



New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

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NHIAC Product #: 2017-3050

June 2017 Report

3 August 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

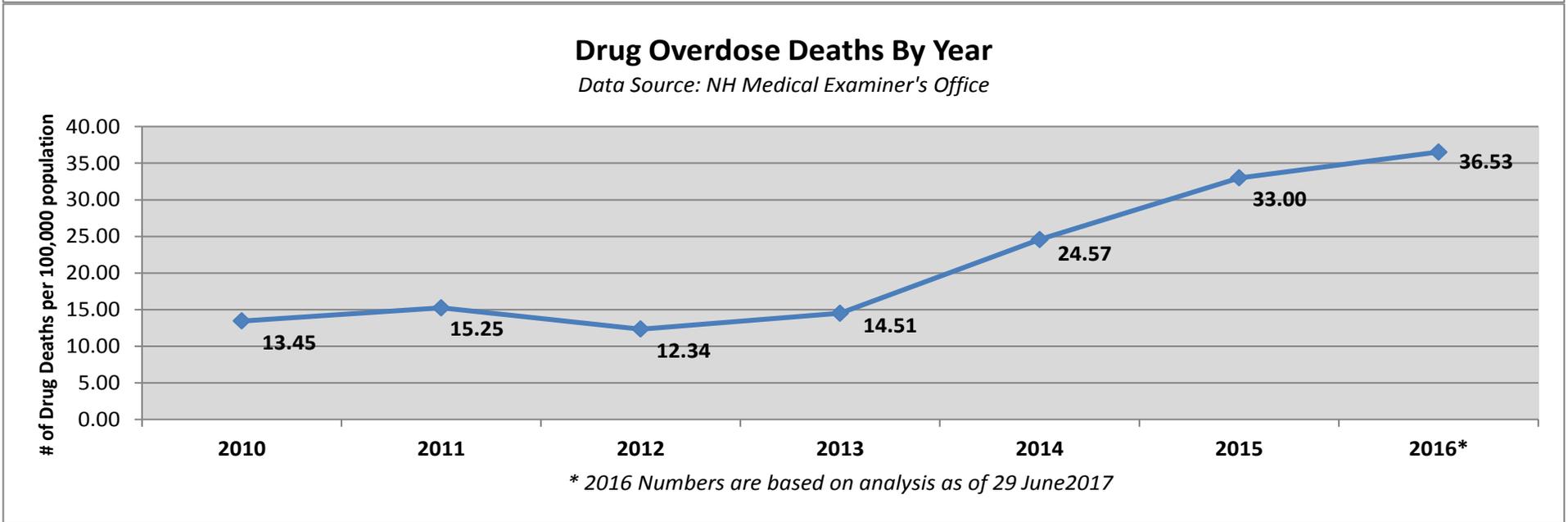
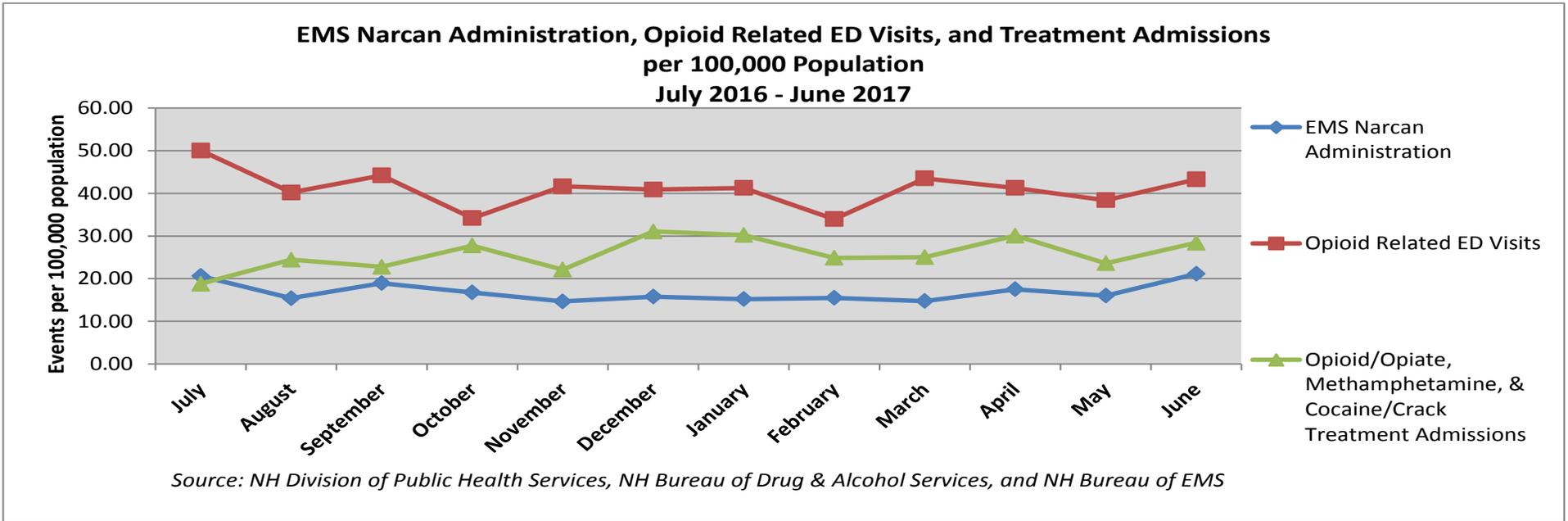
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⇒ Population data source: <http://www.nh.gov/oepp/data-center/population-estimates.htm>

- 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:



Drug Overdose Deaths:

Data Source: NH Medical Examiner's Office



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

Trends:

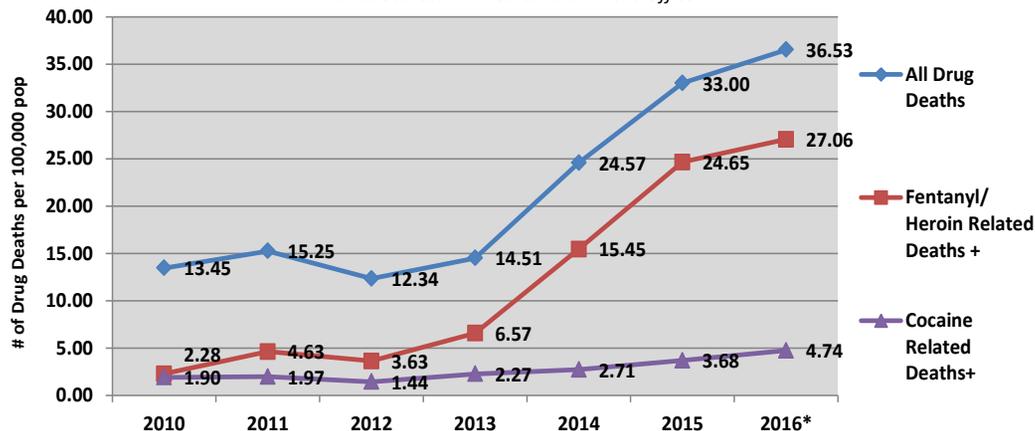
- Drug overdose deaths are projected to increase by 10.7% from 2015 to 2016.
- In 2017 Hillsborough County had the highest suspected drug use resulting in overdose deaths per capita at 1.66 deaths per 10,000 population.
- Rockingham and Strafford County had the second highest suspected drug use resulting in overdose deaths per capita at 1.36 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 *****

- 2016 Numbers are based on analysis as of 29 June 2017. There are cases from 2016 that are "pending". 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 Year per 100,000 Population

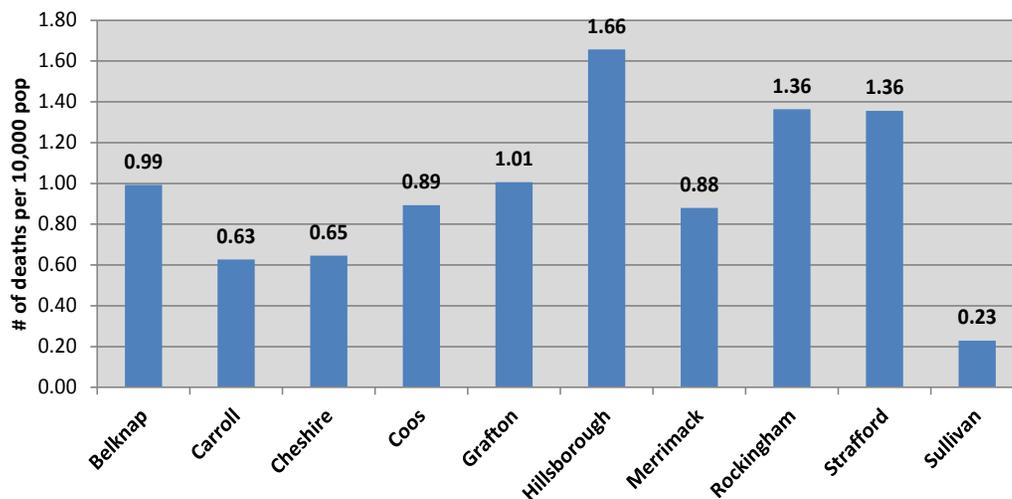
Data Source: NH Medical Examiner's Office



* 2016 Numbers are based on analysis as of 29 June 2017

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

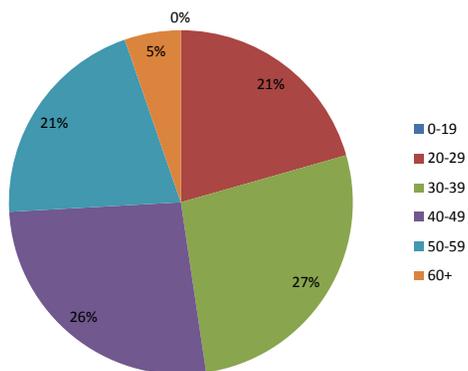
2017* Overdose Deaths by County per 10,000 Population



* 2017 Numbers are based on analysis as of 31 July 2017 - 71 cases still pending

Data Source: NH Medical Examiner's Office

Overdose Deaths by Age 2017*

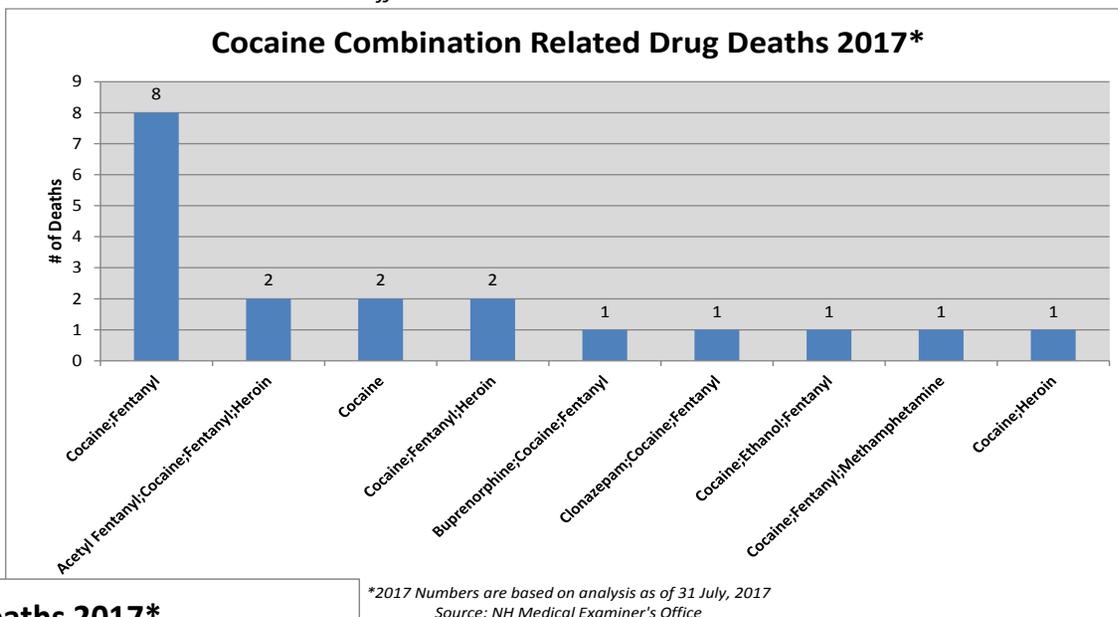


*2017 Numbers are based on analysis as of 31 July, 2017
Source: NH Medical Examiner's Office

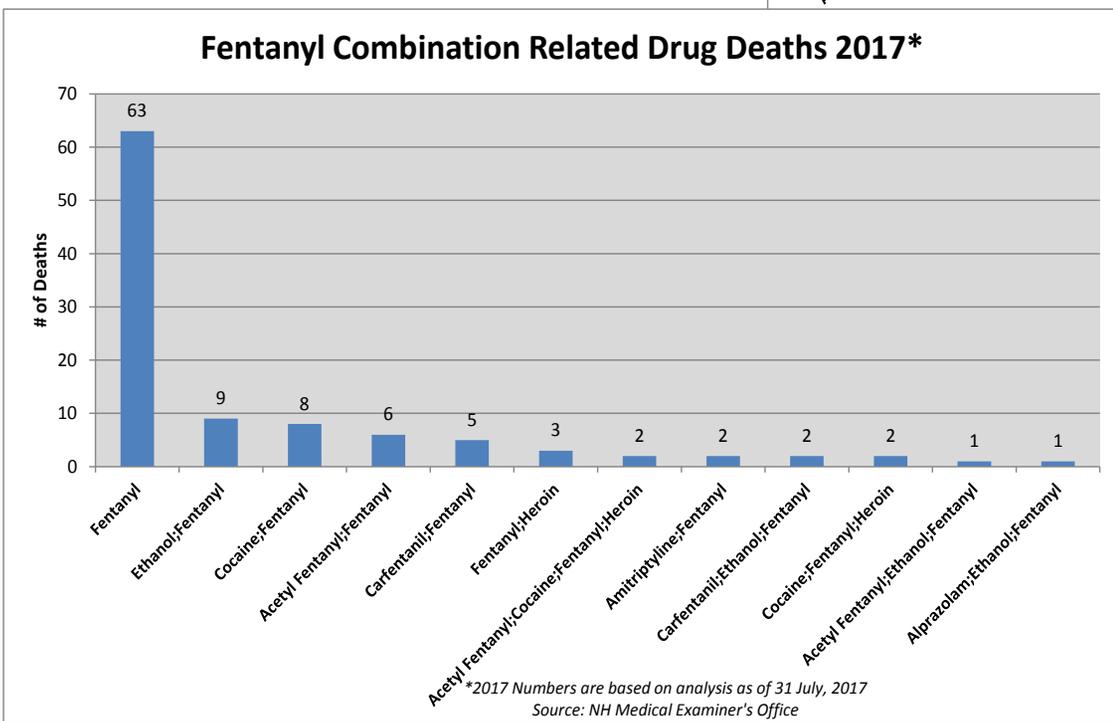
Drug Overdose Deaths (Continued):

Data Source: NH Medical Examiner's Office

Cocaine Combinations	
Cocaine; Fentanyl	8
Acetyl Fentanyl; Cocaine, Fentanyl, Heroin	2
Cocaine	2
Cocaine; Fentanyl; Heroin	2
Buprenorphine; Cocaine ; Fentanyl	1
Clonazepam; Cocaine; Fentanyl	1
Cocaine; Ethanol; Fentanyl	1
Cocaine; Fentanyl; Methamphetamine	1
Cocaine; Heroin	1



*2017 Numbers are based on analysis as of 31 July, 2017
Source: NH Medical Examiner's Office



*2017 Numbers are based on analysis as of 31 July, 2017
Source: NH Medical Examiner's Office

Fentanyl Combinations	
Fentanyl	63
Ethanol; Fentanyl	9
Cocaine; Fentanyl	8
Acetyl Fentanyl; Fentanyl	6
Carfentanil; Fentanyl	5
Fentanyl; Heroin	3
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2
Amitriptyline; Fentanyl	2
Carfentanil; Ethanol; Fentanyl	2
Cocaine; Fentanyl; Heroin	2
Acetyl Fentanyl; Ethanol; Fentanyl	1
Alprazolam; Ethanol; 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 31, 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.



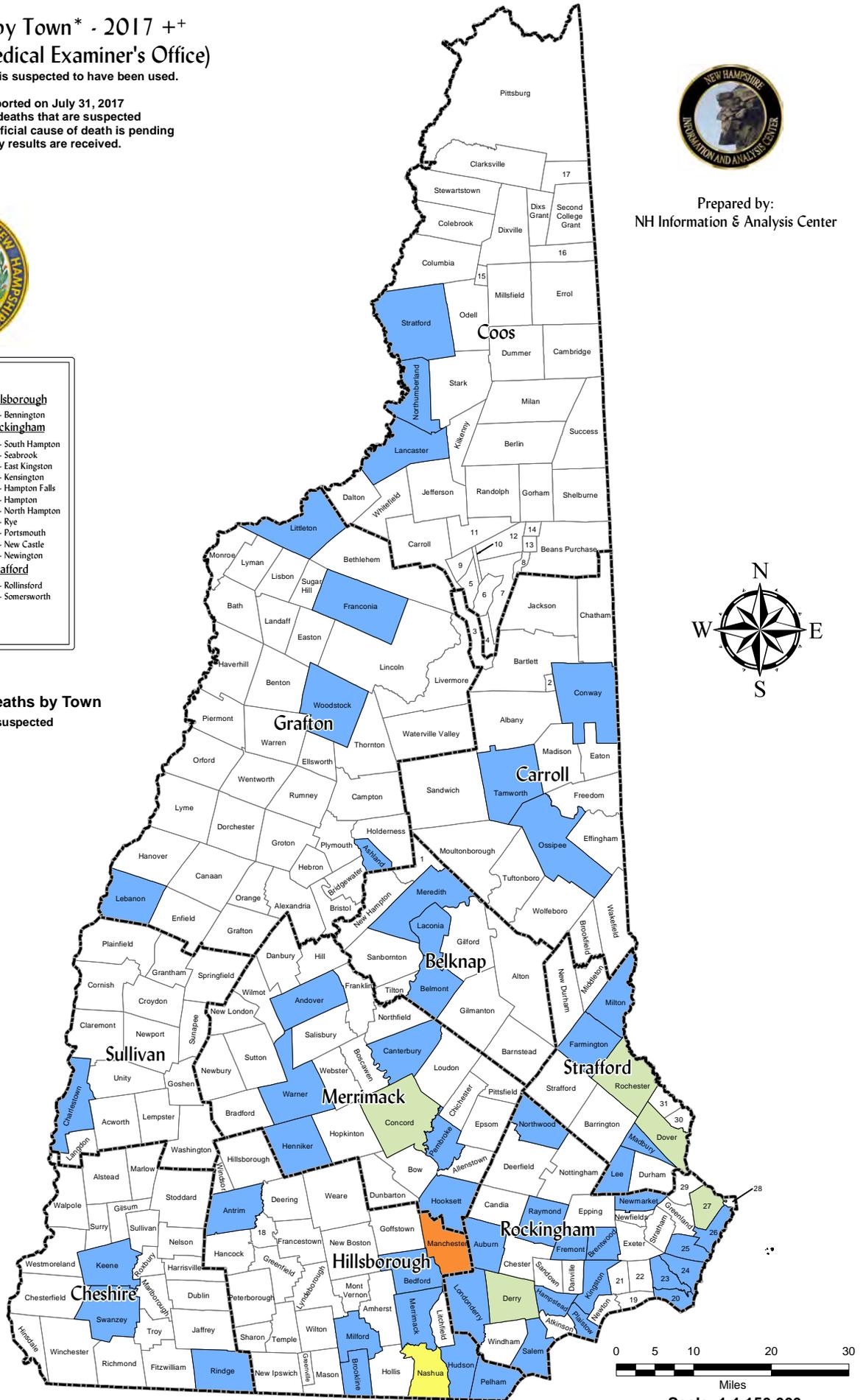
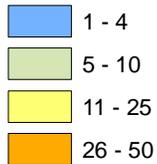
Prepared by:
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Number of Overdose Deaths by Town
 *Location where the drug(s) is suspected to have been used.



EMS Narcan Administration:

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



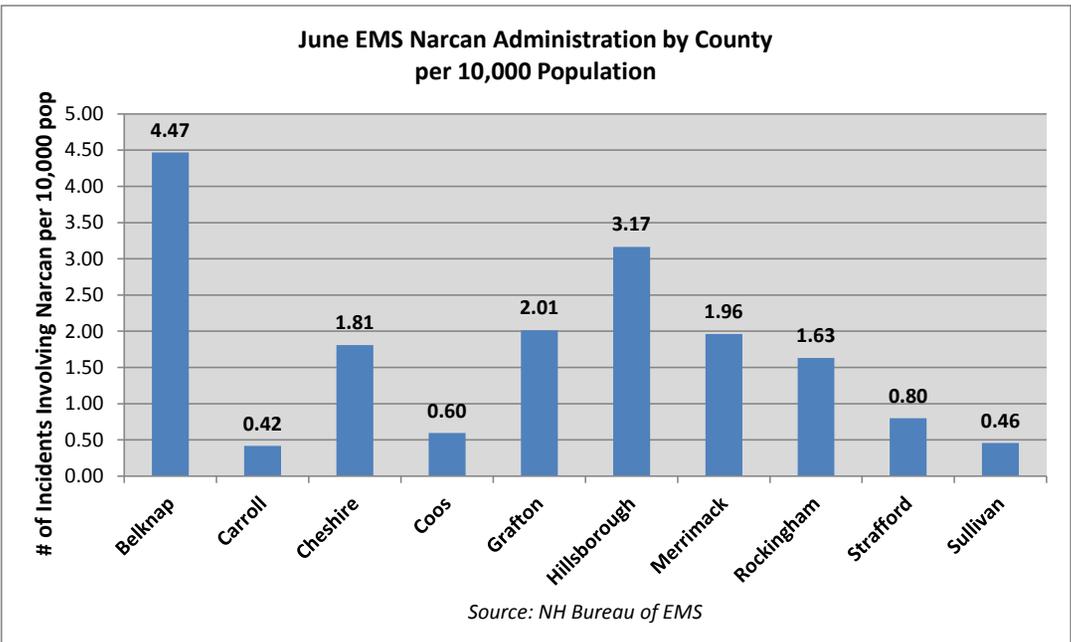
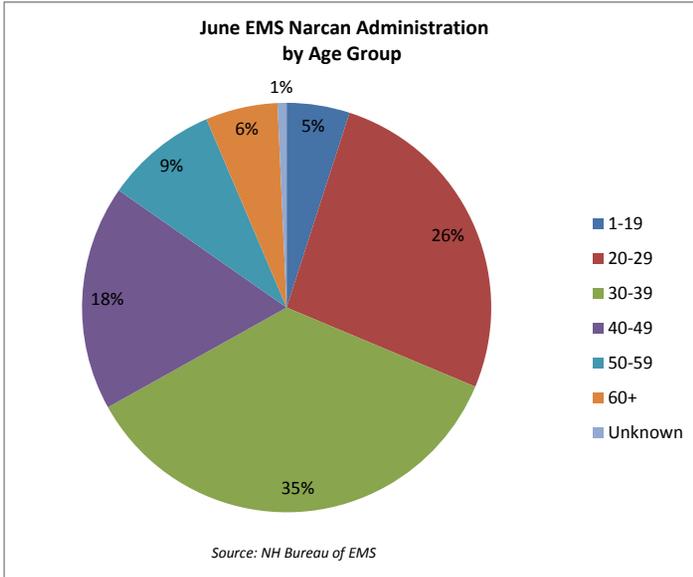
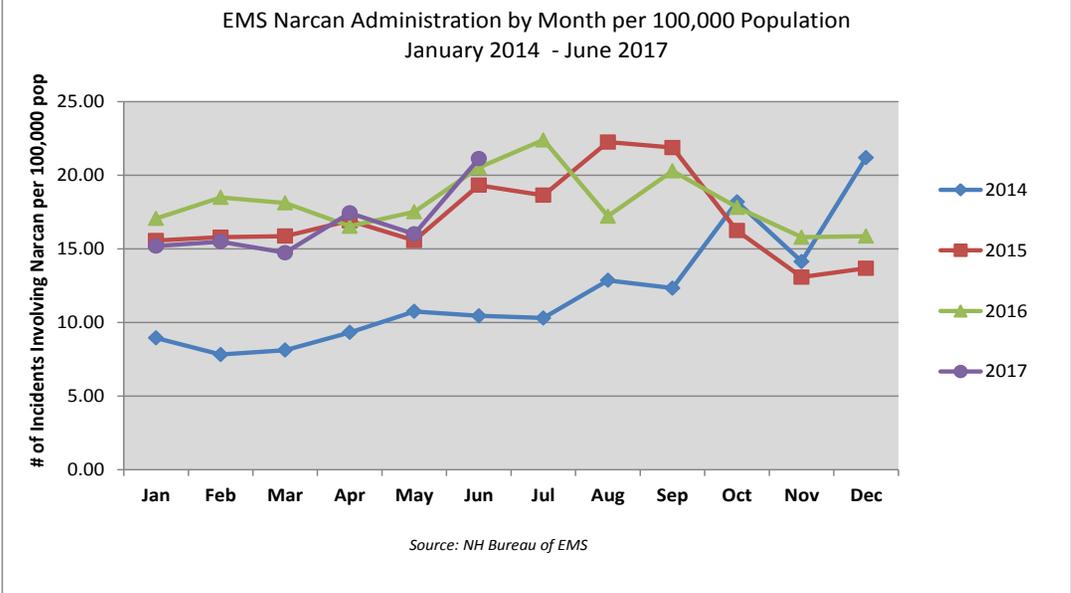
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- EMS Narcan administration increased by 32% from May to June.
- In June Belknap County had the most EMS Narcan administration incidents per capita with 4.47 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 128 incidents in June.
- The age group with the largest number of EMS Narcan administration incidents is 30-39 which represents 35% of all EMS Narcan administration incidents for June.
- NH Bureau of EMS "lives saved" has increased by 56% from May to June.

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

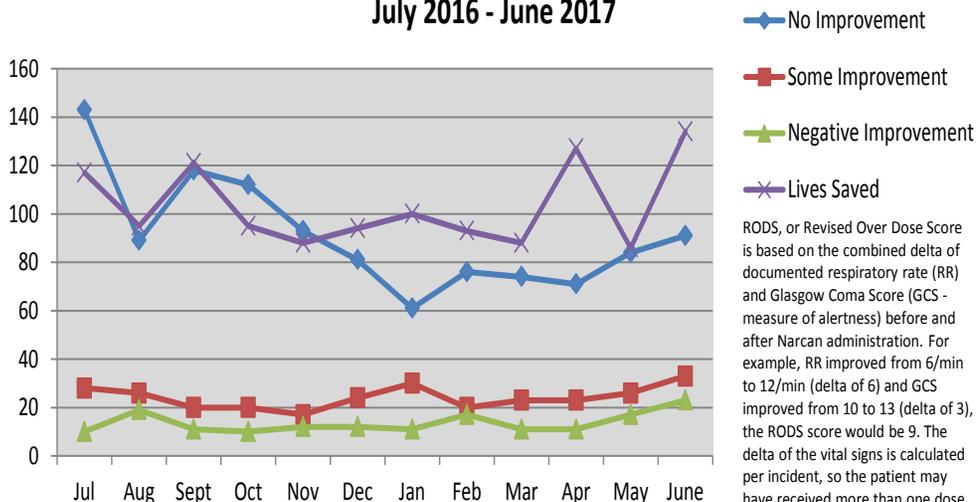
- Narcan data in this report involves the number of incidents where Narcan was administered, NOT the number of doses of Narcan during a certain time period. Multiple doses may be administered during an incident.
- Narcan is administered in cases of cardiac arrest when the cause of the arrest cannot be 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
July 2016 - June 2017



Source: NH Bureau of EMS

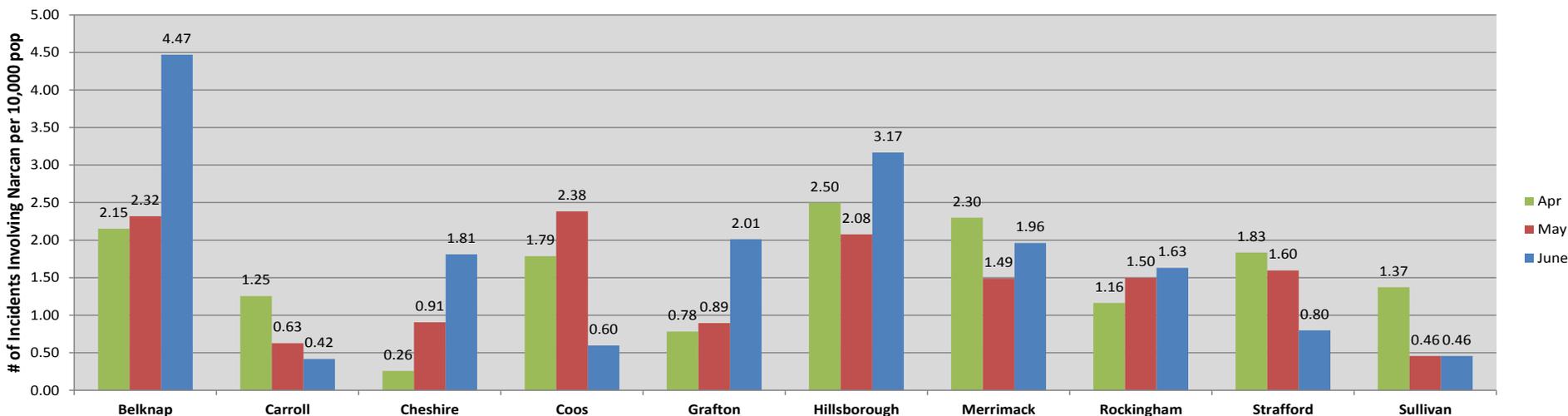
RODS, or Revised Over Dose Score is based on the combined delta of documented respiratory rate (RR) and Glasgow Coma Score (GCS - measure of alertness) before and after Narcan administration. For example, RR improved from 6/min to 12/min (delta of 6) and GCS improved from 10 to 13 (delta of 3), the RODS 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	2016						2017					
RODS Outcome	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
No Improvement <i>Negative RODS Score</i>	143	89	118	112	93	81	61	76	74	71	84	91
Some Improvement <i>RODS Score 1-7</i>	28	26	20	20	17	24	30	20	23	23	26	33
Negative Improvement <i>RODS Score of 0</i>	10	19	10	10	12	12	11	17	11	11	17	23
Lives Saved <i>RODS Score of 8+</i>	117	95	121	95	88	94	100	93	88	127	86	134
Total	298	229	270	237	210	211	202	206	196	232	213	281

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 County per 10,000 Population



Source: NH Bureau of EMS

EMS/Narcan Administration by Town
7/1/2016 - 6/30/2017

Data Source: New Hampshire Bureau of EMS

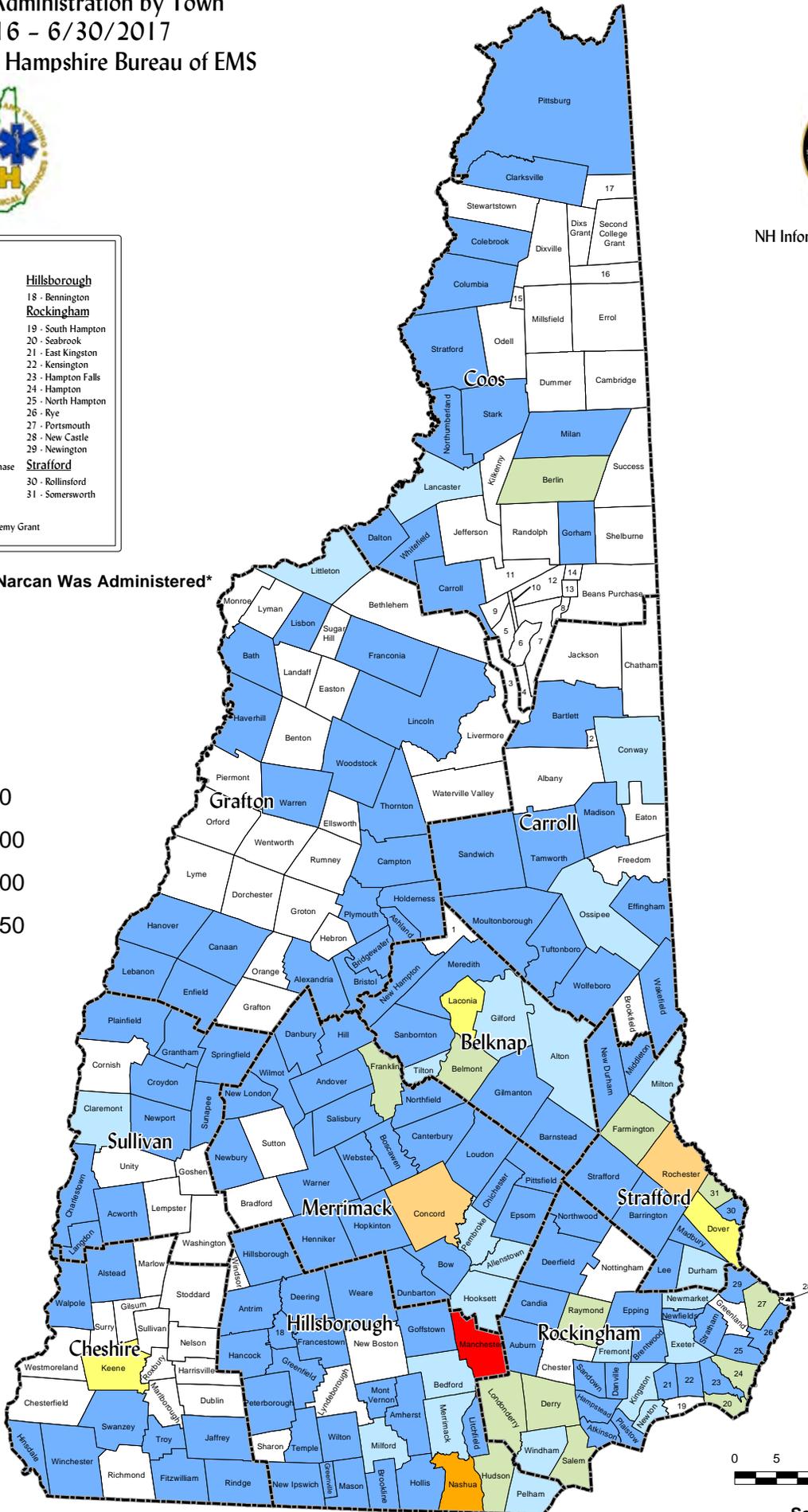
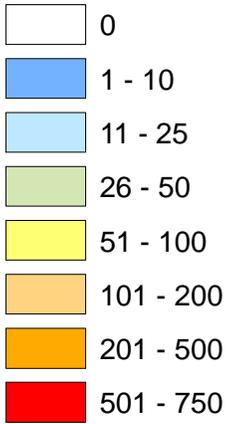


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Incidents Where Narcan Was Administered



Scale: 1:1,150,000

Opioid Related Emergency Department Visits:

Data Source: NH Division of Public Health Services



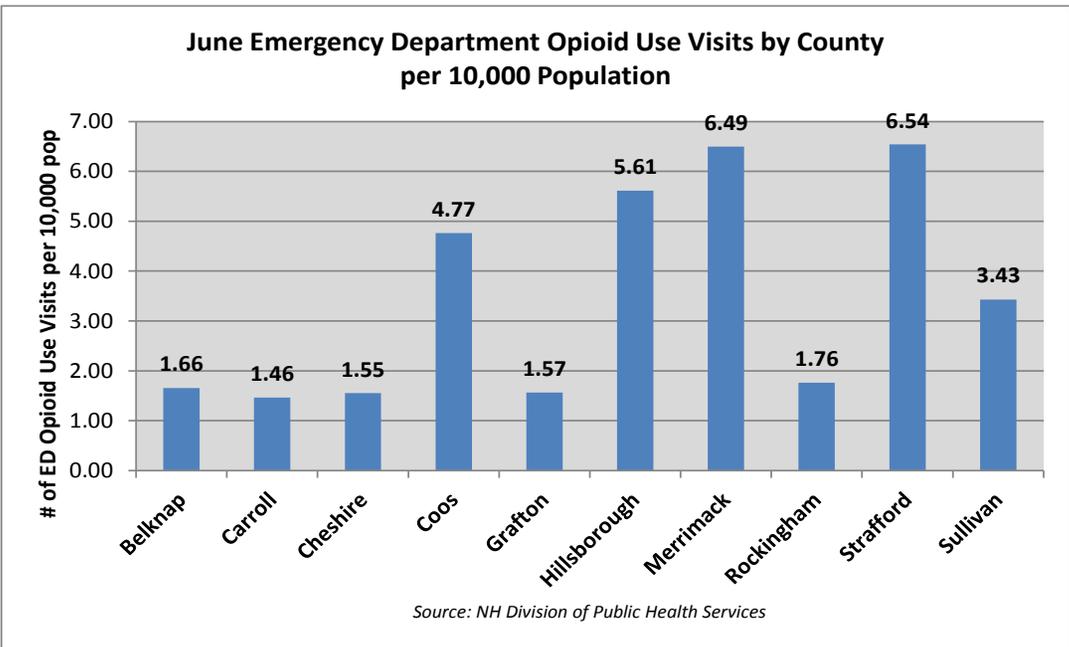
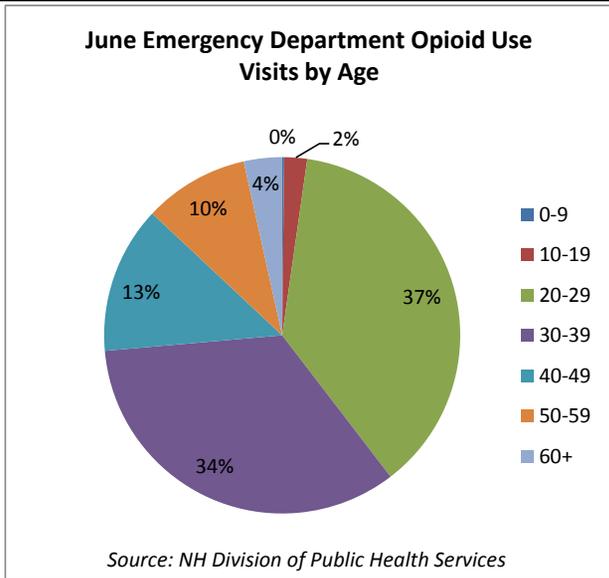
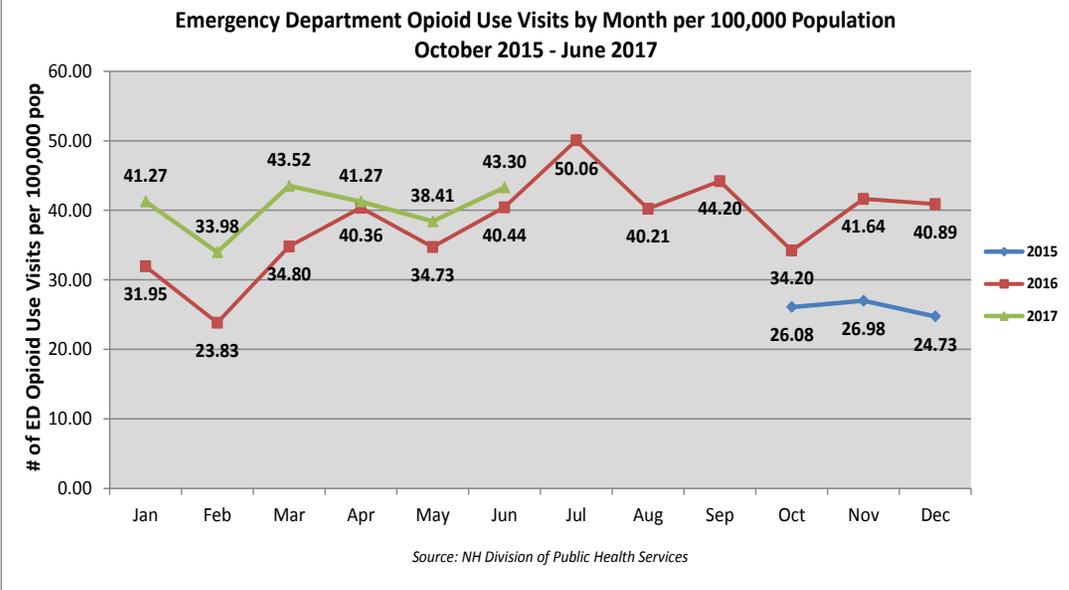
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- Opioid related ED visits increased by 12% from May — June 2017.
- In June residents from Strafford County had the most opioid related ED visits per capita with 6.54 visits per 10,000 population.
- Merrimack County had the second highest number of opioid related ED visits per capita with 6.49 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 June.

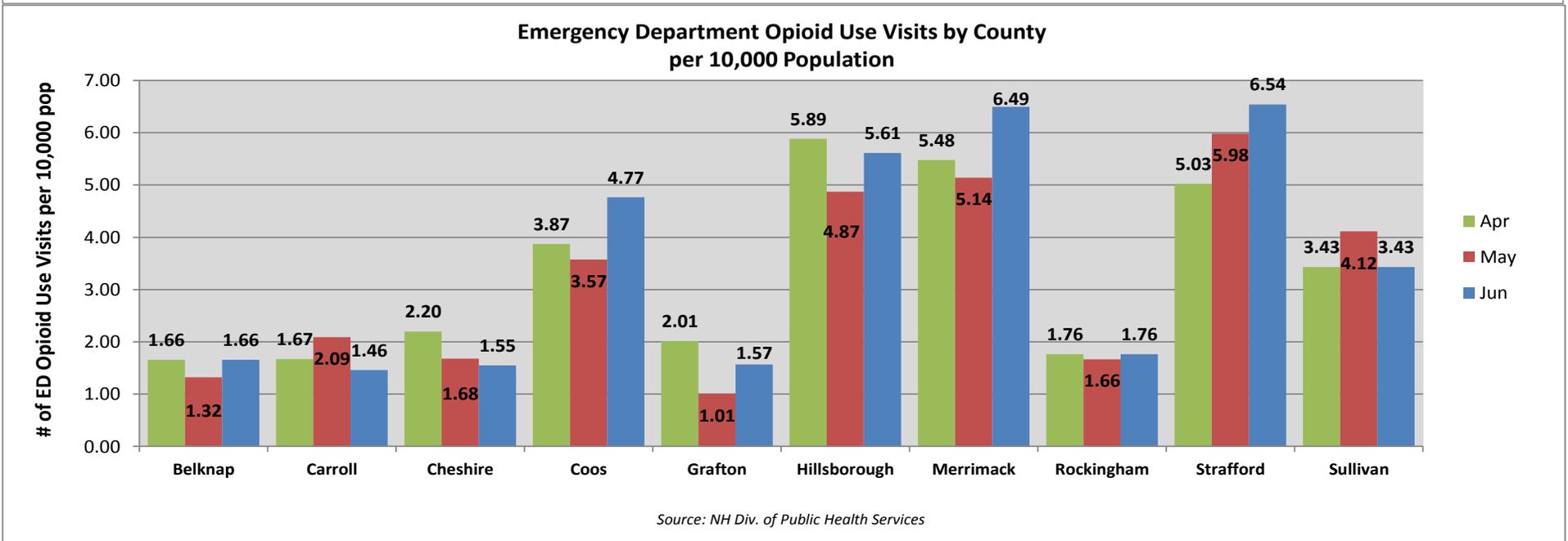
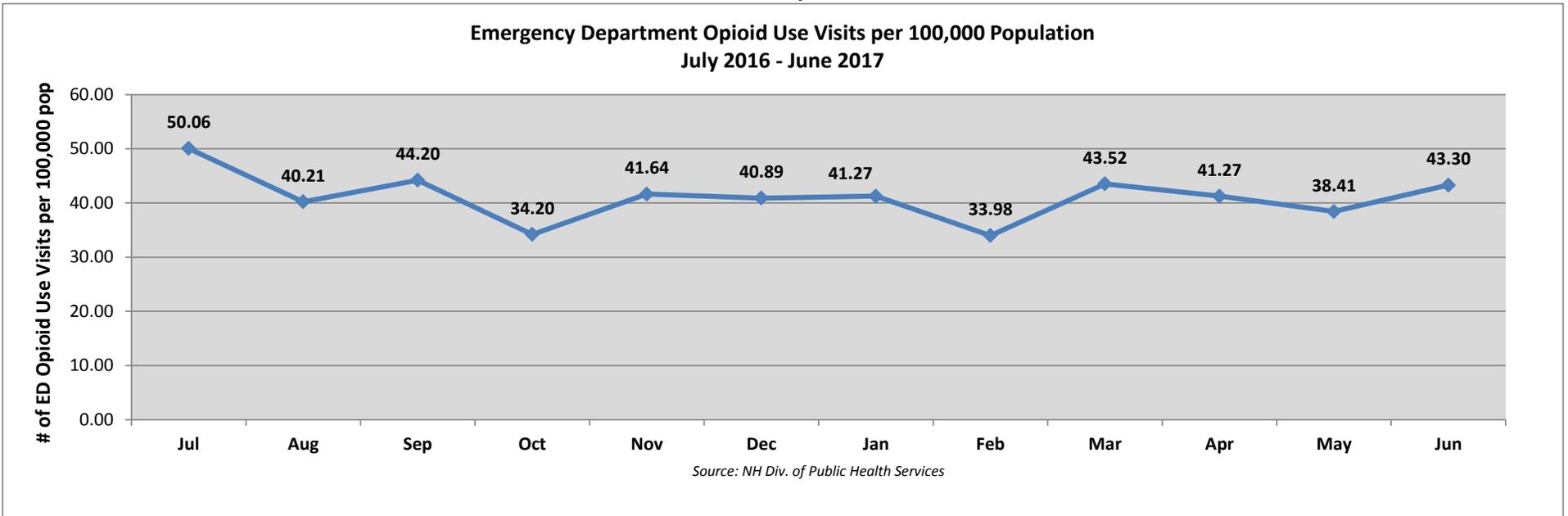
***** IMPORTANT DATA NOTES *****

- 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.

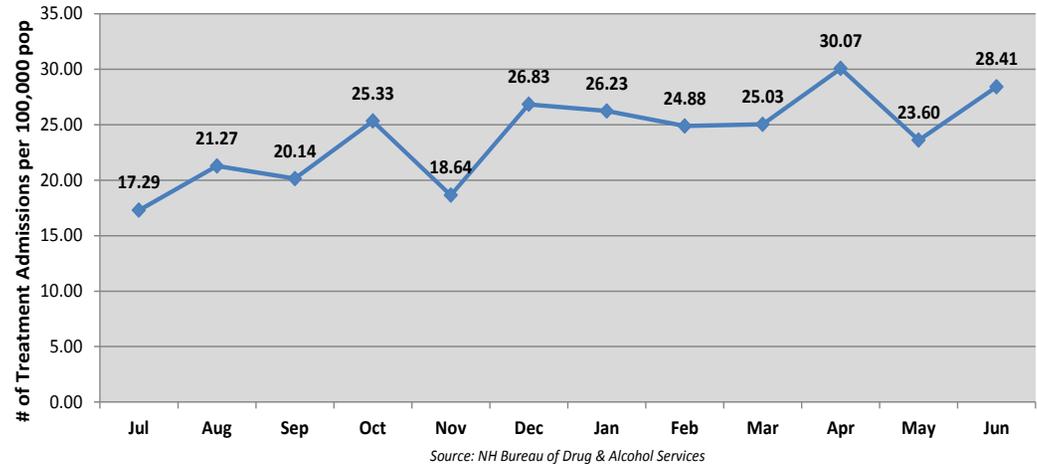
Trends:

- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions increased by 20% from May to June.
- In June residents from Hillsborough County were admitted most often for opioid/opiate treatment per capita with 1.93 admissions per 10,000 population.
- More males than females were admitted to treatment programs in June for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions increased by 68% from May to June.
- Cocaine/Crack treatment admissions decreased by 11% from May to June.

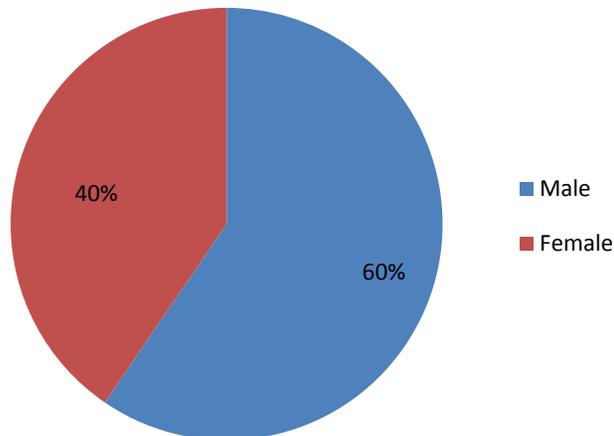
***** IMPORTANT DATA NOTES*****

- 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
July 2016 - June 2017

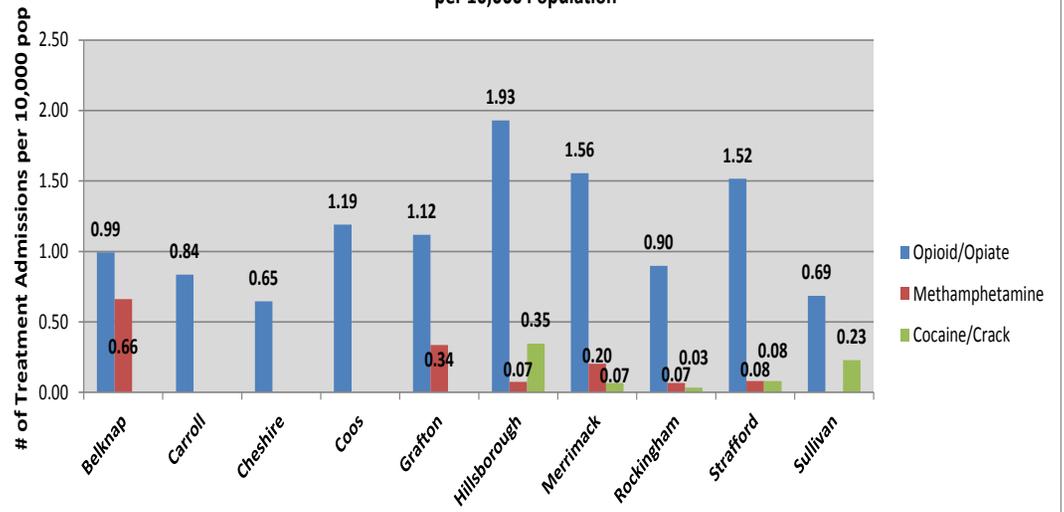


June Treatment Admissions by Gender



Source: NH Bureau of Drug & Alcohol

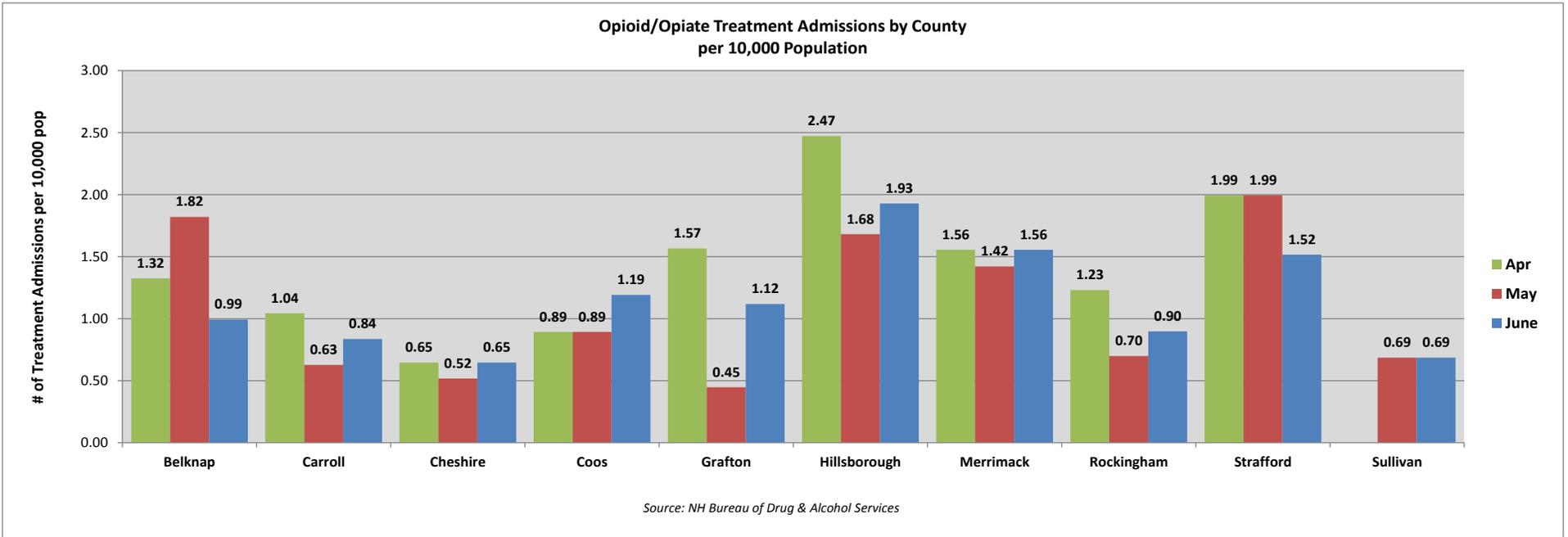
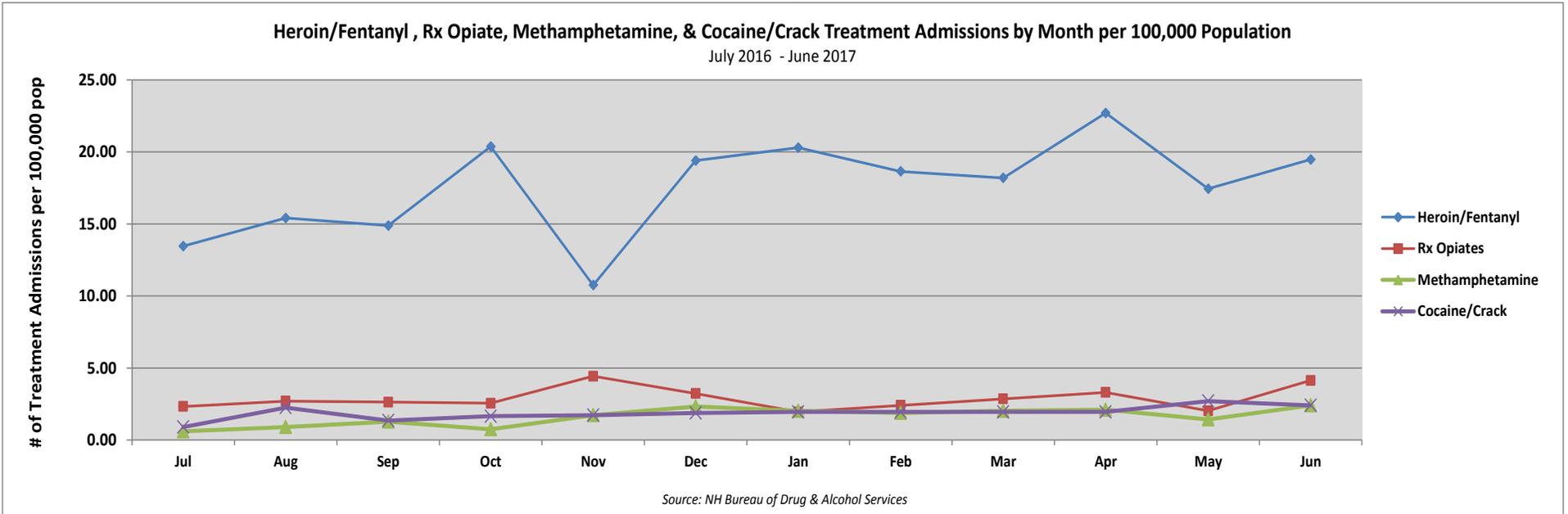
June Opioid/Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by County per 10,000 Population



Source: NH Bureau of Drug & Alcohol Services

Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services



Situational Awareness:



NH Dept. of Health & Human Services



Bureau of Drug and Alcohol Services' Monthly Brief

The BDAS Brief is a monthly eNewsletter designed to publicize the great work being done throughout New Hampshire on behalf of substance misuse prevention, intervention, treatment and recovery. This eNewsletter contains information of statewide significance for those of us interested in substance misuse, including:

- links to downloadable products you can use in your work and community;
- news about exciting new initiatives;
- information on funding opportunities; and
- call-outs for awareness and educational events

If you would like to receive the eNewsletter directly please subscribe [HERE](#) (only your e-mail and zip code are required.) If you have any questions about the eNewsletter, contact BDAS Health Promotion Advisor Randy Moser at Randolph.Moser@dhhs.nh.gov.

NEW HAMPSHIRE SAFE STATIONS

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

	Manchester As of: 7/30/2017	Nashua 7/7/2017
• Number of requests at MFD/NFR for Safe Station:	2038	584
• Number of participants transported to Hospitals:	340	72
• Number of participants taken to HOPE in NH:	347	N/A
• Number of participants taken to Serenity Place:	1350	N/A
• Number of participants taken to PSL facilities:	N/A	502
• Number of participants seen for ODs prior to seeking SS Help:	—	106
• Average Length of Time MFD/NRF Company "Not Available":	14 min	11:39 min
• Number of <u>UNIQUE</u> participants:	1423	408
• Number of <u>REPEAT</u> participants:	327	155
• Age Range of Participants:	18-70	18-73

Laconia Sees 905% Increase in Doses of Narcan Used in Opioid

Overdoses:

According to WMUR, at one point Laconia was seeing a decrease in overdoses. The past 68 days have proven that the opioid crisis remains a big issue in the Lakes Region. Laconia firefighters said they have used over 900 percent more Narcan in the last 5 weeks than in the same period last year.

In the last 68 days Laconia firefighters responded to an average of 30 overdoses. "(There was) an incident the other day where we had six separate overdoses within a 12-hour period," Assistant Fire Chief Kirk Beattie said. Laconia fire personnel administered 116 doses of Narcan in 68 days.

Source: www.wmur.com

Updated: July 8, 2017

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>CANAAN</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>	