


NC
Nothing Compares
NORTH CAROLINA

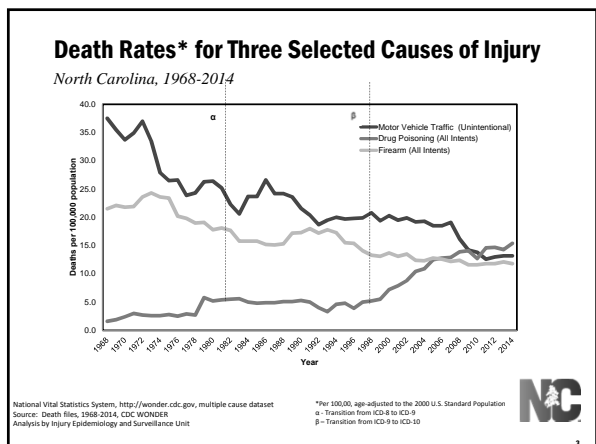
April 19, 2016
Prescription and Drug Overdose in NC

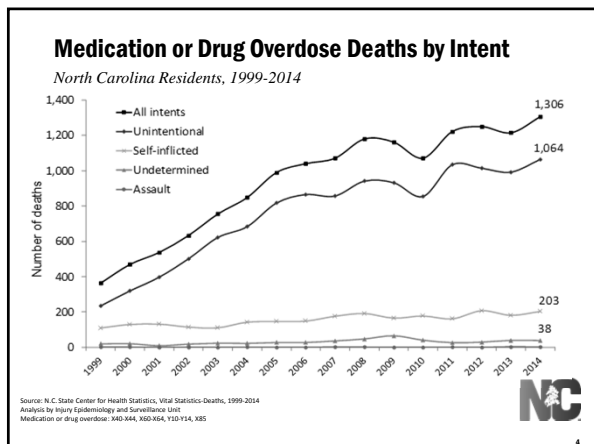
Division of Public Health
Injury and Violence Prevention Branch

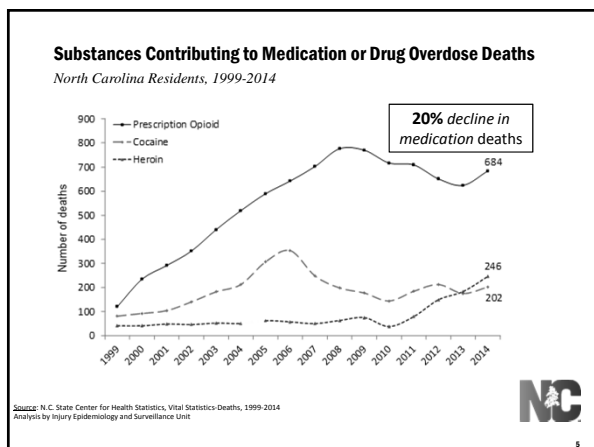
Scott Proescholdbell, MPH – NC's Epidemic

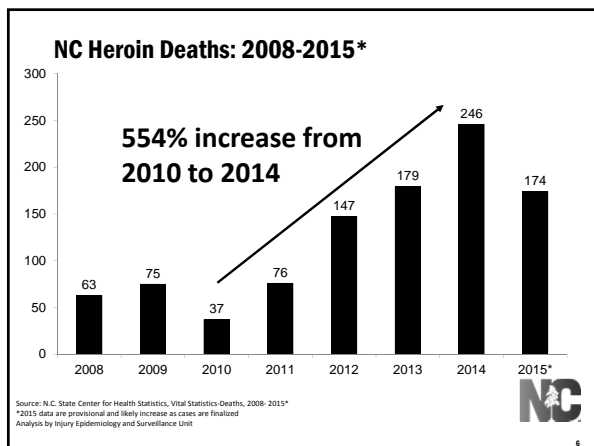


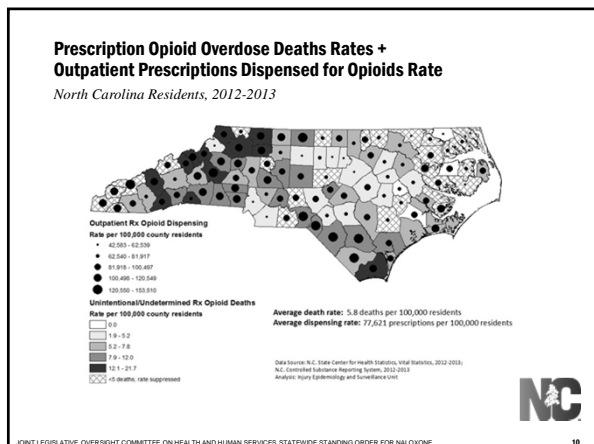
2

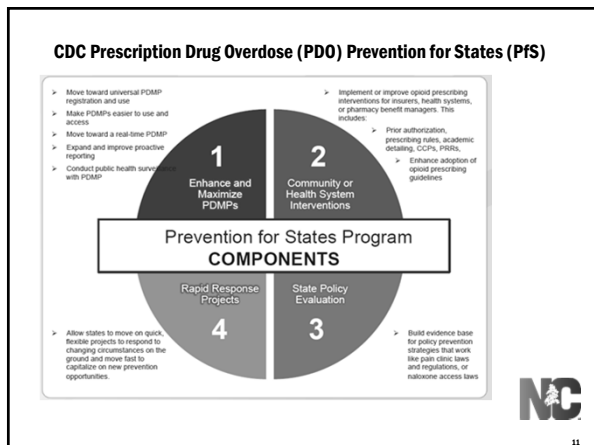












Anna Stein, JD, MPH – NC Policy Update

NC

NC Policy Update

- Proposed legislation for statewide standing order for naloxone
- New CME requirement for provider education on controlled substances prescribing
- Prescriber guidelines
 - NC Medical Board (2014)
 - CDC (2016)



NC Policy Update

- Controlled Substances Reporting System (CSRS)
 - Proposed legislation to prevent data purging
 - Proactive reporting by the NC Medical Board
 - Discussions re: development of guidelines on when to check CSRS by health care systems
- NC Strategic Plan to Prevent Prescription Drug Overdose
- Commercial pharmacy chain initiatives
 - CVS: naloxone available by standing order(?)
 - Walgreens: in-store medication drop-boxes(?)



Nidhi Sachdeva, MPH – Community and Health System Interventions



Agreement Addendum 472 (FY 16-17) + Amd 1

- Under CDC Prevention for States PDO + NC DPH IVPB Cooperative Agreement

- **Phase 1: Core**

- June - August 31, 2016
- \$1,500/county
- Available to all LHDs

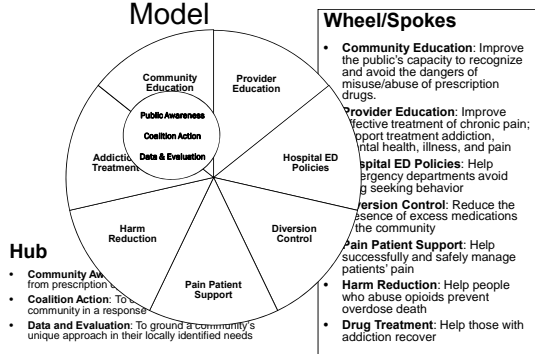
- **Phase 2: Amendment 1, Enhancement**

- September 1, 2016 - May 30, 2017
- Additional \$7,500/county (total \$9,000)
- Available to 20 high burden counties, **ONLY if accept Phase 1**
 - Brunswick, Buncombe, Cabarrus, Carteret, Cumberland, Dare, Davidson, Durham, Forsyth, Gaston, Guilford, Haywood, Henderson, Iredell, Johnston, New Hanover, Pitt, Vance, Wake, Wilkes



16

Community and Health System Interventions Model



Community and Health System Interventions

- **Coalition Action/Community Awareness/Education**
 - Support community coalitions
- **Data Surveillance and Evaluation**
 - NC DETECT Portal and Dashboards
- **Provider Education**
 - Safer and proper prescribing and dispensing of opioids
- **Addiction Treatment**
 - Prescribers who are certified to prescribe buprenorphine for opioid use disorder treatment



18

Community and Health System Interventions

- **Diversion Control**
 - Use of NC Controlled Substances Reporting System
- **Harm Reduction – Naloxone**
 - Medical Providers co-prescribing
 - EMS/Law Enforcement carrying naloxone
 - Pharmacies stocking and dispensing
 - Local standing orders, dispensing from LHDs



19

Coalition Action/Community Awareness/Education

- **Coalition Action**
 - LHD, Hospital, and Healthy Carolinians Coalitions
 - Drug Free Communities
 - NC Coalition Initiative
 - Project Lazarus Coalitions
 - SAMHSA SPF-PFS Coalitions
 - HRSA supported
 - Other youth serving, school or faith based, and substance use, mental health, and advocacy groups
- **Community Awareness and Education**
 - Media and messaging
 - Drug-take back programs



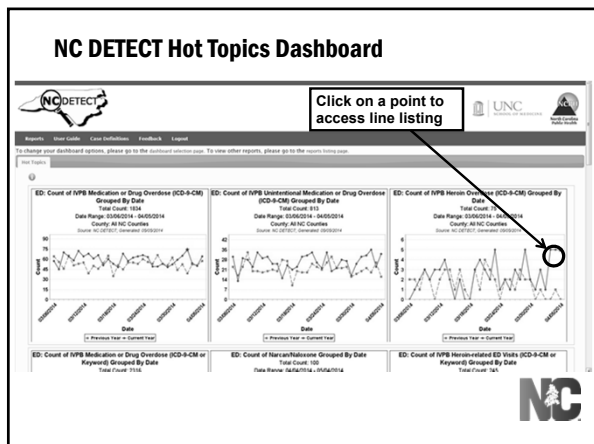
20

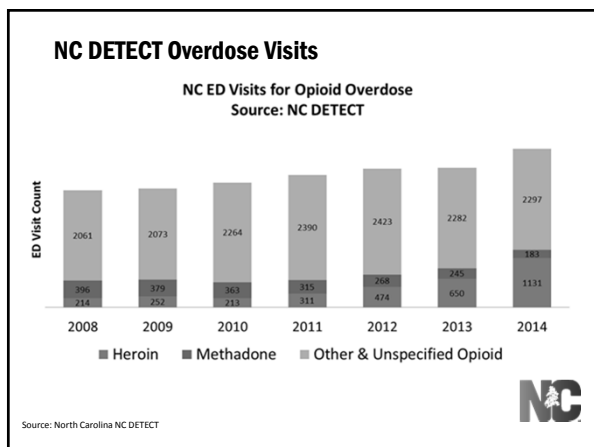
Data Surveillance and Evaluation

Access to NC DETECT

- **NC DETECT web application access for**
 - Local Health Departments
 - Data Providers (Hospitals, EMS, Poison Center)
- **Authorized users are able to view data from**
 - Emergency Departments
 - Carolinas Poison Center
 - Pre-hospital Medical Information System (PreMIS)
- **Training webinars provided by DPH, NC DETECT**
- **Datasets shared with researchers after DUA and IRB approval**
- <https://www.ncdetect.org/ReportsPortal/public/gotoLogin.do>







Provider Education and Training

- Safer and proper prescribing and dispensing of opioids
 - CDC: <http://www.cdc.gov/drugoverdose/prescribing/guideline.html>
 - NC Medical Board: http://www.ncmedboard.org/images/uploads/other_pdfs/Policy_for_the_Use_of_Opiates_for_the_Treatment_of_Pain_June_4_2014.pdf
- NC Training: Governor's Institute on Substance Abuse, Medical and Pharmacy Boards

Addiction/Medication Assisted Treatment

- Prescribers who are certified to prescribe buprenorphine for opioid use disorder treatment
 - Information on buprenorphine waivers and training for physicians
 - <http://www.samhsa.gov/medication-assisted-treatment/buprenorphine-waiver-management>
 - <http://www.samhsa.gov/medication-assisted-treatment/training-resources/buprenorphine-physician-training>
- Increasing limit to 200 patients/physician
- Recovery is possible!



25

Diversion Control

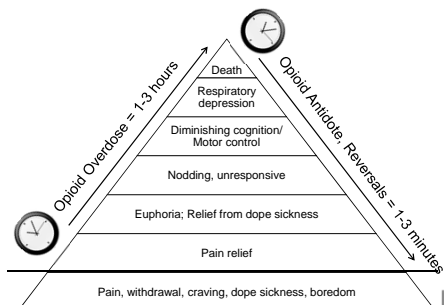
- Law enforcement, State Bureau of Investigation, DEA
- Physician and patients
 - Use of NC Controlled Substances Reporting System, NC's prescription drug monitoring program
 - https://nccsrph.hidinc.com/NC_RxSentry_TrainingGuide_Practitioners_v.1.1.pdf
 - <http://www.ncdhhs.gov/document/nc-controlled-substances-reporting-system-application-information>
 - Registration and Use
 - Delegate accounts
 - Proactive reports



26

Harm Reduction, Naloxone

Effects of Opioids and Naloxone

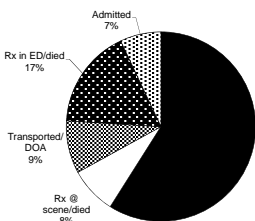


27

Response to Fatal Drug Overdoses

Traditionally, does not arrive in time

- Results of research on drug overdoses (2002): Treatment Provided Prior to Deaths from Unintentional Drug Overdoses, NC: 1997-2001.
- FINDINGS: Most people who die from a drug overdose never receive any medical care
- Lay community needs to know how to recognize and reverse OD's



Source: Sanford. Findings and Recommendations of the Task Force to Prevent Deaths from Unintentional Drug Overdoses in NC, 2003.

28

Harm Reduction, Naloxone

- Naloxone (Narcan®, Evzio®)
 - Providers can and always could prescribe
 - EMS/EMT already carry it with them
 - Project Lazarus of CCNC
 - Project Lazarus of Wilkes County
 - NC Harm Reduction Coalition
- Pharmacies
 - Stock and dispense
 - <https://www.communitycarenc.org/media/related-downloads/community-pharmacies-with-project-lazarus-naloxone.pdf>
- Law Enforcement
 - 70 agencies carrying, 61 reported reversals



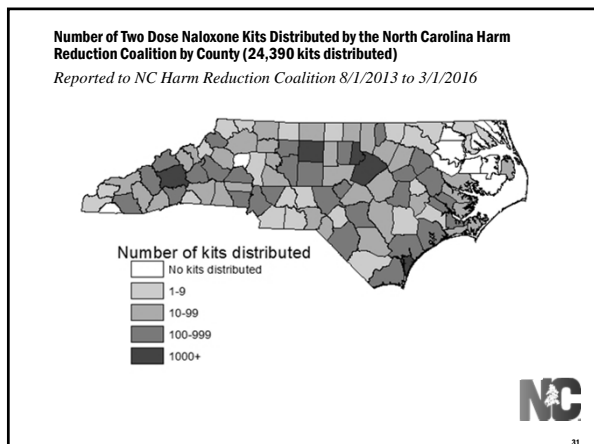
29

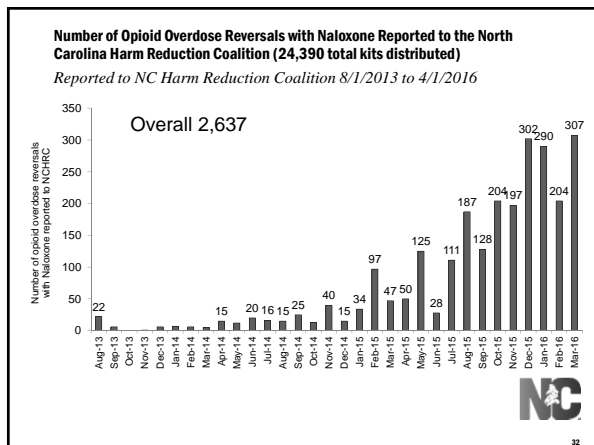
Harm Reduction, Naloxone

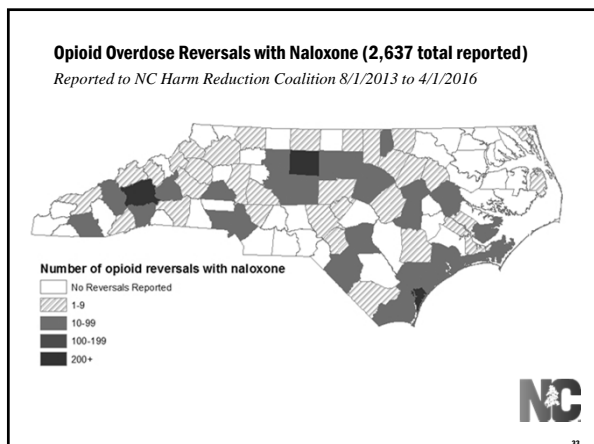
- Local Health Departments! (20+)
- N.C. Harm Reduction Coalition
 - As of April 1, 2016
 - More than 25,000 kits distributed
 - 2,642+ overdose reversals reported!!



30







Adopting Naloxone Standing Orders: A Toolkit for LHDs

Developed by UNC NPH Capstone Team:
Ann Wilson, Elizabeth Moore, Jiyi Wang,
Susan Galloway, Dawn Eason
©2015 UNC NPH

<http://publichealth.nc.gov/lhd/>
<http://publichealth.nc.gov/lhd/docs/NC-LHD-NaloxoneToolkit-08-19-2015-FINAL.pdf>

- BACKGROUND
- STAKEHOLDER ENGAGEMENT
- IMPLEMENTATION
- SUSTAINABILITY
- BUILDING PARTNERSHIPS

Dr. Marilyn Pearson, MD – Johnston County
Integration of Behavioral Health and Primary Care, LHD Co-prescribing of naloxone



28

Lisa Macon Harrison, MPH – Granville-Vance District
Project VIBRANT and LHD standing order for off-site pharmacy dispensing

29

Project VIBRANT

Vance Initiating Bringing Resources
and Naloxone Training







What is VIBRANT?

ROOR: HRSA Rural Opioid Overdose Reversal Grant

Purpose: Project V.I.B.R.A.N.T is a collaborative partnership across many different local agencies in Vance County to prevent overdose and save lives through the distribution of overdose rescue kits containing naloxone, a medicine that reverses opiate/opioid overdoses.

Local Community Health Priorities

- Mental Health and Substance Abuse
- Nutrition and Physical Activity
- Education and Success in School

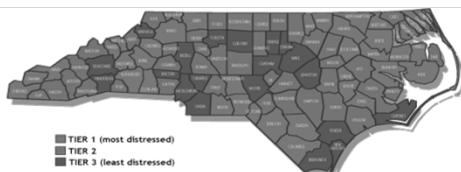


Emerging Issue – Prescription Drug Abuse



- Drug overdoses are the leading cause of unintentional injury death in America
- 16,651 overdoses from Opioid painkillers
- There is a relationship of sales of opioid painkillers and overdose death rates

Rural – Urban Continuum 3 Economic Tier Designations



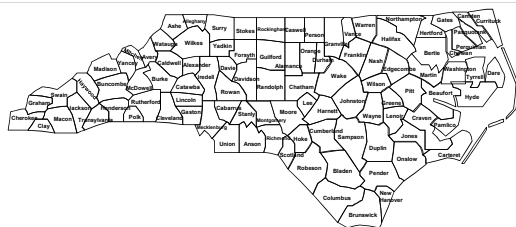
Source: NC Department of Commerce
 Tier 1 Most Economically Distressed: 40 Counties
 Tier 2 Distressed: 40 Counties
 Tier 3 Urban or Least Economically Distressed: 20 Counties

Source: N.C. Department of Commerce



North Carolina has 100 Independent Geo-Political Counties North Carolinians have access to 100+ physical locations for local public health

*There are 85 Local Health Department Administrative Units (85 local health directors)
 Including 1 Local Hospital Authority (pink), 1 Local Public Health Authority (green)
 and 6 Local Public Health Districts*



Recent Accomplishments

- Naloxone kit distribution
 - Over 200 kits distributed in Vance County since October 2015
- Reversals
 - 40 reported in Vance County since October 2015



Coalition Members

- | | |
|--|---|
| <ul style="list-style-type: none"> • Lisa Harrison
GVPH, Project Director • Tyisha Terry
GVPH, Project Manager • Bailey Goldman
GVPH, Health Education Lead • Kelly Dennis
GVPH, Health Educator • Dr. Shauna Guthrie
GVPH, Medical Director • Deborah Griffin
GVPH, Nursing Director • Loftin Wilson
NCHRC, Outreach Worker • Cindy Haynes
Duke CCRIC, Chronic Pain Coordinator • Lellani Attilio
NCHRC, Grant Manager and National Affairs Liaison • Nidhi Sachdeva
DPH Injury and Prevention Branch | <ul style="list-style-type: none"> • Jeanne Harrison
Alliance Rehabilitative Care, Executive Director • Kevin Sullivan
Vigilint, Director of Operations • Sheriff Peter White
Deputy Cowan
Vance Sheriffs Department • Mr. Checky White
Medical Arts, Pharmacist • Dr. Bowman
Professional Pharmacy, Pharmacist • John Mattock
Vance Recovery Center, Program Director • Gina Dement
Cardinal Innovations • Patricia Dillard
Back on Track, Director of Outpatient Substance Abuse Services • Stephen Barney
VGCC, EMS Program Instructor |
|--|---|

North Carolina



Complexity



Visual Complexity
Mapping Patterns of Information

Manuel Lima

Princeton Architectural Press
New York

Healthier Communities Moving Forward

- Local stakeholder engagement in community
- **Evidence-based** policy, programs and interventions
- Statewide health objectives to inform policy



Benjamin Disraeli

“The health of the people is really the foundation upon which all their happiness and all their powers as a state depend.”



Questions?

Nidhi Sachdeva, MPH
919.707.5428 | nidhi.sachdeva@dhhs.nc.gov

Anna Stein, JD, MPH
919.707.5406 | anna.stein@dhhs.nc.gov

Scott Proescholdbell, MPH
919.707.5442 | Scott.Proescholdbell@dhhs.nc.gov

Marilyn Pearson, MD
919.989.5225 | marilyn.pearson@johnstonnc.com

Lisa Macon Harrison, MPH
Vance 252.492.7915 ext. 239, Granville 919.693.2141 ext. 144 | lharrison@gvdhd.org