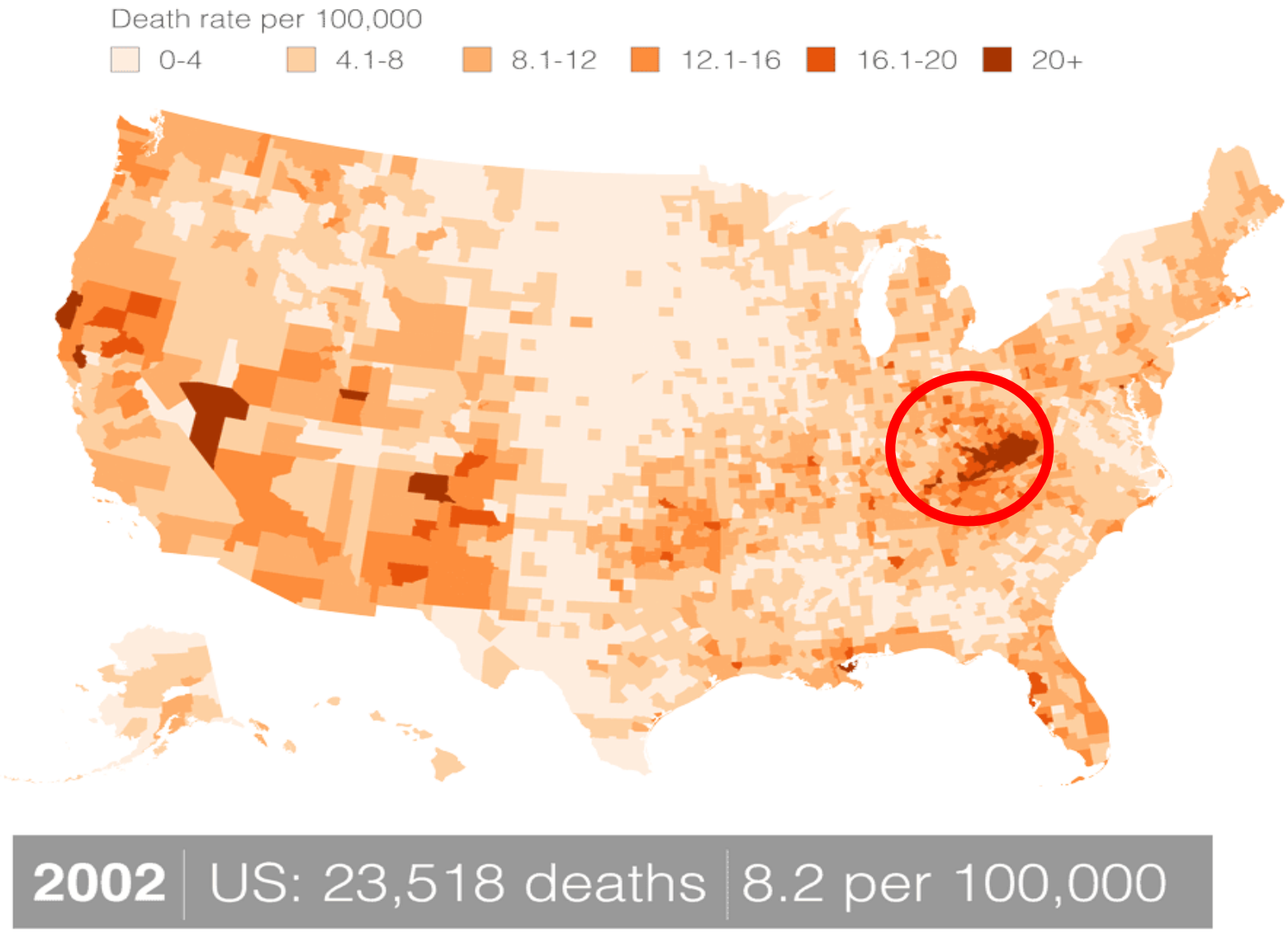
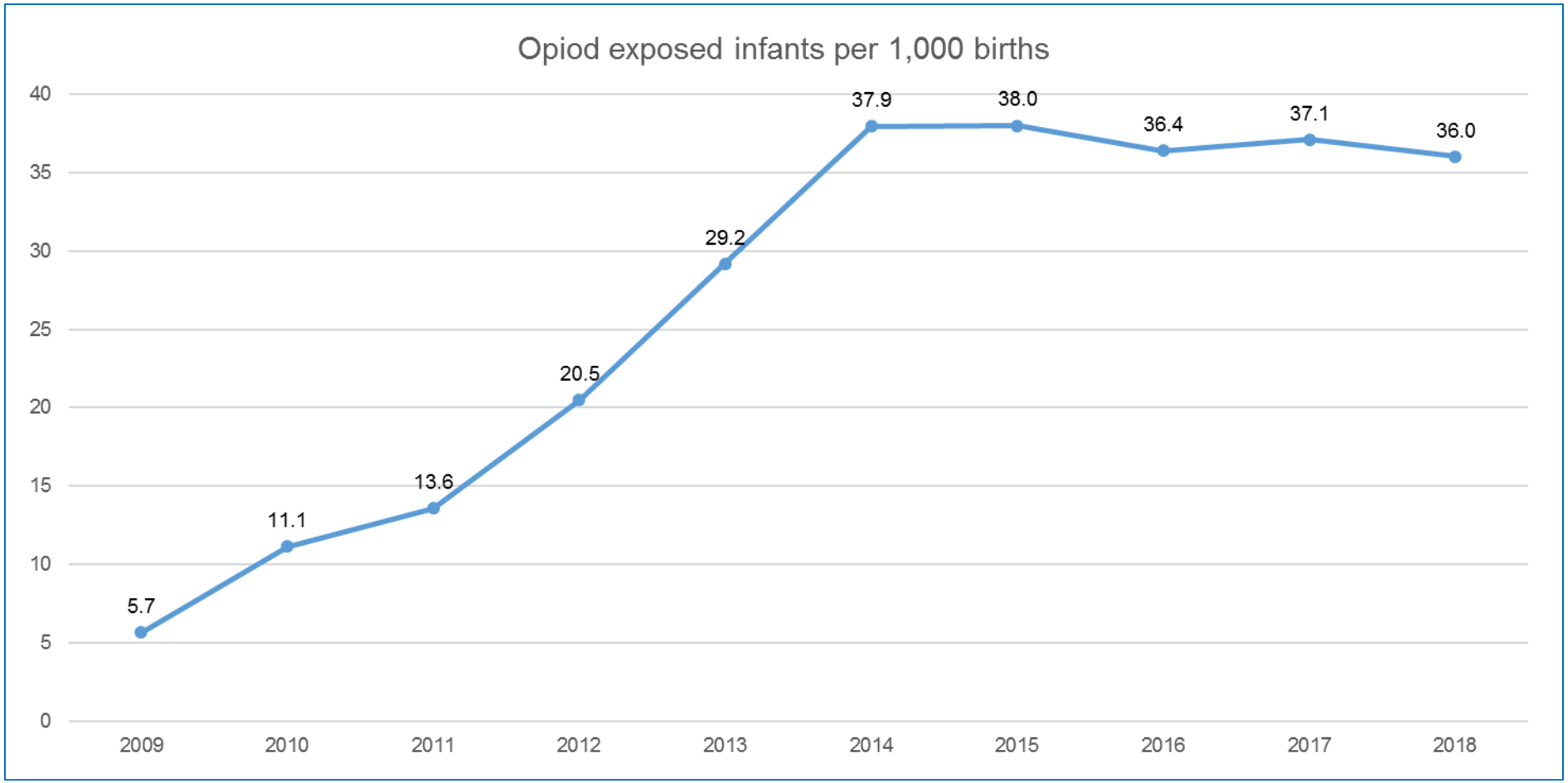


Source: CDC Drug poisoning mortality statistics. Graphic by Alex Newman.

Cincinnati Region: Opioid exposure rate per 1,000 births (631% increase)



Ohio Children's Hospital Association

Saving, protecting and enhancing children's lives

Projects: OCHA & OPQC

- Sept. 2012 – Sept. 2014
- Six children's hospitals and their affiliates
  - (20 total hospitals)
- 994 infants
- Included **only** infants that required pharmacological treatment for NAS

- January 2014-June 2016
- 54 sites:
  - 26 Level II NICU's
  - 26 Level II Special Care Nurseries
  - 2 Normal Newborn Nurseries
- 6131 infants in the database
- Includes infants that receive ***both*** non-pharmacological AND pharmacological treatment

Improve Consistency in Modified Finnegan Scoring

Key Driver:

Attain high reliability in NAS scoring by nursing staff

Intervention:

Fulltime RN staff at Level 2 and 3 hospitals to complete D'Apolito NAS scoring training video and achieve 90% reliability.

- All sites use same tool
- Train RN staff to 90% reliability in scoring using D'Apolito Training System
- OPQC has sent out DVD's to each site

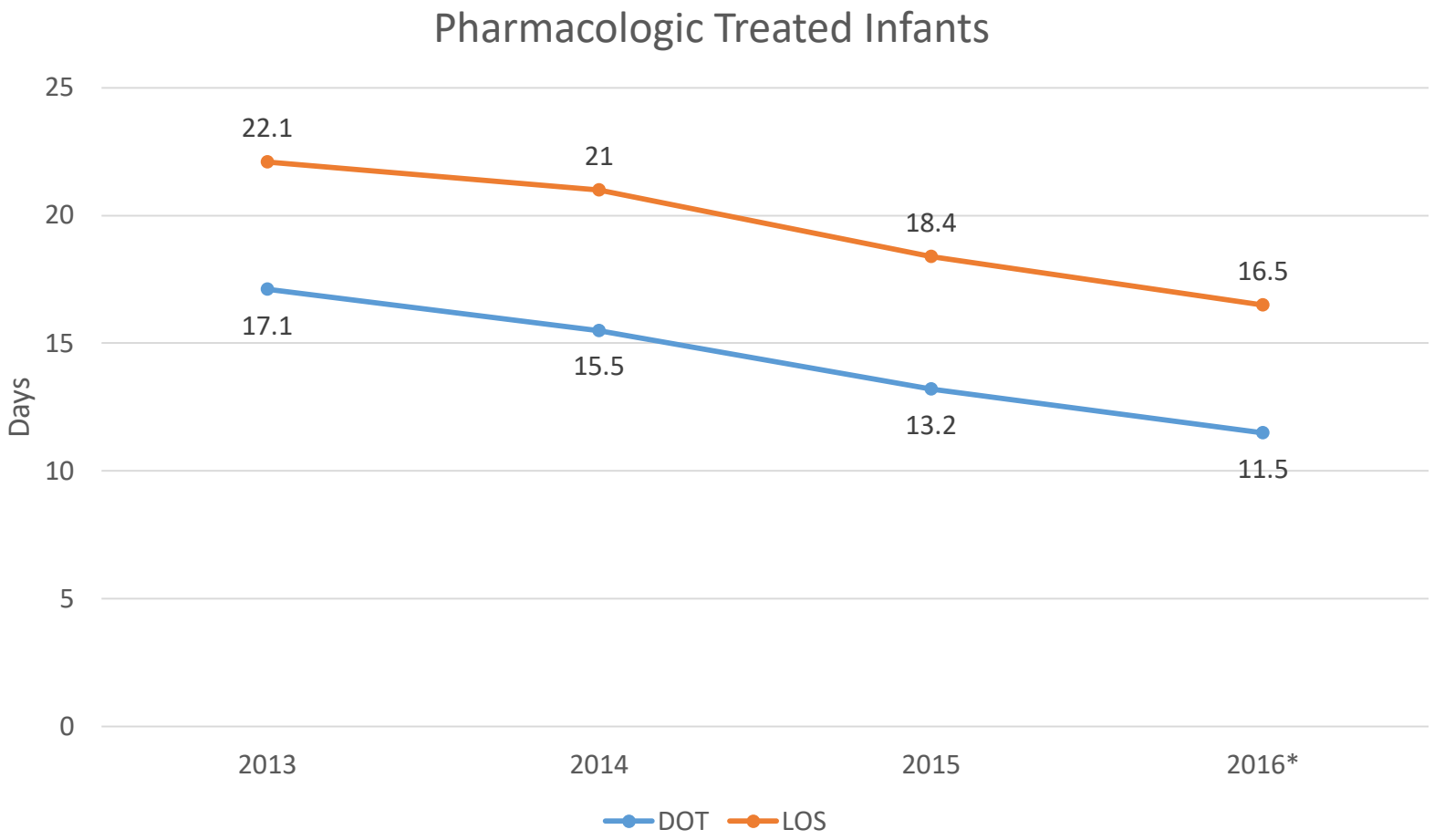
Pharmacological Bundle

Key Driver:

Standardize NAS Treatment Protocol

- **Initiate Rx If NAS score > 8 twice.**
- **Stabilization/ Escalation Phase**
- **Begin wean when stable for 48hrs**
- **Discharge home after 48hrs (Morphine) to 72hrs (Methadone)**

LOS and DOT for NAS infants CCHMC Perinatal Institute



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Heroin deaths jumped 140 percent in Jefferson County in 2014
Alabama ranks #1 as highest painkiller prescribing state
Jeffco sees 25 heroin, Fentanyl deaths in June; 103 fatal overdoses so far in 2016
Jasper Pharmacist Sentenced to Two Years in Prison for Illegally Dispensing Prescription Drugs
'A plague on society': Fentanyl deaths in Jefferson County more than doubled in 2016
Jessica Kilpatrick, Walker County
Feds indict Vestavia Hills doctor on 10 charges related to Jasper 'pill mill'
Prescription Drug Overdose Problem in Walker County

CARA Act, 2016, 2018. (House 407-5, Senate 94-1)
A **collaborative, non-punitive** approach.

Domains that might be in a Plan of Safe Care

- Primary, Obstetric and Gynecological Care
- Substance Use and Mental Health Disorder Prevention and Treatment
- Parenting and Family Support
- Infant Health and Safety
- Infant and Child Development

- Women with SUD are identified during pregnancy.
- Engaged into prenatal care, medical care, substance use treatment, and other needed services.
- Plans address the needs of BOTH INFANTS AND PARENTS/CAREGIVERS.

UAB CAPP 205-934-2173

How we help and what we do…

- Enhanced prenatal services and social support through group care
- Assistance navigating government systems
- Alabama Department of Human Resources
- Family Wellness Program
- Social Services, Medicaid, WIC
- Neonatal Abstinence Inpatient Services

Partnerships

- UAB OB Complications Clinic
- Beacon Addiction Recovery program
- UAB Addiction Medicine
- DHR
- Family Court
- Aletheia House & Olivia's House
- Impact Family Counseling

enables us to offer prenatal care like never before!

Jefferson and Jackson Co. QIC Safe Care Teams

Jefferson County QIC Goals

- Engage pregnant and post-partum women in substance abuse treatment
- Retain intact families for infants delivered to substance-involved parents
- Reduce the length of time for out-of-home placement for children birth to three years
- Increase the collaborative capacity of the community to meet the needs of the target population
- Engage in evaluation and performance measurement

CALL US, ALABAMA 205-585-4193

- Judge Alan Summers
- Mark Wilson, MD (JCDH)
- Morissa Ladinsky, MD
- Leslie Plaia (RRC/Peer support)
- George Casey (IMPACT)
- Francine Fenderson (DHR)
- Shajuane Jones (Case manager)
- Jan Bell (CPC)

Better together…steal shamelessly

- Improvement science
- Continually translating evidence to practice
- Teams address problems as they arise.
- Teams coming together to share data, lessons.
- “All teach, all learn”

Better tomorrows for our kids and those who love them.