



New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

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NHIAC Product #: 2017-3203

November 2017 Report

29 December 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.

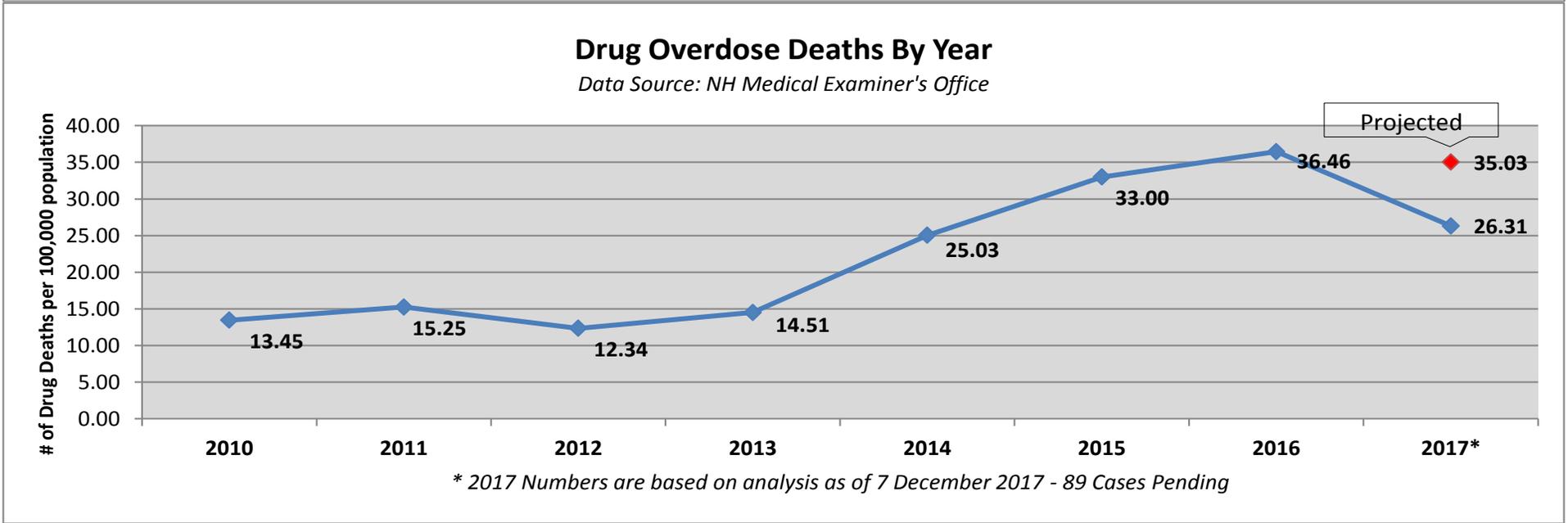
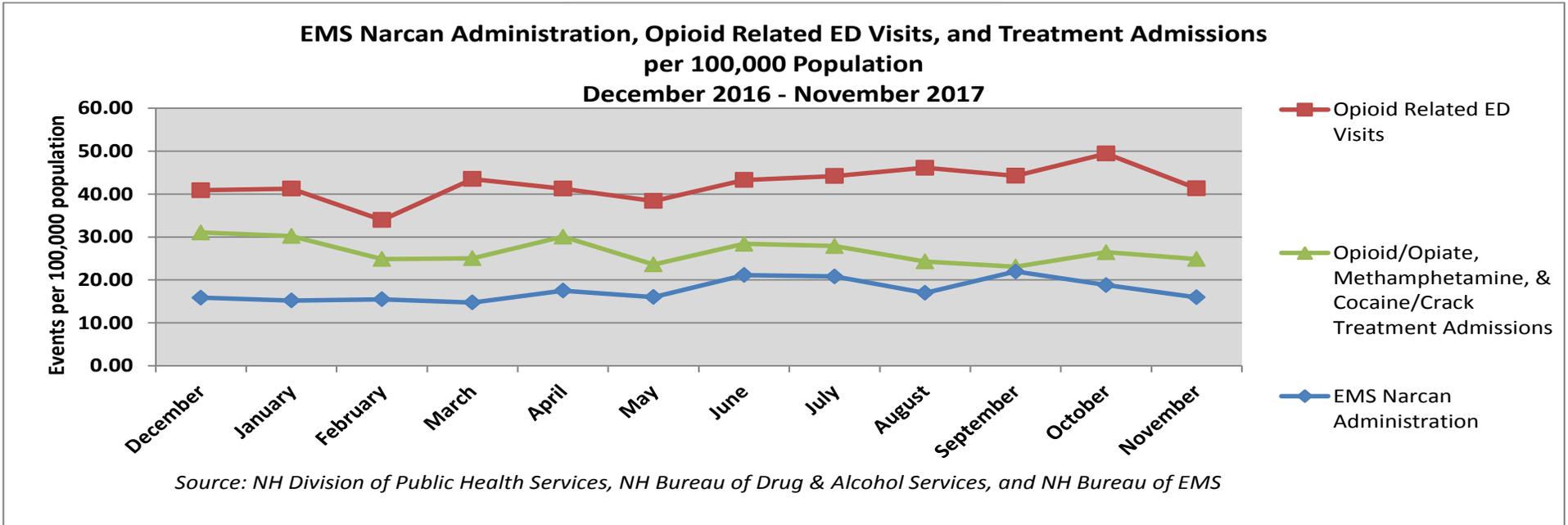
Drug Environment Report—UNCLASSIFIED

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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/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:



Drug Overdose Deaths:

Data Source: NH Medical Examiner's Office



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

Trends:

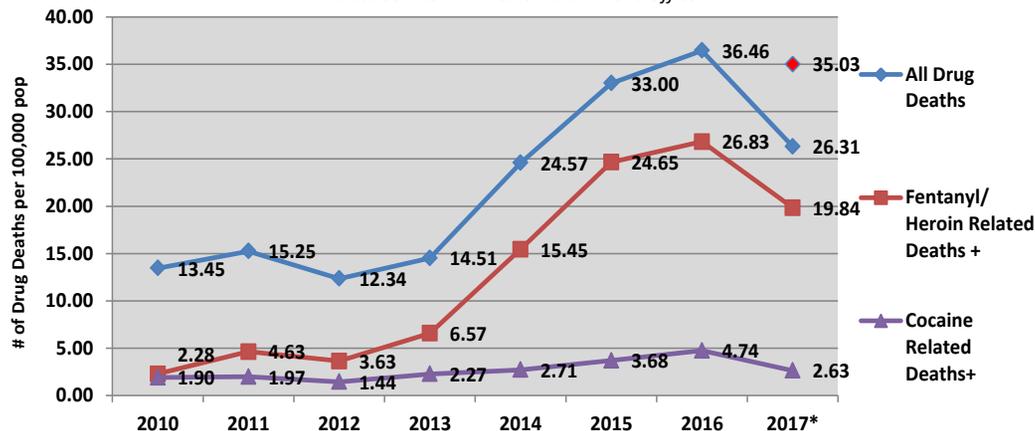
- At this time, drug overdose deaths are projected to decrease by 4% from 2016 to 2017.
- In 2017 thus far, Hillsborough County has the highest suspected drug use resulting in overdose deaths per capita at 3.46 deaths per 10,000 population.
- Strafford County had the next highest suspected drug use resulting in overdose deaths per capita at 2.95 deaths per 10,000 population.
- The age group with the largest number of drug overdose deaths is 30-39 which represents 28% 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 Numbers are based on analysis as of 7 December, 2017.
- There are currently 89 cases "pending toxicology" for 2017.
- Analysis is based on county where the drug (s) is suspected to have been used.

Overdose Deaths by Year per 100,000 Population

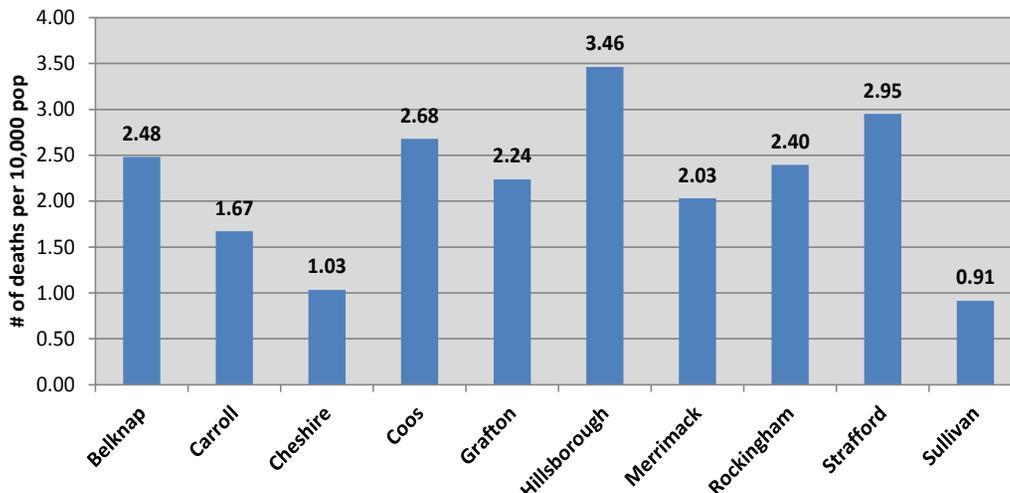
Data Source: NH Medical Examiner's Office



* 2017 Projected numbers are based on analysis as of 7 December 2017 - 89 cases pending
+ Cocaine and Fentanyl/Heroin Related deaths are not mutually exclusive, several deaths involved both categories

2017* Overdose Deaths by County per 10,000 Population

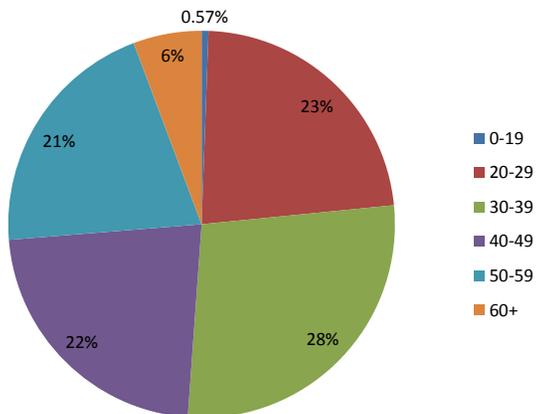
Data Source: NH Medical Examiner's Office



* 2017 Numbers are based on analysis as of 7 December 2017 - 89 cases still pending

Overdose Deaths by Age 2017*

Data Source: NH Medical Examiner's Office

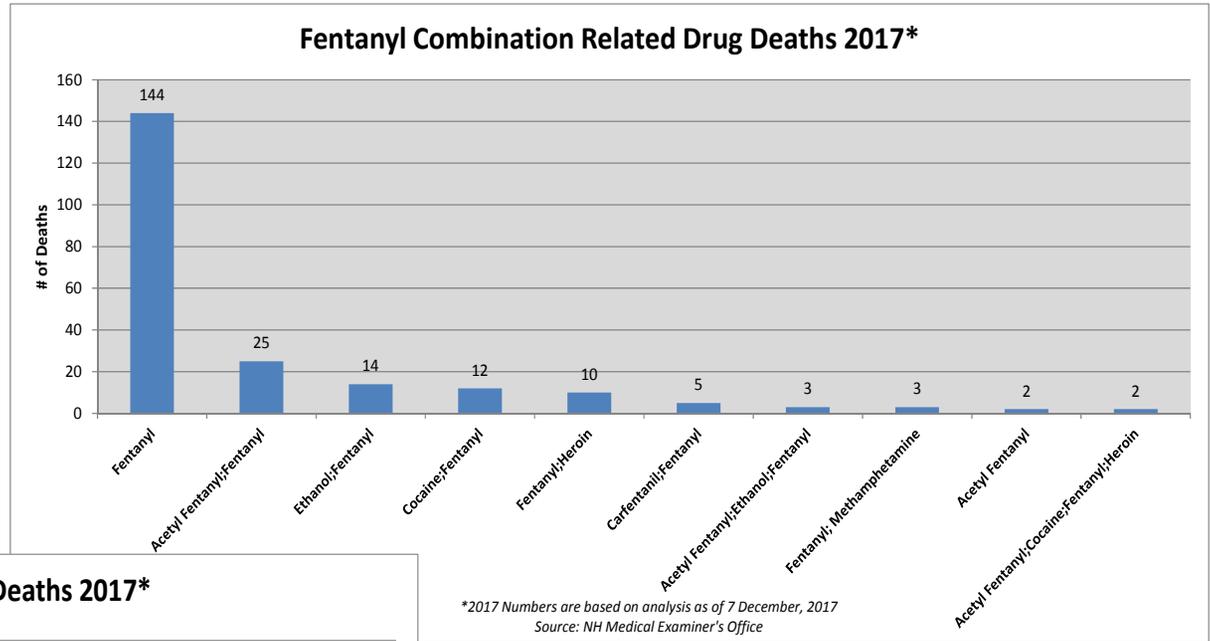


*2017 Numbers are based on analysis as of 7 December, 2017

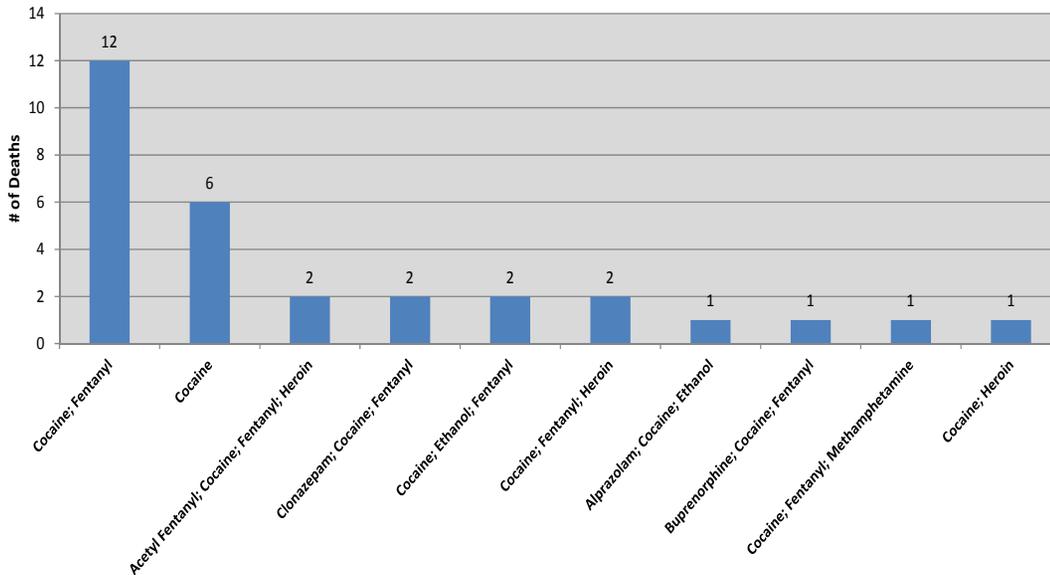
Drug Overdose Deaths (Continued):

Data Source: NH Medical Examiner's Office

Fentanyl Combinations (Top 10)	
Fentanyl	144
Acetyl Fentanyl; Fentanyl	25
Ethanol; Fentanyl	14
Cocaine; Fentanyl	12
Fentanyl; Heroin	10
Carfentanil; Fentanyl	5
Acetyl Fentanyl; Ethanol; Fentanyl	3
Fentanyl; Methamphetamine	3
Acetyl Fentanyl	2
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2



Cocaine Combination Related Drug Deaths 2017*



Cocaine Combinations (Top 10)	
Cocaine; Fentanyl	12
Cocaine	6
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2
Clonazepam; Cocaine; Fentanyl	2
Cocaine; Ethanol; Fentanyl	2
Cocaine; Fentanyl; Heroin	2
Alprazolam; Cocaine; Ethanol	1
Buprenorphine; Cocaine; Fentanyl	1
Cocaine; Fentanyl; Methamphetamine	1
Cocaine; Heroin	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 December 7, 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.
89 cases pending



Prepared by:
NH Information & Analysis Center

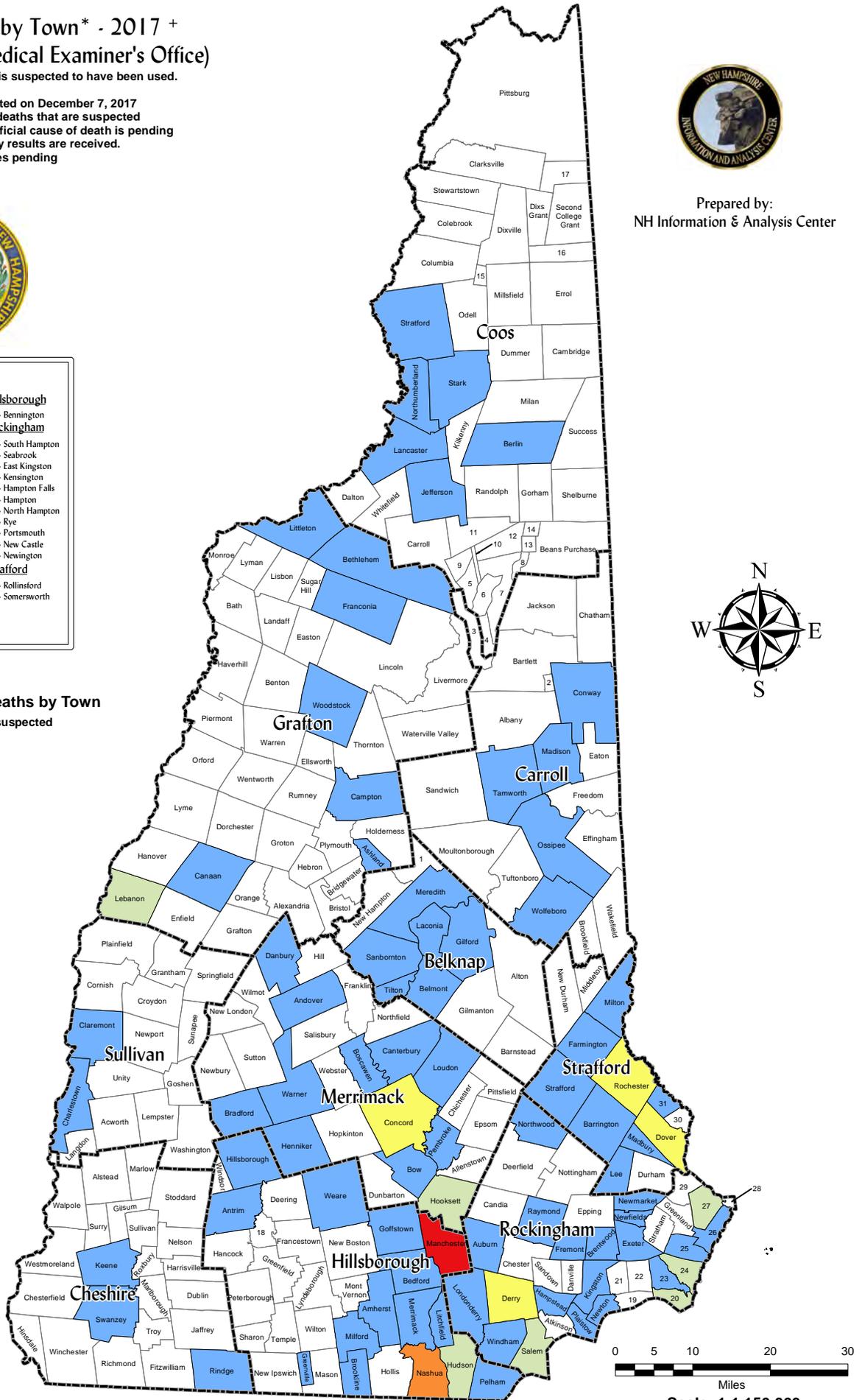
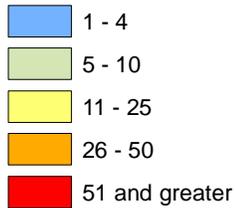


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Belknap	Hillsborough
1 - Center Harbor	18 - Bennington
Carroll	Rockingham
2 - Hales Location	19 - South Hampton
3 - Harts Location	20 - Seabrook
Coos	21 - East Kingston
4 - Hadleys Purchase	22 - Kensington
5 - Beans Grant	23 - Hampton Falls
6 - Cutts Grant	24 - Hampton
7 - Sargents Purchase	25 - North Hampton
8 - Pinkhams Grant	26 - Rye
9 - Crawfords Purchase	27 - Portsmouth
10 - Chandlers Purchase	28 - New Castle
11 - Low & Burbanks Grant	29 - Newington
12 - Thompson & Meserves Purchase	Strafford
13 - Greens Grant	30 - Rollinsworth
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.



Scale: 1:1,150,000

EMS Narcan Administration:

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



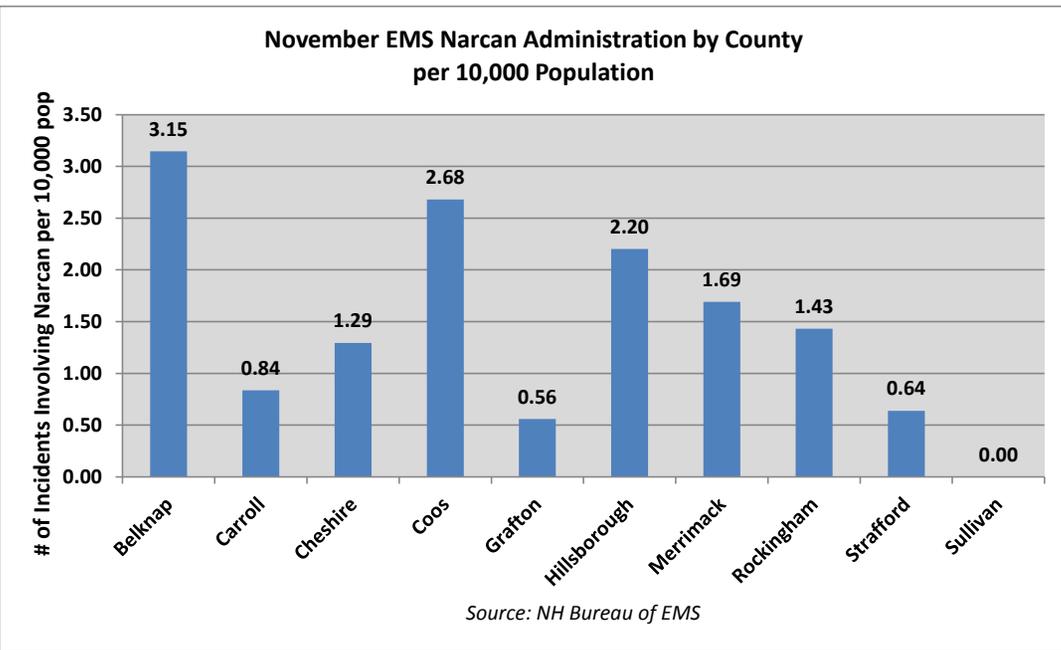
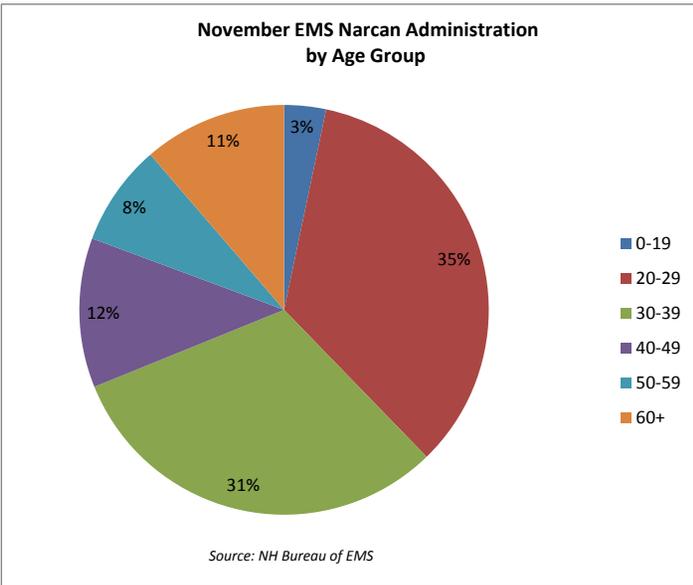
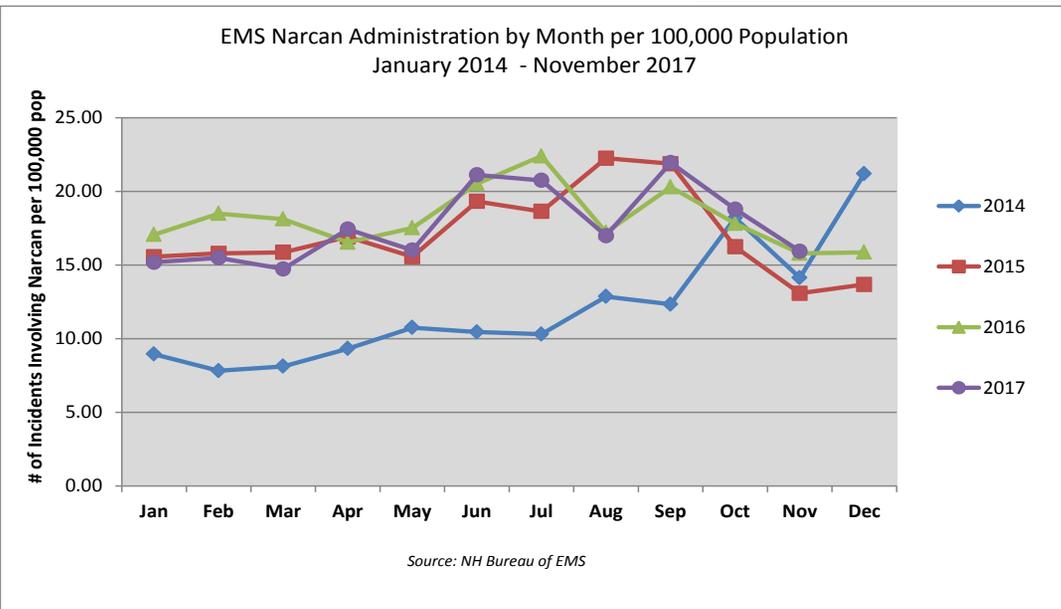
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- EMS Narcan administration incidents decreased by 15.2% from October to November.
- In November Belknap County had the most EMS Narcan administration incidents per capita with 3.15 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 89 incidents in November.
- The age group with the largest number of EMS Narcan administration incidents is 20-29 which represents 35% of all EMS Narcan administration incidents for November.
- NH Bureau of EMS Percentage of "lives saved" decreased by 15.2% from October to November.

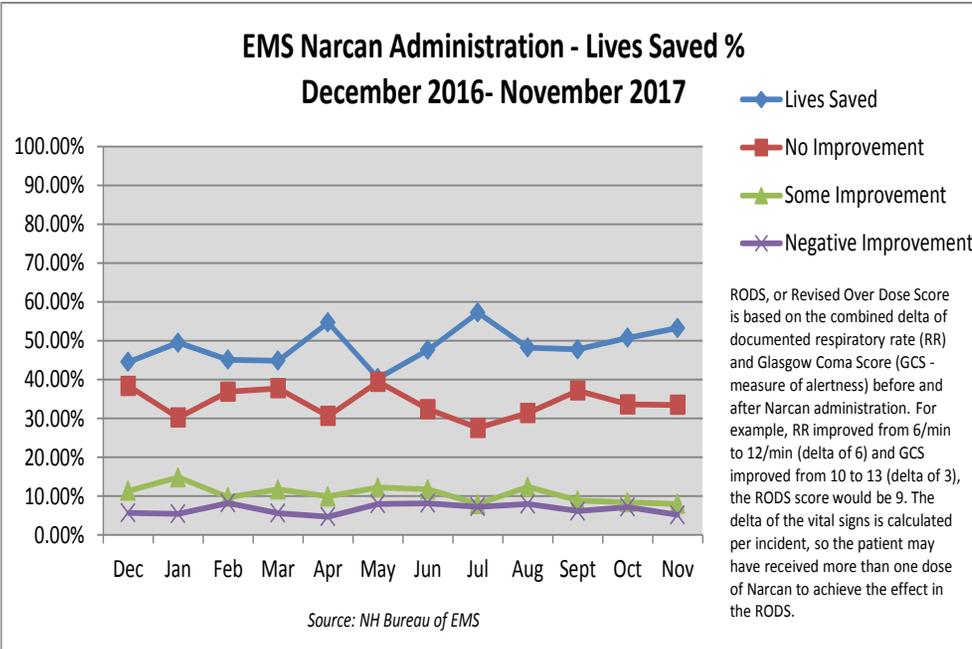
***** IMPORTANT DATA NOTES *****

- 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.



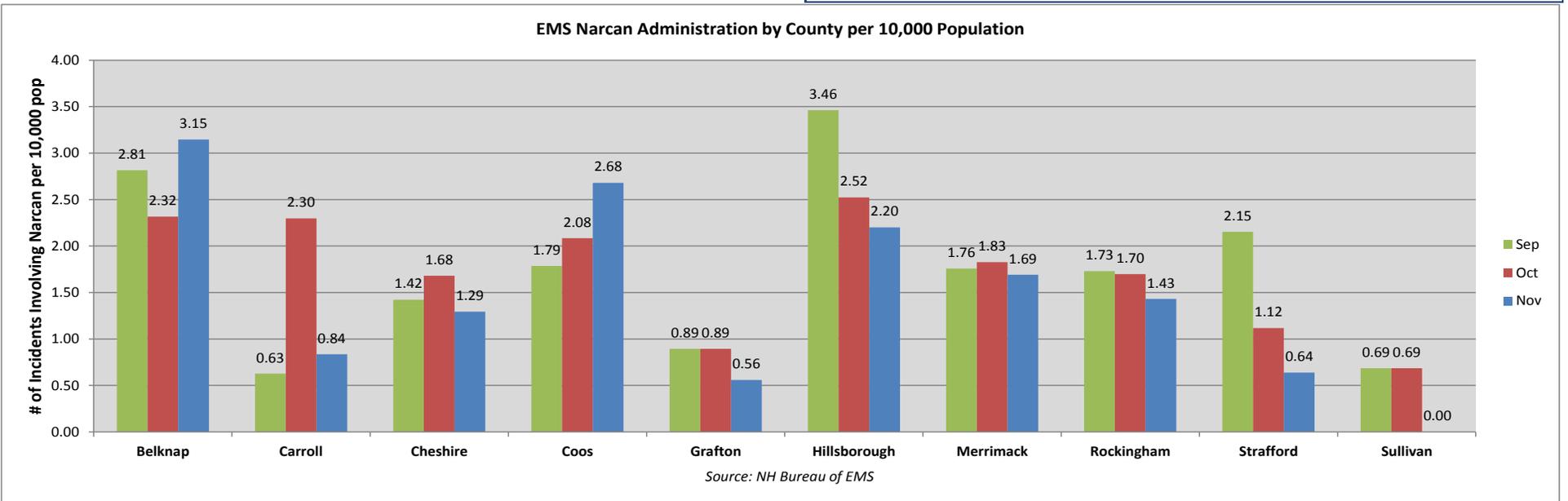
EMS Narcan Administration (Continued):

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



EMS Narcan Administration—Lives Saved												
Source: NH Bureau of EMS	2016	2017										
RODS Outcome	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
No Improvement <i>RODS Score of 0</i>	81	61	76	74	71	84	91	76	71	108	84	71
Some Improvement <i>RODS Score 1-7</i>	24	30	20	23	23	26	33	22	28	26	21	17
Negative Improvement <i>Negative RODS Score</i>	12	11	17	11	11	17	23	20	18	18	18	11
Lives Saved <i>RODS Score of 8+</i>	94	100	93	88	127	86	134	158	109	140	127	113
Total	211	202	206	196	232	213	281	276	226	292	250	212

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/Narcarn Administration by Town 12/1/2016 - 11/30/2017

Data Source: New Hampshire Bureau of EMS



Prepared by:
NH Information & Analysis Center

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Belknap

1 - Center Harbor

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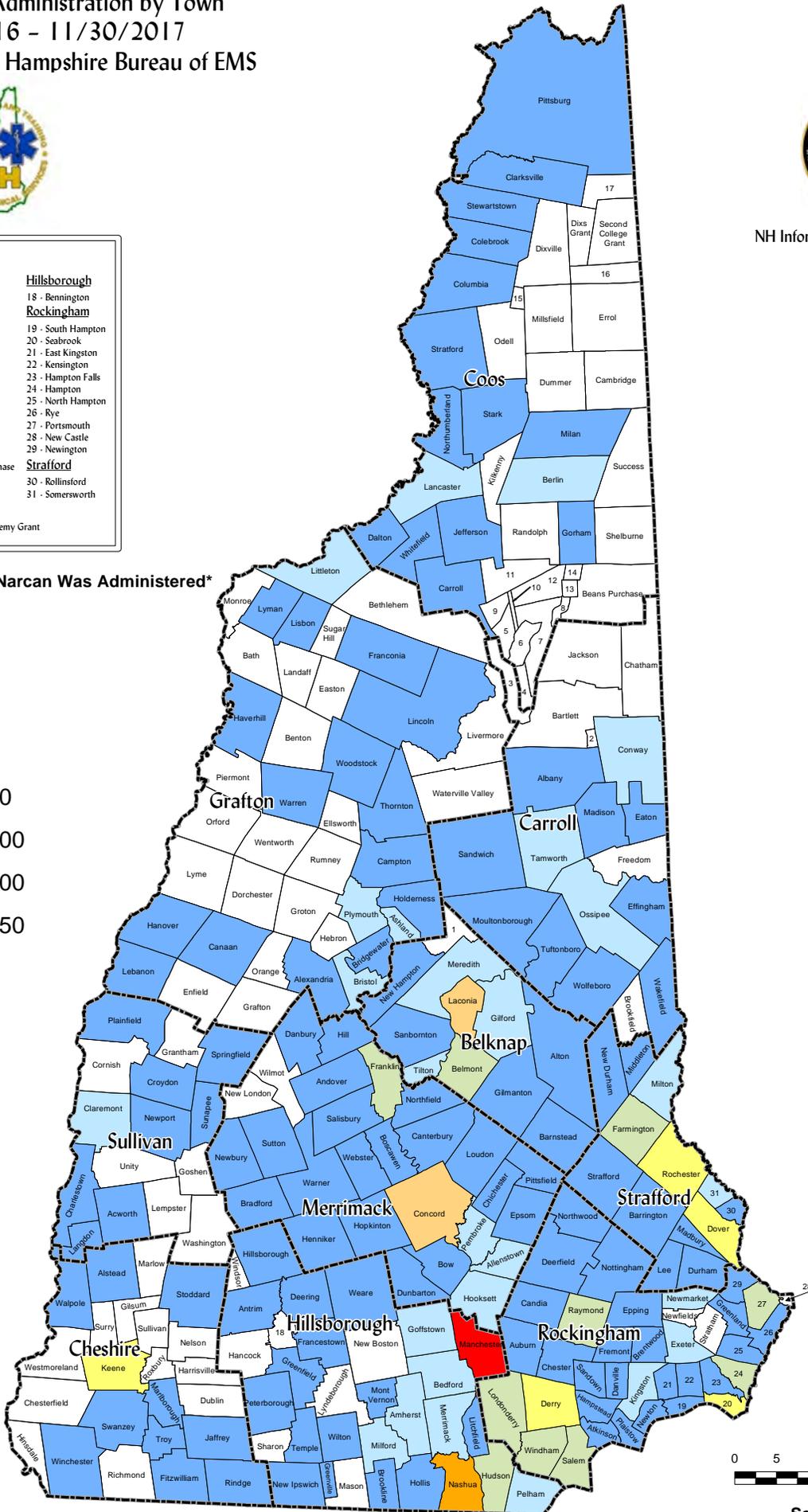
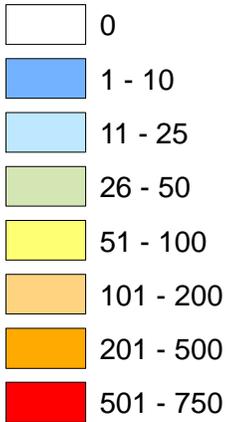
29 - Newington

Strafford

30 - Rollinsford

31 - Somersworth

Incidents Where Narcan Was Administered



Scale: 1:1,150,000

Opioid Related Emergency Department Visits:

Data Source: NH Division of Public Health Services



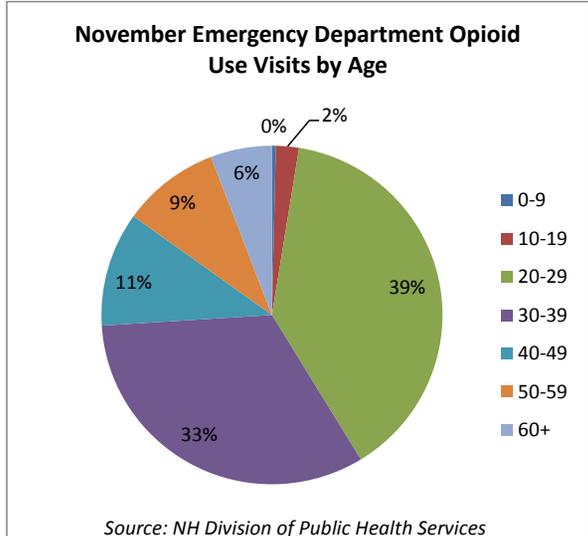
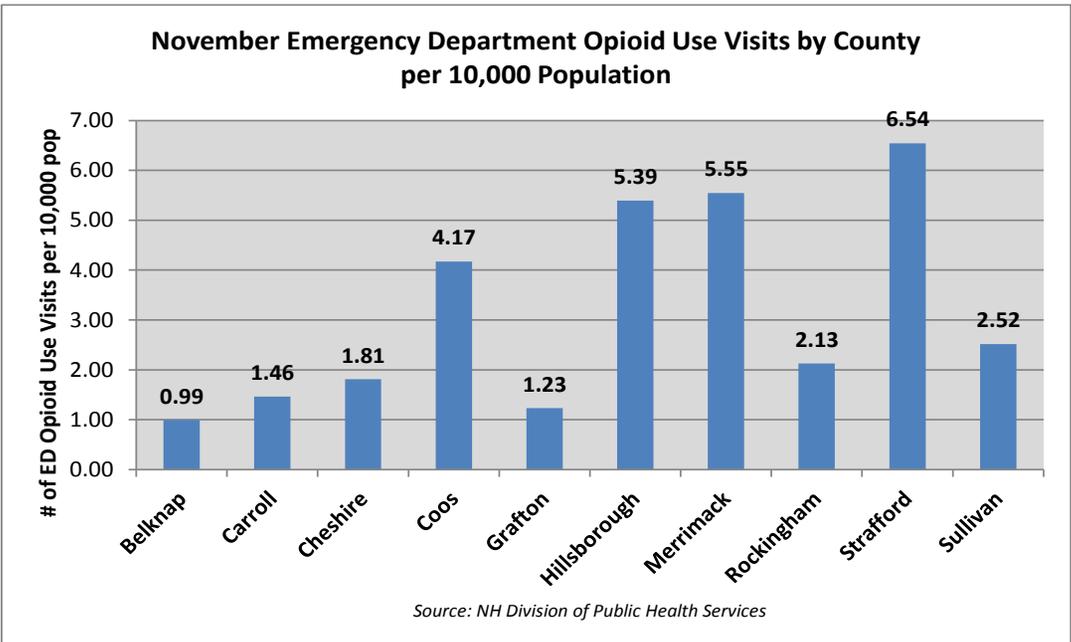
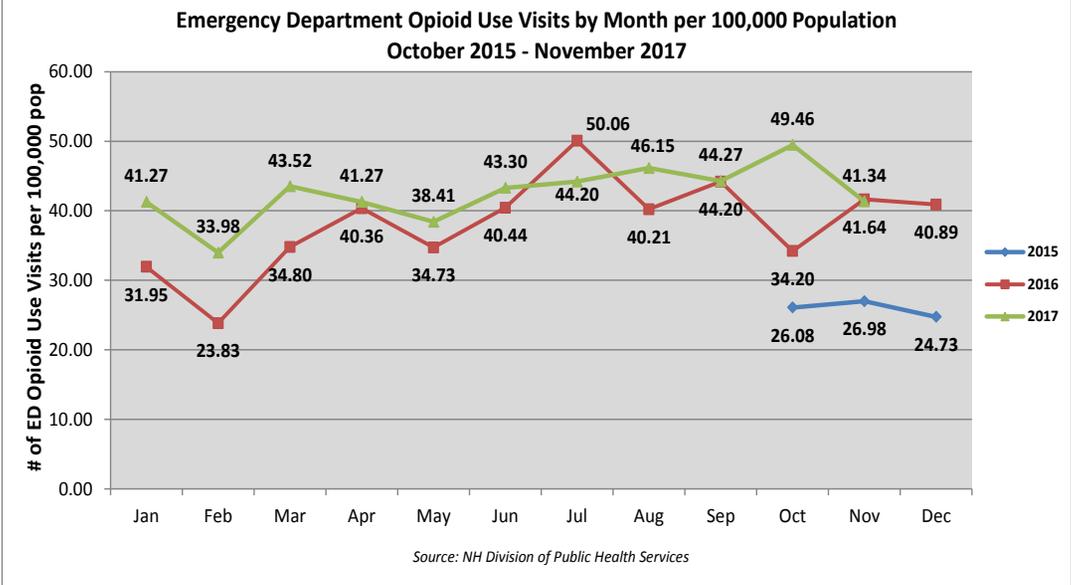
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- Opioid related ED visits decreased by 16% from October to November 2017.
- In November residents from Strafford County had the most opioid related ED visits per capita with 6.54 visits per 10,000 population.
- Merrimack County residents had the second highest number of opioid related ED visits per capita with 5.55 visits per 10,000 population.
- The age group with the largest number of opioid related ED visits was 20-29 with 39% of all opioid related ED visits for November.

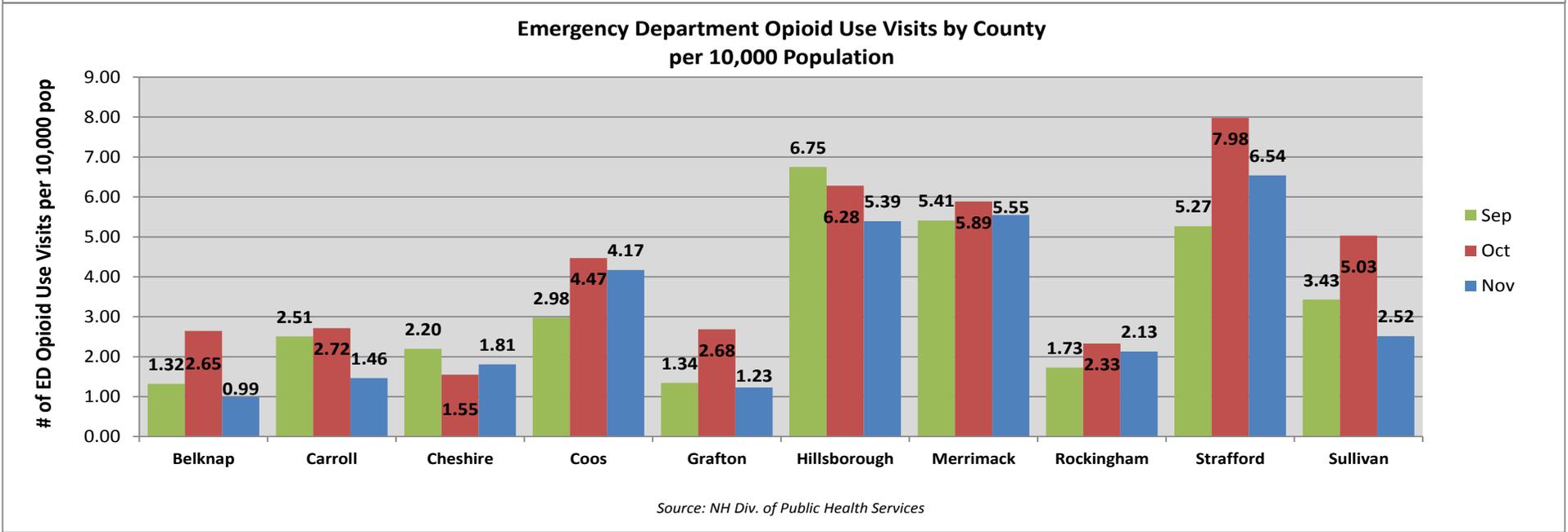
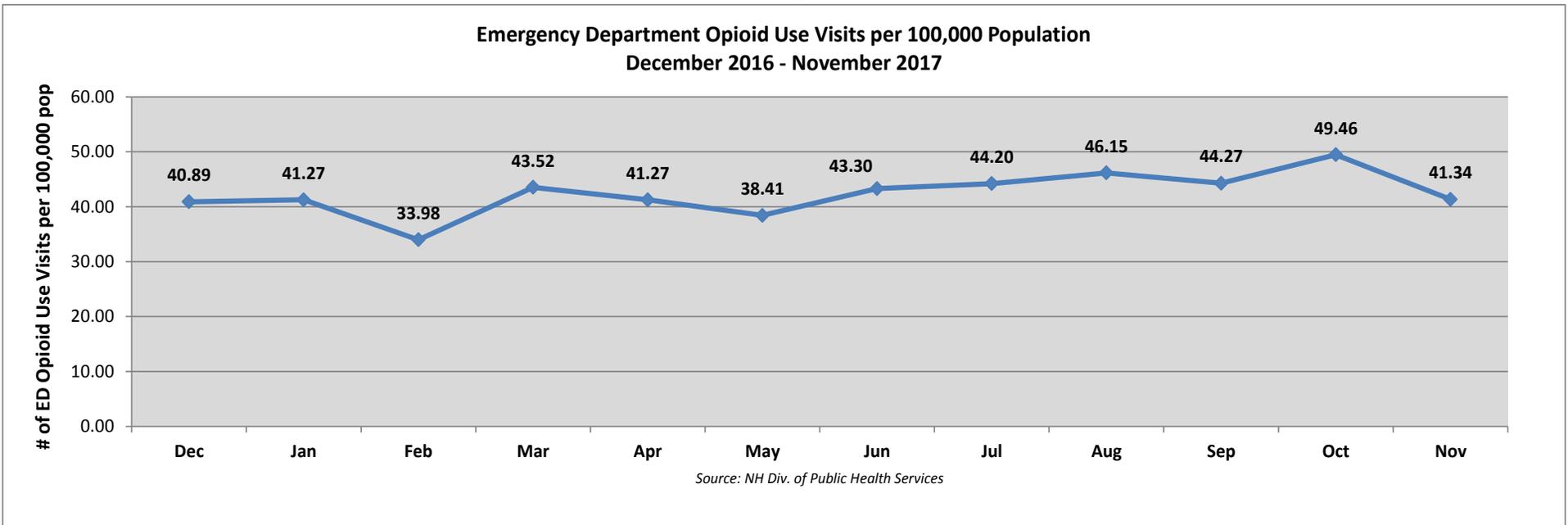
***** IMPORTANT DATA NOTES *****

- 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.
- 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.

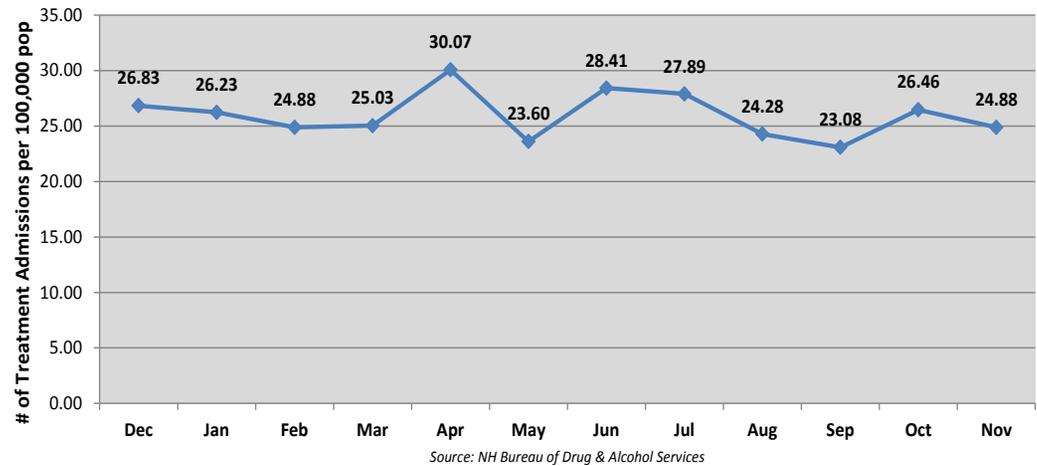
Trends:

- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions decreased by 6% from October to November.
- In November residents from Hillsborough County were admitted most often for opioid/opiate treatment per capita with 1.63 admissions per 10,000 population.
- More males than females were admitted to treatment programs in November for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions decreased by 22% from October to November.
- Cocaine/Crack treatment admissions increased by 6.81% from October to November.
- Heroin/Fentanyl treatment admissions decreased by 5.61% from October to November.

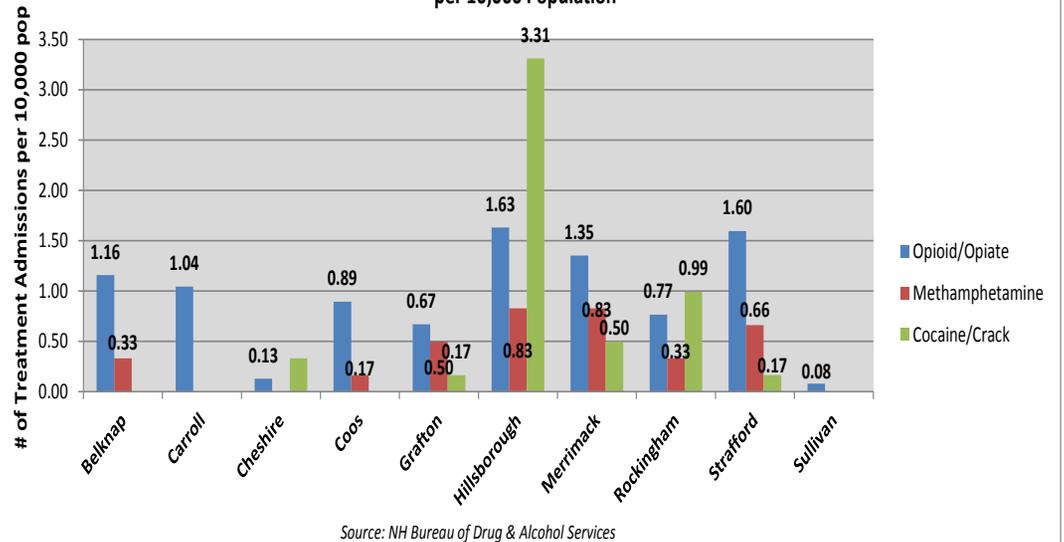
***** IMPORTANT DATA NOTES *****

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

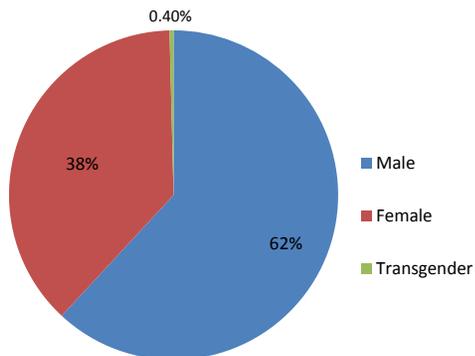
Opioid/Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by Month per 100,000 Population
December 2016 - November 2017



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



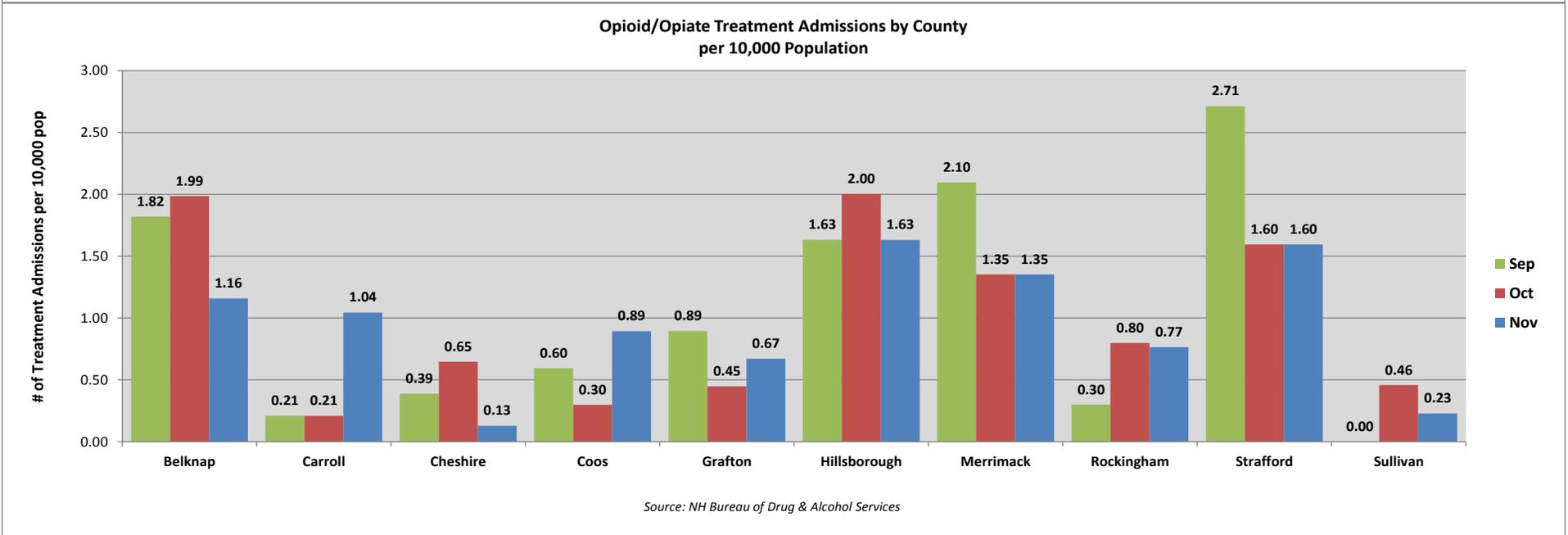
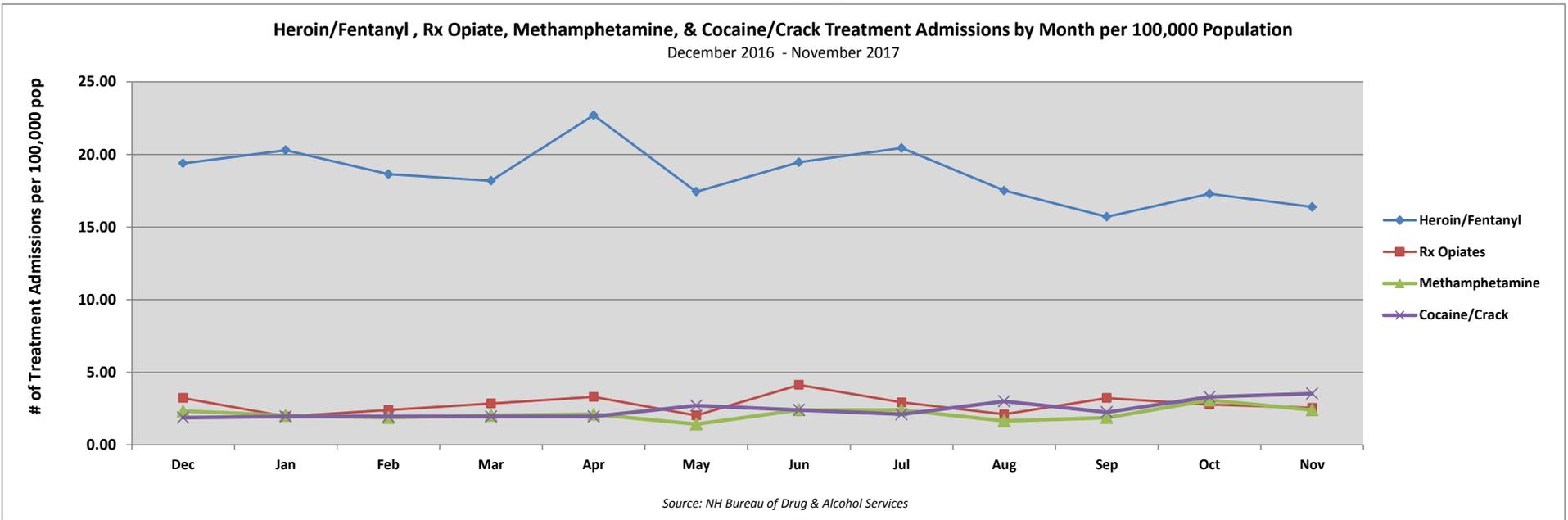
November Opioid/Opiate Admissions by Gender



Source: NH Bureau of Drug & Alcohol

Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services



Situational Awareness:



CDC Ranks NH Third Highest State for Drug Overdose Deaths

Last week the CDC issued a report showing that New Hampshire had the Third-highest age-adjusted drug overdose death rate in 2016 and that more Americans died of drug overdoses last year than in any previous year on record. The data also found—for the first time—that fentanyl, not heroin, is now the deadliest opioid.

According to the CDC report, 39 Granite Staters for every 100,000 die from a drug overdose. New Hampshire’s mortality rate is nearly double the national average, which is 19 deaths for every 100,000 people.

The state’s Congressional delegation has called on Congress to release additional funds to fight the drug crisis in response to the latest data released by the Centers for Disease Control and Prevention.

“This report is yet another painful reminder of how much work we still must do to save lives and turn the tide of the opioid crisis,” said US Sen. Maggie Hassan. Congress must act now to provide additional federal resources to strengthen treatment, prevention, recovery and law enforcement efforts and give those on the front lines the support they need to fight this epidemic.”

Source: www.conwaydailysun.com 12/27/2017

NEW HAMPSHIRE SAFE STATIONS

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

	Manchester	Nashua
As of:	12/22/2017	12/1/2017
• Number of requests at MFD/NFR for Safe Station:	2873	1212
• Number of participants transported to Hospitals:	607	127
• Number of participants taken to HOPE in NH:	347	N/A
• Number of participants taken to Serenity Place:	1907	N/A
• Average Length of Time MFD/NRF Company “Not Available”:	14 min	11 min
• Number of <u>UNIQUE</u> participants:	1966	697
• Number of <u>REPEAT</u> participants:	467	224
• Age Range of Participants:	16-70	-

Opioid abuse in the U.S. is so Bad It’s Lowering Life Expectancy. Why Hasn’t the Epidemic Hit Other Countries

For the second year in a row, life expectancy in the US has dropped. In 2016, there was a 21 percent rise in the number of deaths caused by drug overdoses, with opioids causing two-thirds of them. Last year, the opioid epidemic killed 42,000 people, more than died of AIDS in any year at the height of the crisis.

In no other developed country are people taking and dying from opioids at the rate they are in the United States. We have about 4 percent of the world’s population but about 27 percent of the world’s drug-overdose deaths.

Americans are prescribed opioids significantly more often than their counterparts in other countries. In the United States, 50,000 opioid doses are taken daily per every million residents. This is nearly 40 percent higher than the rate in Germany and Canada, and double the rate in Austria and Denmark.

Source: www.washingtonpost.com 12/28/2017

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>	