



New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

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NHIAC Product #: 2018-3234

December 2017 Report

31 January 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.

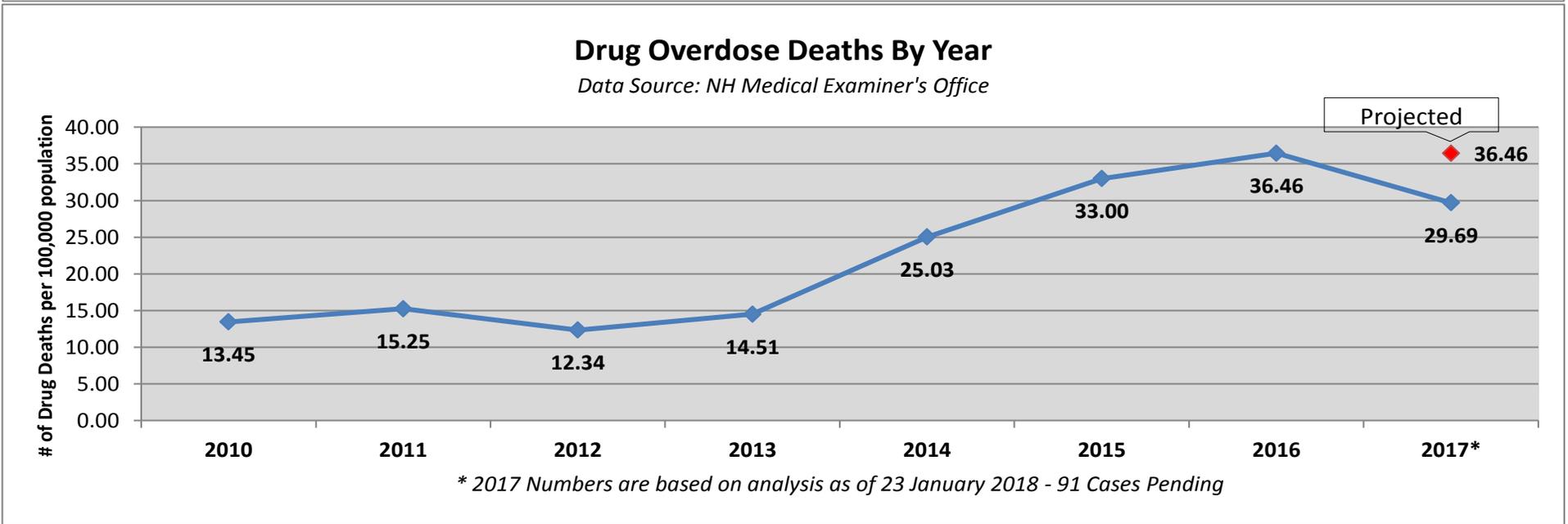
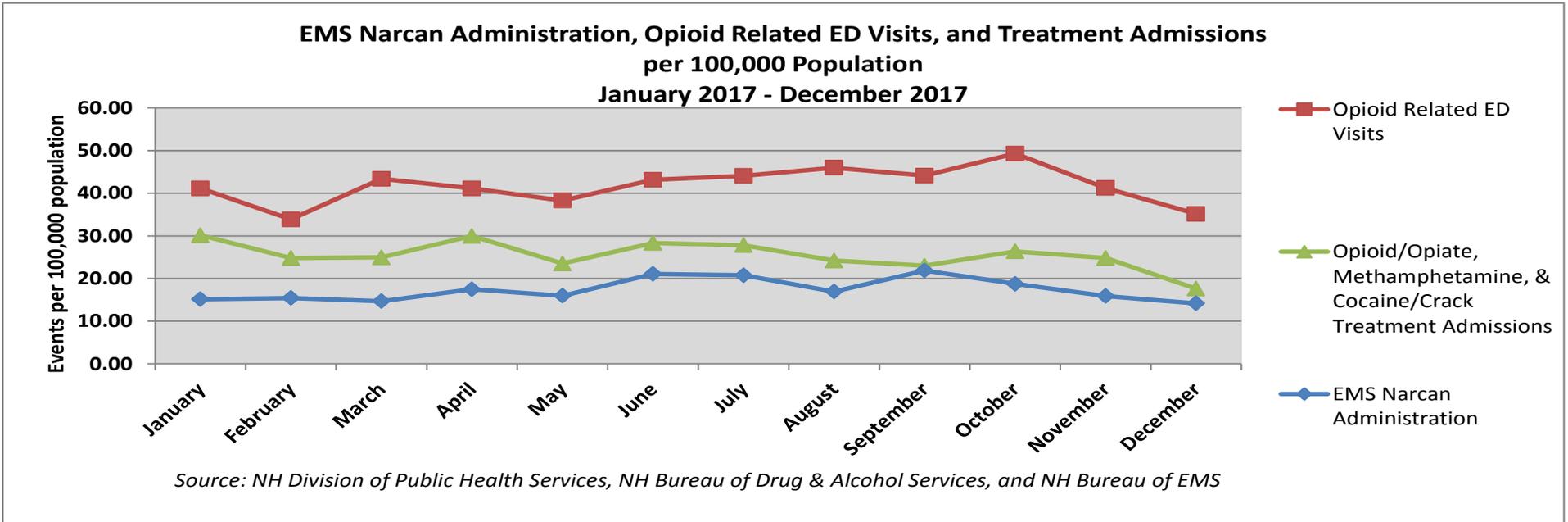
Drug Environment Report—UNCLASSIFIED

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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 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:

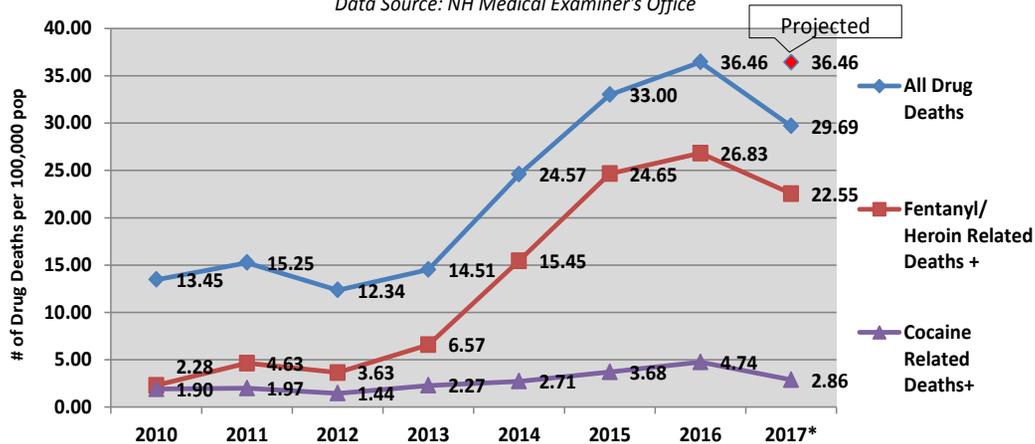
- At this time, drug overdose deaths are projected to stay the same from 2016 to 2017.
- In 2017 thus far, Hillsborough County has the highest suspected drug use resulting in overdose deaths per capita at 3.91 deaths per 10,000 population.
- Strafford County had the next highest suspected drug use resulting 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 Numbers are based on analysis as of 23 January, 2018.
- There are currently 91 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

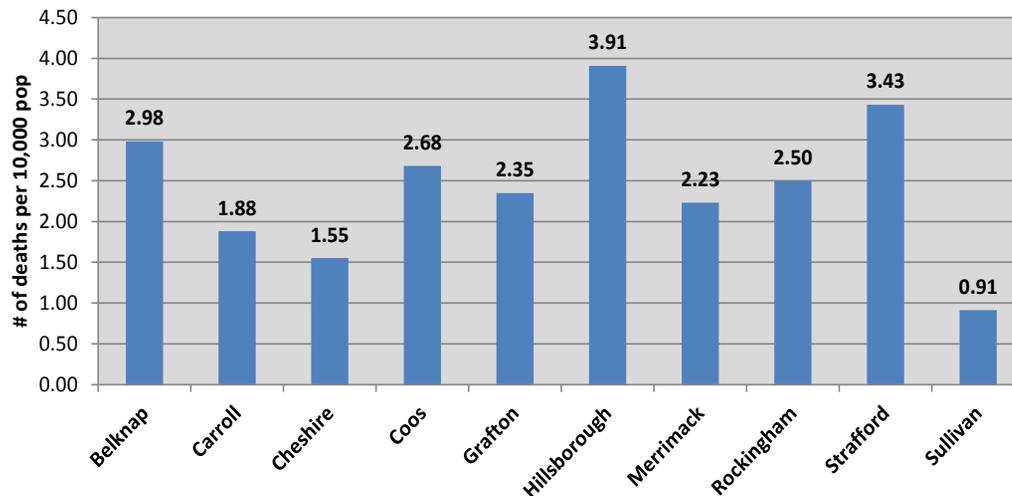


* 2017 Projected numbers are based on analysis as of 23 January 2018 - 91 cases pending

+ Cocaine and Fentanyl/Heroin Related deaths are not mutually exclusive, several deaths involved both categories

2017* Overdose Deaths by County per 10,000 Population

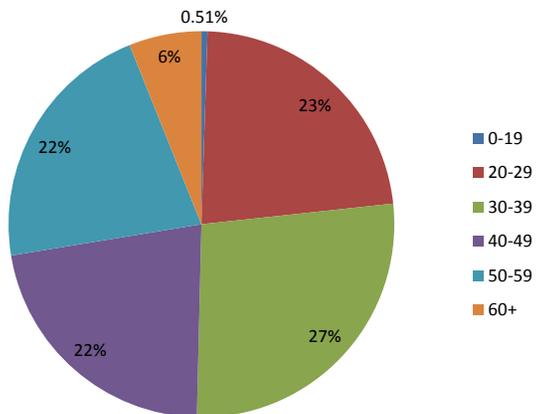
Data Source: NH Medical Examiner's Office



* 2017 Numbers are based on analysis as of 23 January 2018 -91 cases still pending

Overdose Deaths by Age 2017*

Data Source: NH Medical Examiner's Office

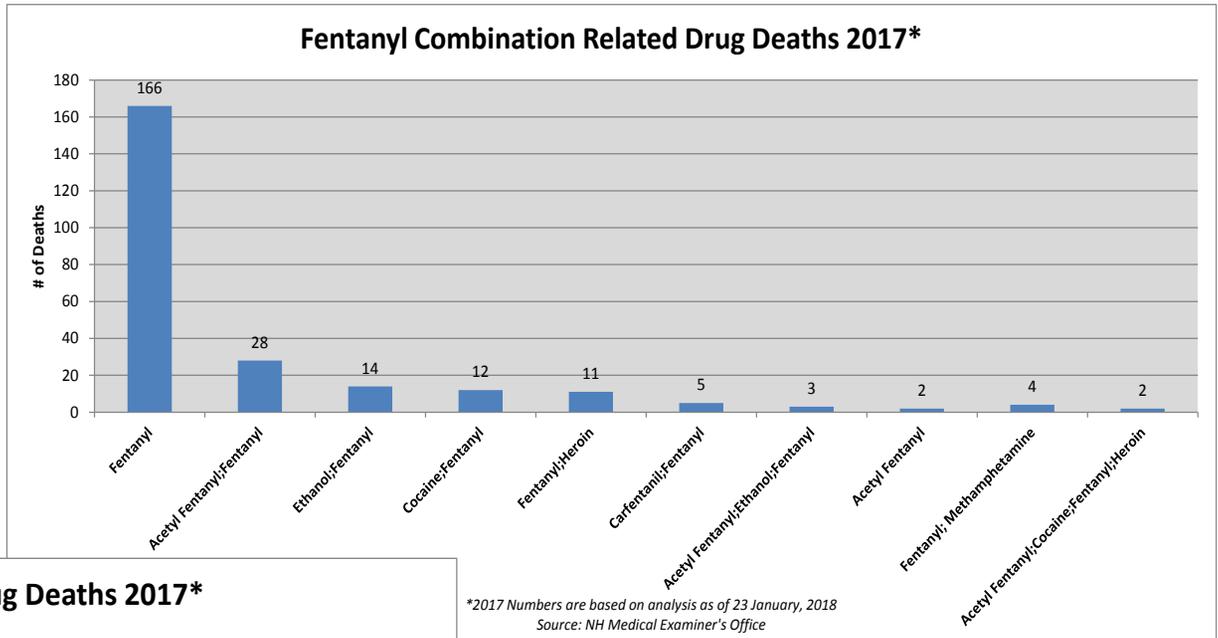


*2017 Numbers are based on analysis as of 23 January, 2018

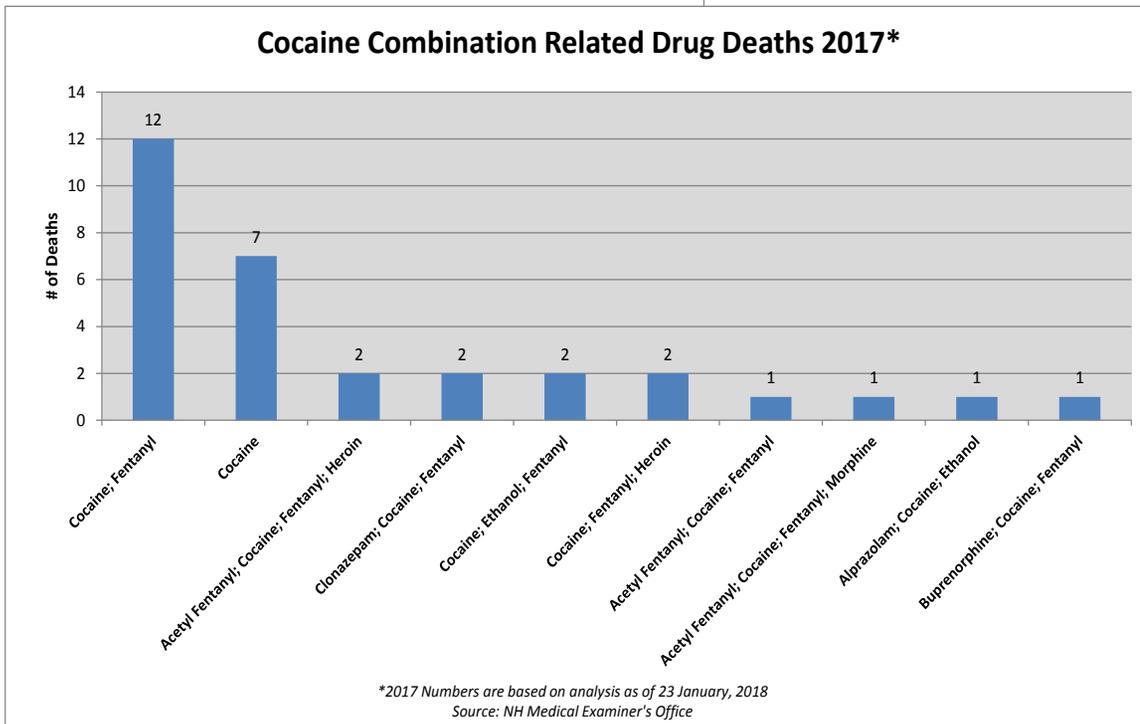
Drug Overdose Deaths (Continued):

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



Prepared by:
NH Information & Analysis Center

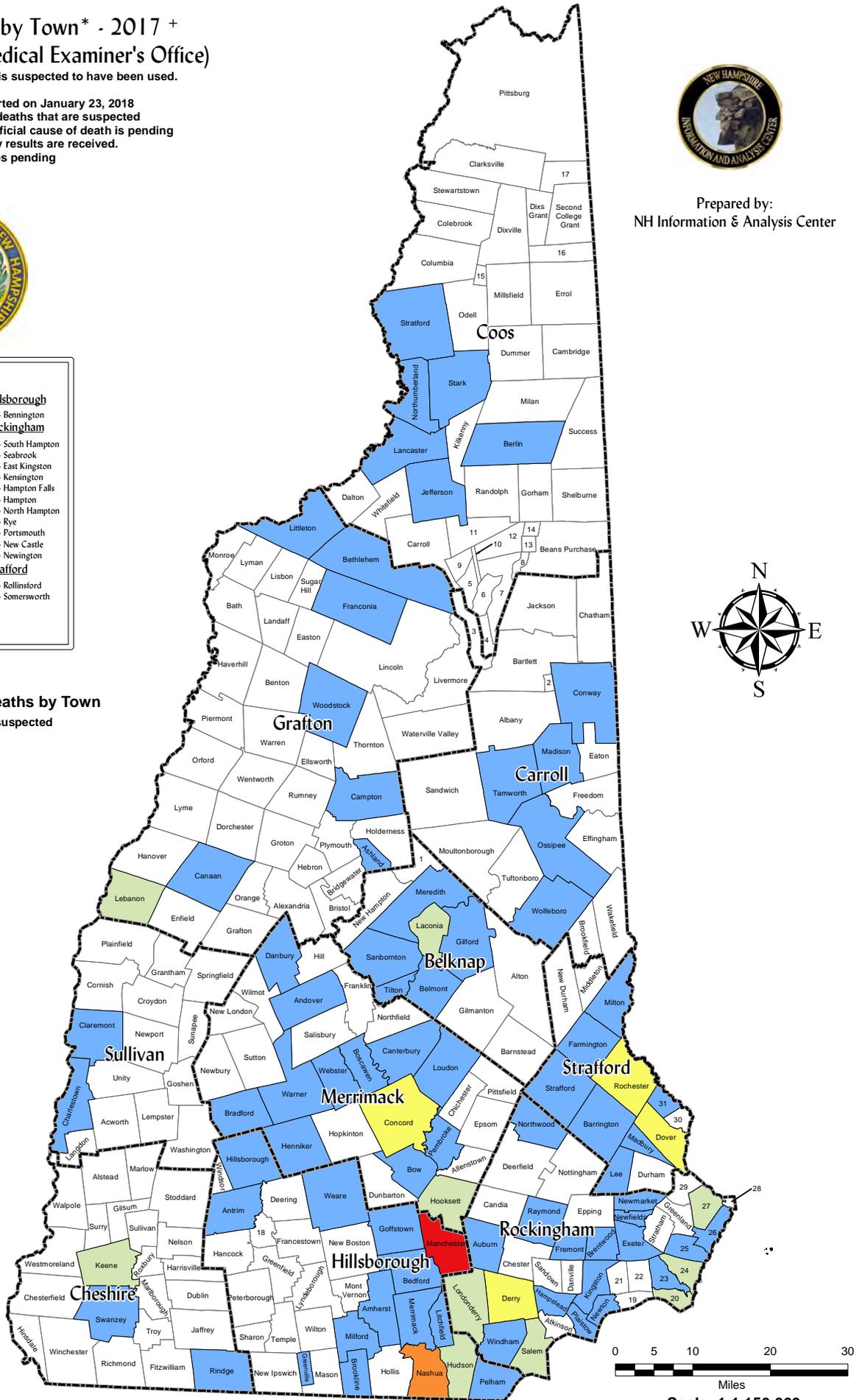
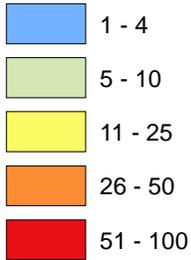


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Belknap	Hillsborough
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Carroll	Rockingham
2 - Hales Location	19 - South Hampton
3 - Harts Location	20 - Seabrook
Coos	21 - East Kingston
4 - Hadleys Purchase	22 - Kensington
5 - Beans Grant	23 - Hampton Falls
6 - Cutts Grant	24 - Hampton
7 - Sargents Purchase	25 - North Hampton
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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)



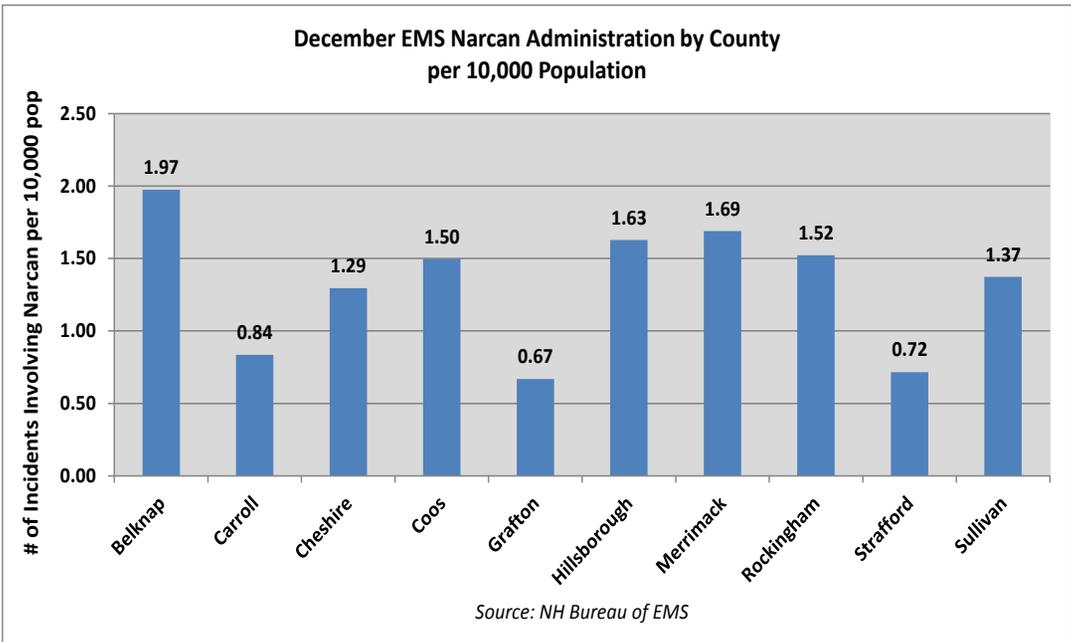
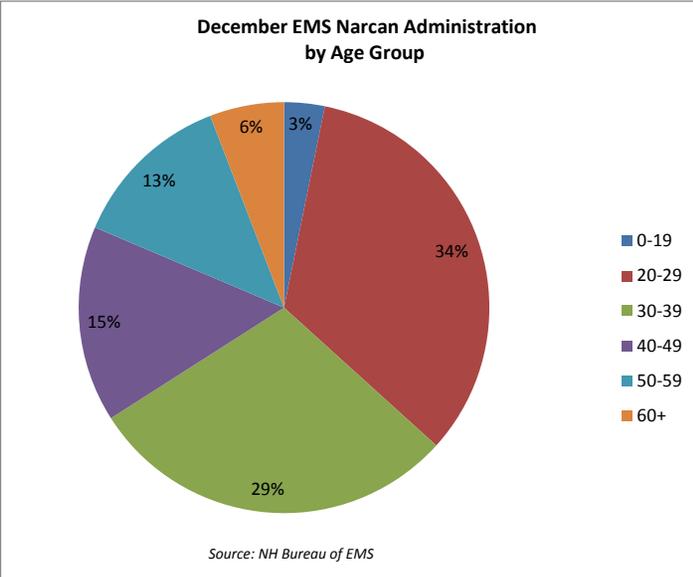
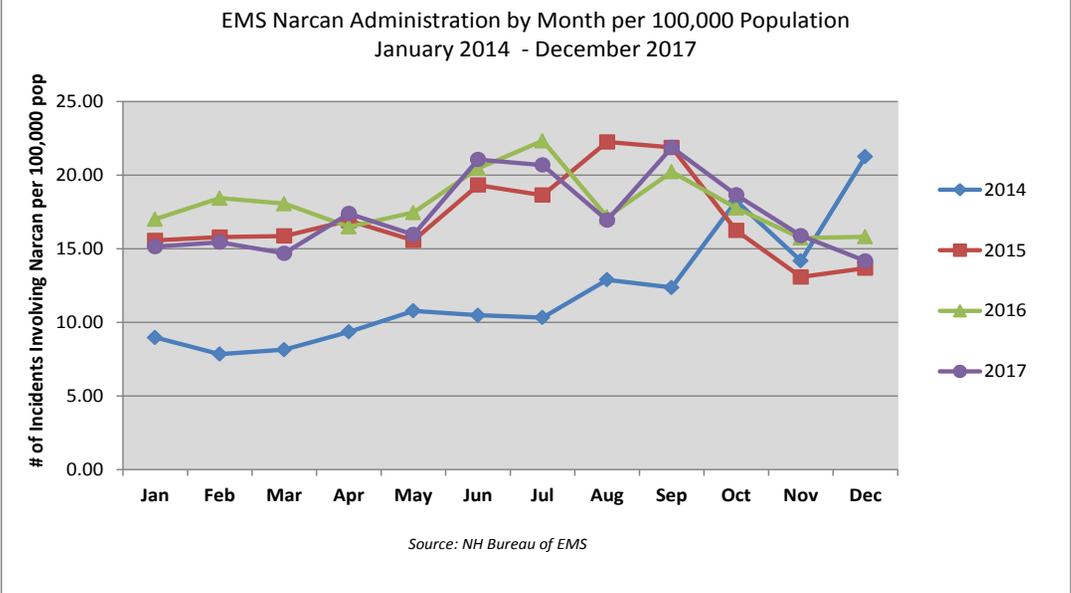
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- EMS Narcan administration incidents decreased by 10% from November to December.
- In December Belknap County had the most EMS Narcan administration incidents per capita with 1.97 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 66 incidents in December.
- The age group with the largest number of EMS Narcan administration incidents is 20-29 which represents 34% of all EMS Narcan administration incidents for December.
- NH Bureau of EMS Percentage of "lives saved" increased by 0.5% from November to December.

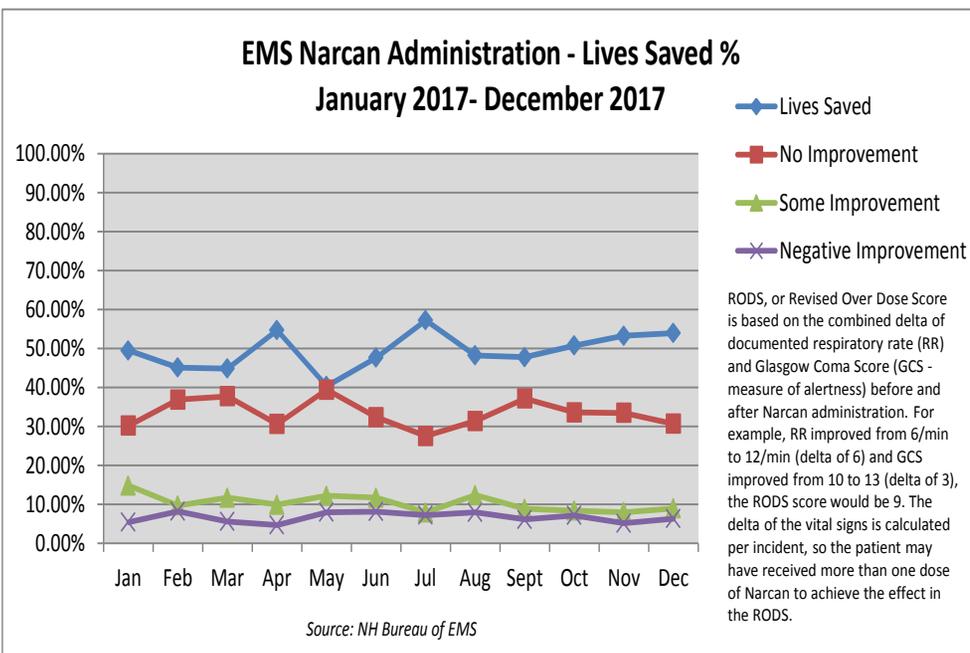
***** IMPORTANT DATA NOTES *****

- 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.



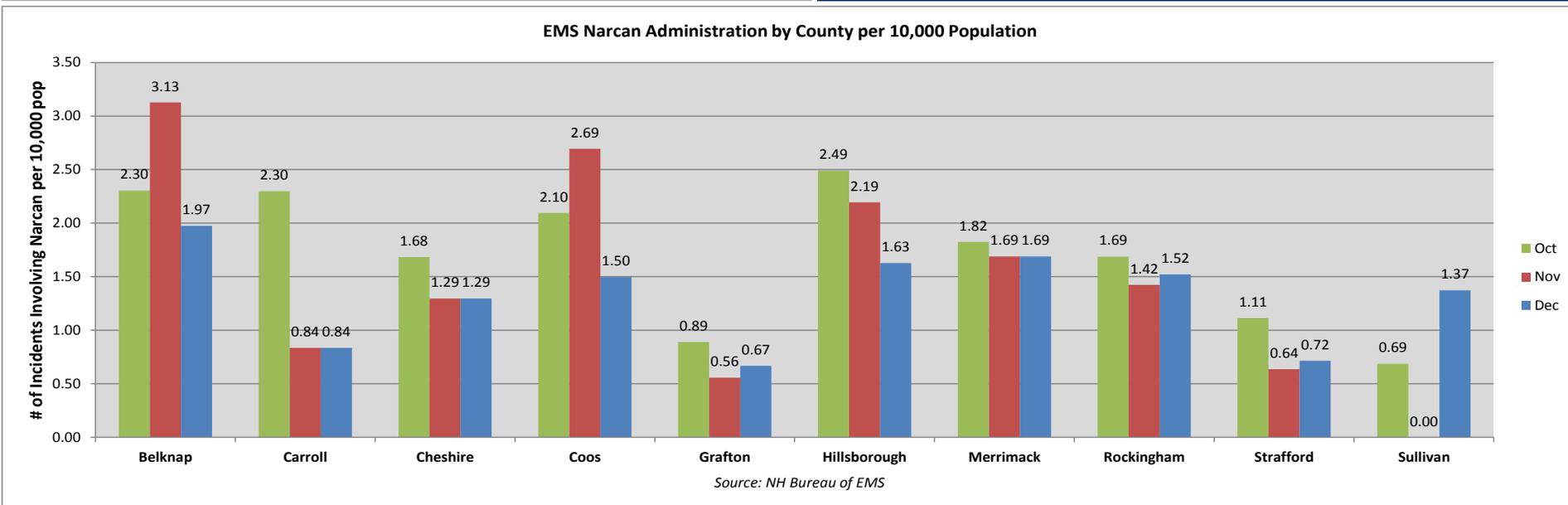
EMS Narcan Administration (Continued):

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



EMS Narcan Administration—Lives Saved												
Source: NH Bureau of EMS	2017											
RODS Outcome	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
No Improvement <i>RODS Score of 0</i>	61	76	74	71	84	91	76	71	108	83	71	58
Some Improvement <i>RODS Score 1-7</i>	30	20	23	23	26	33	22	28	26	21	17	17
Negative Improvement <i>Negative RODS Score</i>	11	17	11	11	17	23	20	18	18	18	11	12
Lives Saved <i>RODS Score of 8+</i>	100	93	88	127	86	134	158	109	140	127	113	102
Total	202	206	196	232	213	281	276	226	292	249	212	189

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 1/1/2017 - 12/31/2017

Data Source: New Hampshire Bureau of EMS

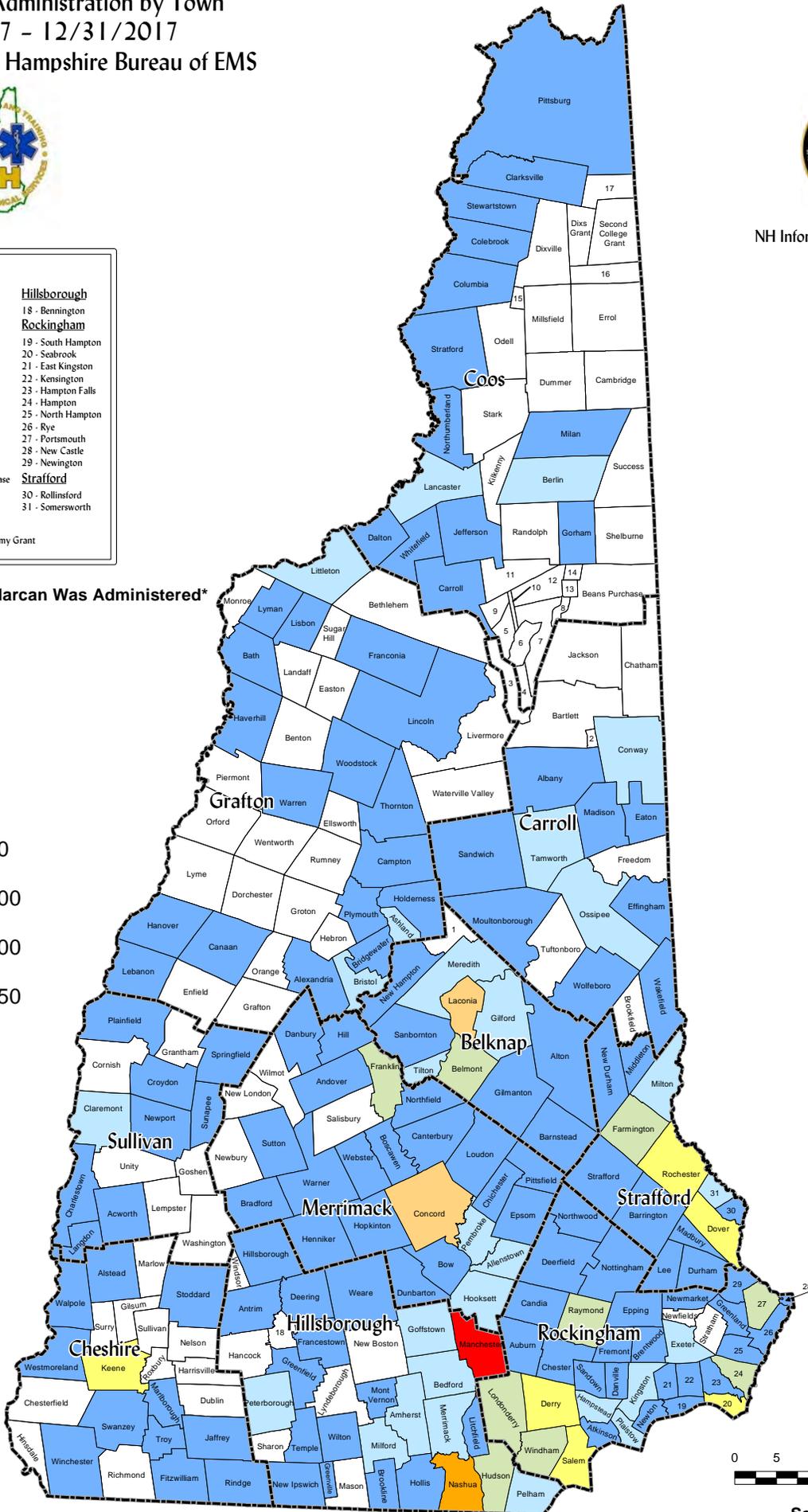
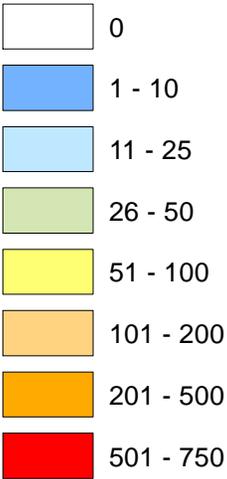


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Incidents Where Narcan Was Administered



Scale: 1:1,150,000

Opioid Related Emergency Department Visits:

Data Source: NH Division of Public Health Services



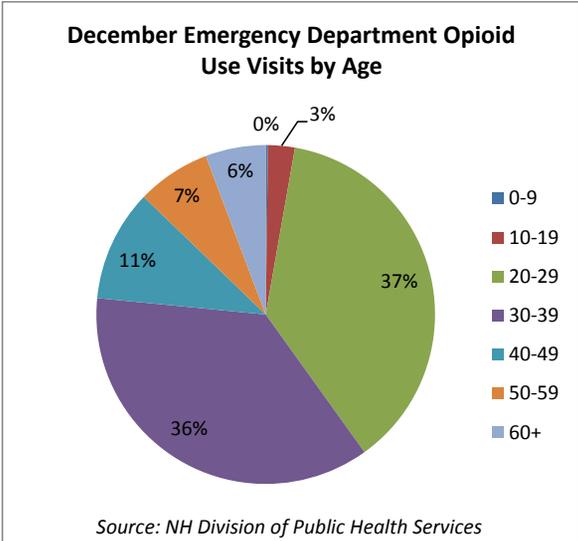
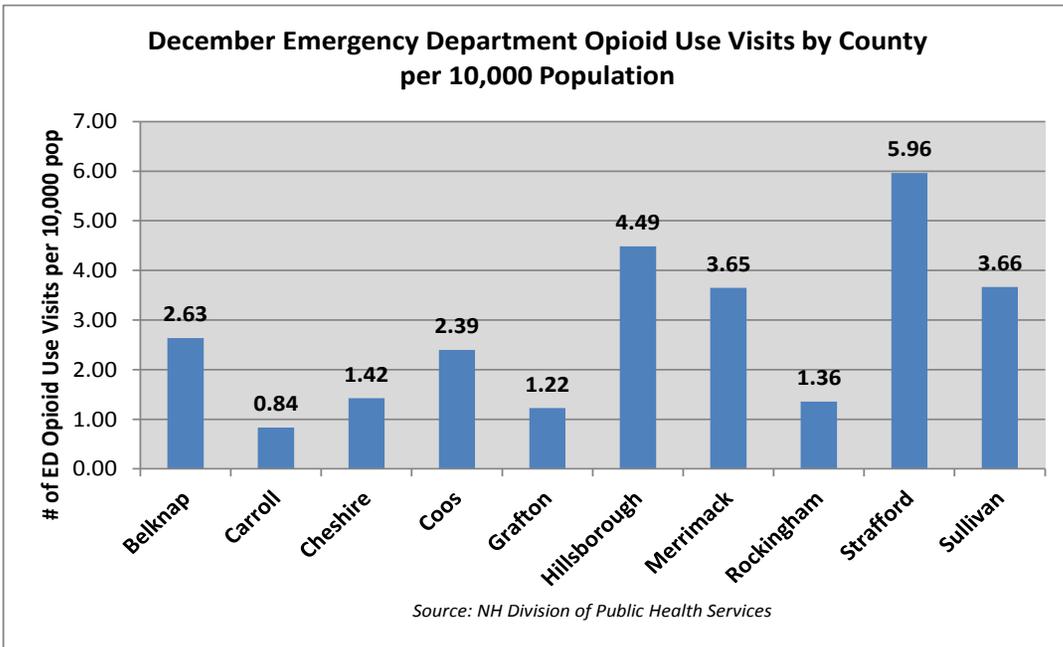
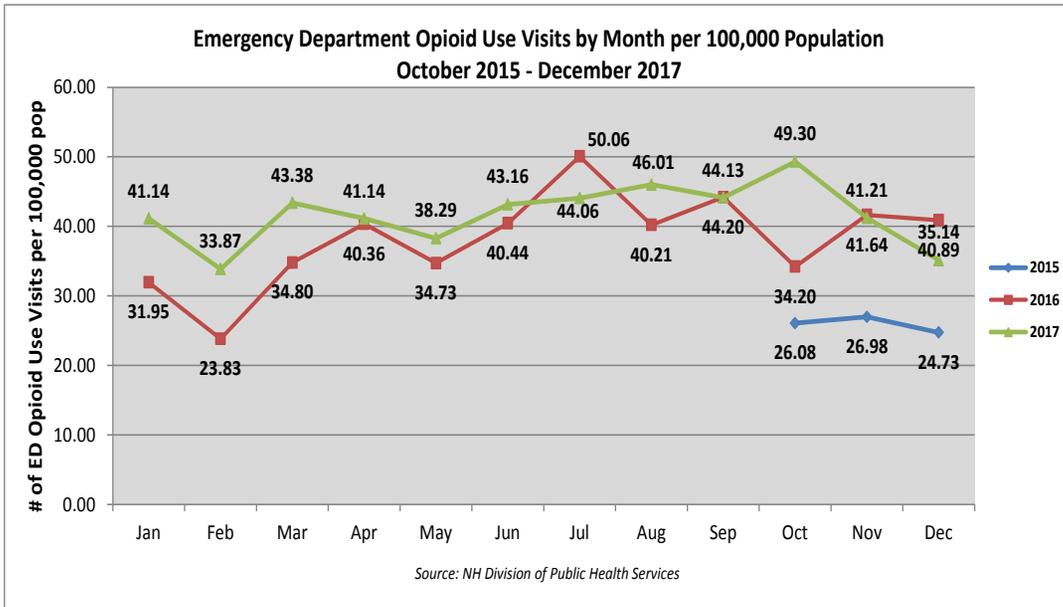
Right click on the paperclip and select "Open File" to view additional data.

Trends:

- Opioid related ED visits decreased by 14% from November to December 2017.
- In December residents from Strafford County had the most opioid related ED visits per capita with 5.96 visits per 10,000 population.
- Hillsborough County residents had the second highest number of opioid related ED visits per capita with 4.49 visits per 10,000 population.
- The age groups with the largest number of opioid related ED visits for December were 20-29 and 30-39 with 37% and 36% respectively.

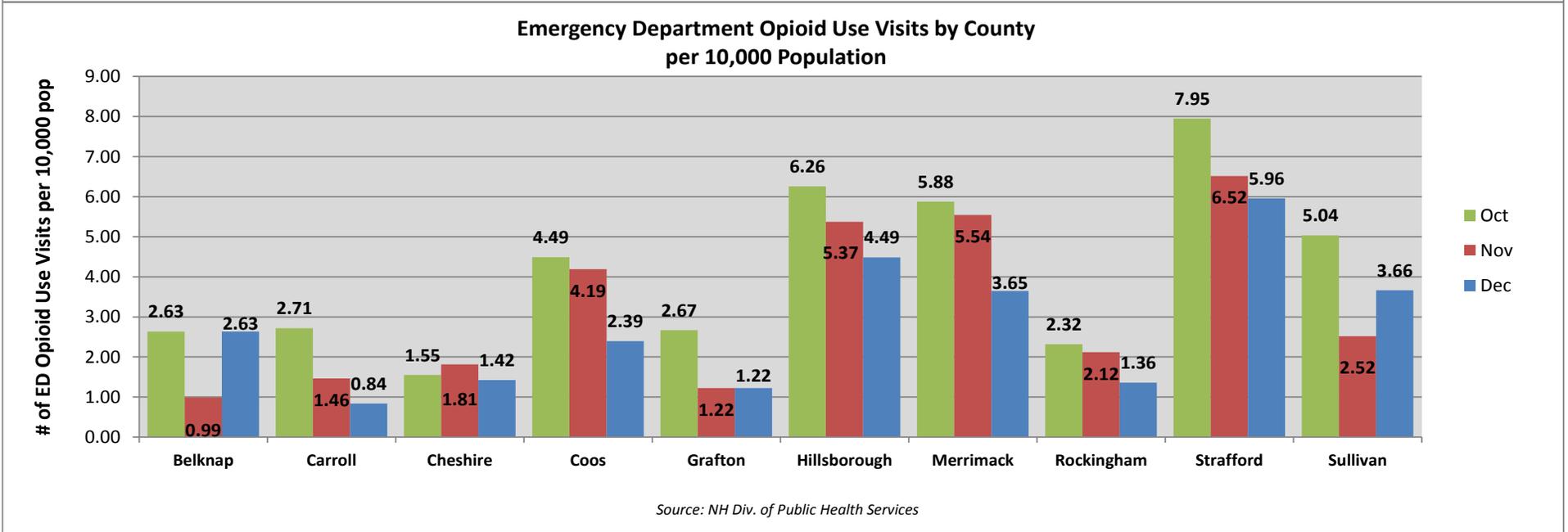
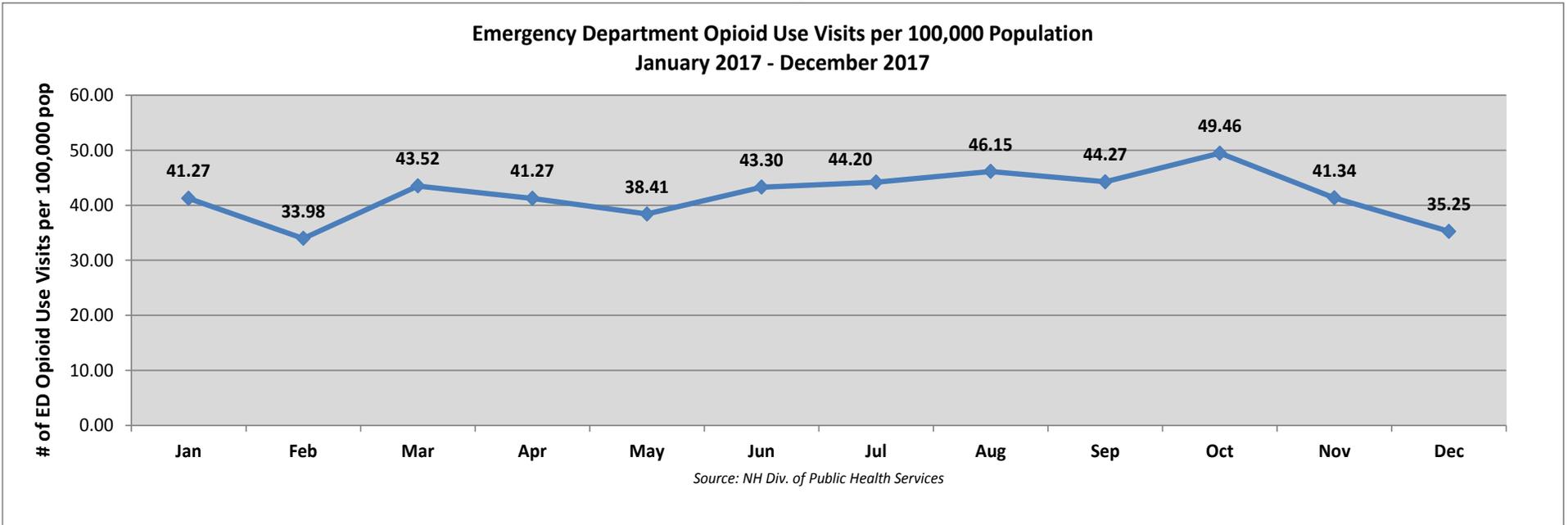
***** IMPORTANT DATA NOTES *****

- 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.

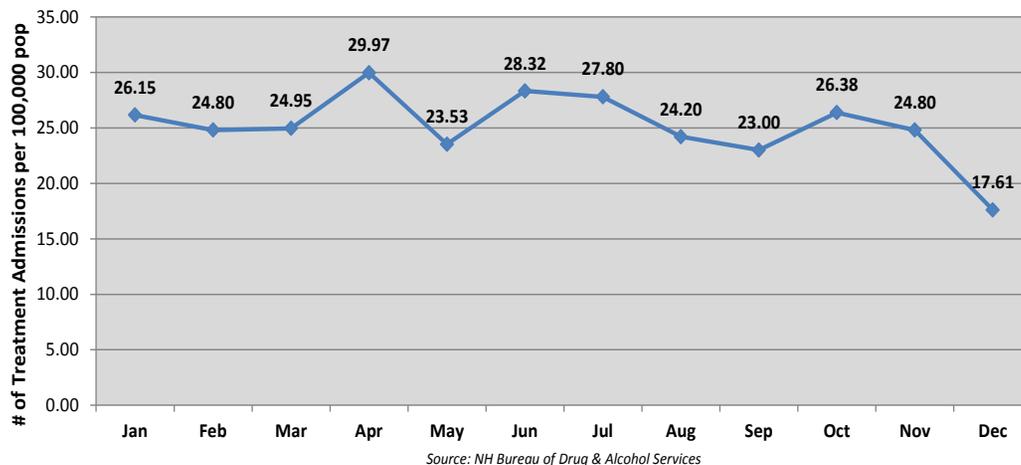
Trends:

- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions decreased by 29% from November to December.
- In December residents from Belknap County were admitted most often for opioid/opiate treatment per capita with 2.14 admissions per 10,000 population.
- More males than females were admitted to treatment programs in December for opioid/opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions increased by 3% from November to December.
- Cocaine/Crack treatment admissions decreased by 32% from November to December.
- Heroin/Fentanyl treatment admissions decreased by 35% from November to December.

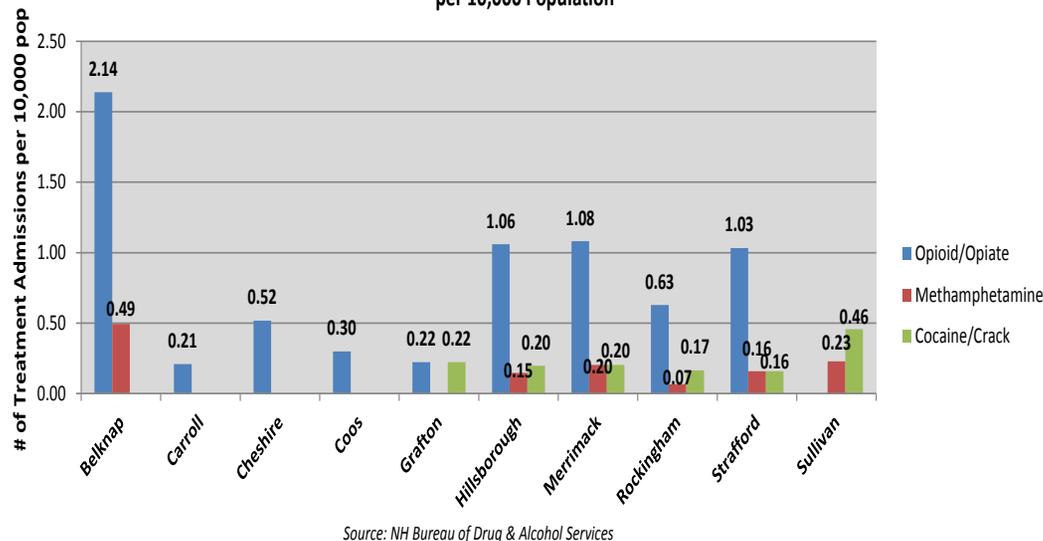
***** IMPORTANT DATA NOTES *****

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

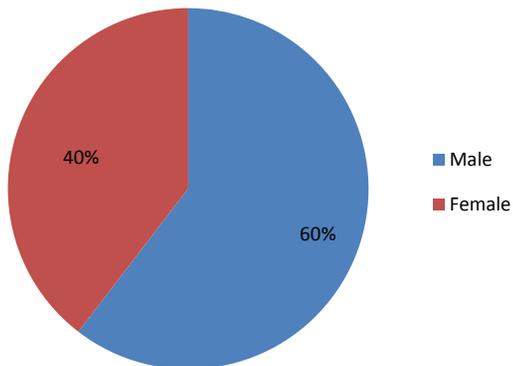
Opioid/Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by Month per 100,000 Population
January 2017- December 2017



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



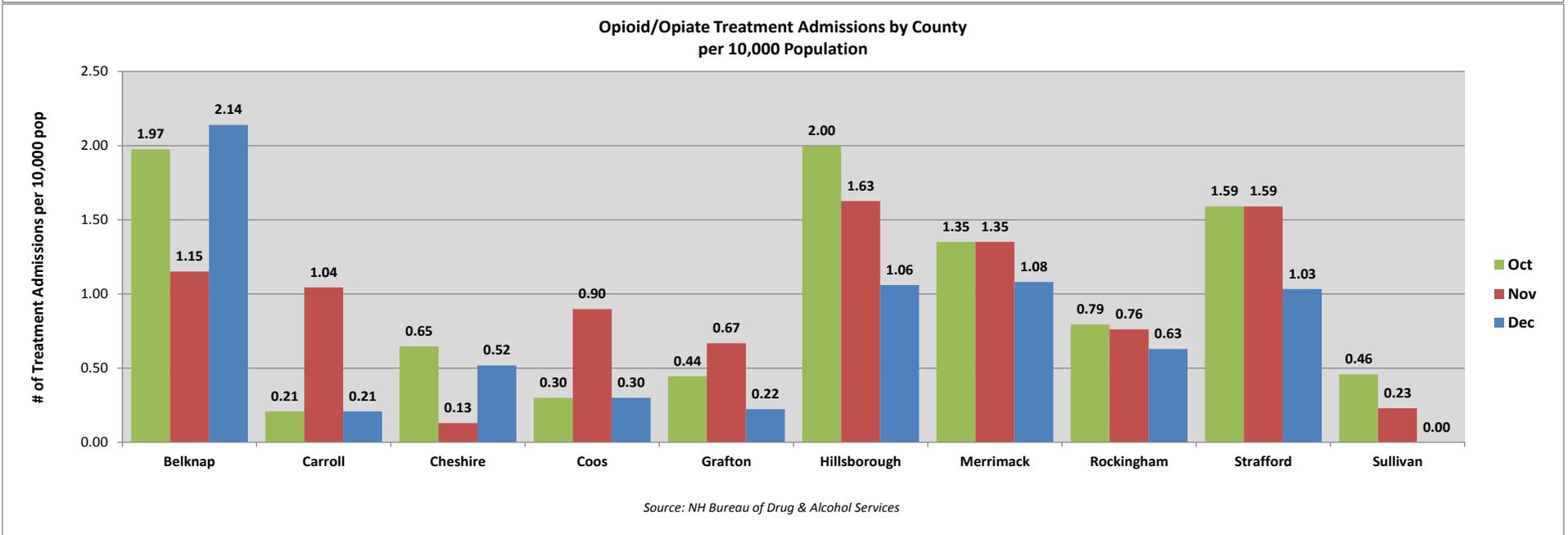
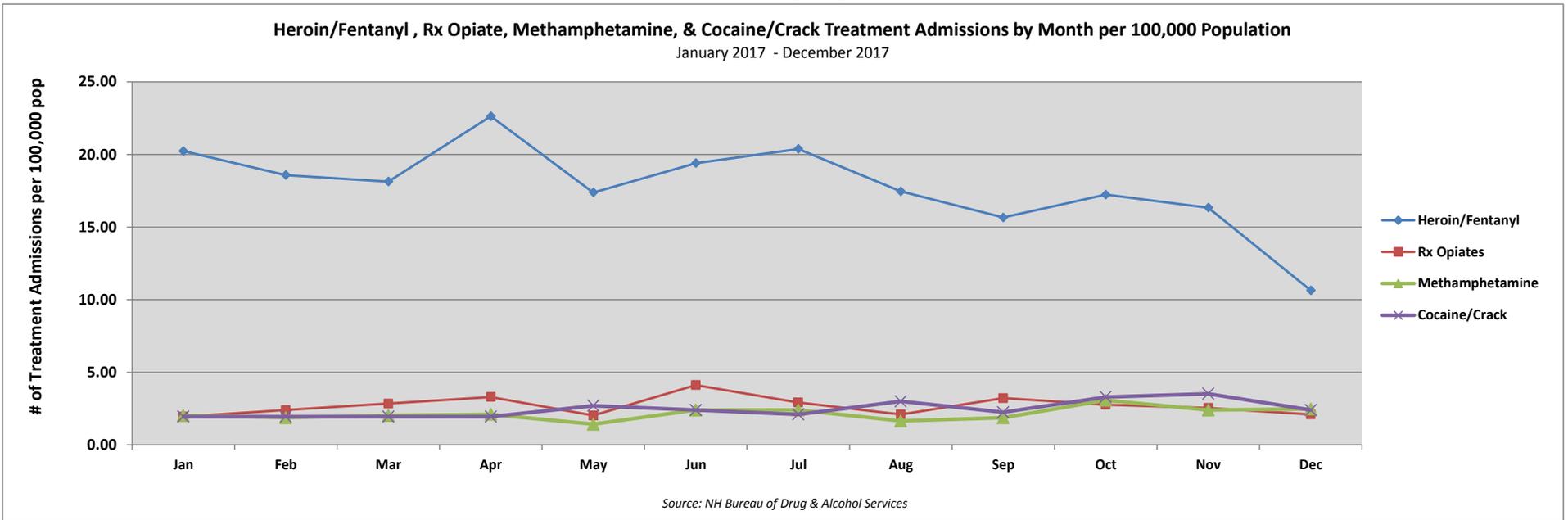
December Treatment Admissions by Gender



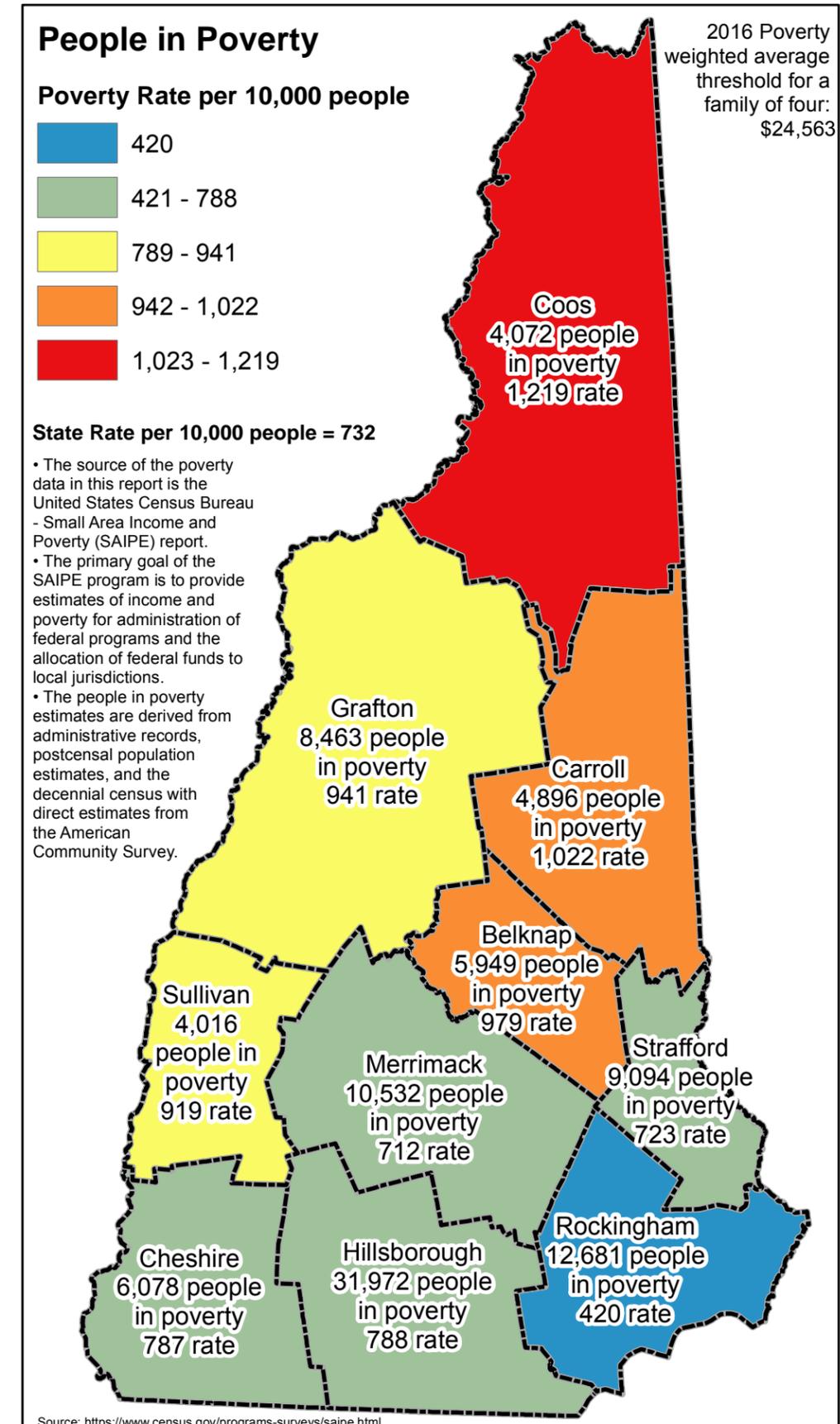
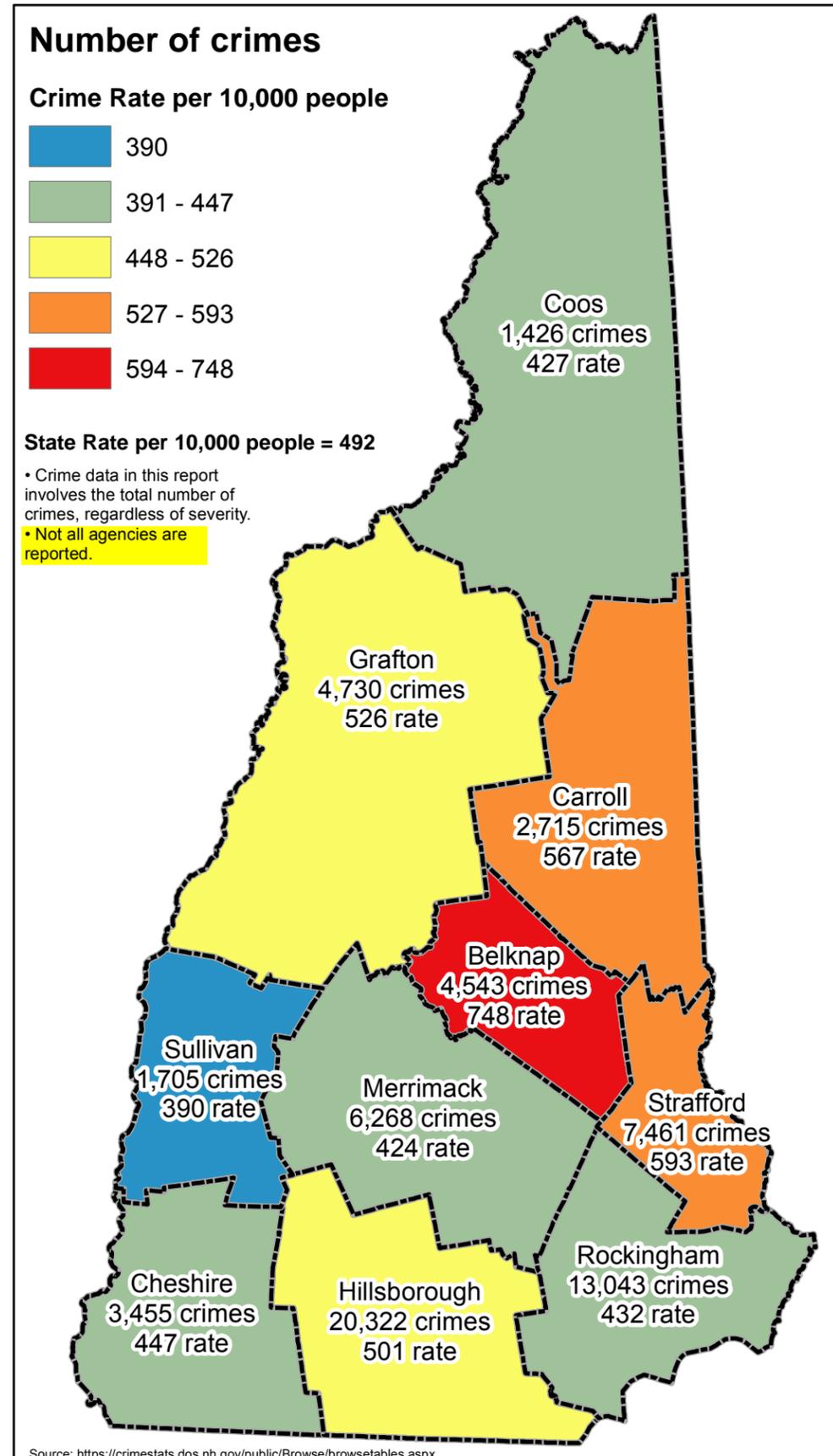
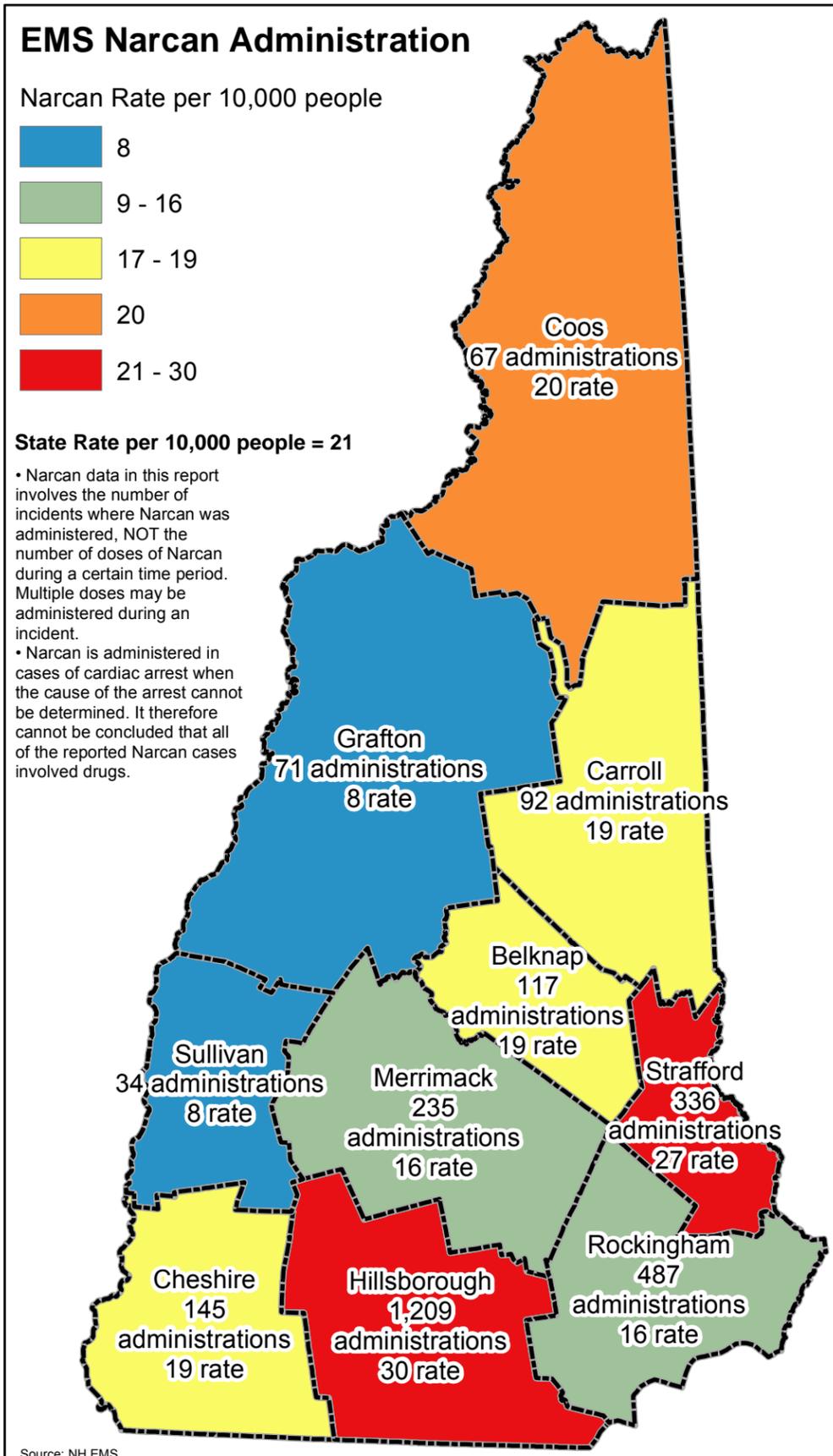
Source: NH Bureau of Drug & Alcohol

Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services



New Hampshire 2016 Comparison by County



Situational Awareness:



NEW HAMPSHIRE SAFE STATIONS

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

Manchester
 As of 1/3/2018

Nashua
 As of 1/3/2018

	December	Total	December	Total
Number of requests at MFD/NFR for Safe Station:	117	2842	106	1318
Number of participants transported to hospitals:		610		131
Number of participants taken to Substance Misuse Treatment Facilities:		2220		1166
Average length of time company "Not Available":		16 Min		11 Min
Number of UNIQUE participants:	51	1660	49	708
Number of REPEAT participants:	66	522	57	235
Age range of participants:		16-70		15-70

Trump Signs Bill Into Law Co-sponsored by New Hampshire Senators

President Trump signed the Interdict Act into law. The Bill, sponsored by NH senators and introduced by a bipartisan group of lawmakers will put more high-tech tolls at borders, port of entry, even mail facilities to detect fentanyl and other illegal synthetic opioids. It also authorizes more forensic work. Senator Jeanne Shaheen stated that, "this will provide up to date equipment that can be used all along the border as their efforts to smuggle that drug into the United States".

While the funding from this opioid fighting act still needs to be appropriated, New Hampshire's senators are also proposing an additional \$25 billion to address the opioid epidemic as part of the budget agreement being negotiated by congress.

The New Hampshire senators are also pushing for legislation that would prioritize funding for states hit hardest by the opioid crisis, like New Hampshire.

Source: www.wmur.com 1/10/2018

Number of State's Fatal Overdoses Levelled Off in 2017

The number of fatal drug overdoses projected for New Hampshire in 2017 has leveled off, bucking a four-year trend of steep year-to-year increases, according to the most recent projections by the state Medical Examiner's Office.

The projected number from the Medical Examiner's Office matches the 485 people who died from drug overdoses in 2016. The 2017 number is a projection because suspected overdoses must be confirmed by toxicology tests, which can take weeks.

Chief forensic investigator for the state, Kim Fallon, said that leveling off of fatal overdoses could be attributed to several factors, including the Manchester Safe Station program and easy availability of Narcan, the overdose-reversing drug that anyone can purchase at a drug store.

Source: www.unionleader.com 1/24/2018

Substance Abuse Treatment/Recovery Directory:*State funded treatment facilities in NH (NOT a complete list) - Data Source: NH Department of Health and Human Services*

<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>	