New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

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NHIAC Product #: 2019-3953

November 2019 Report

24 December 2019

Purpose: *The NH Drug Monitoring Initiative (DMI) is a holistic strategy to provide awareness and combat drug distribution and misuse. 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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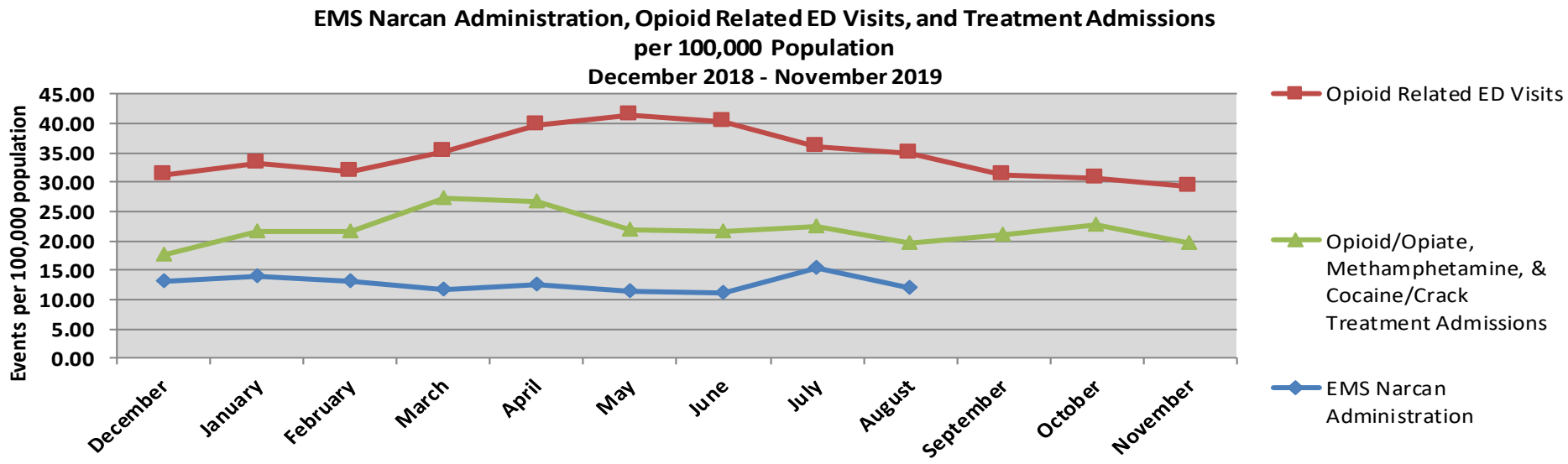
Previous versions of the Drug Environment Report can be found at: https://www.dhhs.nh.gov/dcbcs/bdas/data.htm

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

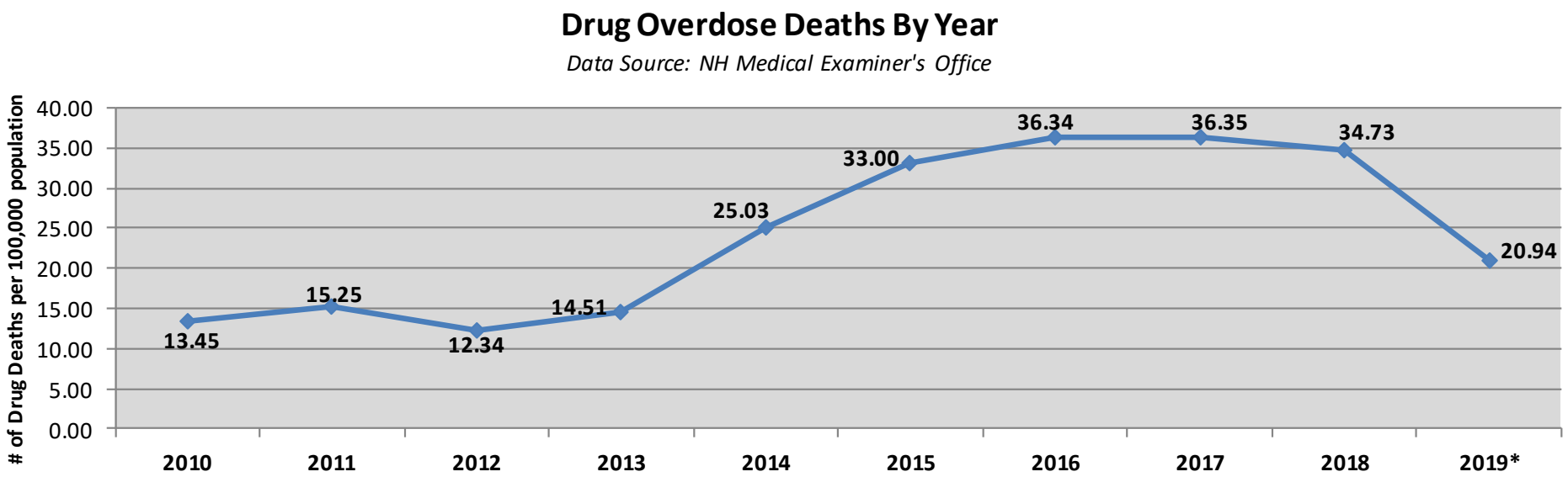
⇒ Population data source: http://www.nh.gov/osi/data-center/population-estimates.htm
- Year/month overview charts are based on annual estimates from the above website. County charts are based on a 2017 estimated population of each county.

⇒ 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:



Source: NH Division of Public Health Services, NH Bureau of Drug & Alcohol Services, and NH Bureau of EMS



2019 numbers are not finalized, and are based on analysis as of 05 December 2019

Drug Overdose Deaths:

Data Source: NH Medical Examiner's Office

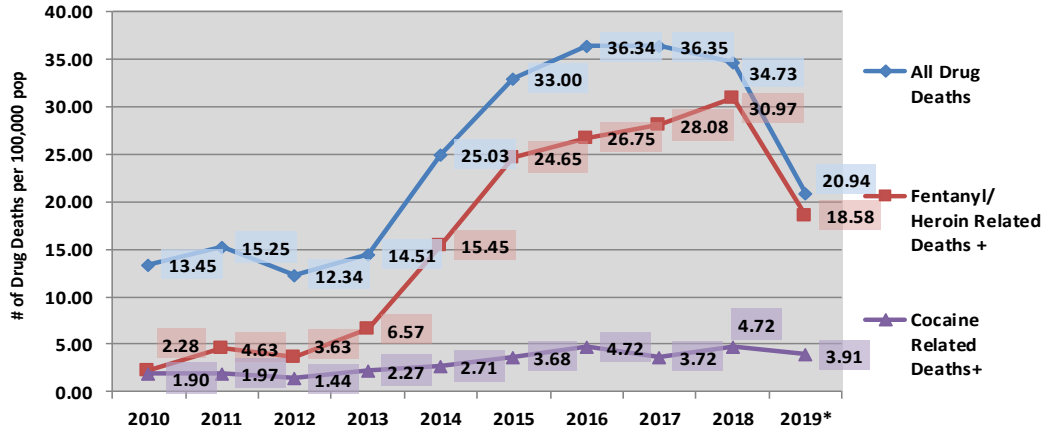
Right click on the paperclip and select "Open File" to view additional data.

Trends:

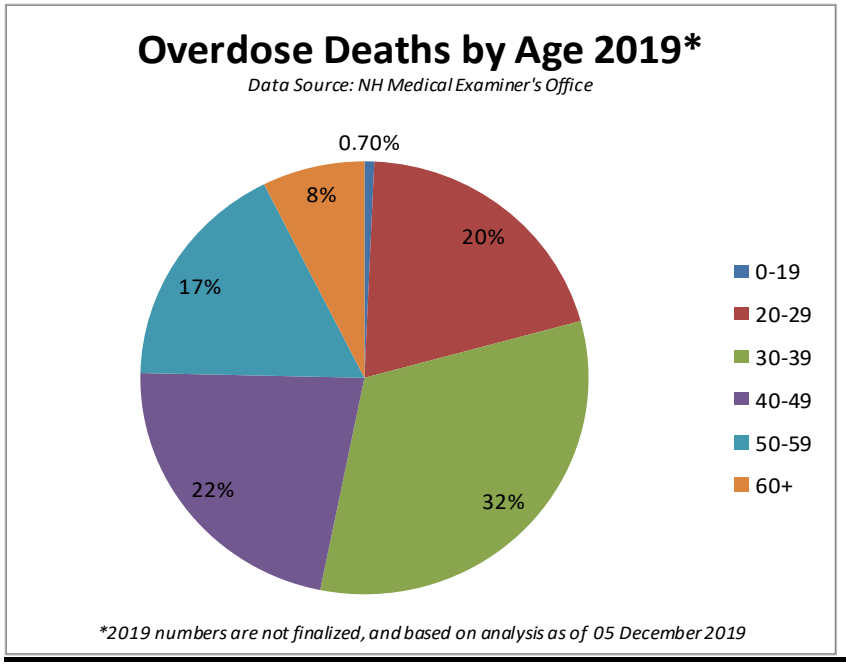
- **As of 05 December there were 284 total, confirmed drug overdose deaths, and there are 80 cases pending toxicology, for 2019.**
- Thus far in 2019, Hillsborough County continues to have the highest suspected drug use resulting in overdose deaths per capita, at 2.64 deaths per 10,000 population, while Strafford County is second, with 2.58 per 10,000 population.
- The age group with the largest number of drug overdose deaths is 30-39 years, which represents 32% of all overdose deaths for 2019.

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

- Analysis is based on county where the drug (s) is suspected to have been used.



**2019 numbers are not finalized, and are based on analysis as of 05 December 2019*
+ Cocaine and Fentanyl/Heroin Related deaths are not mutually exclusive, several deaths involved both categories



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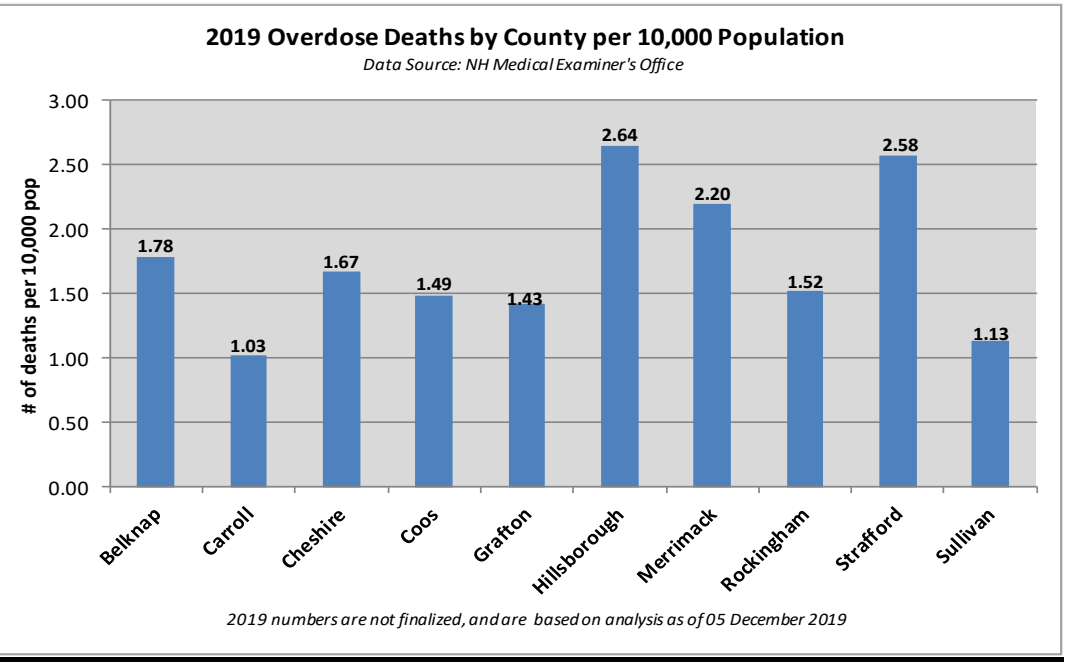
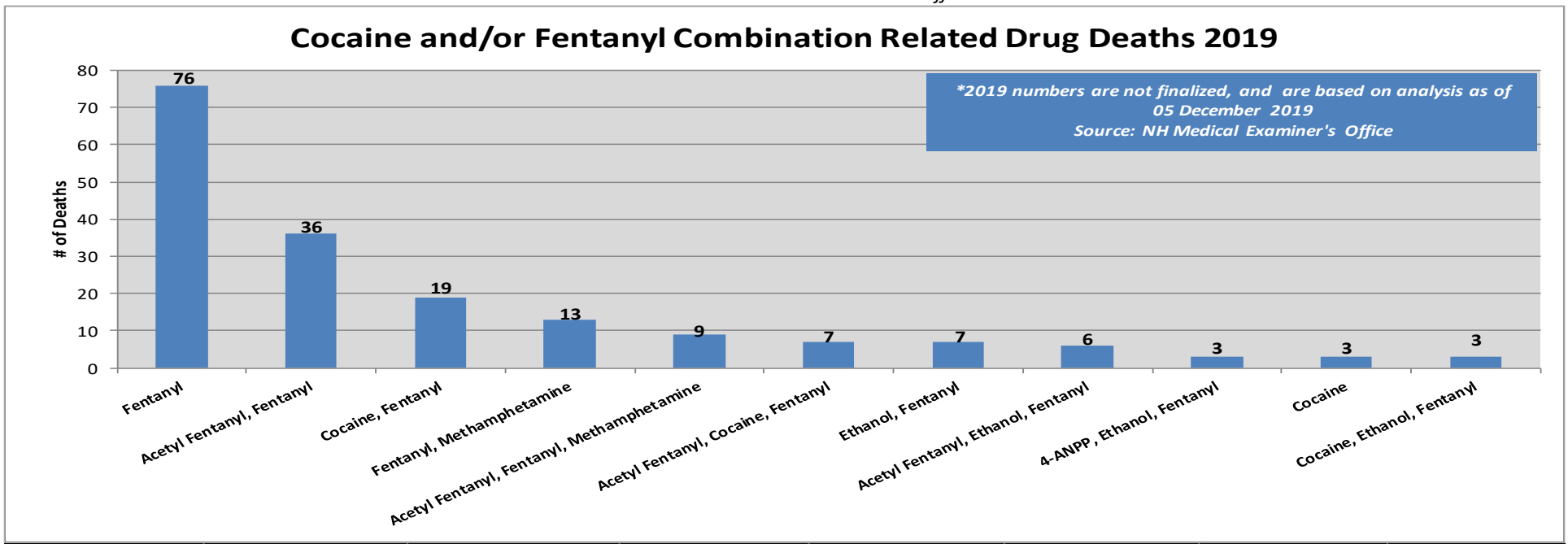


2019 numbers are not finalized, and are based on analysis as of 05 December 2019

Drug Overdose Deaths (Continued):

Data Source: NH Medical Examiner's Office



Cocaine and/or Fentanyl Combination Related Drug Deaths that were noted once or twice*							
Acetyl Fentanyl, Cocaine, Fentanyl, Methamphetamine	4-ANPP, Acetyl Fentanyl, Fentanyl	Acetyl Fentanyl, Alprazolam, Cocaine, Cyclobenzaprine, Diphenhydramine, Fentanyl	Acetyl Fentanyl, Diazepam, Ethanol, Fentanyl, Heroin, Oxycodone	Alcohol, Diphenhydramine, Fentanyl	Carfentanil, Ethanol, Fentanyl, Gabapentin, Methamphetamine	Clonazepam, Fentanyl, Morphine	Cyclobenzaprine, Diazepam, Ethanol, Fentanyl
Cocaine, Diazepam, Fentanyl	4-ANPP, Acetyl Fentanyl, Fentanyl, Valeryl Fentanyl	Acetyl Fentanyl, Alprazolam, Cocaine, Ethanol, Fentanyl	Acetyl Fentanyl, Ethanol, Fentanyl, Oxycodone	Alprazolam, Amphetamines, Cocaine, Fentanyl	Chlorpheniramine, Cocaine, Dextro/levomethorphan, Ethanol, Fentanyl, pseudoepherdrine, Tramadol	Cocaine, Ethanol, Fentanyl, Methamphetamine	Cyclobenzaprine, Ethanol, Fentanyl, Hydroxyzine
Cocaine, Fentanyl, Methamphetamine	4-ANPP, Fentanyl, Trazodone, Zolpidem	Acetyl Fentanyl, Amphetamines, Cocaine, Fentanyl	Acetyl Fentanyl, Fentanyl, Gabapentin, Sertraline	Alprazolam, Amphetamines, Fentanyl, Oxycodone	Citalopram/escitalopram, Clonazepam, Cocaine, Ethanol, Fentanyl	Cocaine, Fentanyl, Heroin	Cyclobenzaprine, Fentanyl, Gabapentin, Trazodone
Ethanol, Fentanyl, Methamphetamine	Acetyl Fentanyl, Alprazolam, Amphetamines, Clonazepam, Cocaine, Diazepam, Fentanyl, Methadone	Acetyl Fentanyl, Clonazepam, Fentanyl	Acetyl Fentanyl, Fentanyl, Methadone	Alprazolam, Cocaine, Fentanyl	Clonazepam, Cocaine, Fentanyl	Cocaine, Fentanyl, Meprobamate	Diazepam, Ethanol, Fentanyl
4-ANPP, Acetyl Fentanyl, Ethanol, Fentanyl	Acetyl Fentanyl, Alprazolam, Clonazepam, Fentanyl, Methamphetamine	Acetyl Fentanyl, Clonazepam, Fentanyl, Hydroxyzine, Mirtazapine, Nordiazepam, Risperidone, Trazodone	Acetyl Fentanyl, Fentanyl, Oxycodone	Alprazolam, Diphenhydramine, Fentanyl	Clonazepam, Diazepam, Fentanyl	Cocaine, Fentanyl, Methadone	Diazepam, Fentanyl, Methamphetamine
Cyclobenzaprine, Diazepam, Ethanol, Fentanyl	Cyclobenzaprine, Ethanol, Fentanyl, Hydroxyzine	Acetyl Fentanyl, Cocaine, Ethanol, Fentanyl	Acetyl Fentanyl, Fentanyl, Valeryl Fentanyl	Amphetamines, Ethanol, Fentanyl	Clonazepam, Ethanol, Fentanyl, Gabapentin, Trazodone	Cocaine, Fentanyl, Mitragynine	Ethanol, Fentanyl, Heroin
Cyclobenzaprine, Diazepam, Ethanol, Fentanyl	Cyclobenzaprine, Ethanol, Fentanyl, Hydroxyzine	Cyclobenzaprine, Fentanyl, Gabapentin, Trazodone	Diazepam, Ethanol, Fentanyl	Diazepam, Fentanyl, Methamphetamine	Ethanol, Fentanyl, Heroin	Ethanol, Fentanyl, Heroin, Methadone	Ethanol, Fentanyl, Heroin, Methadone
Ethanol, Fentanyl, Oxycodone	Fentanyl, Heroin	Fentanyl, Methadone, Zolpidem	Fentanyl, Methamphetamine, Venlafaxine	Fentanyl, Oxycodone			
*Cells filled with gray indicate combinations noted twice							

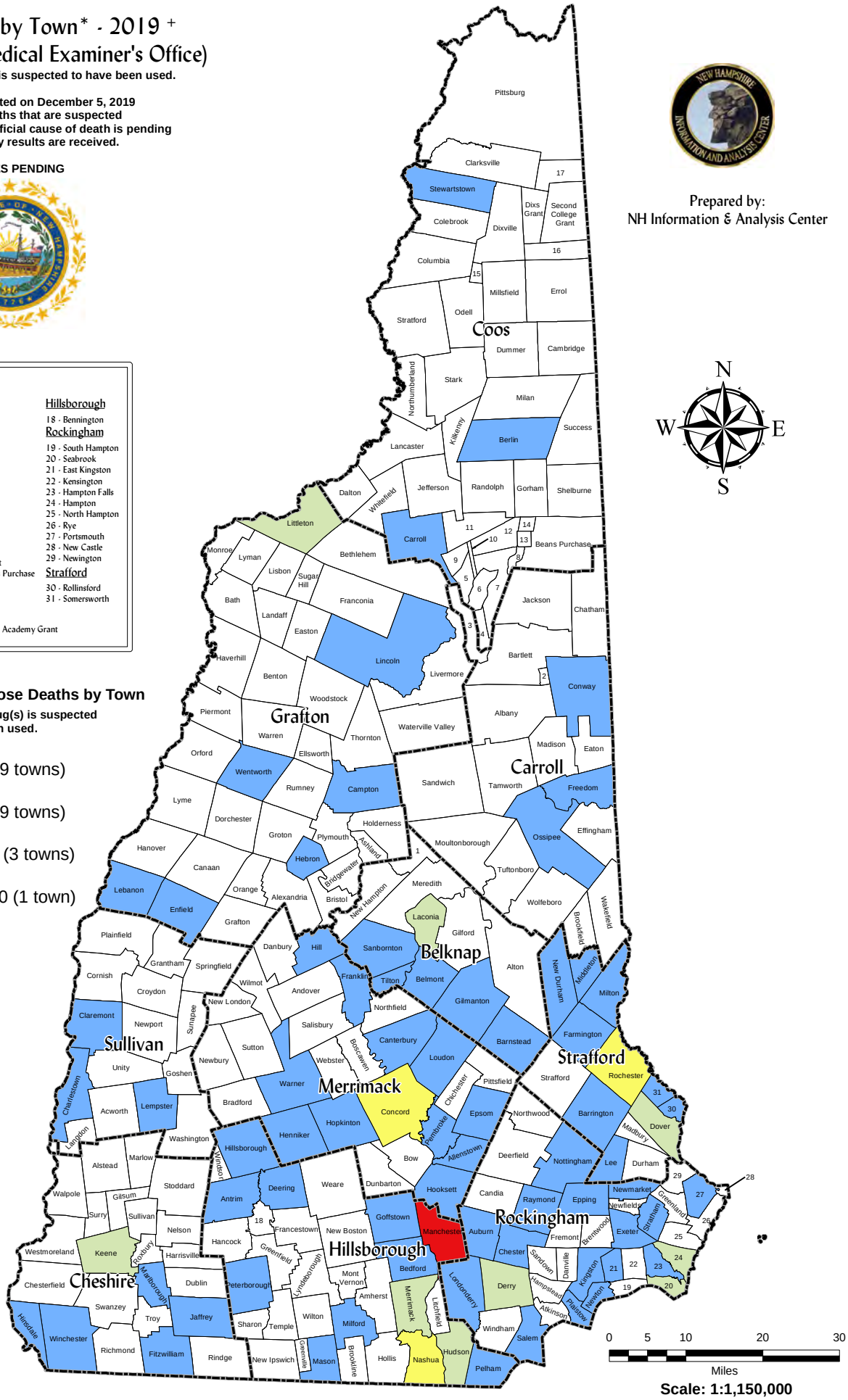
Overdose Deaths by Town* - 2019 +
(Data Source: NH Medical Examiner's Office)

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

**+2019 data was reported on December 5, 2019
There are more deaths that are suspected
to be drug related, but the official cause of death is pending
until the toxicology results are received.**

80 CASES PENDING

Prepared by:
NH Information & Analysis Center



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Strafford
30 - Rollinsford
31 - Somersworth

Number of Overdose Deaths by Town

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

- 1 - 4 (69 towns)
- 5 - 10 (9 towns)
- 11 - 25 (3 towns)
- 51 - 100 (1 town)

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.

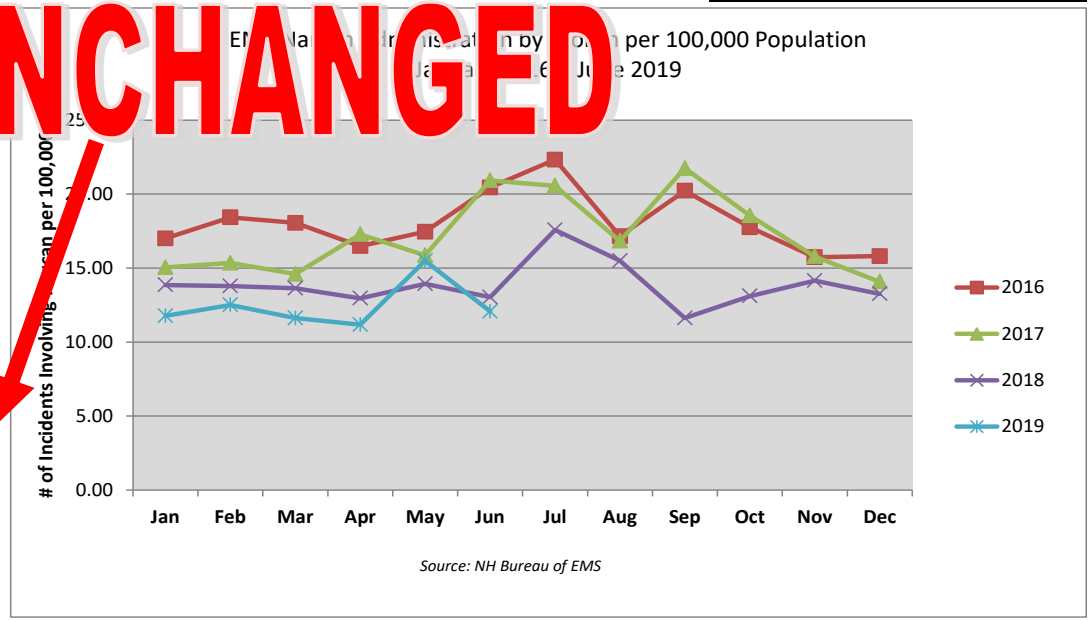
DATA UNCHANGED

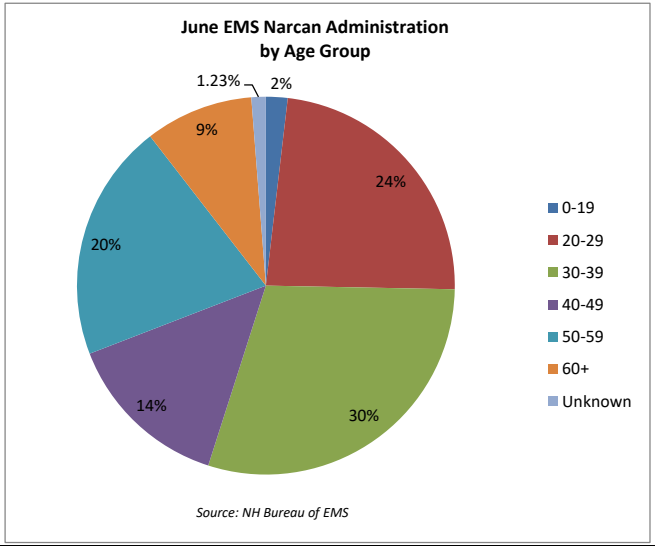
Trends:

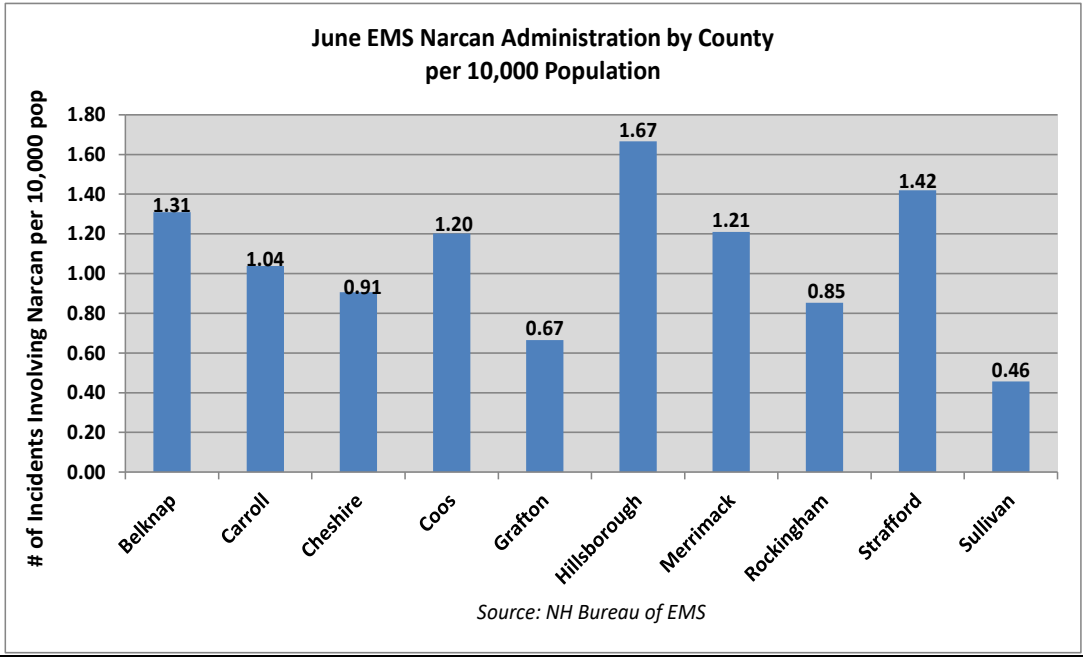
- EMS Narcan administration incide[illegible] d b[illegible] 22[illegible] m M[illegible] t[illegible] June.
- In June, Hillsborough County had t[illegible] EM[illegible] c[illegible] administration incidents per capita with 1.67 incidents per 10,000 population. Strafford County was second, with 1.42 incidents per 10,000 population.
- The age group with the largest number of EMS Narcan administration incidents was 30-39, representing 30% of all EMS Narcan administrations for June.

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

- TEMSIS, New Hampshire's Trauma and EMS Information System, is undergoing its final transition from NEMSIS V2 to the current NEMSIS V3 standard. Currently, the EMS Narcan data is incomplete for November, and will not be available until this transition is complete.
- 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*.



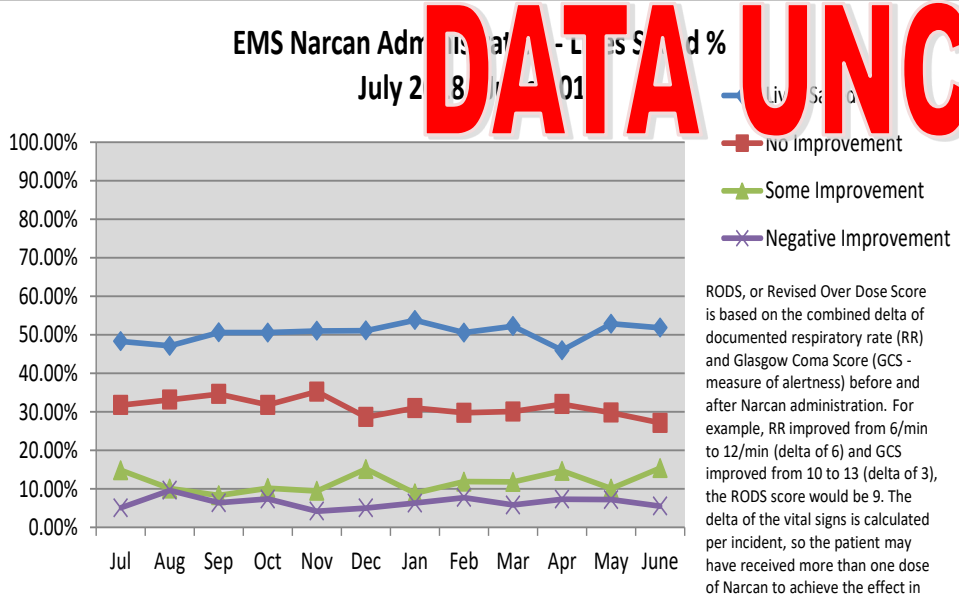




EMS Narcan Administration (Continued):

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

DATA UNCHANGED



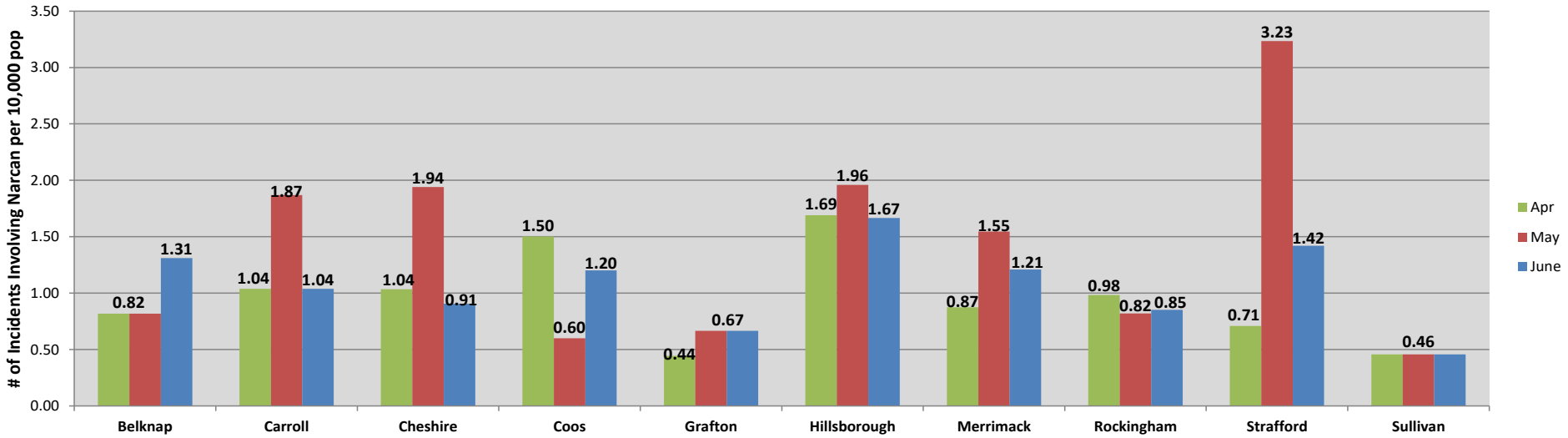
Source: NH Bureau of EMS

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.

	2018						2019					
					Sep		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Lives Saved *RODS Score of 8+*	114	98	79	89	97	91	85	85	82	69	110	84
Some Improvement *RODS Score of 1-7*	35	21	13	18	18	27	14	20	23	22	21	25
No Improvement *RODS Score of 0*	75	69	54	56	67	51	49	50	46	48	62	44
Negative Improvement *Negative RODS Score*	12	20	10	13	8	9	10	13	5	11	15	9
Total	**236**	**208**	**156**	**176**	**190**	**178**	**158**	**168**	**156**	**150**	**208**	**162**

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 Narcan Administration by County per 10,000 Population



Source: NH Bureau of EMS

EMS/Narcan Administration by Town
7/1/2018 – 6/30/2019
Data Source: New Hampshire Bureau of EMS

Prepared by:
NH Information & Analysis Center

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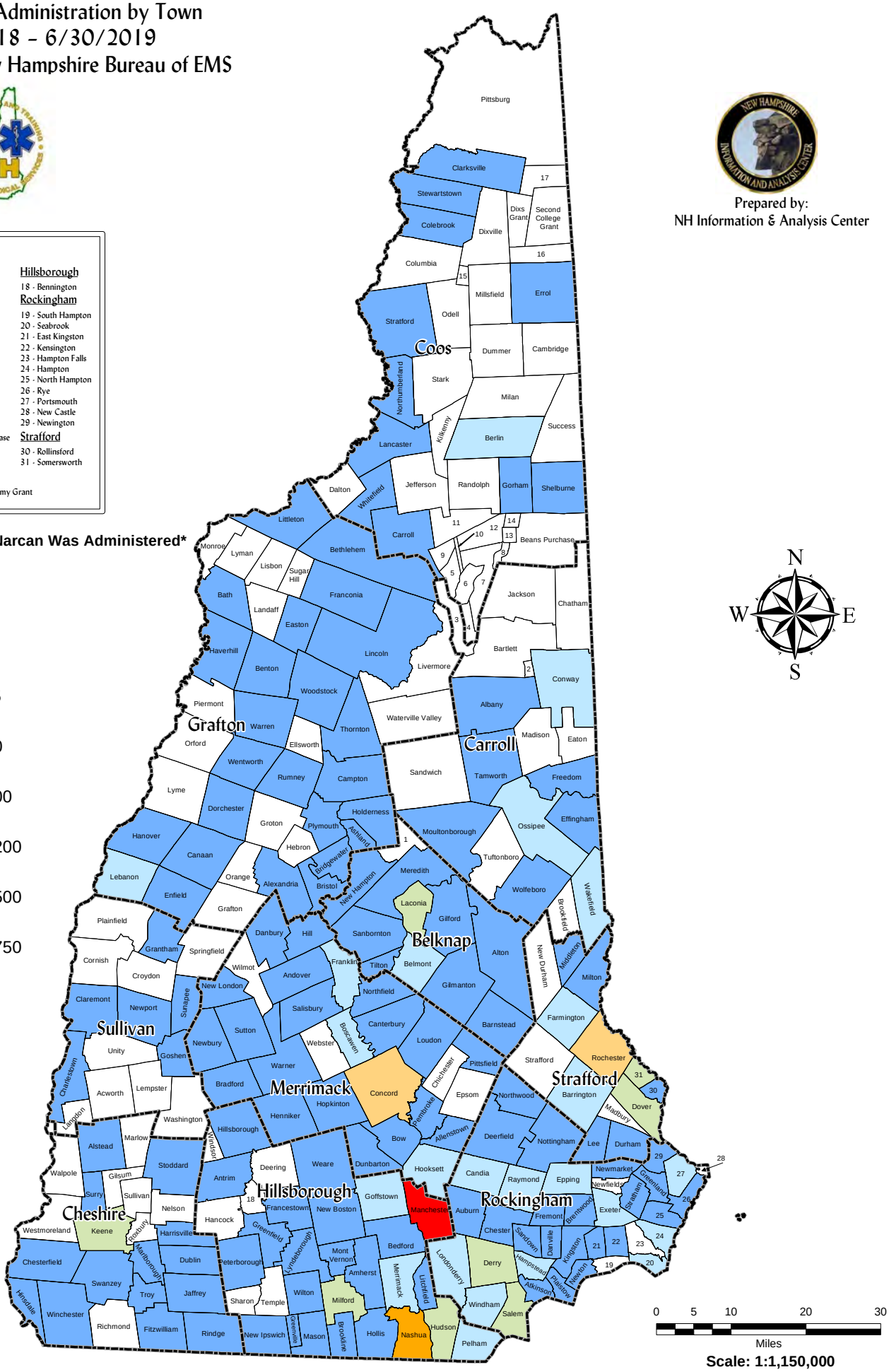
Incidents Where Narcan Was Administered

- 0
- 1 - 10
- 11 - 25
- 26 - 50
- 51 - 100
- 101 - 200
- 201 - 500
- 501 - 750



Opioid Related Emergency Department Visits:

Data Source: NH Division of Public Health Services

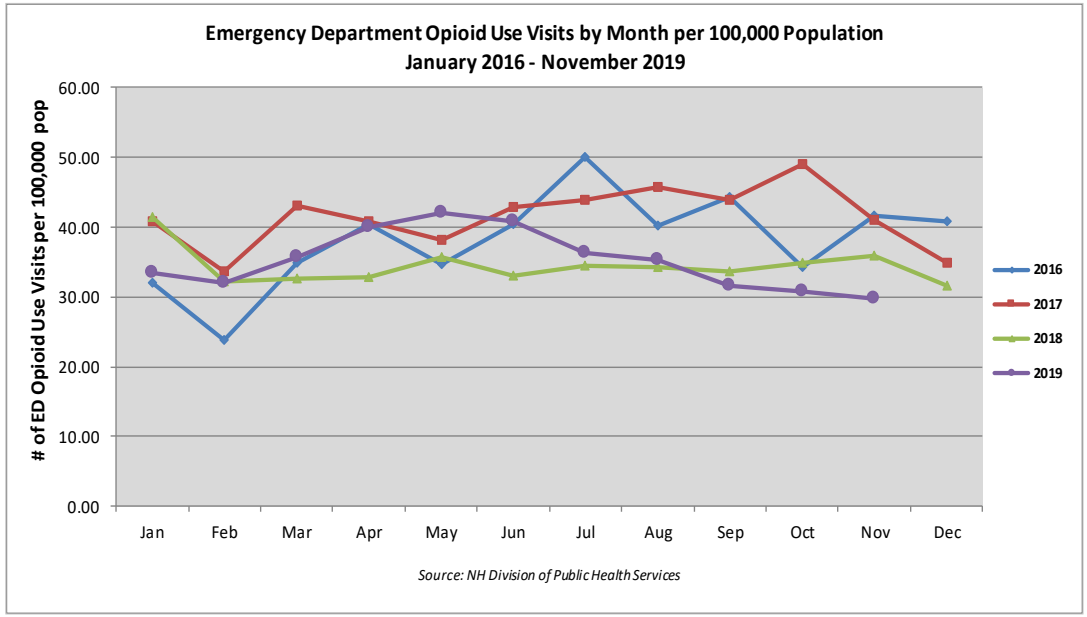
Right click on the paperclip and select "Open File" to view additional data.

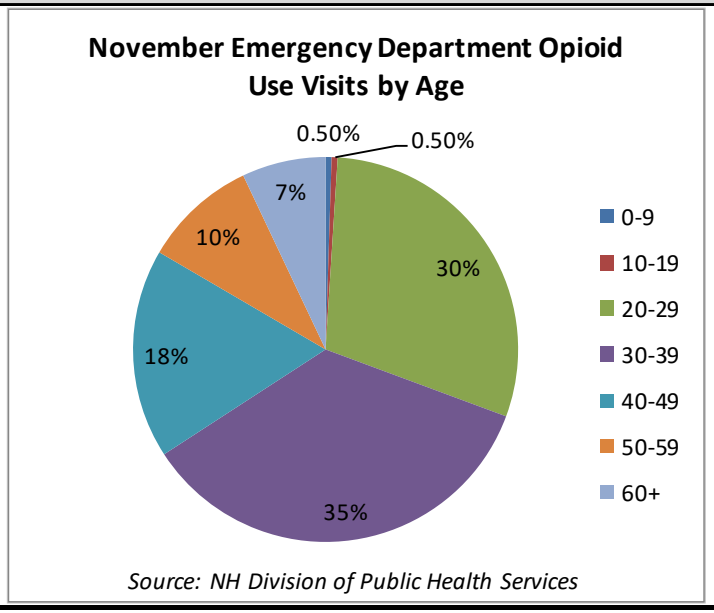
Trends:

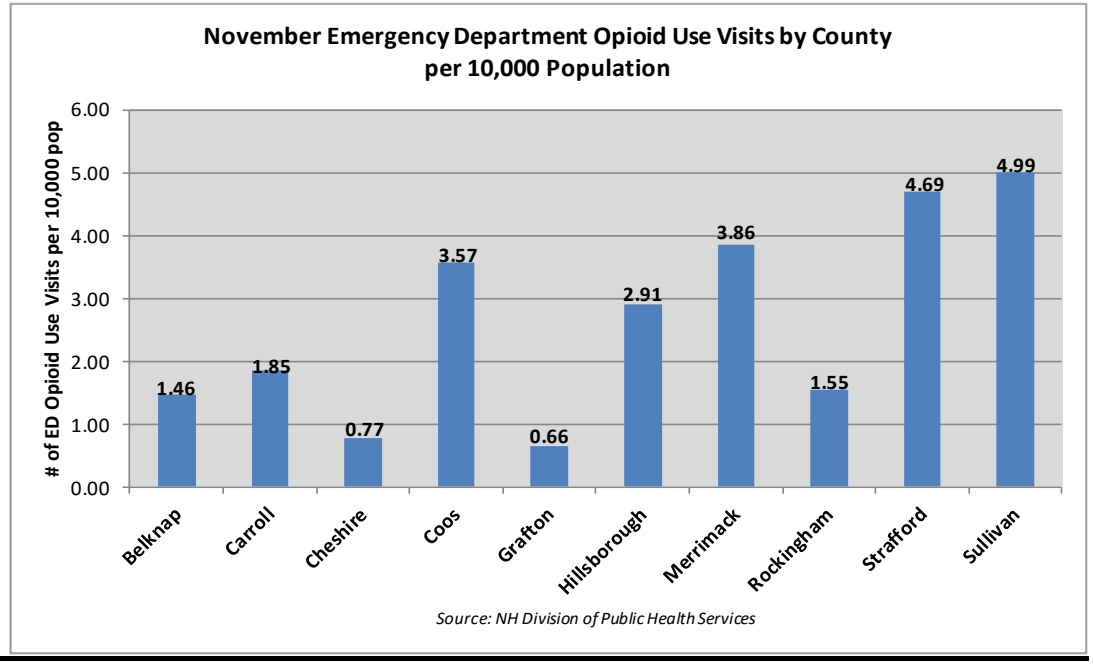
- Opioid related ED visits decreased by 4% from October to November.
- In November, residents from Sullivan County had the most opioid related ED visits per capita with 4.99 visits per 10,000 population.
- Strafford County residents had the second highest number of opioid related ED visits per capita with 4.69 visits per 10,000 population.
- In November, the age group with the largest number of opioid related ED visits was 30-39 year olds, with 35%.

***** 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 **one (1)** of the hospitals are sending ICD-10 data.
- These data include other opioid-related encounters such as poisonings, withdrawals, and detox.

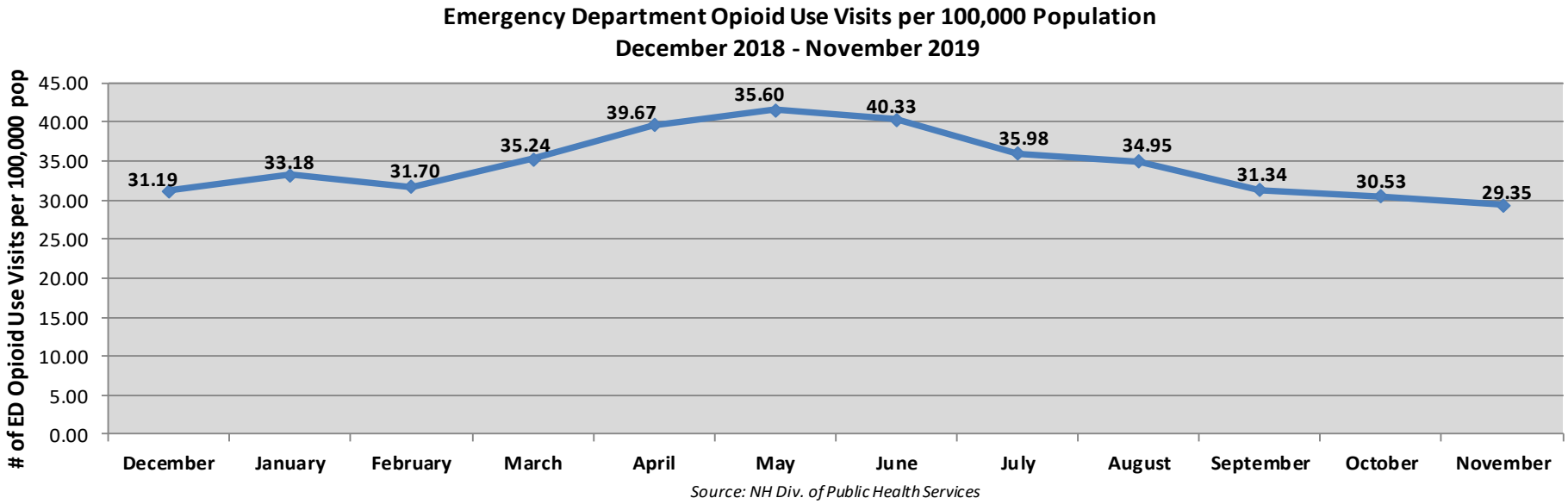


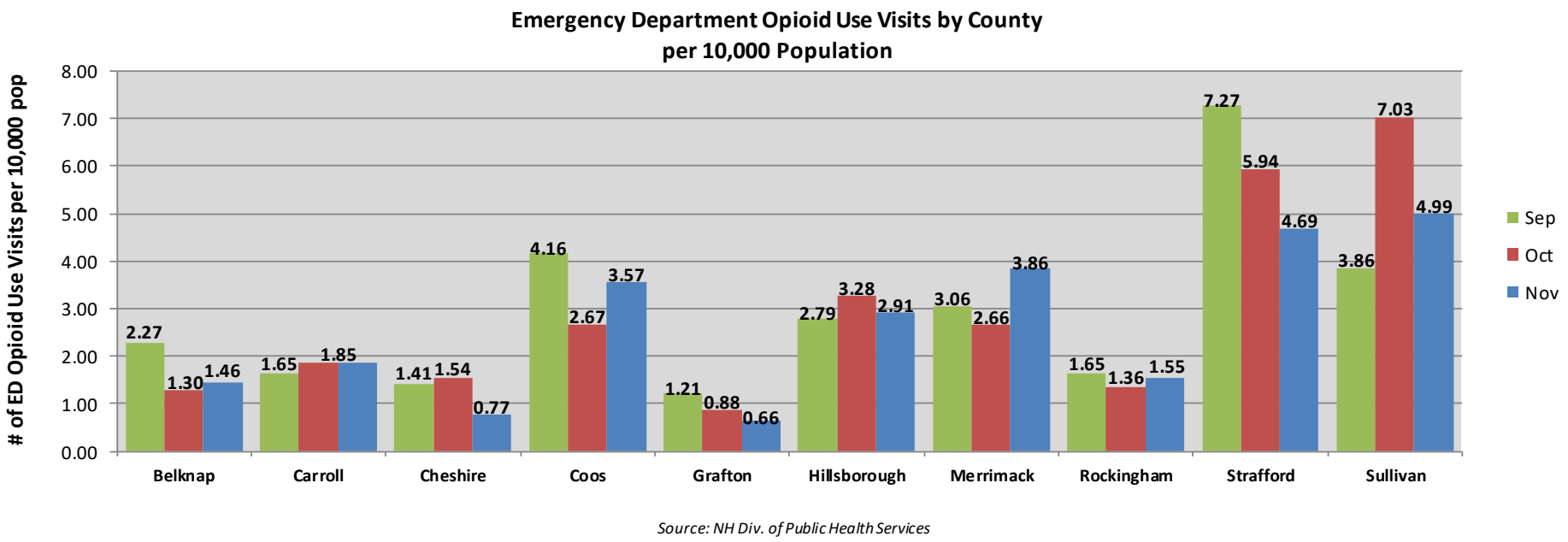




Opioid Related Emergency Department Visits (Continued):

Data Source: NH Division of Public Health Services





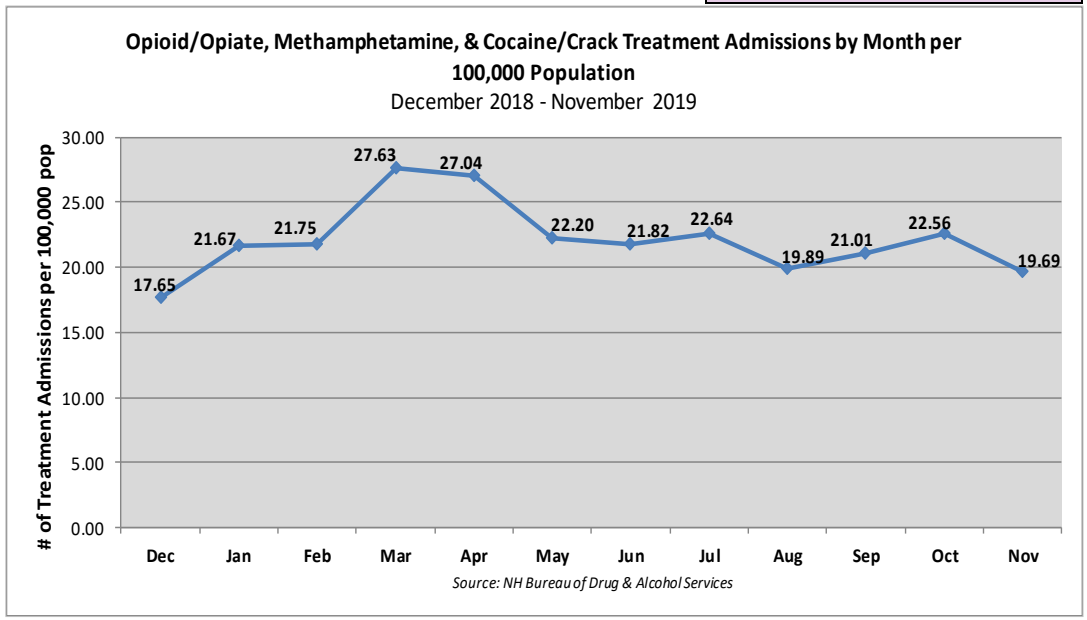
Treatment Admissions:

Data Source: NH Bureau of Drug & Alcohol Services

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

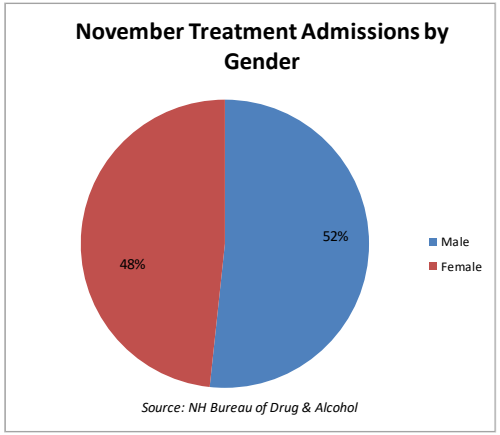
Trends:

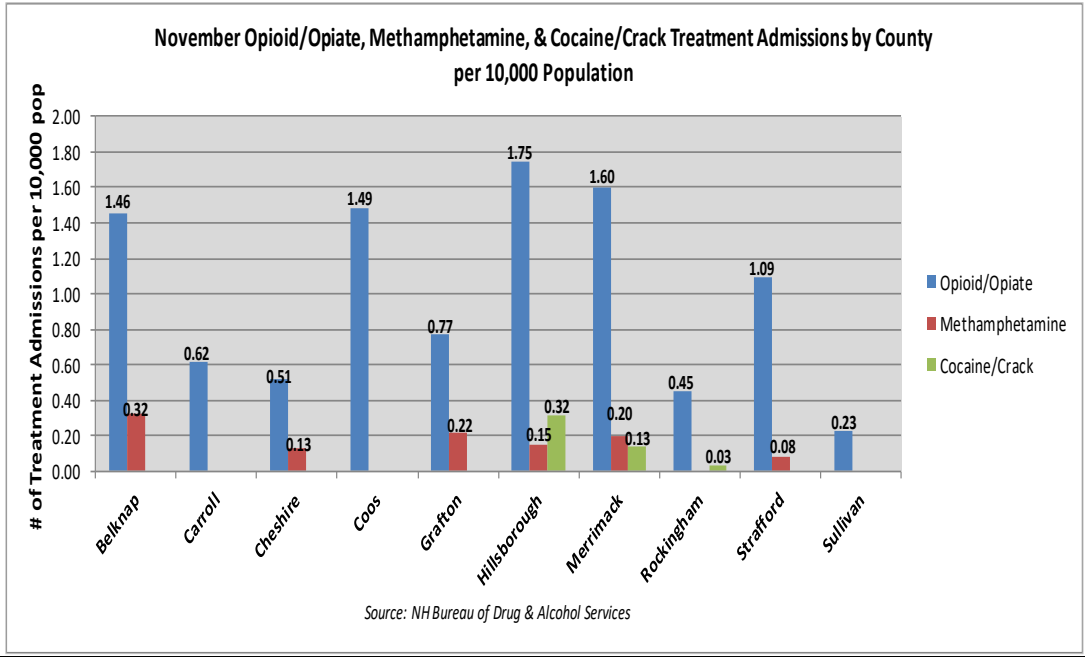
- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions decreased from October to November by 13%.
- In November, residents from Hillsborough County were admitted at the highest per capita rate for opioid/opiate treatment, with 1.75 admissions per 10,000 population.
- More males than females were admitted to treatment programs in November for Opioid/Opiate, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions increased 13% from October to November.
- Cocaine/Crack treatment admissions decreased 19% from October to November.
- Heroin/Fentanyl treatment admissions decreased by 11% from October to November.



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

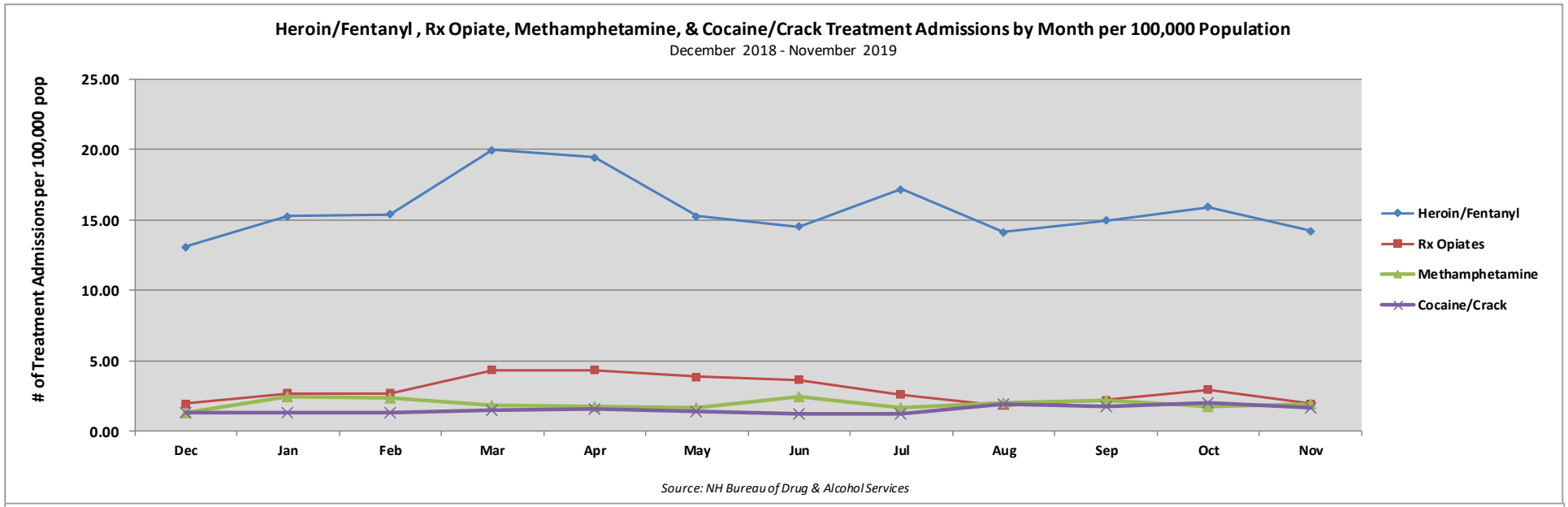
- County represents where the patient resides.
- These data represent treatment admissions to state funded facilities.
- These data have decreased due to numerous factors. The Affordable Care Act has been fully implemented, resulting in increased access to affordable health insurance and coverage for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

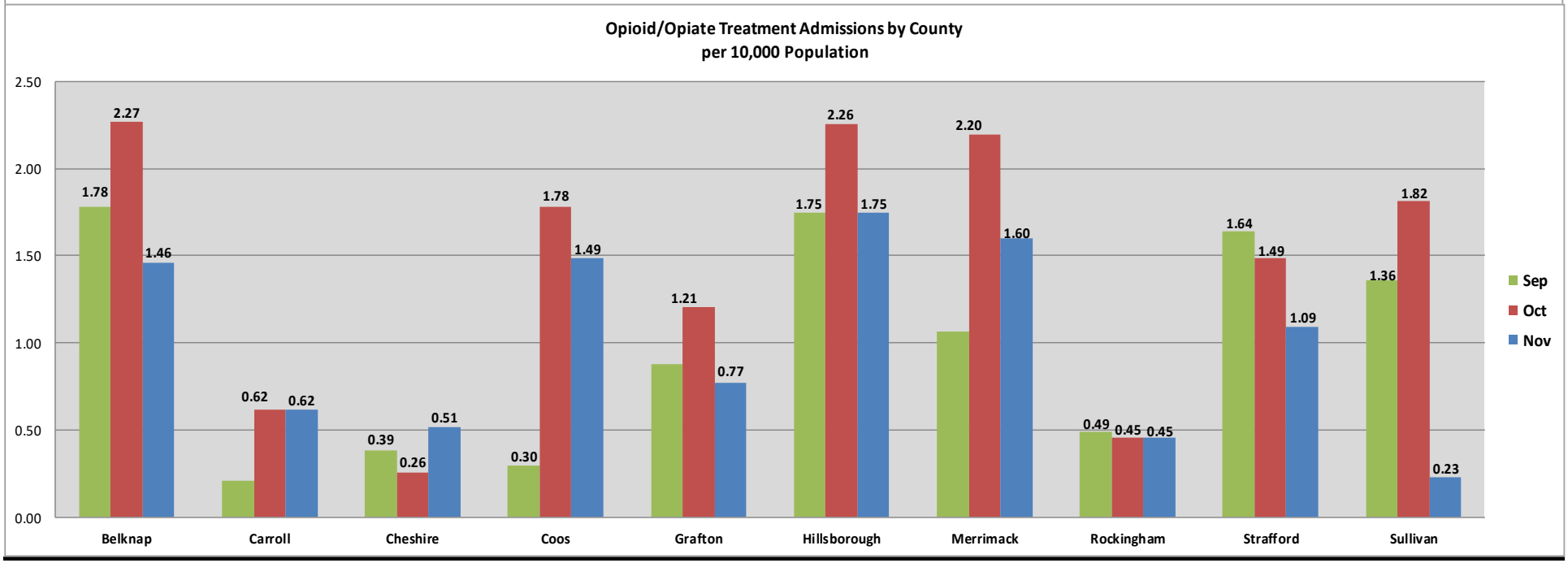




Treatment Admissions (Continued):

Data Source: NH Bureau of Drug & Alcohol Services





Situational Awareness:

Hundreds of Arrests Made in DEA Drug Enforcement Surge Across New England

BOSTON— Federal officials said December 10, 2019 they made 645 arrests and seized drugs and more than $1 million in cash in a two-week operation across New England. Drug Enforcement Administration officials said they also seized 51 guns and enough fentanyl to kill an entire town, along with cocaine and heroin.

"We were attacking them in homes, in cars, in alleyways and everywhere in between," said DEA agent Jon DeLena, who the problem is worsening in the Granite State. "We see larger amounts of fentanyl than ever before being trafficked in New Hampshire," he said. "We know that it's coming up from the Merrimack Valley of Massachusetts." Officials said Mexico is the source of the drugs. "They were very open with us," said Brian Boyle, DEA special agent in charge. "They took us into the jungle and showed us what they are seeing. They are working with our DEA agents down there." Another alarming trend in New Hampshire is the increasing use of methamphetamine, officials said. DeLena said it has its grown exponentially.

"This is a problem the Mexican drug cartel has decided New Hampshire is going to have," DeLena said. "They study trends, just like people study the stock market." Nearly 8,000 oxycodone pills were also seized during the surge, officials said. Investigators said at least 25% of the pills were laced with fentanyl, and the target customer is high school students. DeLena said prevention is an essential part of the solution, and he has faith that the efforts to reach the next generation are effective. "New Hampshire has been hit hard, but it's how New Hampshire has responded that is the gold standard," he said.

Source: www.wmur.com 12/10/2019

NEW HAMPSHIRE SAFE STATIONS

Manchester Safe Station Began 5/4/2016

Nashua Gateway to Recovery Began 11/17/2016

	Manchester As of 12/17/2019		Nashua As of 12/20/2019	
	Q4 2019	Total	Q4 2019	Total
Number of requests at MFD/NFR for Safe Station:	292	6,585	128	3,300
Number of participants transported to hospitals:	48	1,460	36	432
Number of participants taken to Substance Misuse Treatment Facilities:	243	5,067	91	2,838
Average length of time company "Not Available":	11.0 Min	14.0 Min	8.8 Min	10.0 Min
Number of UNIQUE participants:	252	3,735	101	1,816
Number of REPEAT participants:	175	3,089	87	1,842
Number of unique participants seen in both City's Safe Station Program	531			

N.H. to Receive Medicaid Grant for Pregnant Mothers Struggling With Opioids

New Hampshire is one of 10 states selected by the Trump administration to receive a Medicaid grant aimed at improving treatment for pregnant mothers suffering from opioid misuse disorder.

The five-year grant, called the maternal opioid misuse model, is designed to fill in gaps in care for pregnant mothers on Medicaid who are struggling with opioid addiction.

The grant will total $5.38 million over five years, with $750,000 distributed in the first year. That federal funding will be put to use in New Hampshire by Elliot Health Systems.

Women who participate in the new model will have access to a comprehensive set of specialists, from maternity care to medication-assisted treatment to mental health treatment. The program will enter a "pre-implementation period" in January. The new treatment models will begin to be delivered in 2021.

Source: www.nhpr.org 12/19/2019

Substance Use Disorder 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 Use Disorder Treatment Facilities can be found here.

A treatment locator can be found here.