# HOW DATA DRIVEN DECISION MAKING INFLUENCES INTERVENTIONS

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# AGENDA

- Infant Mortality Overview
- Pre to 3 Program Overview
- Data Collection
- Program Outcomes by Race
- Disparities in 47713 zip code
- Outreach
- Evansville Promise Neighborhood
- Data Use
- Future Plans

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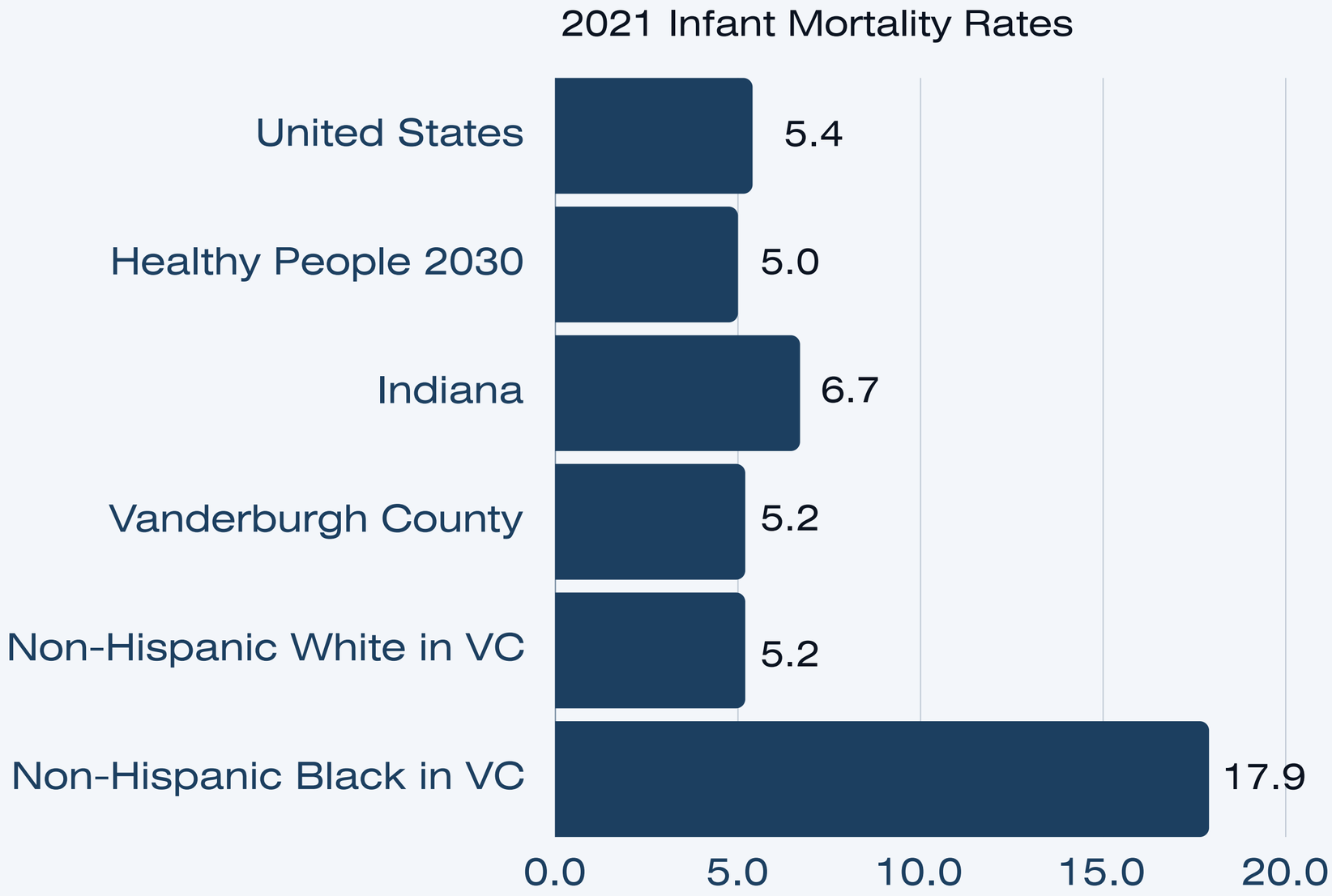
# Infant Mortality Overview



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# Pre to 3 Program Overview

- Home Visitation Program for pregnant individuals and infants under 90 days until the child turns 3 years of age
- Program is designed to reduce the IMR in our community by providing long-term, consistent, hands-on support for infants and families
- Team consists of certified community health workers (CHWs), registered nurses, and client advocates
- Participant data is collected on an online form building system

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# Where Our Date Comes From

INDIANA FIMR
HELPING HOOSIERS REACH THEIR 1ST BIRTHDAYS
FETAL-INFANT MORTALITY REVIEW

Cognito Forms

## FIMR

- Meet quarterly
- Over 40 community partners participate
- Review gaps in care/services
- Birth outcomes

## Cognito Form Builder

- Online form building system to collect programmatic data
- Approximately 70 forms, over 3000 data points
- Demographics, family/medical history, consents, screenings, referrals

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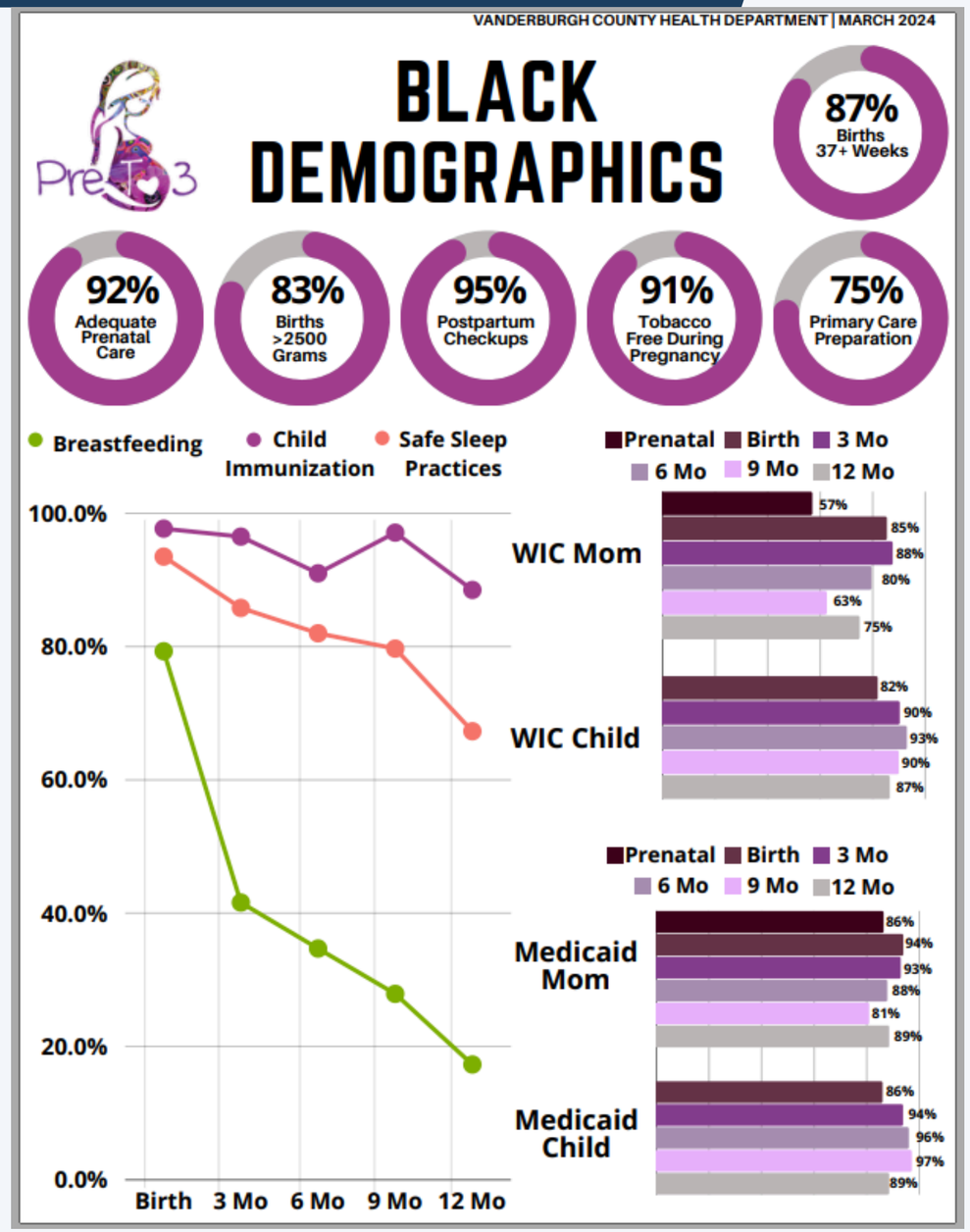


# Outcomes By Race

- Quarterly Report
- Community Partners
- Goal of 90%

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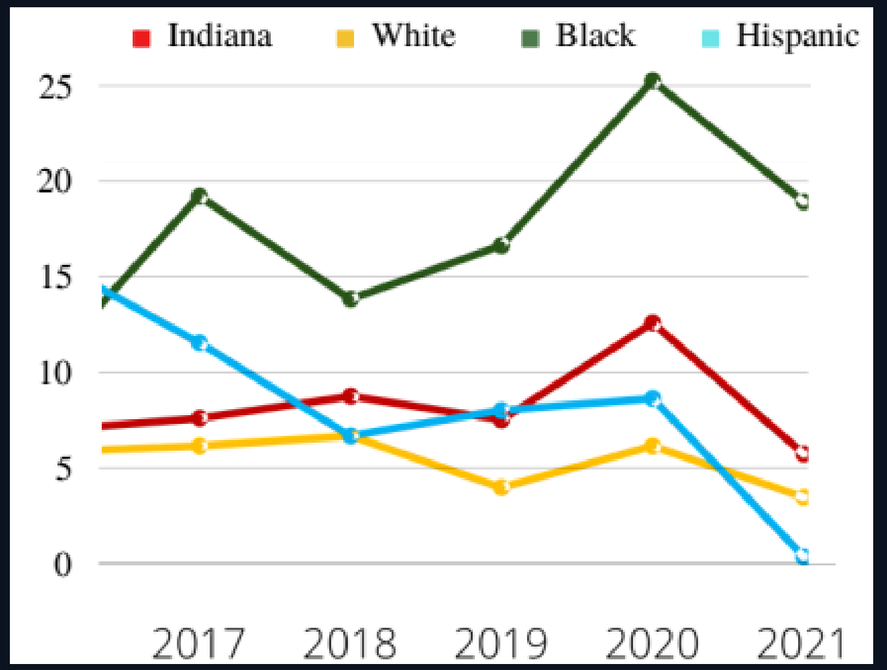
# Disparites in Zip Code 47713

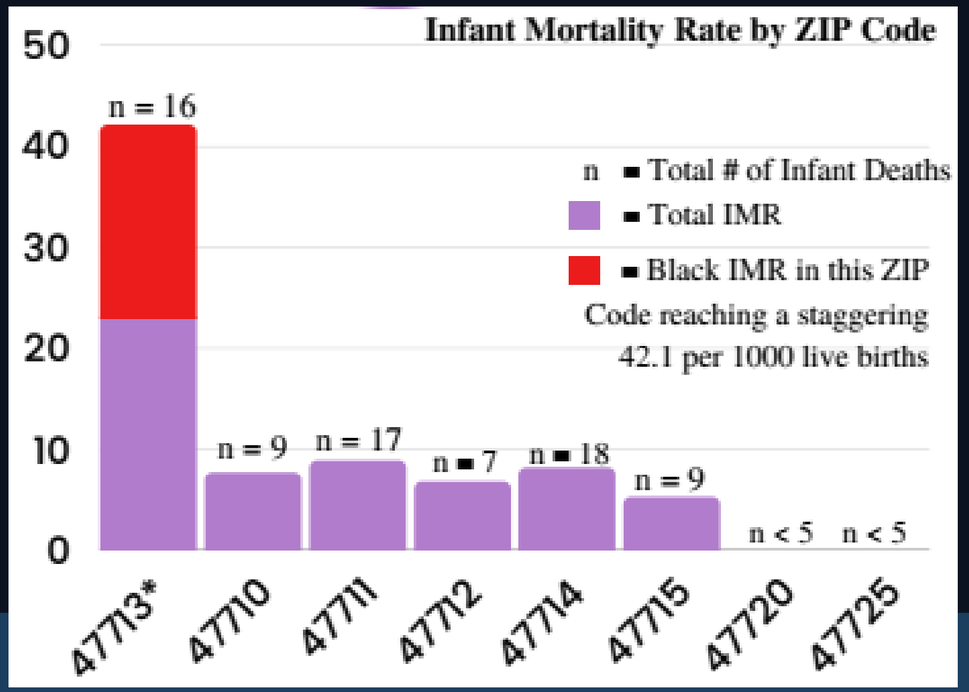
- Infant Mortality Rates
- 13 of the 16 infant deaths in this area have been black children
- How do we mitigate this?

**22.9** Infant Mortality Rate

**42.1** Black Infant Mortality Rate

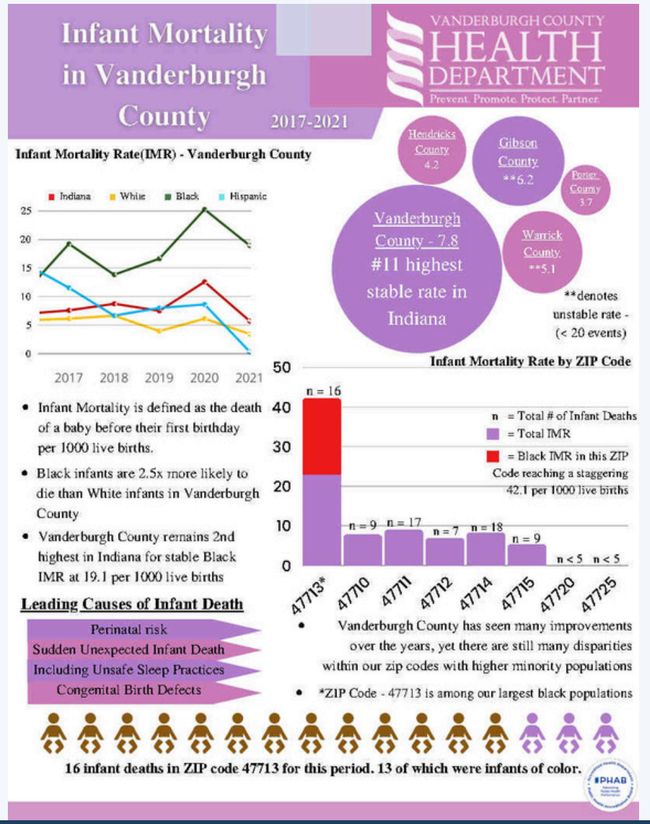



All data for Vanderburgh County 2017 - 2021



# Outreach

- Informing our community
- Increased active clients in 47713 by 22% in quarter 1

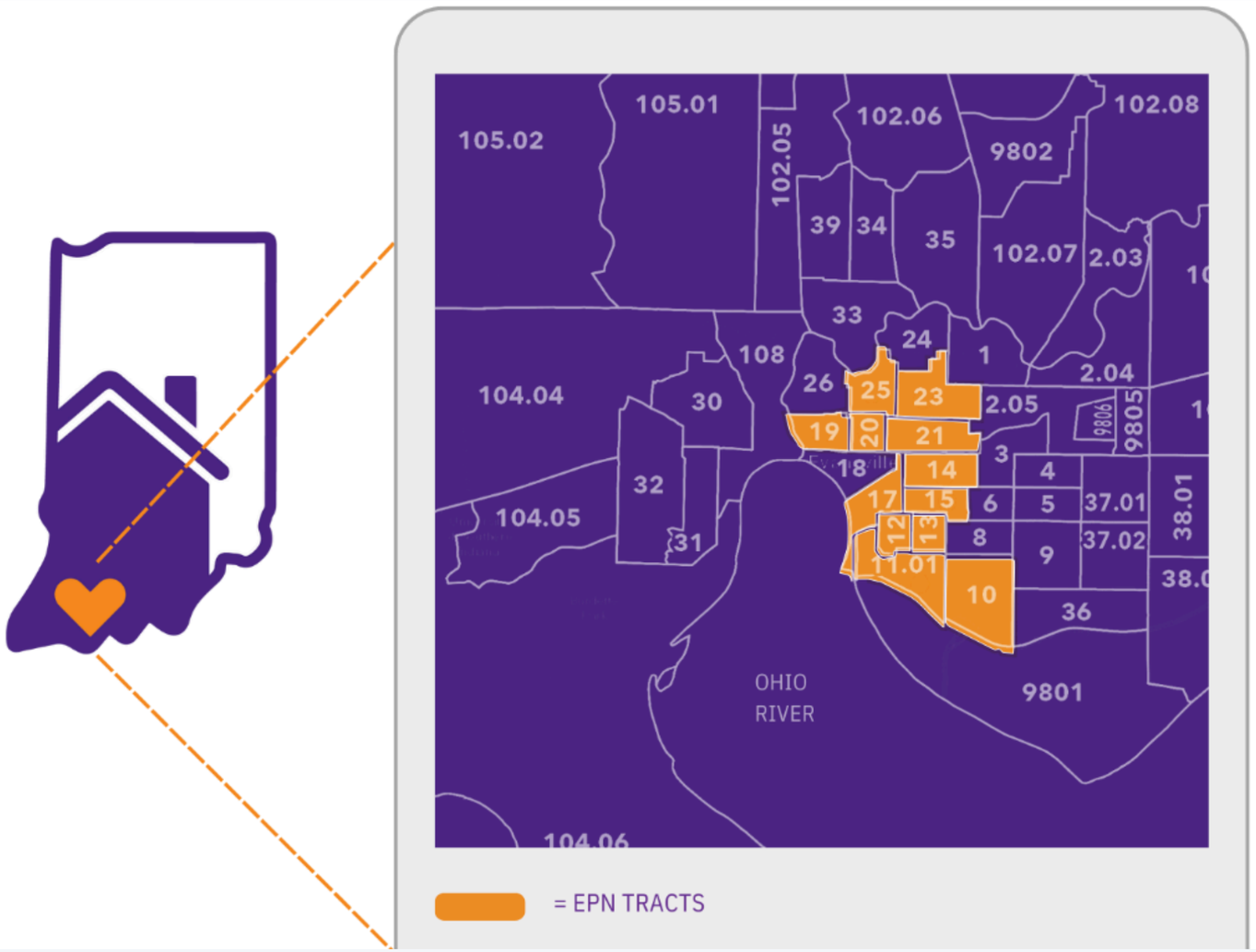



## List of Places

- Culver Early Learning Center
- Glen wood Academy
- Bosse High School
- Joshua Academy Preschool
- Kindergate
- Potters Wheel
- Evansville Christian Life Center Clinic
- House of Bread and Peace
- Conoco Gas Station (Riverside Dr)
- Dollar Tree (501 Lincoln Ave)
- Simpson's Supermarket
- First United Methodist Church
- Family Matters
- Community Action Program
- Attempted Willow Tree
- Cape Early Head Start
- Cape Head Start
- Ark Crisis Center
- Carver Daycare
- The Boys and Girls Club
- Evansville Christian Life Center
- Evansville Public Library
- R&K Food and Gas (Riverside Dr
- Circle K (Washington & 41)
- EHA/Advantix Apartments
- Dollar General (720 Lincoln Ave)
- Family Dollar (1617 Lodge Ave)
- Alexandrian Public Library
- United Way
- MD Wise Baby Shower
- Wesselman Woods Haitian-Creole Day
- Posey County Thrift Shop
- Good Samaritan Hospital
- Health Department
- Purdue Extension
- Addiction Solutions
- The Well
- True Hope
- FSSA
- CAPE
- Black Barbershop & Health
- Inner City Basketball League
- Wellness Fair @ CK Newsome
- Mesker Park Zoo Earth Day
- Bureau of Disability services
- Haitian Flag Day
- Summer Giving Day @ Culver
- United Methodist Youth Home

# Evansville Promise Neighborhoods

- University of Evansville partnered with 23 organizations including VCHD
- Census Tract Codes
- The vision of the program is that all children and youth growing up in Promise Neighborhoods have access to quality schools and strong systems of family and community support that will prepare them to attain an excellent education and successfully transition to college and a career.




**Evansville Promise Neighborhood Webpage**

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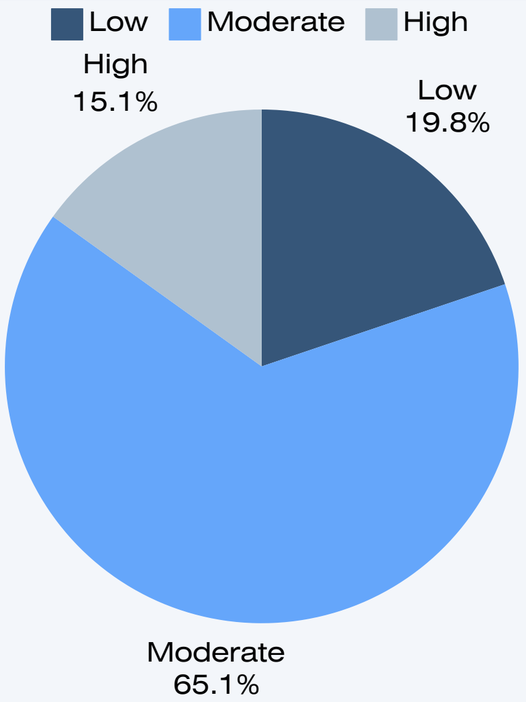
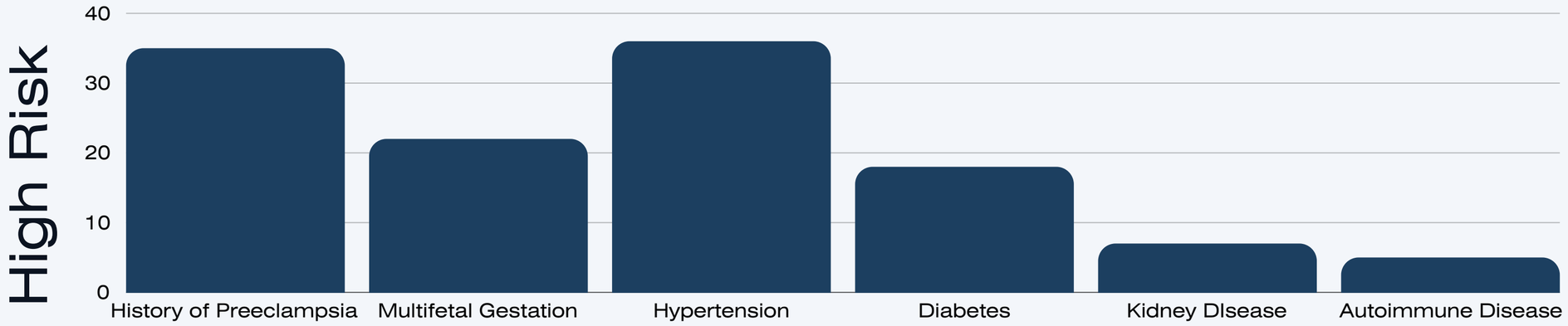
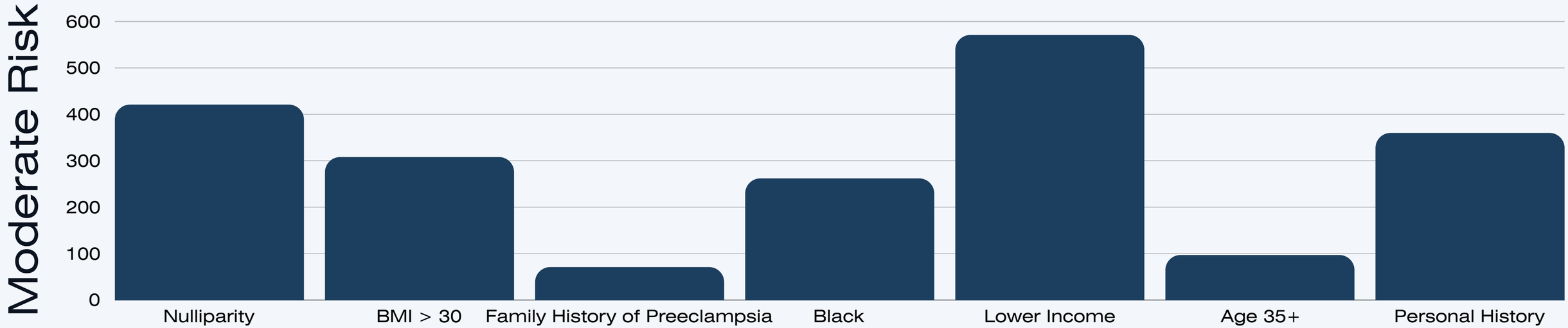
# Data Use

## Evaluation of Preeclampsia Risk




- Preeclampsia evaluation based on 2021 ACOG guidelines
- Implementation in partnership with Deaconess Family Medicine Residency



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# Future Plans

- Pre to 3 public facing Dashboard on VCHD website
- Fatality Dashboard for Vanderburgh County
- One-pagers by zip code
- Local birthing hospitals to share their preeclampsia outcomes with the Community Action Team (CAT) as a community collaborative effort
- Publication of program to show how our work is having an impact on the community and birth outcomes

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