



New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

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NHIAC Product #: 2018-3288

February 2018 Report

23 March 2018

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.

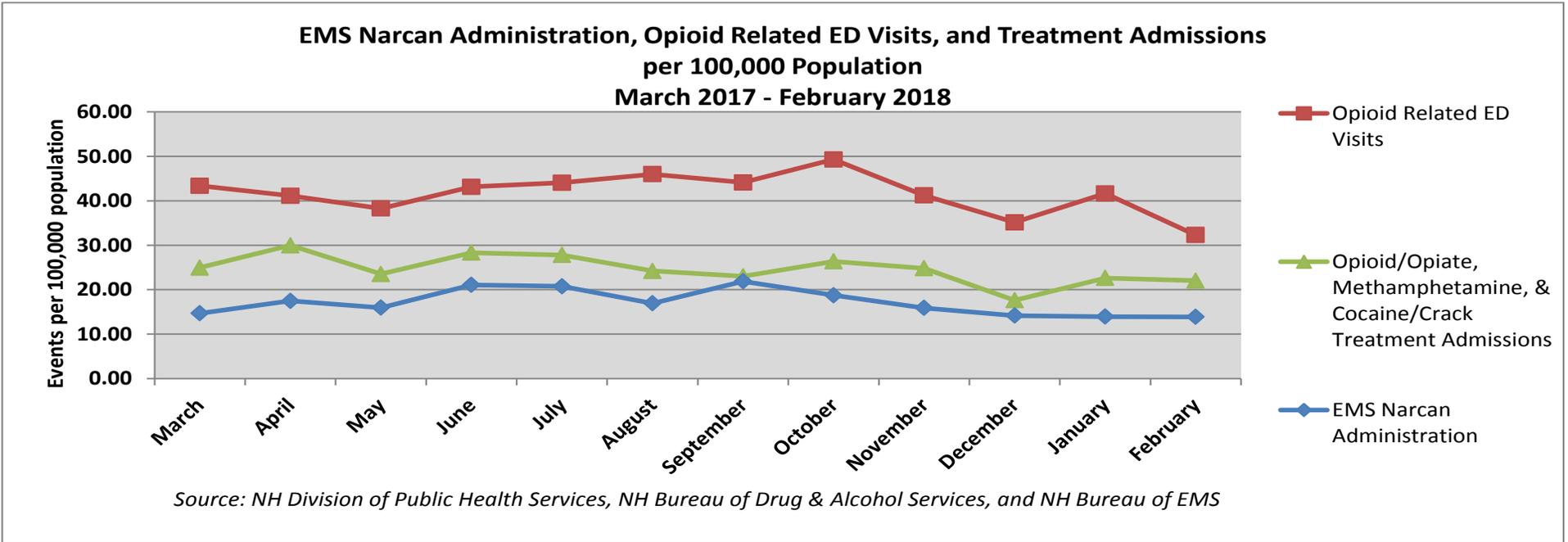
Drug Environment Report—UNCLASSIFIED

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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 2016 estimated population of each county.
- ⇒ If your agency is looking for further breakdowns than what is in this document please contact the NHIAC.

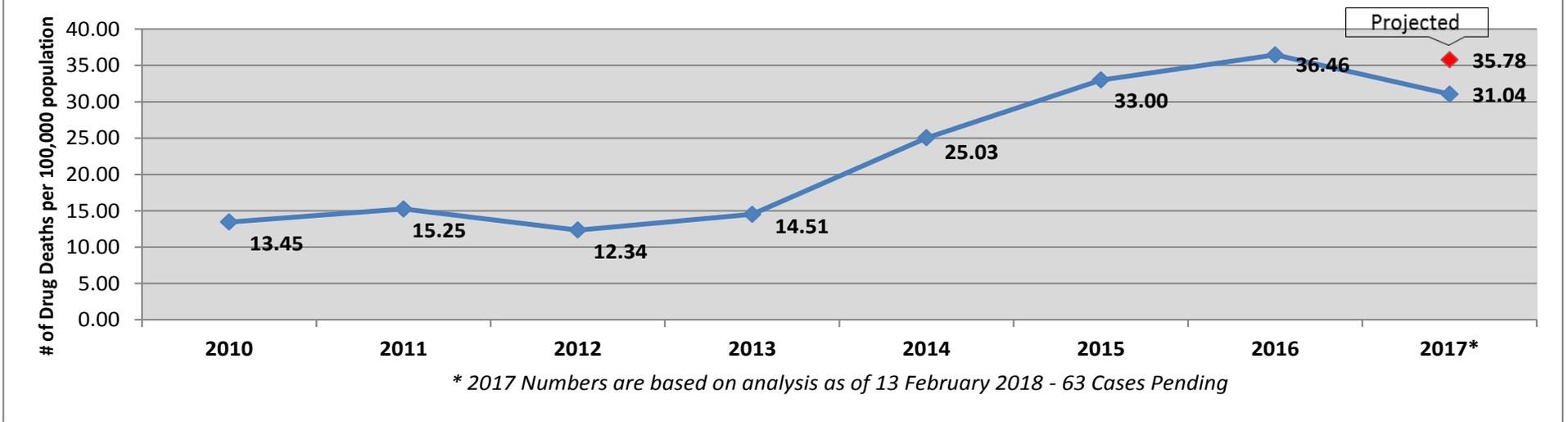
Overview: Trends for Narcan, ED Visits, Treatment Admissions, and Overdose Deaths:



Drug overdose death data was last updated on 2/13/2018

Drug Overdose Deaths By Year

Data Source: NH Medical Examiner's Office



Drug overdose death data was last fully updated on 1/23/2018

Drug Overdose Deaths:

Data Source: NH Medical Examiner's Office

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

Trends:

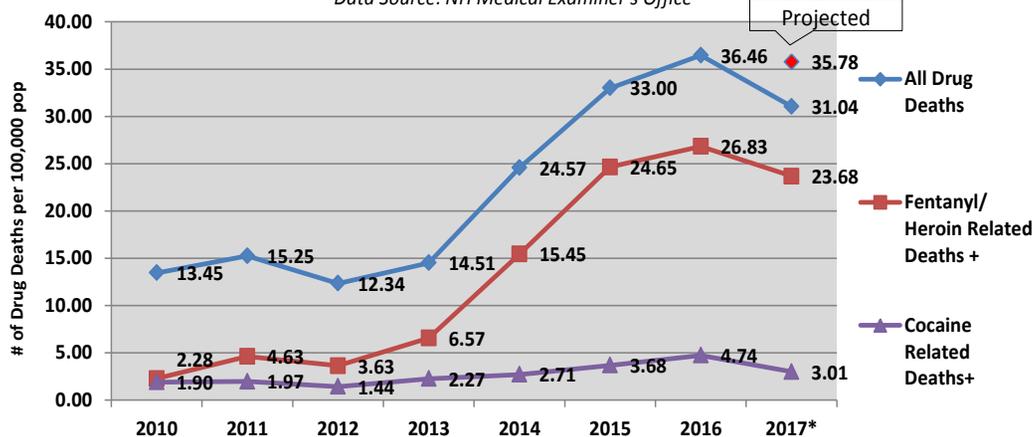
- At this time, drug overdose deaths are projected to decrease by 2% from 2016 to 2017.
- In 2017 thus far, Hillsborough County has the highest suspected drug use resulting in overdose deaths per capita at 3.91 deaths per 10,000 population.
- Strafford County had the next highest suspected drug use resulting in overdose deaths per capita at 3.43 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, there have been 12 deaths related to the use of carfentanil in 2017.

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

- 2017 Total numbers are based on analysis as of 13 February, 2018.
- Breakdowns are based on analysis as of 23 January, 2018.
- There are currently 63 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

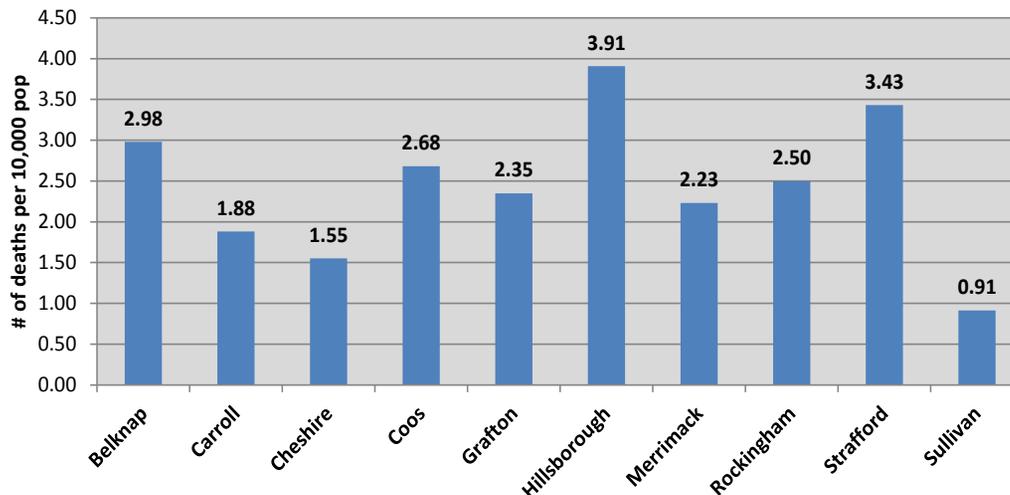
Data Source: NH Medical Examiner's Office



* 2017 Projected numbers are based on analysis as of 13 February 2018 - 63 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

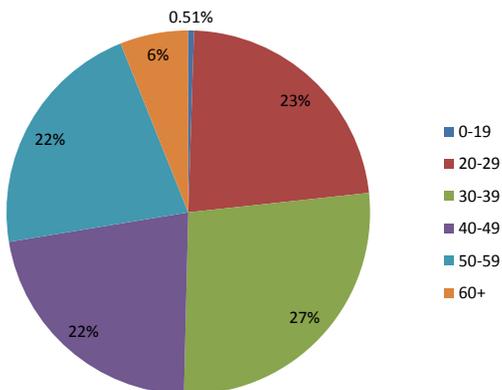
Data Source: NH Medical Examiner's Office



* 2017 Numbers are based on analysis as of 23 January 2018 -90 cases still pending

Overdose Deaths by Age 2017*

Data Source: NH Medical Examiner's Office



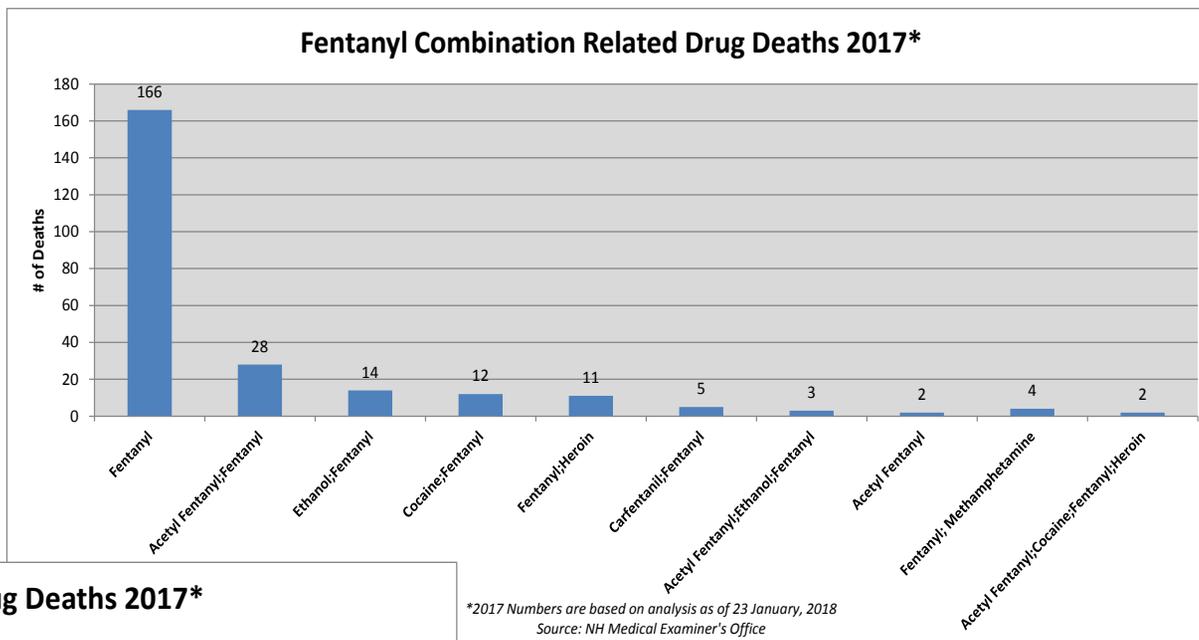
*2017 Numbers are based on analysis as of 23 January, 2018

Drug overdose death data was last fully updated on 1/23/2018

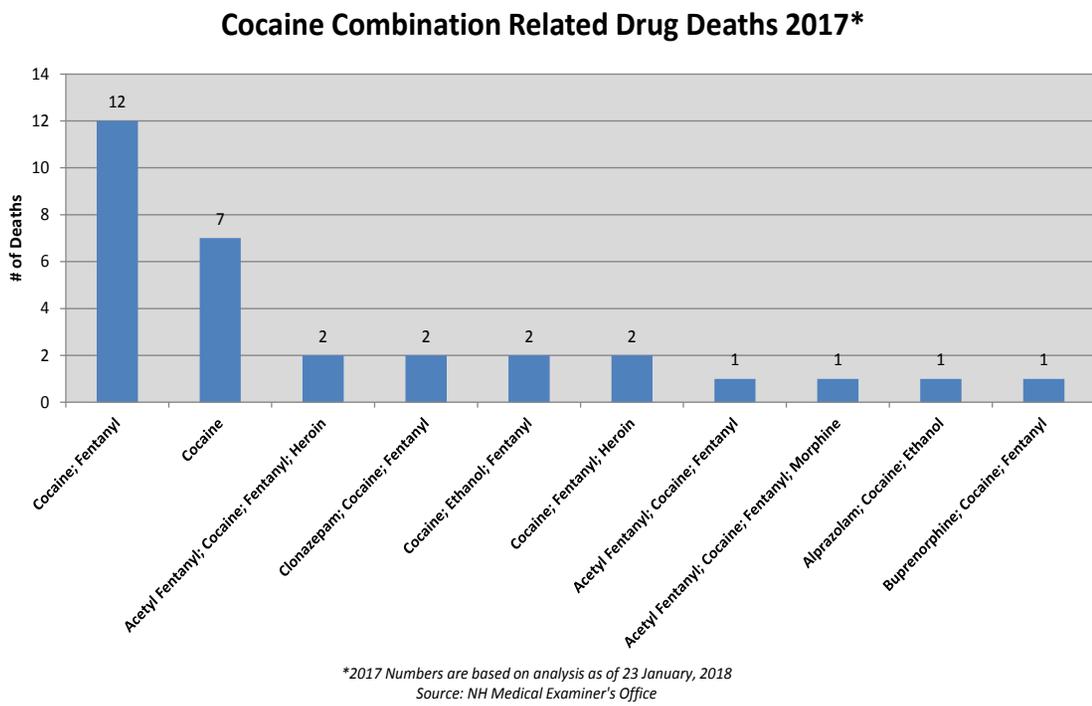
Drug Overdose Deaths (Continued):

Data Source: NH Medical Examiner's Office

Fentanyl Combinations (Top 10)	
Fentanyl	166
Acetyl Fentanyl; Fentanyl	28
Ethanol; Fentanyl	14
Cocaine; Fentanyl	12
Fentanyl; Heroin	11
Carfentanil; Fentanyl	5
Fentanyl; Methamphetamine	4
Acetyl Fentanyl; Ethanol; Fentanyl	3
Acetyl Fentanyl	2
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2



*2017 Numbers are based on analysis as of 23 January, 2018
Source: NH Medical Examiner's Office



*2017 Numbers are based on analysis as of 23 January, 2018
Source: NH Medical Examiner's Office

Cocaine Combinations (Top 10)	
Cocaine; Fentanyl	12
Cocaine	7
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2
Clonazepam; Cocaine; Fentanyl	2
Cocaine; Ethanol; Fentanyl	2
Cocaine; Fentanyl; Heroin	2
Acetyl Fentanyl; Cocaine; Fentanyl	1
Acetyl Fentanyl; Cocaine; Fentanyl; Morphine	1
Alprazolam; Cocaine; Ethanol	1
Buprenorphine; Cocaine; 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 January 23, 2018
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.
90 cases pending

Drug overdose death data was last updated on 1/23/2018



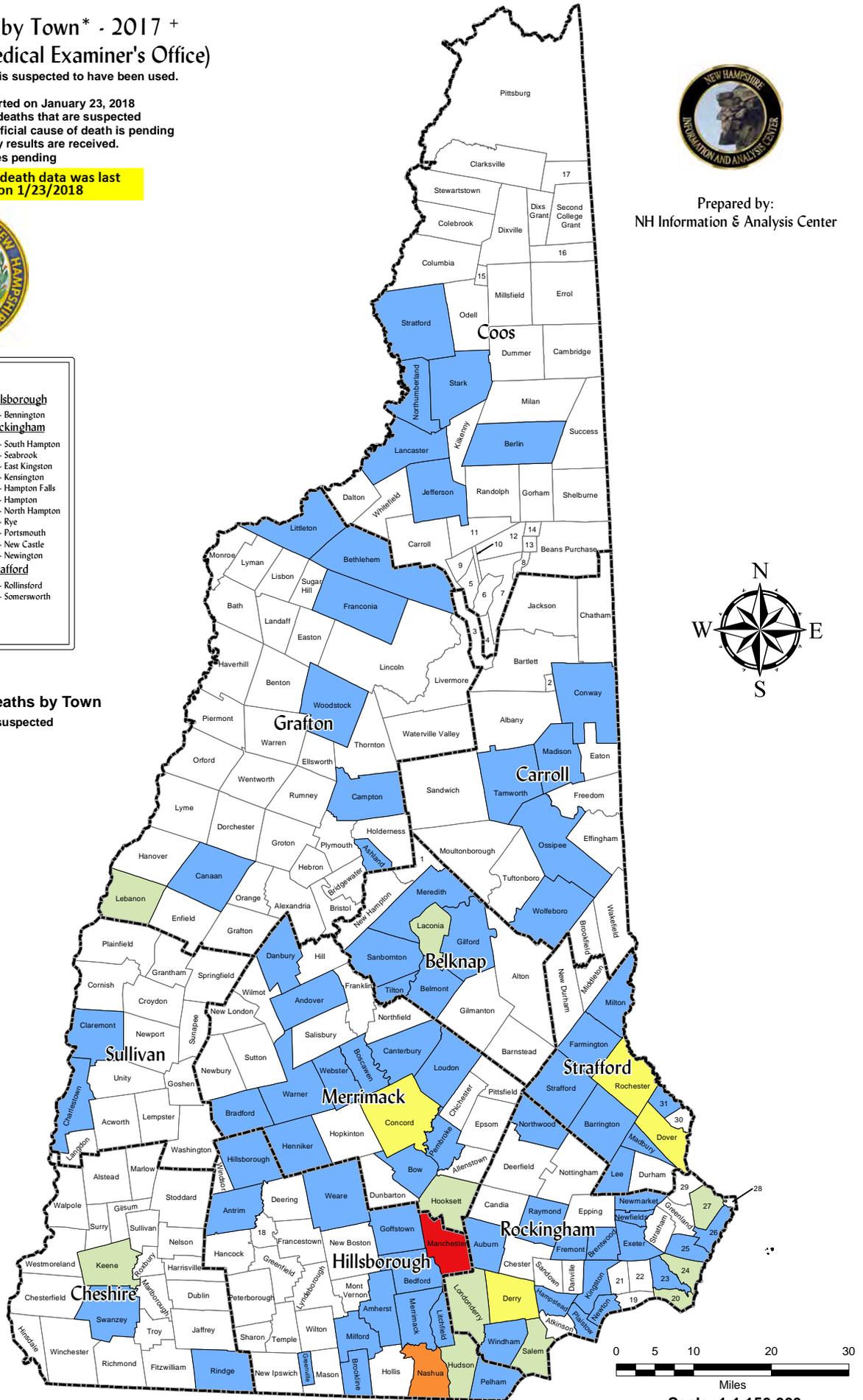
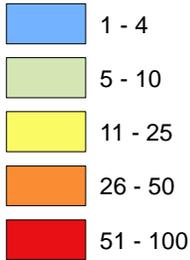
Prepared by:
NH Information & Analysis Center

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Belknap	Hillsborough
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Coos	21 - East Kingston
4 - Hadleys Purchase	22 - Kensington
5 - Beans Grant	23 - Hampton Falls
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7 - Sargents Purchase	25 - North Hampton
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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)

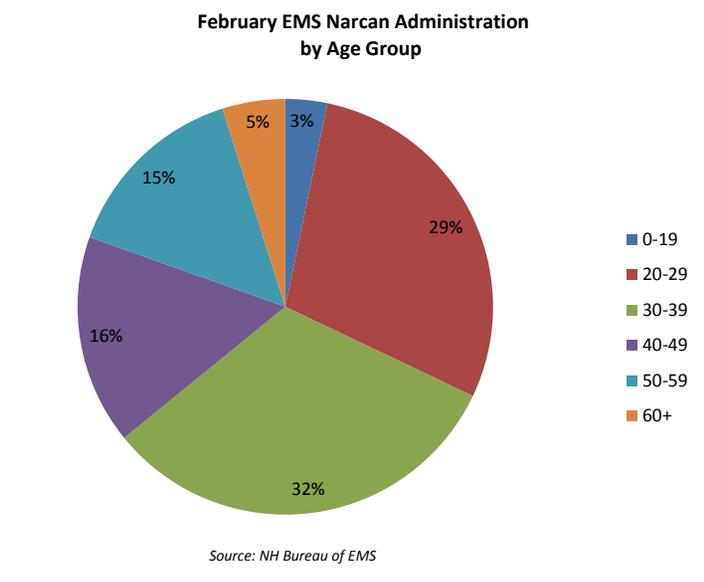
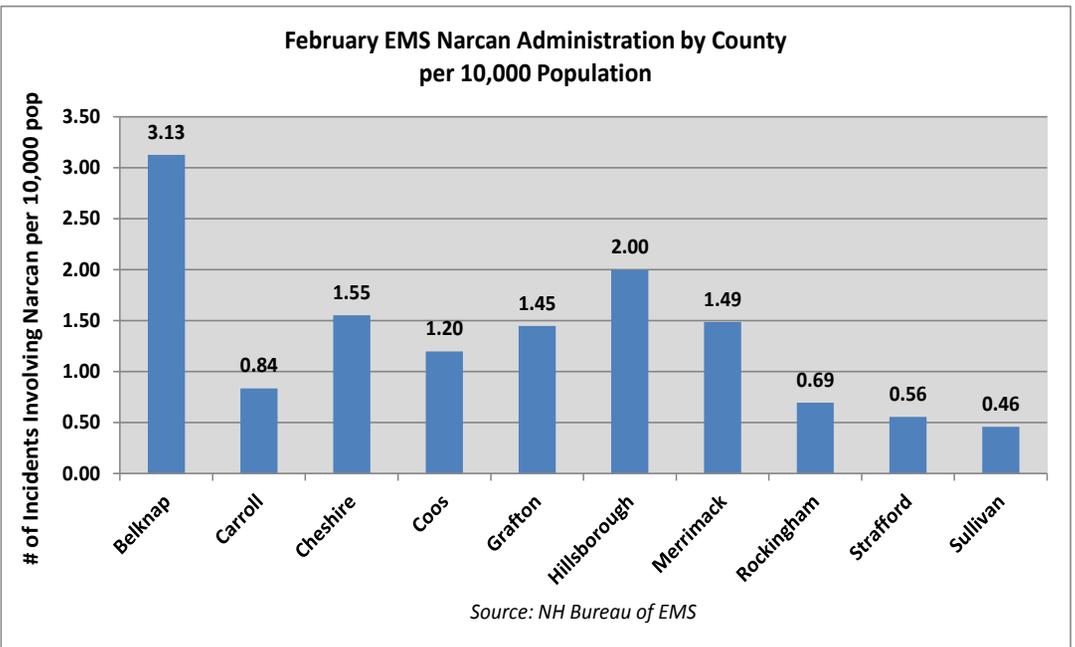
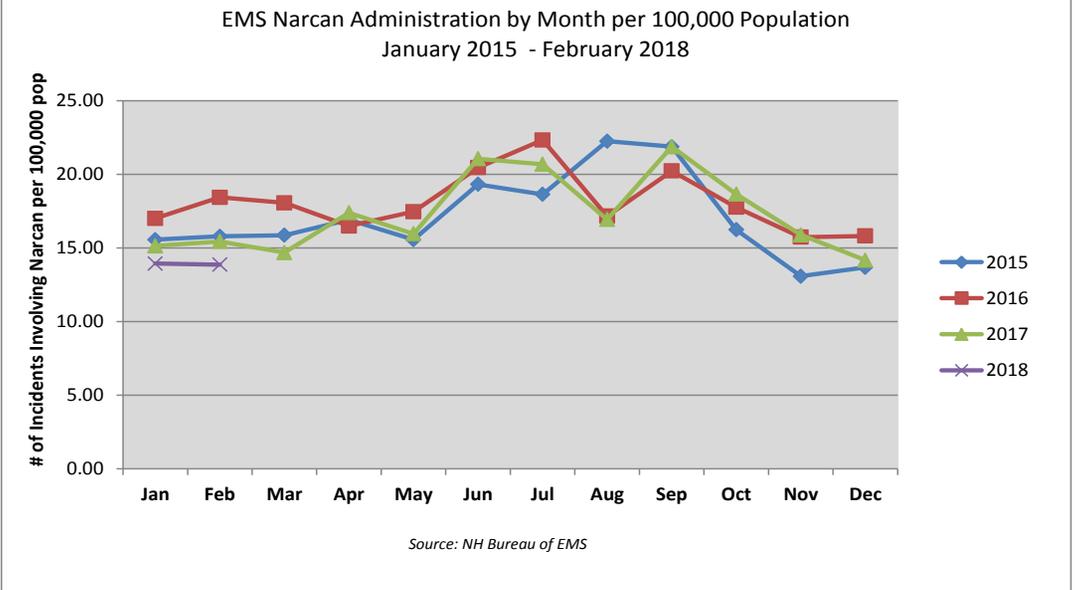
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- EMS Narcan administration incidents decreased by 0.5% from January to February.
- In February Belknap County had the most EMS Narcan administration incidents per capita with 3.13 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 81 incidents in February.
- The age group with the largest number of EMS Narcan administration incidents was 30-39 which represents 32% of all EMS Narcan administration incidents for February.
- NH Bureau of EMS Percentage of "lives saved" decreased by 4% from January to February.

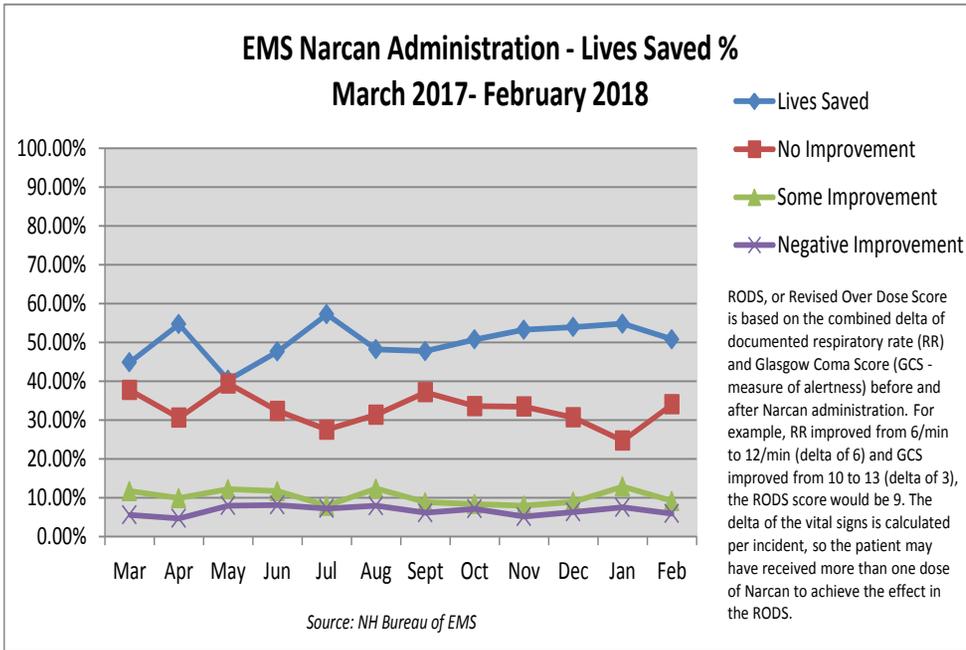
***** IMPORTANT DATA NOTES *****

- 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.



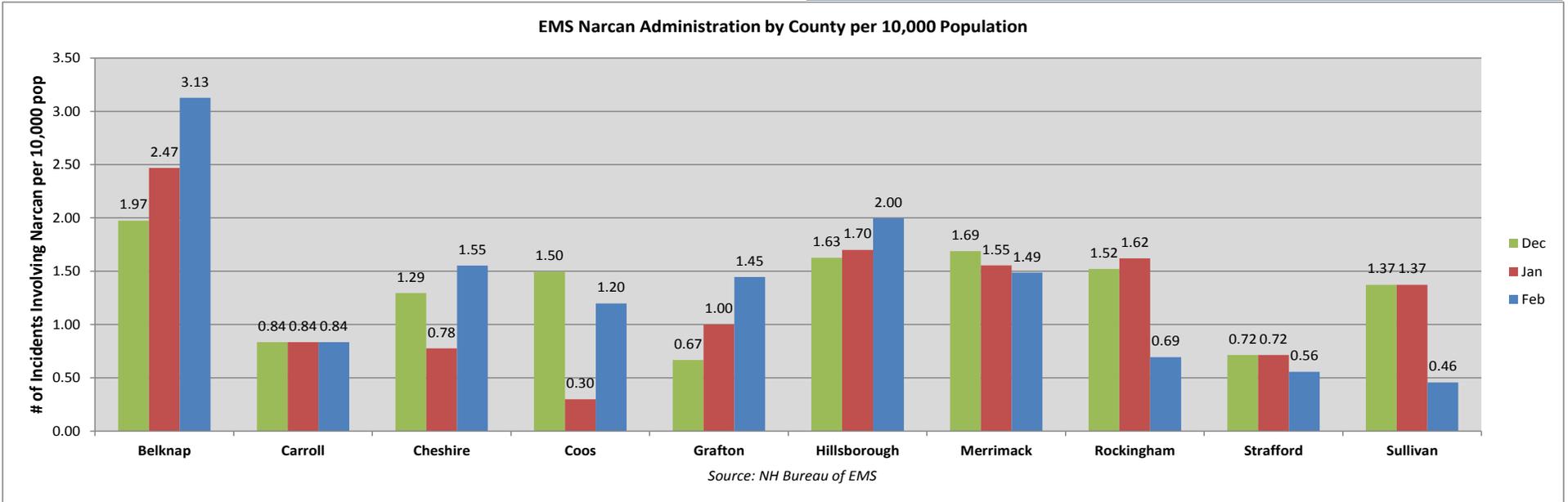
EMS Narcan Administration (Continued):

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



EMS Narcan Administration—Lives Saved												
Source: NH Bureau of EMS	2017										2018	
RODS Outcome	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
Lives Saved <i>RODS Score of 8+</i>	88	127	86	134	158	109	140	127	113	102	102	94
No Improvement <i>RODS Score of 0</i>	74	71	84	91	76	71	108	83	71	58	46	63
Some Improvement <i>RODS Score 1-7</i>	23	23	26	33	22	28	26	21	17	17	24	17
Negative Improvement <i>Negative RODS Score</i>	11	11	17	23	20	18	18	18	11	12	14	11
Total	196	232	213	281	276	226	292	249	212	189	186	185

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 Town 3/1/2017 - 2/28/2018

Data Source: New Hampshire Bureau of EMS

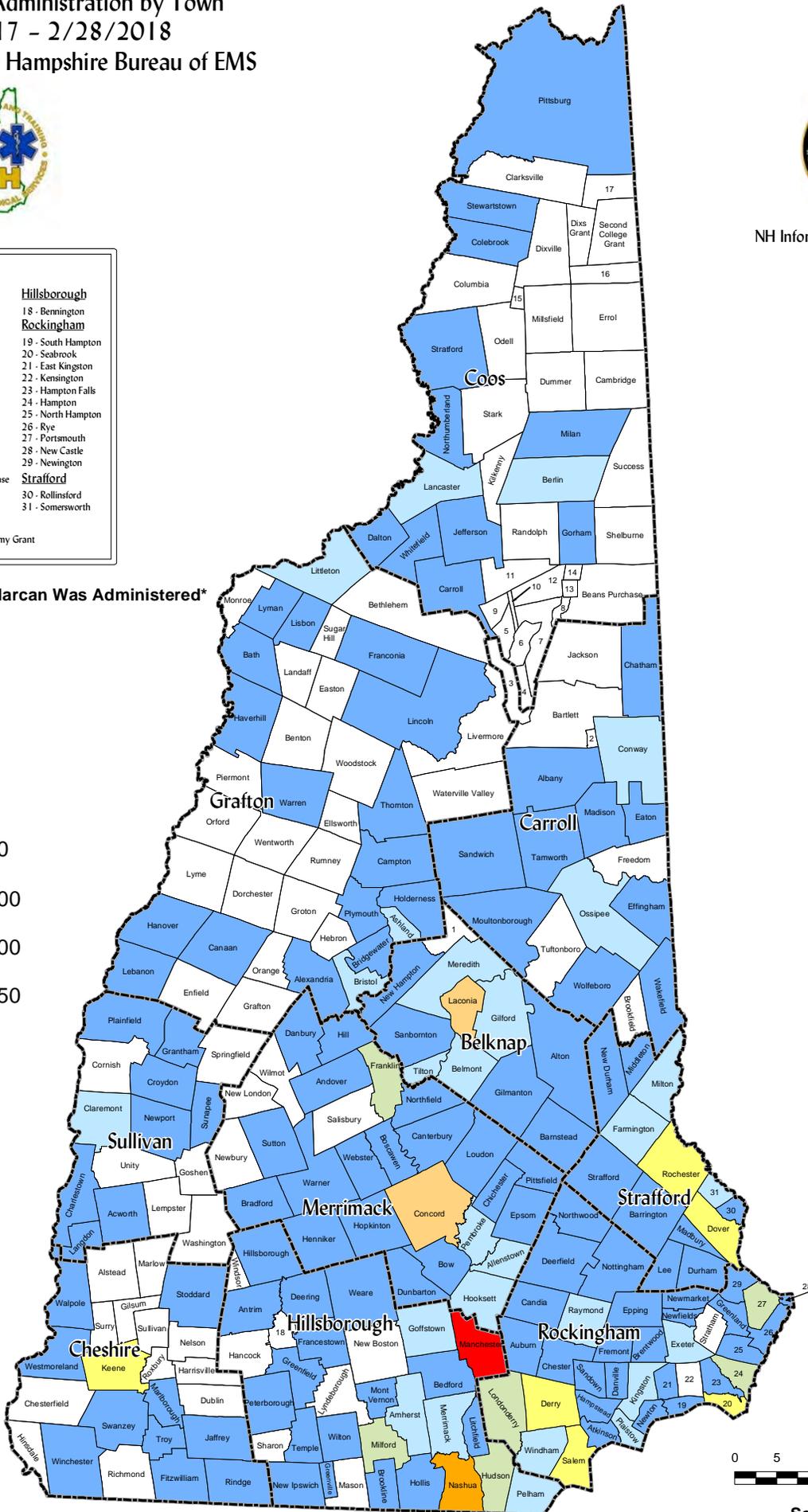
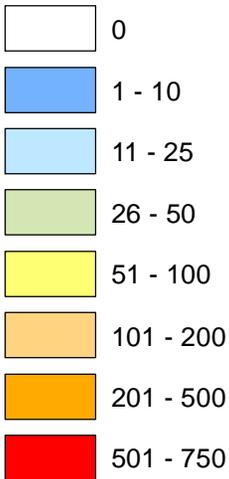


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Incidents Where Narcan Was Administered



Scale: 1:1,150,000

Opioid Related Emergency Department Visits:

Data Source: NH Division of Public Health Services

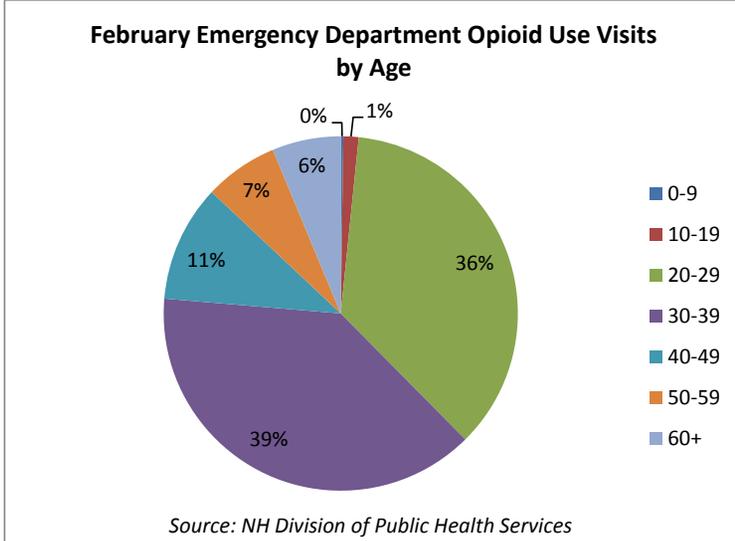
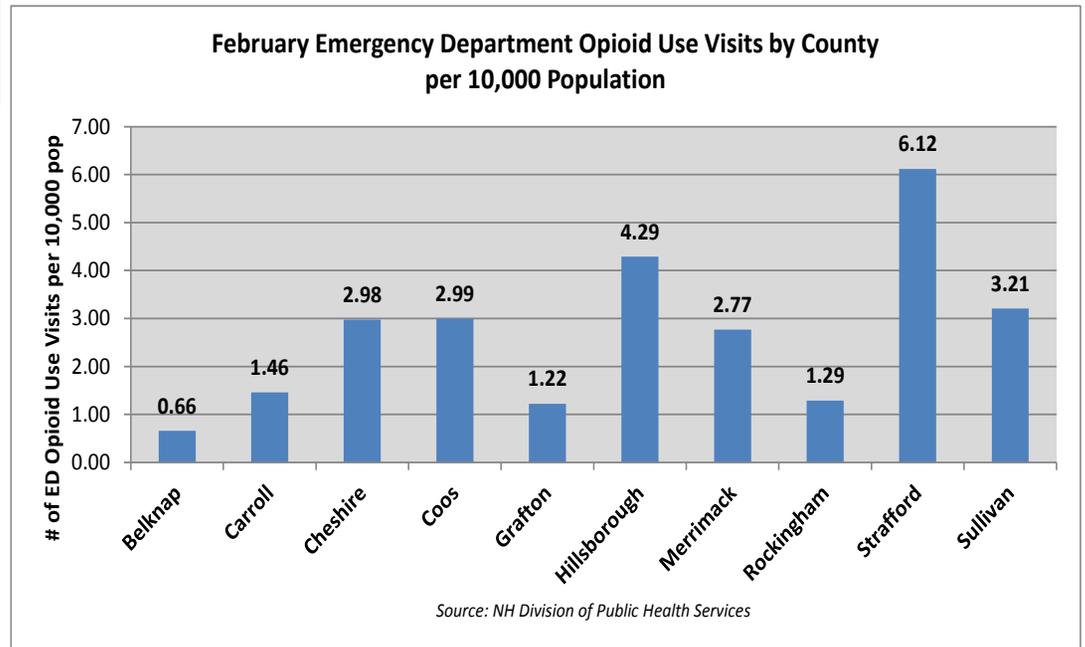
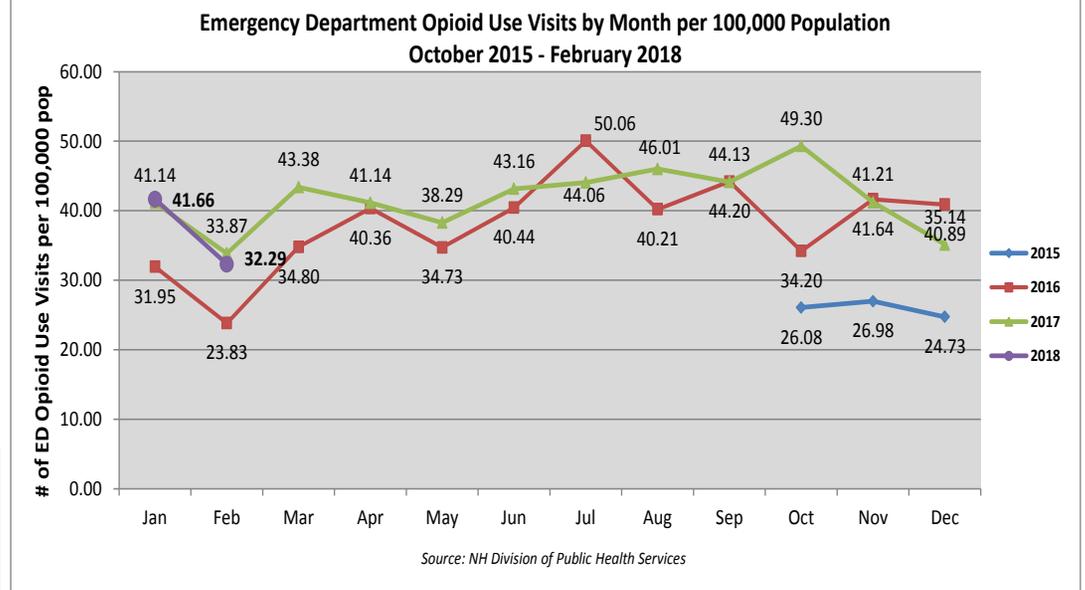
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- Opioid related ED visits decreased by 22.5% from January to February 2018.
- In February residents from Strafford County had the most opioid related ED visits per capita with 6.12 visits per 10,000 population.
- Hillsborough County residents had the second highest number of opioid related ED visits per capita with 4.29 visits per 10,000 population.
- The age group with the largest number of opioid related ED visits was 30-39 with 39% of all opioid related ED visits for February.

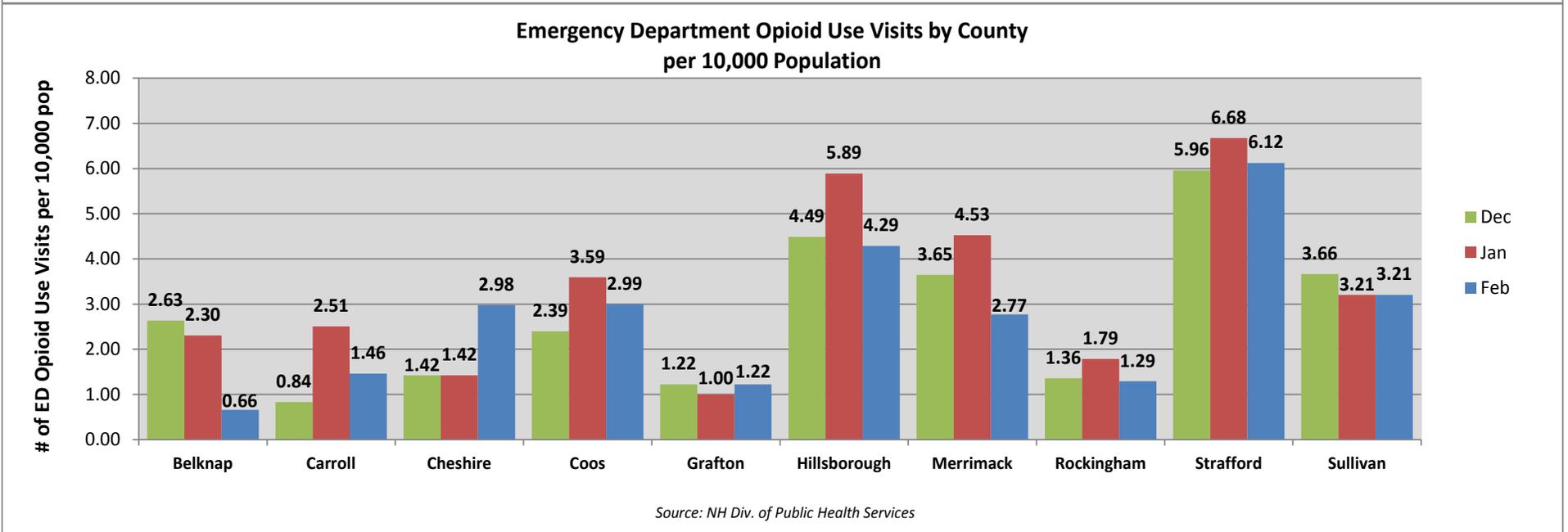
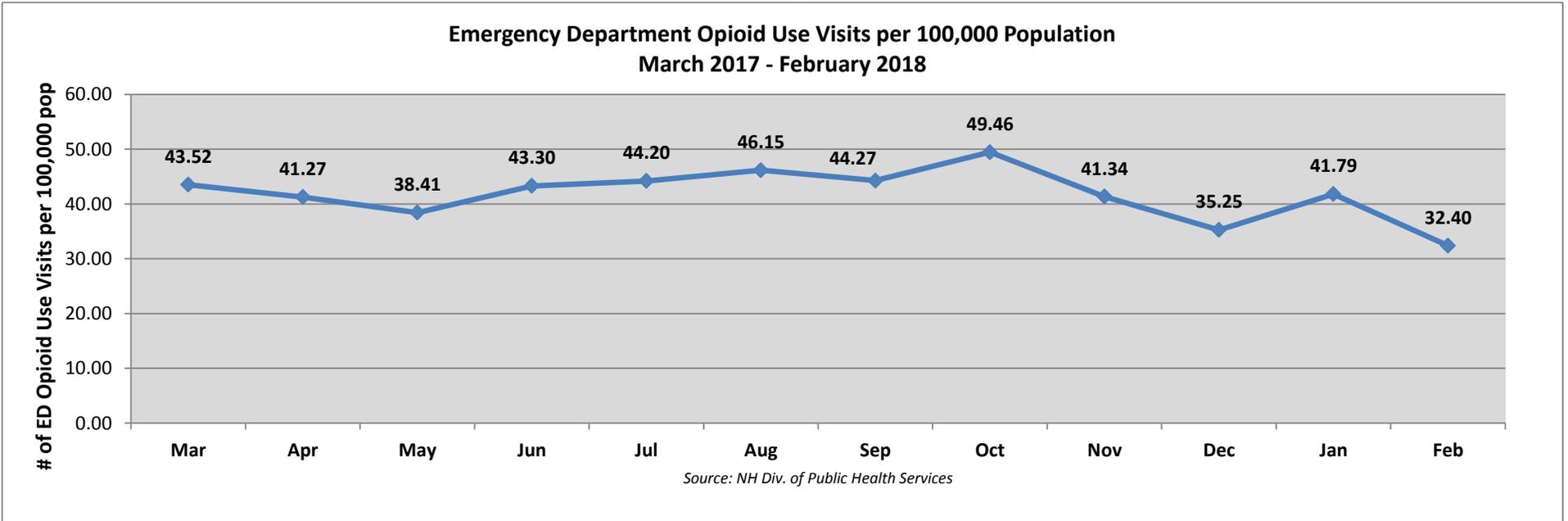
***** IMPORTANT DATA NOTES *****

- 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 three 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.

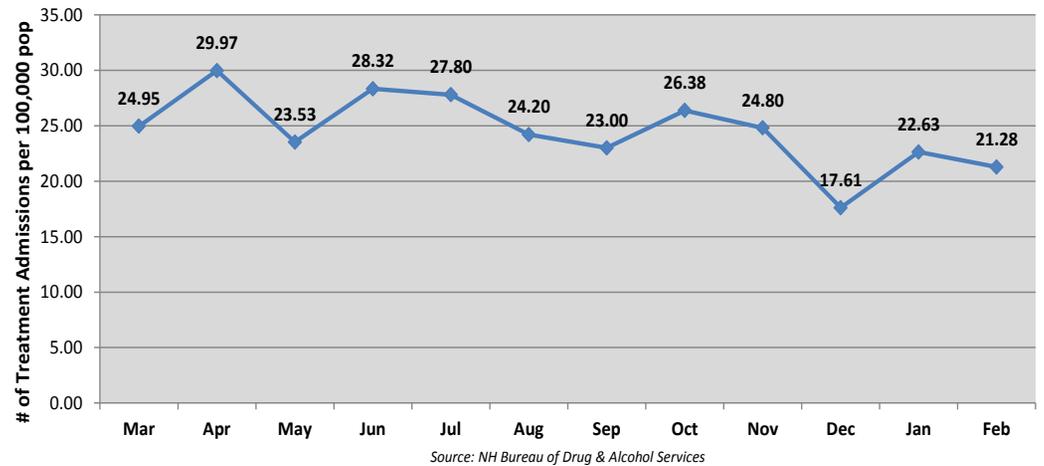
Trends:

- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions decreased by 6% from January to February.
- In February residents from Strafford County were admitted most often for opioid/opiate treatment per capita with 1.91 admissions per 10,000 population.
- More males than females were admitted to treatment programs in February for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions increased by 74% from January to February.
- Cocaine/Crack treatment admissions decreased by 9.6% from January to February.
- Heroin/Fentanyl treatment admissions decreased by 11.5% from January to February.

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

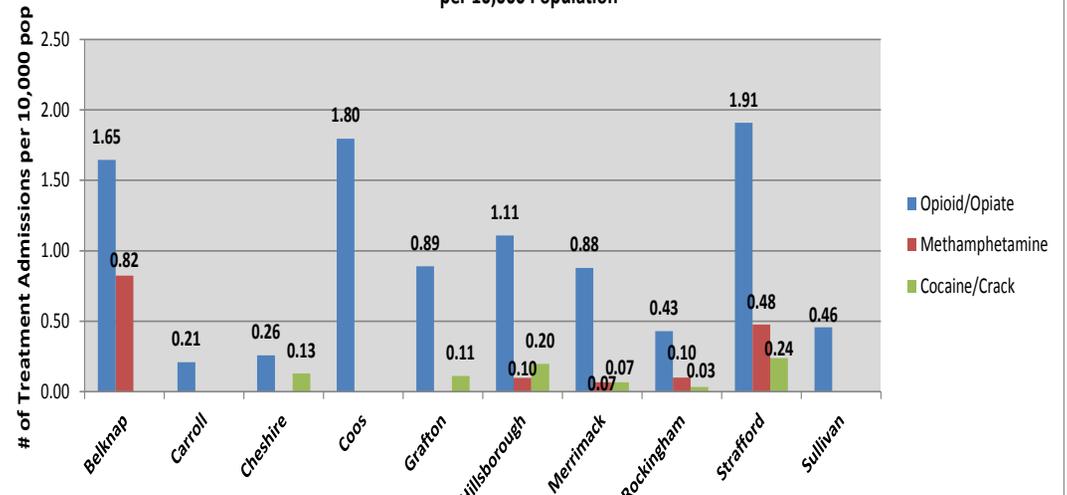
- County represents where the patient resides.
- These data represent treatment admissions to state funded facilities.

Opioid/Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by Month per 100,000 Population
March 2017- February 2018



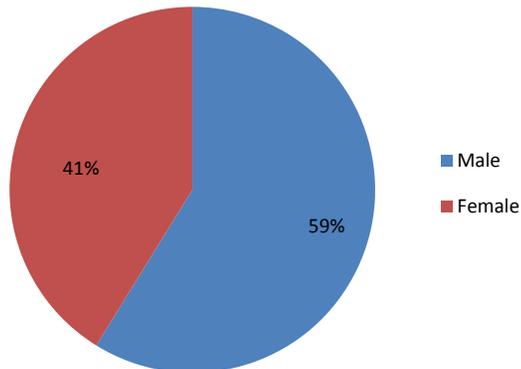
Source: NH Bureau of Drug & Alcohol Services

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



Source: NH Bureau of Drug & Alcohol Services

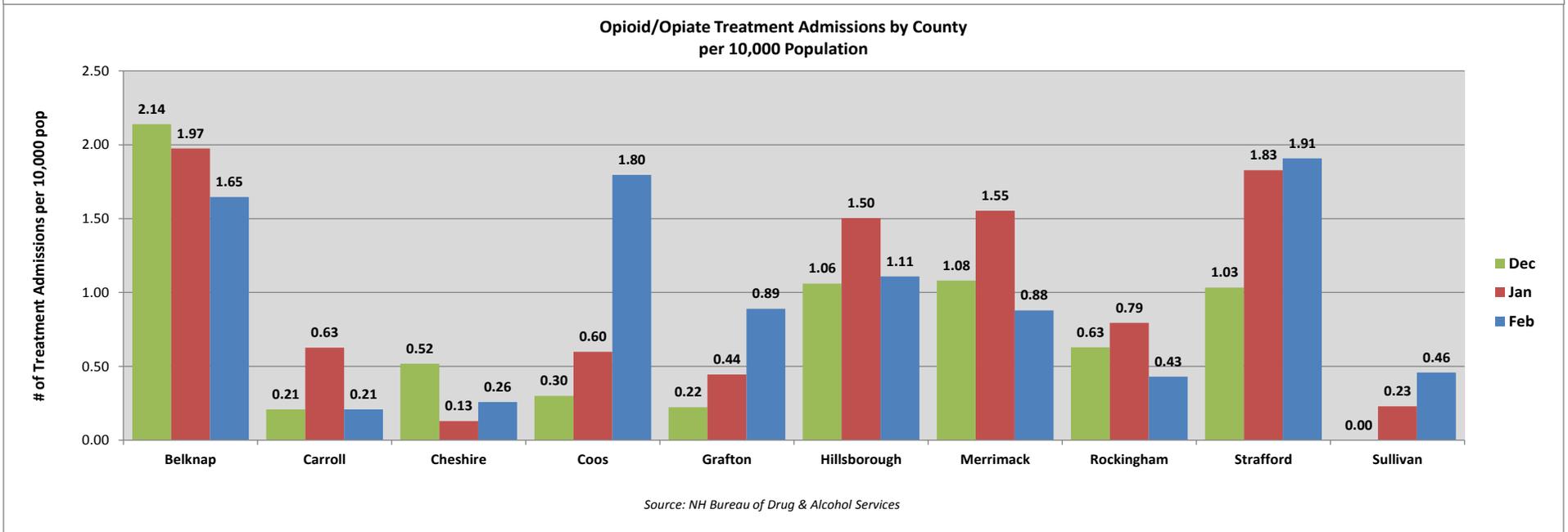
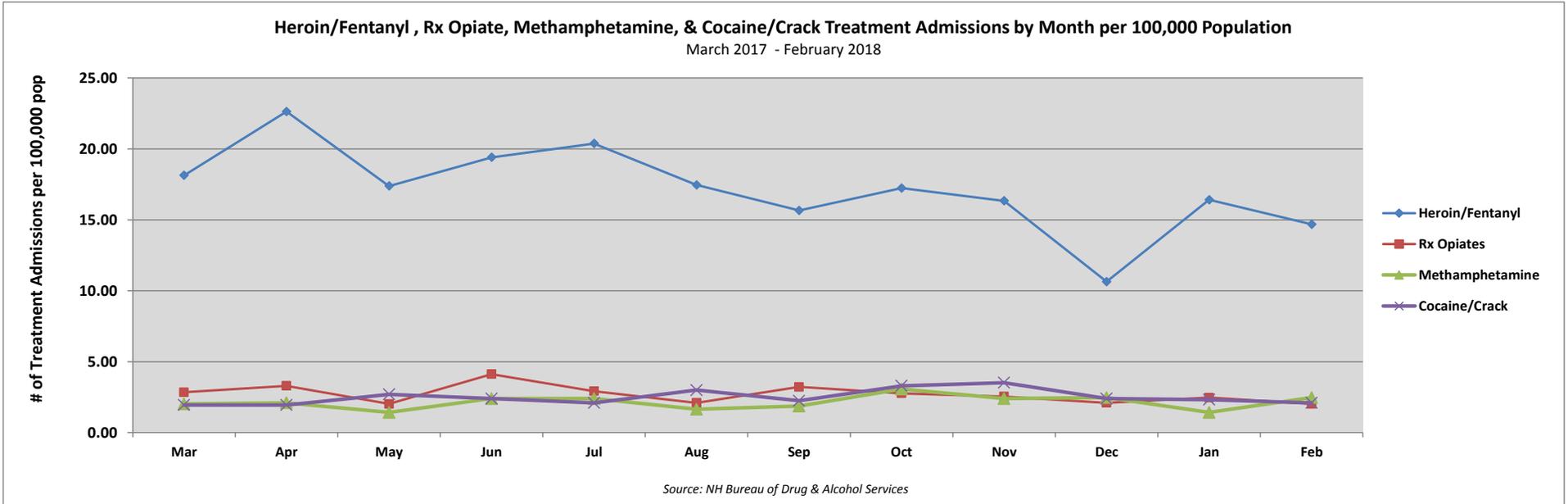
February Treatment Admissions by Gender



Source: NH Bureau of Drug & Alcohol

Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services



Situational Awareness:



NEW HAMPSHIRE SAFE STATIONS

Manchester Safe Station Began 5/4/2016

Manchester

Nashua

Nashua Gateway to Recovery Began 11/17/2016

As of 3/16/2018

As of 3/16/2018

	Q1 2018	Total	Q1 2018	Total
Number of requests at MFD/NFR for Safe Station:	299	3220	261	1580
Number of participants transported to hospitals:	114	738	16	147
Number of participants taken to Substance Misuse Treatment Facilities:	184	2469	244	1409
Average length of time company "Not Available":	14.4 Min	16.3 Min	9.9 Min	11 Min
Number of UNIQUE participants:	93	1684	76	724
Number of REPEAT participants:	144	1266	145	823
Number of unique participants seen in both City's SafeStation Program	281			

National Heroin Coordination Group Statement on Naloxone Effectiveness

The National Heroin Coordination Group in collaboration with the National Institute on Drug Abuse and Health and Human Services addresses naloxone effectiveness with overdoses involving fentanyl and its analogues. Ultimately, naloxone is indicated for opioid overdoses regardless of the substance used and EMS services should be called.

- Fentanyl and its analogues, including acrylfentanyl, are synthetic opioids that bind to and activate the opioid receptors in the brain creating analgesic and euphoric effects.
- Acrylfentanyl is not a new kind of synthetic opioid. Rather, it belongs in the family of fentanyl analogues that are well-known to the medical and law enforcement communities nationwide.
- There have been well-documented cases in which a patient who has overdosed on a synthetic opioid required several administrations of naloxone to reverse the effects of the overdose. However, this is often a function of the dose of naloxone administered as well as time elapsed since the patient took the drug.

Source: For the full article —> OASAS.NY.gov 2017

NH gets \$333,000 For Response to Opioid Epidemic

The money is from the Substance Abuse and Mental Health Service Administration. It will allow the state to further its goal to expand access to treatment services and support for people in recovery.

Funds will be directed to programs such as Safe Stations in Manchester and Nashua, which were born out of a collaborative effort between local fire departments, treatment providers and key stakeholders working to address the opioid crisis.

The program provides access to substance use screening, clinical evaluation, rapid referral to services and interim care and stabilization.

Source: www.wmur.com 3/21/2018

Substance Abuse Treatment/Recovery Directory:*State funded treatment facilities in NH (NOT a complete list) - Data Source: NH Department of Health and Human Services***BERLIN****Tri-County Community Action Programs Inc.**

30 Exchange Street
Berlin, NH 03570

CANAAN**HALO Educational Systems**

44 Roberts Road
Canaan, NH 03741

CONCORD**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

DOVER**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

GILFORD**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

HAVERHILL**Grafton County House of Corrections**

Dartmouth College Road
Haverhill, NH 03765

LEBANON**Headrest**

12 Church Street
PO Box 247
Lebanon, NH 03766
Hotline: 603-448-4400 or 800-639-6095
Phone: 603-448-4872

MANCHESTER**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

Manchester Alcoholism and Rehabilitation Center

(Intensive Outpatient 18 years and older and Outpatient Services.)
555 Auburn Street
Manchester, NH 03101
Phone: 603-263-6287

National Council on Alcoholism and Drug Dependence—Greater Manchester

101 Manchester St.
Manchester, NH 03101

NASHUA**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

The Youth Council

(Outpatient for Adolescents and Families.)
112 W. Pearl Street
Nashua, NH 03060
Phone: 603-889-1090

PORTSMOUTH**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

SOMERSWORTH**Goodwin Community Health Center**

311 NH-108
Somersworth, NH 03878

Phoenix Houses of New England

Locations in: Dublin, Keene, Northfield

A full list of Substance Abuse and Treatment Facilities can be found [here](#).

A treatment locator can be found [here](#).