

EMSFOCUS
A Collaborative Federal Webinar Series



WELCOME

EMSFOCUS 
A Collaborative Federal Webinar Series Hosted by NHTSA's Office of EMS

How EMS Can Reduce Opioid Overdoses

EMSFOCUS

Today

EMS FOCUS 

A Collaborative Federal Webinar Series

Presented by NHTSA Office of EMS

- ▶ Federal Initiatives to Address the Epidemic
- ▶ New Hampshire Safe Stations and Mobile Integrated Healthcare Approach
- ▶ New Orleans EMS: Data Collection and Sharing
- ▶ New Orleans Public Health Partnership with EMS
- ▶ Q&A

Today's Speakers

EMS FOCUS 

A Collaborative Federal Webinar Series

Presented by NHTSA Office of EMS

- ▶ Jeremy Kinsman, MPH, EMT
 - ▶ ASPPH Public Health Fellow with NHTSA Office of EMS
- ▶ Nick Mercuri, MHA, NRP, RN
 - ▶ Bureau Chief of EMS for the State of New Hampshire
- ▶ Jeffrey Elder, MD
 - ▶ Director and Medical Director of New Orleans EMS
- ▶ Joseph Kanter, MD
 - ▶ Medical Director for the New Orleans Health Department
- ▶ Noah Smith, MPH, EMT
 - ▶ NHTSA Office of EMS

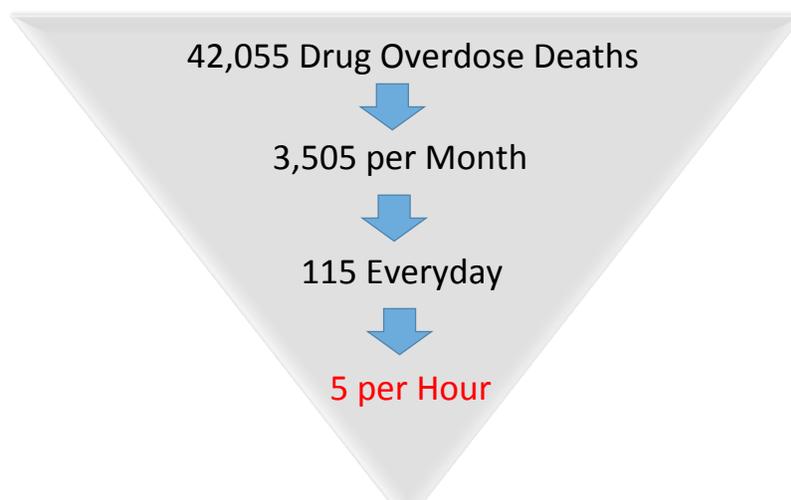
EMS FOCUS

National Overview of the Opioid Overdose Epidemic

Jeremy Kinsman, MPH, EMT
ASPPH Public Health Fellow with the NHTSA Office of EMS

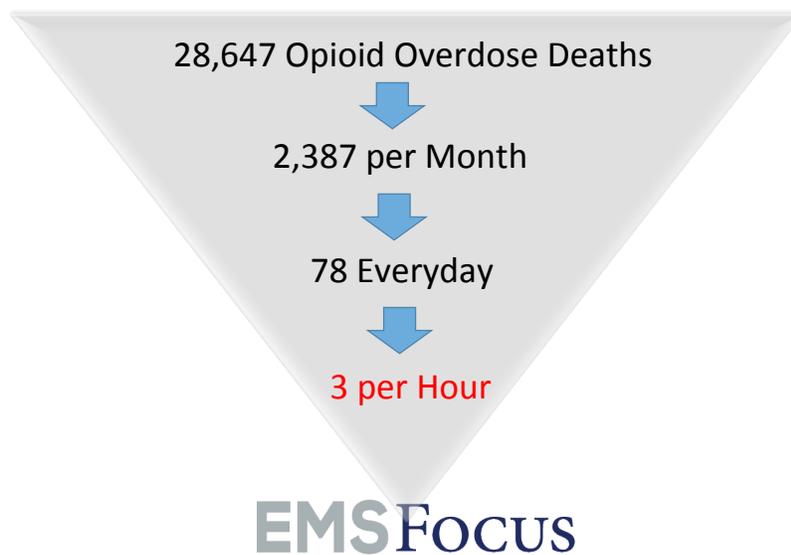
EMSFOCUS

In the U.S. in 2014

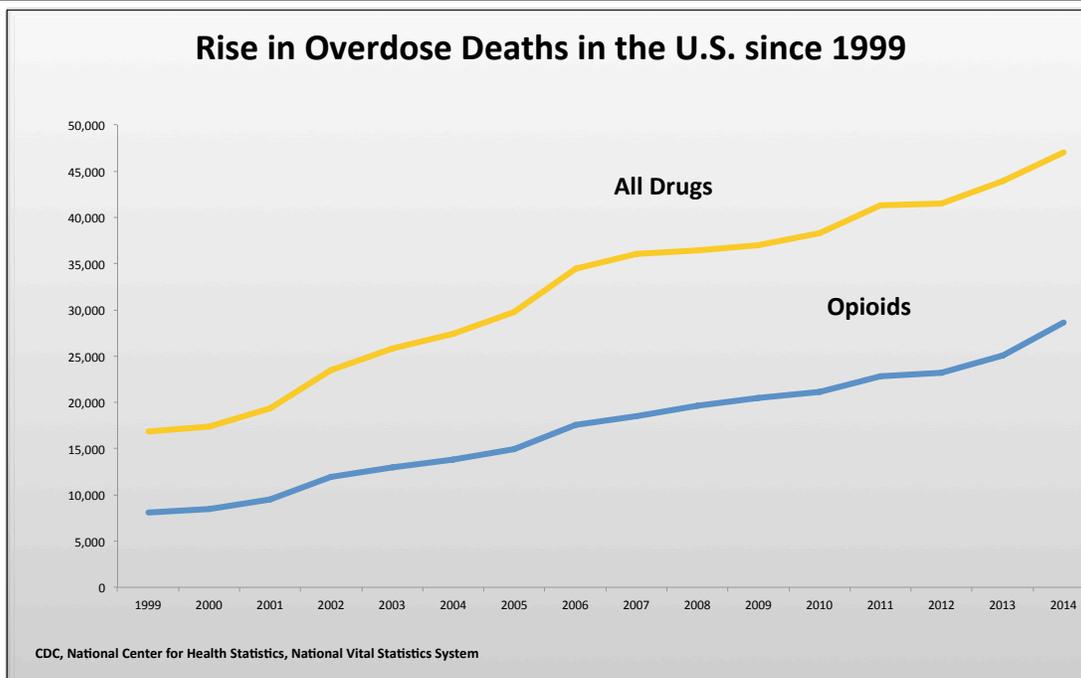


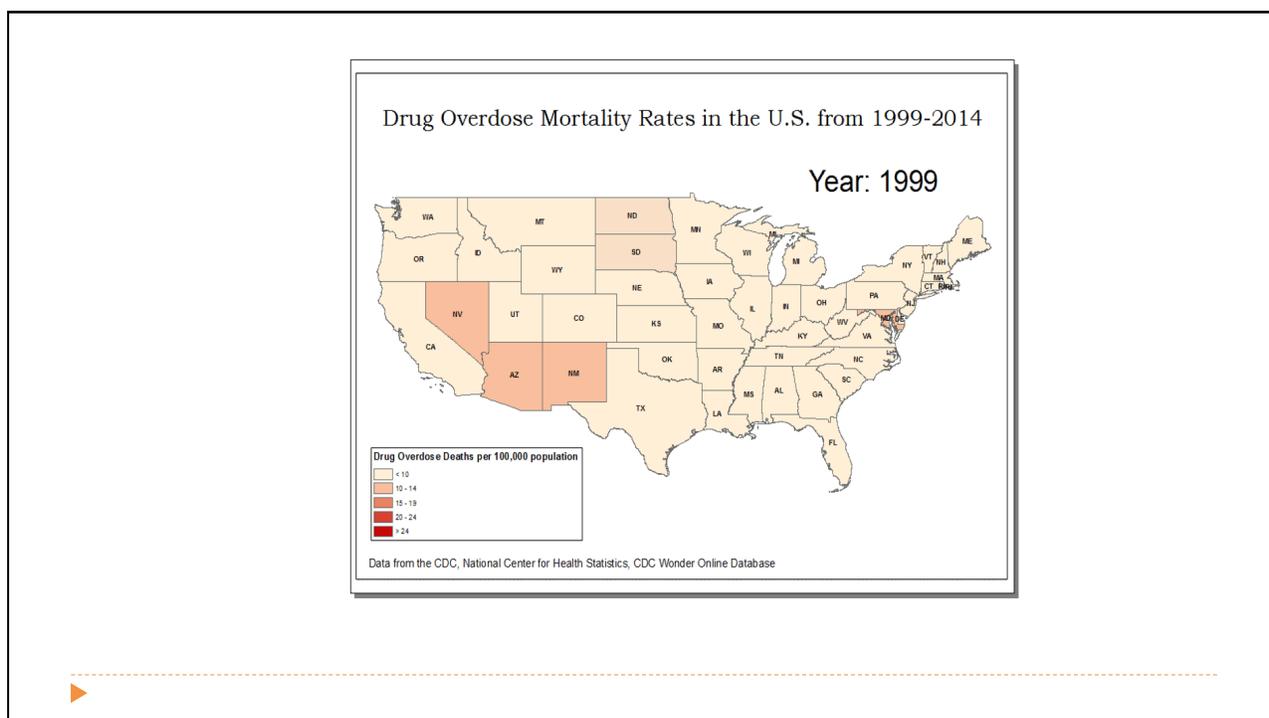
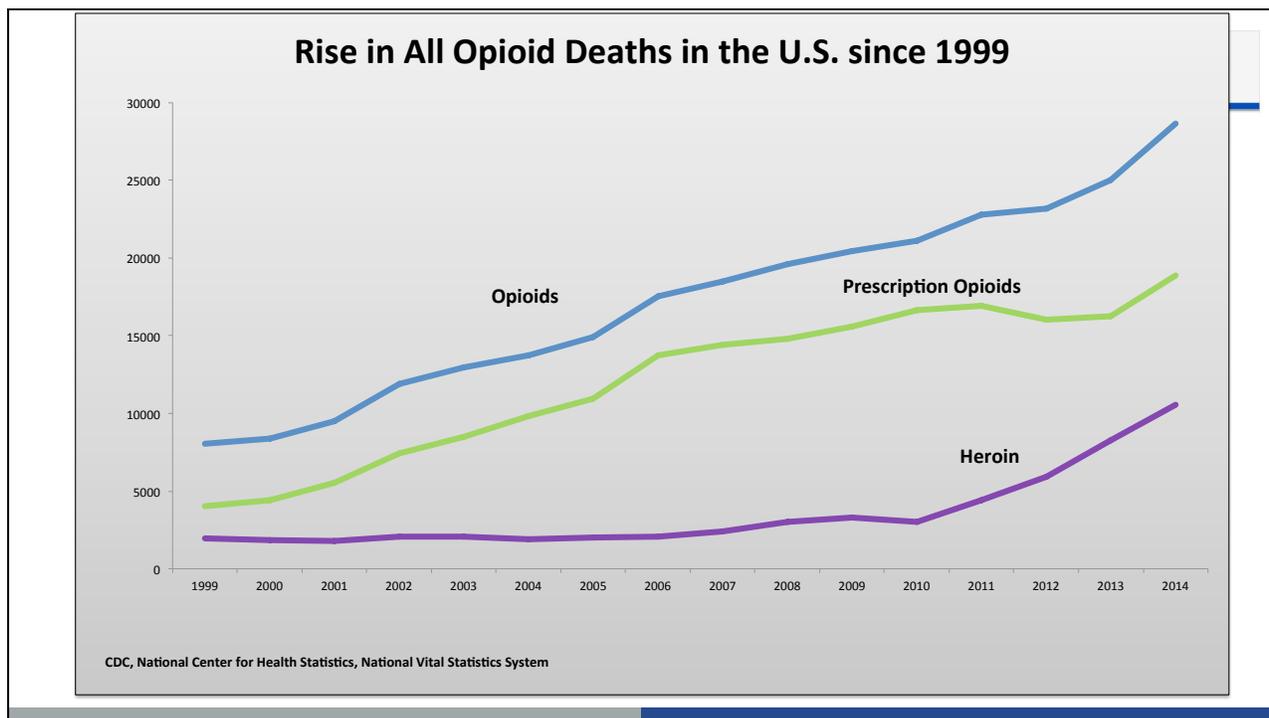
EMSFOCUS

In the U.S. in 2014



Rise in Overdose Deaths in the U.S. since 1999





A Statewide Effort to Combat Opioid Overdose Deaths in New Hampshire

Nick A. Mercuri, MHA, NRP, RN
Chief, Bureau of EMS



EMSFOCUS

Identification & EMS Expansion

- ▶ Increasing naloxone use & 911 calls
 - ▶ 15% increase from 2012-2013
 - ▶ 45% increase from 2013-2014
- ▶ Medical Control Board Expansion
 - ▶ Before change, only ALS providers could administer naloxone
 - ▶ In May 2014, expanded to all providers
 - ▶ 5,200 providers could now administer
 - ▶ Established education requirements
 - ▶ Online naloxone module and didactic skills

EMSFOCUS

NH Law & Rule Changes

EMSFOCUS A Collaborative Federal Webinar Series

ems.gov

- ▶ Governor's Taskforce
 - ▶ Expanded naloxone availability
 - ▶ HB 271 expanded prescriptions and removed restrictions on possession and administration
 - ▶ EMS Recommendations
 - ▶ Expanded naloxone to all first responders
 - ▶ Created Law Enforcement License in 2015
 - ▶ 89 licensed

EMSFOCUS

Naloxone Training & Distribution

EMSFOCUS A Collaborative Federal Webinar Series

ems.gov

- ▶ Collaboration with DHHS – 2015
 - ▶ Naloxone distribution to community health centers
 - ▶ 4,898 kits distributed (8-12-16)
 - ▶ Education on naloxone use to community
 - ▶ Train-the-trainer programs
 - ▶ Law Enforcement training

EMSFOCUS

Mobile Integrated Healthcare

- ▶ Rule change allowed MIH in 2015
 - ▶ SafeStation program
 - ▶ Redirection of stable patients
 - ▶ Community care
 - ▶ Hands only CPR and naloxone



SAFE STATION

As of August, 2 2016

• Number of requests at MFD for Safe Station:	282
• Number of participants placed within the Hope System:	117*
• Number of participants transported to Hospitals:	28
• Number of participants reconnected with family:	26*
• Number of participants who left voluntarily:	20*
• Average Length of Time MFD Company "Not Available":	13 minutes
• Number of <u>UNIQUE</u> participants:	248
• Number of <u>REPEAT</u> participants:	34
• Age Range of Participants:	18-60

* these numbers are always behind and are pending updates from HOPE for NH Recovery and/or Serenity Place

Collaboration and Data

- ▶ Reporting Tools
 - ▶ Monthly reporting on naloxone
 - ▶ Department of Health & Human Services
 - ▶ Information and Analysis Center

UNCLASSIFIED



New Hampshire Drug Monitoring Initiative

New Hampshire Information & Analysis Center

Phone: (603) 223.3859 NH.IAC@dos.nh.gov Fax: (603) 271.0303



NHAC Product #: 2016-2664 July 2016 Report 17 August 2016

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



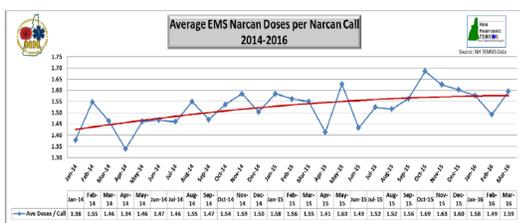
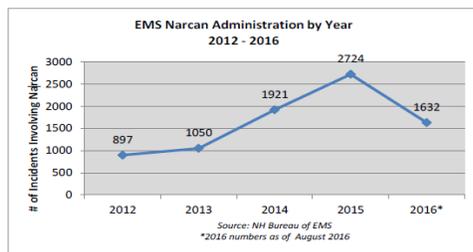
NH Bureau of EMS

Monthly Narcan Use Data Report

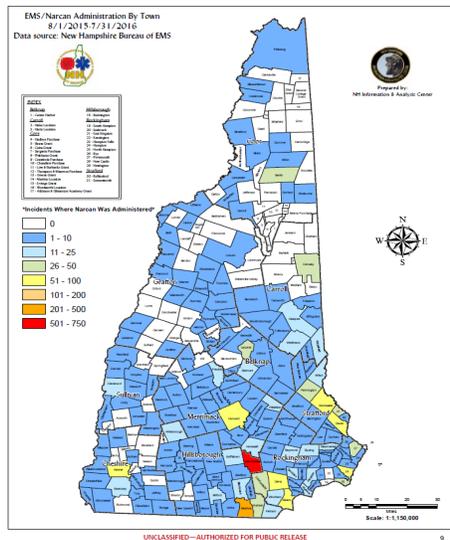
January 1st 2012 through May 31st 2016



Collaboration and Data



EMSFOCUS



EMS and Public Health Collaboration In New Orleans

Jeffrey Elder, MD
 Director and Medical Director for New Orleans EMS
 &
 Joseph Kanter, MD
 Medical Director for the New Orleans Health Department

EMSFOCUS



New Orleans EMS

- ▶ In August 2014, guidance released by the state of Louisiana authorized training/administration of naloxone by first responders
- ▶ New Orleans EMS Medical Director authorized naloxone training for EMR/EMT providers in the City of New Orleans (Fire first response and 3rd service EMS agency)
- ▶ In January 2016, through word-of-mouth via paramedics, EMS noted an increase in opiate overdoses over a 3-4 day period



EMSFOCUS

EMSFOCUS
A Collaborative Federal Webinar Series

ems.gov
Powered by NHTSA's Office of EMS

New Orleans EMS

- ▶ Reviewed data on EMS naloxone use
 - ▶ Averaged 2 uses per day
 - ▶ Increased to an average of 5 uses per day with a max of 10 administrations per day
- ▶ Heat mapping provided a quick view of where naloxone was being administered in the city



EMSFOCUS

EMSFOCUS
A Collaborative Federal Webinar Series

ems.gov
Powered by NHTSA's Office of EMS

NOEMS and NOHD

- ▶ EMS data was shared with the New Orleans Health Department, who engaged hospitals to review opiate related ED cases
- ▶ NOHD issued a public health alert in conjunction with EMS
- ▶ NOHD issued a standing order to allow an increased use of naloxone by the public



EMSFOCUS

EMSFOCUS
A Collaborative Federal Webinar Series

ems.gov
EMERGENCY MEDICAL SERVICES OFFICE OF ORS

NOEMS and NOHD

- ▶ Educated the community on the signs of an opioid overdose and how to use naloxone
- ▶ Instituted better data collection networks with hospitals to compare with EMS data
- ▶ Louisiana House Bill No. 1007 effective June 5, 2016 authorized direct distribution of naloxone to lay persons throughout the state without the need for a prescription

EMSFOCUS

EMSFOCUS
A Collaborative Federal Webinar Series

ems.gov
EMERGENCY MEDICAL SERVICES OFFICE OF ORS

NOEMS and NOHD in Summary



- ▶ Hospital data is complicated
 - ▶ Chief complaints, alternate diagnoses

- ▶ EMS data is complicated
 - ▶ CAD data/trigger vs patient care report data

EMSFOCUS

Federal EMS Efforts to Address the Opioid Overdose Epidemic



EMSFOCUS

Federal Efforts to Improve Patient Care

EMSFOCUS
A Collaborative Federal Webinar Series

ems.gov
EMERGENCY MEDICAL SERVICES OFFICE OF DOT

- ▶ Recognized a need for an **evidence-based guideline (EBG)** for the opioid overdose patient
- ▶ In **April 2016** CMS, NIDA, CDC and NHTSA, with SAMHSA coordination, funded an AHRQ **systematic review** (i.e. literature synthesis)
 - ▶ AHRQ has awarded the systematic review to Oregon Health Sciences University
- ▶ NHTSA is planning to complete the **EBG in 2017**

EMSFOCUS

Federal Efforts to Improve EMS Education

EMSFOCUS
A Collaborative Federal Webinar Series

ems.gov
EMERGENCY MEDICAL SERVICES OFFICE OF DOT

- ▶ Electronic Learning Management Systems (eLMS)
- ▶ NHTSA and the National Center for Disaster Medicine and Public Health (NCDMPH) Workshop exploring eLMS
 - ▶ **eLMS training for EMS personnel on naloxone administration** and other lifesaving interventions
- ▶ On **April 4, 2016** NHTSA and NCDMPH met with **NAEMSO's Education and Professional Standards Council**
 - ▶ Follow up workshop in Albuquerque in **September 2016**

EMSFOCUS



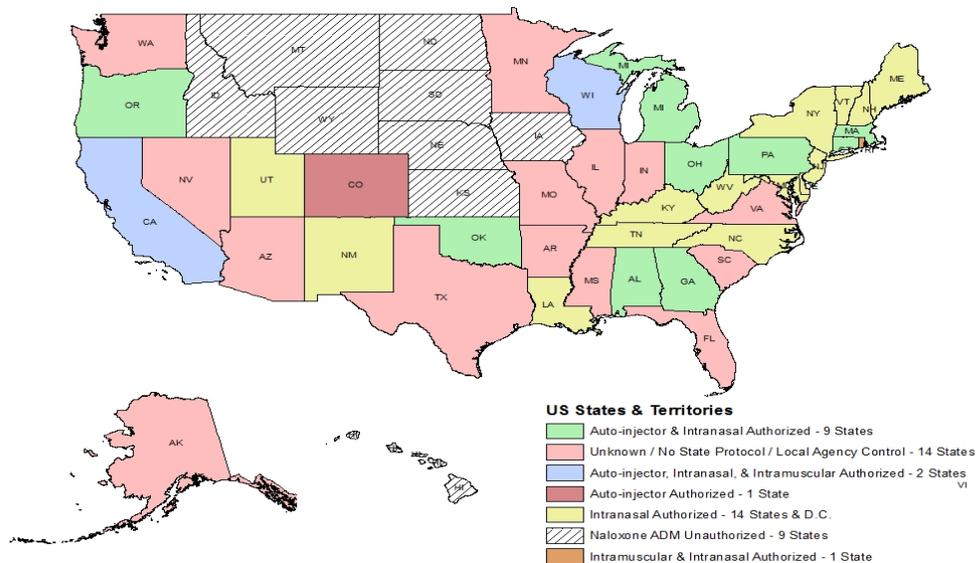
Additional Prehospital-Related Federal Efforts

- ▶ **Comprehensive Addiction and Recovery Act (CARA) of 2016**
 - ▶ Signed into law on **July 22, 2016**

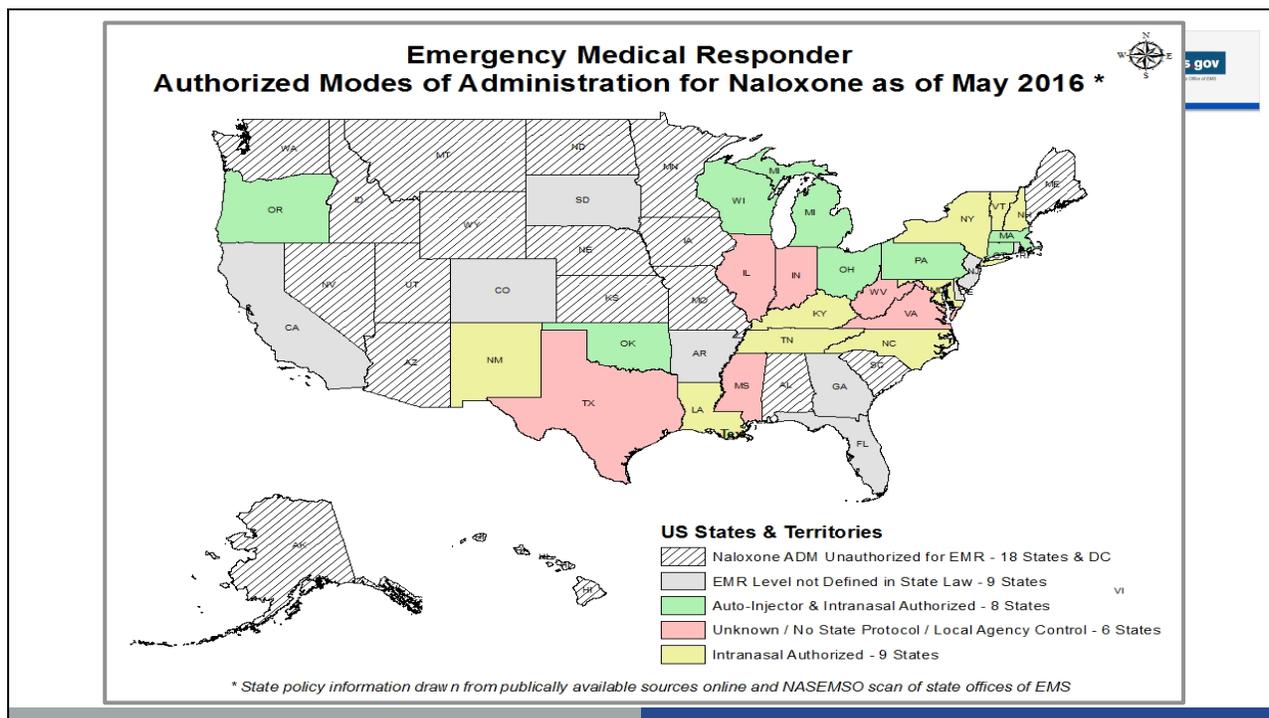
- ▶ CARA includes authorization for:
 - ▶ DOJ led Opioid Abuse Grant Programs for States, local governments, and Indian tribes which can be used to provide **training and resources for first responders**
 - ▶ HHS led Opioid Overdose Reversal Medication Access and Education Grant Program for States
 - ▶ Examining Opioid Treatment Infrastructure Act



**Emergency Medical Technician
Authorized Modes of Administration for Naloxone as of May 2016 ***



* State policy information drawn from publically available sources online and informed by NASEMSO scan of state offices of EMS



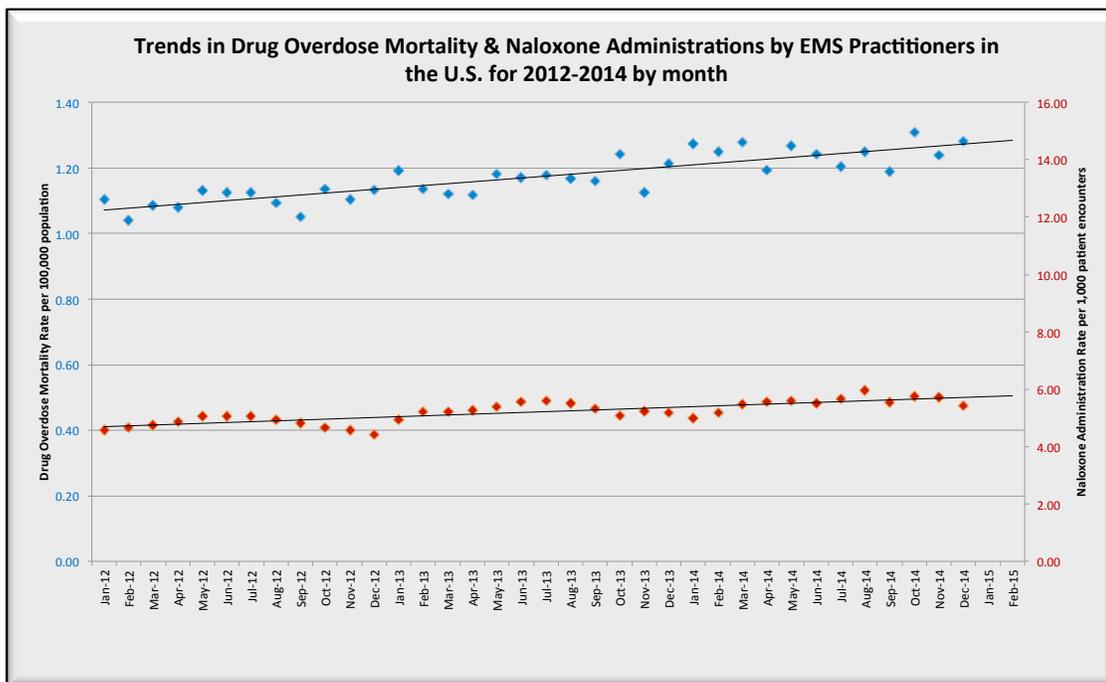
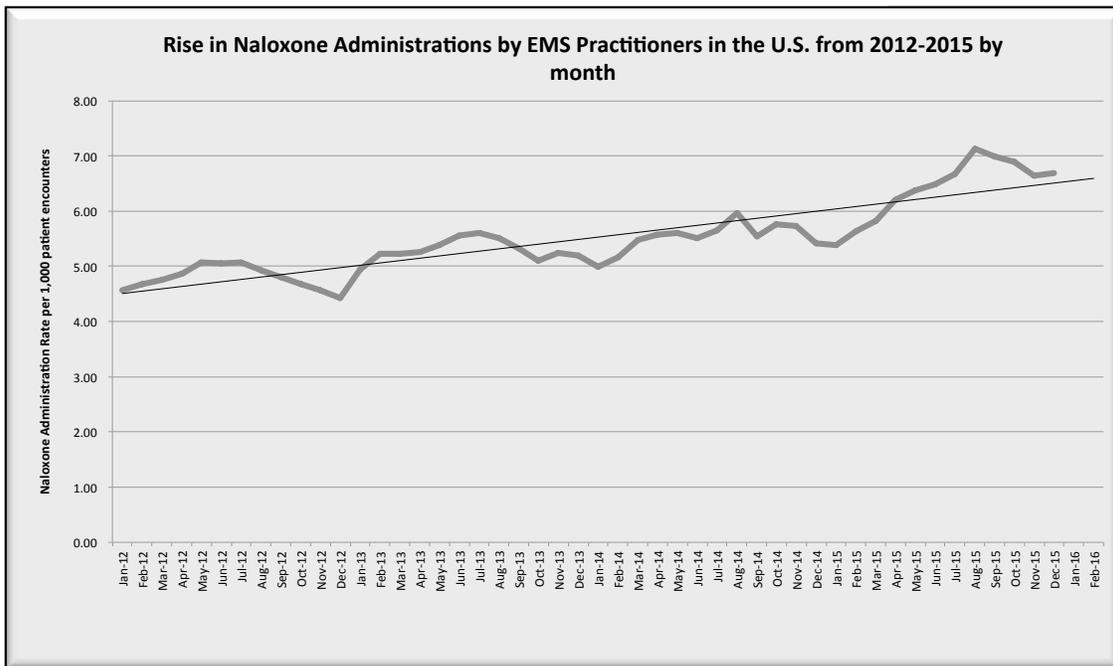
National EMS Information System

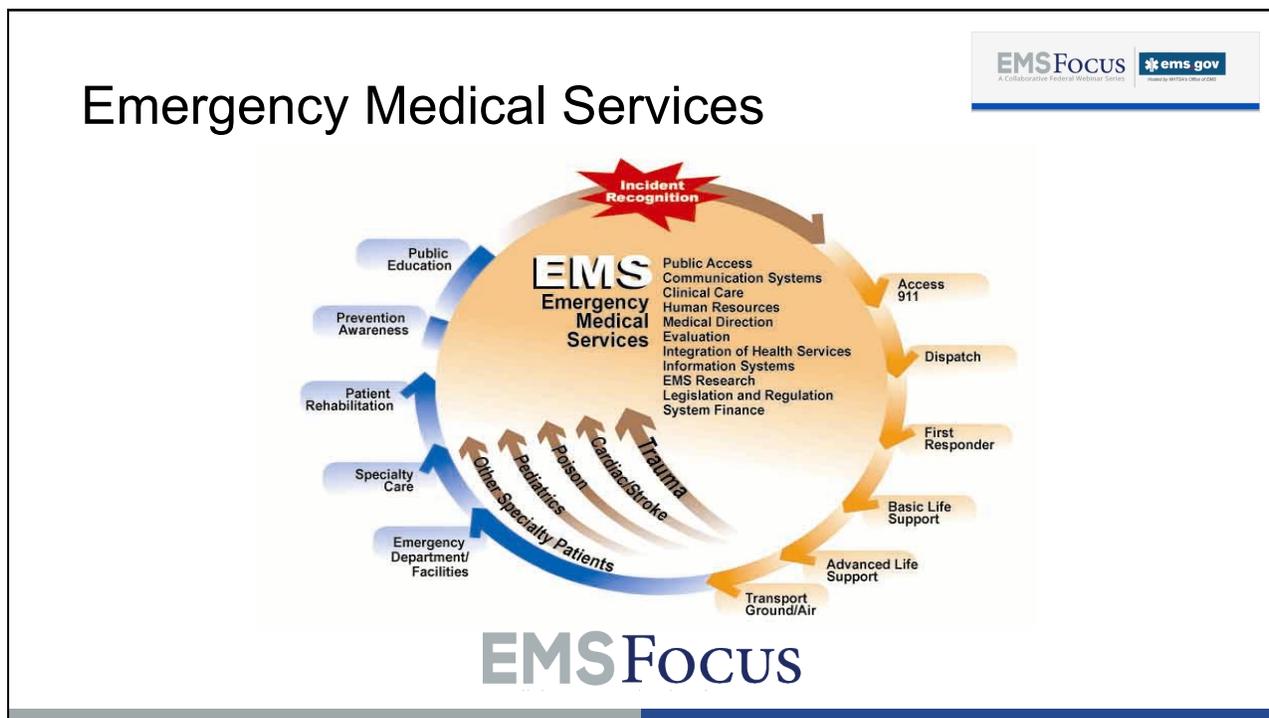
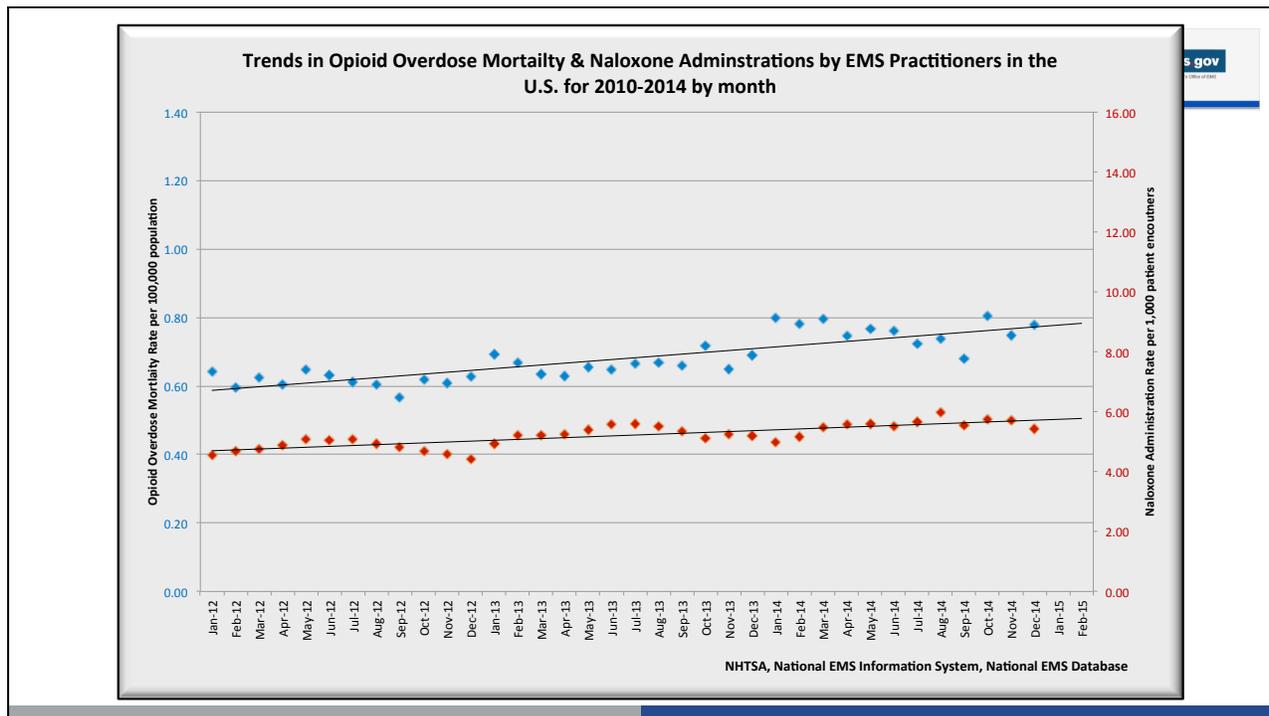


- ▶ EMS personnel administered **naloxone 152,993 times** to **126,484 patients** of all ages in 2014

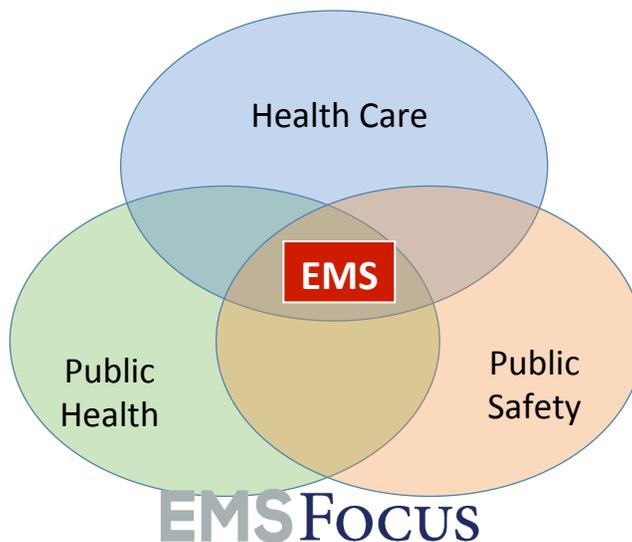
EMSFOCUS







Opportunities for Collaboration



NEMSAC Meeting Sept. 7-8 in DC



Should NHTSA immediately revise the National EMS Scope of Practice Model to add the administration of narcotic antagonists to the Emergency Medical Responder (EMR) and Emergency Medical Technician (EMT) scopes of practice?

If so, what supporting materials would States need to implement a change in their scope of practice?

Register: <https://ems.gov/nemsac-meetings.html>

Email: nemsac@dot.gov

<http://www.ems.gov/pdf/The-NARCAN-Advisory-of-the-NEMSAC-FINAL-080316.pdf>

Questions?

EMSFOCUS