



St. Elizabeth
HEALTHCARE

**Regional Strategic Plan for
Pregnant Women with Substance Use Disorder**

October 2018

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Current Landscape

Neonatal Abstinence Syndrome (NAS) Geographic Distribution in U.S.



Source:

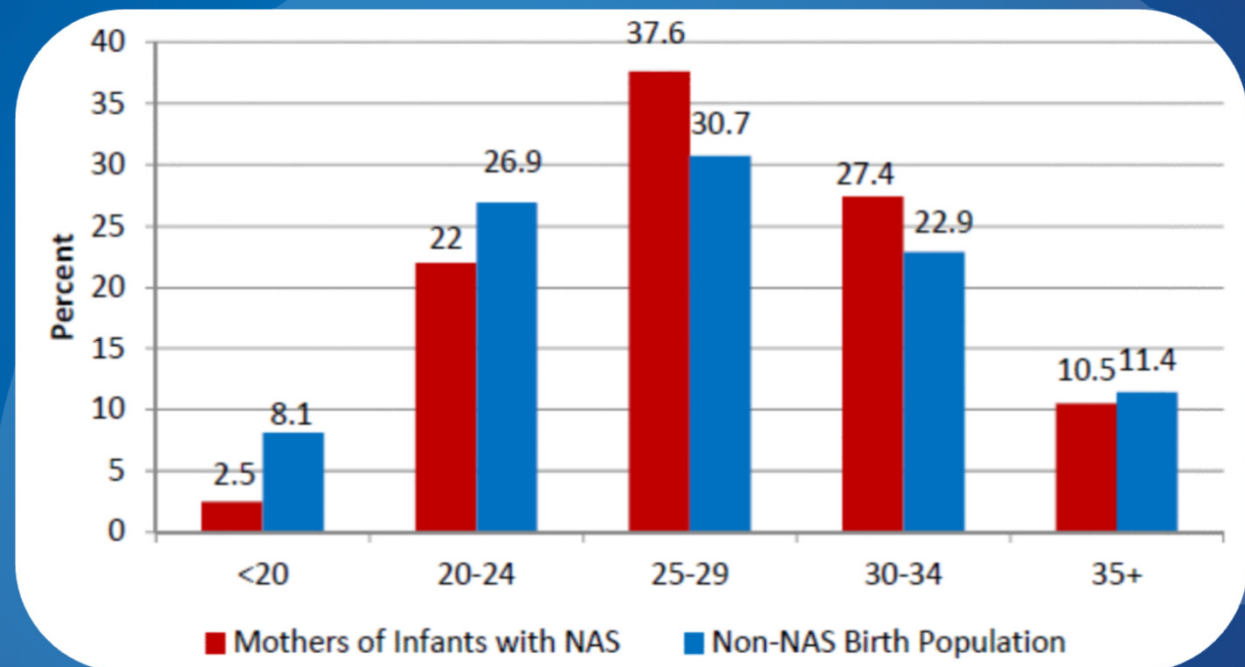
Annual Report Neonatal Abstinence Syndrome in Kentucky, From the Public Health Neonatal Abstinence Syndrome Reporting Registry
Patrick SW, Davis MM, Lehmann CU, Cooper WO.
Increasing Incidence and Geographic Distribution of Neonatal Abstinence Syndrome: United States 2009-2012

Current Landscape

Over **86%**
of Kentucky
mothers of
babies with
NAS are
between
**ages 20
and 34**



Age of Kentucky Mothers



Source:
Annual Report Neonatal Abstinence Syndrome in Kentucky, From the Public Health Neonatal Abstinence Syndrome Reporting Registry
Kentucky Neonatal Abstinence Reporting Registry, 2016 linked to Live Birth Certificate Files, 2016, Office of Vital Statistics

St. Elizabeth Statistics 2015 to 2017



NAS Babies
required an
average
length of stay
of **14** days

Over
650 Babies
born exposed to
opiates
(1 in 20)



Over
290 Babies
born with NAS
(1 in 50)



Over
57%
NAS Babies
required treatment
born to Hep C
positive moms



**NAS Babies
sent home...**

42% with Mom **and no required** supervision

33% with another relative or **into foster care**

25% with Mom **and required** supervision

Great Successes at St. Elizabeth...



Awarded **Kentucky Opioid Response Effort (KORE)** grant to fund **Baby Steps**. **Thank you!**
525 referrals in **2017**



- ✓ While mom is in recovery, her baby is at her side; **keeping moms and babies together**
- ✓ 80% of moms go through recovery with their children using **COR-12** (Comprehensive Opioid Response with Twelve Steps)

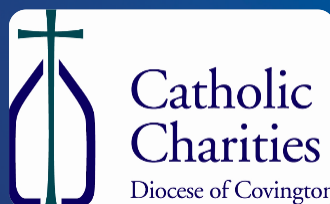
Traditional 12-Steps Program +
Medication-Assisted Treatment (MAT)

...but still more to do!

Developing a Community Plan by Working Together



NKY Office of Drug Control Policy



OUR MISSION

Create an evidence-based continuum of care for pregnant women with SUD that promotes better health and well-being for both mom and their newborn, up to 2 years.

OUR VISION

To promote healthier outcomes for pregnant women with addiction, particularly to opiates, and their children.

Helping Moms across the Continuum of Care



Prenatal

Conception to
Delivery



Perinatal

Delivery to
6 months



Postnatal

7 months to
2 years

Collaborative Goal #1

Facilitate early induction on buprenorphine/Subutex for pregnant women with SUD.

Baseline: 2015 to 2017
SEH Family Birth Place

Objective by
December 2021



13,291

babies born



292

babies born with NAS

2.2%



to **1.9%**
(15 NAS
births/year)

Collaborative Goal #2



Increase post-birth collaboration and coordination of care among facilities providing post-partum services/parenting to women with SUD to improve the developmental trajectory of NAS babies born at St. Elizabeth Family Birth Place.

Objectives by
December 2018

- Create a plan for **Neonatal Therapeutic Unit (NTU)** in St. Elizabeth Family Birth Place
- Establish regular meeting schedule of NAS **Community Collaborative to monitor outcomes**

Collaborative Goal #3



Enhance the recovery of mothers who deliver at St. Elizabeth Healthcare by providing recovery support and quality medical care up to 2 years post-partum.

Baseline



26 women at Healthy Newborns House in Dayton



30 beds dedicated to pregnant women at Residential Treatment Facility in Erlanger (primarily for up to 6 months)

Objective by December 2019

Establish a plan for extended housing options.



Collaborative Goal #4

Track and monitor relevant data on birth outcomes for women with SUD and the impact of recovery support up to 2 years post-partum.

Baseline

Currently collecting great data!

SAMPLE:

- What is % of opiate exposed infants to live births at SEH Birthing Center?
- What is % of NAS to opiate exposed infants at SEH Birthing Center?
- What is % of NAS to live births at SEH Birthing Center?
- How does the timing for induction on buprenorphine impact the % of NAS babies?
- Is there a difference in length of stay for NAS babies based on timing of buprenorphine induction?
- Does the timing of buprenorphine induction impact gestational age at time of delivery?

Objective by
December 2018



Establish a research agenda
to inform best practice.

Thank you!

Questions?