



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 #: 2017-2871

January 2017 Report

24 February 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

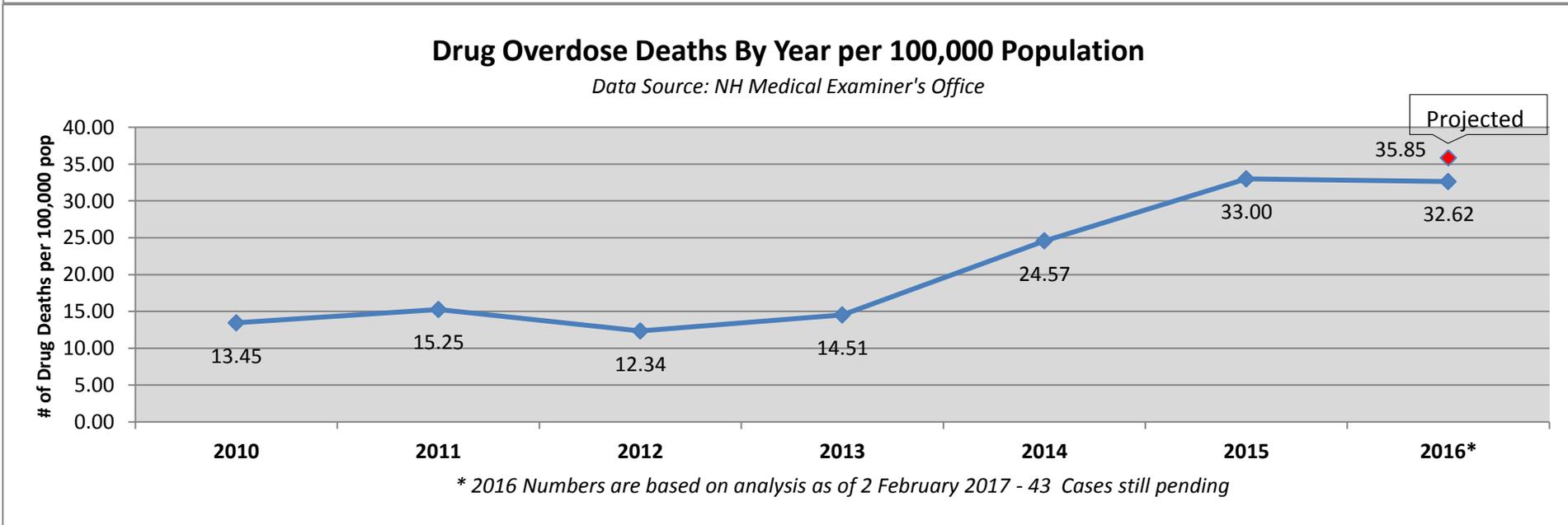
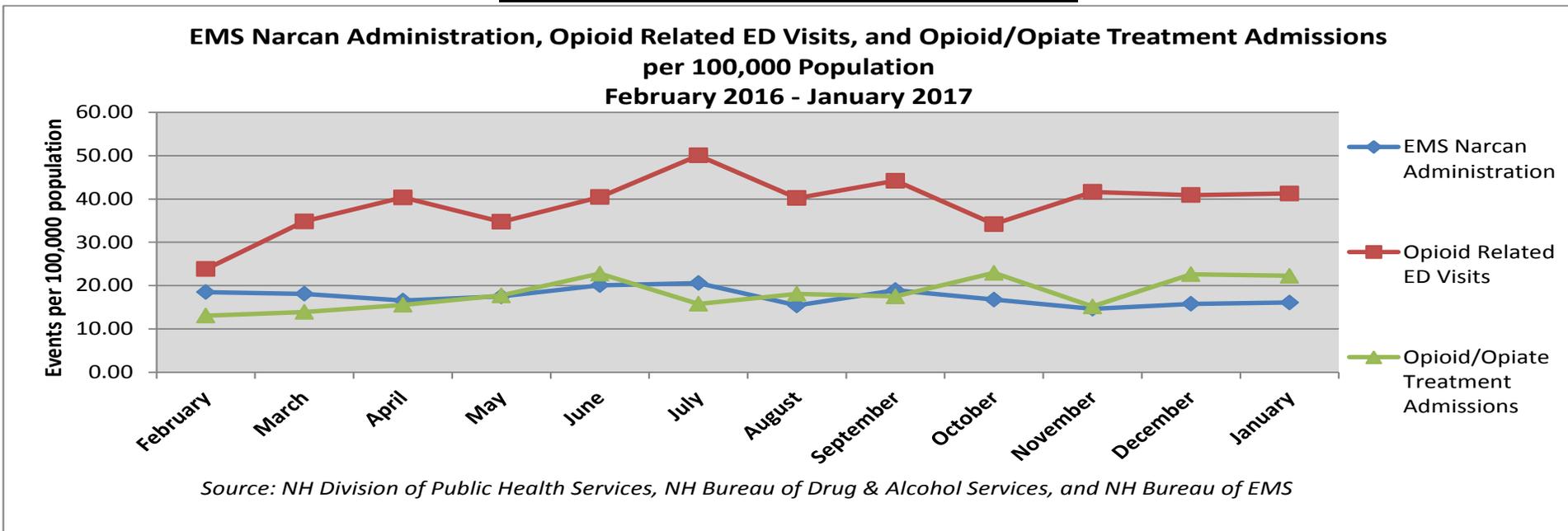
<u>Section Title</u>	<u>Table of Contents:</u>	<u>Page #</u>
Overview	_____	2
Drug Overdose Deaths	_____	3
Drug Overdose Deaths Map	_____	5
EMS Narcan Administration	_____	6
EMS Narcan Administration Map	_____	8
Opioid Related Emergency Department Visits	_____	9
Opioid/Opiate Treatment Admissions	_____	11
2014 Narcan vs Crime Rate vs Poverty Rate Map	_____	13
Situational Awareness	_____	14
Substance Abuse Treatment/Recovery Directory	_____	15

⇒ Population data source: <http://www.nh.gov/pep/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, Opioid/Opiate Treatment Admissions, and Overdose Deaths:



Drug Overdose Deaths:

Data Source: NH Medical Examiner's Office

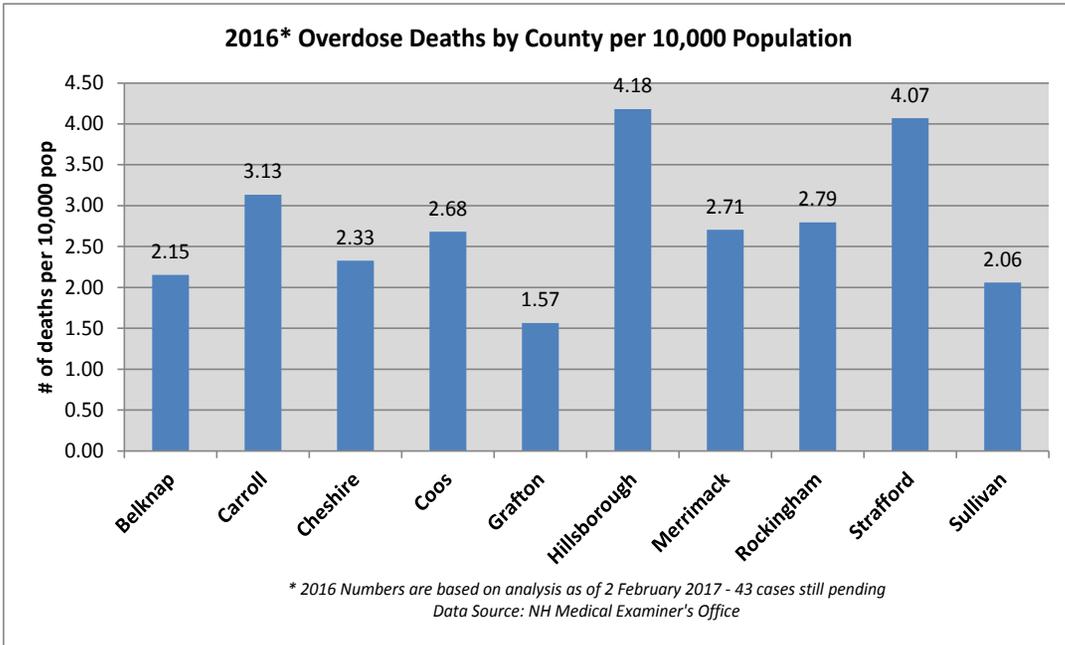
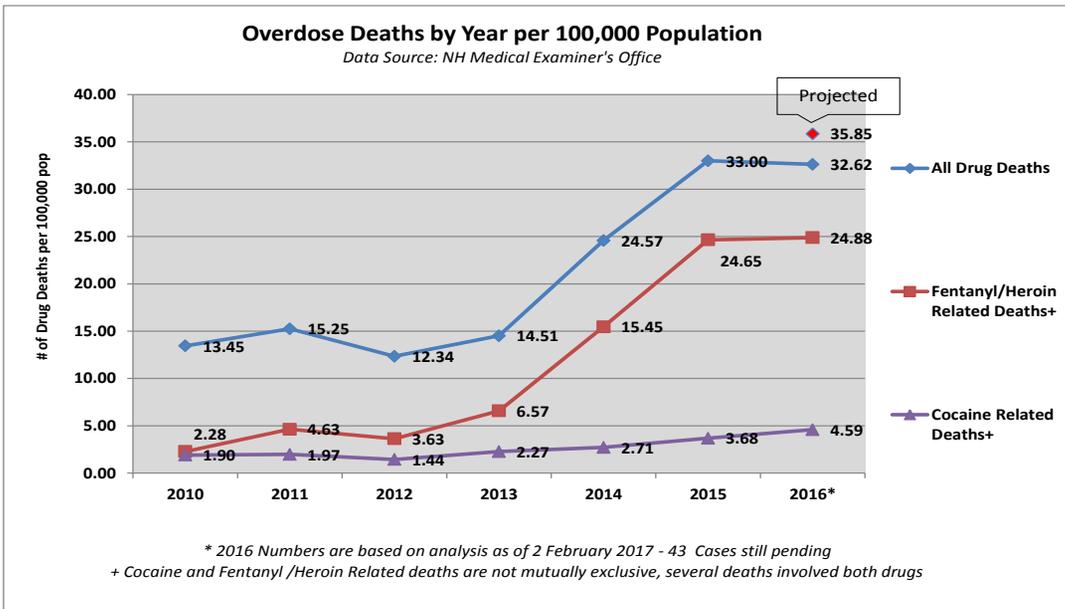
Double click on the paperclip to view additional data.

Trends:

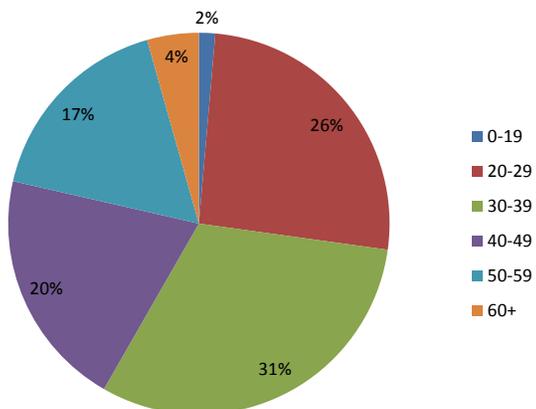
- Drug overdose deaths are projected to increase by 8.6% from 2015 to 2016.
- In 2016 Hillsborough County had the highest suspected drug use resulting in overdose deaths per capita at 4.18 deaths per 10,000 population.
- Strafford County had the second highest suspected drug use resulting in overdose deaths per capita at 4.07 deaths per 10,000 population.
- The age group with the largest number of drug overdose deaths is 30-39 which represents 31% of all overdose deaths for 2016.
- Fentanyl only deaths accounted for 183 deaths. Cocaine and Fentanyl only deaths accounted for 27 deaths in 2016.

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

- 2016 Numbers are based on analysis as of 2 February 2017. There are 43 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*

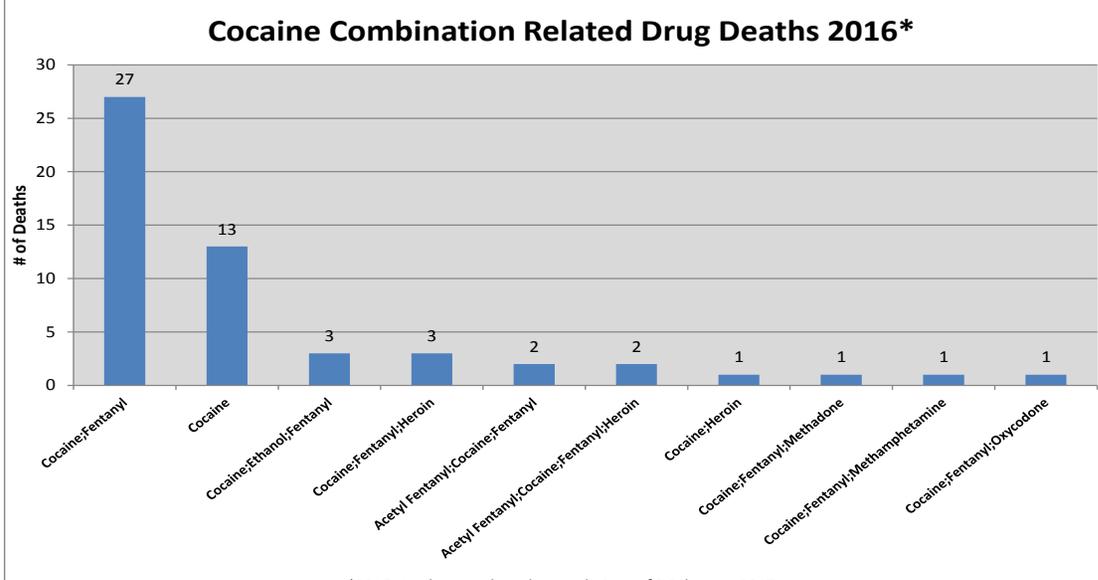


*2016 Numbers are based on analysis as of 2 February, 2017
Source: NH Medical Examiner's Office

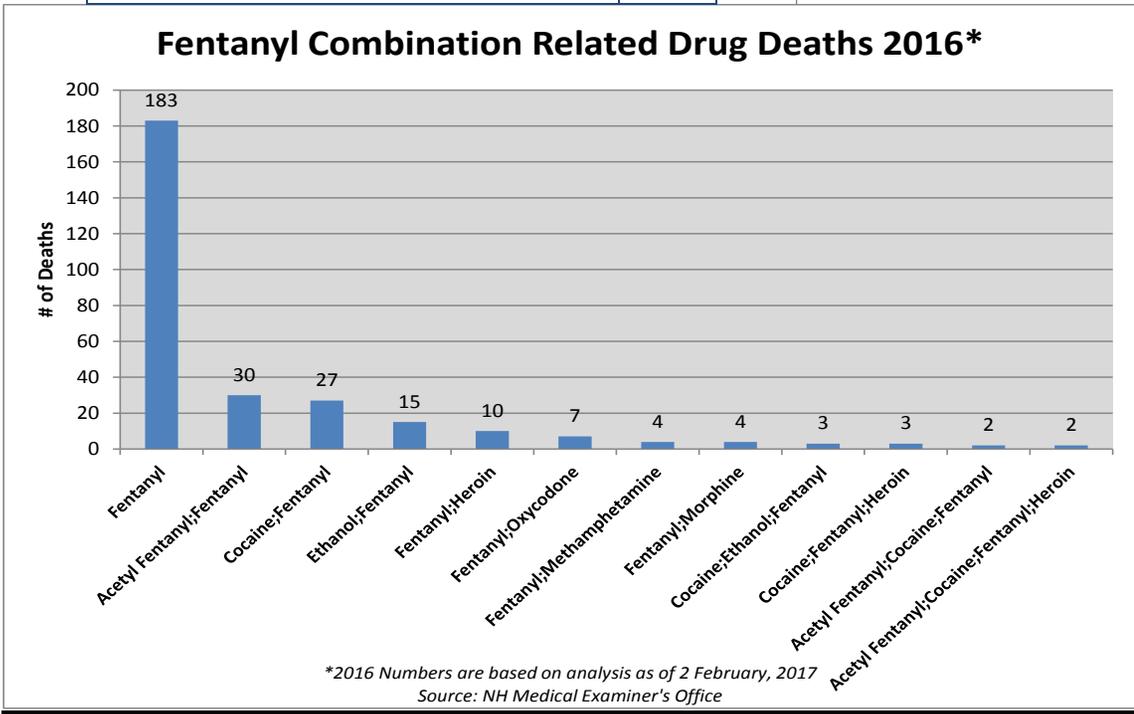
Drug Overdose Deaths (Continued):

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	2
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2
Cocaine; Heroin	1
Cocaine ; Fentanyl; Methadone	1
Cocaine; Fentanyl; Methamphetamine	1
Cocaine; Fentanyl; Oxycodone	1



*2016 Numbers are based on analysis as of 2 February, 2017
Source: NH Medical Examiner's Office



*2016 Numbers are based on analysis as of 2 February, 2017
Source: NH Medical Examiner's Office

Fentanyl Combinations	
Fentanyl	183
Acetyl Fentanyl; Fentanyl	30
Cocaine; Fentanyl	27
Ethanol; Fentanyl	15
Fentanyl; Heroin	10
Fentanyl; Oxycodone	7
Fentanyl; Methamphetamine	4
Fentanyl; Morphine	4
Cocaine; Ethanol; Fentanyl	3
Cocaine; Fentanyl; Heroin	3
Acetyl Fentanyl; Cocaine; Fentanyl	2
Acetyl Fentanyl; Cocaine; Fentanyl; Heroin	2

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 February 2, 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

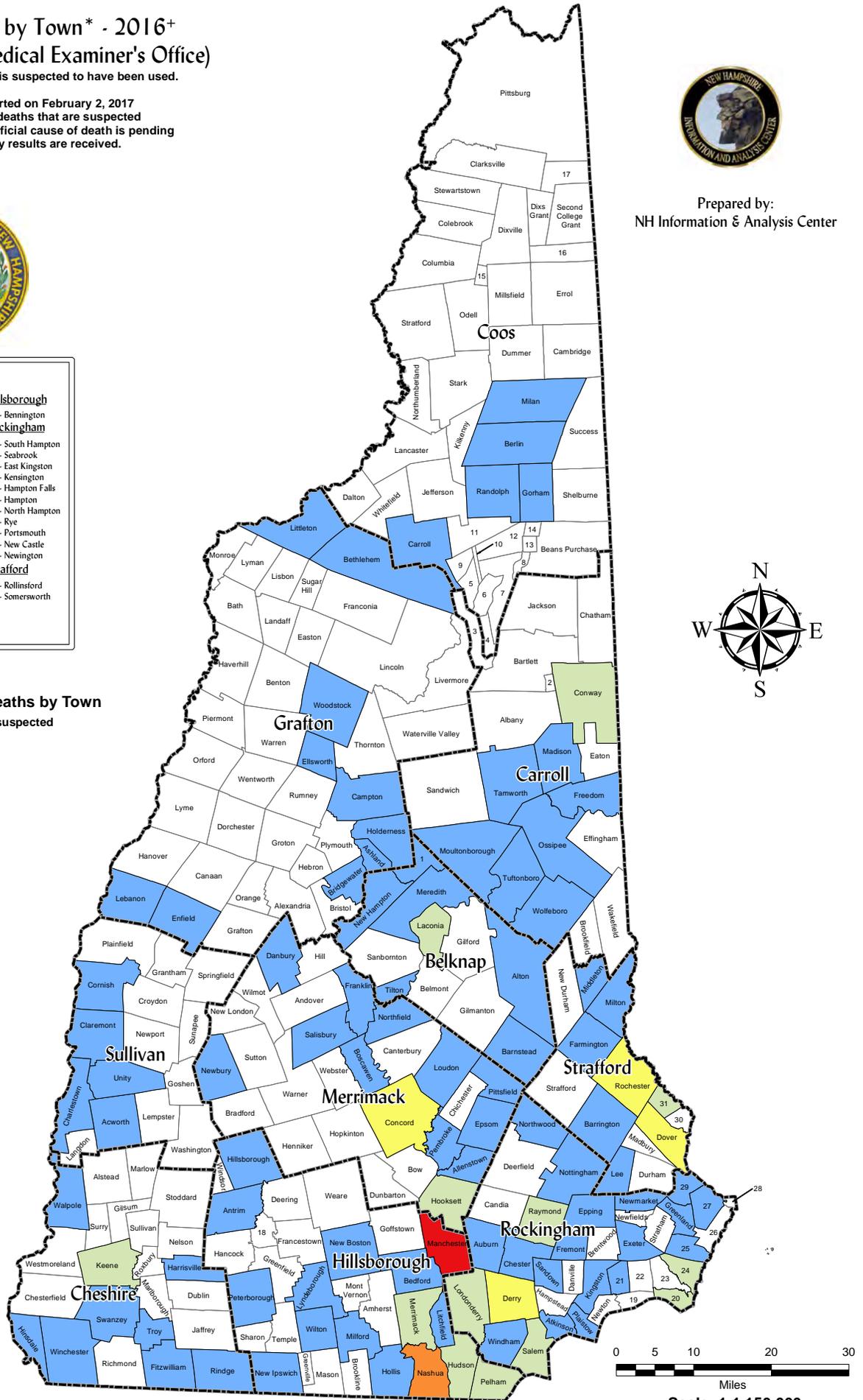
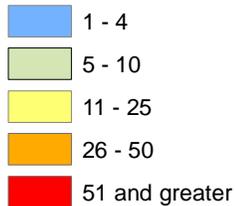


INDEX

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 & 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)



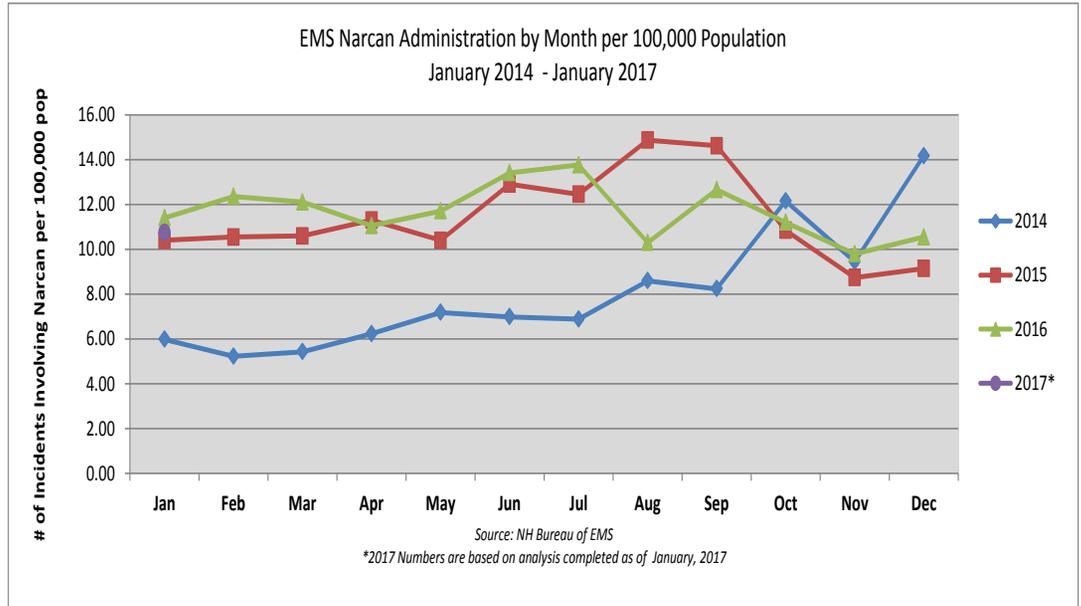
Double click on the paperclip to view additional data.

Trends:

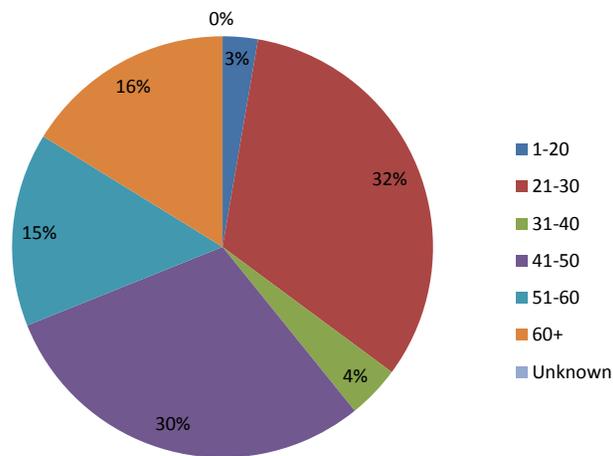
- EMS Narcan administration increased by 4% from 2015 to 2016.
- In January Carroll County had the most EMS Narcan administration incidents per capita with 2.72 incidents per 10,000 population.
- Based on absolute numbers Hillsborough County had the most Narcan incidents with 66 incidents in January.
- The age group with the largest number of EMS Narcan administration incidents is 21-30 which represents 32% of all EMS Narcan administration incidents for January.
- NH Bureau of EMS “lives saved” has increased by 13% from December to January.

***** 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.

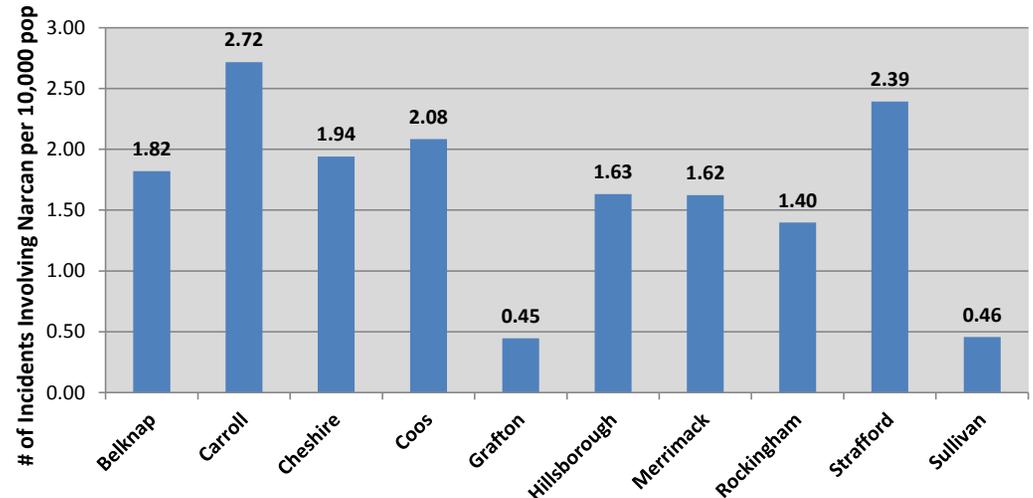


January EMS Narcan Administration by Age Group



Source: NH Bureau of EMS

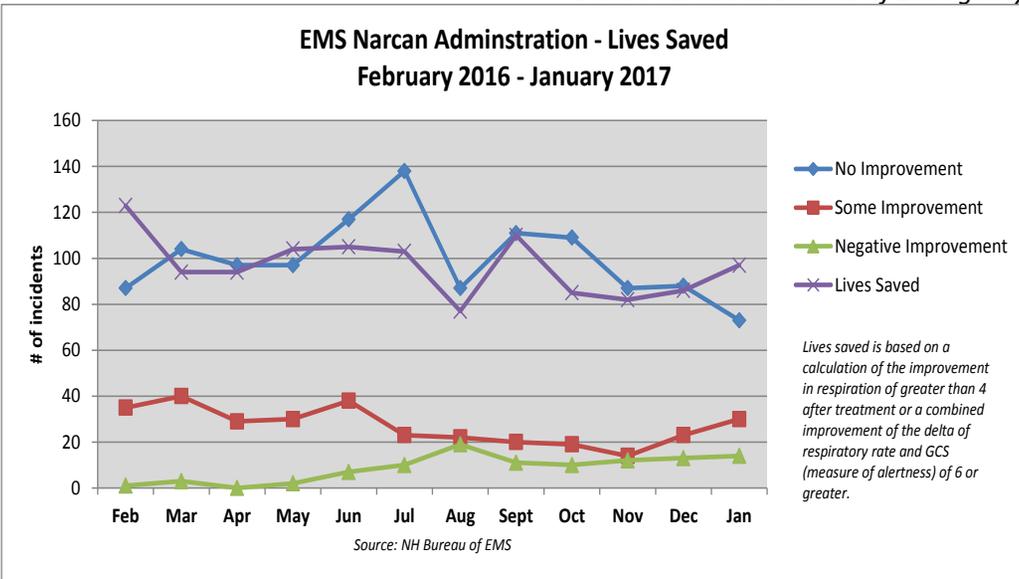
January EMS Narcan Administration by County per 10,000 Population



Source: NH Bureau of EMS

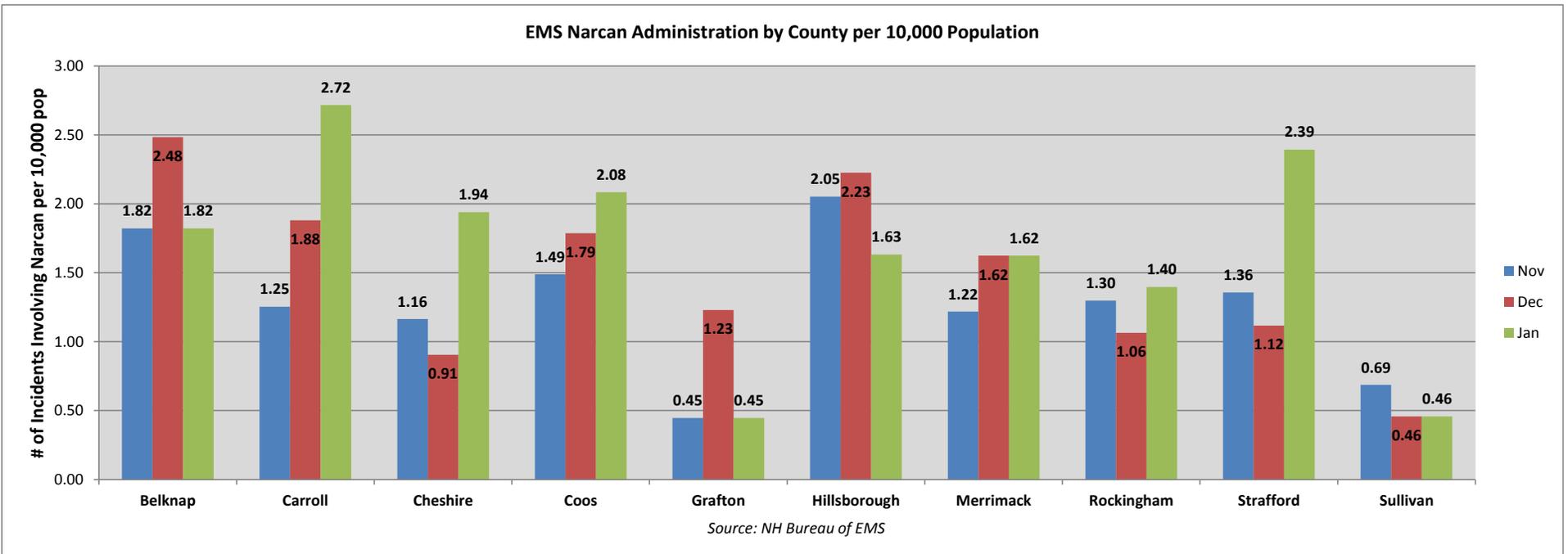
EMS Narcan Administration (Continued):

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



EMS Narcan Administration—Lives Saved												
Source: NH Bureau of EMS	2016											2017
RODS Outcome	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
No Improvement	87	104	97	97	117	138	87	111	109	87	88	73
Some Improvement	35	40	29	30	38	23	22	20	19	14	23	30
Negative Improvement	1	3	0	2	7	10	19	11	10	12	13	14
Lives Saved	123	94	94	104	105	103	77	110	85	82	86	97
Total	246	241	330	233	267	274	205	252	223	195	210	214

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 2/1/2016 - 1/31/2017

Data Source: New Hampshire Bureau of EMS

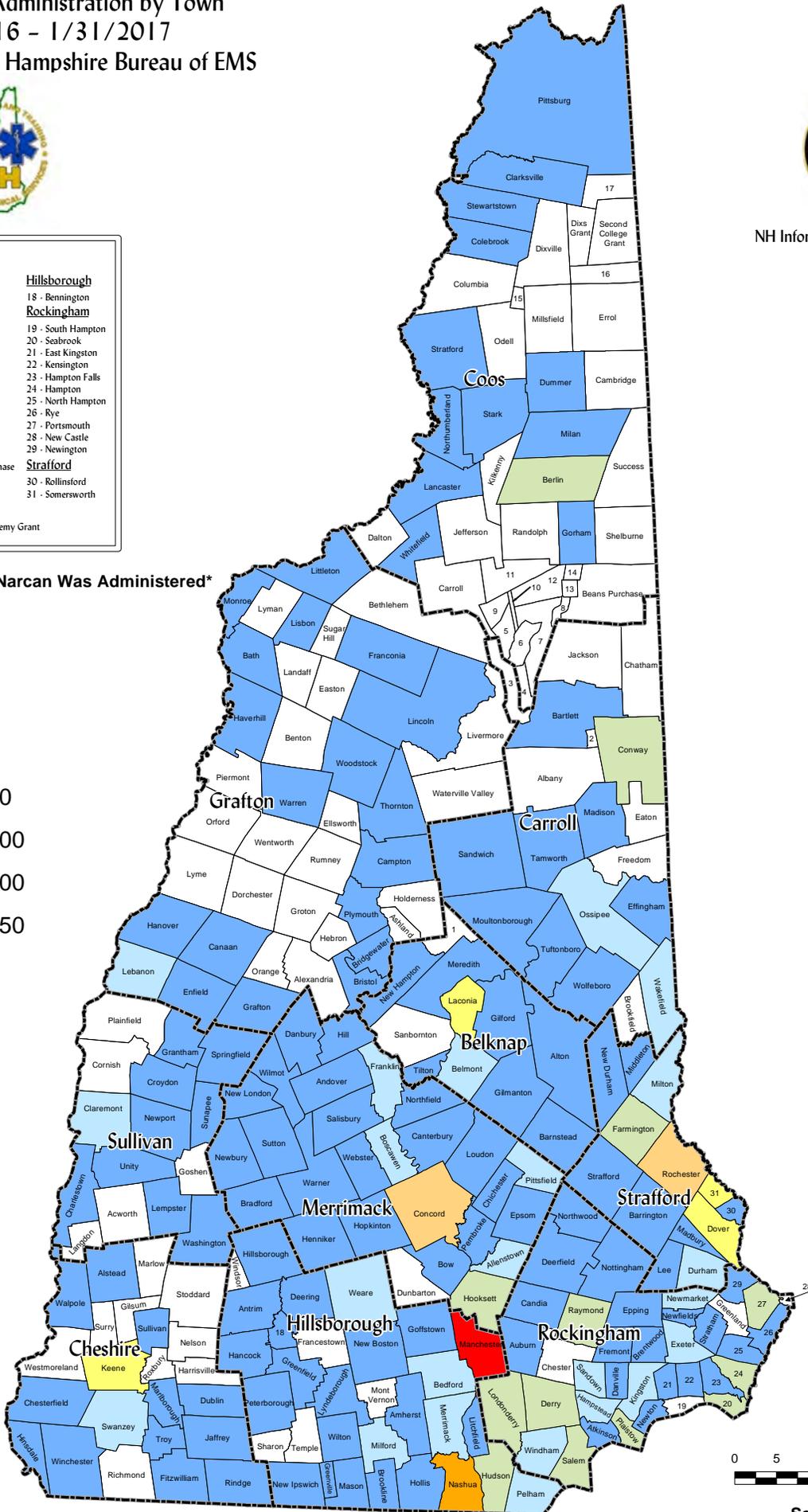
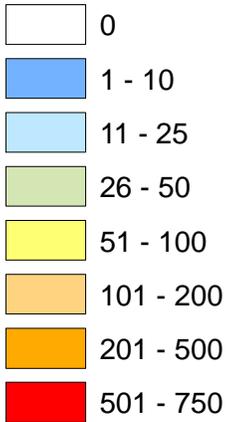


Prepared by:
NH Information & Analysis Center

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 - Sargentis 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 & Gilmanton Academy Grant	

Incidents Where Narcan Was Administered



Scale: 1:1,150,000

Opioid Related Emergency Department Visits:

Data Source: NH Division of Public Health Services



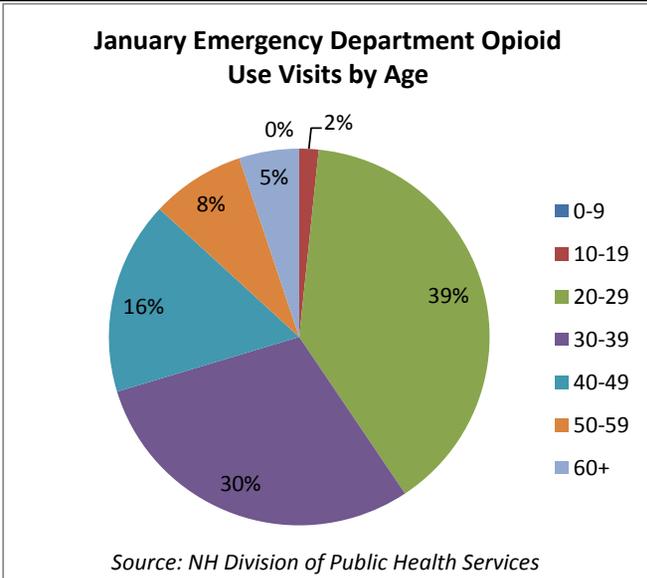
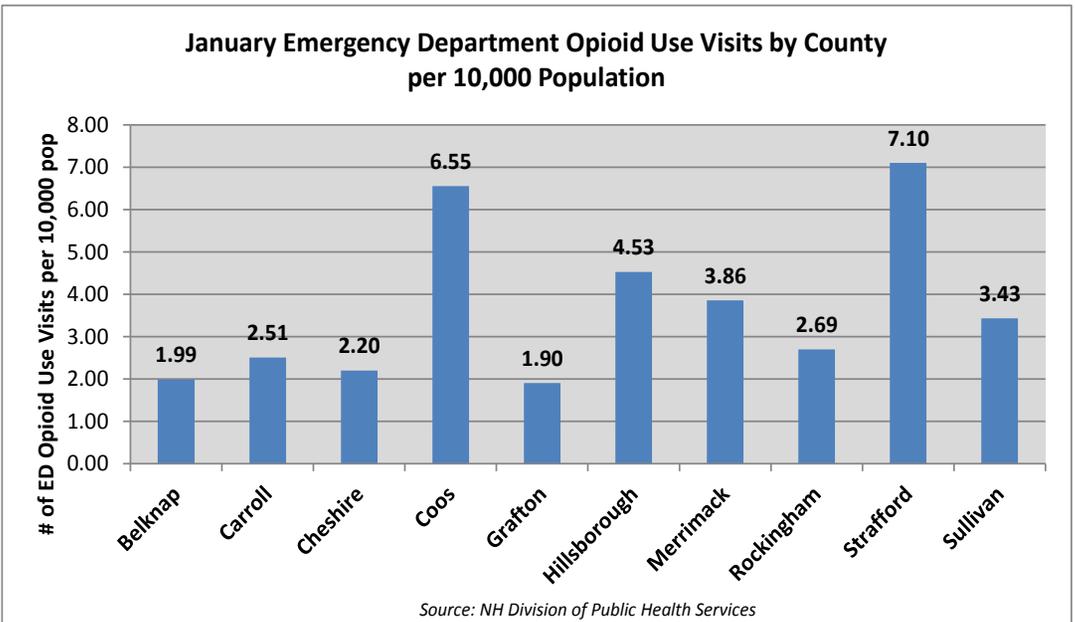
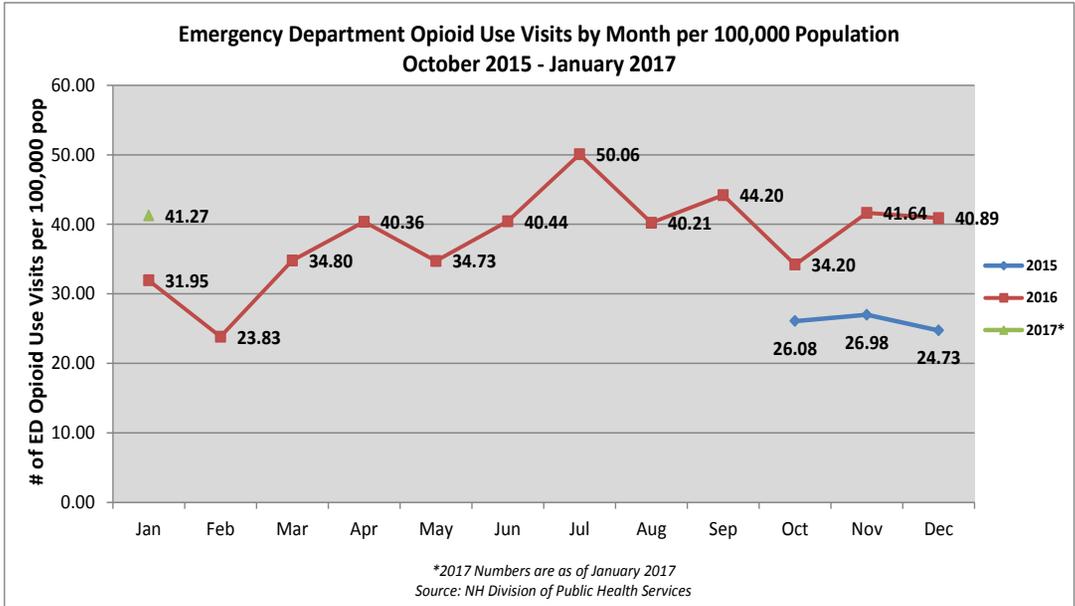
Double click on the paperclip to view additional data.

Trends:

- Opioid related ED visits increased by 1% from December—January 2017.
- In January residents from Strafford County had the most opioid related ED visits per capita with 7.10 visits per 10,000 population.
- Based on absolute numbers residents from Hillsborough County had the most opioid related ED visits with 183 visits in January.
- The age group with the largest number of opioid related ED visits is 20-29 which represents 39% of all opioid related ED visits for January.

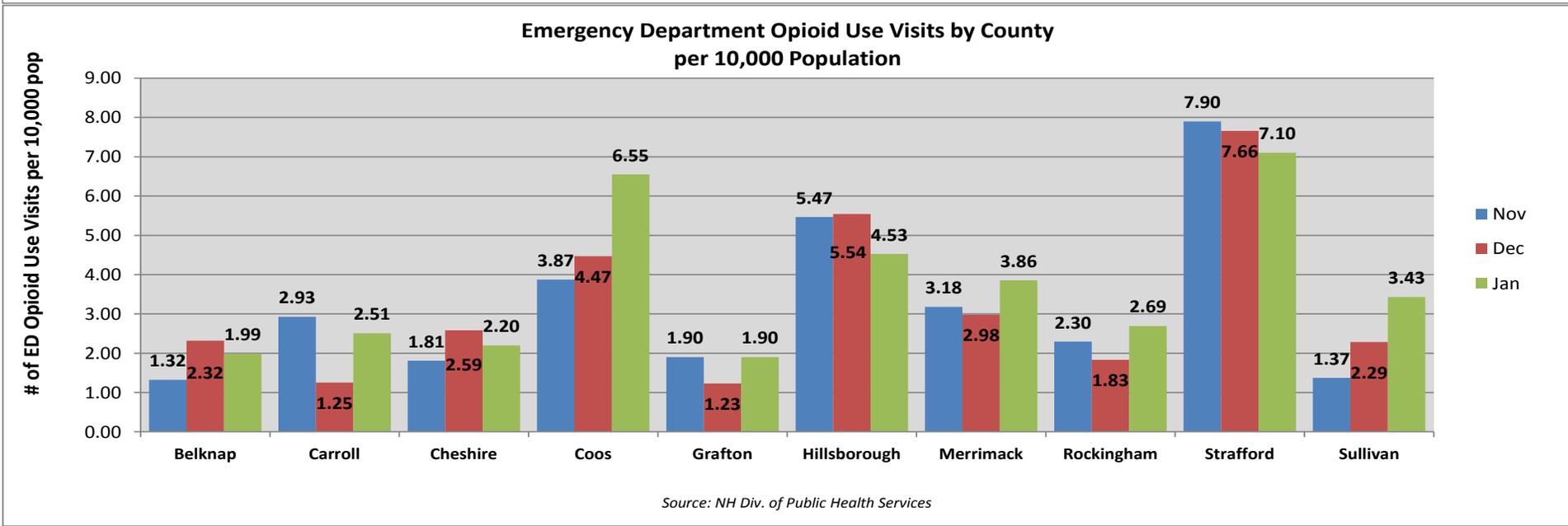
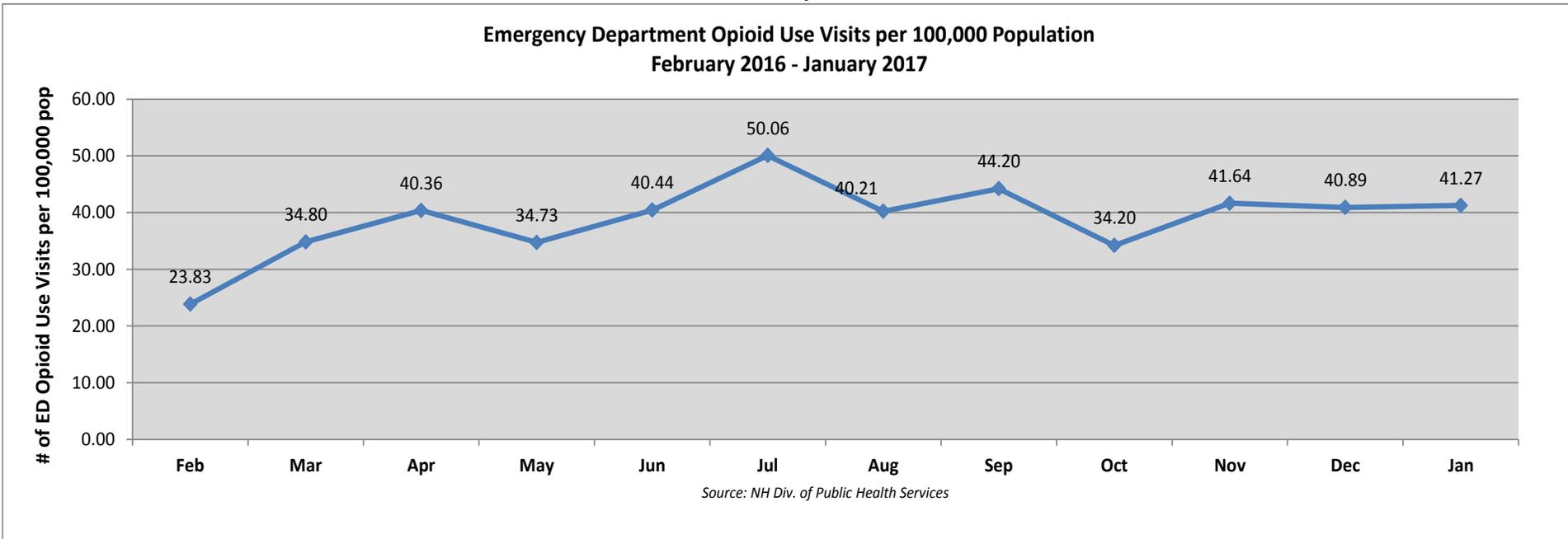
***** IMPORTANT DATA NOTES *****

- 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.



Opioid Related Emergency Department Visits (Continued):

Data Source: NH Division of Public Health Services



Opioid/Opiate Treatment Admissions:

Data Source: NH Bureau of Drug & Alcohol Services



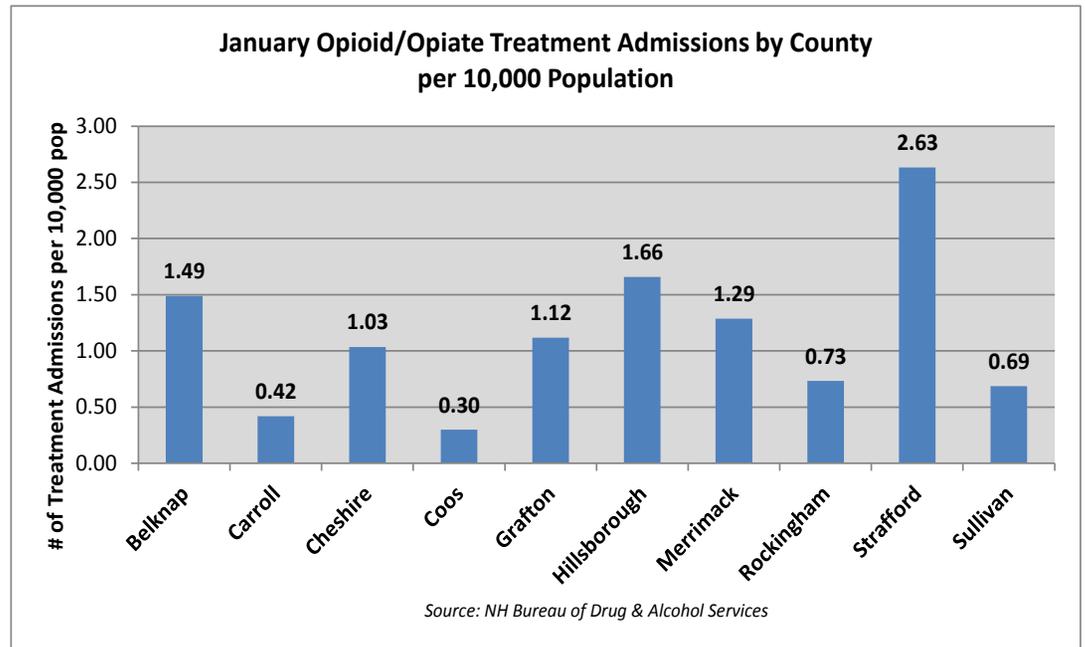
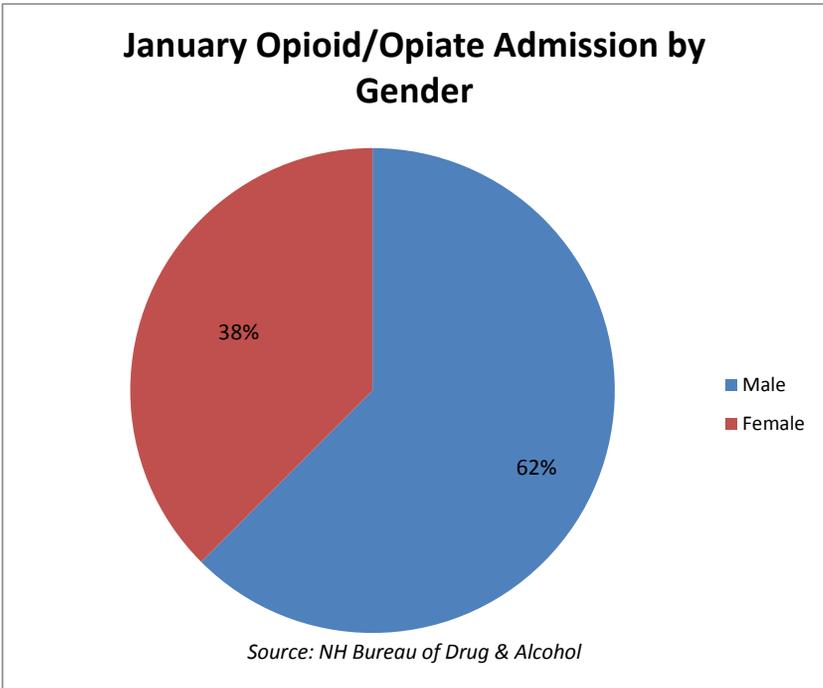
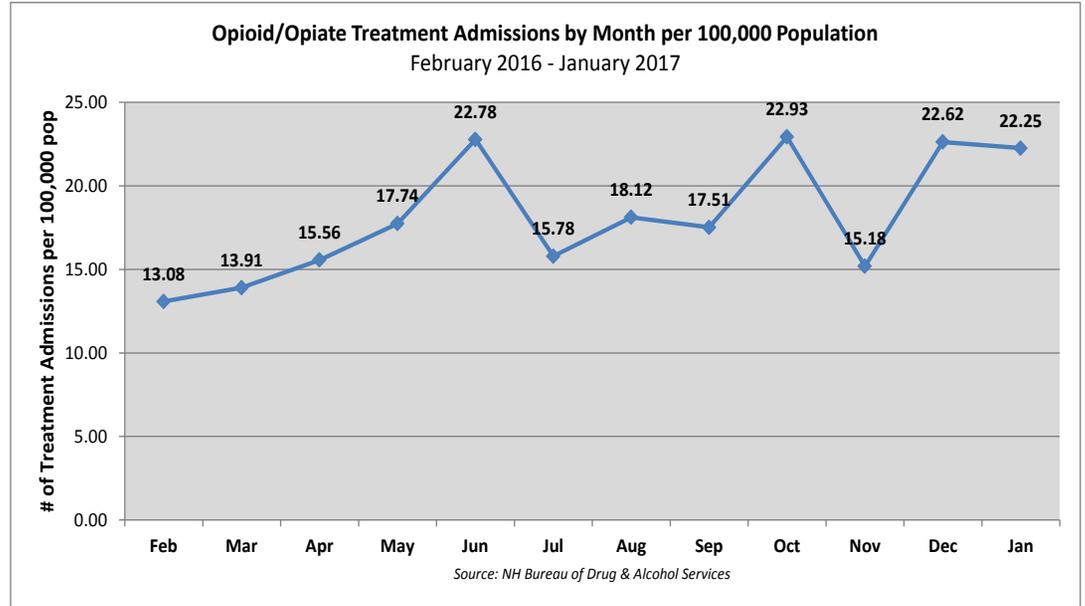
Double click on the paperclip to view additional data.

Trends:

- Opioid/opiate treatment admissions decreased by 1.6% from December to January.
- In January residents from Strafford County were admitted most often for opioid/opiate treatment per capita with 2.63 admissions per 10,000 population.
- Based on absolute numbers Hillsborough County had the most opioid/opiate treatment admissions with 67 admissions in January.
- More males than females were admitted to treatment programs in January for opioid/opiate use.

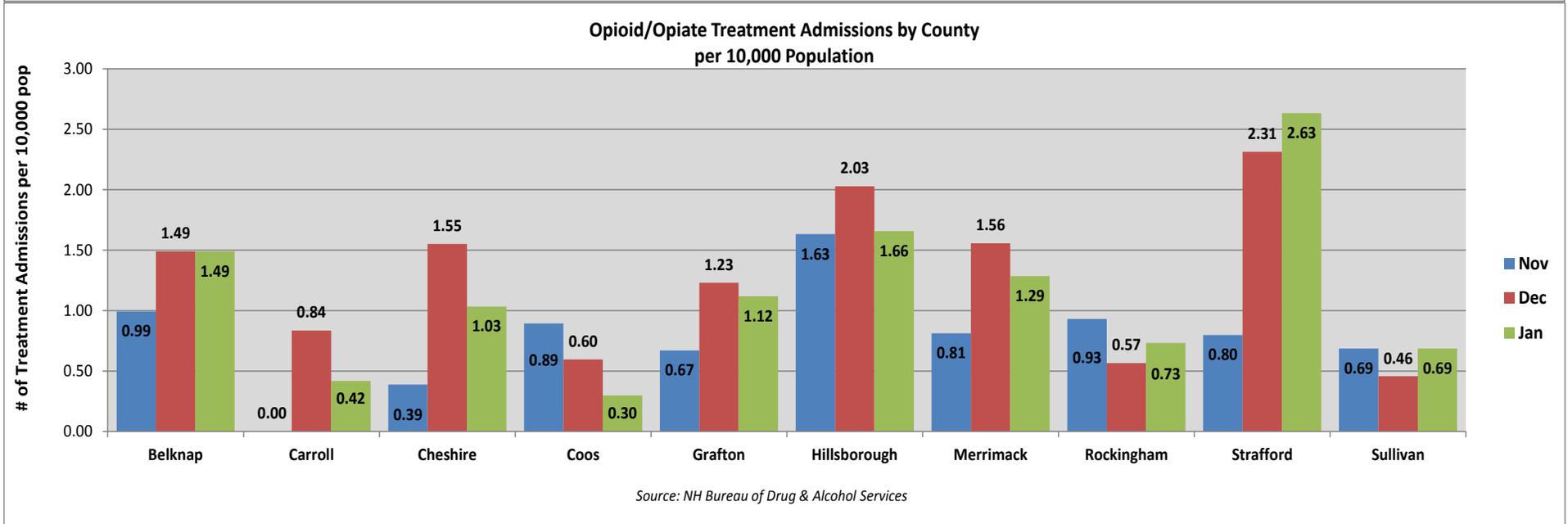
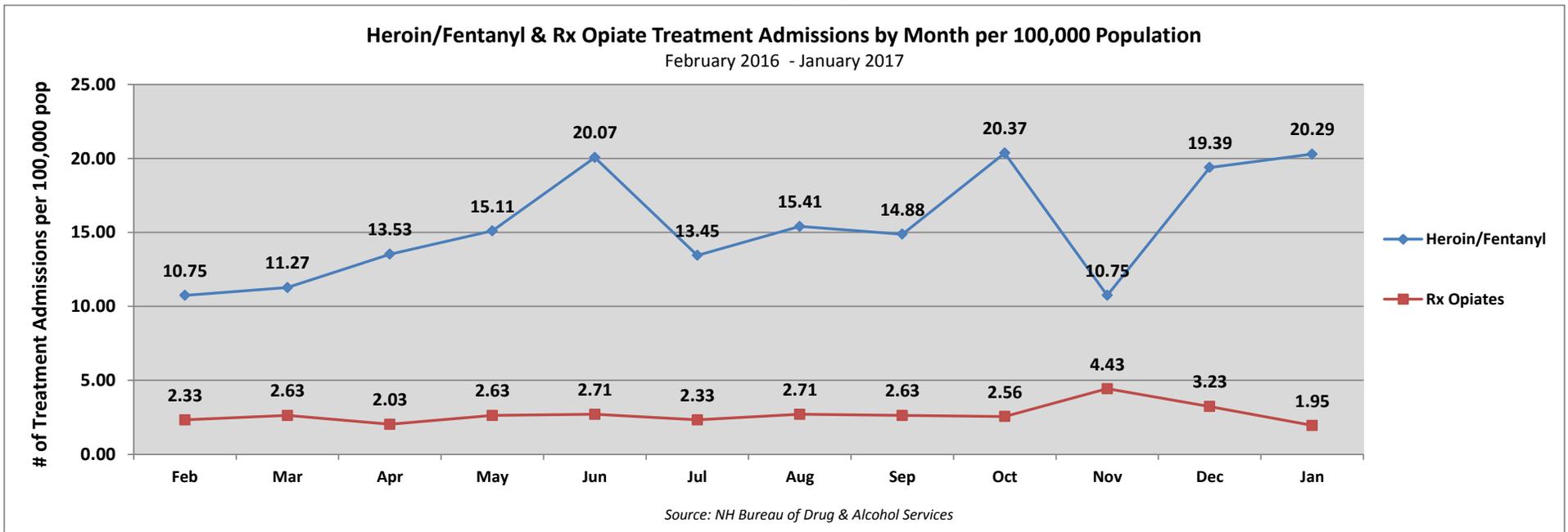
***** IMPORTANT DATA NOTES *****

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

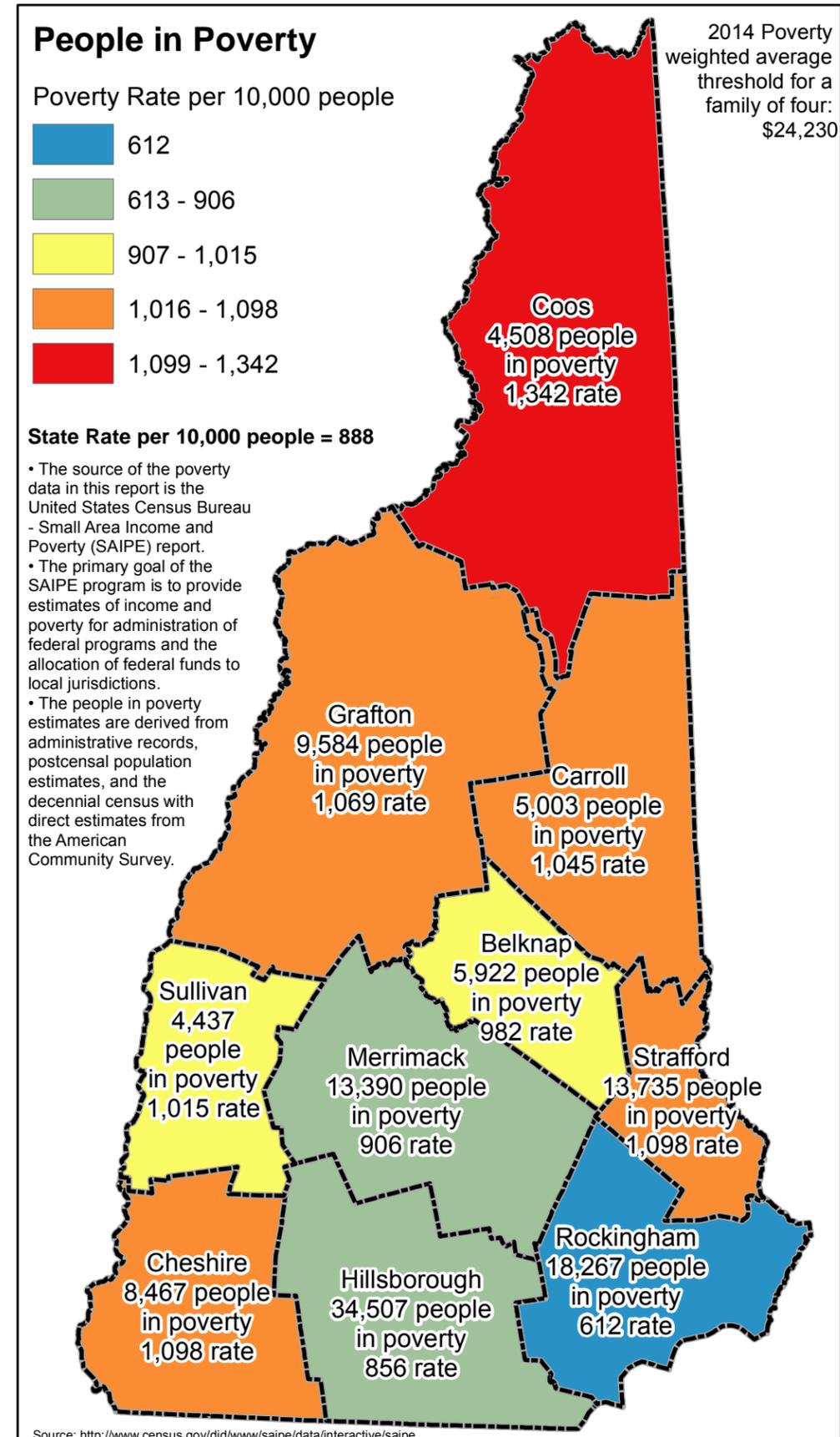
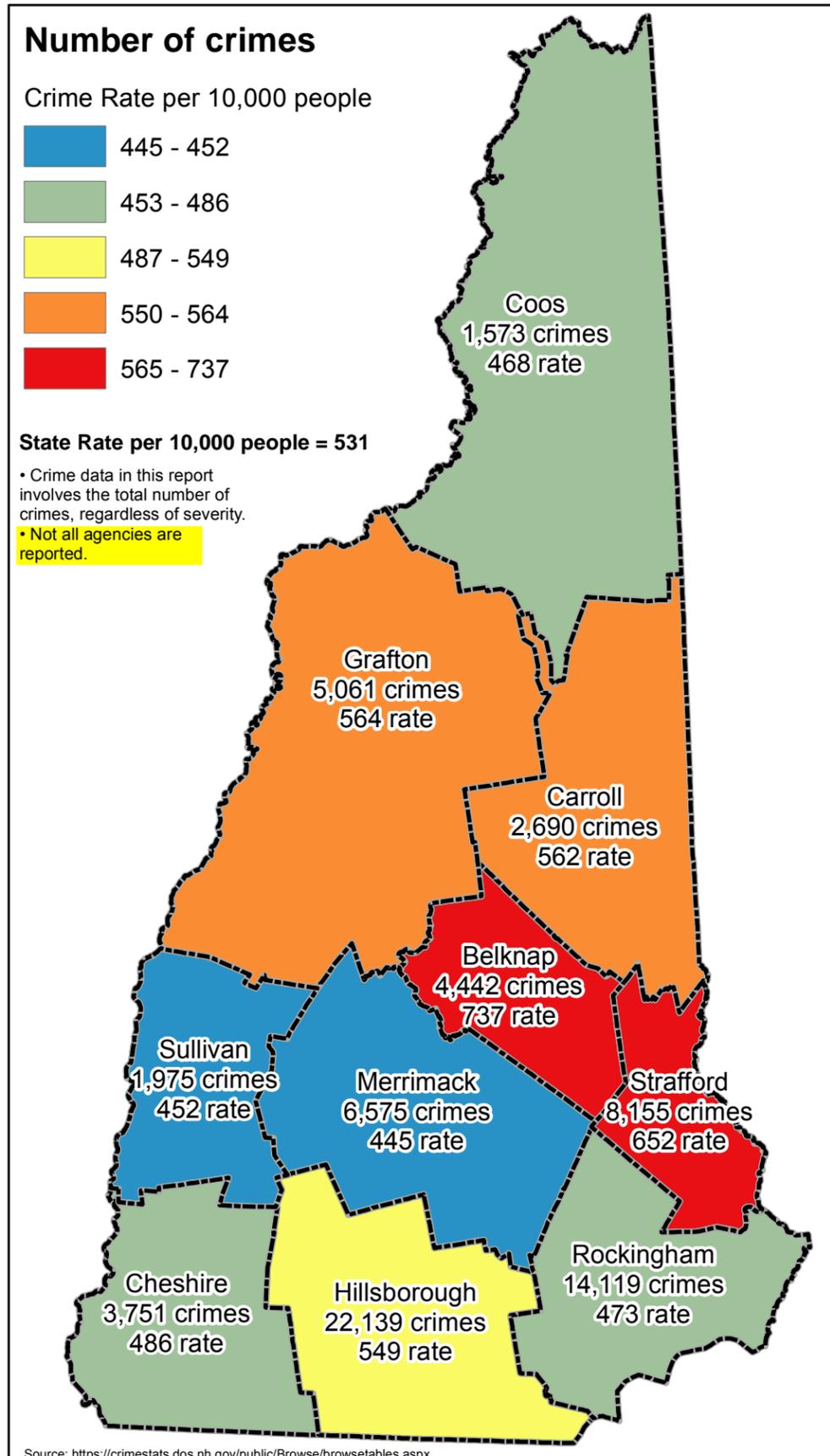
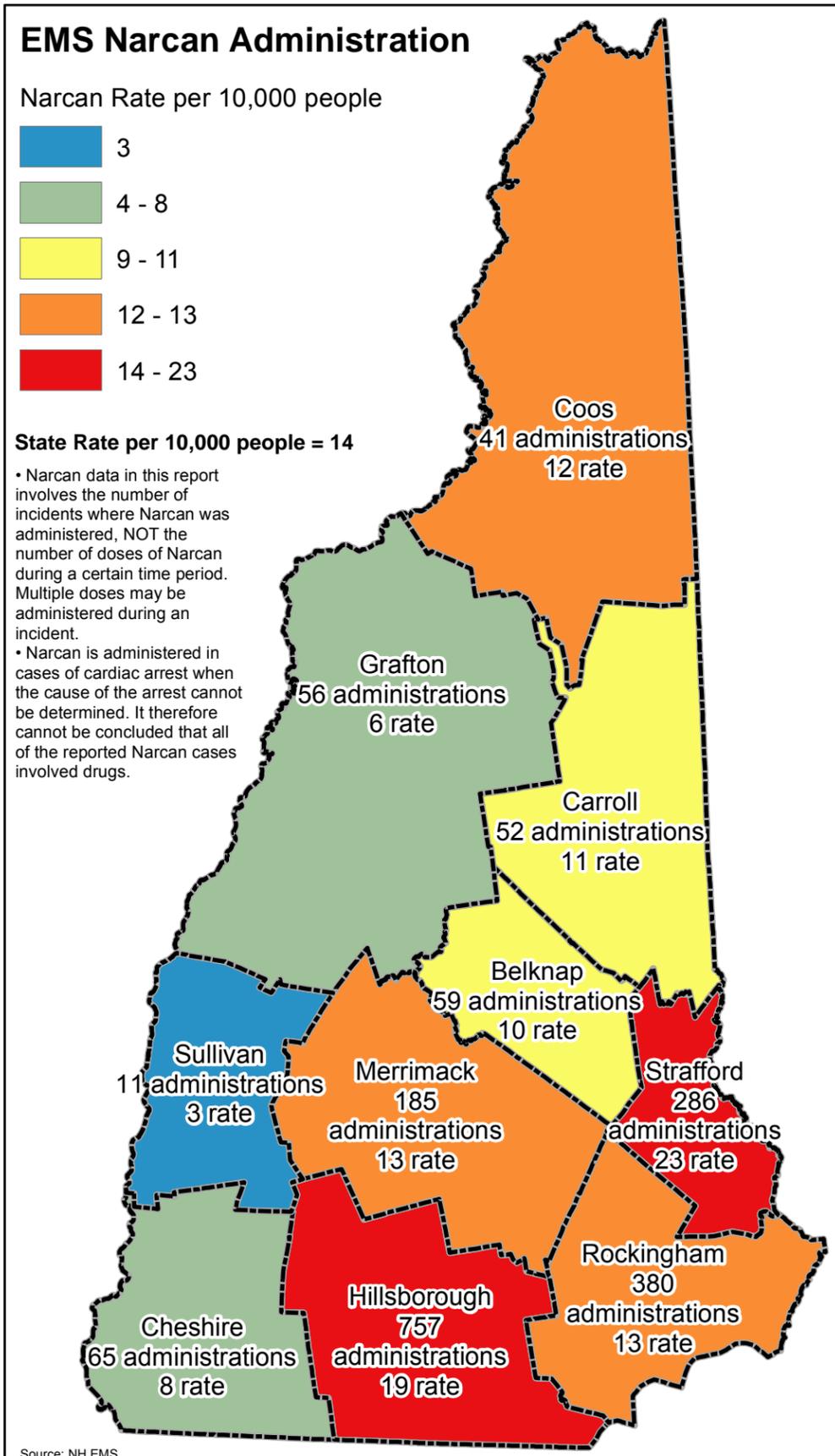


Opioid/Opiate Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services



New Hampshire 2014 Comparison by County



Situational Awareness:



NEW HAMPSHIRE SAFE STATIONS

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

	Manchester	Nashua
As of:	2/3/2017	2/15/2017
• Number of requests at MFD/NFR for Safe Station:	1166	144
• Number of participants transported to Hospitals:	109	18
• Number of participants taken to HOPE in NH:	347	N/A
• Number of participants taken to Serenity Place:	706	N/A
• Number of participants taken to PSL facilities:	N/A	212
• Number of participants seen for ODs prior to seeking SS Help:	—	26
• Average Length of Time MFD/NRF Company “Not Available”:	14 min	11:13 min
• Number of <u>UNIQUE</u> participants:	877	121
• Number of <u>REPEAT</u> participants:	169	22
• Age Range of Participants:	18-70	18-61

Nashua Police Say 6 Arrested on Drug Charges as Part of Granite Hammer

According to the Union Leader, Nashua police said they arrested six people on drug crimes last week as part of Operation Granite Hammer. Omar Rodriguez, 19, was arrested for sale of heroin and sale of crack cocaine. Jessica Preston, 39 was arrested for possession of Suboxone. Brian Poulin, 38 was arrested for possession of cocaine. Eric Perry, 21, was arrested for possession of Suboxone. Bruce Lee, 34, was arrested for sale of Oxycodone. Michael Alonzo, 29, was arrested for sale of heroin.

www.unionleader.com 2/20/2017

Report Says Manchester Making Progress in Combating the Opioid Crisis

According to NHPR, a 24-page report released this week, Manchester seems to have made a dent in the opioid crisis. Nearly 4,000 grams of drugs were seized in the city, thousands of people accessed treatment and 63 more residential beds were added. The City’s public health director Tim Soucy says this shows Manchester is heading in the right direction. “A lot has gone on in Manchester—a lot of people are working together both within and outside the city. We all recognize that this has reached crisis proportions and everyone has come out of their silos and said what can we do to pitch in and make it better,” Soucy said. But Soucy stresses more needs to be done such as providing more supportive and sober housing, adding treatment for youth and building extra space for some of the already existing treatment facilities.

Source: www.nhpr.org

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>	