



New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

Phone: (603) 223.3859

NH.IAC@dos.nh.gov

Fax: (603) 271.0303



NHIAC Product #: 2017-2928

March 2017 Report

21 April 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.

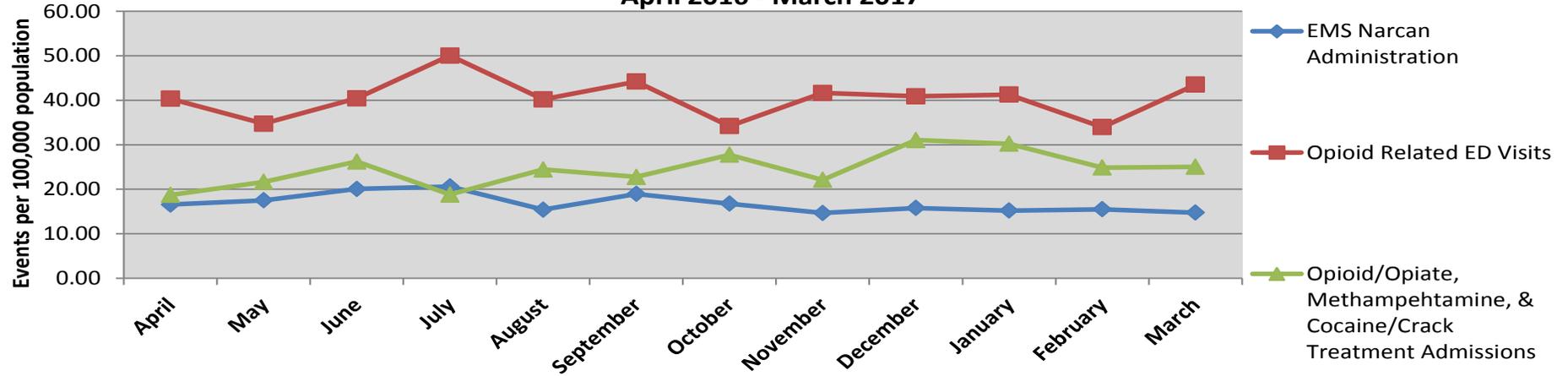
Drug Environment Report—UNCLASSIFIED

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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 Naloxone Incidents, Opioid Related ED Visits, Treatment Admissions, and Overdose Deaths:

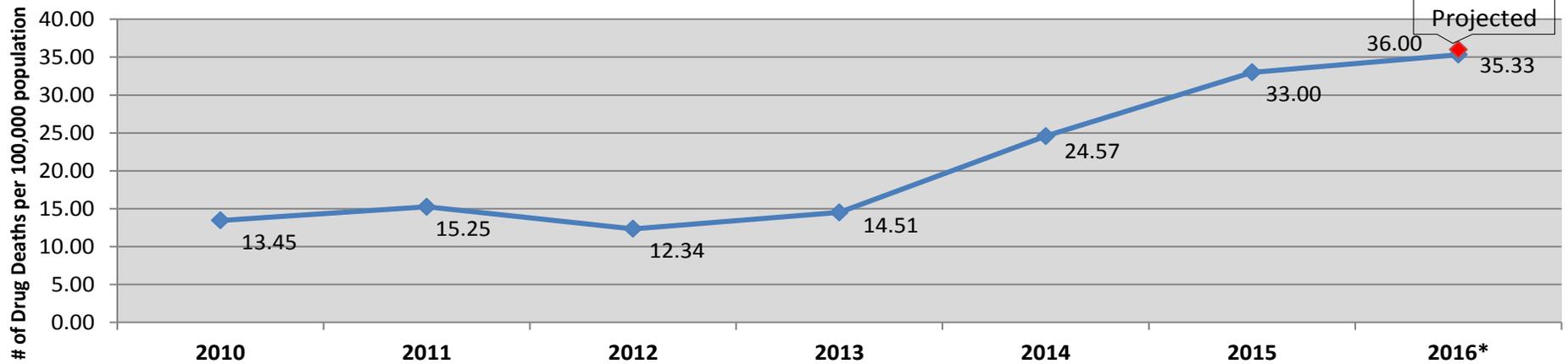
EMS Naloxone Administration, Opioid Related ED Visits, and Treatment Admissions per 100,000 Population April 2016 - March 2017



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

Drug Overdose Deaths By Year

Data Source: NH Medical Examiner's Office



* 2016 Numbers are based on analysis as of 8 April 2017- 9 Cases still pending

Drug Overdose Deaths:

Data Source: NH Medical Examiner's Office



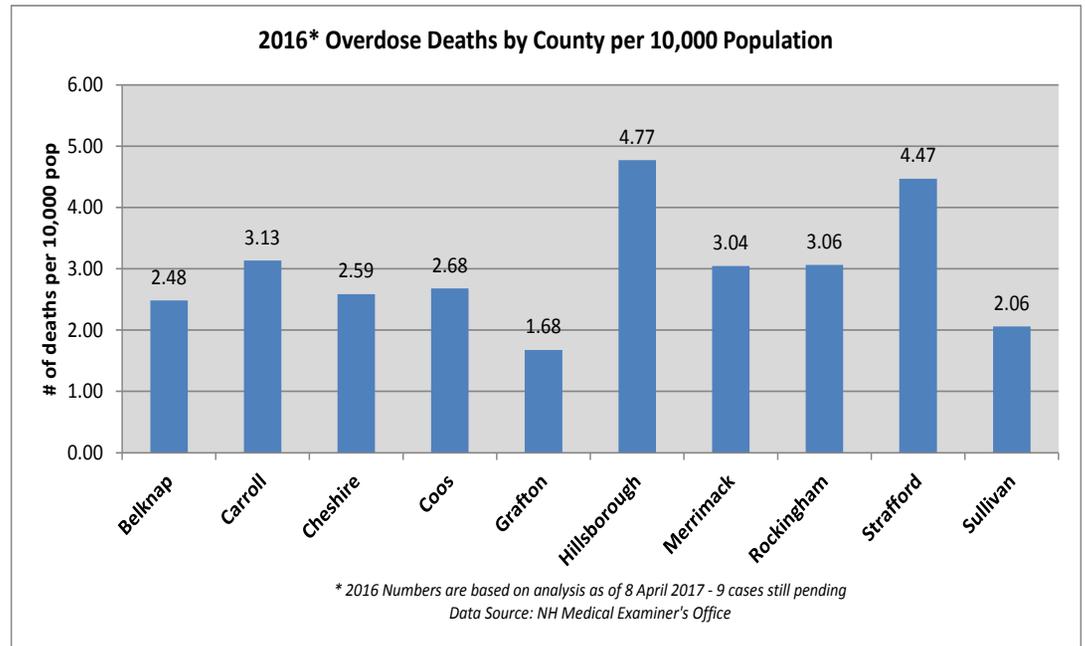
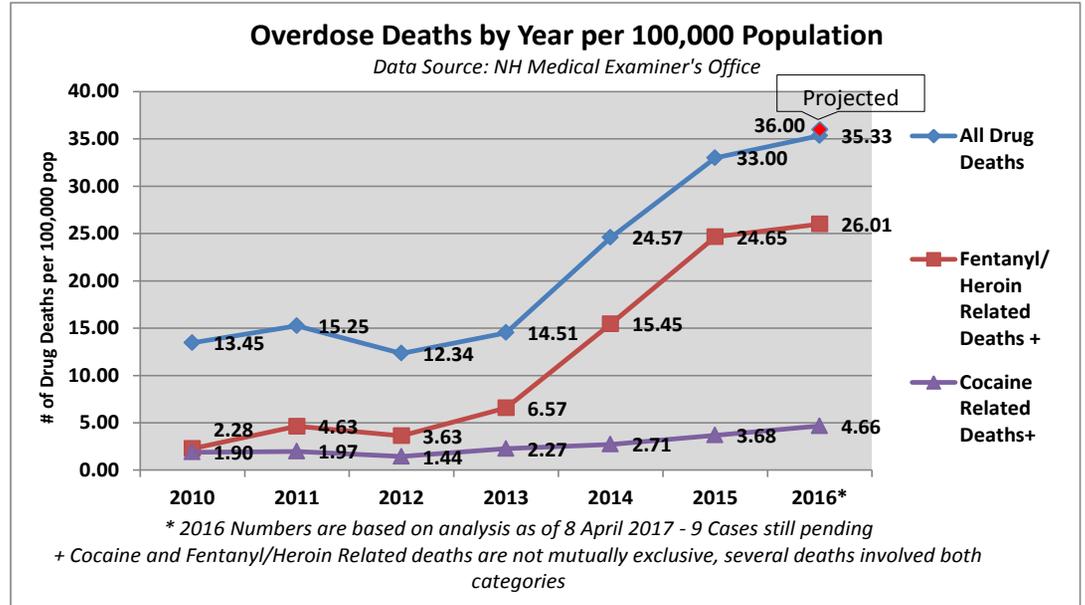
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Trends:

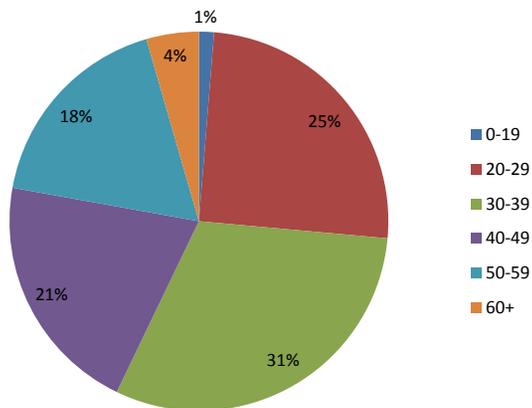
- Drug overdose deaths are projected to increase by 9% from 2015 to 2016.
- In 2016 Hillsborough County had the highest suspected drug use resulting in overdose deaths per capita at 4.77 deaths per 10,000 population.
- Strafford County had the second highest suspected drug use resulting in overdose deaths 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 31% 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 8 April 2017. There are 9 cases from 2016 that are "pending toxicology". It can take 2-3 months to receive toxicology results and determine the cause of death.
- Analysis is based on county where the drug (s) is suspected to have been used.



Overdose Deaths by Age 2016*

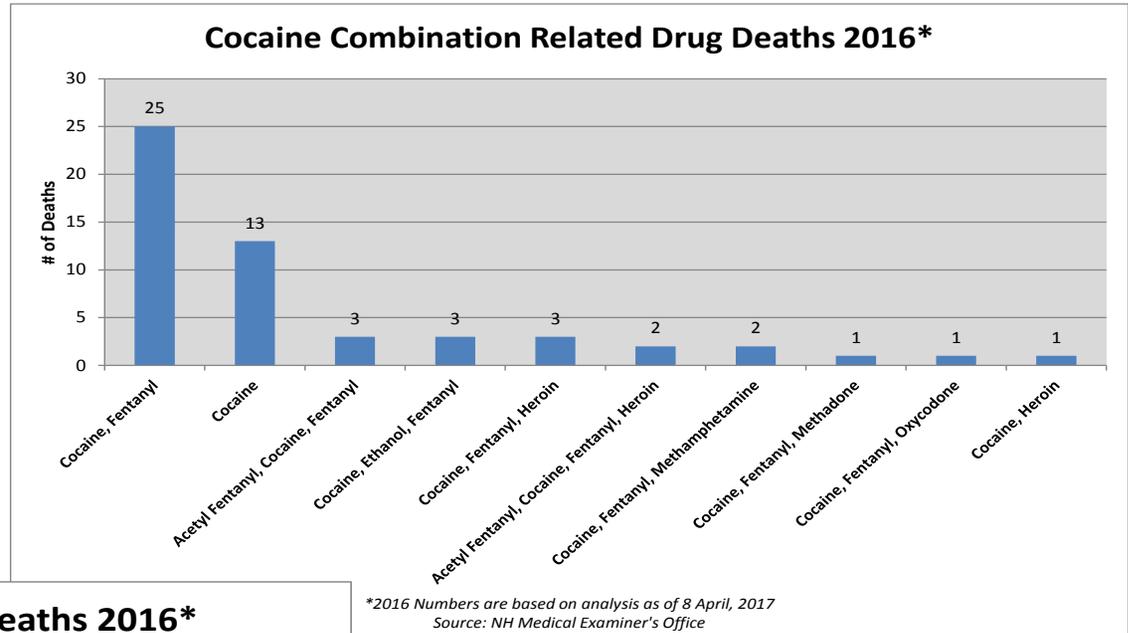


*2016 Numbers are based on analysis as of 8 April, 2017
Source: NH Medical Examiner's Office

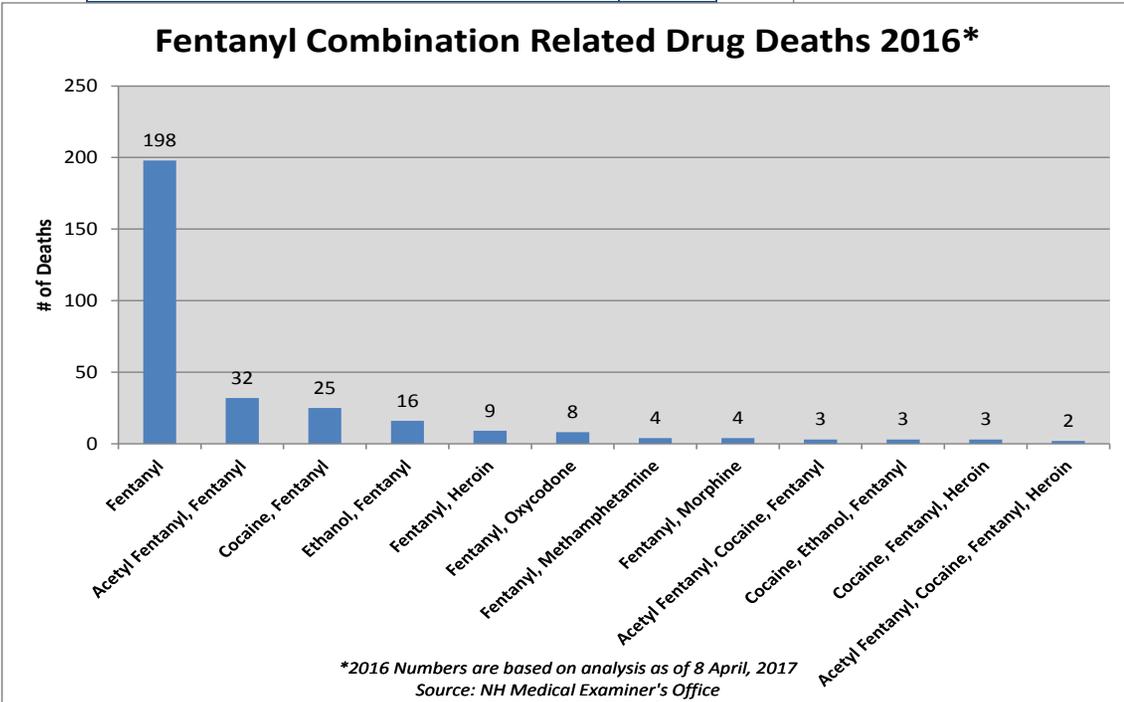
Drug Overdose Deaths (Continued):

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 8 April, 2017
Source: NH Medical Examiner's Office



*2016 Numbers are based on analysis as of 8 April, 2017
Source: NH Medical Examiner's Office

Fentanyl Combinations	
Fentanyl	198
Acetyl Fentanyl; Fentanyl	32
Cocaine; Fentanyl	25
Ethanol; Fentanyl	16
Fentanyl; Heroin	9
Fentanyl; Oxycodone	8
Fentanyl; Methamphetamine	4
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 April 8, 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

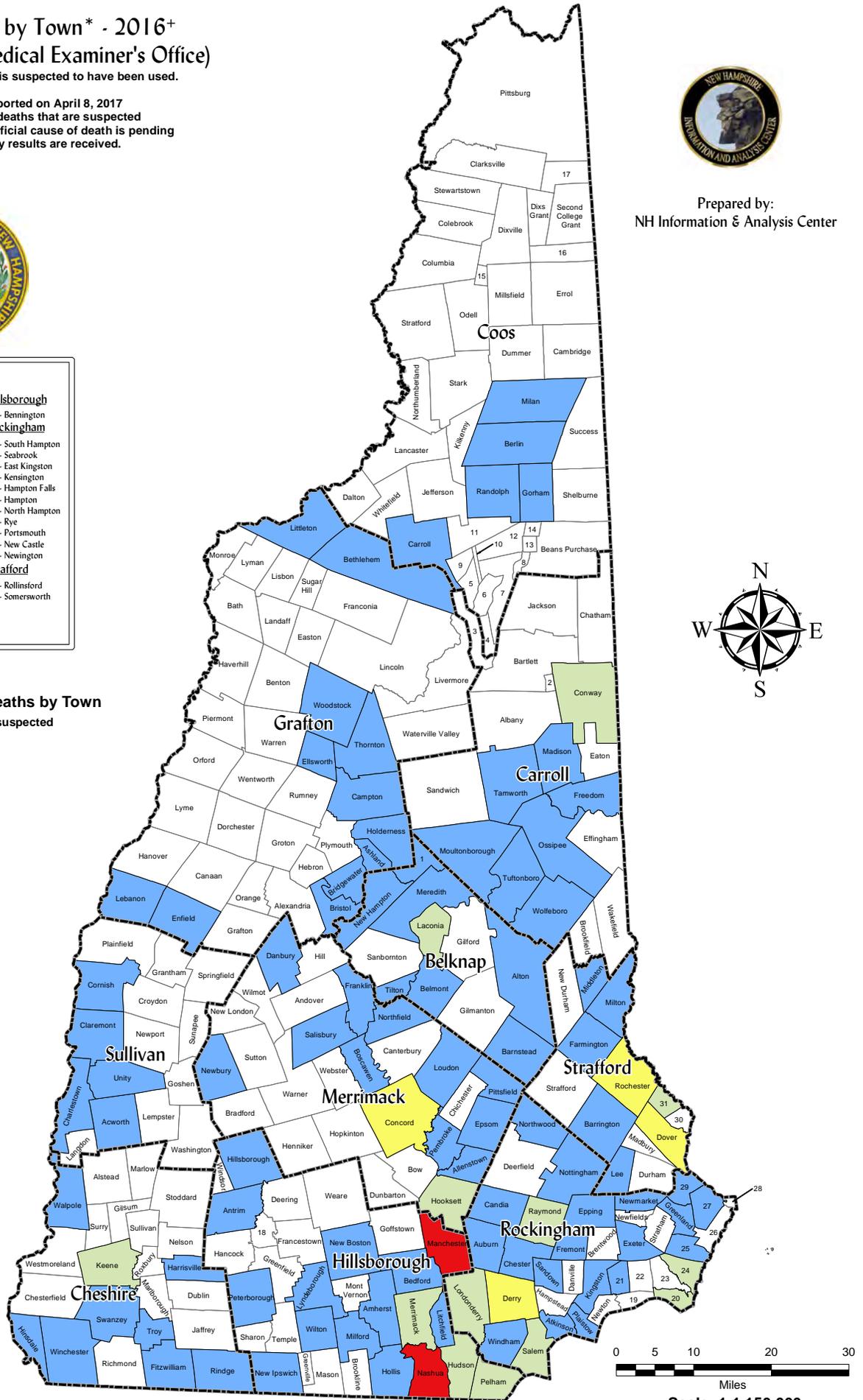
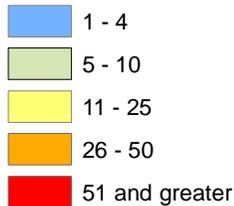


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Belknap	Hillsborough
1 - Center Harbor	18 - Bennington
Carroll	Rockingham
2 - Hales Location	19 - South Hampton
3 - Harts Location	20 - Seabrook
Coos	21 - East Kingston
4 - Hadleys Purchase	22 - Kensington
5 - Beans Grant	23 - Hampton Falls
6 - Cutts Grant	24 - Hampton
7 - Sargents Purchase	25 - North Hampton
8 - Pinkhams Grant	26 - Rye
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10 - Chandlers Purchase	28 - New Castle
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12 - Thompson & Meserves Purchase	Strafford
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14 - Martins Location	31 - Somersworth
15 - Ervings Grant	
16 - Wentworth Location	
17 - Atkinson & Gilmanton Academy Grant	

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)



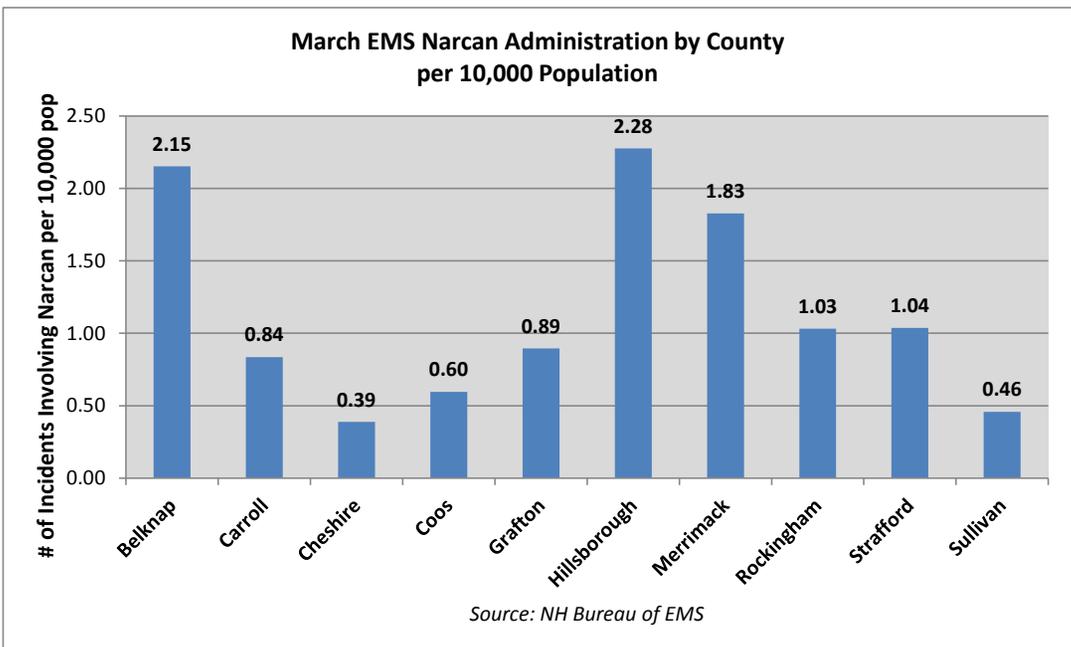
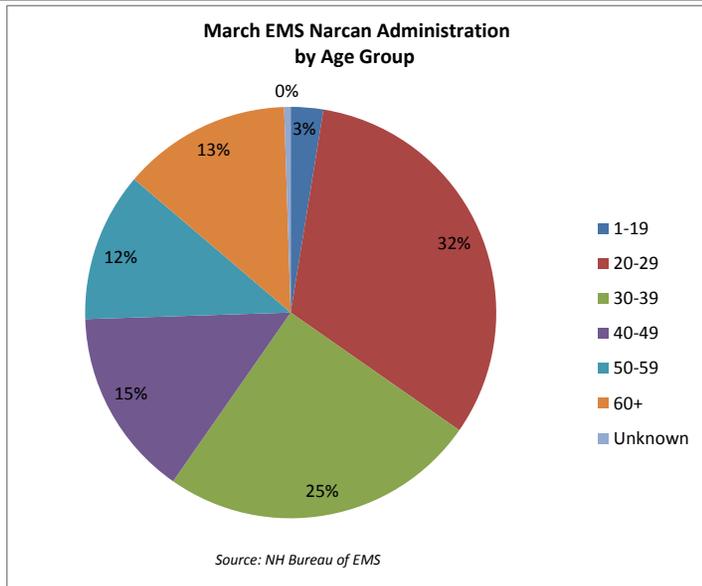
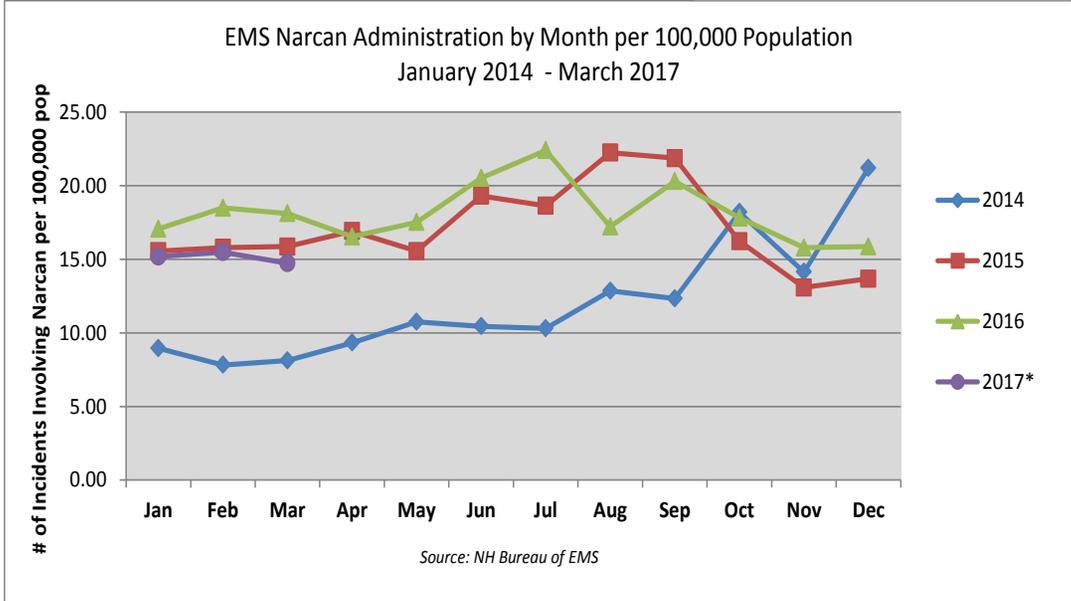
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- EMS Narcan administration decreased by 5% from February to March.
- In March Hillsborough County had the most EMS Narcan administration incidents per capita with 2.28 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 92 incidents in March.
- The age group with the largest number of EMS Narcan administration incidents is 20-29 which represents 32% of all EMS Narcan administration incidents for January.
- NH Bureau of EMS "lives saved" has decreased by 5.4% from February to March.

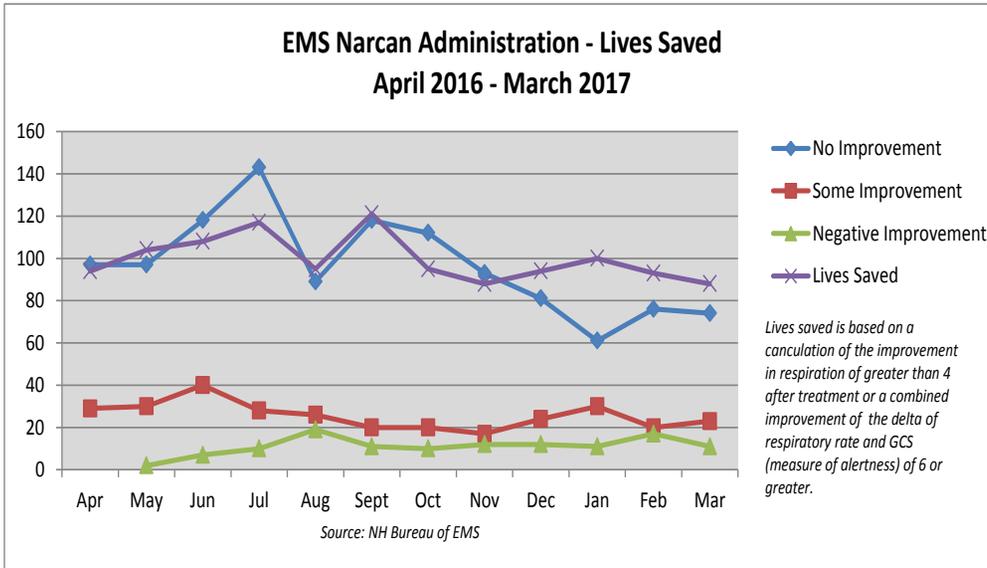
***** IMPORTANT DATA NOTES *****

- 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.



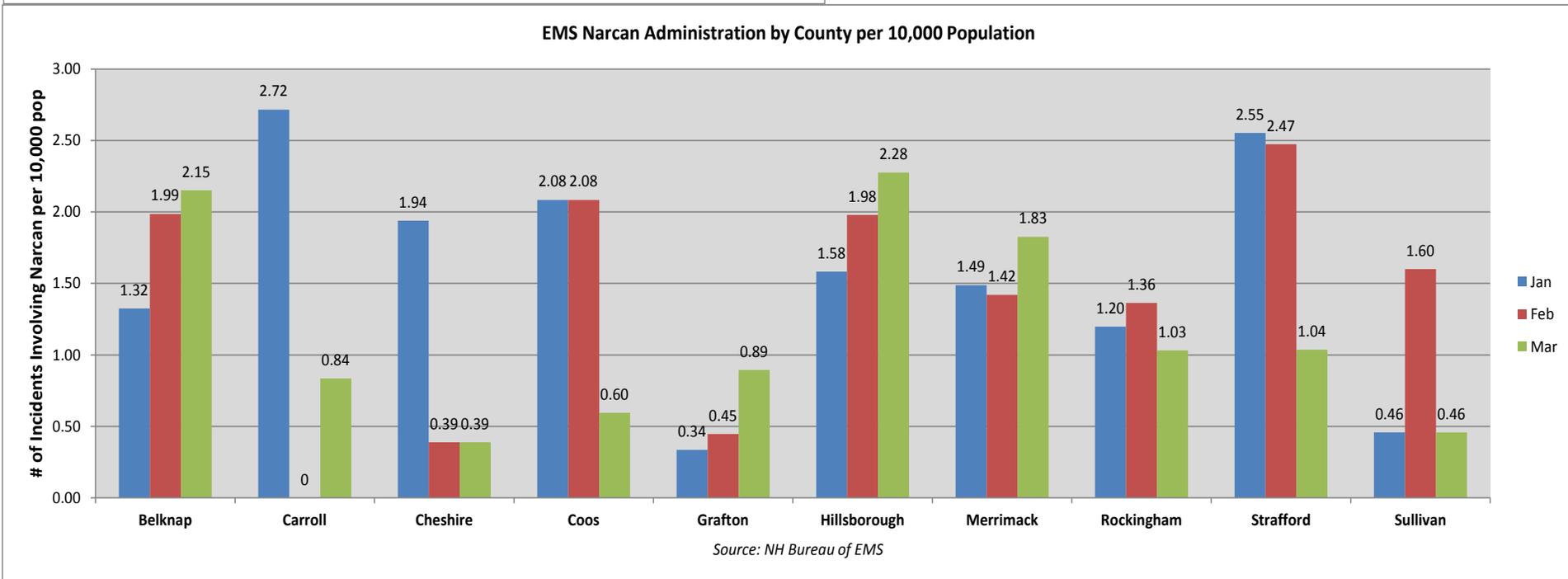
EMS Narcan Administration (Continued):

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



EMS Narcan Administration—Lives Saved												
Source: NH Bureau of EMS	2016									2017		
RODS Outcome	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
No Improvement	97	97	118	143	89	118	112	93	81	61	76	74
Some Improvement	29	30	40	28	26	20	20	17	24	30	20	23
Negative Improvement	0	2	7	10	19	10	10	12	12	11	17	11
Lives Saved	94	104	108	117	95	121	95	88	94	100	93	88
Total	220	233	273	298	229	270	237	210	211	202	206	196

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
4/1/2016 - 3/31/2017

Data Source: New Hampshire Bureau of EMS

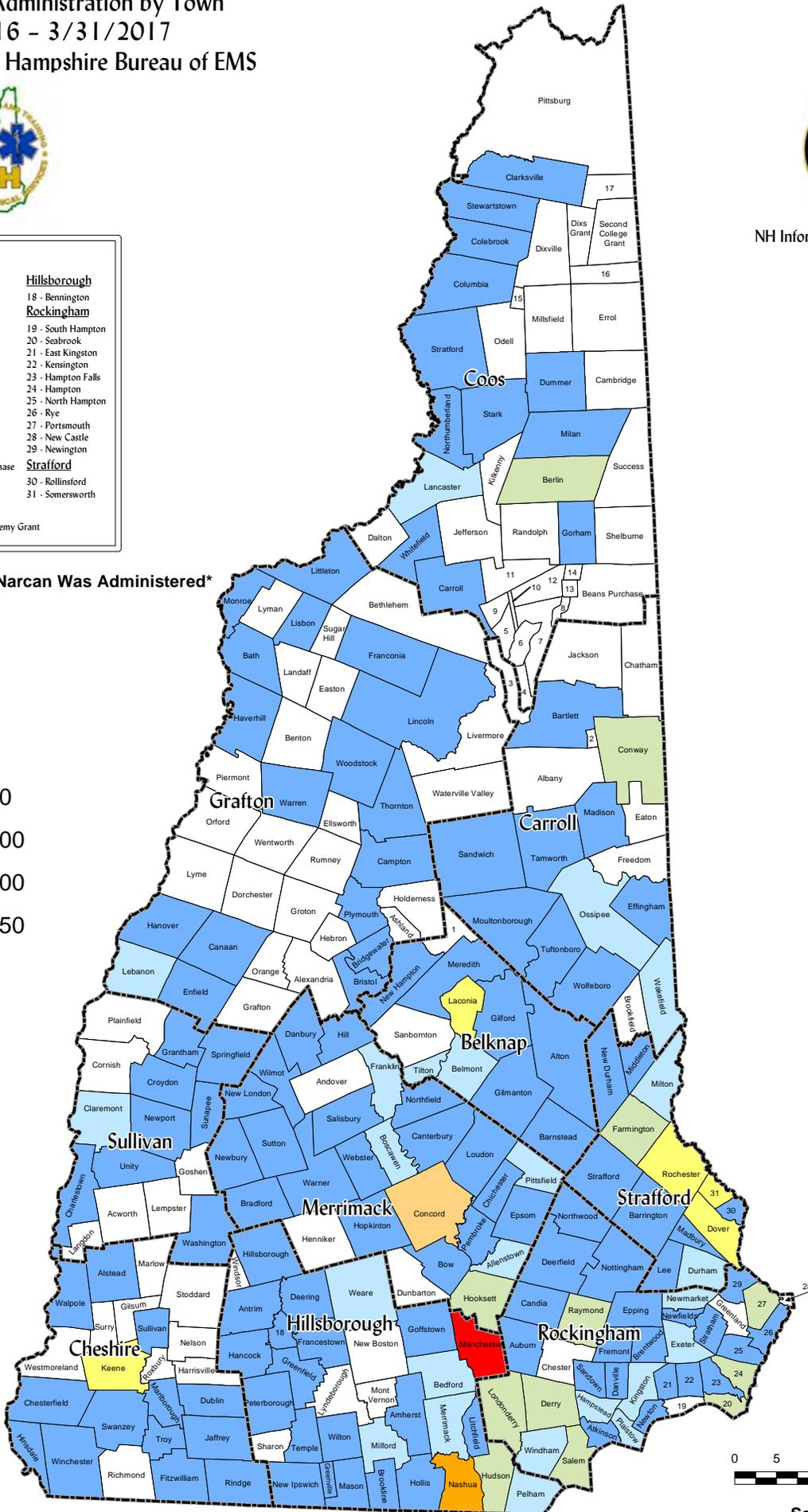
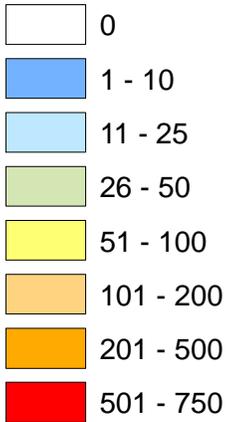


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Incidents Where Narcan Was Administered



Scale: 1:1,150,000

Opioid Related Emergency Department Visits:

Data Source: NH Division of Public Health Services



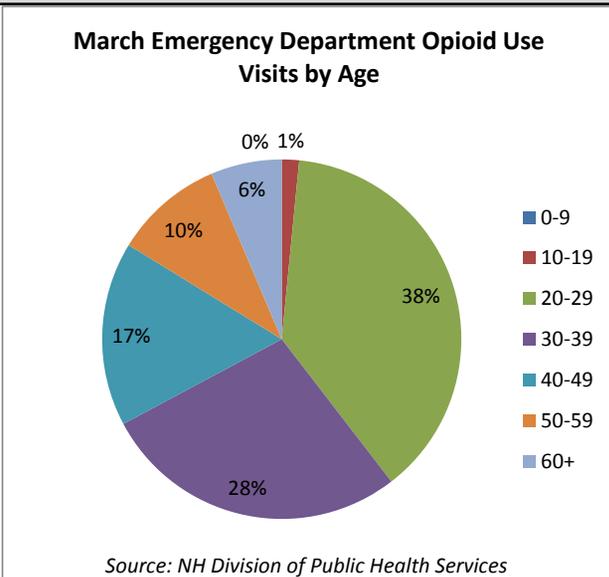
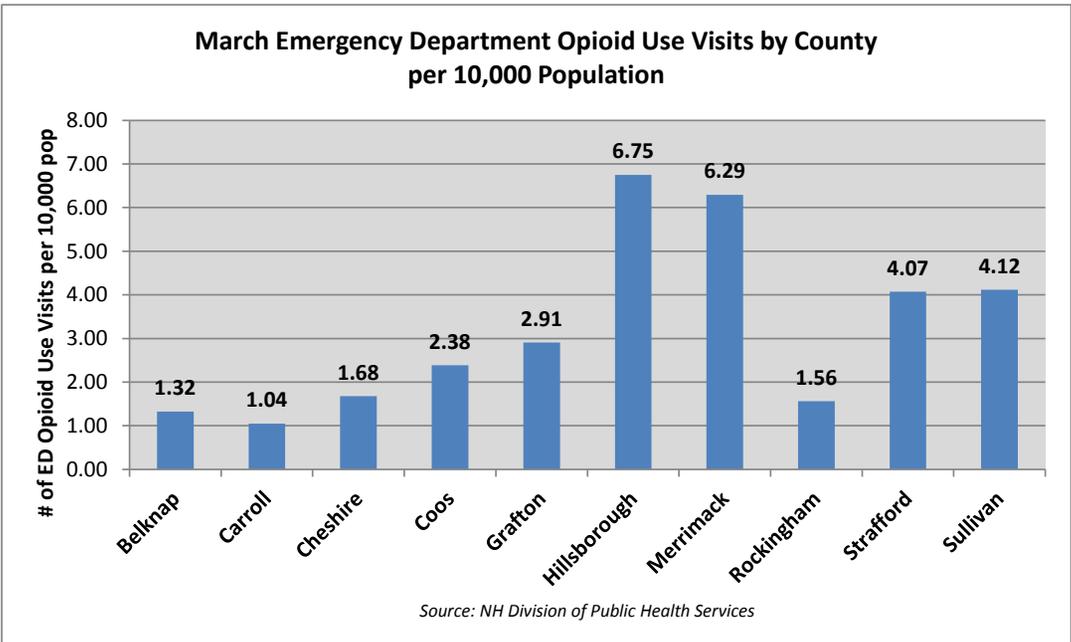
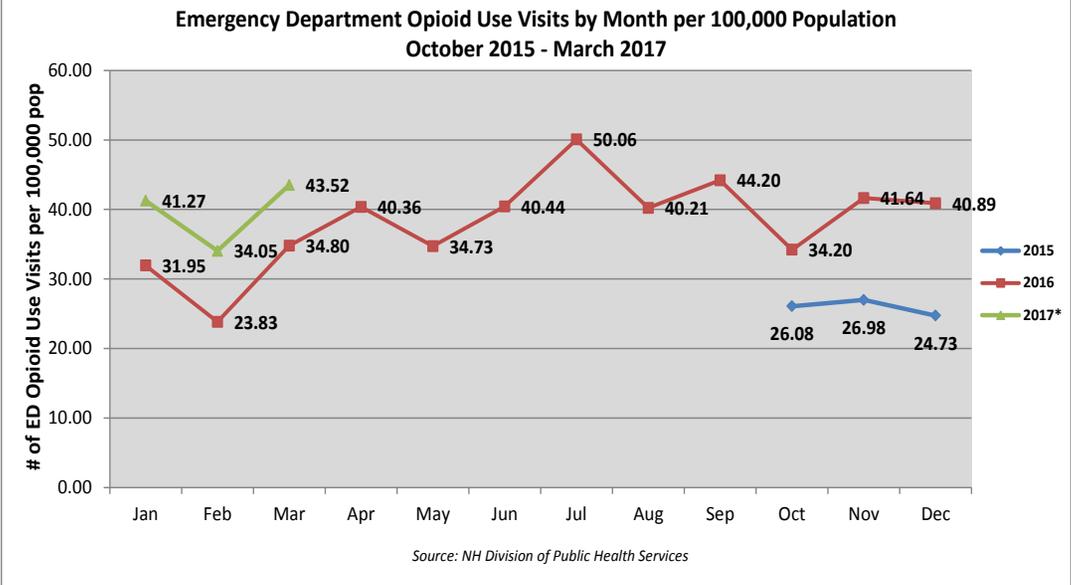
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- Opioid related ED visits increased by 28% from February — March 2017.
- In March residents from Hillsborough County had the most opioid related ED visits per capita with 6.75 visits per 10,000 population.
- Merrimack County had the second highest number of opioid related ED visits per capita with 6.29 visits per 10,000 population.
- The age group with the largest number of opioid related ED visits is 20-29 which represents 38% of all opioid related ED visits for March.

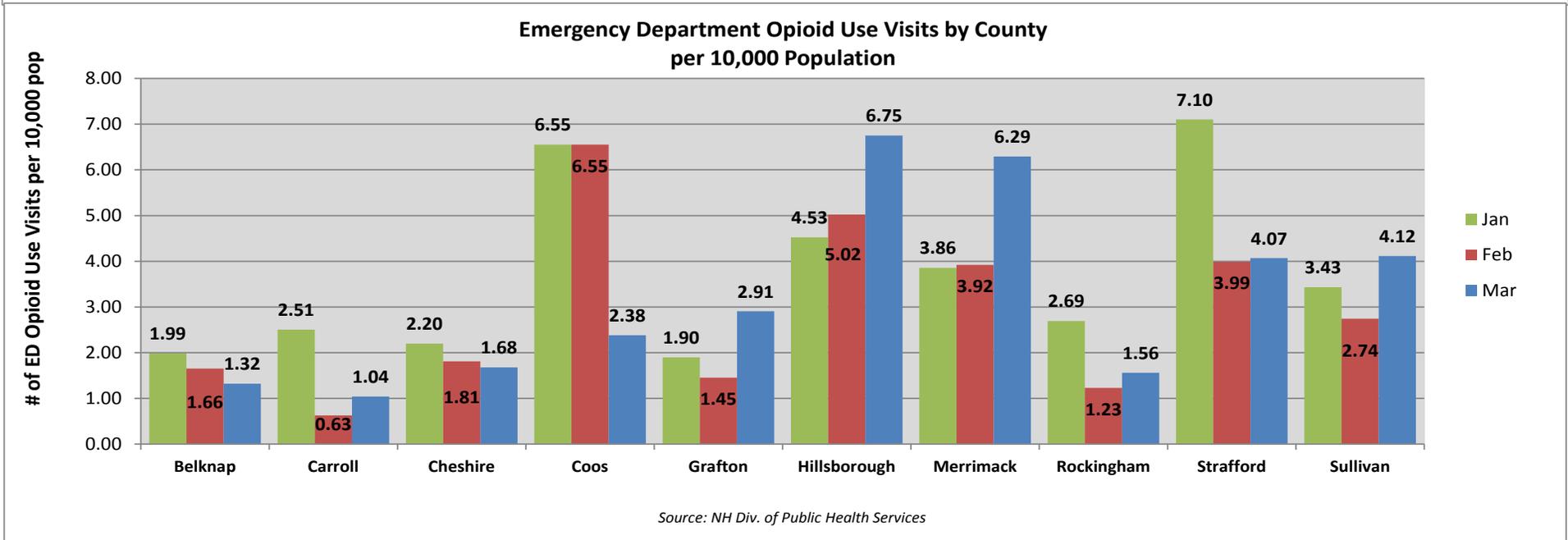
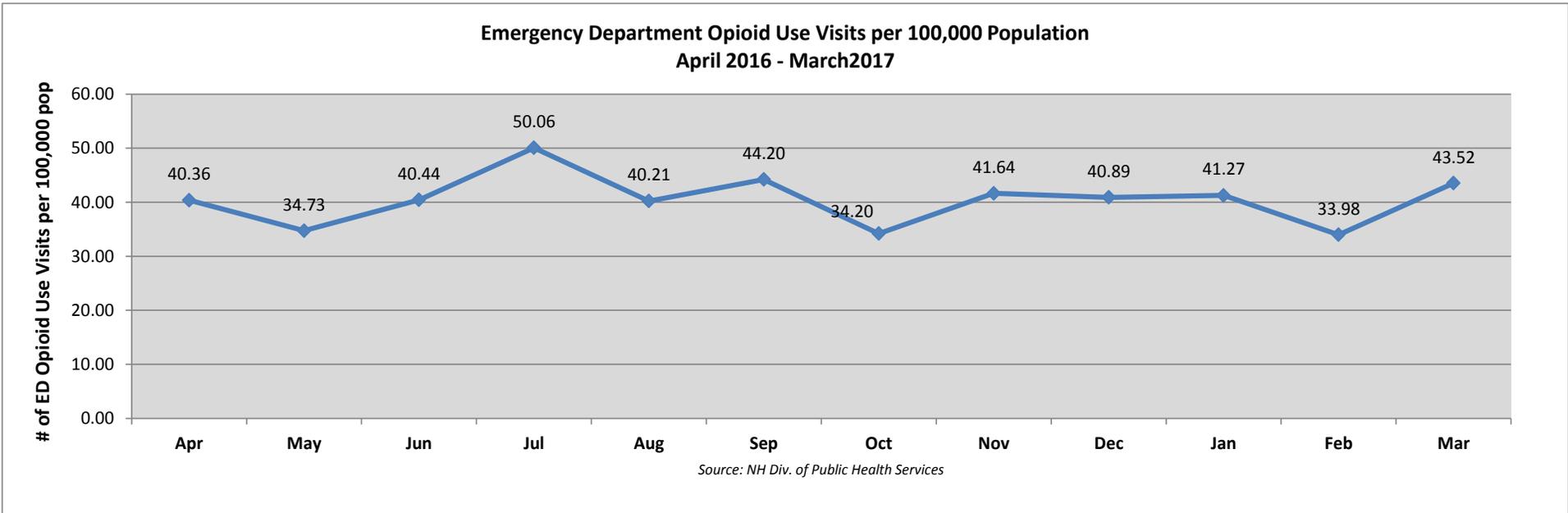
***** IMPORTANT DATA NOTES *****

- 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.



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:

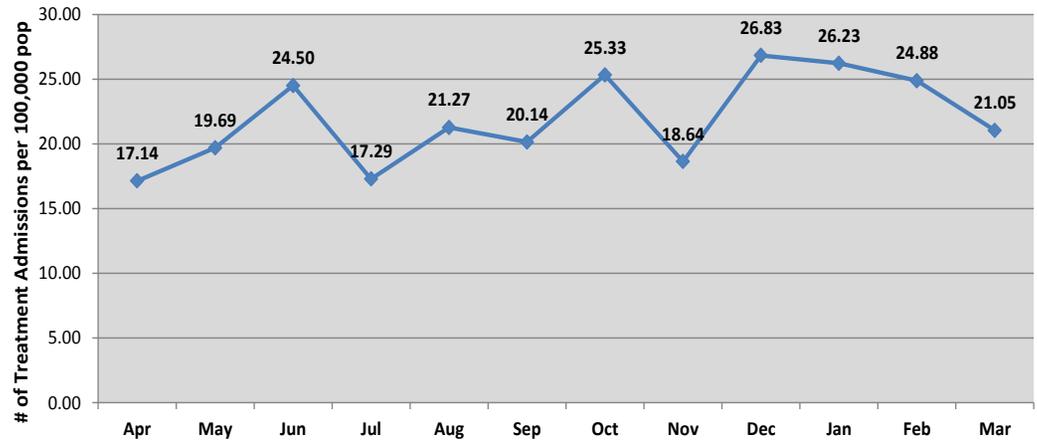
- Opioid/opiate treatment admissions had no change from February to March.
- In March residents from Hillsborough County were admitted most often for opioid/opiate treatment per capita with 1.95 admissions per 10,000 population.
- More males than females were admitted to treatment programs in March for opioid/opiate use.
- Methamphetamine treatment admissions increased by 8% from February to March.
- Cocaine/Crack treatment admissions remained the same from February to March.

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

- County represents where the patient resides.
- These data represent treatment admissions to state funded facilities.
- Methamphetamine and Cocaine/Crack gender data was not available at time of this report.

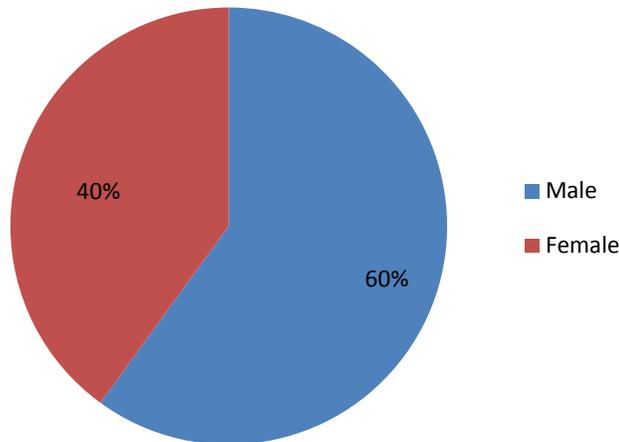
Opioid/Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by Month per 100,000 Population

April 2016 - March 2017



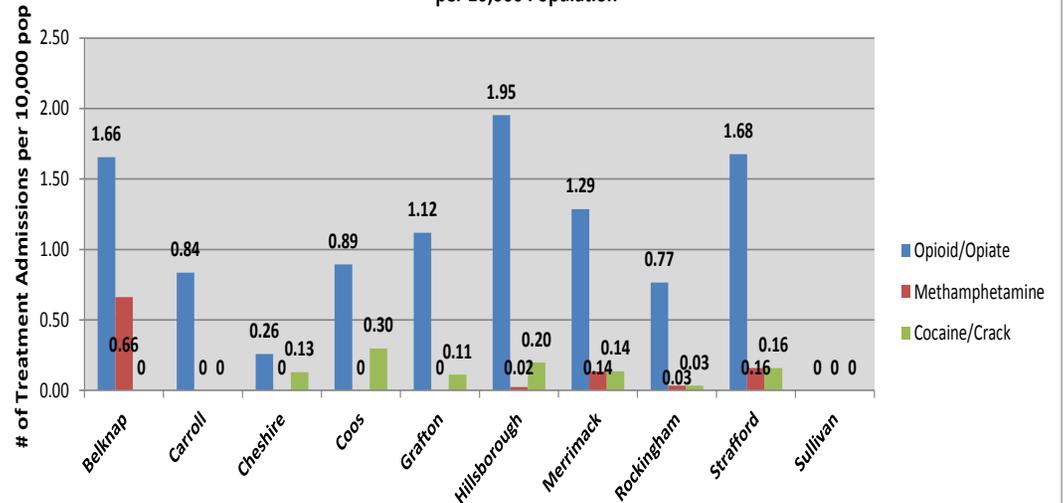
Source: NH Bureau of Drug & Alcohol Services

March Opioid/Opiate Admission by Gender



Source: NH Bureau of Drug & Alcohol

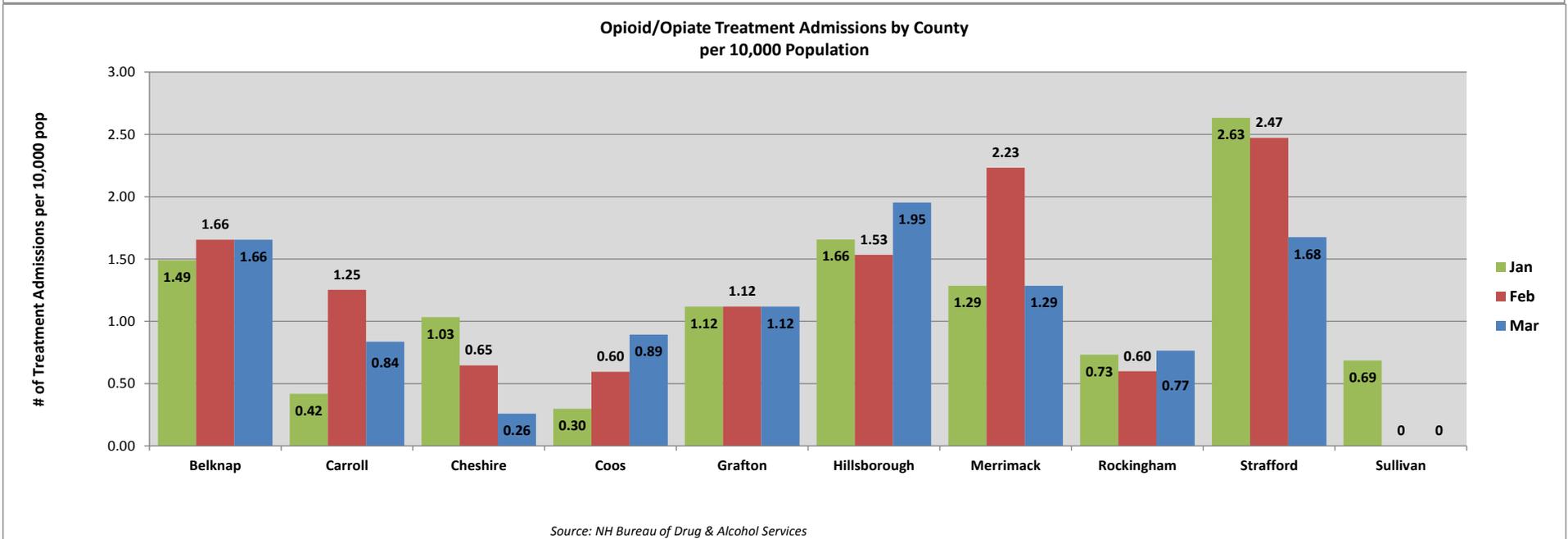
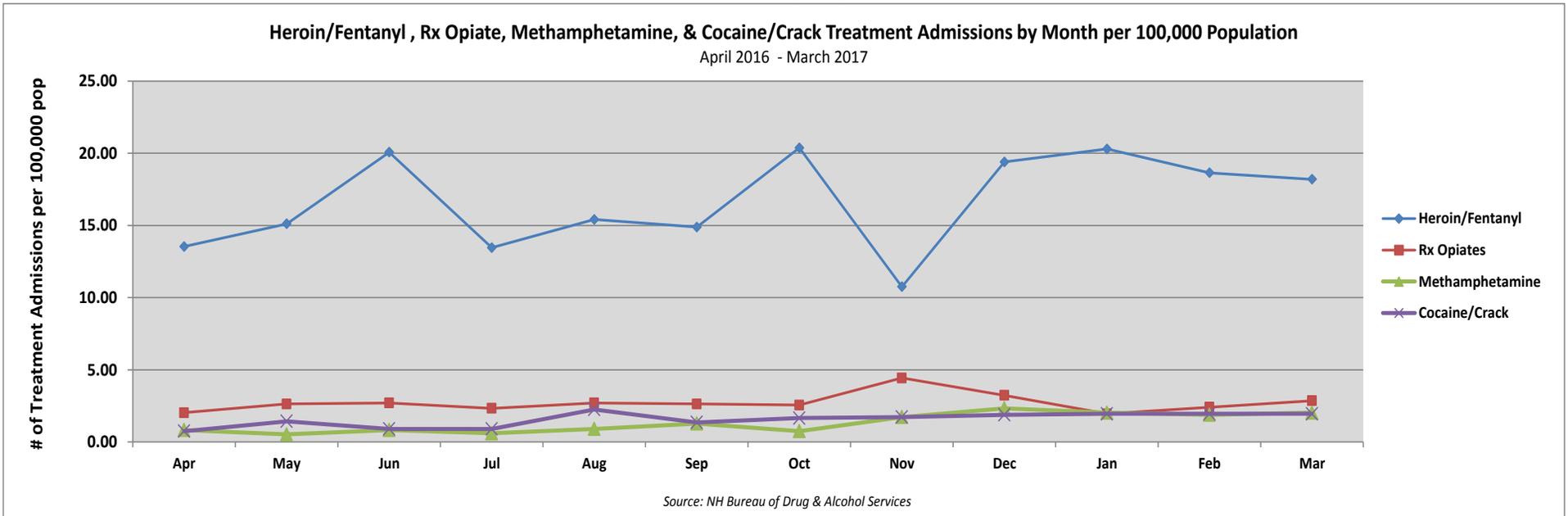
March Opioid/Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by County per 10,000 Population



Source: NH Bureau of Drug & Alcohol Services

Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services



Situational Awareness:



**James Vara, Governor’s Advisor on
Addiction and Behavioral Health**

I presume that one of the most difficult parts of each of your positions is letting people know the work that you do. In relation to my position, I am repeatedly asked about the work that is done by the state in relation to the “drug crisis”—given all of the dedicated hard work it is somewhat difficult to give a five minute “elevator speech.” Specifically related to that, I am frequently asked about the Governor’s Commission on Alcohol and Drug Abuse Prevention, Treatment and Recovery (Commission). The State of New Hampshire’s strategic and coordinated response to the “drug crisis” is driven by the Governor, the General Court, state agencies, the Commission and associated Task Forces (Healthcare, Joint Military, Opioid, Perinatal Substance Exposure, Data and Evaluation, Prevention, Treatment, and Recovery), and the innovative efforts of local communities, nonprofit organizations, and dedicated volunteers. The Commission, which was initiated in 2001, includes the aforementioned task forces, and is comprised of diverse stakeholders, who work with multiple partners from the public and private sectors at both the community and state level. The Commission shepherded the implementation of the statewide strategic plan, *Collective Action-Collective Impact: NH’s Strategy for Reducing the Misuse of Alcohol and other Drugs and Promoting Recovery 2013-2017*, which utilizes a comprehensive public health approach to address the misuse of alcohol and other drugs in New Hampshire. It is undergoing revision and an updated strategy will be re-released in 2017.

NEW HAMPSHIRE SAFE STATIONS

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

	Manchester	Nashua
As of:	4/14/2017	4/14/2017
• Number of requests at MFD/NFR for Safe Station:	1529	318
• Number of participants transported to Hospitals:	201	45
• Number of participants taken to HOPE in NH:	347	N/A
• Number of participants taken to Serenity Place:	977	N/A
• Number of participants taken to PSL facilities:	N/A	265
• Number of participants seen for ODs prior to seeking SS Help:	—	56
• Average Length of Time MFD/NRF Company “Not Available”:	14 min	11:16 min
• Number of <u>UNIQUE</u> participants:	1100	247
• Number of <u>REPEAT</u> participants:	237	71
• Age Range of Participants:	18-70	18-65

More People Now Dying From Fentanyl than Heroin in New Hampshire

According to WMUR, a powerful synthetic drug is the number one culprit behind dozens of overdose deaths so far this year in New Hampshire. According to the numbers from the Office of the Chief Medical Examiner, 18 people have died because of fentanyl. There have been no deaths caused by heroin alone in 2017.

A total of two people have died because of a mixture of heroin and fentanyl. Eighty-six deaths are still pending toxicology reports. Last year, fentanyl killed nearly 200 people in New Hampshire.

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*

<p><u>BERLIN</u> Tri-County Community Action Programs Inc. 30 Exchange Street Berlin, NH 03570</p>	<p><u>GILFORD</u> 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</p>	<p>Manchester Alcoholism and Rehabilitation Center (Intensive Outpatient 18 years and older and Outpatient Services.) 555 Auburn Street Manchester, NH 03101 Phone: 603-263-6287</p>	<p>The Youth Council (Outpatient for Adolescents and Families.) 112 W. Pearl Street Nashua, NH 03060 Phone: 603-889-1090</p>
<p><u>CANNAN</u> HALO Educational Systems 44 Roberts Road Canaan, NH 03741</p>	<p><u>HAVERHILL</u> Grafton County House of Corrections Dartmouth College Road Haverhill, NH 03765</p>	<p>National Council on Alcoholism and Drug Dependence—Greater Manchester 101 Manchester St. Manchester, NH 03101</p>	<p><u>PORTSMOUTH</u> 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</p>
<p><u>CONCORD</u> 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</p>	<p><u>LEBANON</u> Headrest 12 Church Street PO Box 247 Lebanon, NH 03766 Hotline: 603-448-4400 or 800-639-6095 Phone: 603-448-4872</p>	<p><u>NASHUA</u> 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</p>	<p><u>SOMERSWORTH</u> Goodwin Community Health Center 311 NH-108 Somersworth, NH 03878</p>
<p><u>DOVER</u> 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</p>	<p><u>MANCHESTER</u> 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</p>	<p><u>Phoenix Houses of New England</u> Locations in: Dublin, Keene, Northfield</p> <p>A full list of Substance Abuse and Treatment Facilities can be found here.</p> <p>A treatment locator can be found here.</p>	