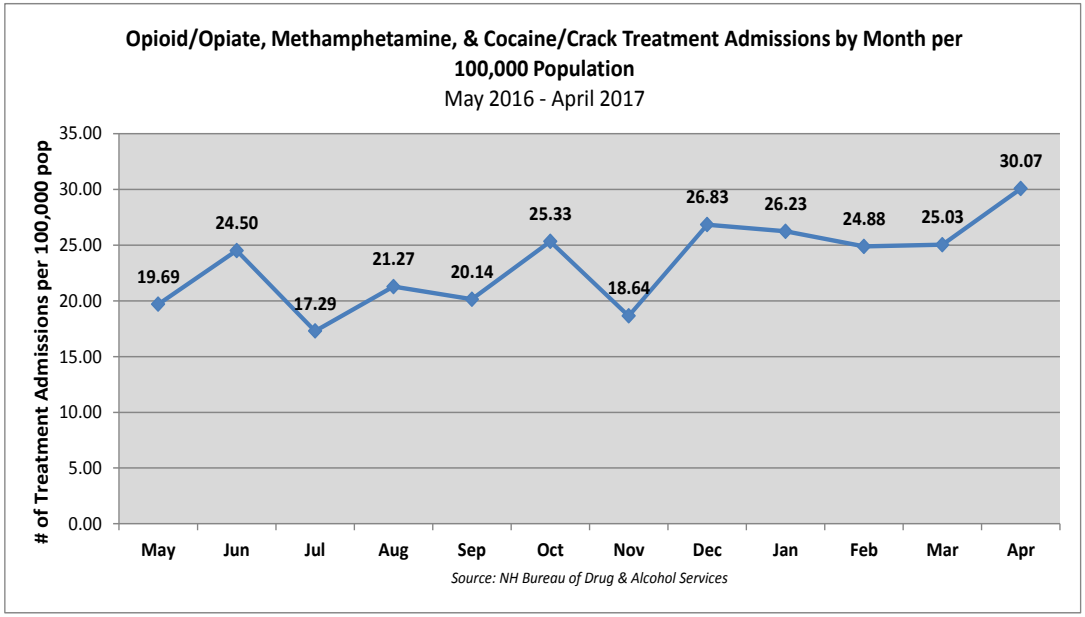
Right click on the paperclip and select "Open File" to view additional data.

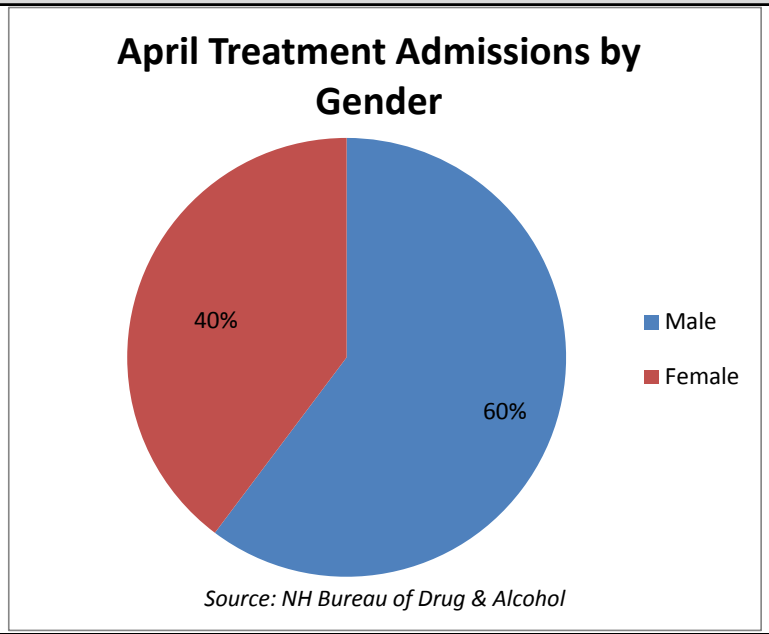
Trends:

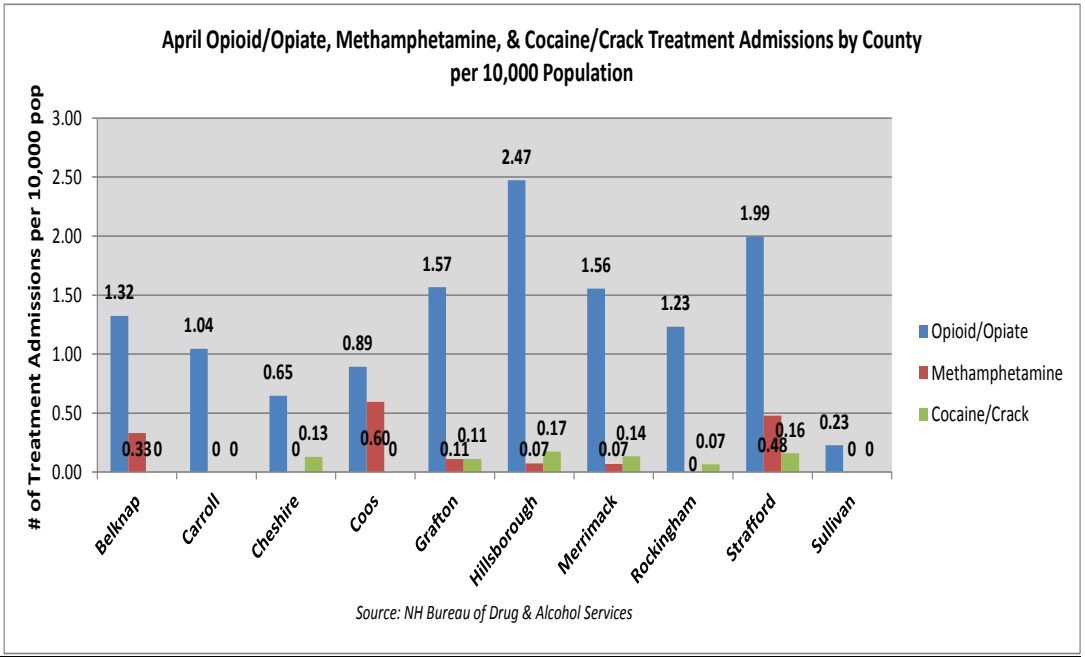
- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions increased by 20% from March to April.
- In April residents from Hillsborough County were admitted most often for opioid/opiate treatment per capita with 2.47 admissions per 10,000 population.
- More males than females were admitted to treatment programs in April for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions increased by 4% from March to April.
- Cocaine/Crack treatment admissions remained the same from March to April.

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

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

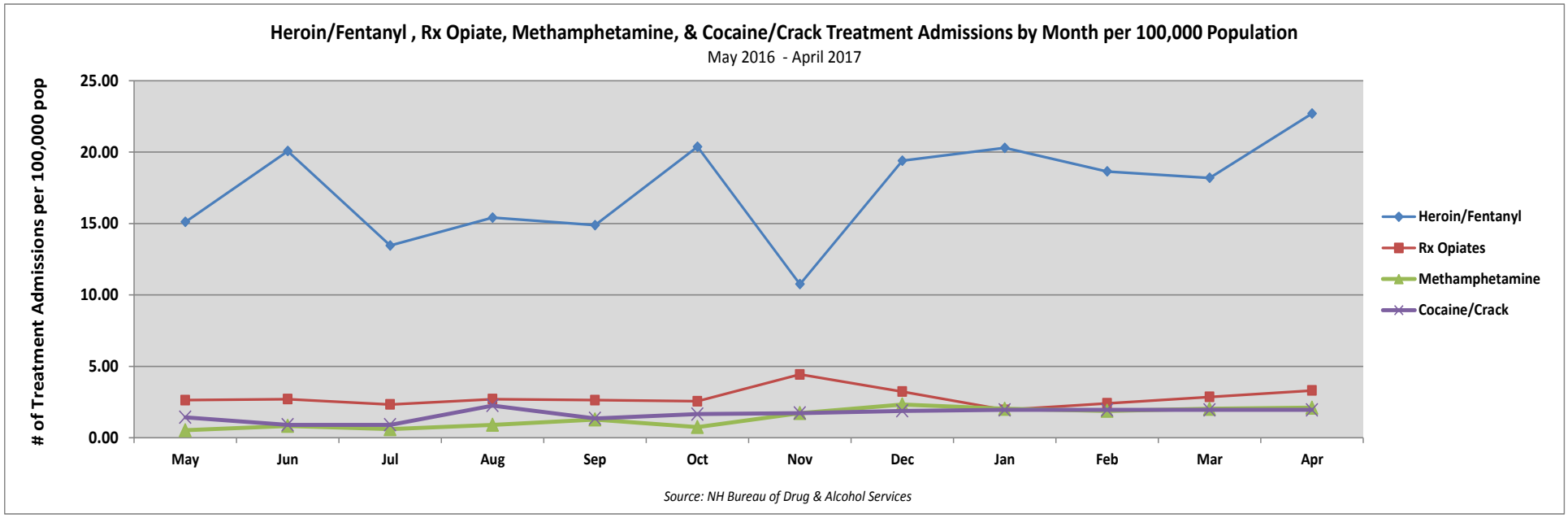


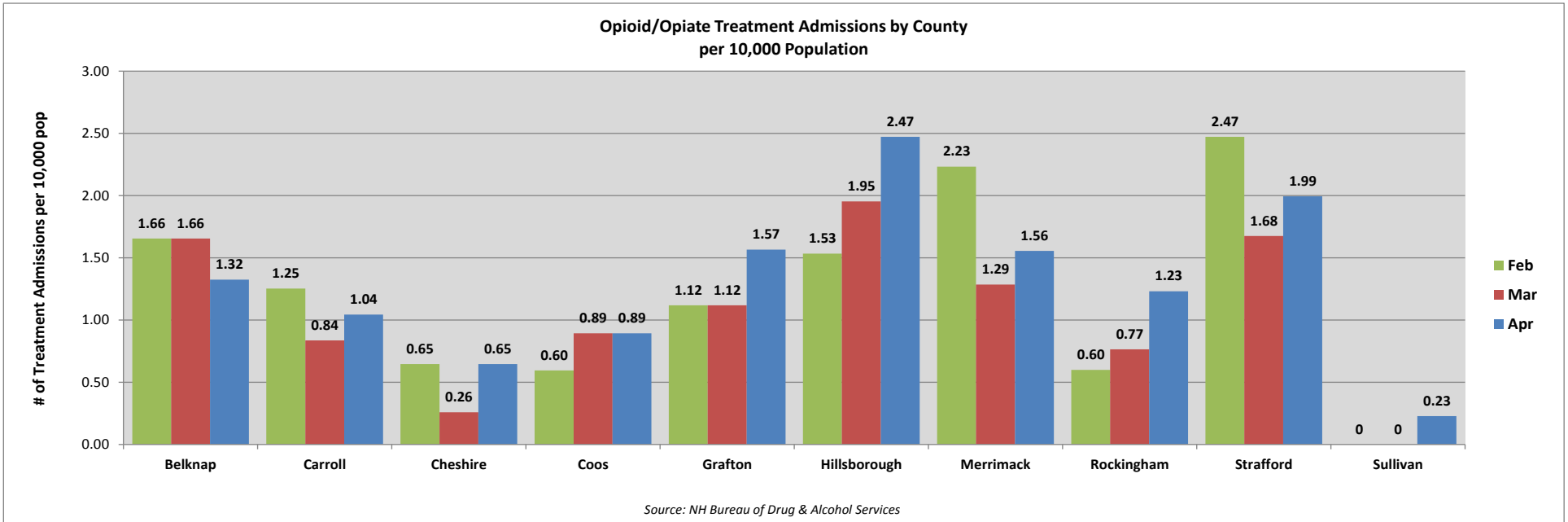




Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services





Situational Awareness:

James Vara, Governor's Advisor on Addiction and Behavioral Health

I wrote last month about the state's response to the "drug crisis"—specifically the importance of the Governor's Commission on Alcohol and Drug Abuse Prevention, Treatment and Recovery. One area that I inadvertently failed to acknowledge is the significant commitment of our federal delegation and law enforcement partners. In any talk about the "drug crisis," the conversation is directed toward opioids (for good reason), but we must not forget about all other drugs and alcohol misuse. That being said, the most recent emerging trend in New Hampshire is carfentanil. While many of you already know about this through the numerous awareness alerts, we cannot stress the seriousness of carfentanil enough. Carfentanil is used as a tranquilizing agent for elephants and other large mammals. It is approximately 100 times more potent than fentanyl. Moreover, other New England states, including Maine and Rhode Island, have already confirmed the presence of it there. Because it is extremely potent, it provides a significant safety risk. Carfentanil can be inhaled or absorbed when in the powder form. If drug paraphernalia is found at an emergency scene, first responders should approach the situation with extreme caution. Due to the fact that there is no "quality control" amongst dealers, some users have no idea that they are purchasing carfentanil instead of heroin and/or fentanyl. Therefore, we could certainly see more overdoses, and consequently, more deaths.

NEW HAMPSHIRE SAFE STATIONS

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

	Manchester	Nashua
As of:	**5/4/2017**	**5/15/2017**
• **Number of requests at MFD/NFR for Safe Station:**	1604	424
• **Number of participants transported to Hospitals:**	222	62
• **Number of participants taken to HOPE in NH:**	347	N/A
• **Number of participants taken to Serenity Place:**	1030	N/A
• **Number of participants taken to PSL facilities:**	N/A	356
• **Number of participants seen for ODs prior to seeking SS Help:**	——	70
• **Average Length of Time MFD/NRF Company "Not Available":**	14 min	11:29 min
• **Number of UNIQUE participants:**	1142	322
• **Number of REPEAT participants:**	253	102
• **Age Range of Participants:**	18-70	18-73

AG's Office Investigating 12 Carfentanil Cases, Officials Say

According to WMUR, The New Hampshire Attorney General's Office is investigating 12 cases involving the deadly opioid carfentanil. The Attorney General's office said it will take the lead in all carfentanil cases, putting a lot of resources behind prosecutions. The office is prosecuting the case against Preston Thorpe, who has been charged with possession of carfentanil. Five attorneys with the office are working on drug cases, and that number will increase to seven and maybe more, Associate Attorney General Jane Young said. Authorities said they believe the drug is coming into the state through a limited number of sources.

Source: www.WMUR.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

CANNAN

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.