



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 #: 2017-3002

May 2017 Report

6 July 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

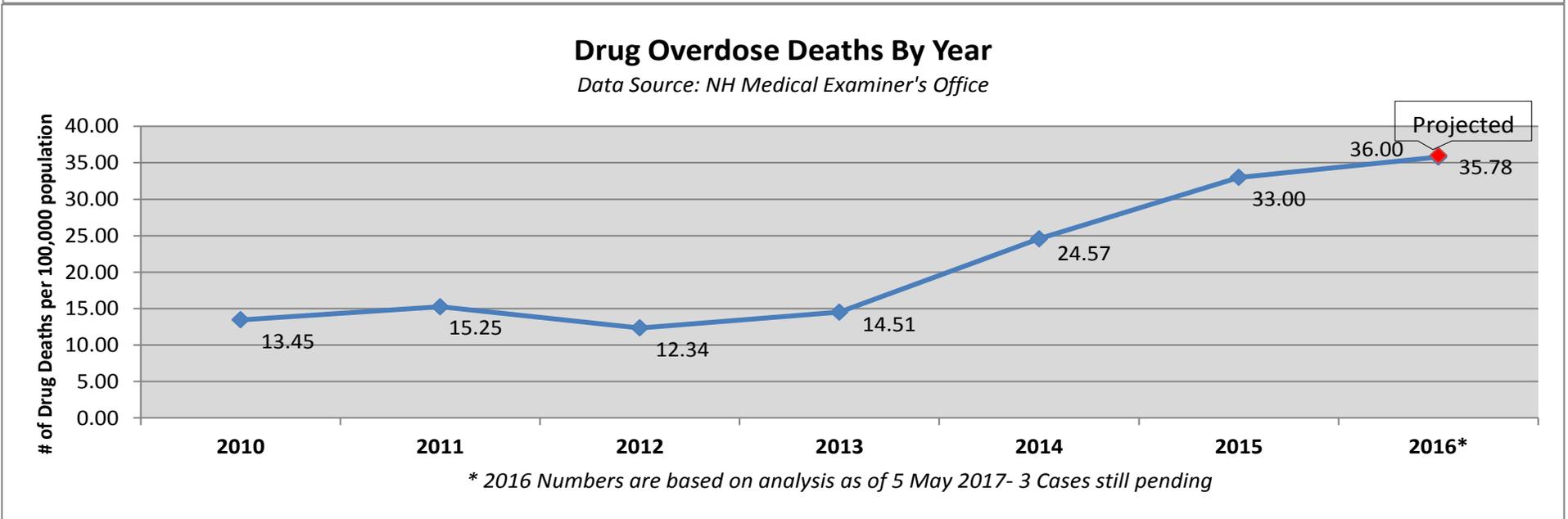
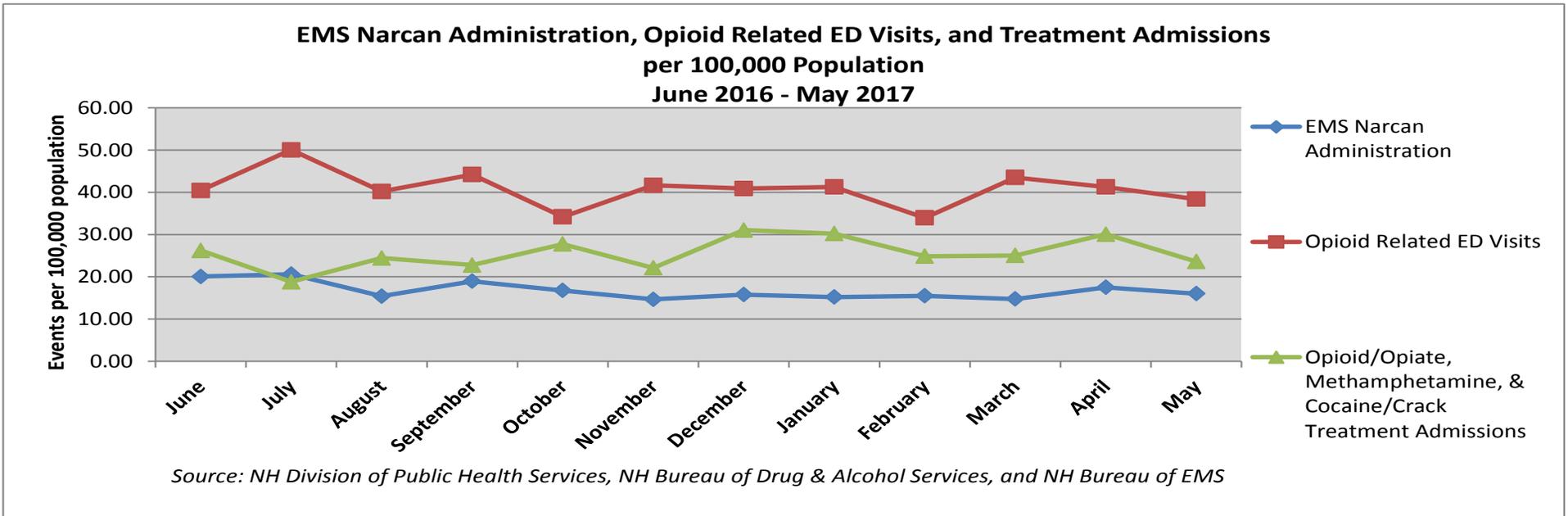
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⇒ Population data source: <http://www.nh.gov/oeep/data-center/population-estimates.htm>

- 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:



Drug Overdose Deaths:

Data Source: NH Medical Examiner's Office



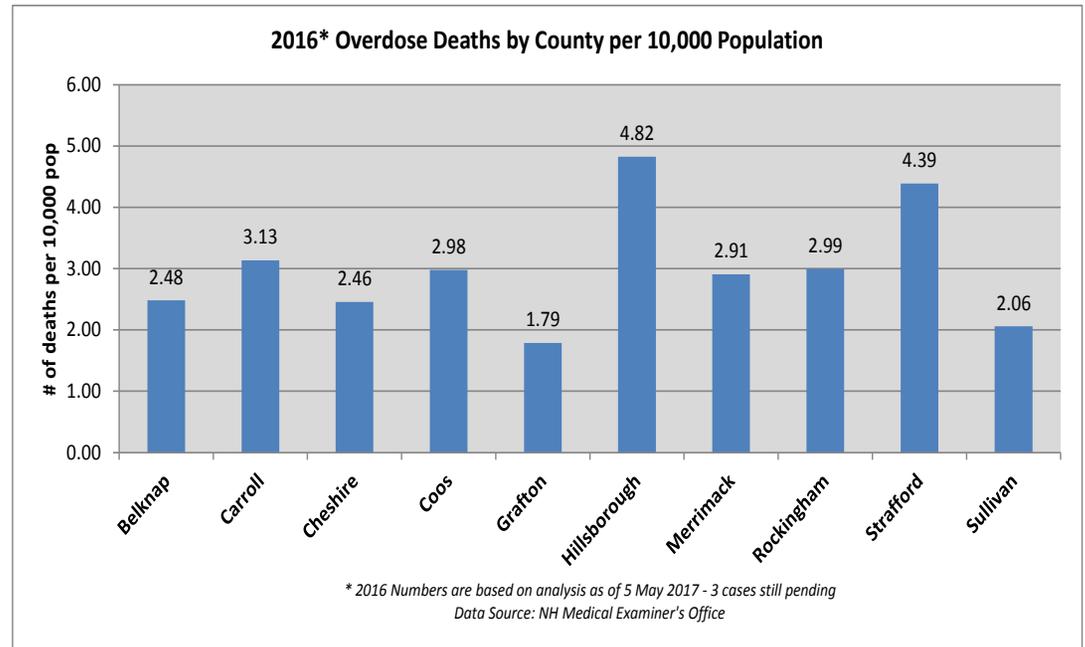
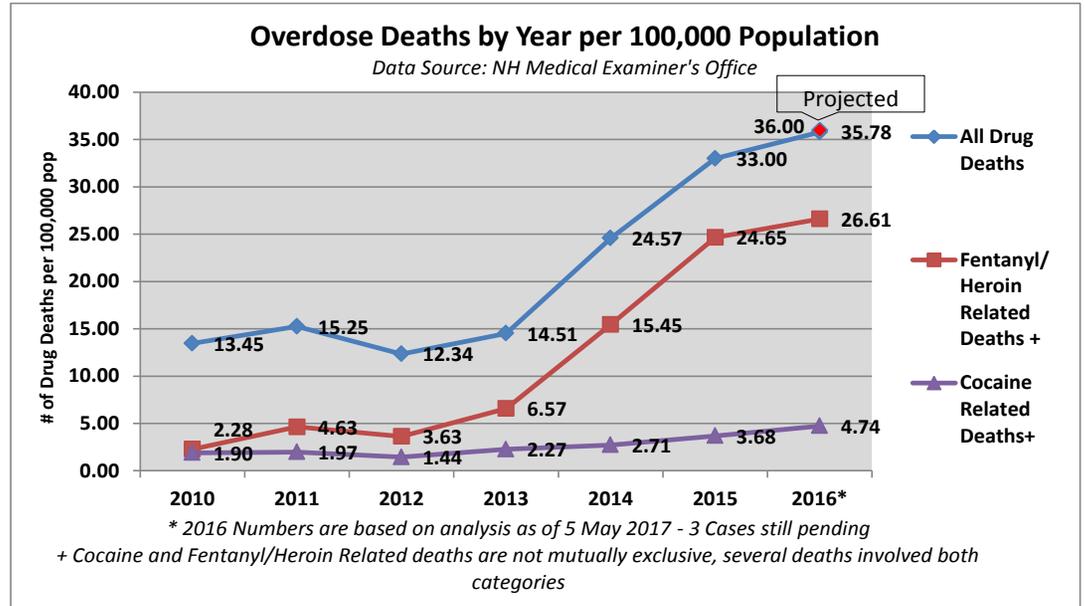
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Trends:

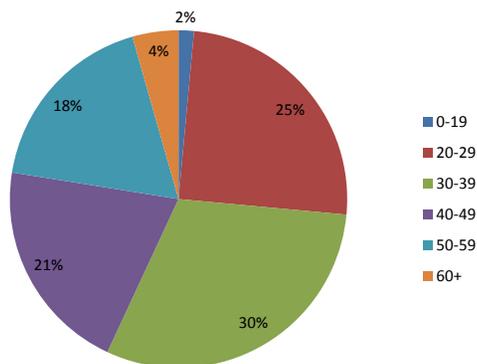
- Drug overdose deaths are projected to increase by 9% from 2015 to 2016.
- In 2016 Hillsborough County had the highest suspected drug use resulting in overdose deaths per capita at 4.82 deaths per 10,000 population.
- Strafford County had the second highest suspected drug use resulting in overdose deaths 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.



Overdose Deaths by Age 2016*

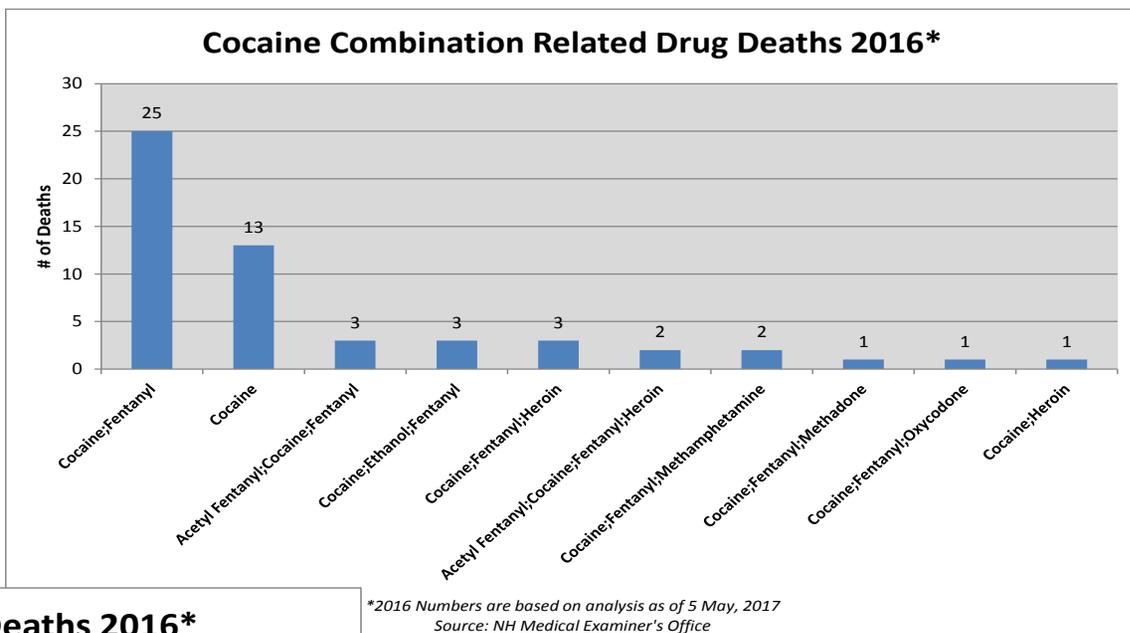


*2016 Numbers are based on analysis as of 5 May, 2017
Source: NH Medical Examiner's Office

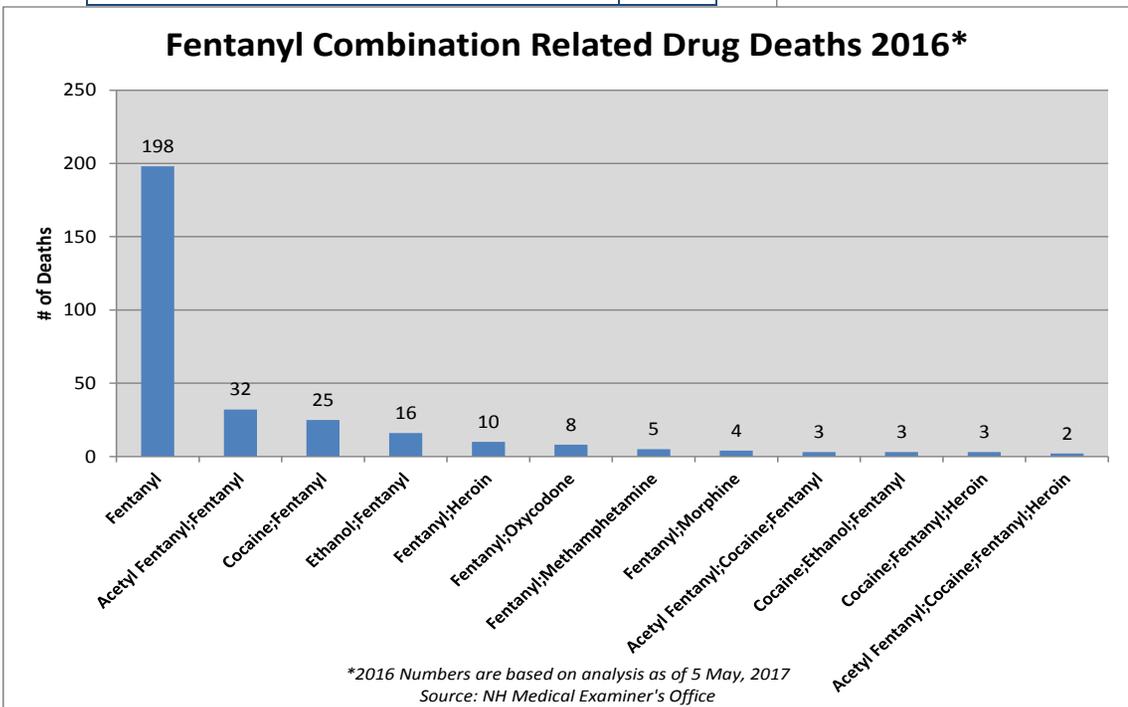
Drug Overdose Deaths (Continued):

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 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



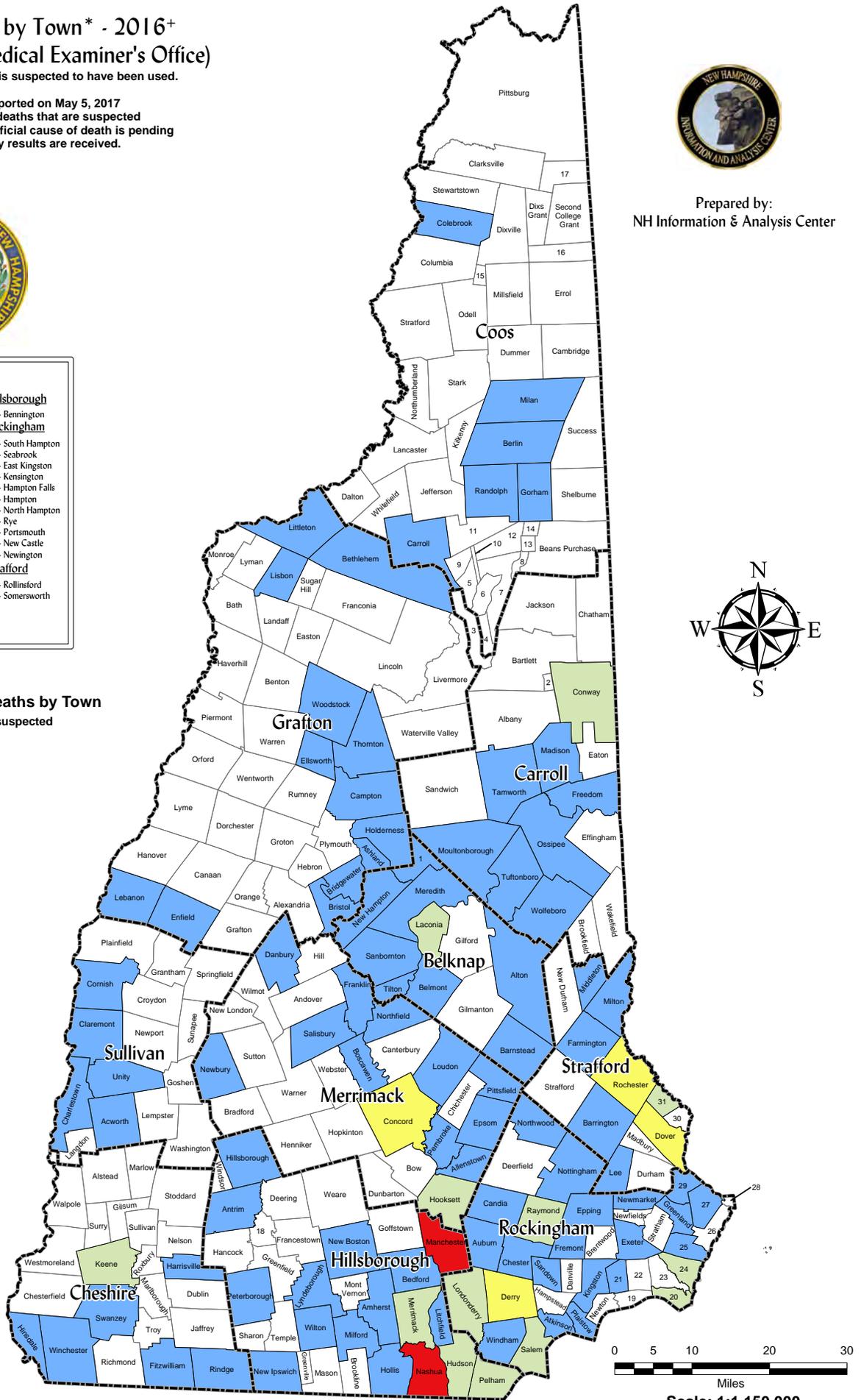
INDEX

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 - Hadley's Purchase	22 - Kensington
5 - Beans Grant	23 - Hampton Falls
6 - Cutts Grant	24 - Hampton
7 - Sargent's Purchase	25 - North Hampton
8 - Pinkham's Grant	26 - Rye
9 - Crawford's Purchase	27 - Portsmouth
10 - Chandler's Purchase	28 - New Castle
11 - Low & Burbanks Grant	29 - Newington
12 - Thompson & Meserve's Purchase	Strafford
13 - Greens Grant	30 - Rollinsford
14 - Martins Location	31 - Somersworth
15 - Erving's 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.

- 1 - 4
- 5 - 10
- 11 - 25
- 26 - 50
- 51 and greater



EMS Narcan Administration:

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



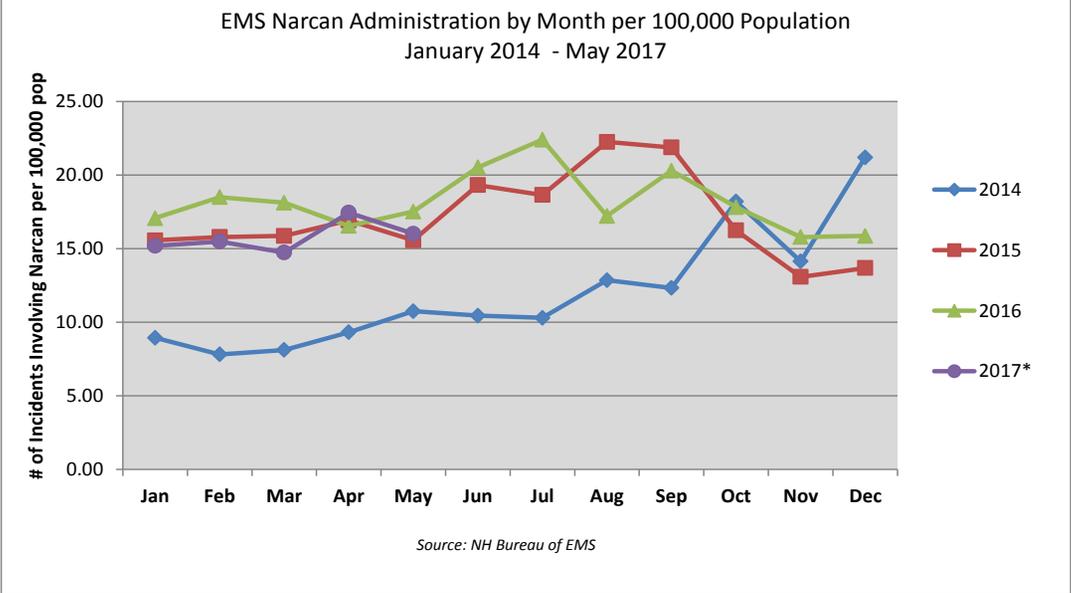
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Trends:

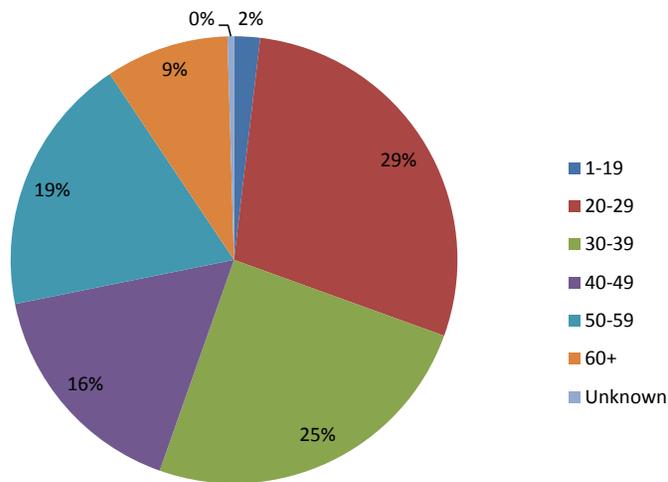
- EMS Narcan administration decreased by 8% from April to May.
- In May Coos County had the most EMS Narcan administration incidents per capita with 2.38 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 84 incidents in May.
- The age group with the largest number of EMS Narcan administration incidents is 20-29 which represents 29% of all EMS Narcan administration incidents for May.
- NH Bureau of EMS "lives saved" has decreased by 32% from April to May.

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

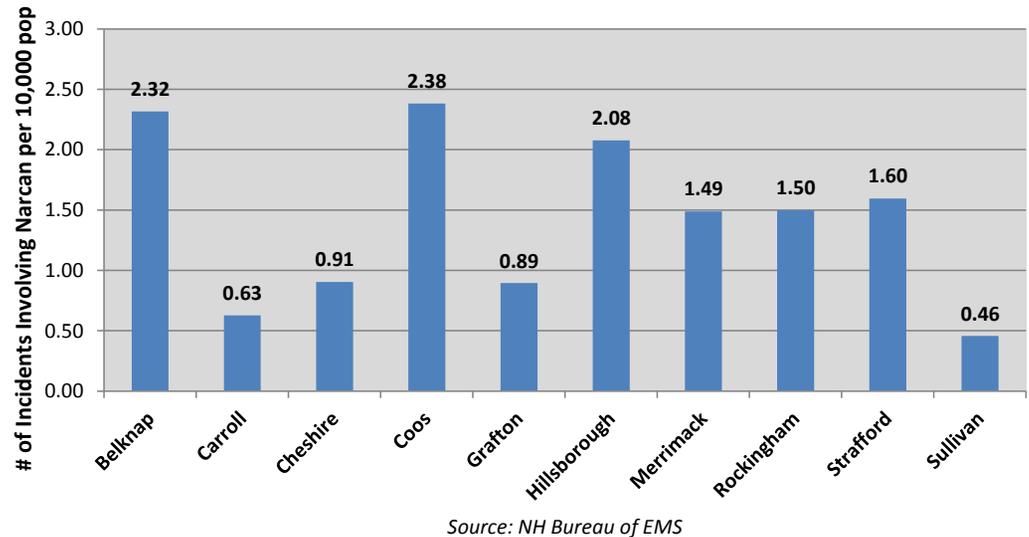
- Narcan data in this report involves the number of incidents where Narcan was administered, NOT the number of doses of Narcan during a certain time period. Multiple doses may be administered during an incident.
- Narcan is administered in cases of cardiac arrest when the cause of the arrest cannot be determined. It therefore cannot be concluded that all of the reported Narcan cases involved drugs.



May EMS Narcan Administration by Age Group

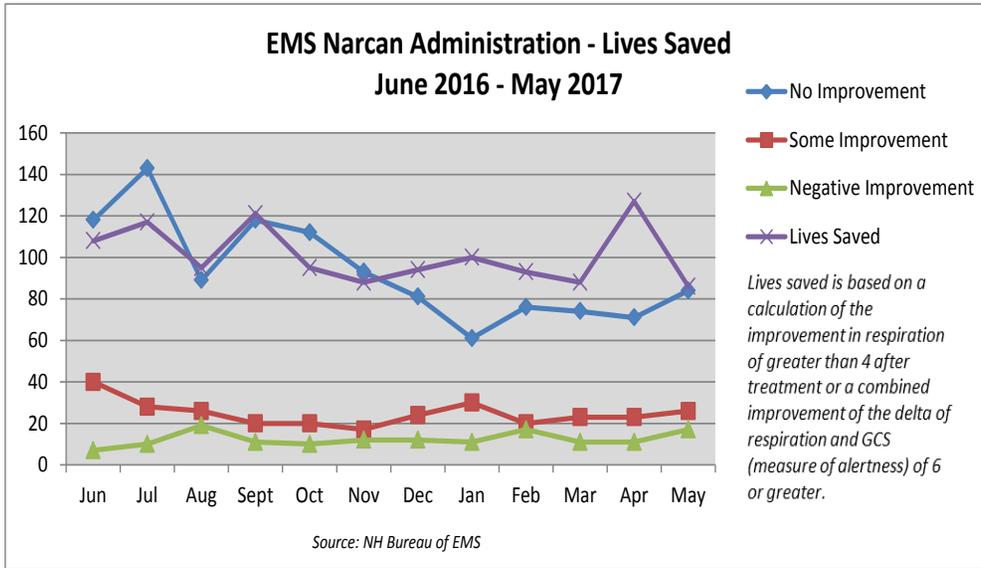


May EMS Narcan Administration by County per 10,000 Population



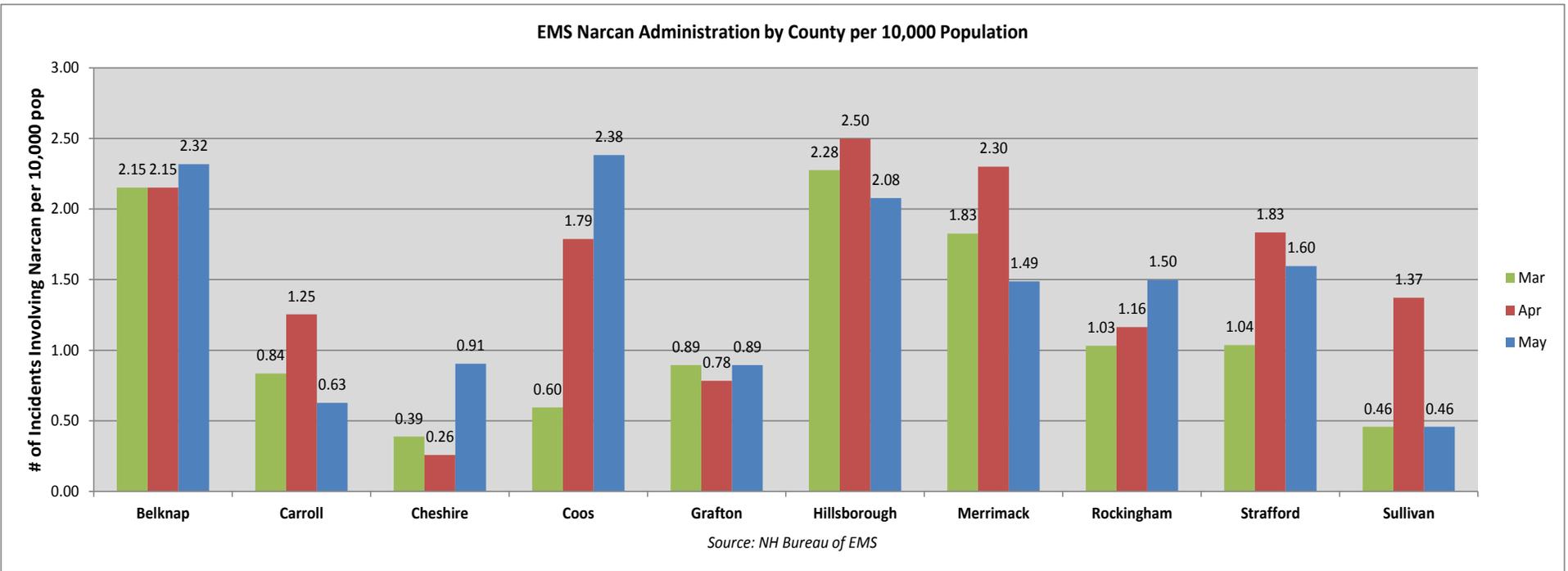
EMS Narcan Administration (Continued):

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



Source: NH Bureau of EMS	2016							2017				
RODS Outcome	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
No Improvement	118	143	89	118	112	93	81	61	76	74	71	84
Some Improvement	40	28	26	20	20	17	24	30	20	23	23	26
Negative Improvement	7	10	19	10	10	12	12	11	17	11	11	17
Lives Saved	108	117	95	121	95	88	94	100	93	88	127	86
Total	273	298	229	270	237	210	211	202	206	196	232	213

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/Narcarn Administration by Town

6/1/2016 - 5/31/2017

Data Source: New Hampshire Bureau of EMS



Prepared by:
NH Information & Analysis Center

INDEX

Belknap

1 - Center Harbor

Carroll

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23 - Hampton Falls

24 - Hampton

25 - North Hampton

26 - Rye

27 - Portsmouth

28 - New Castle

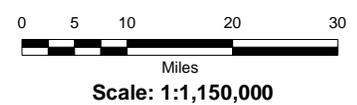
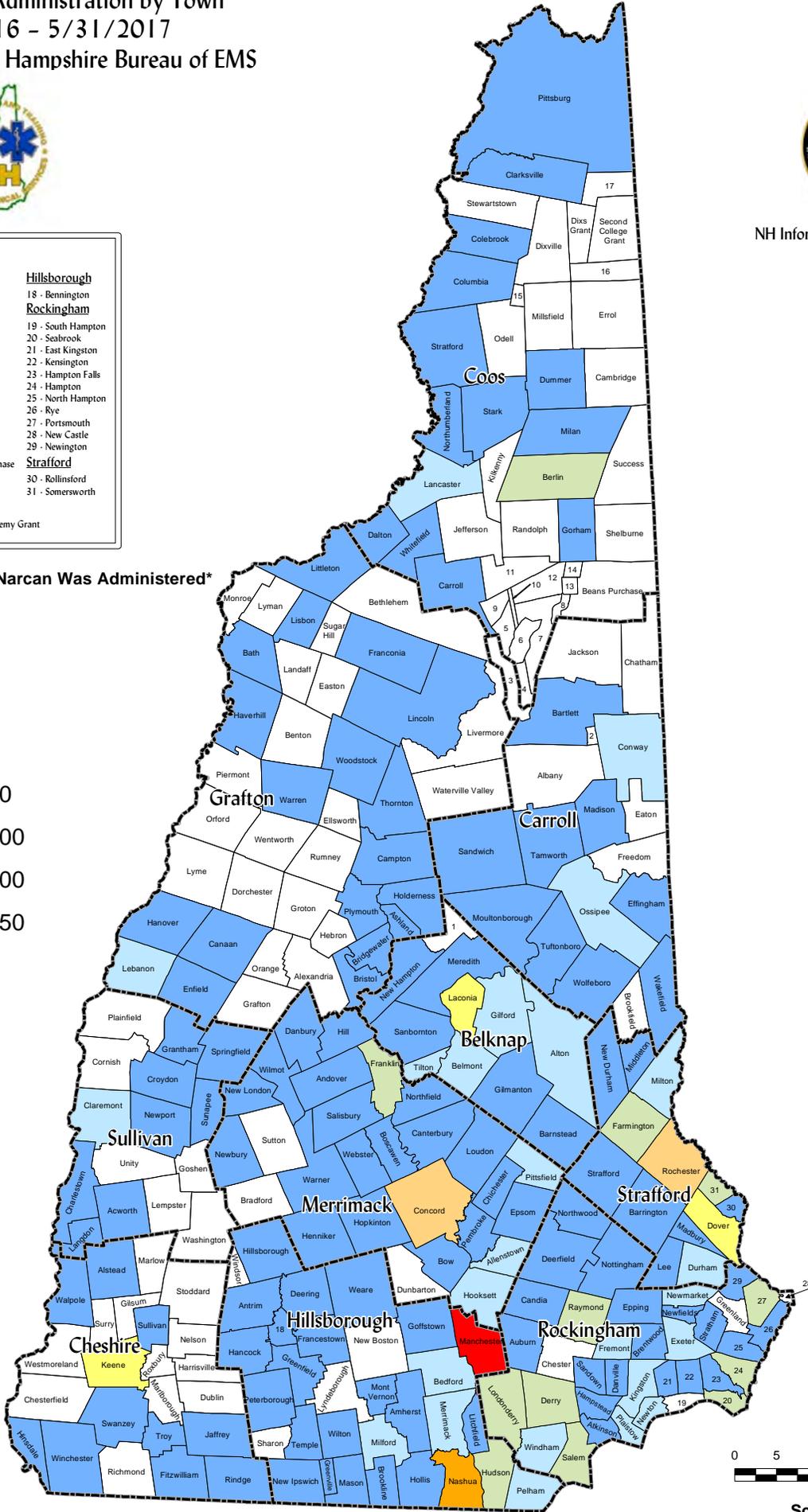
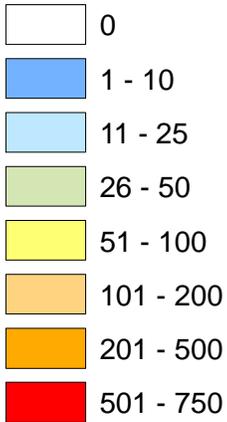
29 - Newington

Strafford

30 - Rollinsford

31 - Somersworth

Incidents Where Narcan Was Administered



Opioid Related Emergency Department Visits:

Data Source: NH Division of Public Health Services



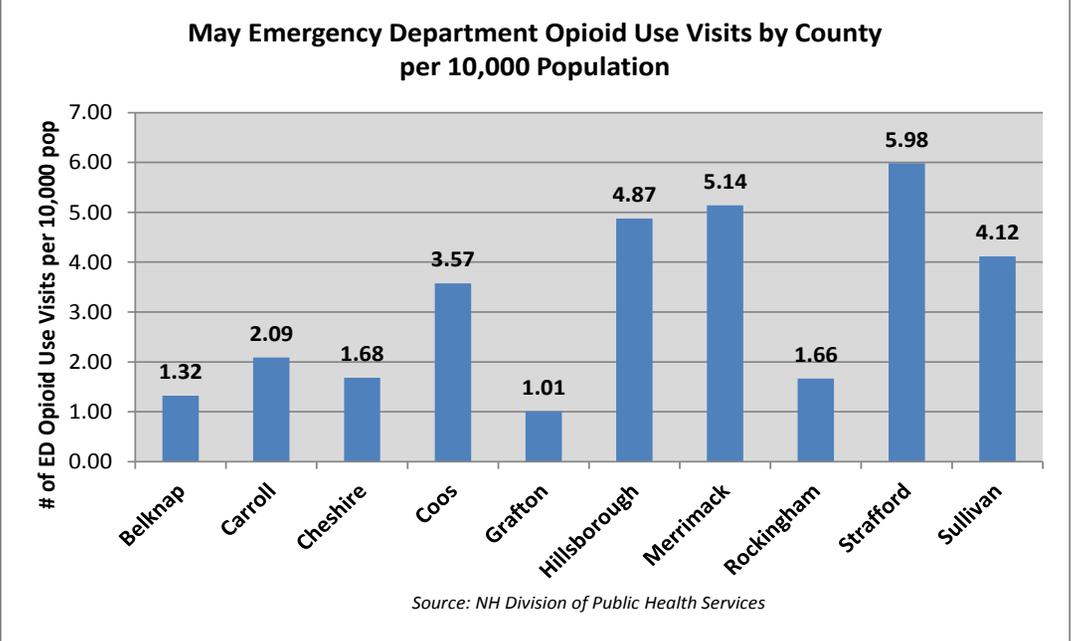
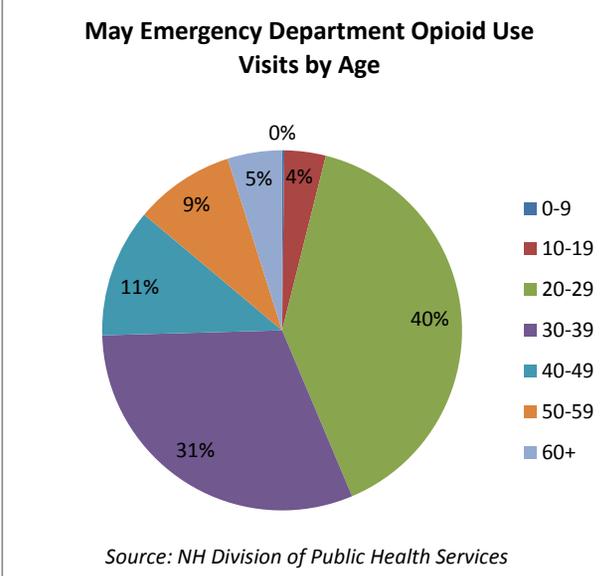
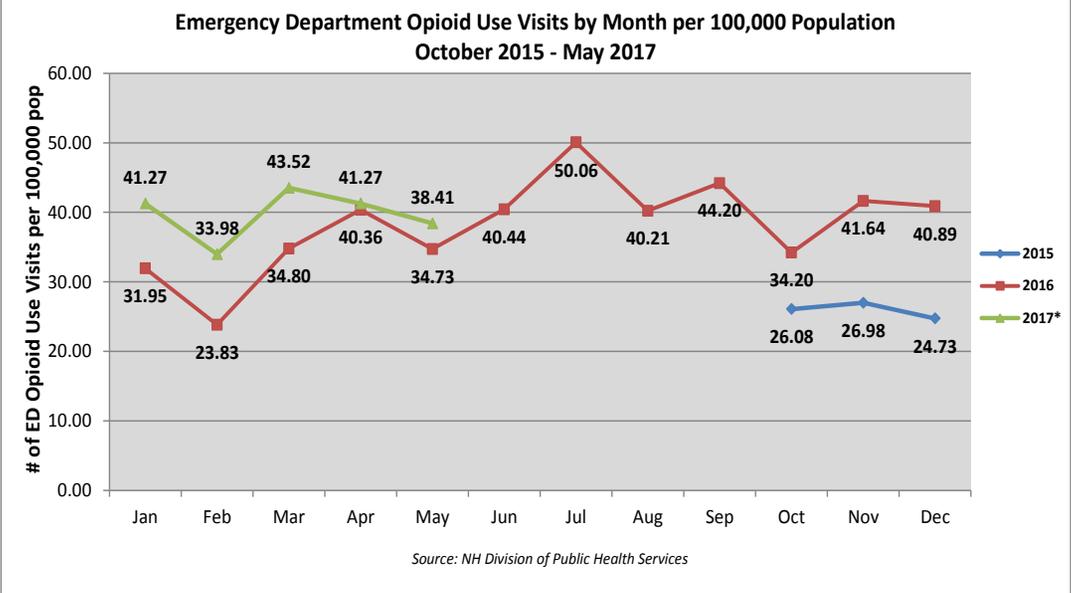
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- Opioid related ED visits decreased by 7% from April — May 2017.
- In May residents from Strafford County had the most opioid related ED visits per capita with 5.98 visits per 10,000 population.
- Merrimack County had the second highest number of opioid related ED visits per capita with 5.14 visits per 10,000 population.
- The age group with the largest number of opioid related ED visits is 20-29 which represents 40% of all opioid related ED visits for May.

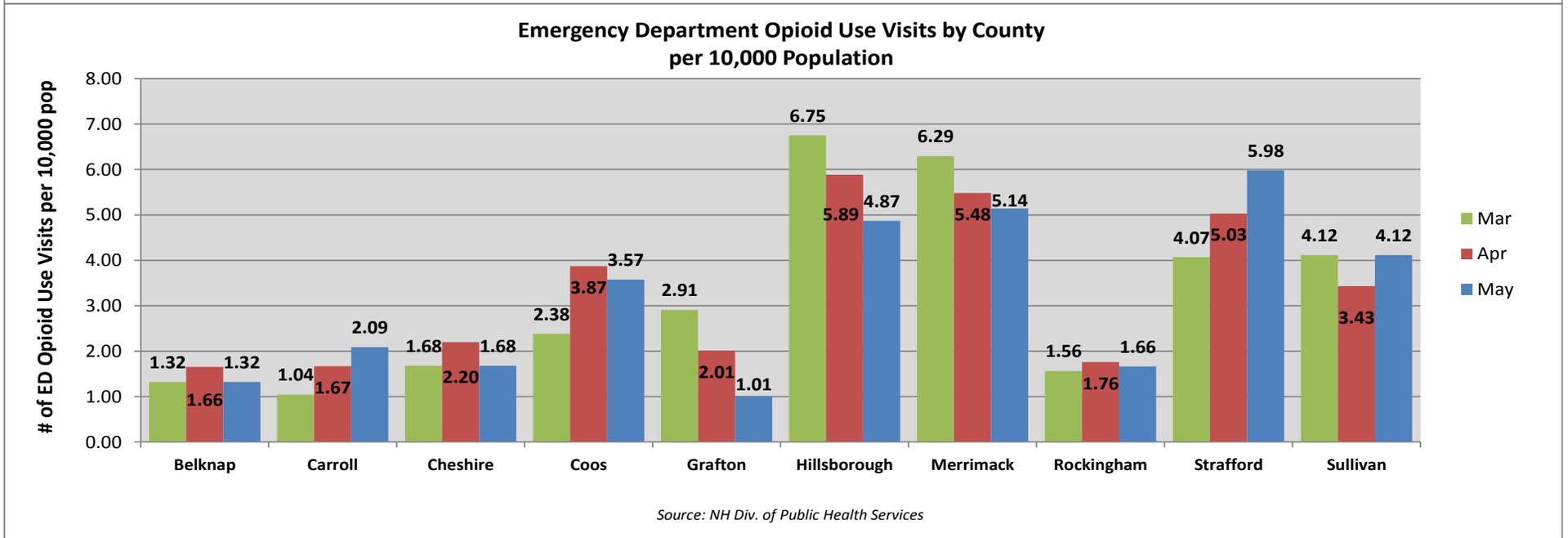
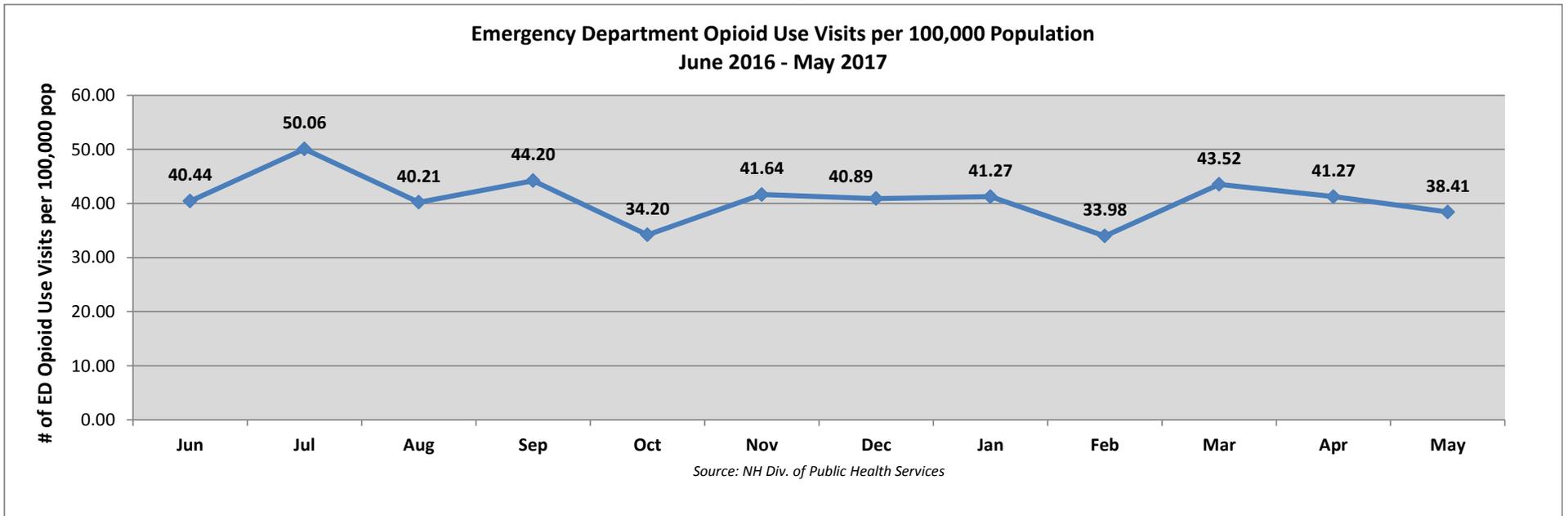
***** IMPORTANT DATA NOTES *****

- 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.

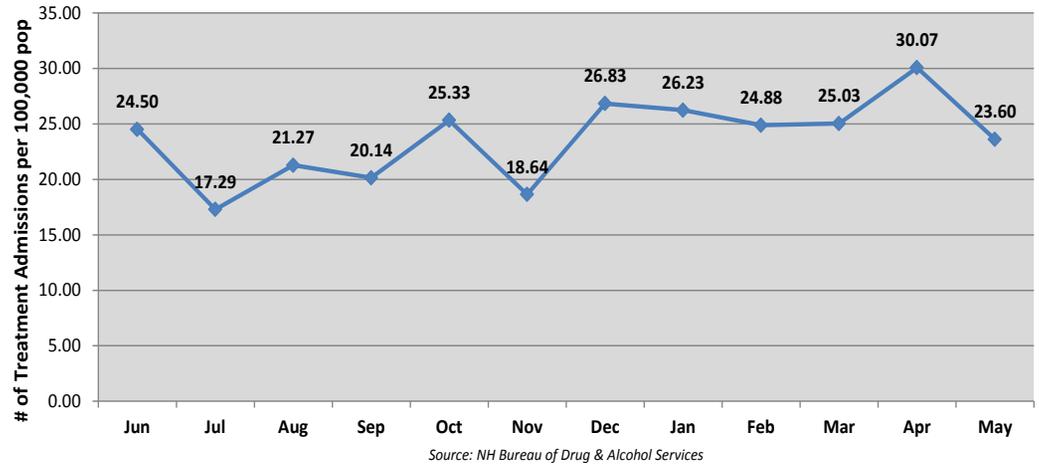
Trends:

- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions decreased by 21.5% from April to May.
- In May residents from Strafford County were admitted most often for opioid/opiate treatment per capita with 1.99 admissions per 10,000 population.
- More males than females were admitted to treatment programs in May for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions decreased by 32% from April to May.
- Cocaine/Crack treatment admissions increased by 38.5% from April to May.

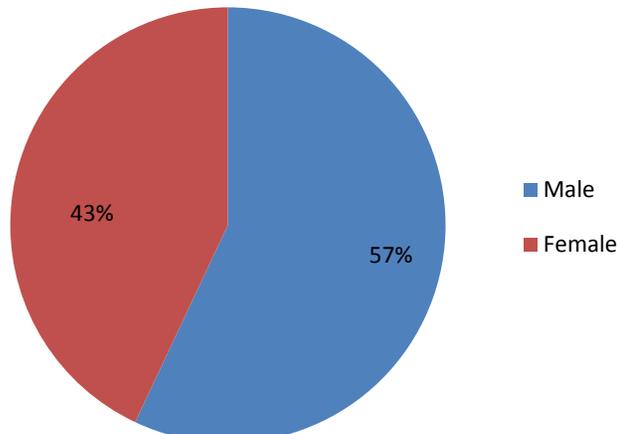
***** IMPORTANT DATA NOTES*****

- 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
June 2016 - May 2017

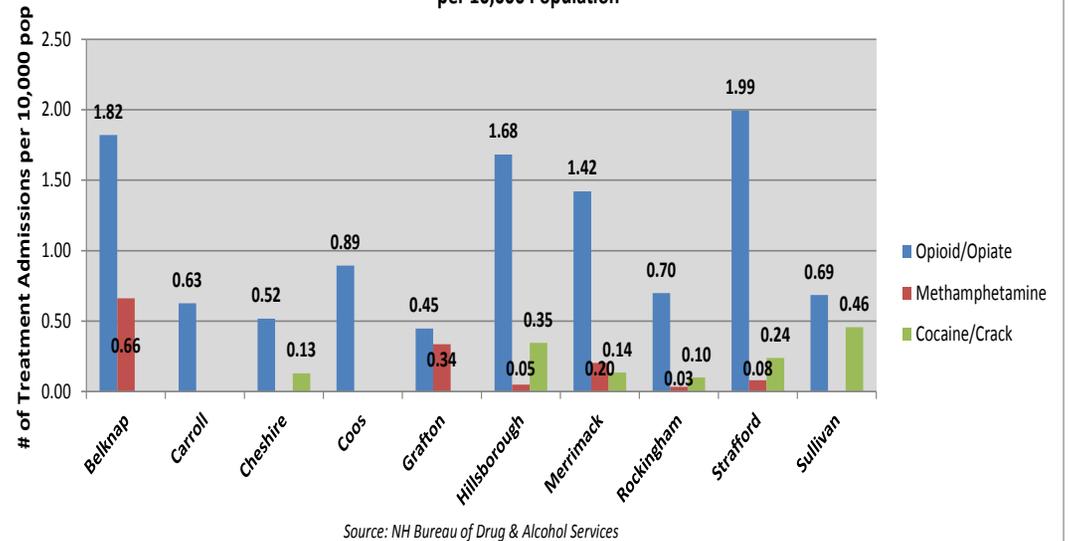


May Treatment Admissions by Gender



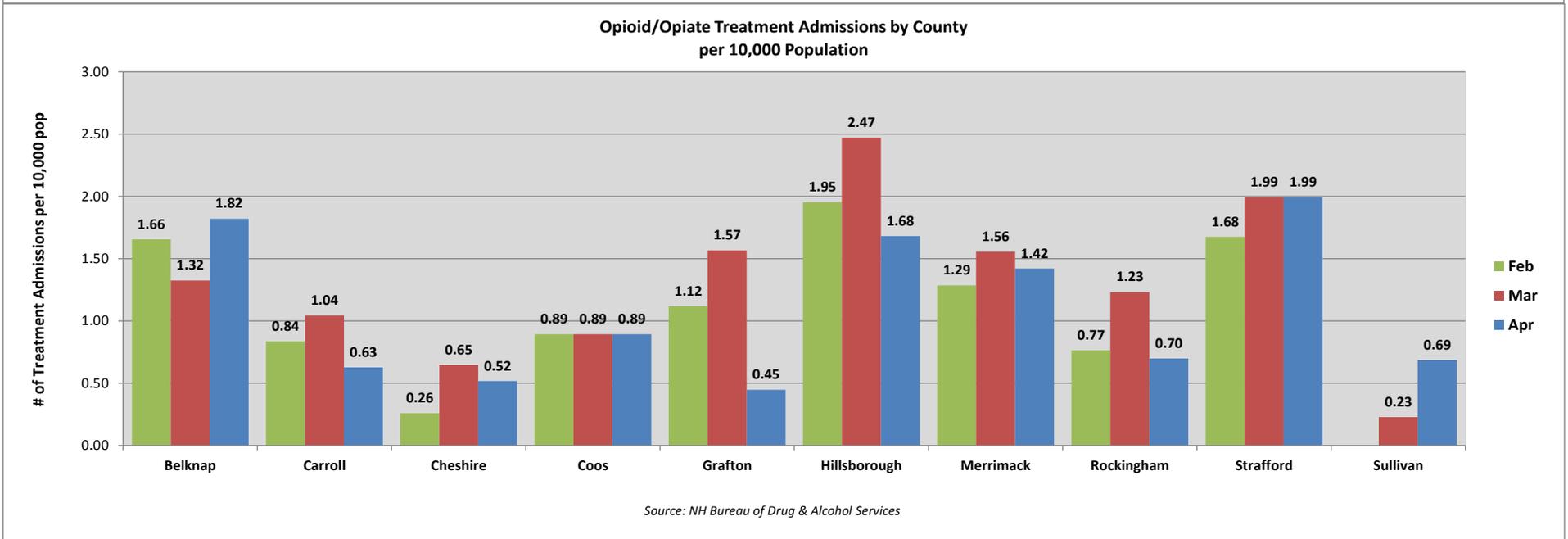
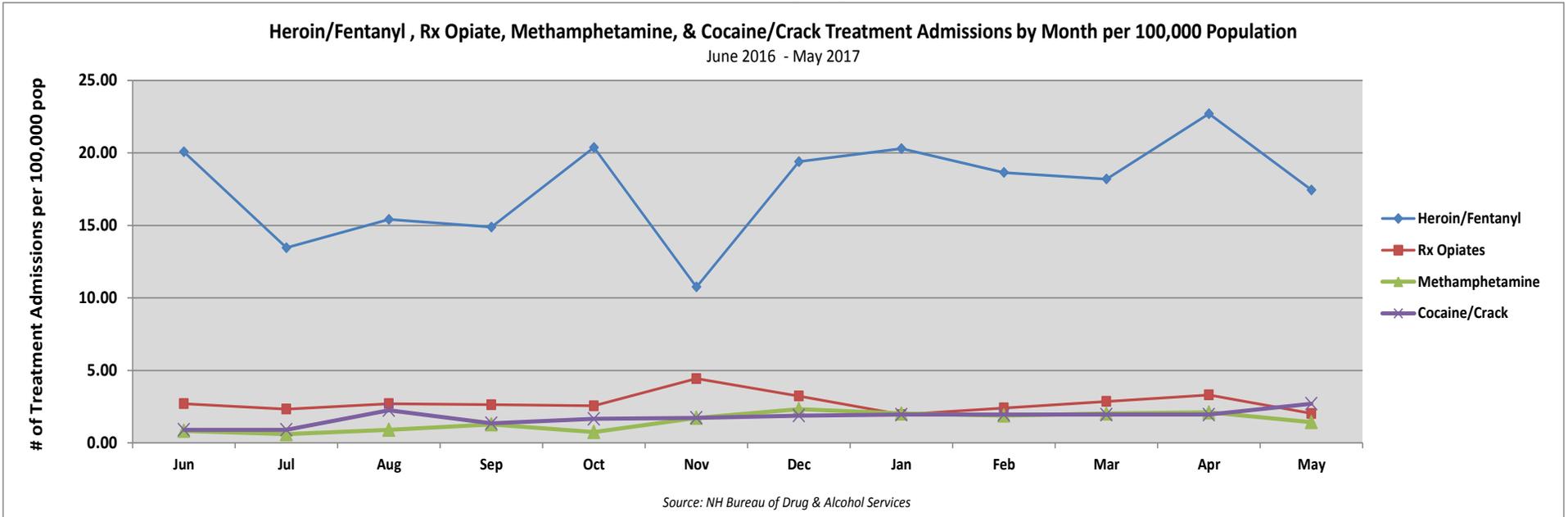
Source: NH Bureau of Drug & Alcohol

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



Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services



Situational Awareness:

NH Dept. of Health & Human Services

BDAS

- Prevention
- Intervention
- Treatment
- Recovery

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	Nashua
As of:	6/23/2017	6/21/2017
• Number of requests at MFD/NFR for Safe Station:	1849	547
• Number of participants transported to Hospitals:	288	71
• Number of participants taken to HOPE in NH:	347	N/A
• Number of participants taken to Serenity Place:	1207	N/A
• Number of participants taken to PSL facilities:	N/A	466
• Number of participants seen for ODs prior to seeking SS Help:	—	83
• Average Length of Time MFD/NRF Company "Not Available":	14 min	11:40 min
• Number of <u>UNIQUE</u> participants:	1306	393
• Number of <u>REPEAT</u> participants:	301	154
• Age Range of Participants:	18-70	18-73

In Just One Year, Nearly 1.3 Million Americans Needed Hospital Care for Opioid-Related Issues

According to The Washington Post, The coast-to-coast opioid epidemic is swamping hospitals. Governmental data published Tuesday shows 1.27 million emergency room visits or inpatient stays for opioid-related issues in a single year.

The report, released by the Agency for Healthcare Research and Quality (AHRQ), puts Maryland at the very top of the national list for inpatient care. The state, already struggling with overdoses from heroin and prescription opioids, has seen the spread of the synthetic opioid fentanyl, which can be mixed with heroin or cocaine and is extraordinarily powerful. Gov. Larry Hogan (R) this year declared a state of emergency in response to the crisis.

Source: www.washingtonpost.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>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>	