



Mother and Child Health During Pregnancy and Beyond Birth

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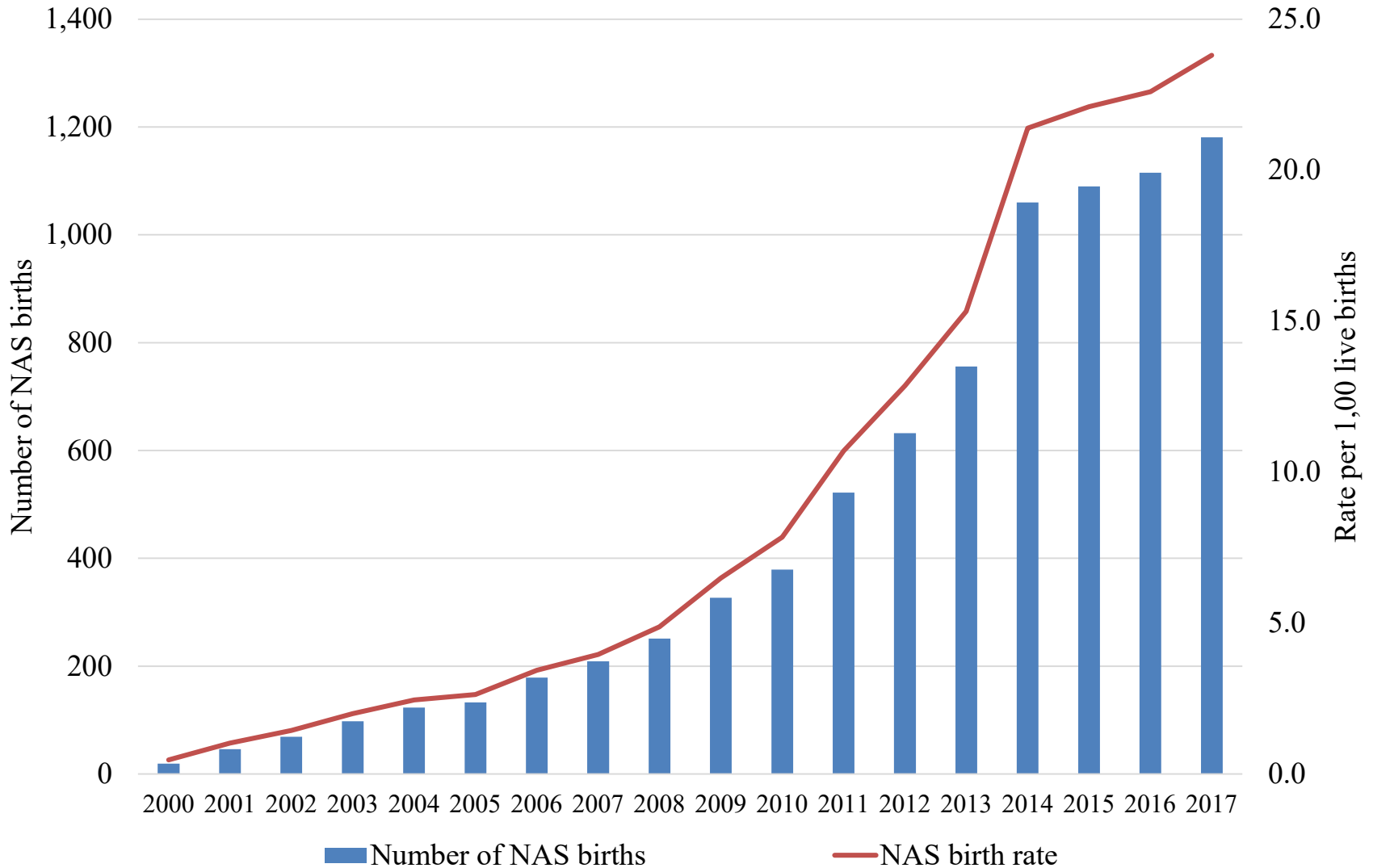


Treatment of Opioid Use Disorder (OUD) in Pregnancy

- Untreated OUD has significant negative impacts on maternal, fetal, and neonatal health (most notably Neonatal Abstinence Syndrome [NAS]) and increases risk for loss of custody of newborn
- Opioid detoxification (while commonly employed) has low success and high relapse rates compared to maintenance
- Medication treatment is highly efficacious and evidence-based



Kentucky Resident NAS Numbers and Rates, 2000-2017





Key Points about Opioid Use Disorder During Pregnancy

- **Punishment \neq effective deterrent**
- **Comprehensive treatment works!**
 - Three-fold decrease in mom's opiate use
 - Increase in prenatal care
 - Three-fold decrease in low birth weight (LBW: <2500 grams)
 - Decrease in perinatal HIV transmission to less than 2%
 - Two-fold increase in maternal custody in 1st year of baby's life
 - Importance of rooming in, mom & baby allowed skin-on-skin time, and other non-pharmacologic newborn treatments



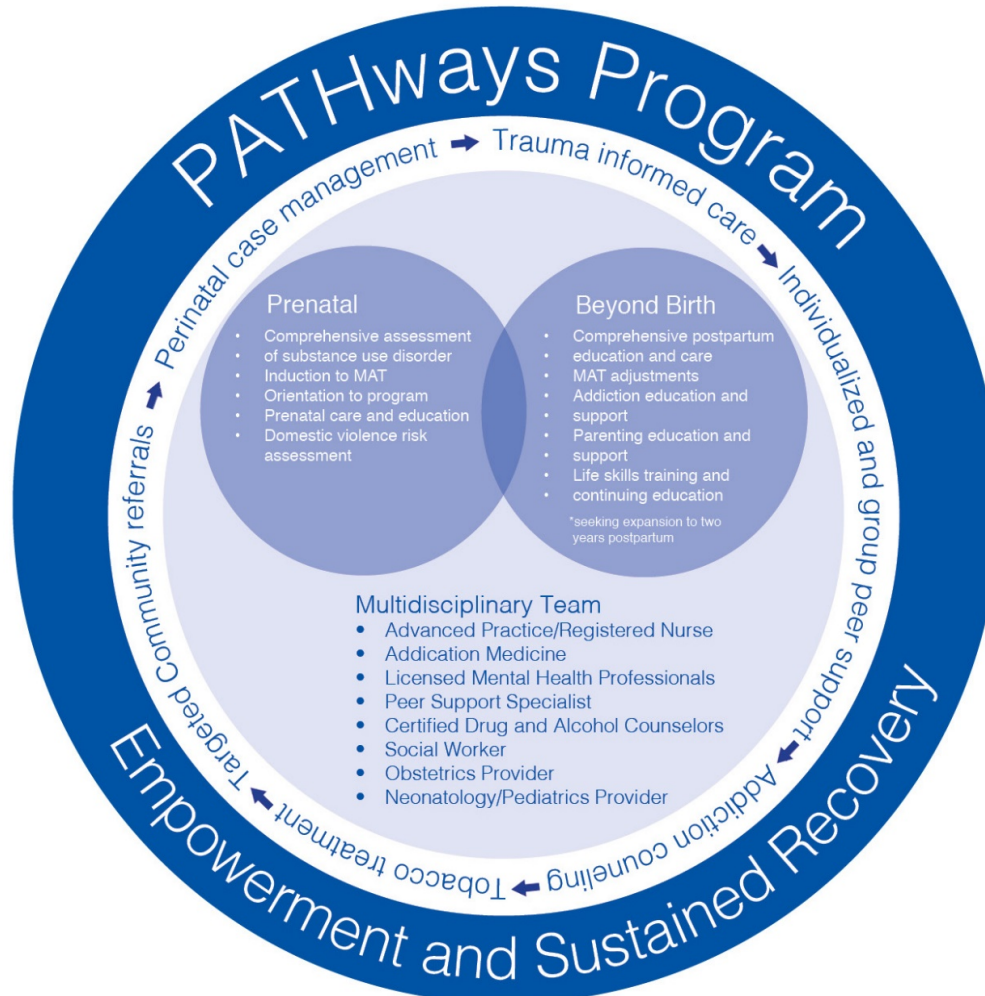


Treatment of OUD in Pregnancy

- **Methadone has been used in pregnancy since the 1970's.**
 - Effectively stabilizes patients, reduces/eliminates opioid use, decreases risk of injecting-related infections (HIV, HCV) to mother and baby
 - Requires daily visits to a clinic and limited availability
- **Buprenorphine has been in use since approval 2002.**
 - Effectively stabilizes patients, reduces/eliminates opioid use, and decreases risk of injecting-related infections (HIV, HCV) to mother and baby
 - Prescribed in office-based practice at regular appointment intervals
 - Safer with lower risk of overdose than methadone
 - Less severe NAS and shorter hospital stays for neonate



Perinatal Assistance and Treatment Home (PATHways)







Panel

- Heather: Treatment, Remission and Recovery
- Natalie Kelly: Kentucky Department for Community Based Services-Foster Care
- Dr. Agatha Critchfield: UK Department of Obstetrics, Pathways Program
- Dr. Kristin Ashford: UK College of Nursing, Beyond Birth Program