



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 #: 2019-3663

February 2019 Report

29 March 2019

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

<u>Section Title</u>	<u>Table of Contents:</u>	<u>Page #</u>
Overview	_____	2
Drug Overdose Deaths	_____	3
Drug Overdose Deaths Map	_____	5
EMS Narcan Administration	_____	6
EMS Narcan Administration Map	_____	8
Opioid Related Emergency Department Visits	_____	9
Treatment Admissions	_____	11
Situational Awareness	_____	13
Substance Abuse Treatment/Recovery Directory	_____	14

Previous versions of the Drug Environment Report can be found at: <https://www.dhhs.nh.gov/dcbcs/bdas/data.htm>

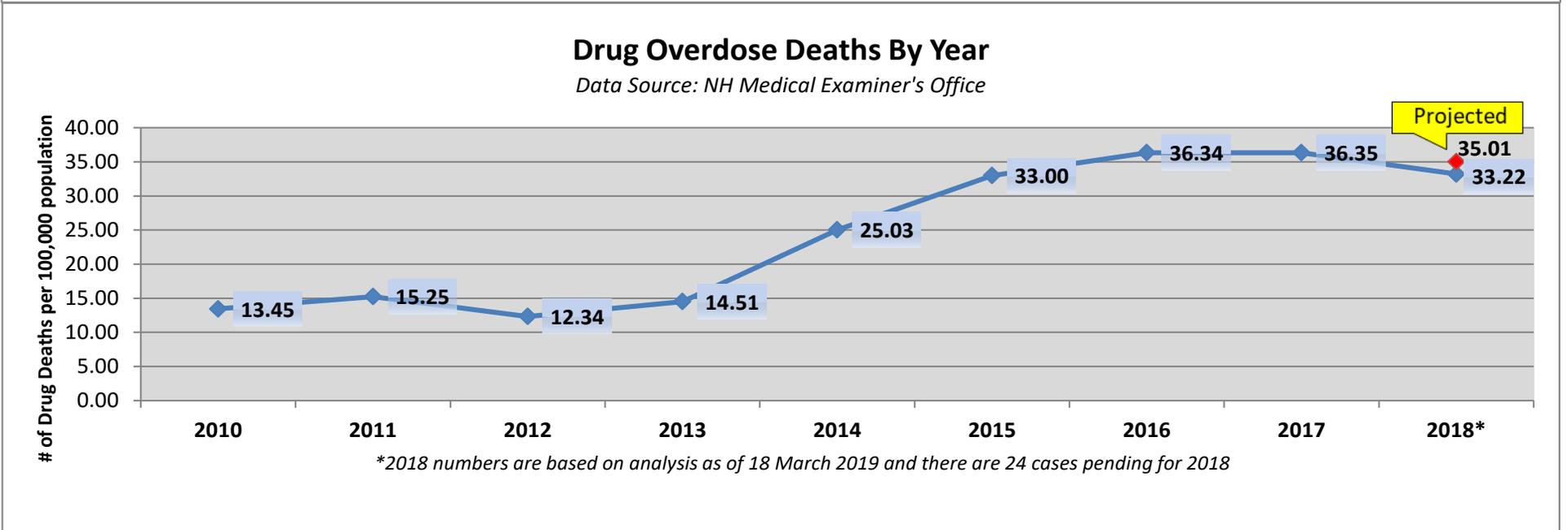
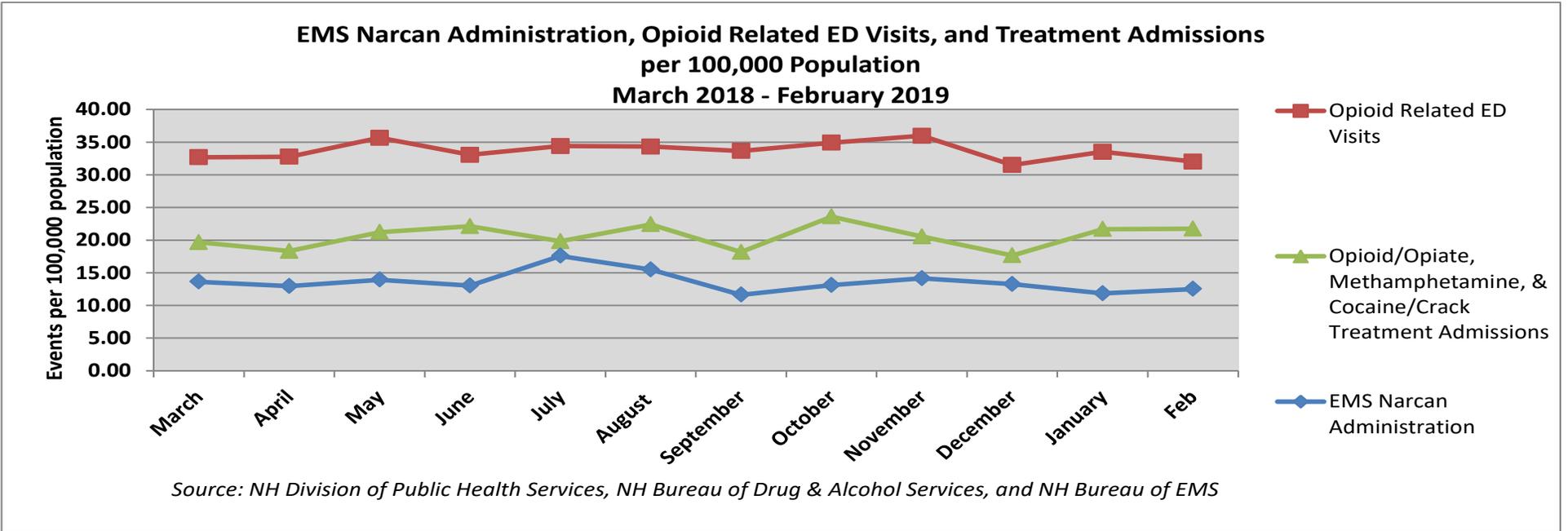
The monthly online DMI viewer can be found at: <https://nhvieww.nh.gov/IAC/DMI/>

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

- Year/month overview charts are based on annual estimates from the above website. County charts are based on a 2017 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:



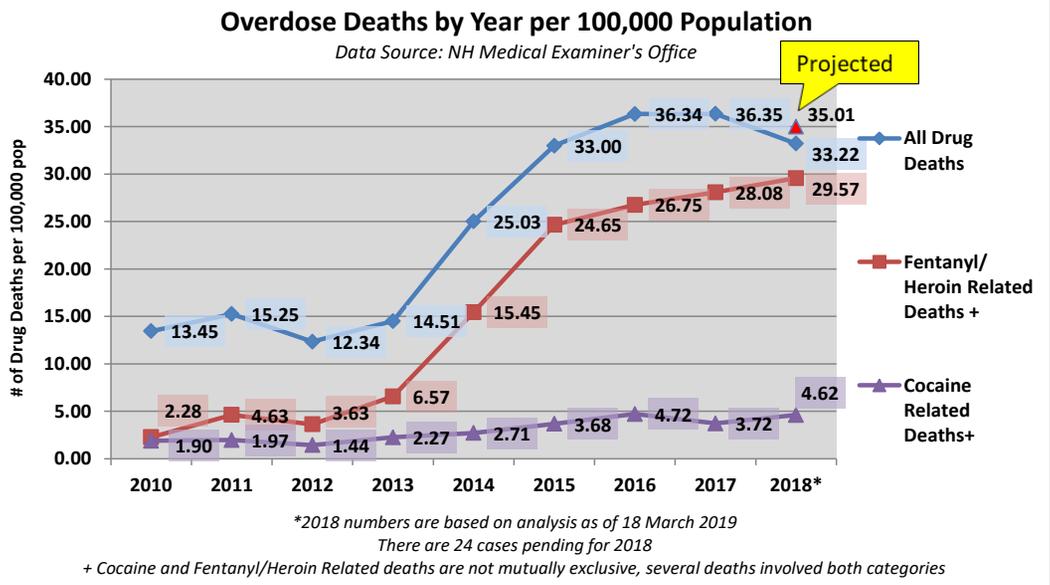
Drug Overdose Deaths:

Data Source: NH Medical Examiner's Office

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

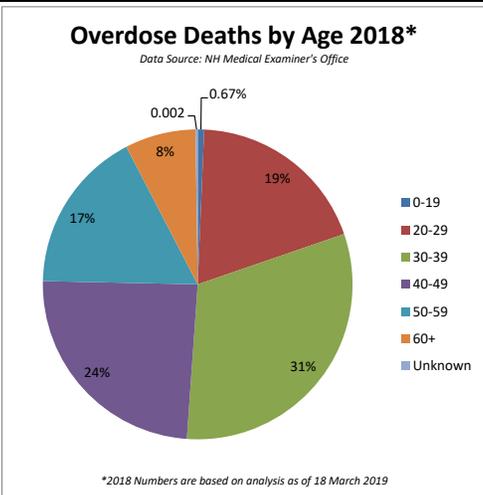
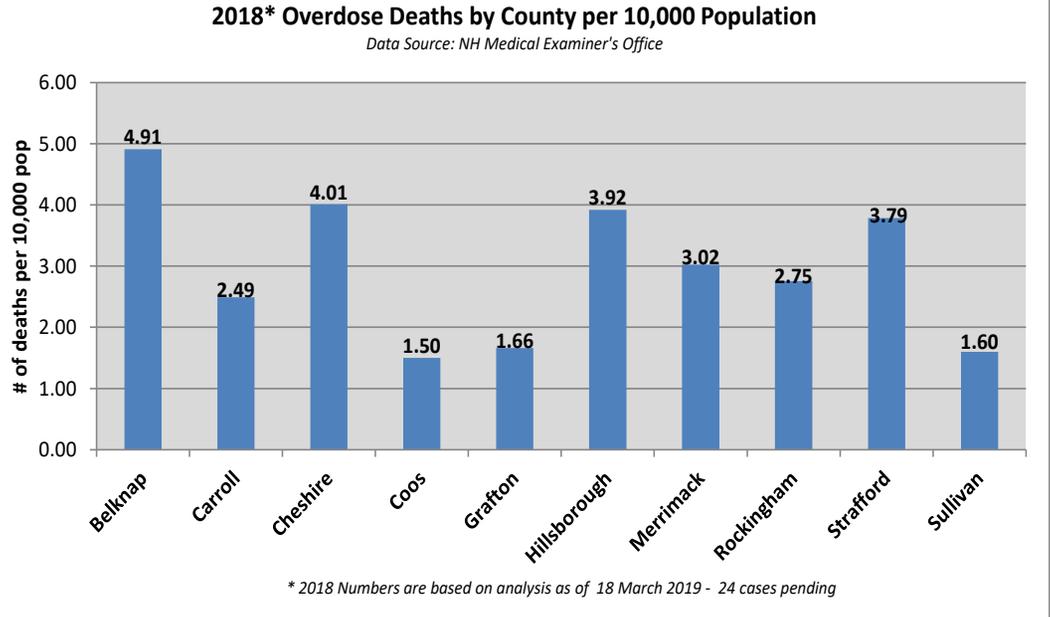
Trends:

- As of 18 March 2019, there are 446 total, confirmed drug overdose deaths and 24 cases pending toxicology for 2018. For 2019, there are 19 confirmed drug overdose deaths and 72 cases pending toxicology.
- The Office of the Chief Medical Examiner has increased its projection from 464 to 470 drug overdose deaths for 2018.
- For 2018 thus far, Belknap County has the highest suspected drug use resulting in overdose deaths per capita at 4.91 deaths per 10,000 population, while Cheshire County has the second highest with 4.01 deaths per 10,000 population.
- The age group with the largest number of drug overdose deaths is 30-39 years, which represents 31% of all overdose deaths for 2018.



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

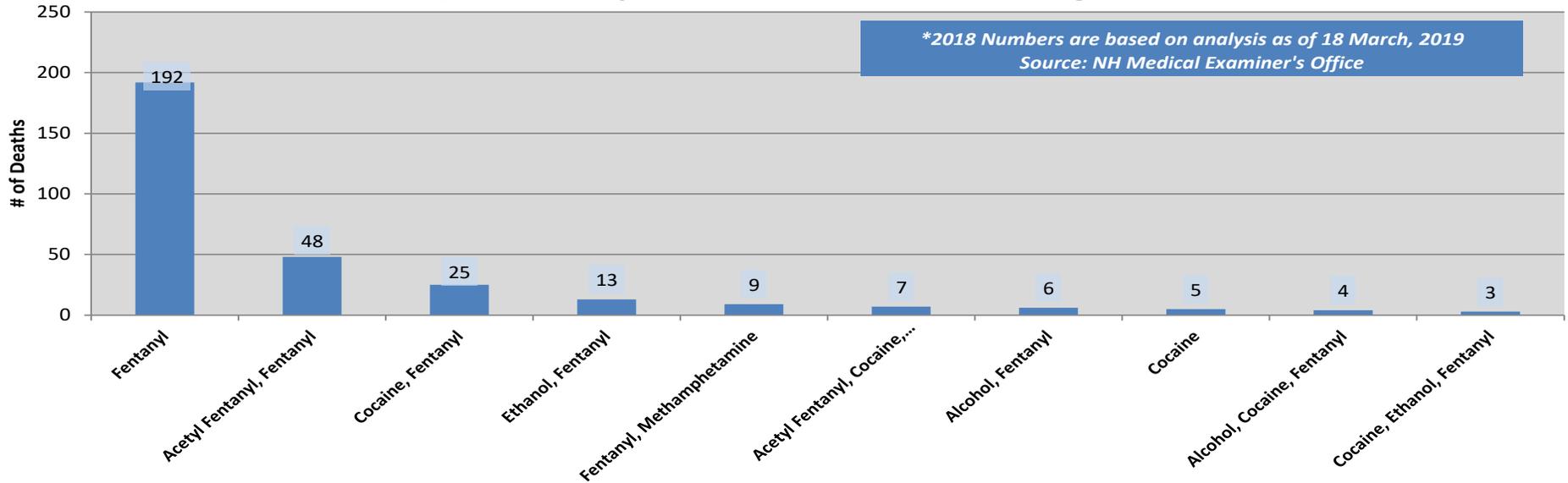
- 2018 Numbers are based on analysis as of 18 March 2019.
- Analysis is based on county where the drug (s) is suspected to have been used.



Drug Overdose Deaths (Continued):

Data Source: NH Medical Examiner's Office

Cocaine and/or Fentanyl Combination Related Drug Deaths 2018*



Cocaine and/or Fentanyl Combination Related Drug Deaths that were noted once or twice*

Acetyl Fentanyl, Diazepam, Ethanol, Fentanyl	Acetyl Fentanyl, Ethanol, Fentanyl	Alcohol, Chlorpheniramine, Fentanyl	Alprazolam, Fentanyl, Hydrocodone	Buprenorphine, Diphenhydramine, Fentanyl	Cocaine, Diphenhydramine, Ethanol	Fentanyl, Ketamine
Alprazolam, Fentanyl	Acetyl Fentanyl, Ethanol, Fentanyl, Ketamine, MDMA	Alcohol, Fentanyl, Heroin, Oxycodone, Sertraline	Amitriptyline, Clonazepam, Diazepam, Fentanyl	Bupropion, Diazepam, Ethanol, Fentanyl	Cocaine, Duloxetine, Fentanyl	Fentanyl, MDMA, Methamphetamine
Cocaine, Fentanyl, Hydroxyzine	Acetyl Fentanyl, Ethanol, Fentanyl, Oxycodone	Alcohol, Fentanyl, Quetiapine, Sertraline	Amitriptyline, Cocaine, Diphenhydramine	Bupropion, Fentanyl, Olanzapine	Cocaine, Fentanyl, Methamphetamine	Fentanyl, Methamphetamine, Methylendioxyamphetamine
Fentanyl, Methadone	Acetyl Fentanyl, Fentanyl, Heroin	Alprazolam, Amphetamines, Clonazepam, Cocaine, Ethanol, Fentanyl	Amphetamines, Buprenorphine, Fentanyl, Hydroxyzine, Methamphetamine, Trazodone	Clonazepam, Cocaine, Fentanyl, Phenobarbital	Cocaine, Morphine	Fentanyl, Mitragnine
Acetyl Fentanyl, Fentanyl, Mitragnine	Acetyl Fentanyl, Fentanyl, Methadone	Alprazolam, Amphetamines, Cocaine, Fentanyl, Morphine	Amphetamines, Fentanyl	Clonazepam, Fentanyl	Diazepam, Ethanol, Fentanyl	Fentanyl, Morphine
Clonazepam, Cocaine, Fentanyl	Acetyl Fentanyl, Fentanyl, Methamphetamine	Alprazolam, Buprenorphine, Fentanyl, Lorazepam, Oxycodone	Amphetamines, Fentanyl, Hydromorphone	Cocaine, Cyclobenzaprine, Fentanyl	Acetyl Fentanyl, Amphetamines, Fentanyl, Methadone	
Acetyl Fentanyl, Amphetamines, Clonazepam, Fentanyl	Alcohol, Amphetamines, Fentanyl	Alprazolam, Cocaine, Fentanyl	Aripirazole, Fentanyl, Quetiapine	Cocaine, Diazepam, Fentanyl	Duloxetine, Ethanol, Fentanyl, Hydromorphone	
4-ANPP, Fentanyl, Valeryl Fentanyl	Ethanol, Fentanyl, Oxycodone	Alprazolam, Fentanyl, Heroin	Buprenorphine, Cocaine	Cocaine, Diazepam, Oxazepam	Duloxetine, Fentanyl, Valeryl Fentanyl	
Diazepam, Fentanyl, Methamphetamine	Clonazepam, Fentanyl, Lamotrigine, Loperamide, Meprobamate	Fentanyl, Benzodiazepines	Cocaine, Ethanol, Morphine, Oxycodone	4-ANPP, Acetyl Fentanyl, Fentanyl, Parafluoroisobutyrylfentanyl	Fentanyl, Oxycodone	

*Cells filled with gray indicate combinations noted twice

Overdose Deaths by Town* - 2018 + (Data Source: NH Medical Examiner's Office)

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

+2018 data was reported on March 18, 2019
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.
24 cases pending



Prepared by:
NH Information & Analysis Center

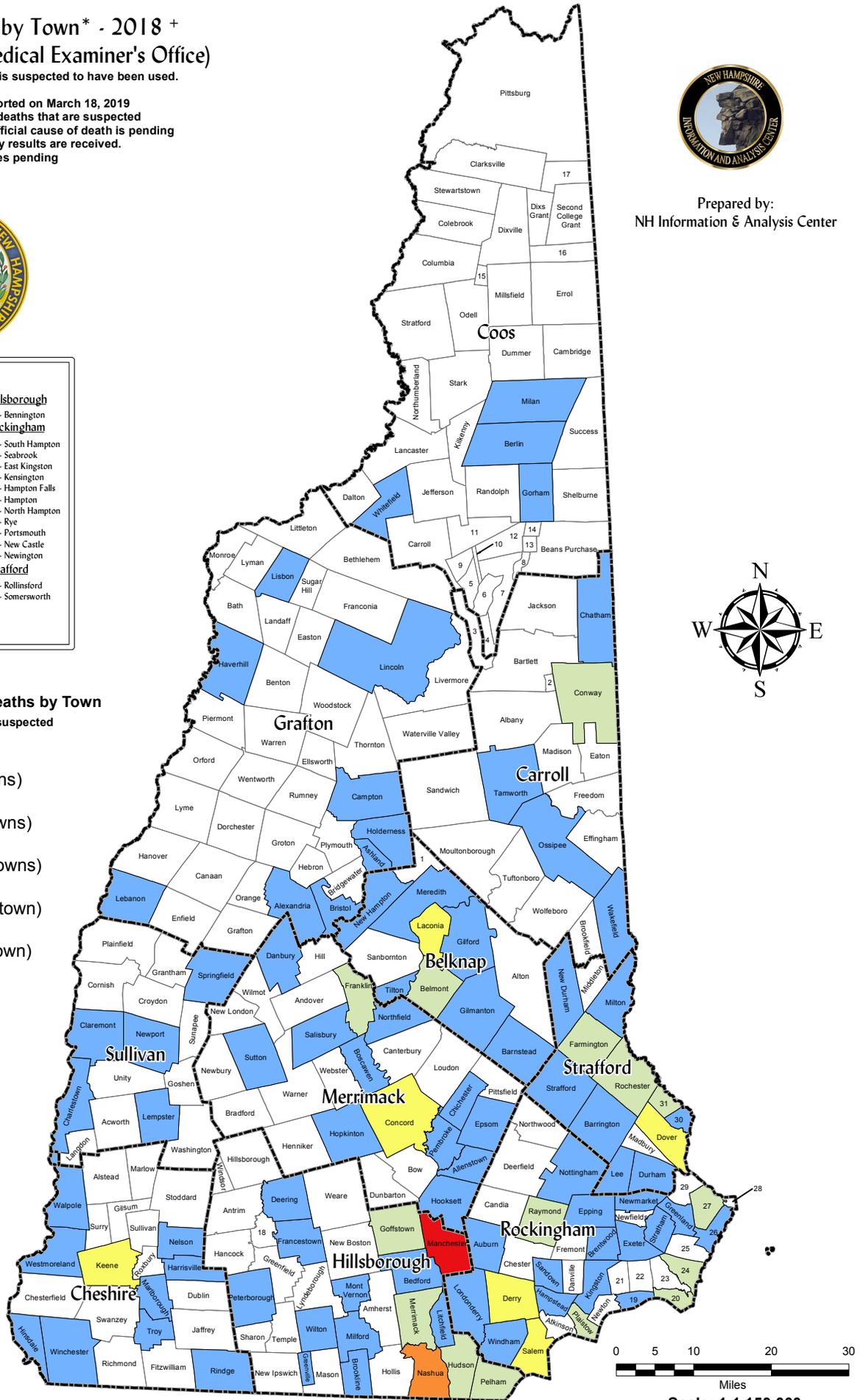


INDEX

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 - 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 - Crawford's Purchase	27 - Portsmouth
10 - Chandlers Purchase	28 - New Castle
11 - Low & Burbanks Grant	29 - Newington
12 - Thompson & Meserves 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.



EMS Narcan Administration:

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

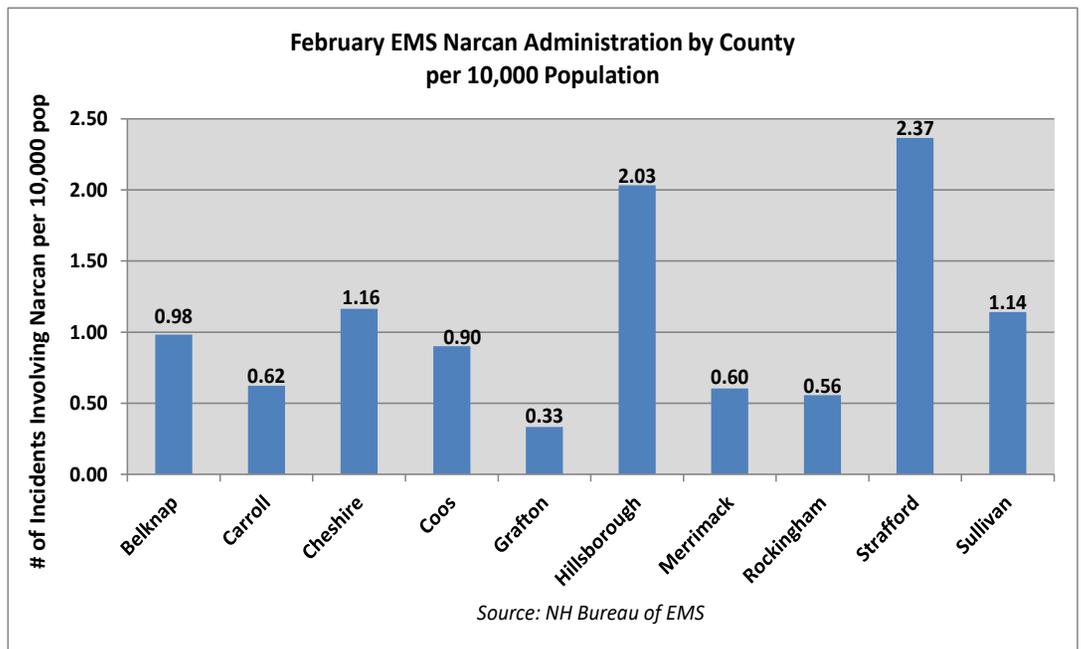
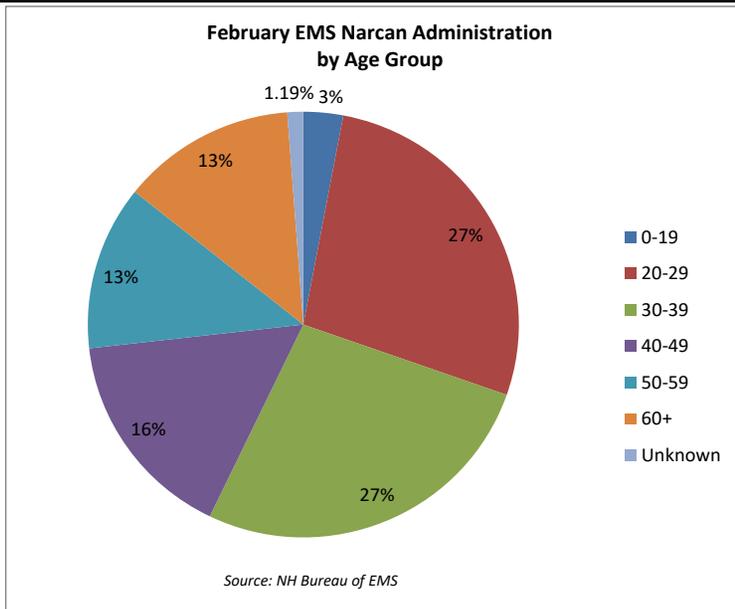
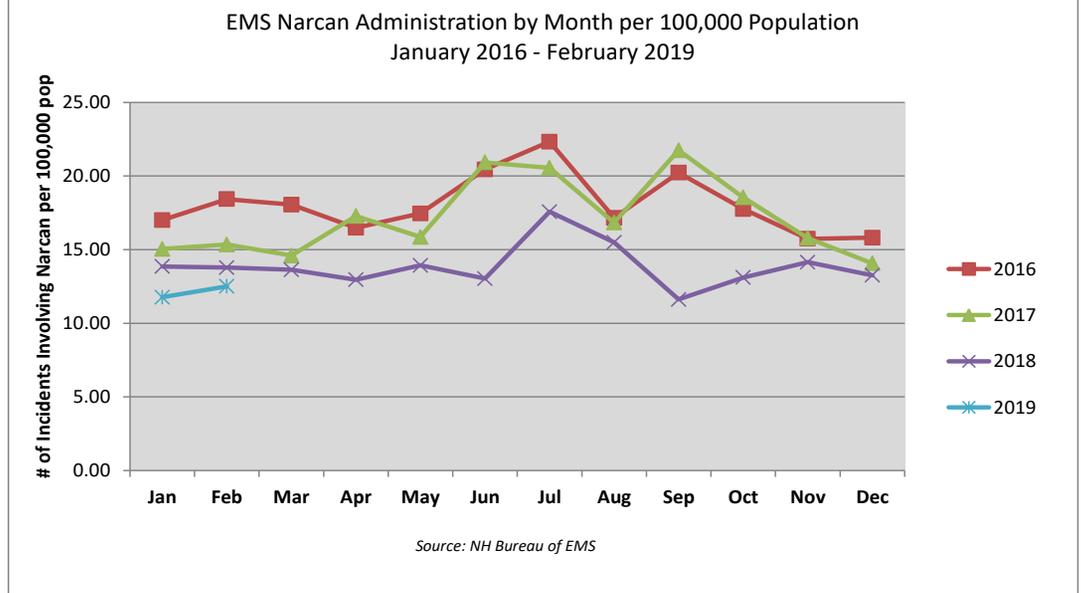
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- EMS Narcan administration incidents increased 6% from January to February.
- In February, Strafford County had the most EMS Narcan administration incidents per capita with 2.37 incidents per 10,000 population, followed by Hillsborough County with 2.03 incidents per 10,000 population.
- The age group with the largest number of EMS Narcan administration incidents was tied between 20-29 and 30-39, representing 27% of all EMS Narcan administrations incidents for February.

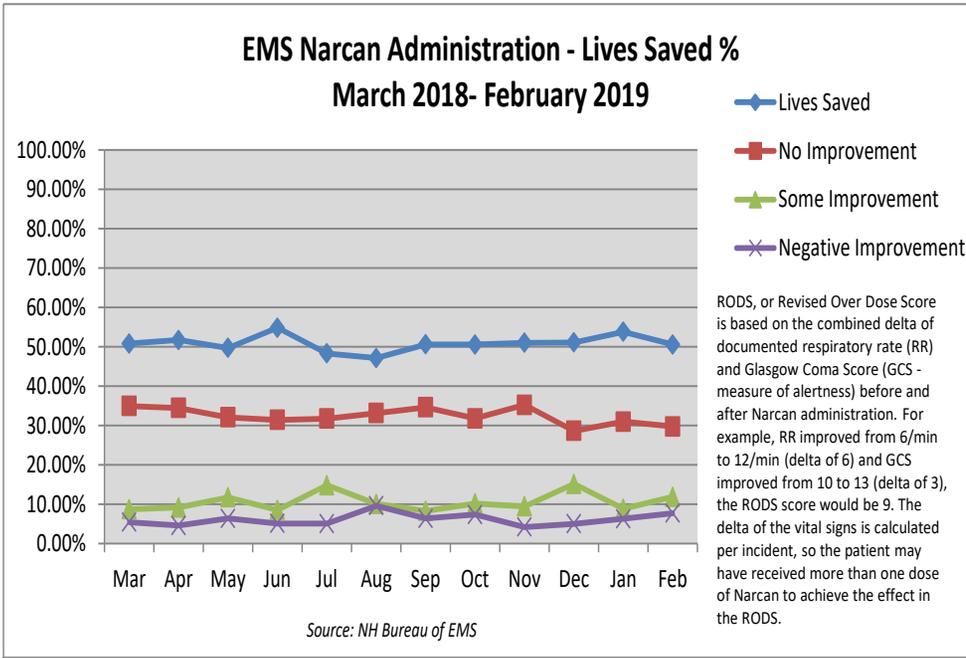
***** IMPORTANT DATA NOTES *****

- 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 may be given for a decrease in alertness or respirations due to an overdose or unknown cause. Therefore, it cannot be concluded that all reported Narcan incidents actually involved drugs.



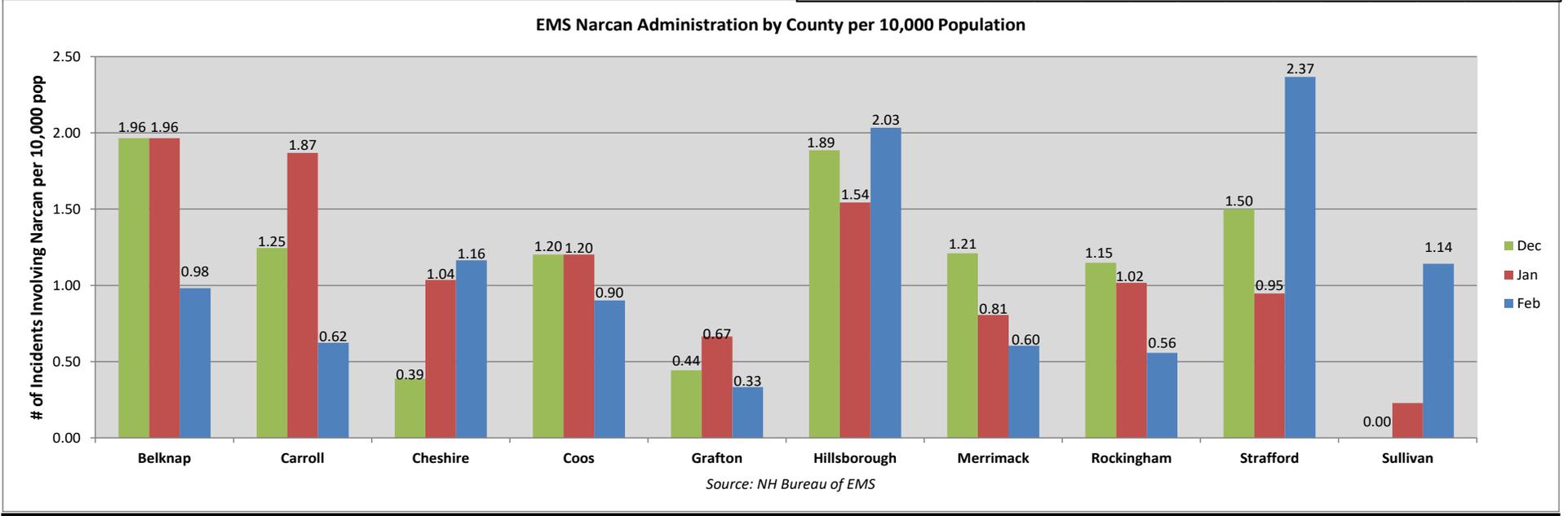
EMS Narcan Administration (Continued):

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



EMS Narcan Administration - Lives Saved												
	2018										2019	
Source: NH Bureau of EMS	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
RODS Outcome												
Lives Saved RODS Score of 8+	93	90	93	96	114	98	79	89	97	91	85	85
Some Improvement RODS Score of 1-7	16	16	22	15	35	21	13	18	18	27	14	20
No Improvement RODS Score of 0	64	60	60	55	75	69	54	56	67	51	49	50
Negative Improvement Negative RODS Score	10	8	12	9	12	20	10	13	8	9	10	13
Total	183	174	187	175	236	208	156	176	190	178	158	168

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 10-13 (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

3/1/2018 - 2/28/2019

Data Source: New Hampshire Bureau of EMS

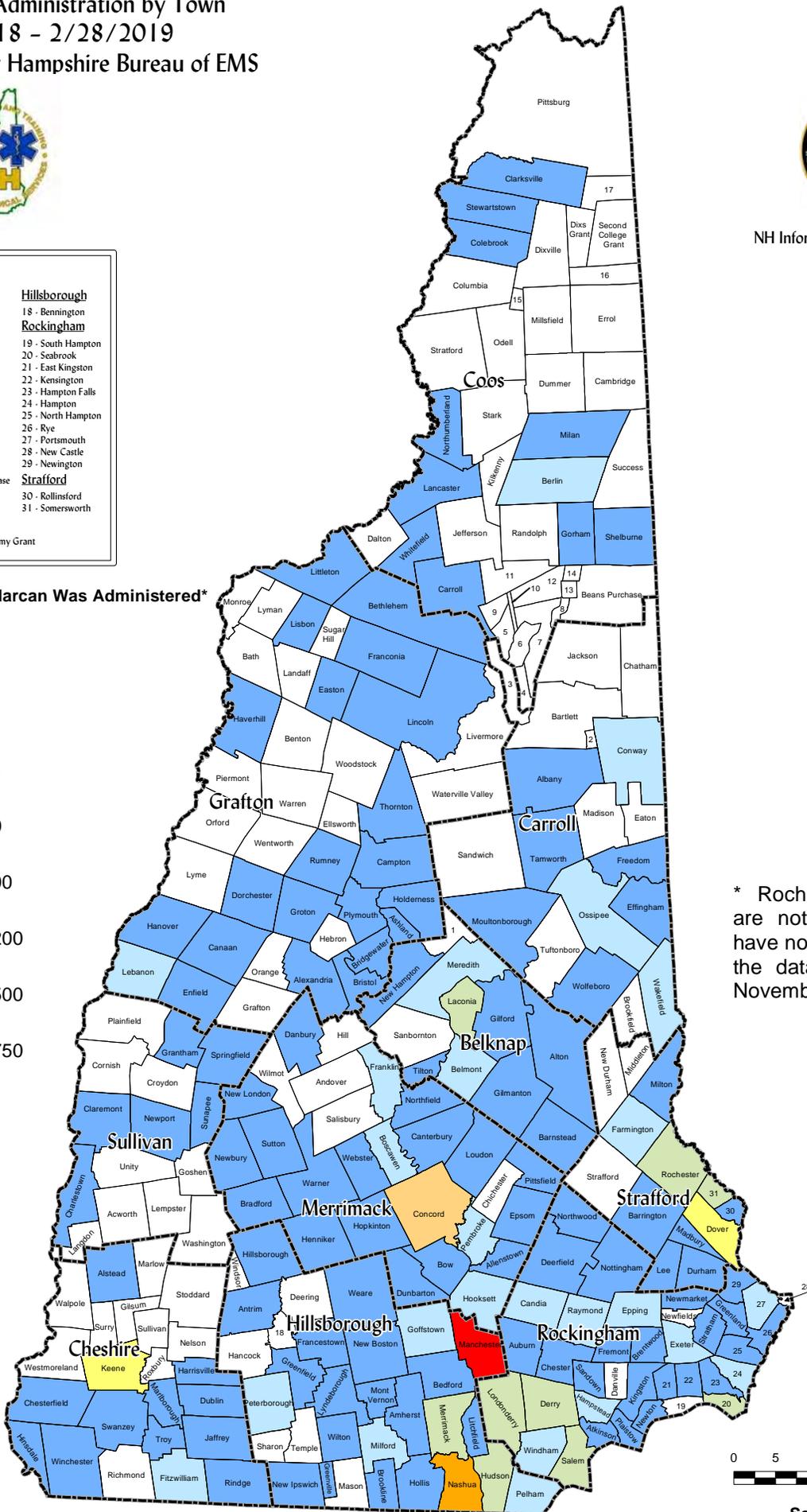
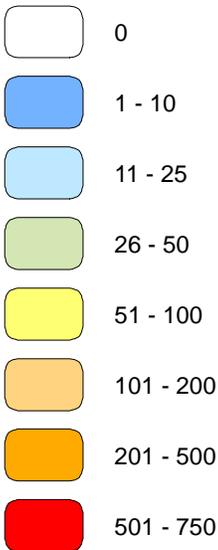


Prepared by:
NH Information & Analysis Center

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 - 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 - Rollinsford
14 - Martins Location	31 - Somersworth
15 - Ervings Grant	
16 - Wentworth Location	
17 - Atkinson & Gilman Academy Grant	

Incidents Where Narcan Was Administered



* Rochester totals for 2018 are not complete as runs have not been uploaded into the database since May - November.



Scale: 1:1,150,000

Opioid Related Emergency Department Visits:

Data Source: NH Division of Public Health Services

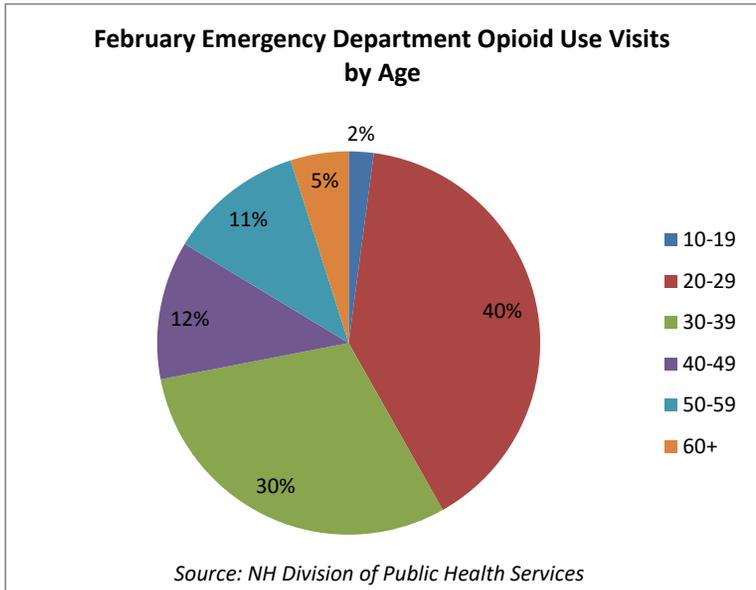
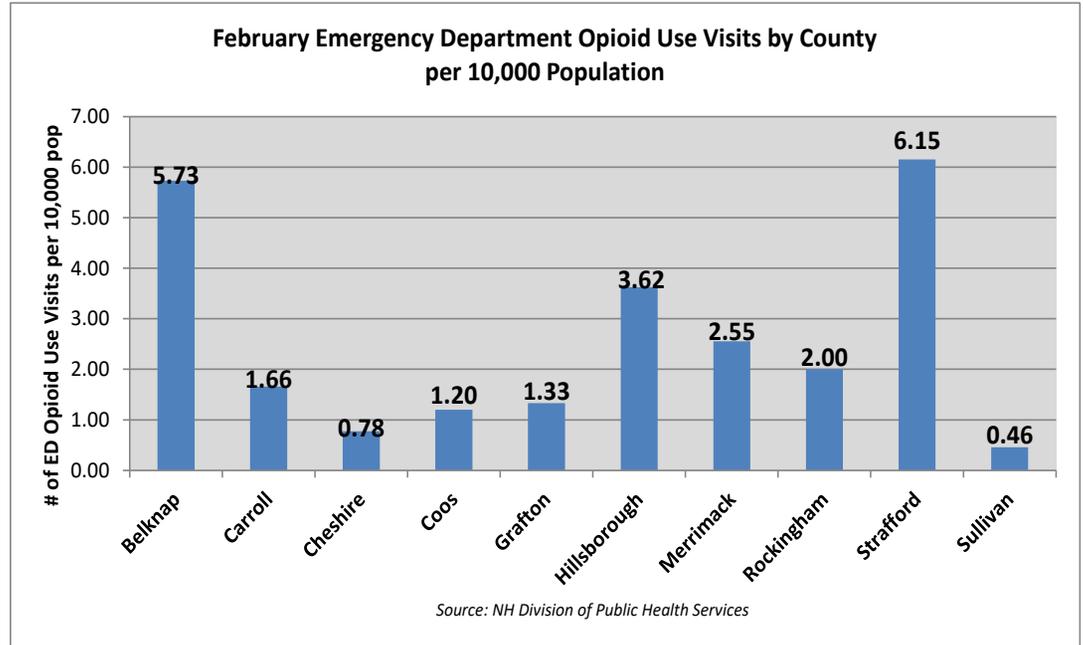
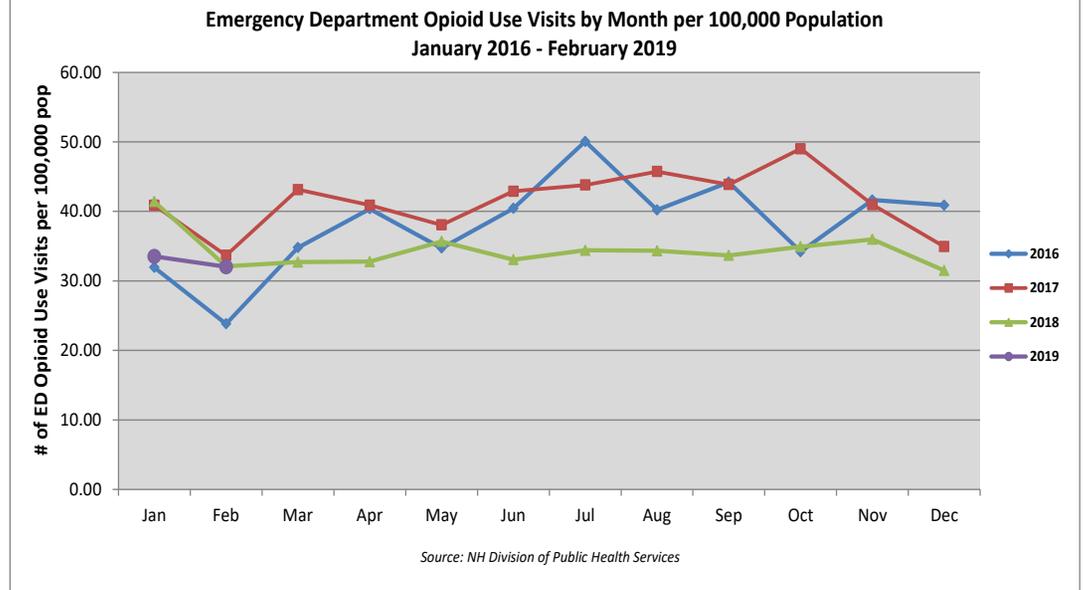
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- Opioid related ED visits decreased by 4% from January to February.
- In February, residents from Strafford County had the most opioid related ED visits per capita with 6.15 visits per 10,000 population.
- Belknap County residents had the second highest number of opioid related ED visits per capita with 5.73 visits per 10,000 population.
- In February, the age group with the largest number of opioid related ED visits was 20-29 year olds, with 40%.

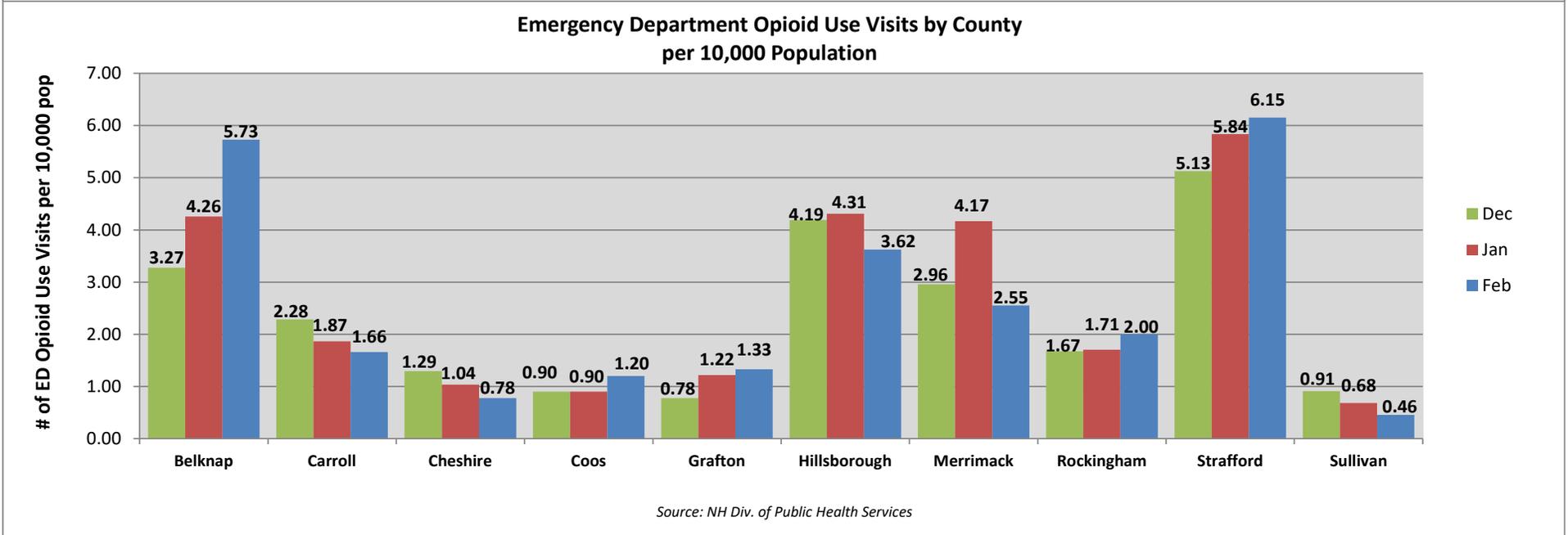
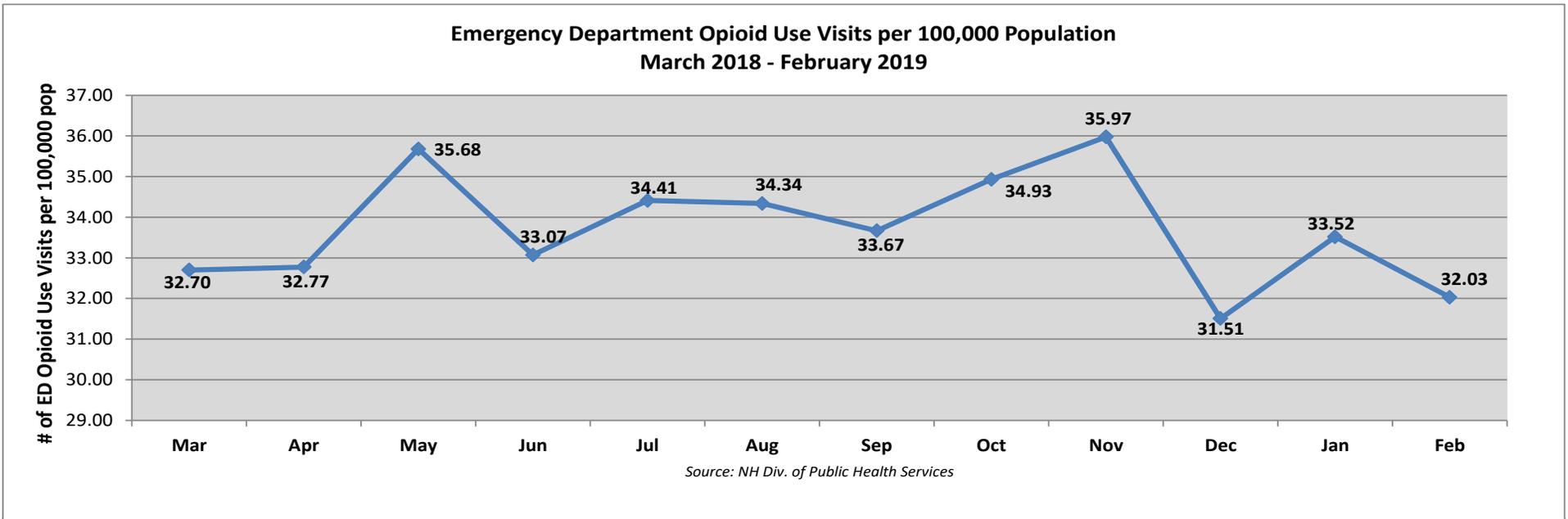
***** IMPORTANT DATA NOTES *****

- 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 (3)** 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



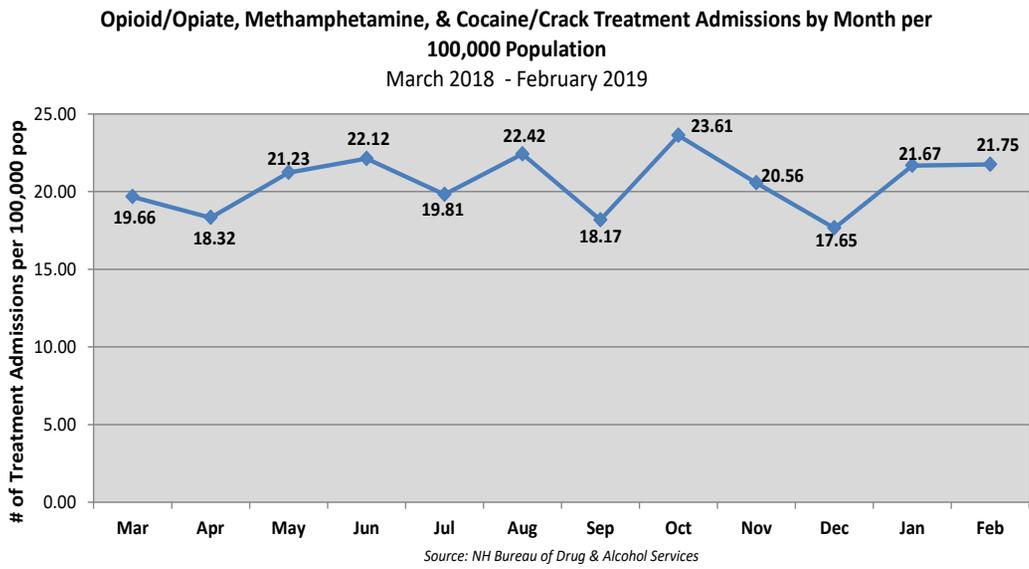
Treatment Admissions:

Data Source: NH Bureau of Drug & Alcohol Services

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

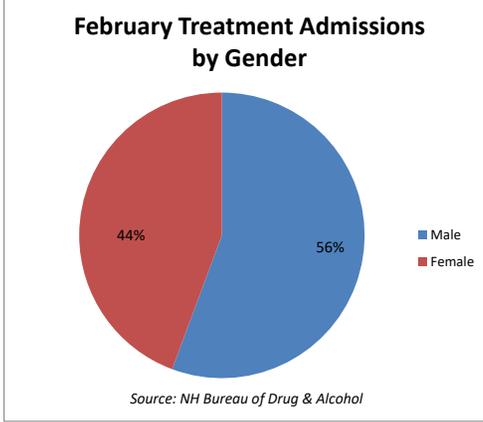
Trends:

- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions barely registered a change from January to February; an increase of 0.3%.
- In February, residents from Hillsborough County were admitted most often for opioid/opiate treatment per capita with 1.59, followed by Merrimack County with 1.28 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 decreased by 6% from January to February.
- Cocaine/Crack treatment admissions increased by 6% January to February.
- Heroin/Fentanyl treatment admissions increased by 1% from January to February.

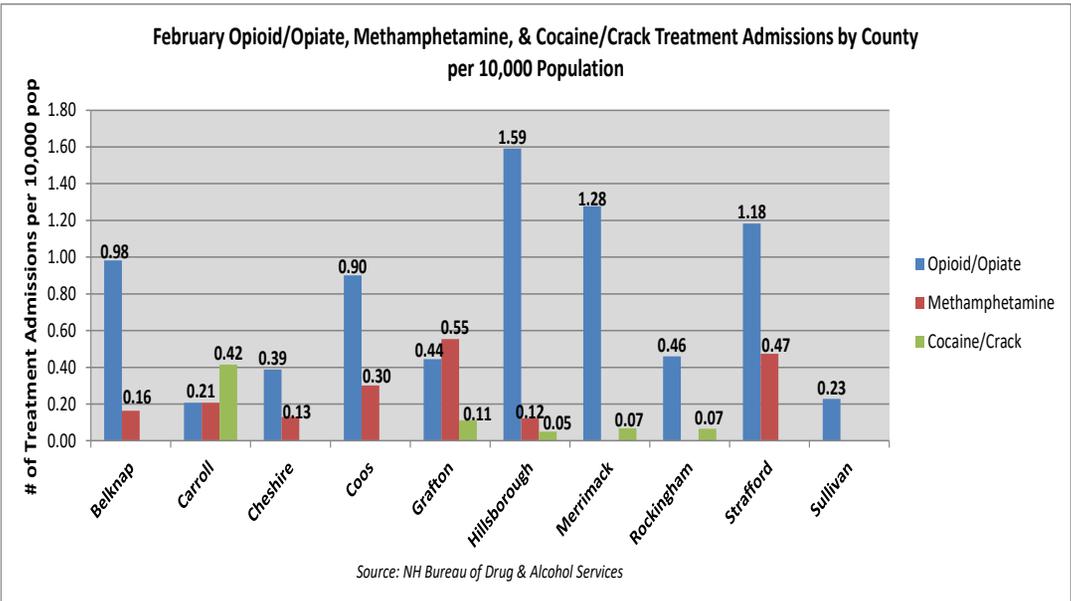


*** IMPORTANT DATA NOTES ***

- County represents where the patient resides.
- These data represent treatment admissions to state funded facilities.
- These data have decreased due to numerous factors. The Affordable Care Act has been fully implemented, resulting in increased access to affordable health insurance and coverage for substance use disorder treatment in NH. New Hampshire

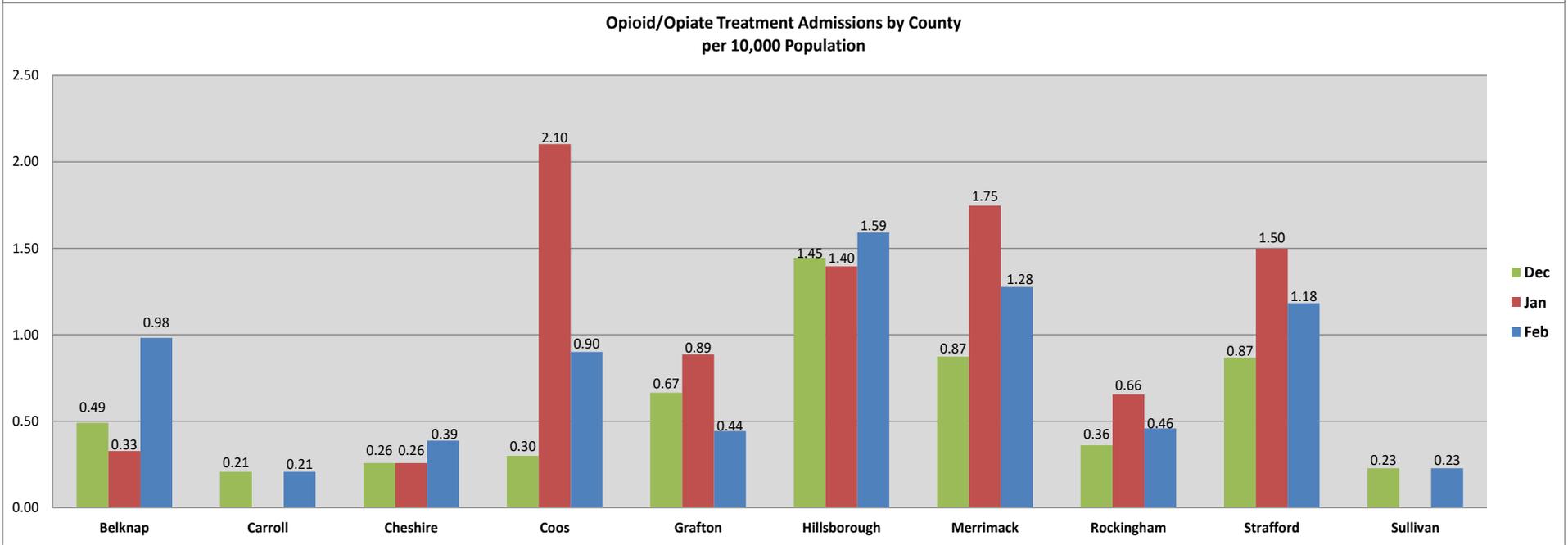
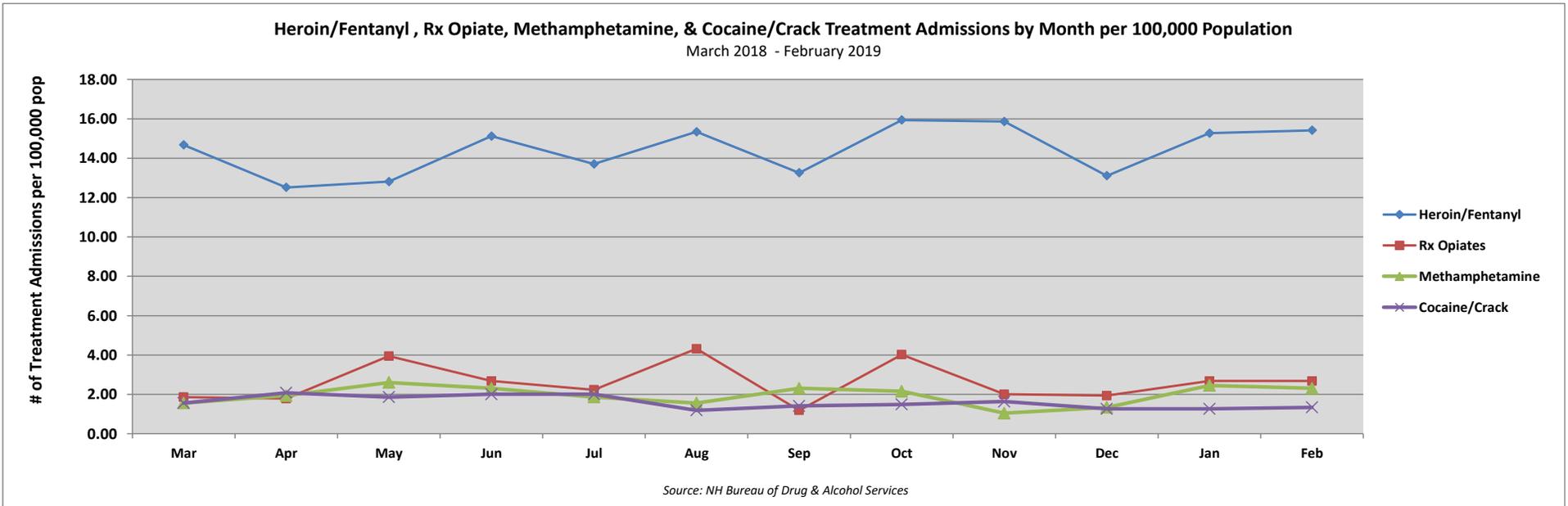


expanded its Medicaid program, which also provided increased opportunities for substance use disorder treatment in the state. Substance use disorder treatment in the state has increased sharply in response to these policies which has shifted clients served by State of New Hampshire contracted treatment providers to other payment models and facilities.



Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services



Situational Awareness:



Manchester Mayor, Alderman Vote to Support Safe Station Program

MANCHESTER, N.H. — A Manchester alderman had a change of heart Tuesday night about the city’s Safe Station program. Just a few days ago, Joe Kelly Levasseur suggested the program, which offers 24-hour access to help getting into drug recovery programs at any Manchester firehouse, be cut.

“I didn't get it my first try,” Jonathan Eagan said. “I didn't get it my second. I got it about three times in, and the Safe Station was there for me every single time.” “I myself have been through a treatment center twice,” another man said. “The first time, obviously, it did not work. The second time – I’m two months sober and I have a lot of hope.”

“We can't take away a safe place for people to go,” another man named Robert said. “It just doesn't make sense.” Levasseur had posted on social media saying he wanted to get rid of Safe Stations after learning less than half of the more than 5,000 helped in nearly three years are non-Manchester residents. But at City Hall, he instead voted to support the program, saying the state’s new “hub and spoke” model would disperse care across the state, and he thanked the health experts and members of the recovery community who shared their success stories.

Source: www.wmur.com 3/19/2019

NEW HAMPSHIRE SAFE STATIONS

Manchester Safe Station Began 5/4/2016

Manchester

Nashua

Nashua Gateway to Recovery Began 11/17/2016

As of 3/14/2019

As of 3/14/2019

	Q1 2019	Total	Q1 2019	Total
Number of requests at MFD/NFR for Safe Station:	435	5,271	219	2,780
Number of participants transported to hospitals:	78	1,198	40	313
Number of participants taken to Substance Misuse Treatment Facilities:	344	4,048	179	2,442
Average length of time company “Not Available”:	10.5 Min	14.7 Min	9.6 Min	10.2 Min
Number of UNIQUE participants:	360	3,131	179	1,567
Number of REPEAT participants:	241	2,326	131	1,527
Number of unique participants seen in both City’s Safe Station Program	478			

New Hampshire Gets Nearly \$12 Million to Fight Opioid Epidemic

CONCORD, N.H. — New Hampshire’s congressional delegation and Gov. Chris Sununu are welcoming nearly \$12 million in additional funding to fight the opioid epidemic. The Substance Abuse and Mental Health Services Administration announced the funding Wednesday.

Sen. Jeanne Shaheen said the resources will help save lives. Sen. Maggie Hassan said she’s pleased the Trump administration heeded calls for additional funding. Rep. Annie Kuster said the funding will help bolster local efforts to expand prevention, treatment, and long-term recovery.

Rep. Chris Pappas said in order to build out the state’s hub and spoke system and expand access to treatment, New Hampshire needs sustained federal funding.

Sununu said he made a strong request for supplemental funding.

Source: www.usnews.com 3/21/2019

Substance Abuse Treatment/Recovery Directory:

State funded treatment facilities in NH (NOT a complete list) - Data Source: NH Department of Health and Human Services

BETHLEHAM

**North Country Health Consortium
(NCHC)/ Friendship House**
262 Cottage Street. Suite 230
Bethlehem, NH
Phone: 603-259-3700

DOVER

**Southeastern NH Alcohol and
Drug Abuse Services**
272 County Farm Road
Dover, NH
Crisis Center: 603-516-8181
Main: 603-516-8160

DUBLIN

**Phoenix House Comprehensive
Addiction Treatment Services**
3 Pierce Rd. Dublin, NH
Phone: 603-563-8501, Option 1

FRANKLIN

**Farnum Center North
Ray House (Women)**
14 Holy Cross Road. Franklin, NH
Phone: 603-263-6287

KEENE

**Phoenix House Comprehensive
Addiction Treatment Services**
106 Roxbury Street. Keene, NH
Phone: 603-358-4041, Option 1

LEBANON

Headrest
14 Church Street
Lebanon, NH
Phone: 603-448-4400

Alice Peck Day Hospital
10 Alice Peck Day Drive
Lebanon, NH
Phone: 603-448-4400

West Central Services, Inc.
9 Hanover Street, Suite 2
Lebanon, NH
Phone: 603-448-0126

MANCHESTER

Dismas Home of NH, Inc. (Women)
102 Fourth Street
Manchester, NH
Phone: 603-782-3004

Families in Transition - New

Horizons
293 Wilson Street
Manchester, NH
Phone: 603-641-9441 ext. 401

Farnum Center

140 Queen City Avenue
Manchester, NH
Phone: 603-622-3020

NASHUA

**Greater Nashua Council on
Alcoholism**
12 & 1/2 Amherst Street
Nashua, NH
Phone: 603-943-7971 Ext. 3

**Greater Nashua Council on
Alcoholism: Keystone Hall**
615 Amherst Street
Nashua, NH
Phone: 603-881-4848

**Greater Nashua Mental Health
Center**

110 West Pearl Street
Nashua, NH
Phone: 603-889-6147

ROCHESTER

Hope on Haven Hill
PO Box 1271
Rochester, NH 03867
Phone: 603-247-2043

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

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