

DRUG FREE MOMS AND BABIES PROJECT

An integrated, comprehensive maternity and behavioral health care model



West Virginia Perinatal Partnership

A statewide partnership of healthcare professionals and public and private organizations committed to improving perinatal health in West Virginia.

Our Vision

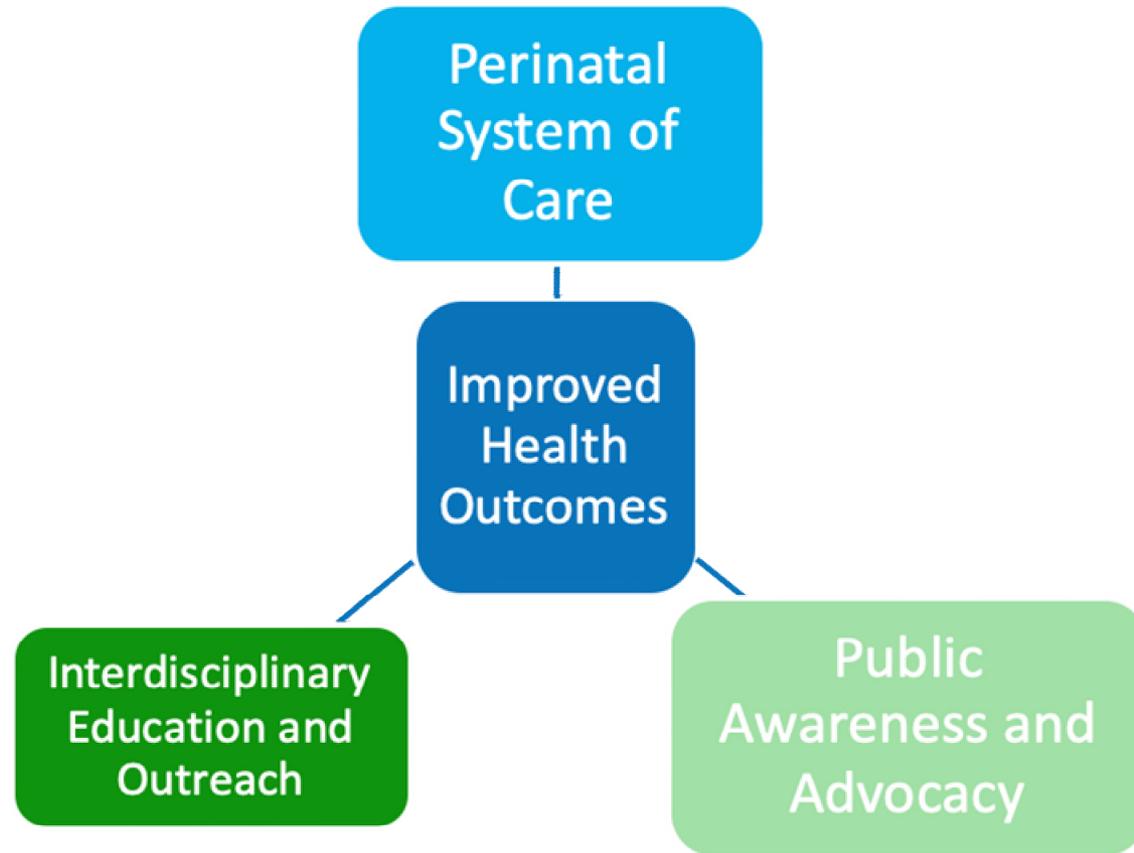
Healthy mothers and healthy babies
in a supportive community

Our Mission

To engage and unite healthcare providers and stakeholders in improving maternal and infant health outcomes



Goals and Strategic Priorities



Improving Perinatal Outcomes Through Partnership

The WVPP was strategically structured as an independent entity (501 c3, non-profit) to bring all the key players together in a neutral space to work collaboratively on a set of shared goals.



Drug Free Moms and Babies Project (DFMB)

Goal

To deliver drug free babies or lessen the effects of prenatal substance exposure.



DFMB Funded by:

**CLAUDE
WORTHINGTON
BENEDUM
FOUNDATION**

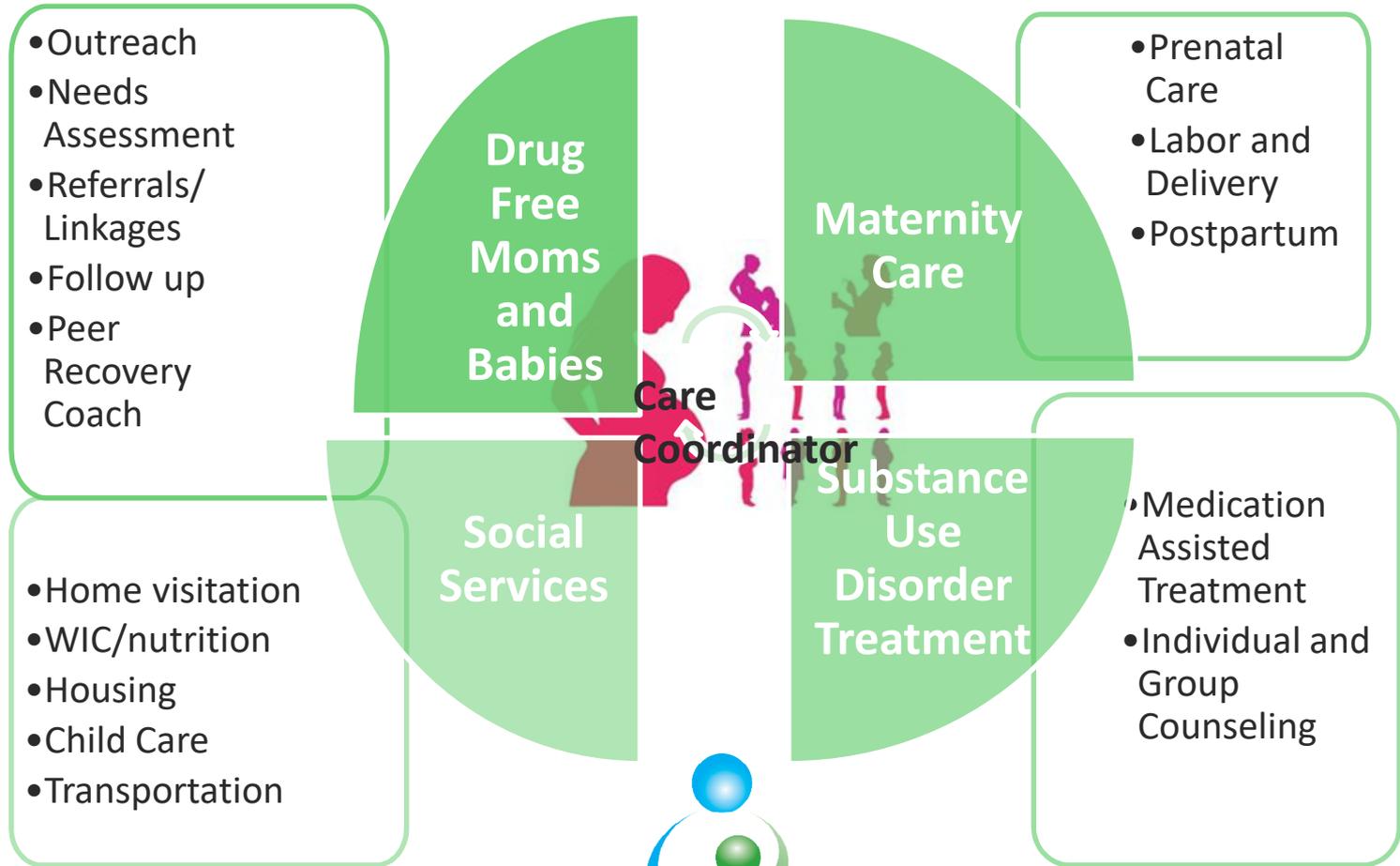


WV OFFICE OF
**Maternal, Child
& Family Health**

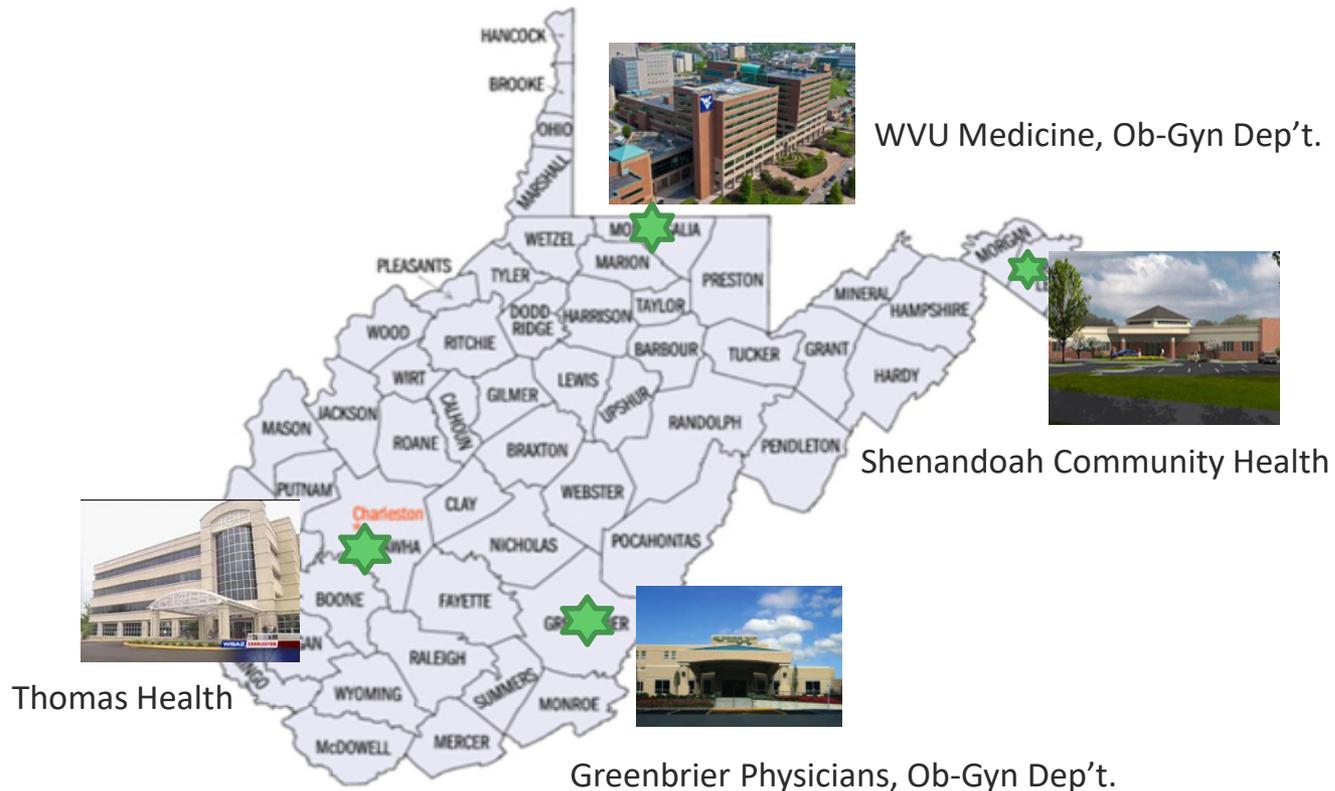
West Virginia Department of Health and Human Resources



Drug Free Moms and Babies Model Services

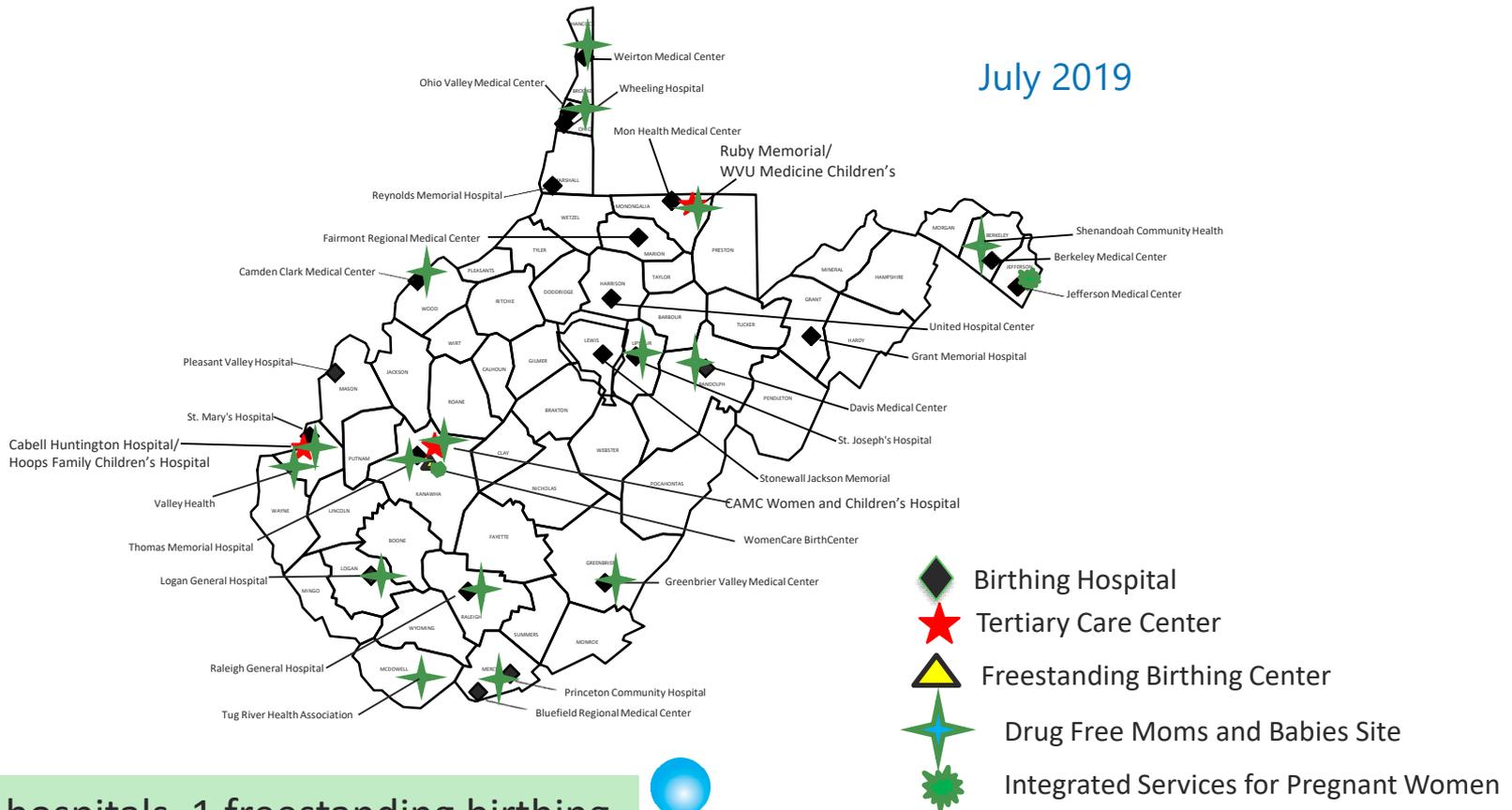


DFMB Pilot Project Sites 2012-2018



West Virginia Birthing Facilities and Drug Free Moms and Babies Sites

July 2019



25 birthing hospitals, 1 freestanding birthing center
16 DFMB programs (operating or in development)



Working together for
healthier mothers and babies

Who is being served?

- Expansion Data: entered between 1/1/2018-10/18/2019
- **1049** Entries from **10** Sites
 - 67 Readmissions
 - 982 Unduplicated
- Pilot Data: 2012-2018
- 597 Entries from 4 Sites
 - 47 Readmissions
 - 550 Unduplicated

1532 total women served!



Who is being served?

Expansion (N=982)

- Race/Ethnicity
 - 89.4% White
- Maternal Age:
 - 26.5 (Range 16-41)
- Number in Household:
 - 3.3 (Range 1-8)
- Number of Living Children:
 - 1.9 (Range 0-8)
- Marital Status:
 - Never married: 69%
 - Married: 18%
- Cohabitation (for those not married):
 - Yes: 61%
- Planned Pregnancy:
 - 18%



Who is being served?

● Housing:

- Permanent residence: 66%
- Friends/family: 28%
- Temporary housing: 3%
- Shelter: 1%
- Homeless: 1%

● Employment:

- Not employed: 67%
- Part-time: 13%
- Full-time: 21%

● Education

- No HS degree: 21%
- HS degree/GED: 46%

● Income

- <\$15k: 61.4%

● Insurance

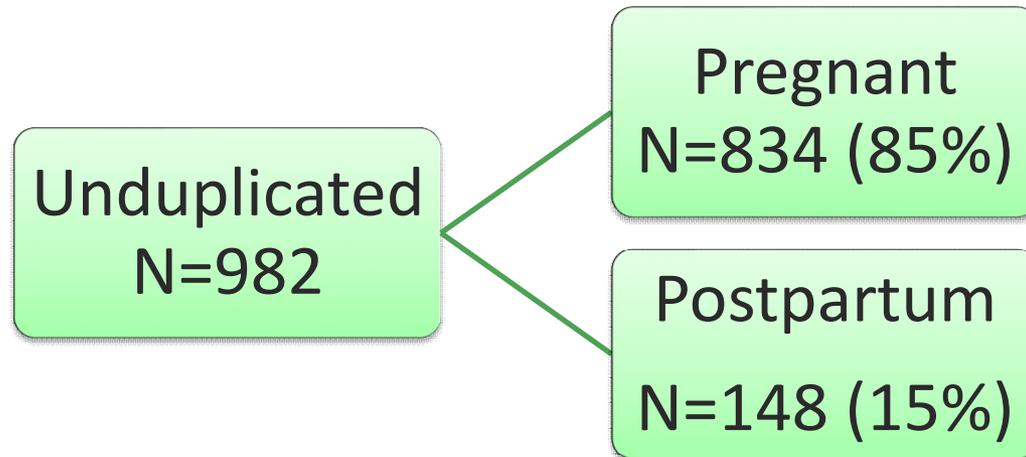
- Medicaid: 88.9%

● Intention to Breastfeed

- 50%



Who is being served?



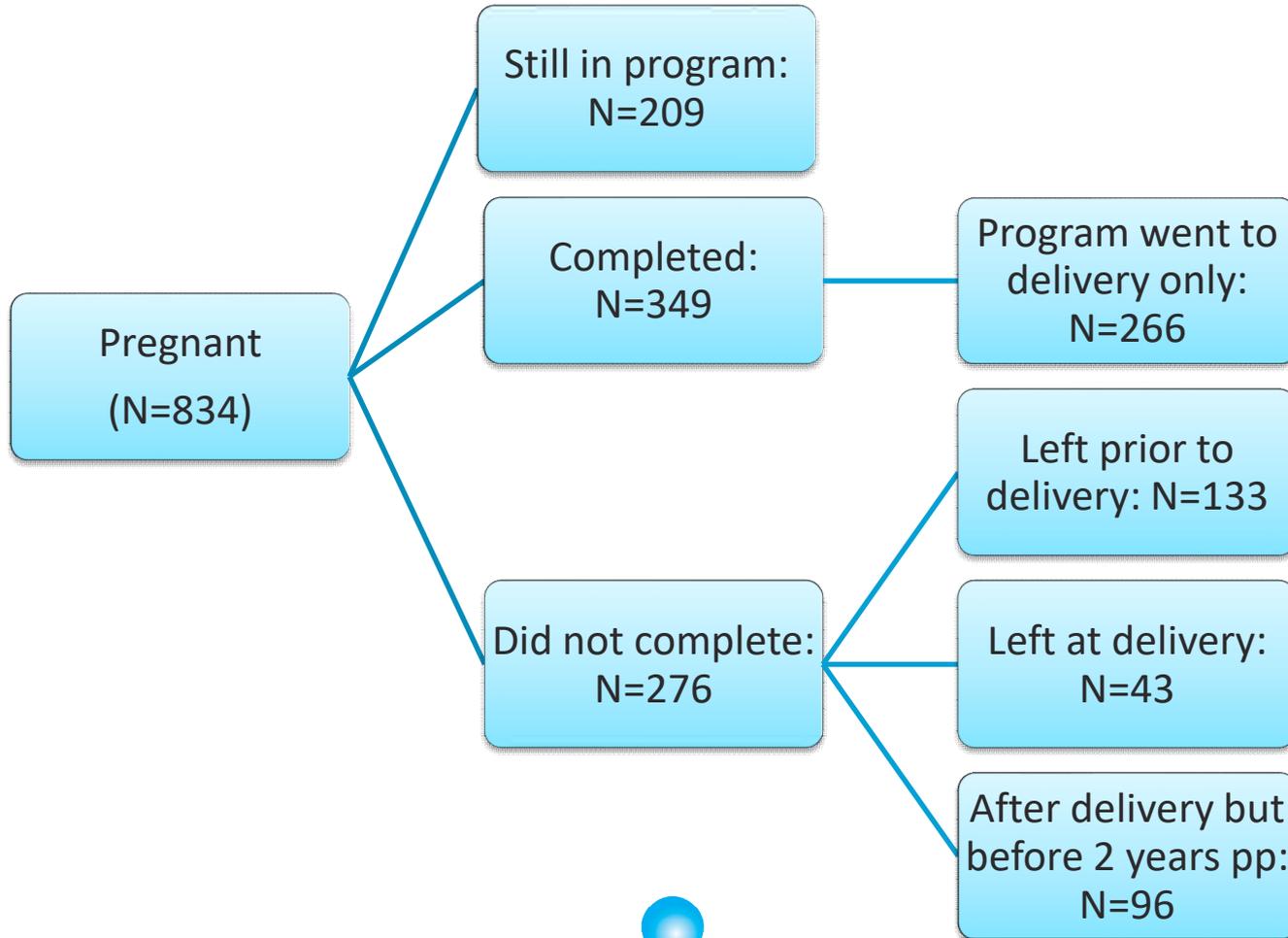
Substance Use During Pregnancy (Pregnant, N=834)

- Alcohol: 10%
- Tobacco: 76%
- Cannabis: 59%
- Stimulant: 24%
- Hallucinogens: <1%
- Opioids
 - Non-prescribed: 35%
 - MAT: 49%
 - Prescribed: 6%
- Depressants: 8%

Pilot data:
Opioids (non-prescribed)
65%

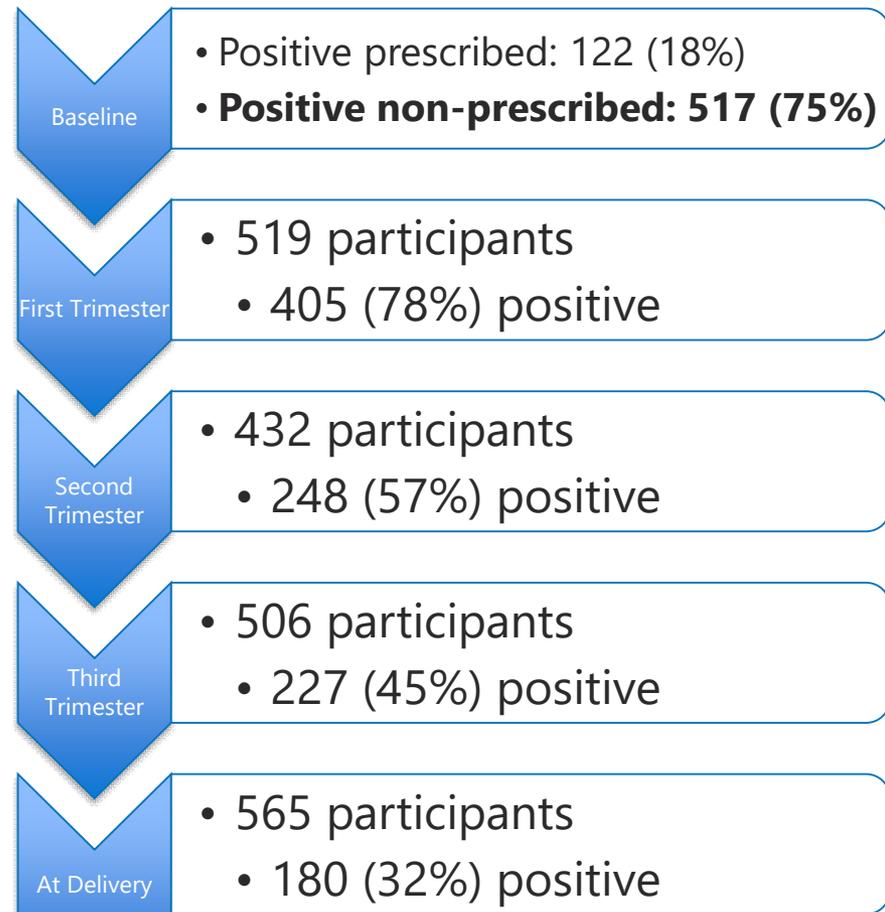


Outcomes



Outcomes

All unduplicated with
known baseline
(N=687)



Outcomes

- Birth outcomes
 - N=503 term births
 - N=86 preterm births
 - 11 sets of twins
- NAS
 - N=220, 43%
- Breastfed after birth
 - N=225, 43%
- Cord tissue (N=467)
 - Not positive (N=151, 32%)
 - Positive prescribed (N=147, 31%)
 - Positive non-prescribed (N=138, 30%)



Summary: Who is being reached?

- DFMB Programs are continuing to reach high-risk, medically-underserved women, including high percentages of:
 - Low education
 - Low income
 - Medicaid insurance
 - Unplanned pregnancies



Summary: Outcomes

- Positive urine drug screens decreased from 75% at baseline to 32% at delivery for non-prescribed substances
- Cord tissue testing results currently 70% for either no substances or prescribed only
- Other outcome results still forthcoming



Janine Breyel, Project Director

1018 Kanawha Boulevard East
Charleston, WV 25301

(304) 216-3437

jbreyel@hsc.wvu.edu

www.wvperinatal.org

Coordinated by the West Virginia Higher Education
Policy Commission, Division of Health Sciences

