



# New Hampshire Drug Monitoring Initiative

## New Hampshire Information & Analysis Center

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NHIAC Product #: 2020-4476

**October 2020 Report**

24 November 2020

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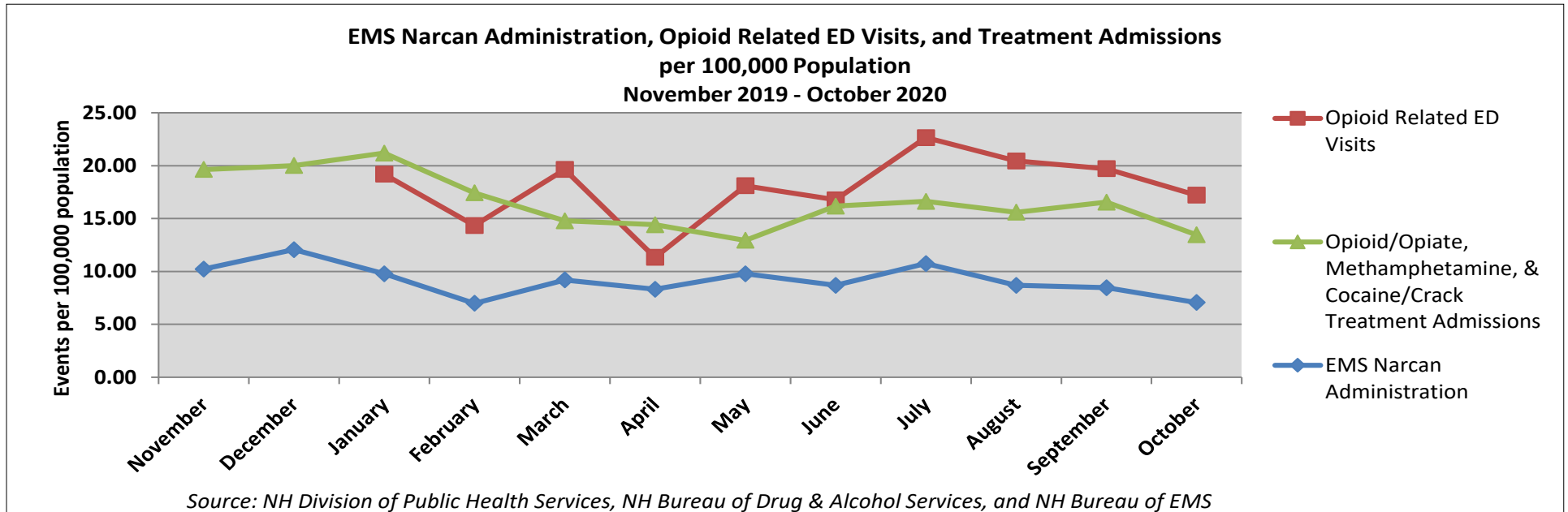
Previous versions of the Drug Environment Report can be found at: <https://www.dhhs.nh.gov/dcbcs/bdas/data.htm>

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

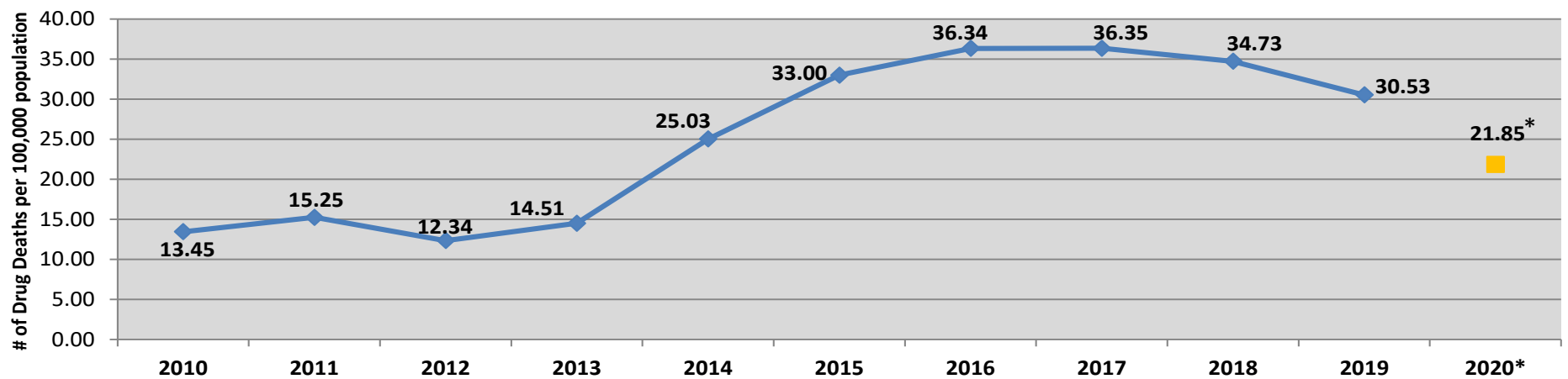
⇒ Population data source: <http://www.nh.gov/osi/data-center/population-estimates.htm>

- Year/month overview charts are based on annual estimates from the above website. County charts are based on a 2019 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 By Year**

Data Source: NH Medical Examiner's Office




\*2020 numbers are not finalized, and are based on analysis as of 16 November 2020

**Drug Overdose Deaths:**

Data Source: NH Medical Examiner's Office

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


**Trends:**

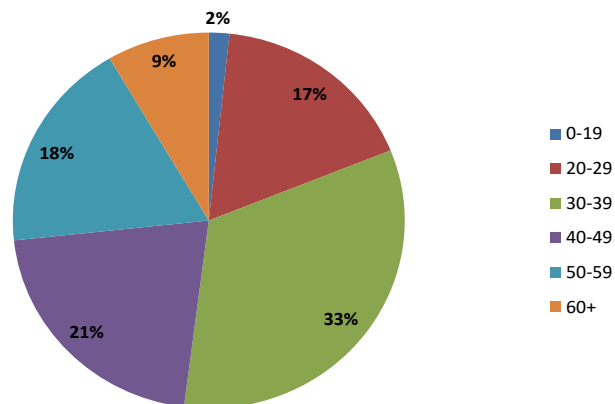
- As of 16 November there are 297 confirmed drug overdose deaths and 54 cases pending toxicology for 2020.
- As of November 16, the projected number of overdose deaths so far in 2020 is 351. This number is confirmed overdose deaths plus pending toxicology cases.
- So far in 2020, Strafford and Hillsborough Counties have the highest suspected drug use resulting in overdose deaths per capita, at 2.64 and 2.49 deaths per 10,000 population respectively.
- The age group with the largest number of drug overdose deaths is 30-39 years, which represents 33% of all overdose deaths for 2020.

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

- \*\*Drug overdose deaths by county now accurately reflect incident county. The NHIAC continues to work with the OCME to correct any prior reports that reflect the location where the death occurred, not where the drug was suspected to have been used.\*\*

**Overdose Deaths by Age 2020\***

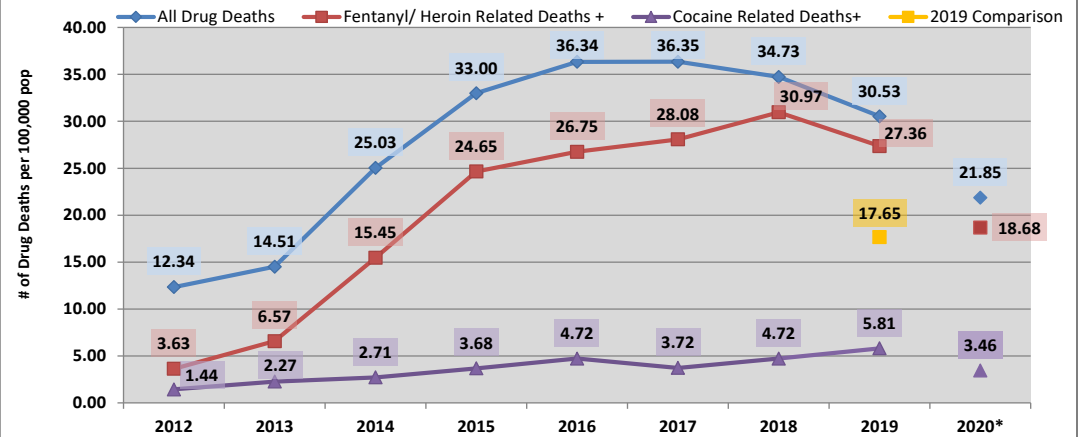
Data Source: NH Medical Examiner's Office



\*2020 numbers are not finalized, and based on analysis as of 16 November 2020

**Overdose Deaths by Year per 100,000 Population**

Data Source: NH Medical Examiner's Office

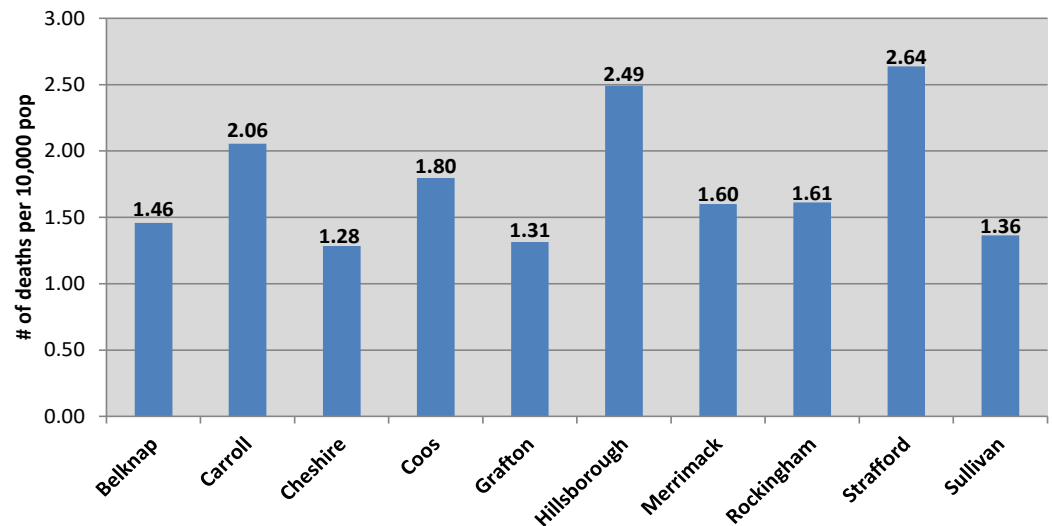


\*2020 numbers are not finalized, and are based on analysis as of 16 November 2020

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

**2020 Overdose Deaths by County per 10,000 Population**

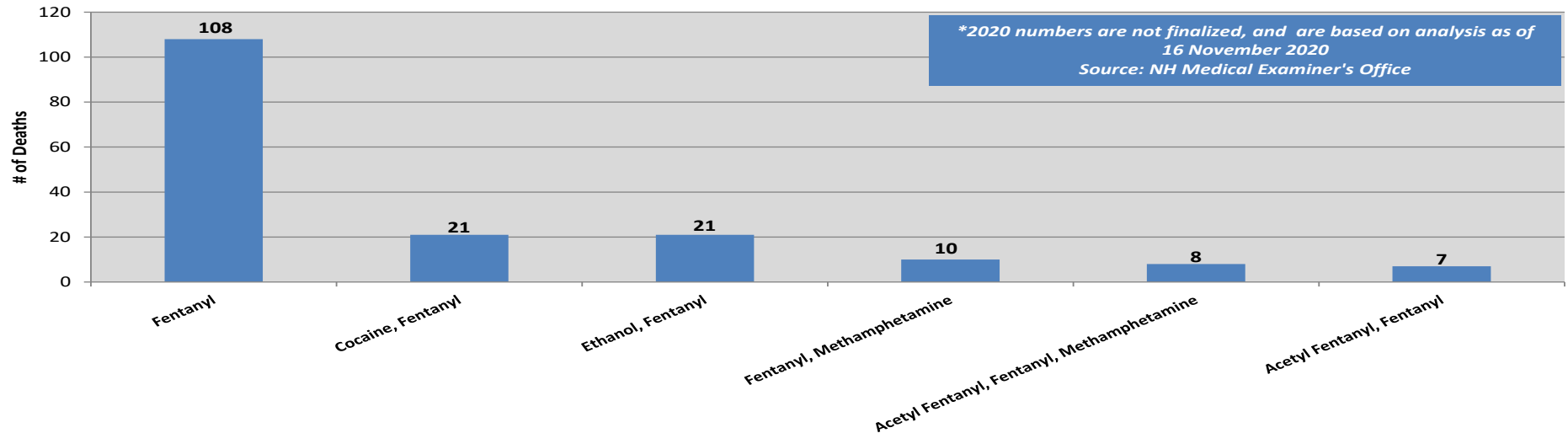
Data Source: NH Medical Examiner's Office



2020 numbers are not finalized, and are based on analysis as of 16 November 2020

**Drug Overdose Deaths (Continued):**

Data Source: NH Medical Examiner's Office

**Cocaine and/or Fentanyl Combination Related Drug Deaths 2020****Cocaine and/or Fentanyl Combination Related Drug Deaths that were noted once or twice\***

Amphetamines, Cocaine, Fentanyl	Ethanol, Fentanyl, Oxycodone	Acetyl Fentanyl, Fentanyl, Fluoxetine, Tramadol	Alprazolam, Amphetamines, Citalopram/escitalopram, Ethanol, Fentanyl, Trazodone	Amphetamines, Fentanyl	Cocaine, Fentanyl, Xylazine	Diphenhydramine, Fentanyl, Methadone	Ethanol, Fentanyl, Quetiapine, Venlafaxine	Fentanyl, Heroin, Methadone
Cocaine, Ethanol, Fentanyl	1, 1-difluoroethane, Etizolam, Fentanyl, Pyrazolam	Acetyl Fentanyl, Fentanyl, Methadone	Alprazolam, Amphetamines, Cocaine, Fentanyl	Cocaine, Ethanol, Methadone	Cocaine, Methamphetamine	Duloxetine, Fentanyl	Eutylone, Fentanyl	Fentanyl, Heroin, Methamphetamine
Cocaine, Fentanyl, Mitragynine	Acetyl Fentanyl, Buprenorphine, Fentanyl, Methadone	Acetyl Fentanyl, Fentanyl, Methadone, Morphine	Alprazolam, Ethanol, Fentanyl	Cocaine, Fentanyl, Methadone	Cocaine, Oxycodone	Ethanol, Cocaine	Fentanyl, Alprazolam	Fentanyl, Hydrocodone
Ethanol, Fentanyl, Methamphetamine	Acetyl Fentanyl, Cocaine, Fentanyl, MDMA, Perphenazine, Risperidone	alpha PHP/alpha PiHP, Cyclobenzaprine, Fentanyl	Amitriptyline, Fentanyl	Cocaine, Fentanyl, Morphine	Cocaine, Tramadol	Ethanol, Fentanyl, Fluoxetine, Olanzapine	Fentanyl, Flualprazolam	Fentanyl, Methadone, Morphine
*Cells filled with gray indicate combinations noted twice		Fentanyl, Methamphetamine, Zolpidem	Fentanyl, Morphine, Oxycodone	Fentanyl, Oxymorphone	Dextro/levomethorphan, Fentanyl, Xylazine	Ethanol, Fentanyl, Gabapentin, Morphine	Fentanyl, Heroin	Fentanyl, Methamphetamine, Tramadol

# Overdose Deaths by Town\* - 2020 + (Data Source: NH Medical Examiner's Office)

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

+2020 data was reported on November 16, 2020  
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.

54 CASES PENDING  
32 Cases have an unknown location



Prepared by:  
NH Information & Analysis Center

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### Coos

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- 30 - Rollinsford
- 31 - Somersworth

### Hillsborough

- 32 - Somersworth

### Rockingham

- 33 - Somersworth

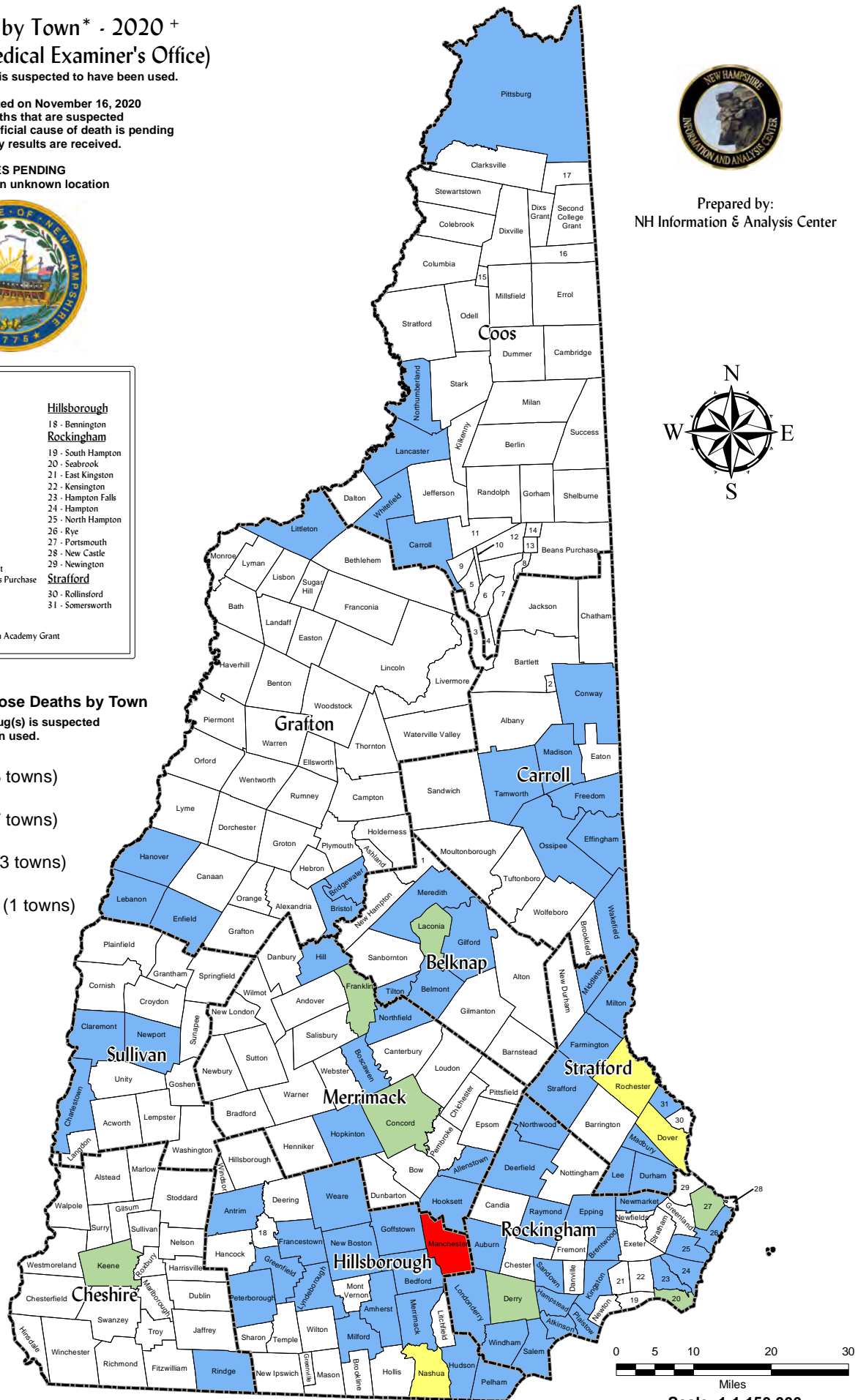
### Strafford

- 34 - Somersworth

## Number of Overdose Deaths by Town

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


- 1 - 4 (73 towns)
- 5 - 10 (7 towns)
- 11 - 25 (3 towns)
- Over 50 (1 towns)



**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.

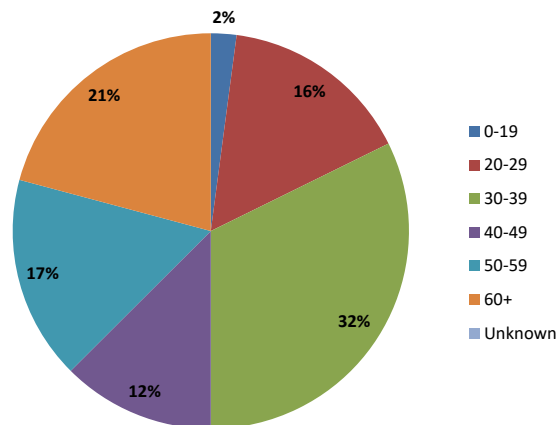

**Trends:**

- EMS Narcan administration incidents decreased by 17% from September to October.
- In October, Belknap County had the most EMS Narcan administration incidents per capita with 2.11 incidents per 10,000 population. Strafford and Hillsborough Counties were close to second highest with 0.85 and 0.80 incidents per 10,000 population respectively.
- The age group with the largest number of EMS Narcan administration incidents was 30-39, representing 32% of all EMS Narcan administrations in October.

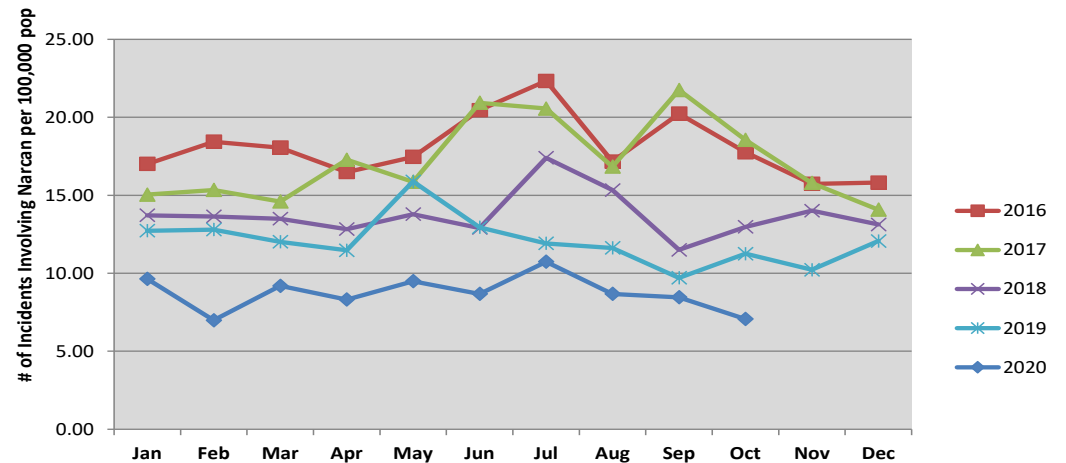
**\*\*\* IMPORTANT DATA NOTES \*\*\***

- 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.

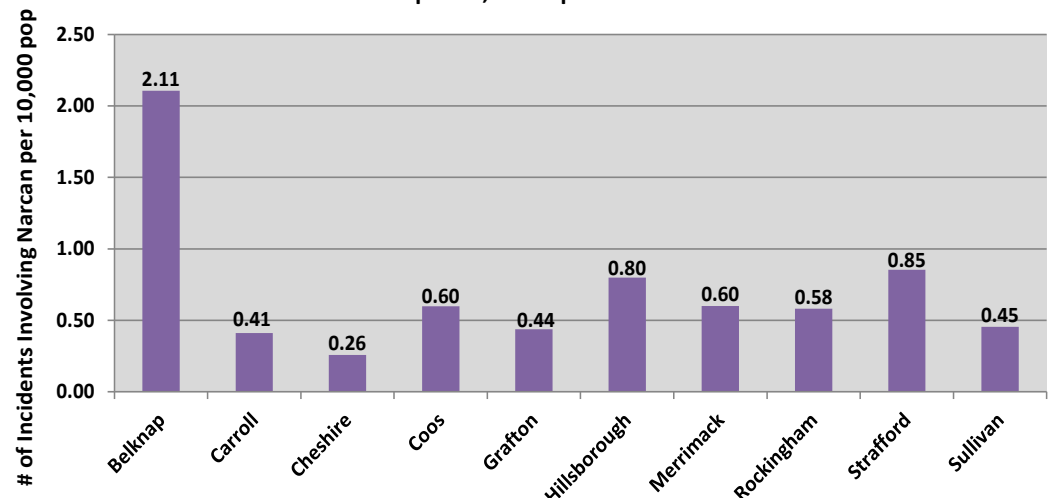
October EMS Narcan Administration by Age Group



Source: NH Bureau of EMS

EMS Narcan Administration by Month per 100,000 Population  
January 2016 - October 2020

Source: NH Bureau of EMS

October EMS Narcan Administration by County  
per 10,000 Population

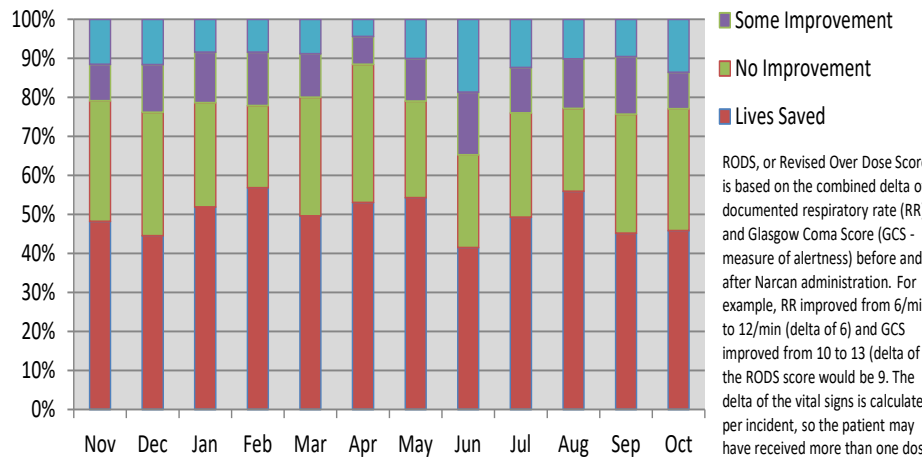
Source: NH Bureau of EMS

**EMS Narcan Administration (Continued):**

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

**EMS Narcan Administration - Lives Saved %**

November 2019 - October 2020

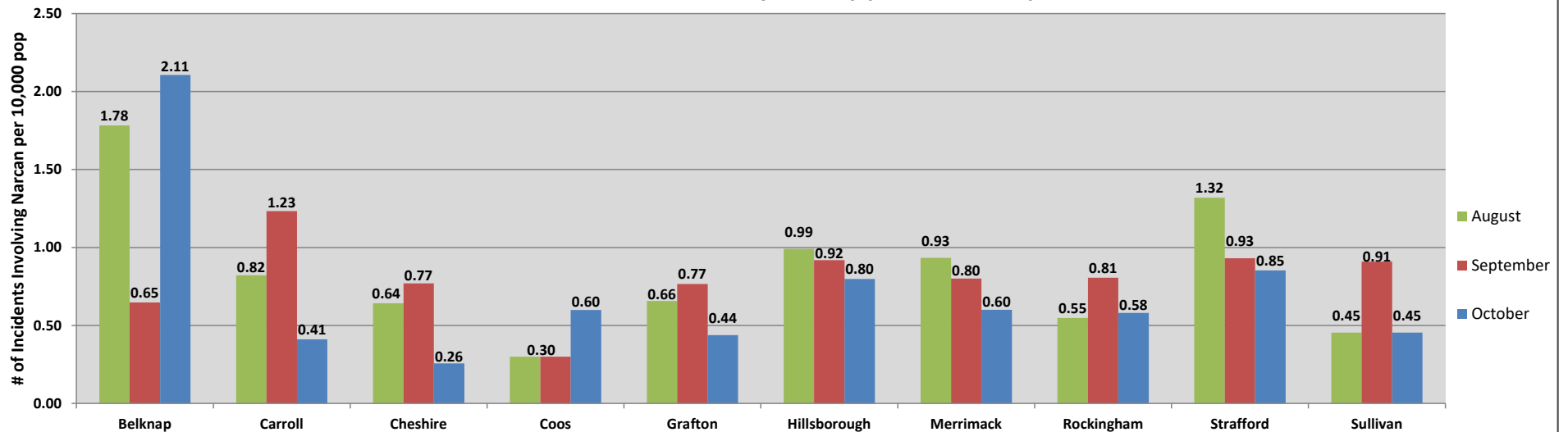


Source: NH Bureau of EMS

**EMS Narcan Administration - Lives Saved**

	2019		2020									
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct
Source: NH Bureau of EMS												
RODS Outcome												
<b>Lives Saved</b> RODS Score of 8+	67	73	68	54	62	60	70	49	72	66	52	44
<b>Some Improvement</b> RODS Score of 1-7	13	20	17	13	14	8	14	19	17	15	17	9
<b>No Improvement</b> RODS Score of 0	43	52	35	20	38	40	32	28	39	25	35	30
<b>Negative Improvement</b> Negative RODS Score	16	19	11	8	11	5	13	22	18	12	11	13
<b>Total</b>	<b>139</b>	<b>164</b>	<b>131</b>	<b>95</b>	<b>125</b>	<b>113</b>	<b>129</b>	<b>118</b>	<b>146</b>	<b>118</b>	<b>115</b>	<b>96</b>

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  
11/1/2019 - 10/31/2020  
Data Source: New Hampshire Bureau of EMS



Prepared by:  
NH Information & Analysis Center

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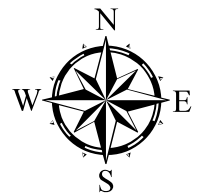
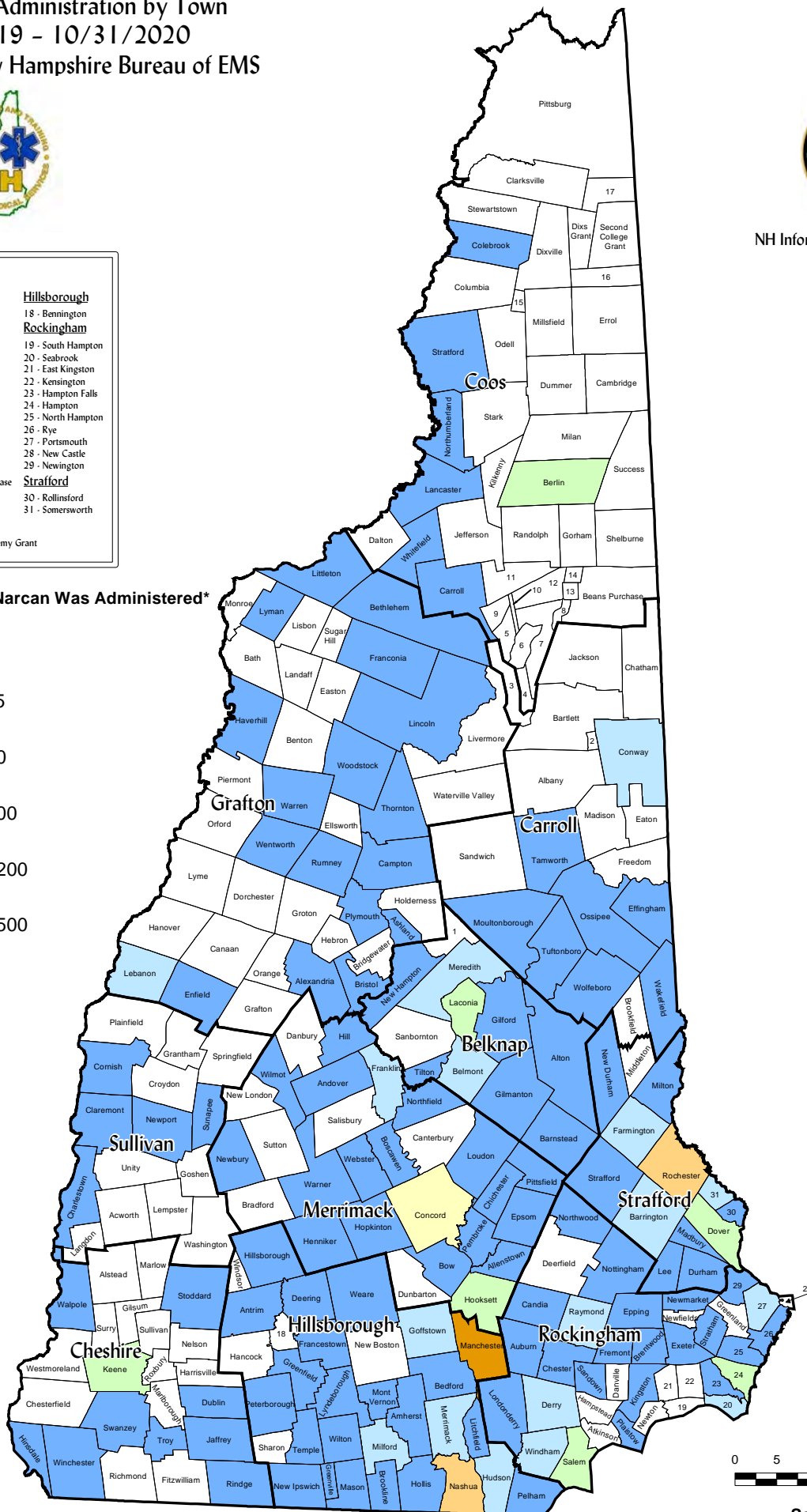
## Hillsborough

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## Strafford

- 30 - Rollinsford
- 31 - Somersworth

# \*Incidents Where Narcan Was Administered\*



0 5 10 20 30


Miles

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.



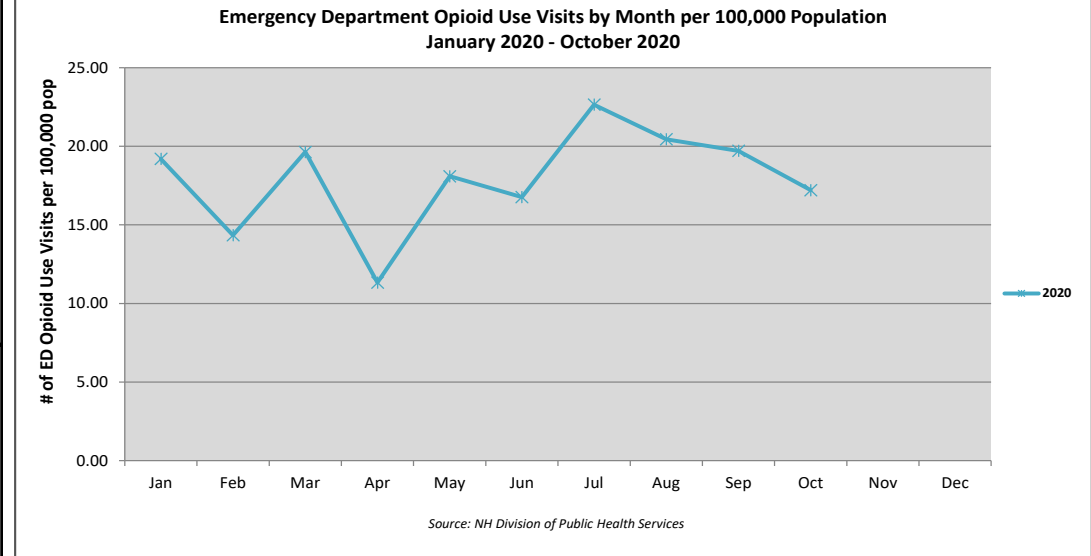
**\*Important Note\*** the data being reported for 2020 has different collection criteria than previous months. Due to the new collection criteria, new data is no longer comparable to previous data.

**Trends:**

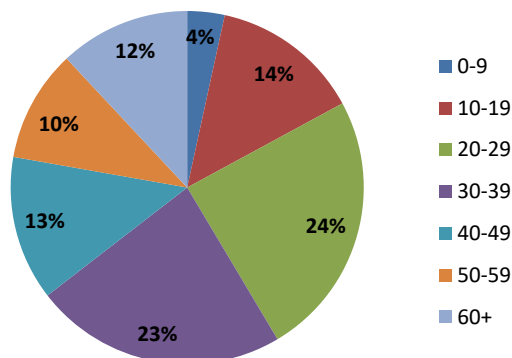
- Opioid related ED visits decreased by 13% from September to October.
- In October, residents from Belknap County had the most opioid related ED visits per capita with 2.92 visits per 10,000 population. Strafford County residents had the second highest number of opioid related ED visits per capita with 2.25 visits per 10,000 population.
- In October, the age group with the largest number of opioid related ED visits was 20-29 year olds, with 24%.

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

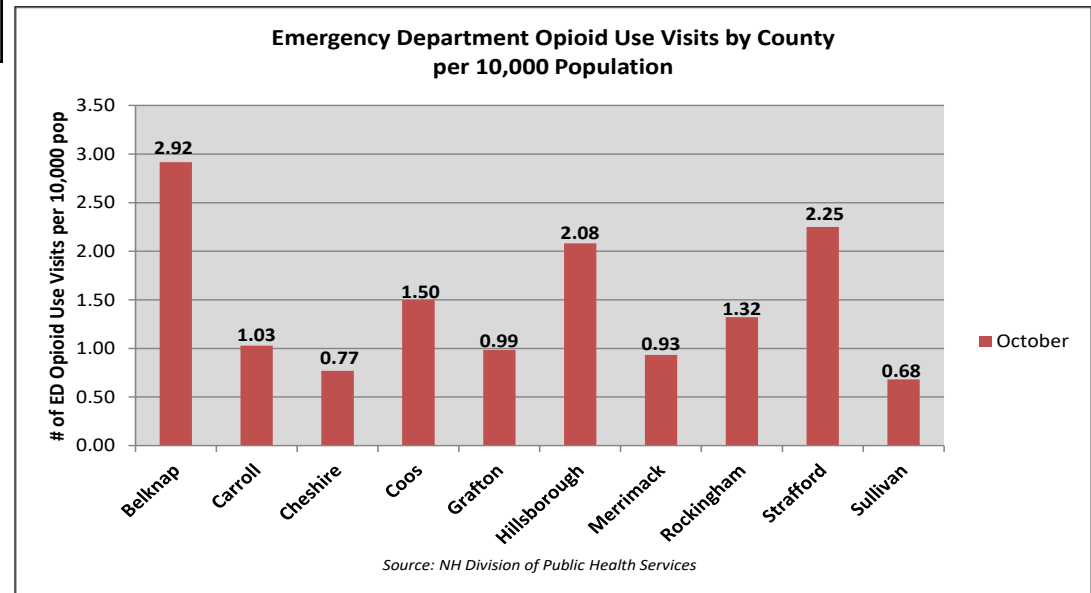
- County represents where the opioid use patient resides.
- These data include data on suspected overdoses categorized as "all drug," "all opioid," "heroin," and "all stimulant." This report uses key words and ICD-10 associated overdose codes that CDC has defined as tailored to nonfatal opioid overdoses.
- These data are now collected using criteria the CDC established for their Overdose Data to Action (OD2A) grant "making this report more transparent."

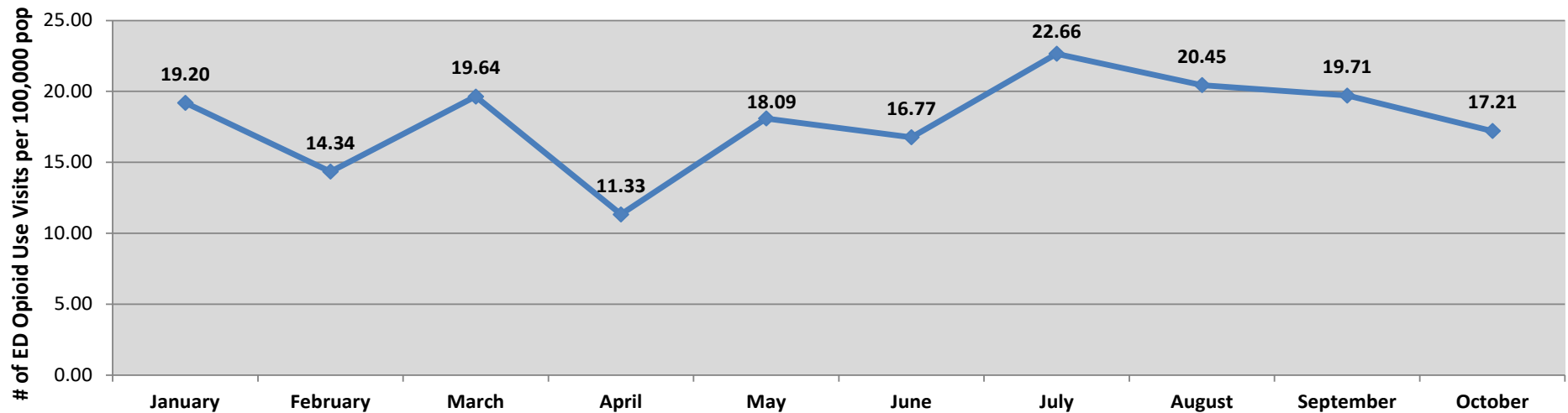
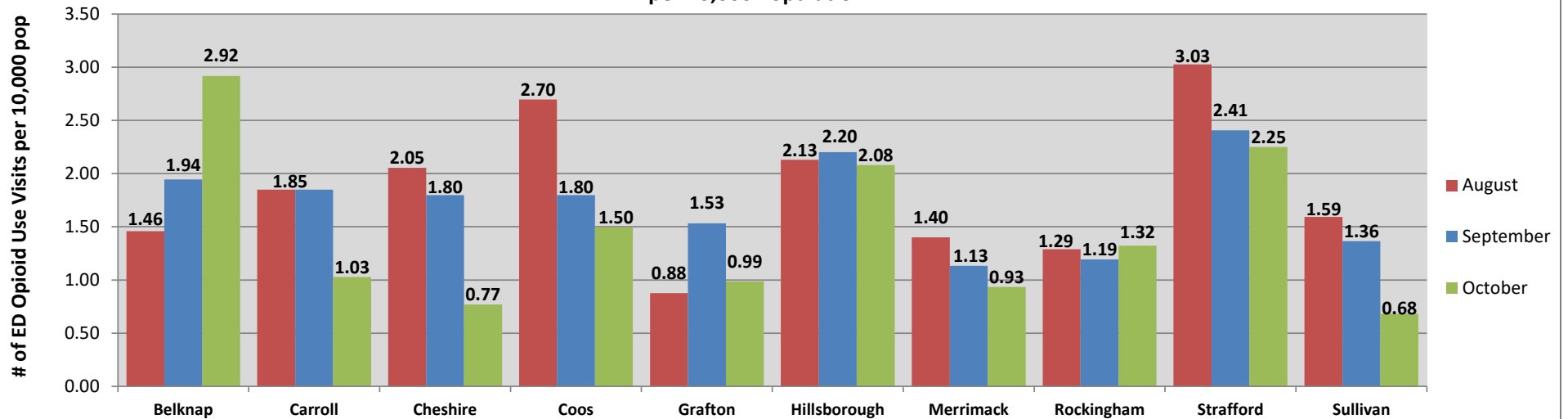


**October Emergency Department Opioid Use Visits by Age**



Source: NH Division of Public Health Services




**Opioid Related Emergency Department Visits (Continued):***Data Source: NH Division of Public Health Services***Emergency Department Opioid Use Visits per 100,000 Population  
January 2020 - October 2020***Source: NH Div. of Public Health Services***Emergency Department Opioid Use Visits by County  
per 10,000 Population***Source: NH Div. of Public Health Services*

**Treatment Admissions:**

Data Source: NH Bureau of Drug &amp; Alcohol Services

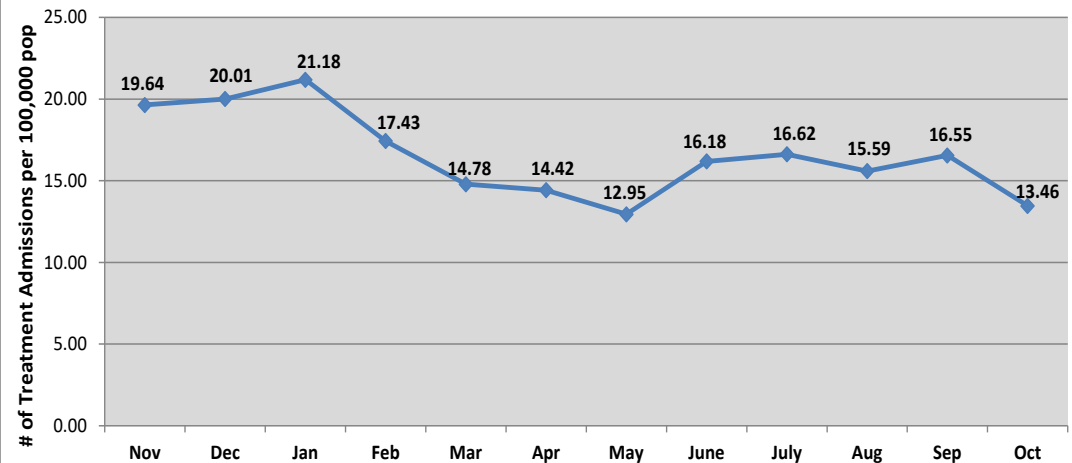
Right click on the paperclip and select "Open File" to view additional data.


**Trends:**

- Opioid/opiate, Methamphetamine, & Cocaine/Crack treatment admissions decreased 18% from September to October.
- In October, residents from Coos County were admitted at the highest per capita rate for opioid/opiate treatment, with 1.50 admissions per 10,000 population.
- More males than females were admitted to treatment programs in October for Opioid/Opium, Methamphetamine, & Cocaine/Crack use.
- Methamphetamine treatment admissions decreased 39% from September to October.
- Cocaine/Crack treatment admissions decreased 39% from September to October.
- Heroin/Fentanyl treatment admissions decreased by 13% from September to October.

**Opioid/Opium, Methamphetamine, & Cocaine/Crack Treatment Admissions by Month per 100,000 Population**

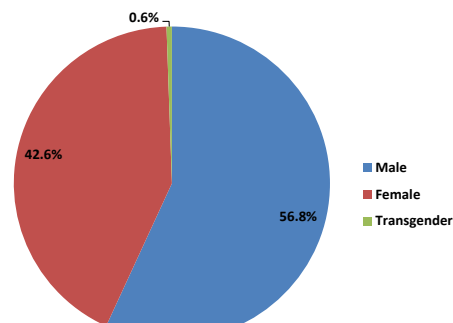
November 2019 - October 2020



Source: NH Bureau of Drug &amp; Alcohol Services

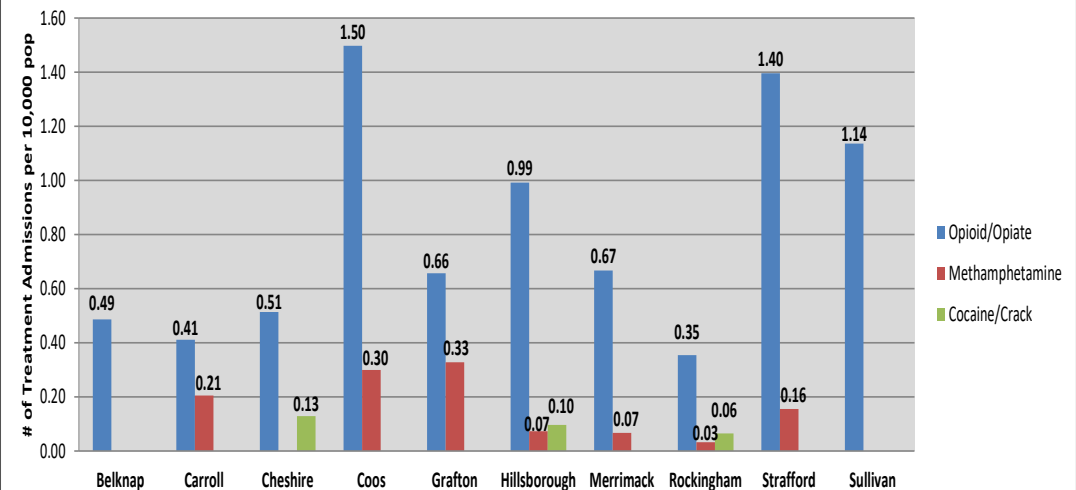
**\*\*\* IMPORTANT DATA NOTES\*\*\***

- 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

**October Treatment Admissions by Gender**

Source: NH Bureau of Drug &amp; Alcohol

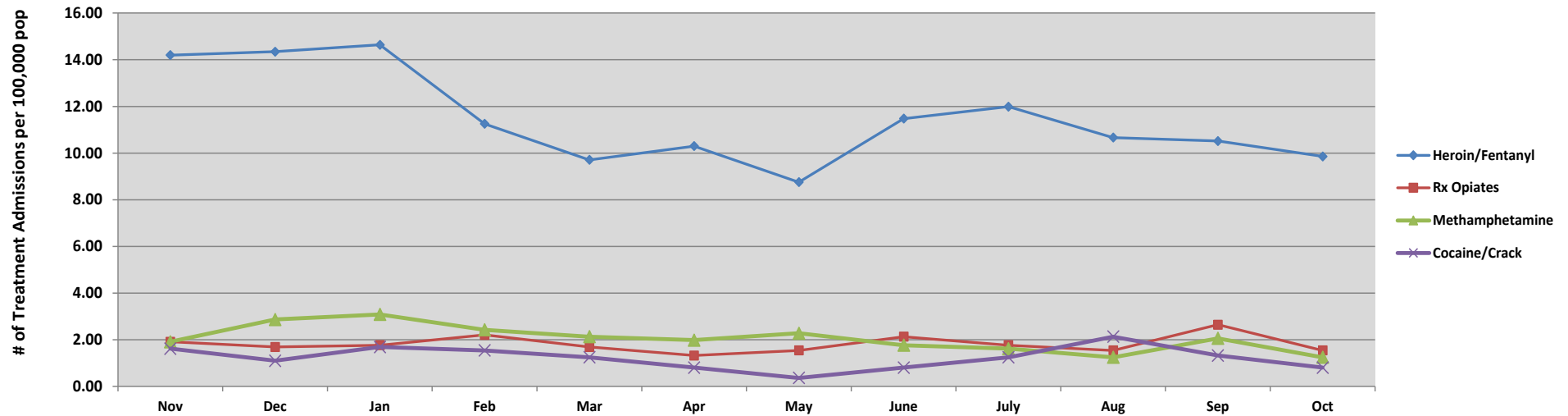
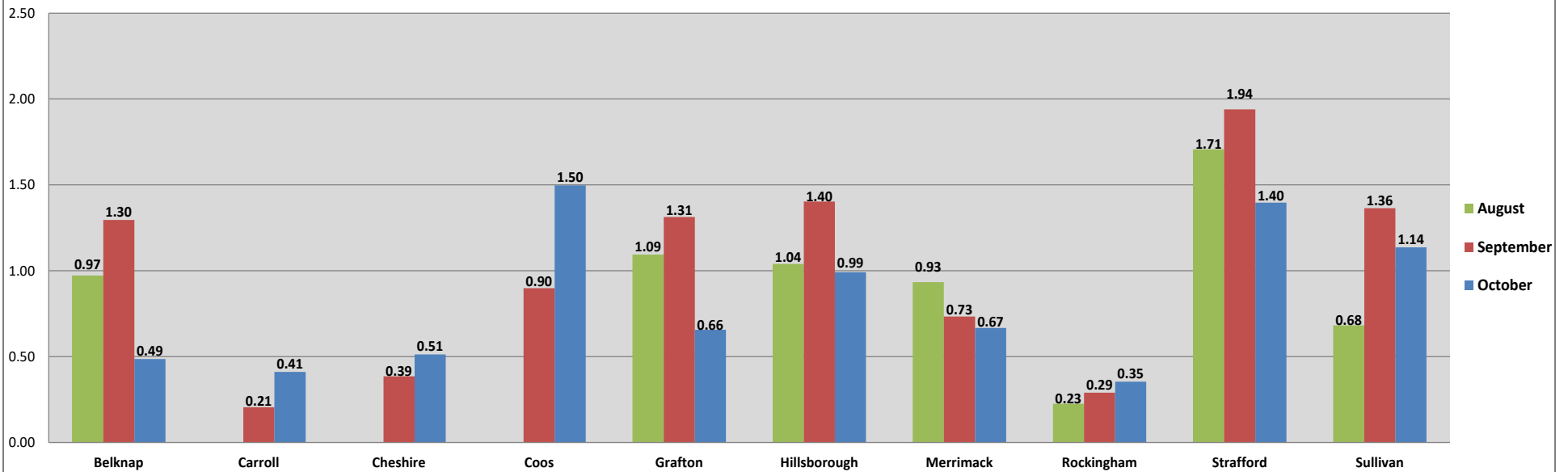
expanded its Medicaid program, which also provided increased opportunities for substance use disorder treatment in the state. Substance use disorder treatment in the state has increased sharply in response to these policies which has shifted clients served by State of New Hampshire contracted treatment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

**October Opioid/Opium, Methamphetamine, & Cocaine/Crack Treatment Admissions by County per 10,000 Population**

Source: NH Bureau of Drug &amp; Alcohol Services

**Treatment Admissions (Continued):***Data Source: NH Bureau of Drug & Alcohol Services***Heroin/Fentanyl, Rx Opiate, Methamphetamine, & Cocaine/Crack Treatment Admissions by Month per 100,000 Population**

November 2019-October 2020

*Source: NH Bureau of Drug & Alcohol Services***Opioid/Opiate Treatment Admissions by County per 10,000 Population**

**Situational Awareness:**
**New Hampshire Gets Grant to  
Help Prevent Youth Drug Use**

CONCORD, N.H. (AP) — The state's Democratic congressional delegation announced that New Hampshire has received a grant to help two coalitions prevent youth substance abuse.

Sens. Jeanne Shaheen and Maggie Hassan and Reps. Chris Pappas and Annie Kuster said the State received a \$250,000 in Drug Free Communities grants from the Office of National Drug Control Policy. The grants will go to the Keene YMCA Community Coalition on Youth Substance Use and All Together in the Upper Valley region. The grant will aim to prevent substance misuse, including prescription drugs and opioids.

"These federal grants to youth drug prevention coalitions in New Hampshire will help in our efforts to stem the tide of substance misuse among our young people," Hassan said in a statement. "These federal dollars are particularly important as the COVID-19 pandemic has strained resources for prevention and recovery organizations across our state."

Source: [www.usnews.com](http://www.usnews.com) 11/14/2020

# NEW HAMPSHIRE SAFE STATIONS

Manchester

Manchester Safe Station Began 5/4/2016

As of 11/03/2020

	Q4 2020	Total
Number of requests at MFD for Safe Station:	58	7,405
Number of participants transported to hospitals:	8	1,614
Number of participants taken to Substance Misuse Treatment Facilities:	29	5,674
Average length of time company "Not Available":	11.0 Min	13.7 Min
Number of UNIQUE participants:	52	4,075
Number of REPEAT participants:	38	2,867
Number of unique participants seen in both City's Safe Station Program	566	

A full list of Substance Use Disorder Treatment Facilities and Recovery Support Services can be found [here](#) or by calling 211.