

New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

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NHIAC Product #: 2017-2893

February 2017 Report

28 March 2017

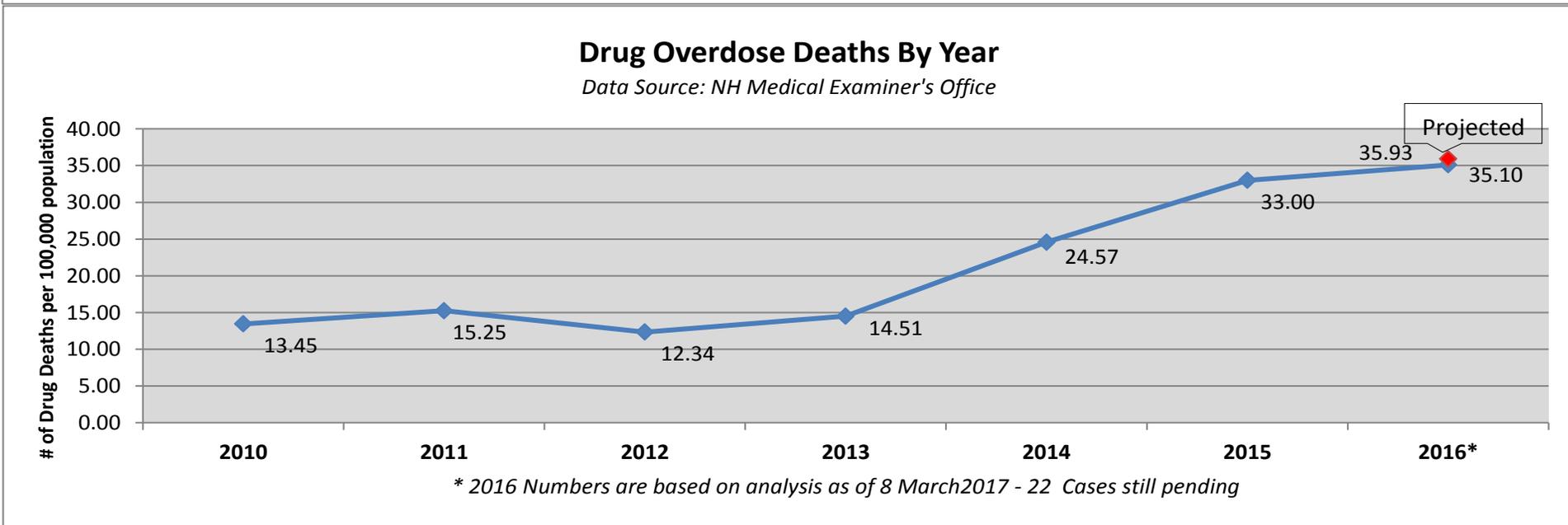
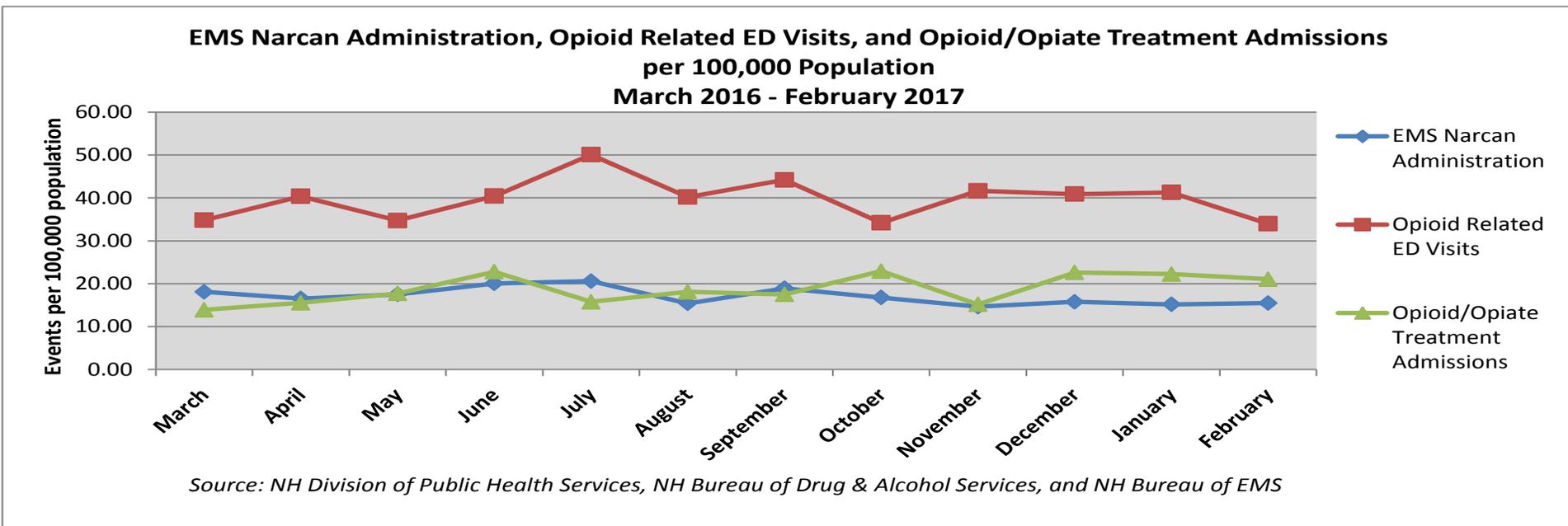
Purpose: The NH Drug Monitoring Initiative (DMI) is a holistic strategy to provide awareness and combat drug distribution and abuse. In line with this approach the DMI will obtain data from various sources (to include, but not limited to, Public Health, Law Enforcement, and EMS) and provide monthly products 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, Opioid/Opiate Treatment Admissions, and Overdose Deaths:



Drug Overdose Deaths:

Data Source: NH Medical Examiner's Office



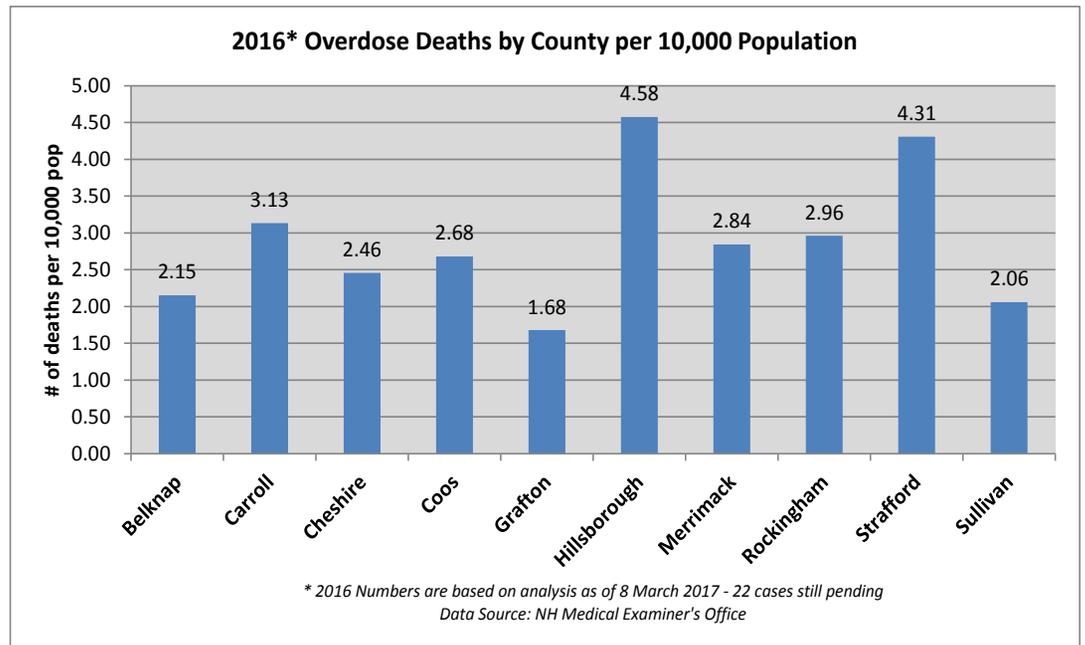
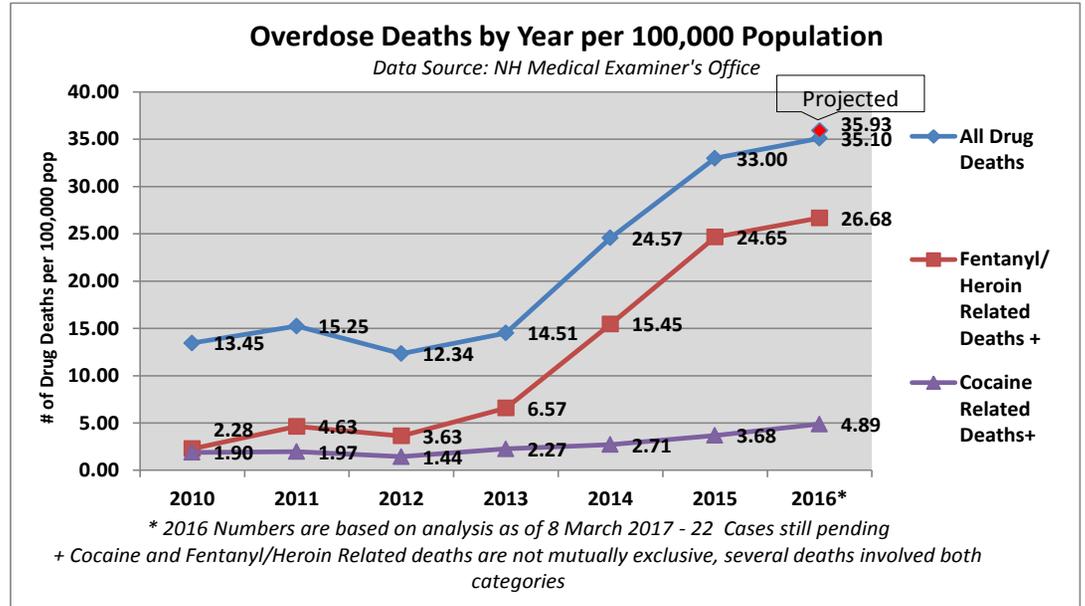
Right click on the paperclip and select "Open File" to view additional data.

Trends:

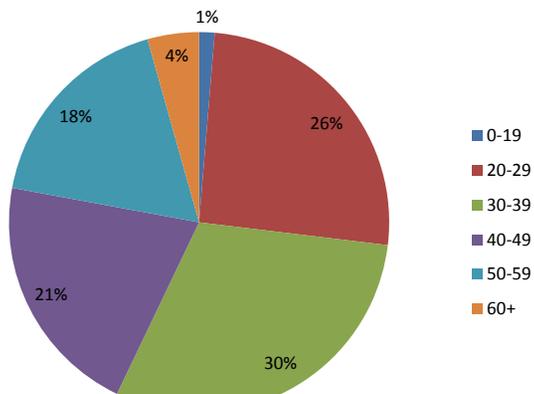
- Drug overdose deaths are projected to increase by 6% from 2015 to 2016.
- In 2016 Hillsborough County had the highest suspected drug use resulting in overdose deaths per capita at 4.58 deaths per 10,000 population.
- Strafford County had the second highest suspected drug use resulting in overdose deaths per capita at 4.31 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 27 deaths in 2016.

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

- 2016 Numbers are based on analysis as of 8 March 2017. There are 22 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*

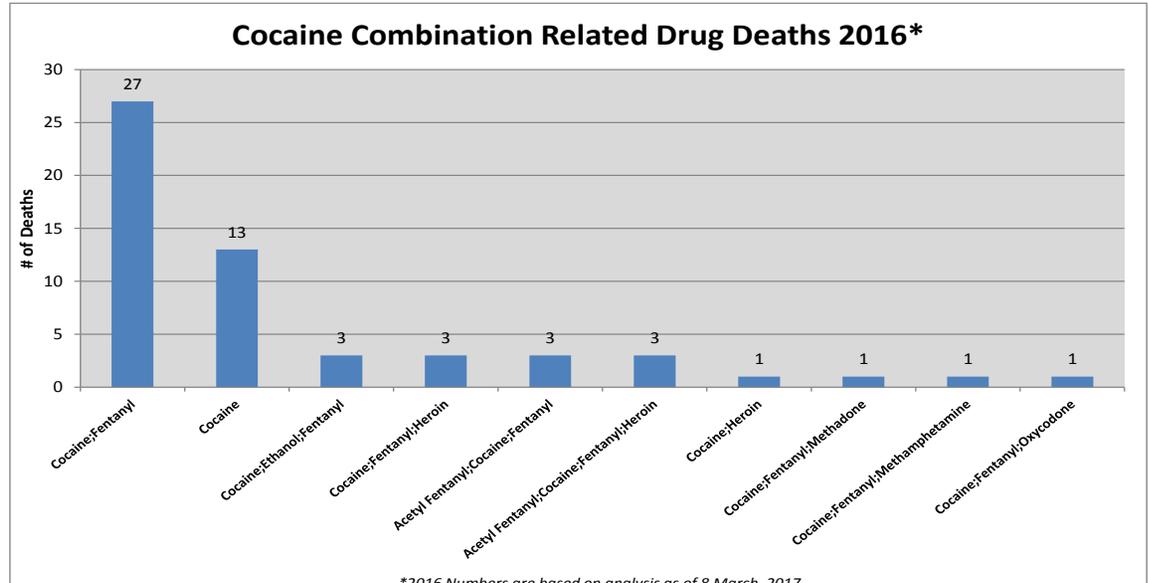


*2016 Numbers are based on analysis as of 8 March, 2017
Source: NH Medical Examiner's Office

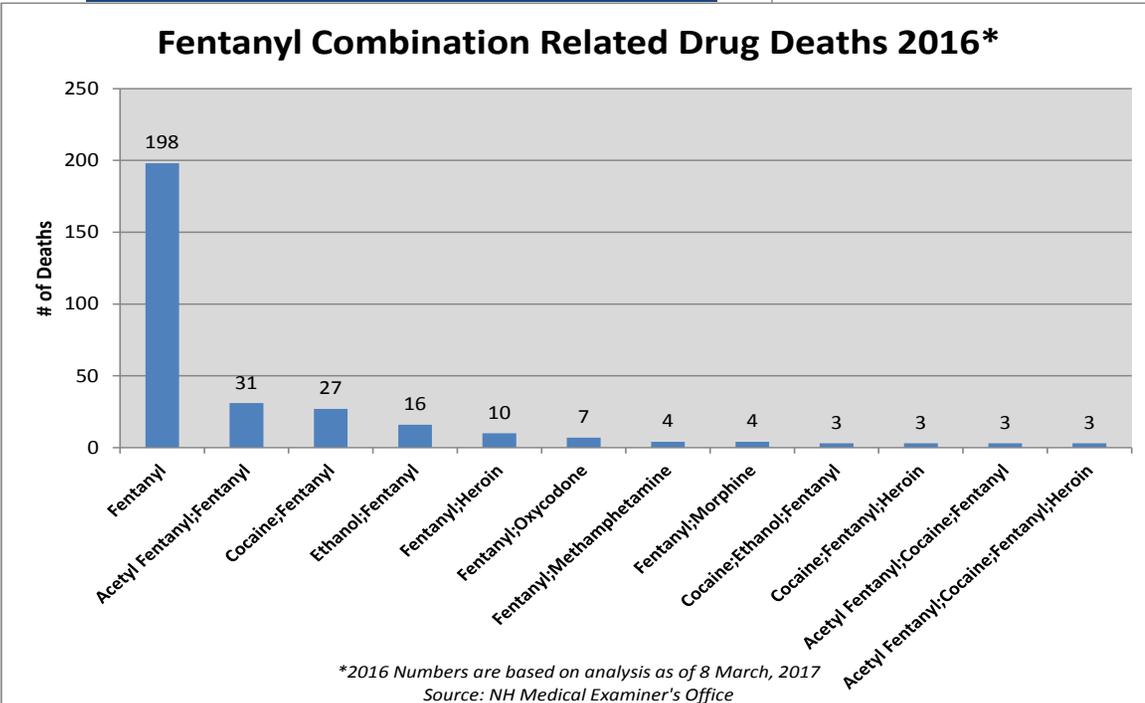
Drug Overdose Deaths (Continued):

Data Source: NH Medical Examiner's Office

| Cocaine Combinations | |
|--|----|
| Cocaine; Fentanyl | 27 |
| Cocaine | 13 |
| Cocaine; Ethanol; Fentanyl | 3 |
| Cocaine; Fentanyl; Heroin | 3 |
| Acetyl Fentanyl; Cocaine; Fentanyl | 3 |
| Acetyl Fentanyl; Cocaine; Fentanyl; Heroin | 3 |
| Cocaine; Heroin | 1 |
| Cocaine ; Fentanyl; Methadone | 1 |
| Cocaine; Fentanyl; Methamphetamine | 1 |
| Cocaine; Fentanyl; Oxycodone | 1 |



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



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

| Fentanyl Combinations | |
|--|-----|
| Fentanyl | 198 |
| Acetyl Fentanyl; Fentanyl | 31 |
| Cocaine; Fentanyl | 27 |
| Ethanol; Fentanyl | 16 |
| Fentanyl; Heroin | 10 |
| Fentanyl; Oxycodone | 7 |
| Fentanyl; Methamphetamine | 4 |
| Fentanyl; Morphine | 4 |
| Cocaine; Ethanol; Fentanyl | 3 |
| Cocaine; Fentanyl; Heroin | 3 |
| Acetyl Fentanyl; Cocaine; Fentanyl | 3 |
| Acetyl Fentanyl; Cocaine; Fentanyl; Heroin | 3 |

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 March 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

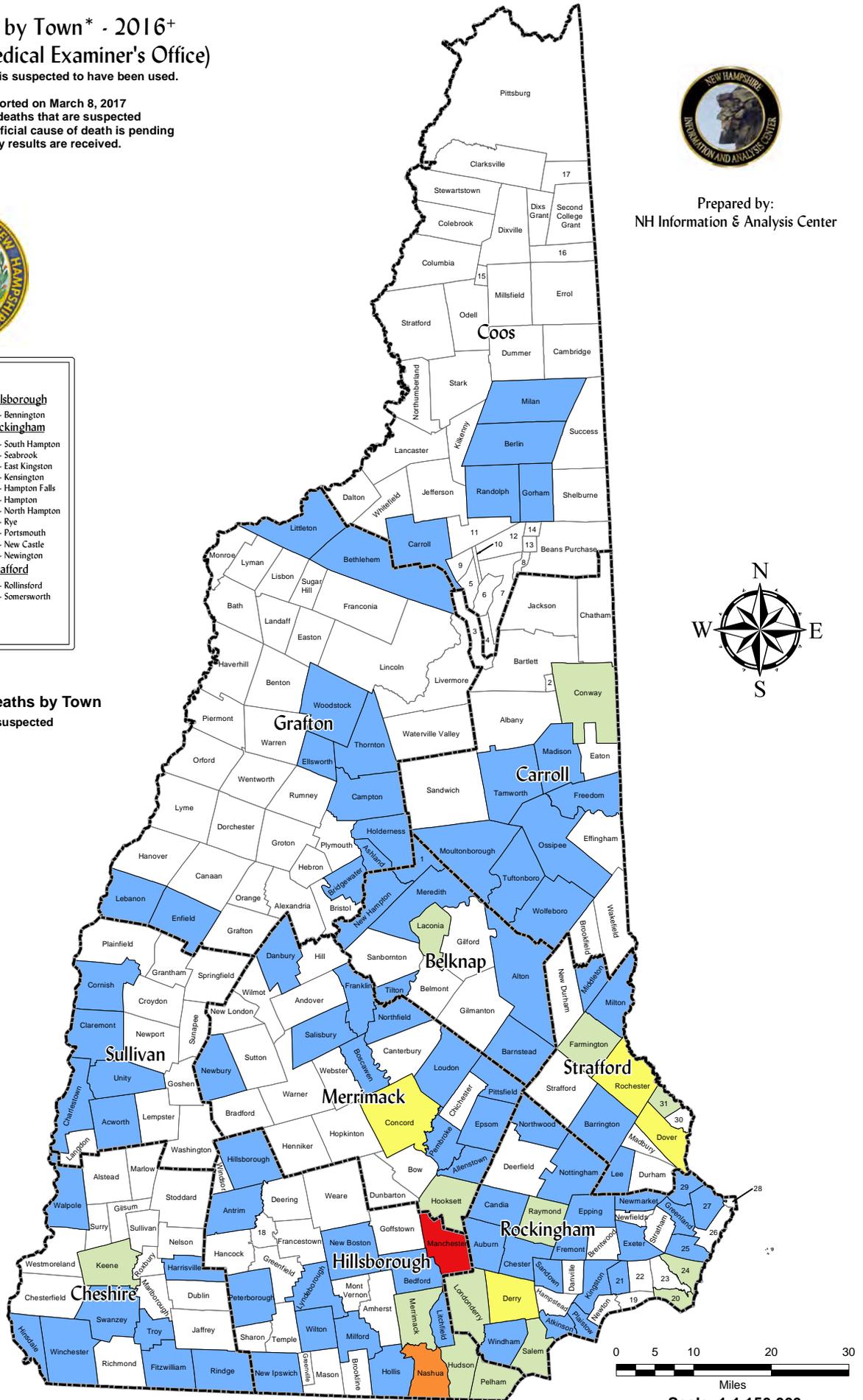
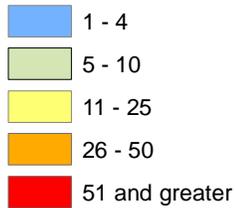


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| 2 - Hales Location | 19 - South Hampton |
| 3 - Harts Location | 20 - Seabrook |
| Coos | 21 - East Kingston |
| 4 - Hadleys Purchase | 22 - Kensington |
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Number of Overdose Deaths by Town

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



EMS Narcan Administration:

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



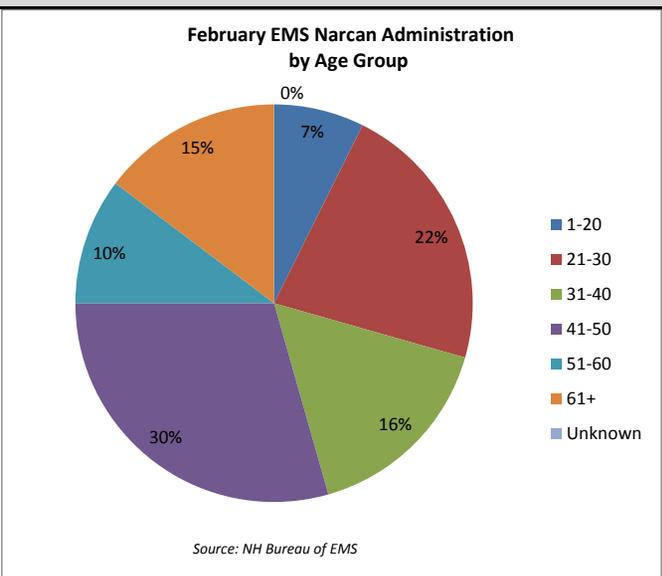
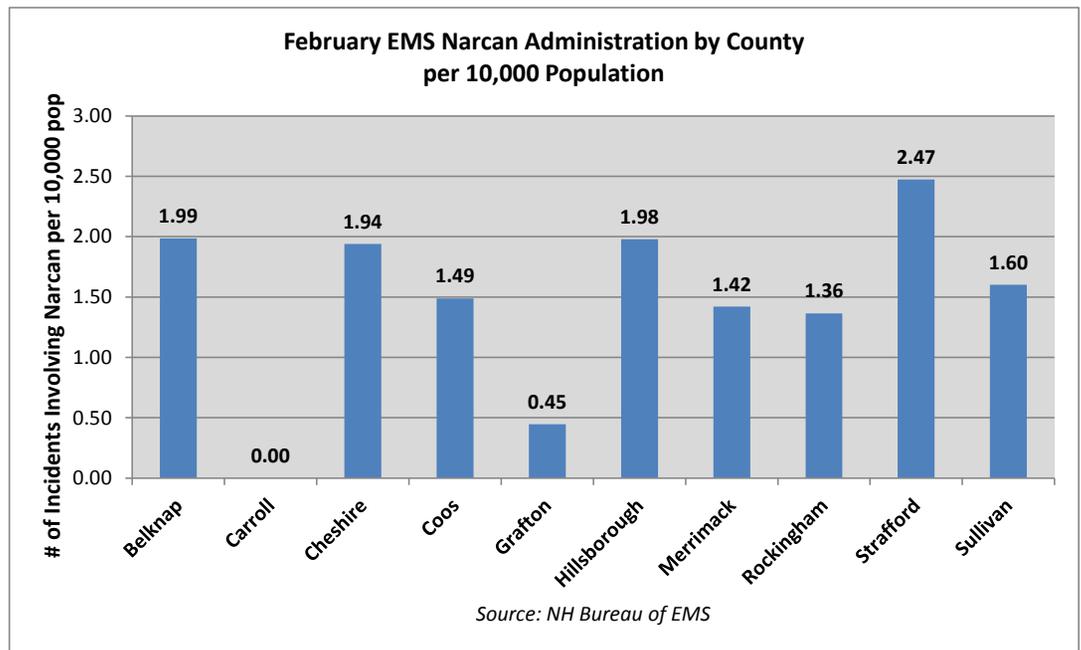
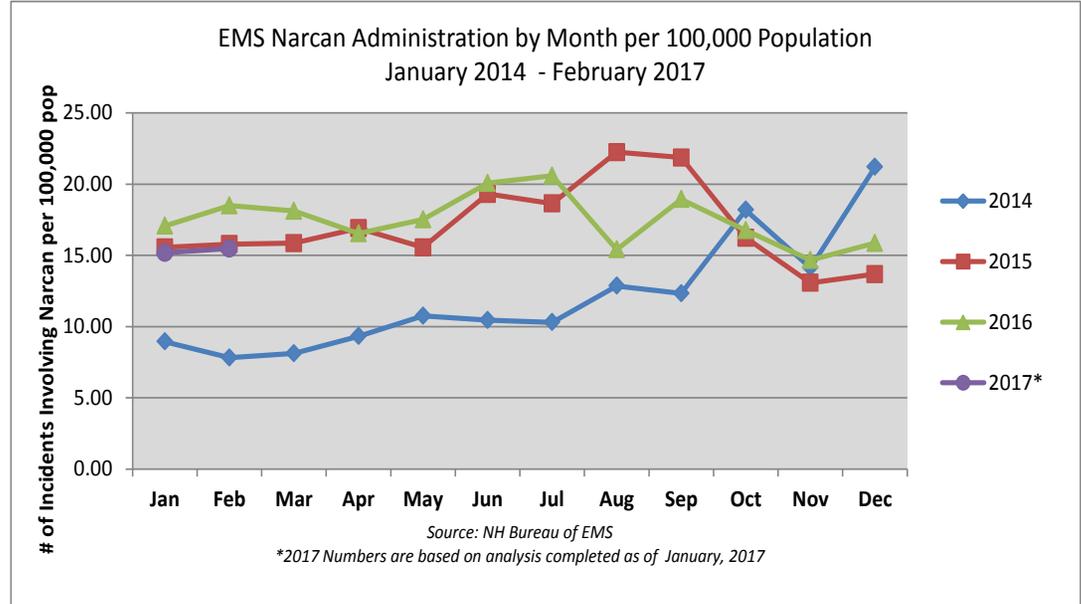
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- EMS Narcan administration increased by 2% from January to February.
- In February Strafford County had the most EMS Narcan administration incidents per capita with 2.47 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 80 incidents in February.
- The age group with the largest number of EMS Narcan administration incidents is 41-50 which represents 30% of all EMS Narcan administration incidents for February.
- NH Bureau of EMS "lives saved" has decreased by 7% from January to February.

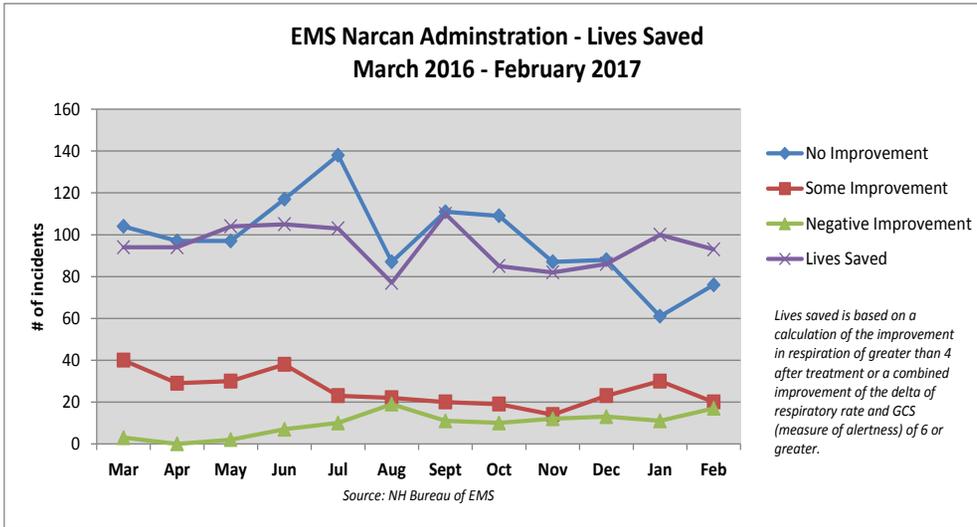
***** IMPORTANT DATA NOTES *****

- 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.



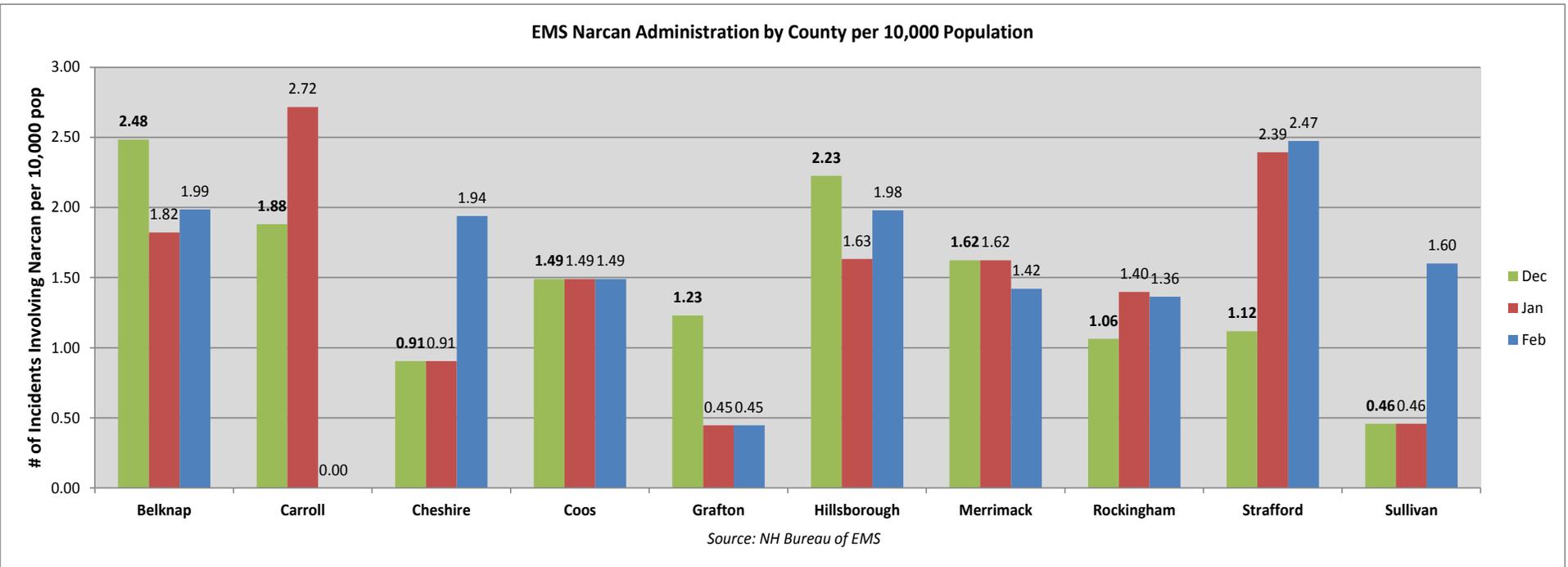
EMS Narcan Administration (Continued):

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



| EMS Narcan Administration—Lives Saved | | | | | | | | | | | | |
|---------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Source: NH Bureau of EMS | | | | | | | | | | | | |
| RODS Outcome | 2016 | | | | | | | | | | 2017 | |
| | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb |
| No Improvement | 104 | 97 | 97 | 117 | 138 | 87 | 111 | 109 | 87 | 88 | 61 | 76 |
| Some Improvement | 40 | 29 | 30 | 38 | 23 | 22 | 20 | 19 | 14 | 23 | 30 | 20 |
| Negative Improvement | 3 | 0 | 2 | 7 | 10 | 19 | 11 | 10 | 12 | 13 | 11 | 17 |
| Lives Saved | 94 | 94 | 104 | 105 | 103 | 77 | 110 | 85 | 82 | 86 | 100 | 93 |
| Total | 241 | 330 | 233 | 267 | 274 | 205 | 252 | 223 | 195 | 210 | 202 | 206 |

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
3/1/2016 - 2/28/2017

Data Source: New Hampshire Bureau of EMS

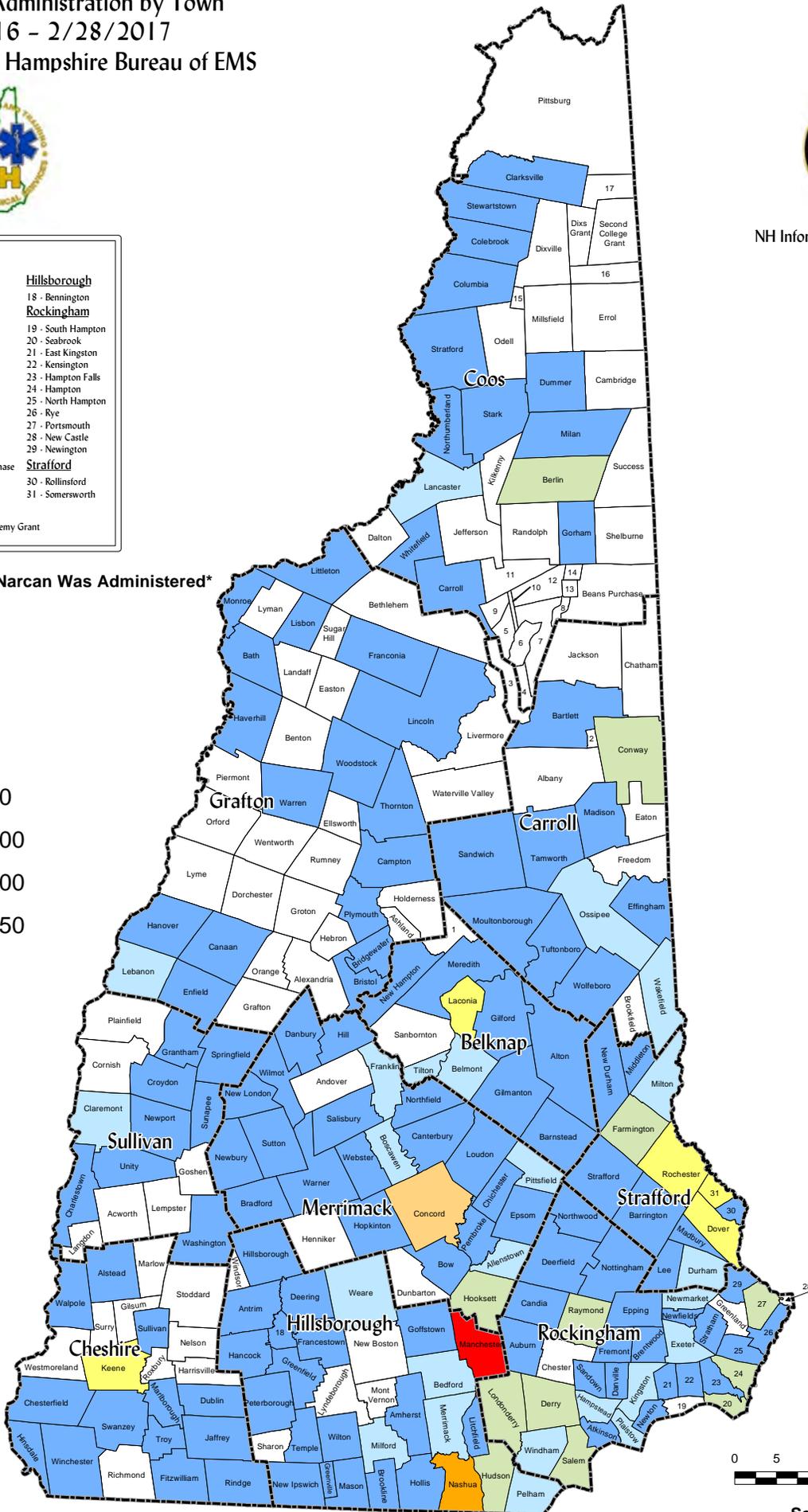
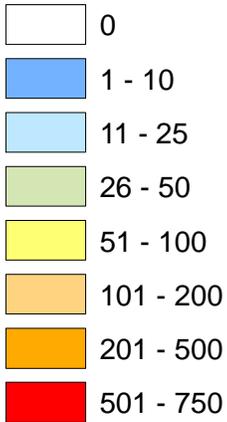


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Incidents Where Narcan Was Administered



Scale: 1:1,150,000

Opioid Related Emergency Department Visits:

Data Source: NH Division of Public Health Services



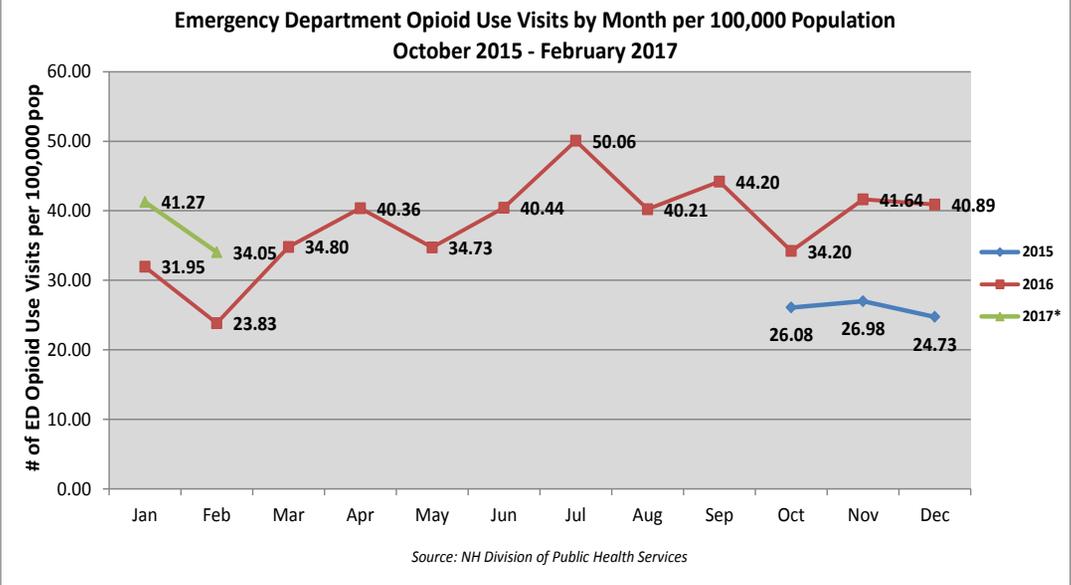
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Trends:

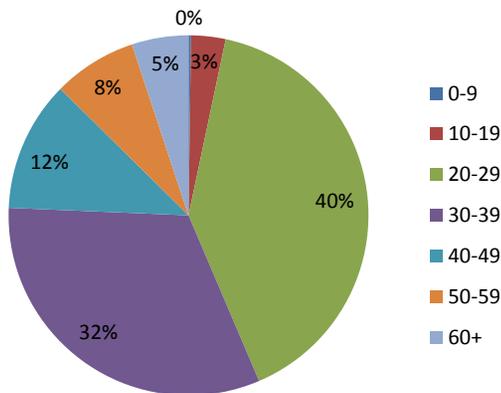
- Opioid related ED visits decreased by 18% from January—February 2017.
- In January residents from Coos County had the most opioid related ED visits per capita with 6.55 visits per 10,000 population.
- Based on absolute numbers residents from Hillsborough County had the most opioid related ED visits with 203 visits in February.
- 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 February.

***** 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.

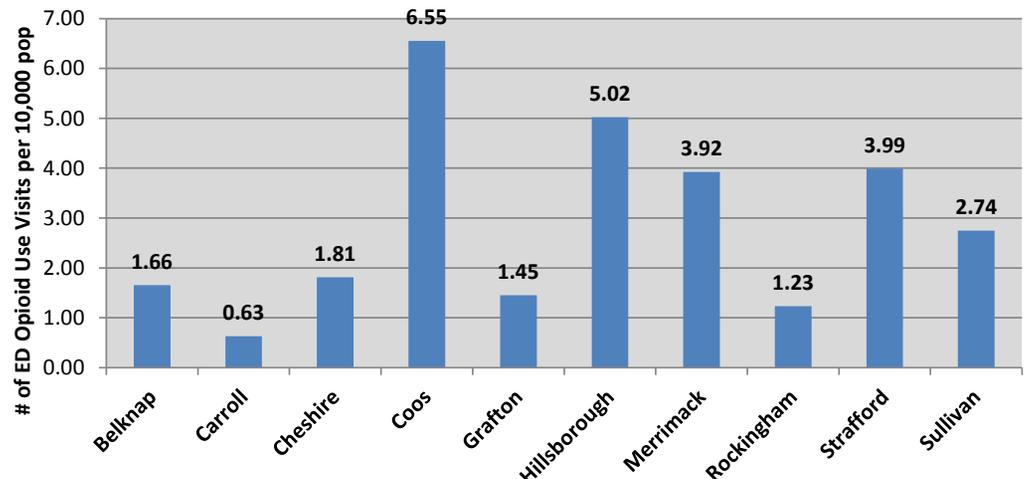


February Emergency Department Opioid Use Visits by Age



Source: NH Division of Public Health Services

February Emergency Department Opioid Use Visits by County per 10,000 Population

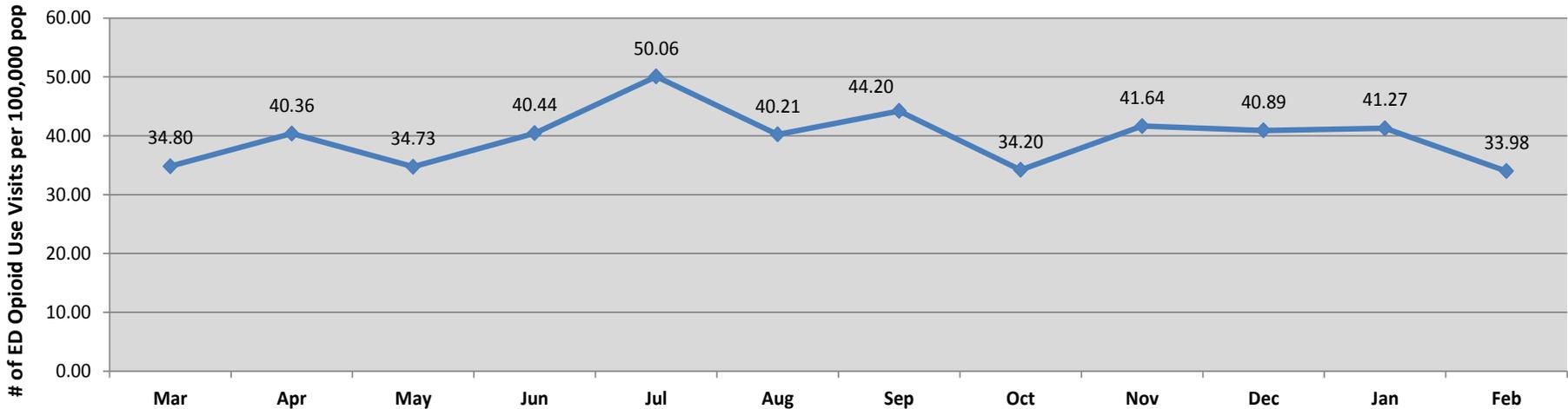


Source: NH Division of Public Health Services

Opioid Related Emergency Department Visits (Continued):

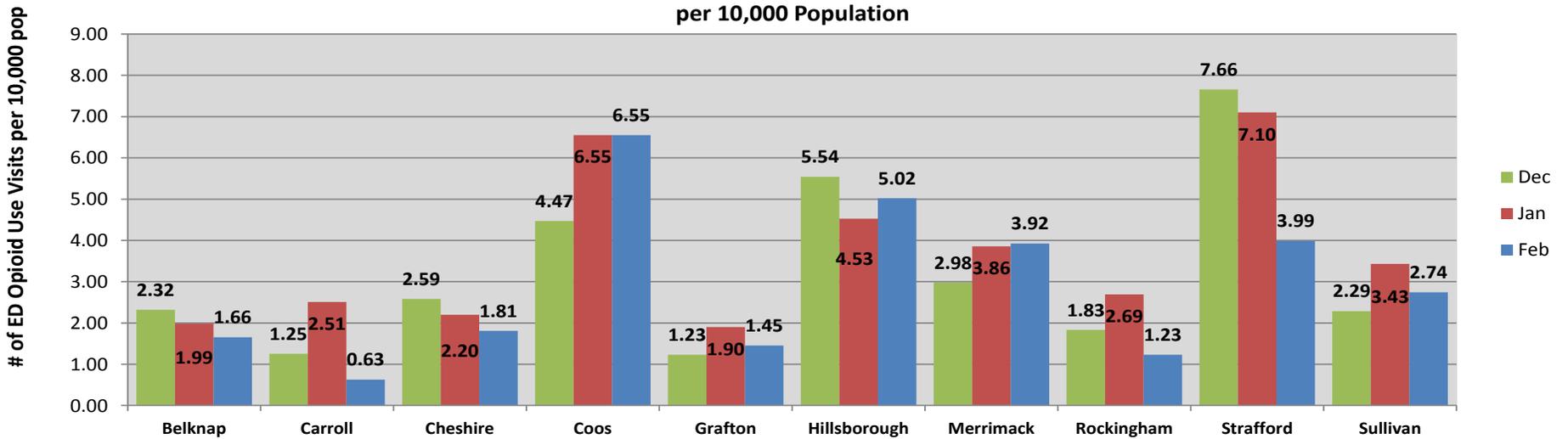
Data Source: NH Division of Public Health Services

**Emergency Department Opioid Use Visits per 100,000 Population
March 2016 - February 2017**



Source: NH Div. of Public Health Services

**Emergency Department Opioid Use Visits by County
per 10,000 Population**



Source: NH Div. of Public Health Services

Opioid/Opiate Treatment Admissions:

Data Source: NH Bureau of Drug & Alcohol Services



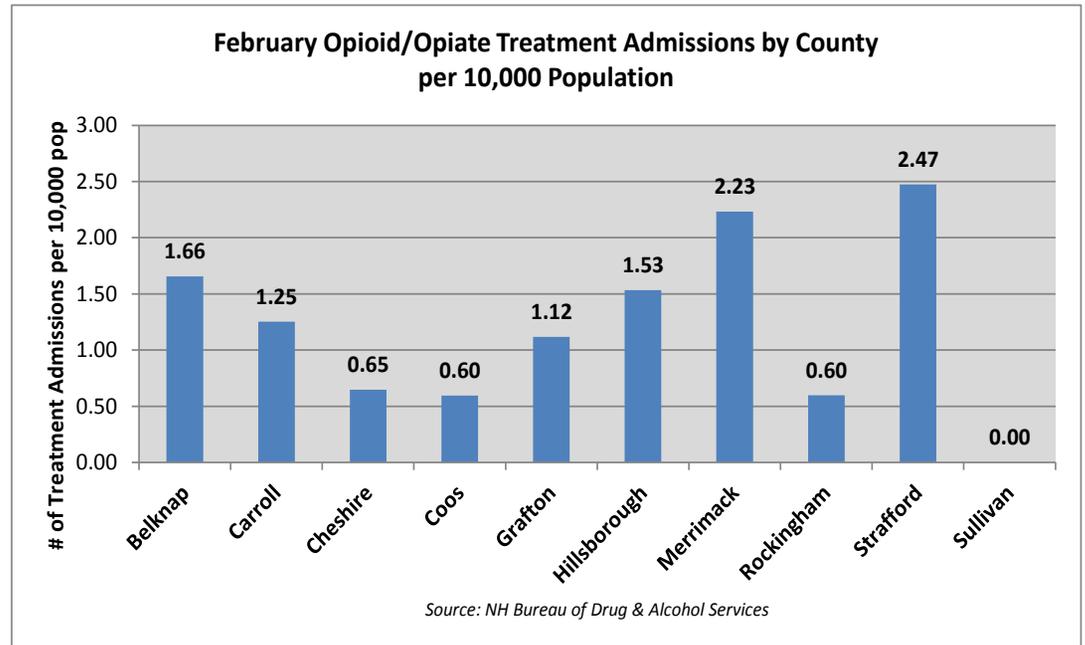
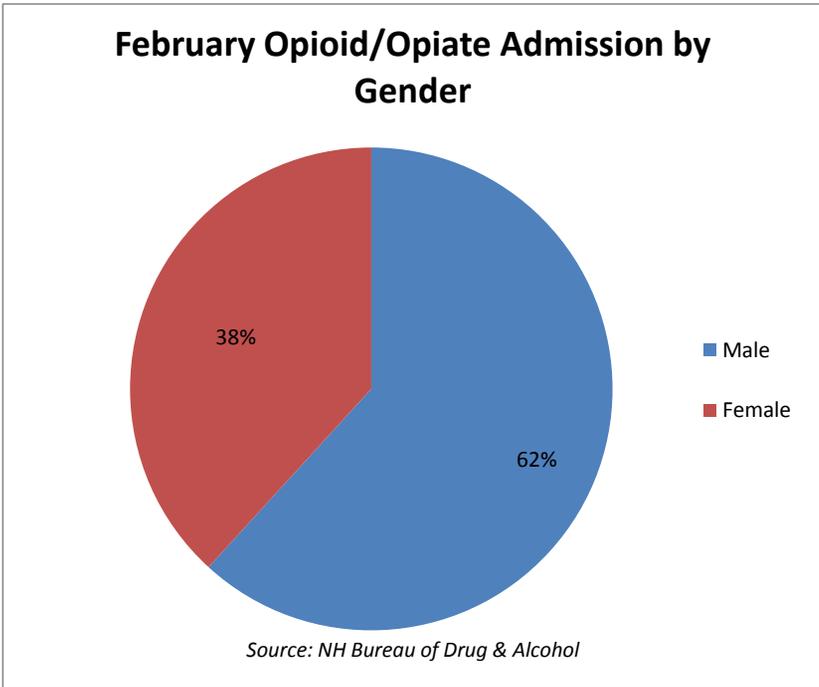
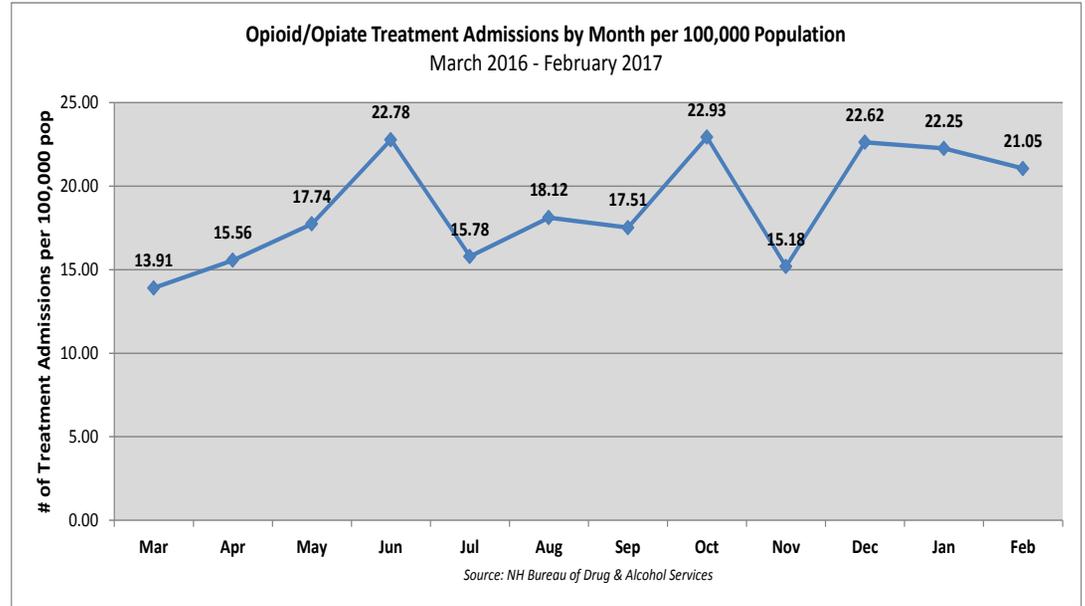
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- Opioid/opiate treatment admissions decreased by 5% from January to February.
- In February residents from Strafford County were admitted most often for opioid/opiate treatment per capita with 2.47 admissions per 10,000 population.
- Based on absolute numbers Hillsborough County had the most opioid/opiate treatment admissions with 62 admissions in February.
- More males than females were admitted to treatment programs in February for opioid/opiate use.

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

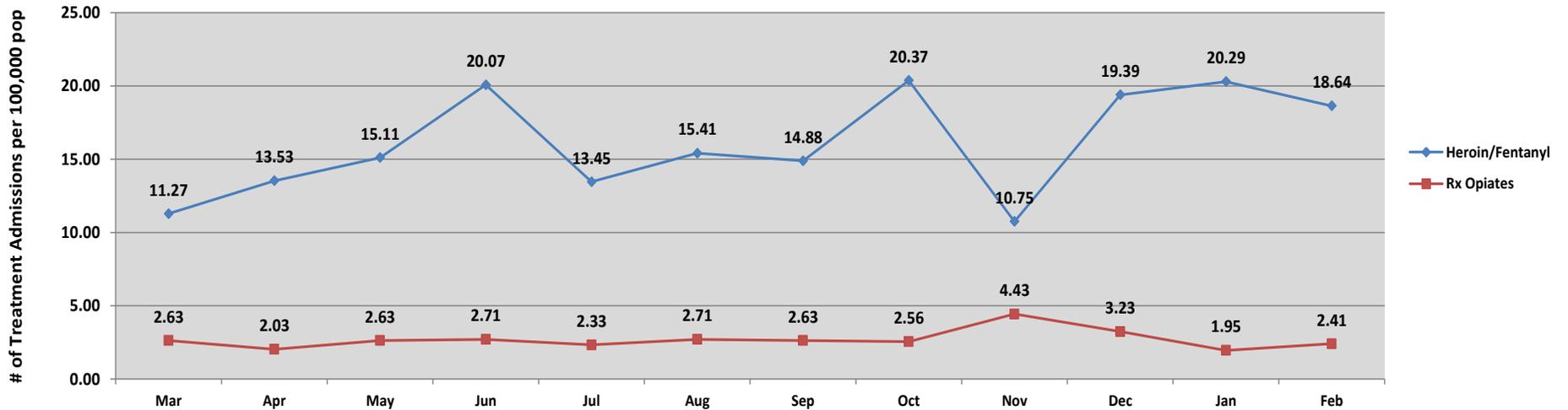
- County represents where the patient resides.
- These data represent treatment admissions to state funded facilities.



Opioid/Opiate Treatment Admissions (Continued):

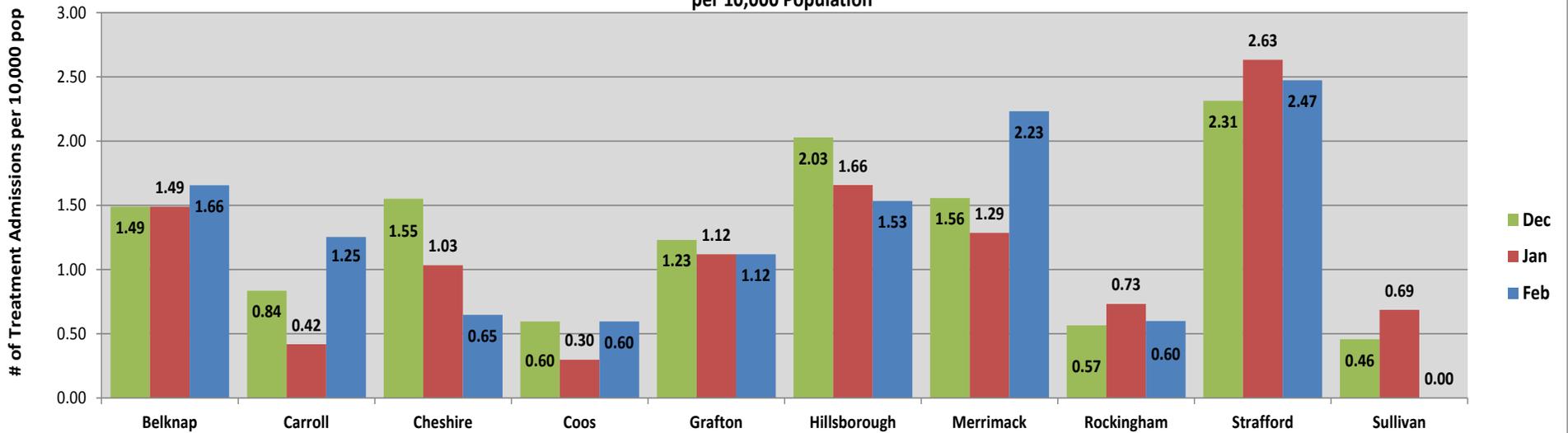
Data Source: NH Bureau of Drug & Alcohol Services

Heroin/Fentanyl & Rx Opiate Treatment Admissions by Month per 100,000 Population
March 2016 - February 2017



Source: NH Bureau of Drug & Alcohol Services

Opioid/Opiate Treatment Admissions by County per 10,000 Population



Source: NH Bureau of Drug & Alcohol Services

Situational Awareness:



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

The DMI is a wonderful asset to the State of New Hampshire. I appreciate the opportunity when asked to provide a monthly synopsis regarding the state-level response to address the drug crisis—one of the most significant public health crisis in New Hampshire’s history. I will also use this as an opportunity to highlight areas of interest to the broad group of stakeholders.

By way of introduction, beginning in March 2016, I started my position as the Governor's Advisor on Addiction and Behavioral Health—traditionally referred to as the “drug czar,” which does not appreciate the behavioral health component of my position. My responsibilities, include, but are not limited to: coordinating state resources; working with state agencies to ensure quality delivery of services; identifying barriers to and gaps in New Hampshire's system of care; recommending strategies to address those barriers and gaps; and coordinating the state's comprehensive approach to support law enforcement and strengthen prevention, treatment and recovery efforts. Additionally, I work directly with the Governor's Commission on Alcohol and Drug Abuse Prevention, Treatment, and Recovery. Prior to starting this position, I was an Assistant County Attorney at the Grafton County Attorney's Office from 2005-2009, before moving on to the New Hampshire Department of Justice. I was employed at the New Hampshire Department of Justice from 2009 until 2016. From January 2013 until 2016, I led the Drug Prosecution Unit and was promoted to a Senior Assistant Attorney General during this time.

NEW HAMPSHIRE SAFE STATIONS

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

| | Manchester | Nashua |
|---|------------|-----------|
| As of: | 3/10/2017 | 3/16/2017 |
| • Number of requests at MFD/NFR for Safe Station: | 1348 | 221 |
| • Number of participants transported to Hospitals: | 163 | 33 |
| • Number of participants taken to HOPE in NH: | 347 | N/A |
| • Number of participants taken to Serenity Place: | 837 | N/A |
| • Number of participants taken to PSL facilities: | N/A | 183 |
| • Number of participants seen for ODs prior to seeking SS Help: | — | 34 |
| • Average Length of Time MFD/NRF Company “Not Available”: | 14 min | 11:18 min |
| • Number of <u>UNIQUE</u> participants: | 979 | 183 |
| • Number of <u>REPEAT</u> participants: | 207 | 38 |
| • Age Range of Participants: | 18-70 | 18-66 |

Guilty Plea in Cocaine Sting

According to the Nashua Telegraph, a Manchester man pleaded guilty last week to a federal charge of trafficking cocaine in Nashua last July. U.S. Attorney Emily Gray Rice announced Luis D. Capo-Nieves, 33, formerly of Nashua, pleaded guilty March 1 to possession cocaine with intent to distribute. Capo-Nieves is schedule for sentencing on June 12.

Wilfredo Tanon Rodriguez, the other individual involved with Capo-Nieves during the July 1 incident, recently pleaded guilty to a related charge.

Police reports indicated Rodriguez and Capo-Nieves were arrested following an undercover stakeout that was conducted after numerous complaints of illegal drug activity at the Amherst Park Apartments. Nashua officers reportedly seized about 279 grams of cocaine—worth about \$10,000.

Source: www.nashuatelegraph.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> | |