



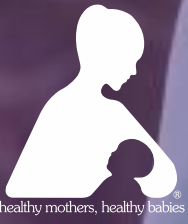
2019 Annual Meeting & Conference

.....
OCTOBER 28-29, 2019
.....

Healthy Mothers, Healthy Babies Coalition of Georgia (HMHBGA) is a non-partisan 501(c)3 and does not support or oppose any candidate for federal, state or local elected office.

This presentation is the intellectual property of the Healthy Mothers, Healthy Babies Coalition of Georgia, 2019.

Healthy Mothers, Healthy Babies. In That Order.
Centering Mother's Voices in Maternal Care.



HEALTHY MOTHERS,
HEALTHY BABIES

Coalition of Georgia

#HMHGBGA2019

GEORGIA

STATE OF THE STATE REPORT

2019



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

OUR MISSION

To improve maternal and infant health in Georgia through advocacy, education, and access to vital resources.



Improving maternal and infant health in Georgia since 1974

RESOURCE ACCESS

HMHB operates the Georgia Family Healthline, Children 1st, Help Me Grow Georgia, and the Prevent Child Abuse Georgia Helpline to provide callers with appropriate referrals and resources across the State.

ADVOCACY

HMHB engages with legislators as well as medical, business and community partners to encourage sound policies that promote access to healthcare for women and children in Georgia.

EDUCATION

HMHB provides prenatal and breastfeeding education across the State by collaborating with community-based partners and providers.



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

Introduction & Methods



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

- Summary of known data and evidence regarding maternal and infant health indicators in the state of Georgia
- Collected and analyzed data from various sources (167)
 - DPH OASIS Database
 - Pregnancy Risk Assessment Monitoring System (PRAMS)
 - CDC
 - Content experts
- Recommendations to improve and address negative health outcomes

Clarifying Points



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

- Data represents the year 2017
- Georgia state rate: **orange line**
- Rural: less than 35,000 total population
- Racial categories are non-Hispanic
- Other race:
 - American Indian or Alaska Native
 - Native Hawaiian or Other Pacific Islander
 - Multiracial
 - Unknown race



Fetal & Infant Health

Live Births

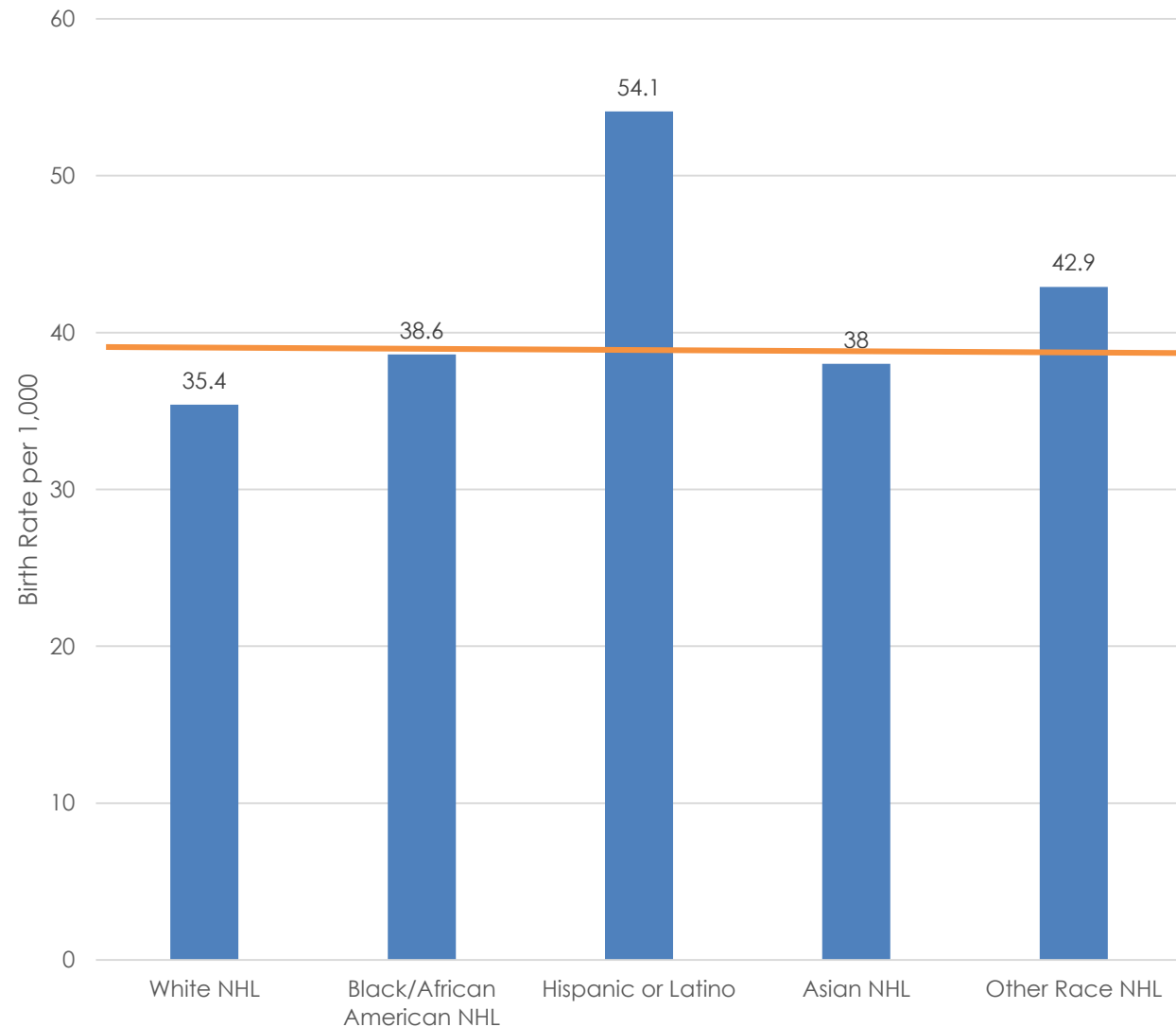


HEALTHY MOTHERS,
HEALTHY BABIES

Coalition of Georgia

- Rate of 39.0 per 1,000
- Geography
 - Rural: 39.5
 - Non-rural: 39
- 99.1% hospital deliveries
- 54.8% births unintended (51% nationally)

Birth Rates in GA by Race/Ethnicity, 2017

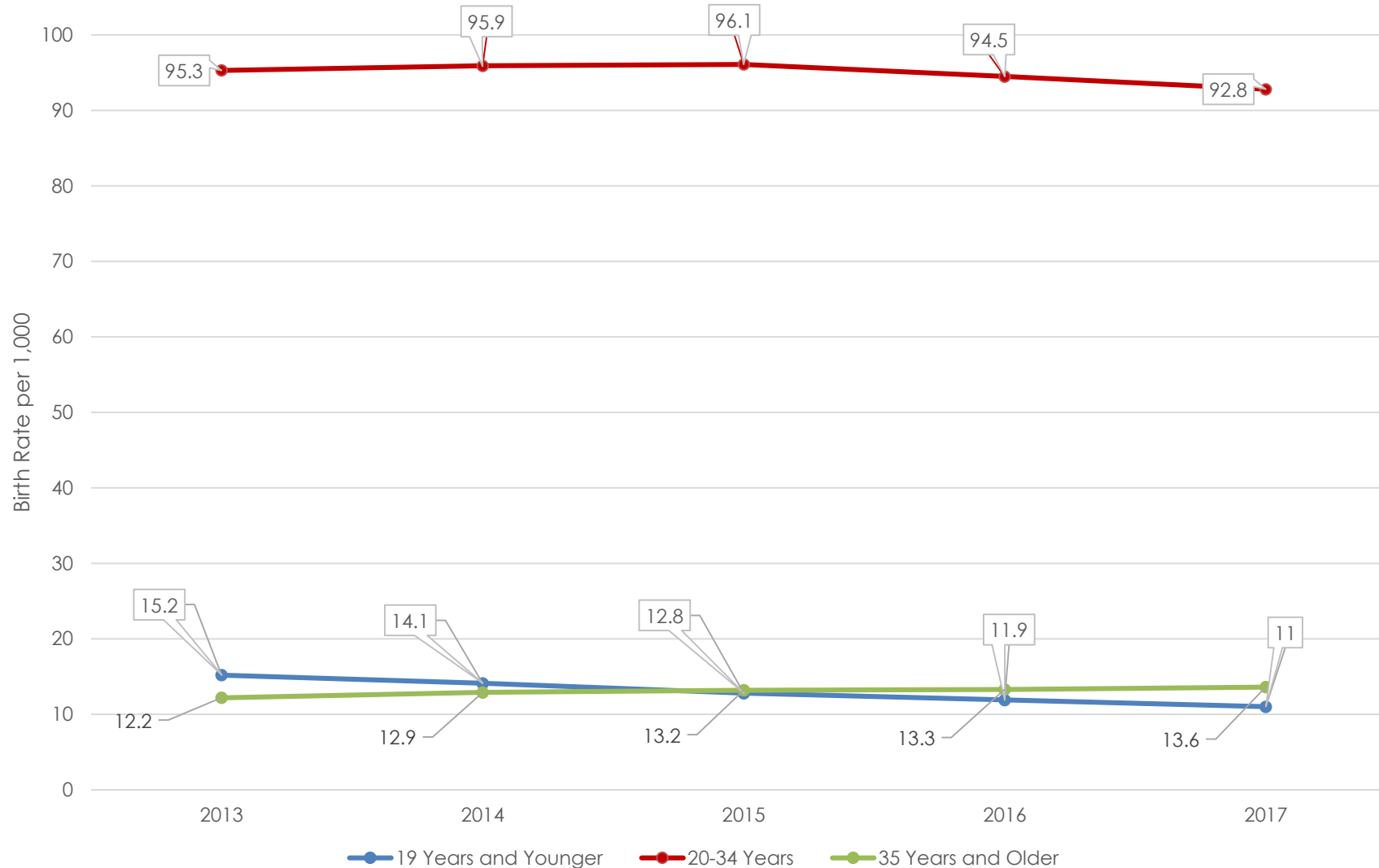


Birth Rate Trend by Age



**HEALTHY MOTHERS,
HEALTHY BABIES**
Coalition of Georgia

Birth Rate Trend by Maternal Age, 2013-2017



- ≤ 19 years: decrease
- 20-34: fluctuates
- ≥ 35 years: increase

Premature Births



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

Premature Birth Rate in GA, 2013-2017



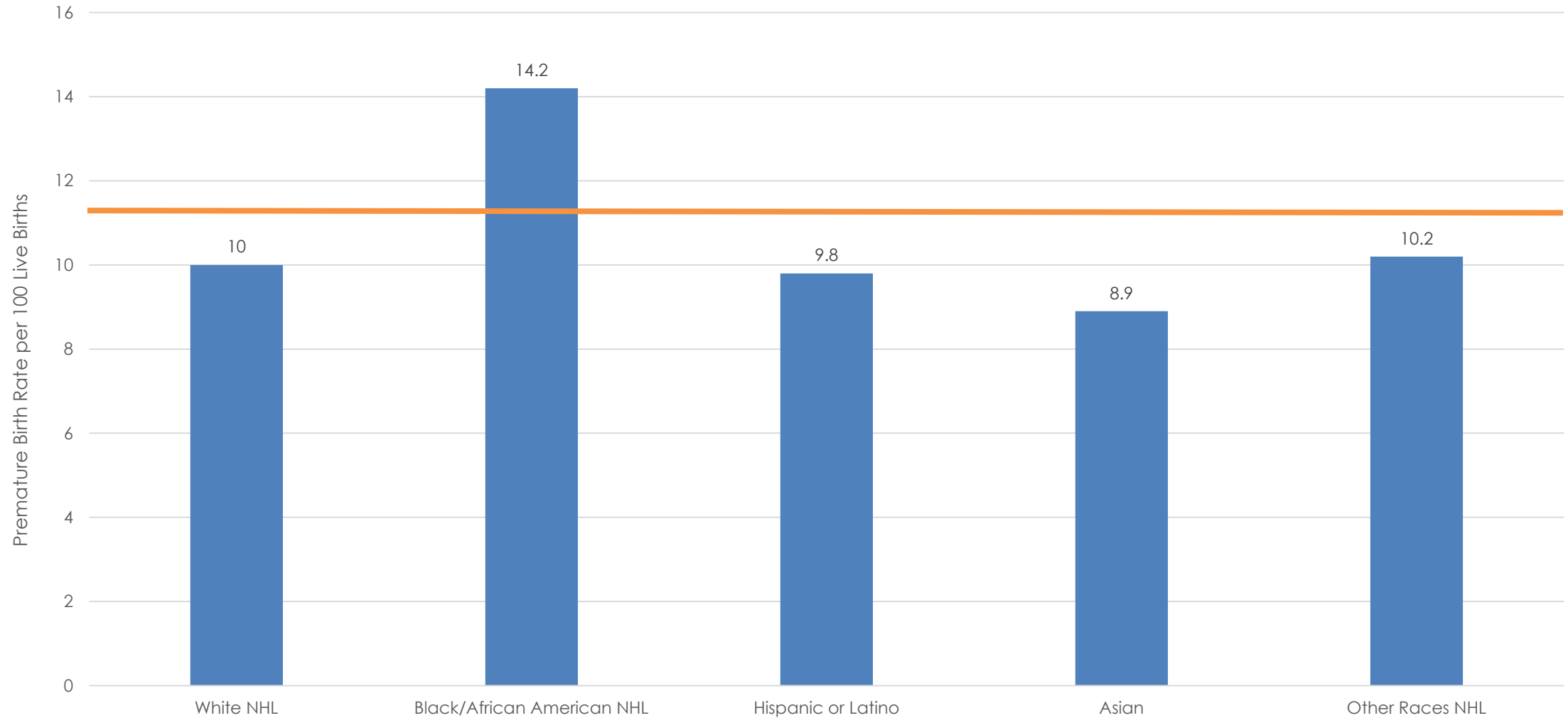
Prematurity by Race/Ethnicity



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

Premature Birth Rate by Race/Ethnicity, 2017



Prematurity by Geography

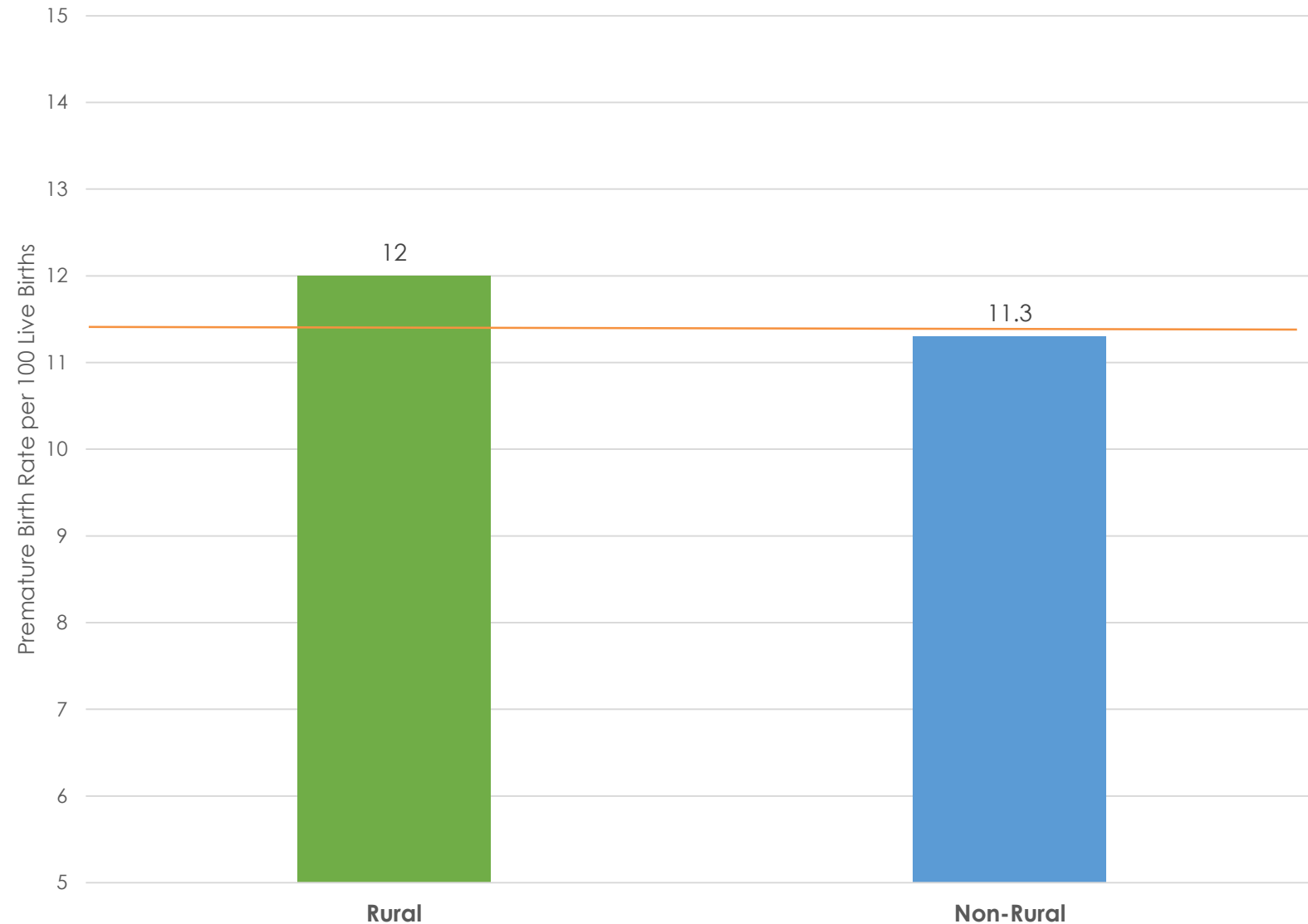


**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

- Top Counties (2013-2017)
 - Taliaferro: 17.1%
 - Calhoun: 16.9%
 - Clinch: 15.6%

Premature Birth Rate by Residence, 2017



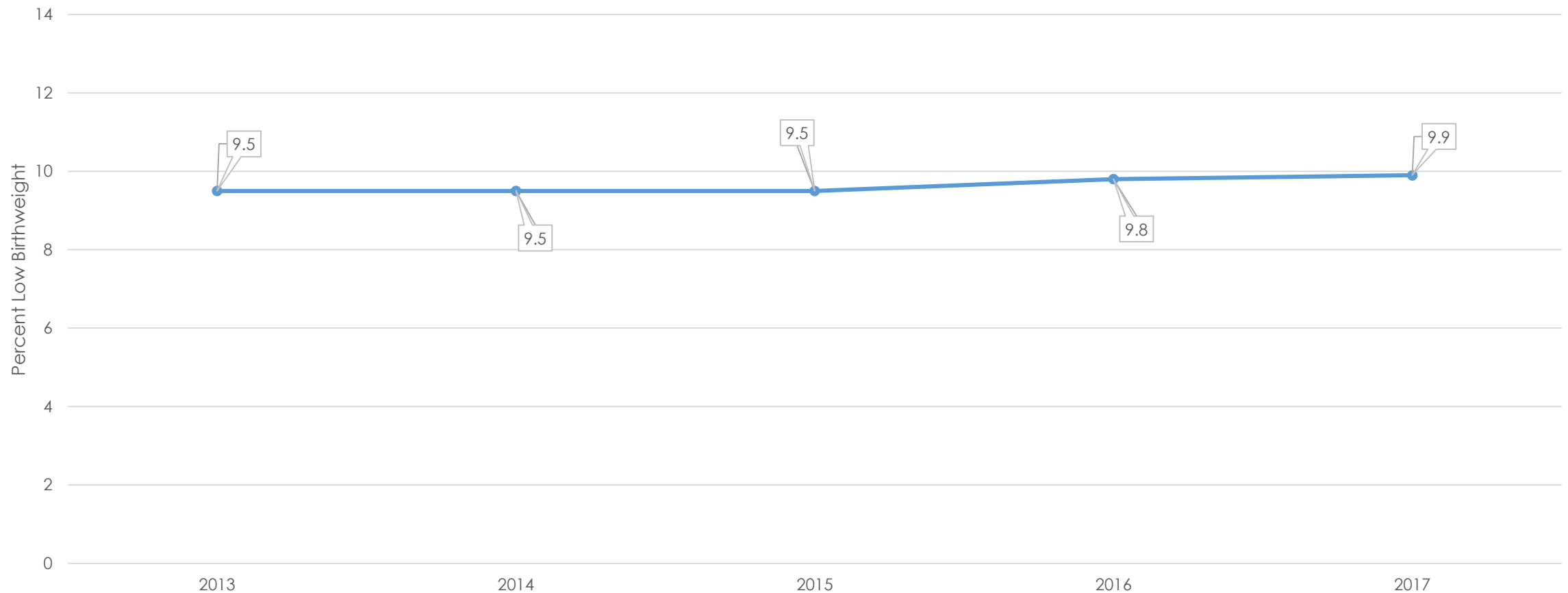
Low Birthweight Babies



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

Percent Low Birthweight in GA, 2013-2017



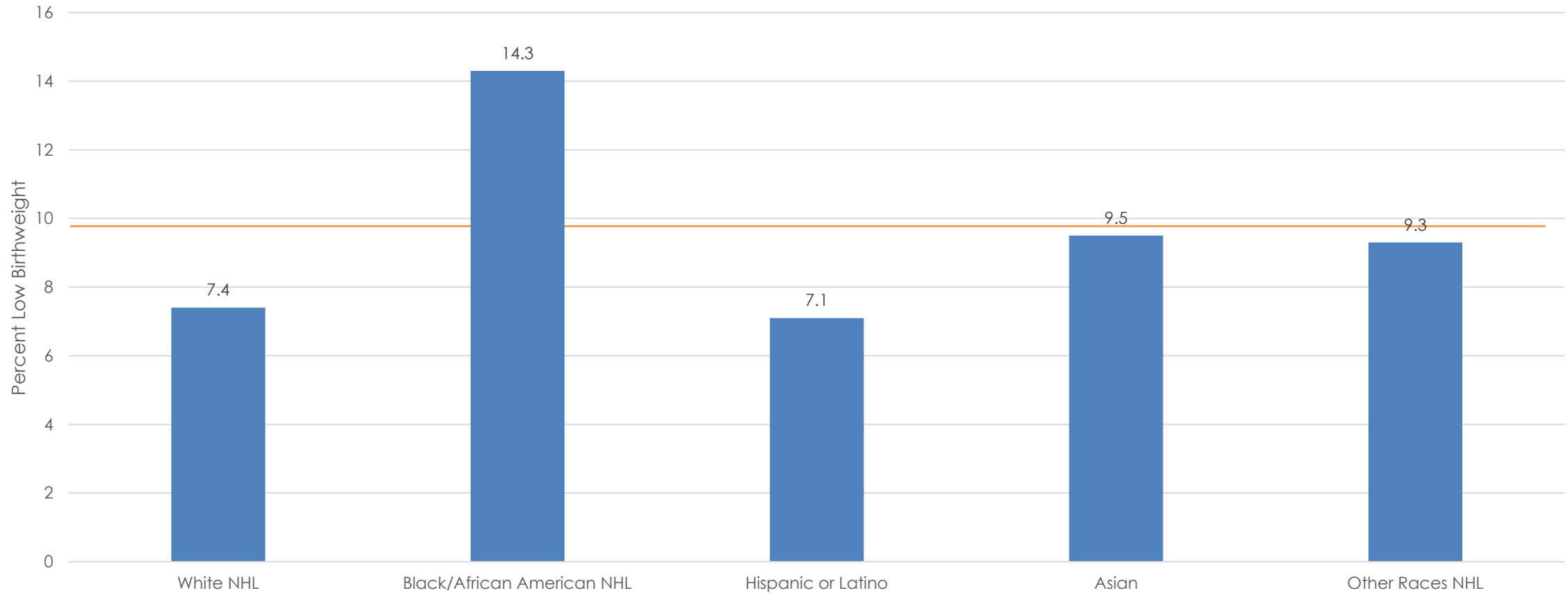
Low Birthweight by Race/Ethnicity



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

Percent Low Birthweight in GA by Race/Ethnicity, 2017



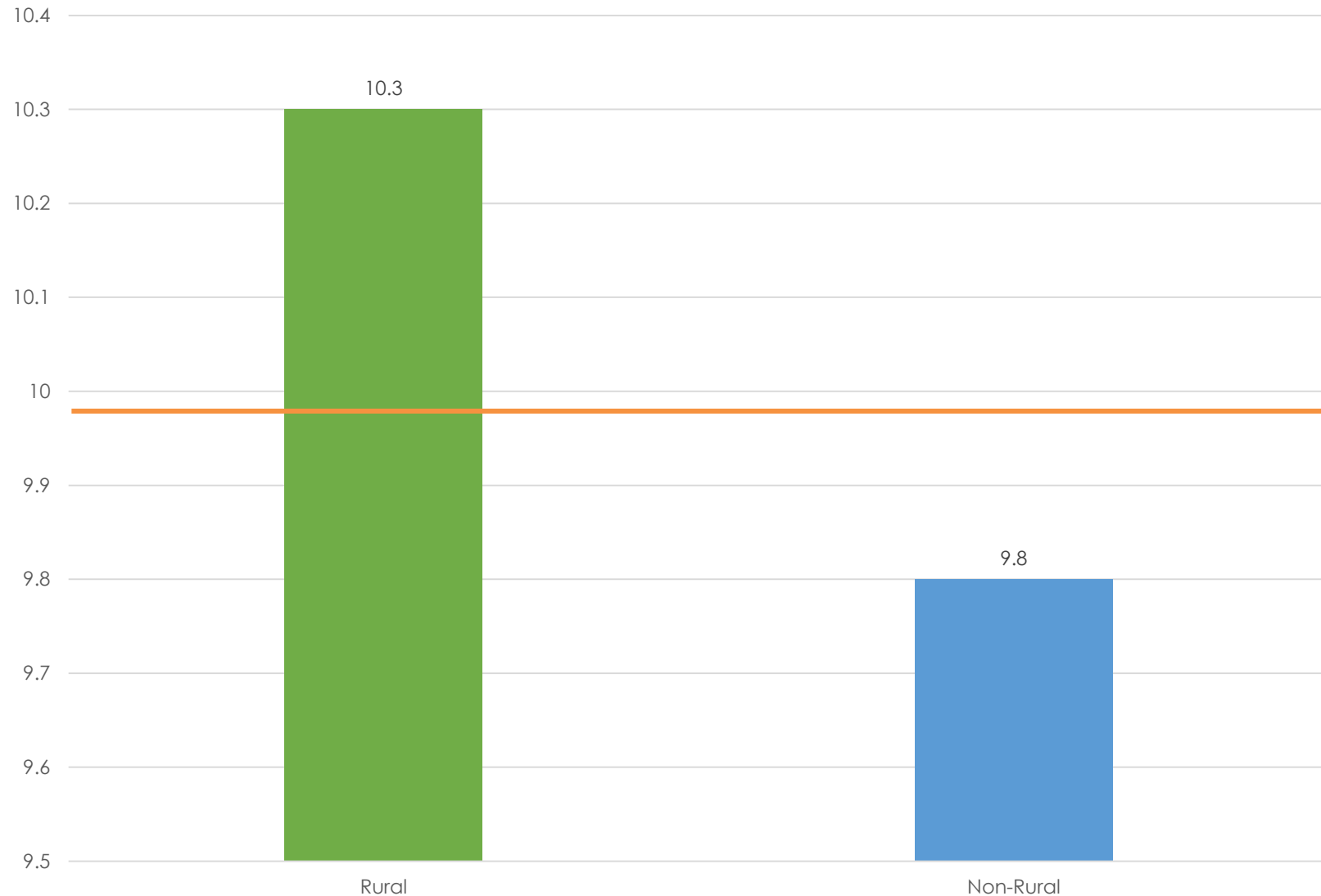
Low Birthweight by Residence



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

Percent Low Birthweight in GA by Residence, 2017



- Top Counties (2013-2017)
 - Taliaferro: 17.1%
 - Hancock: 15%
 - Macon: 14.9%

Fetal Mortality

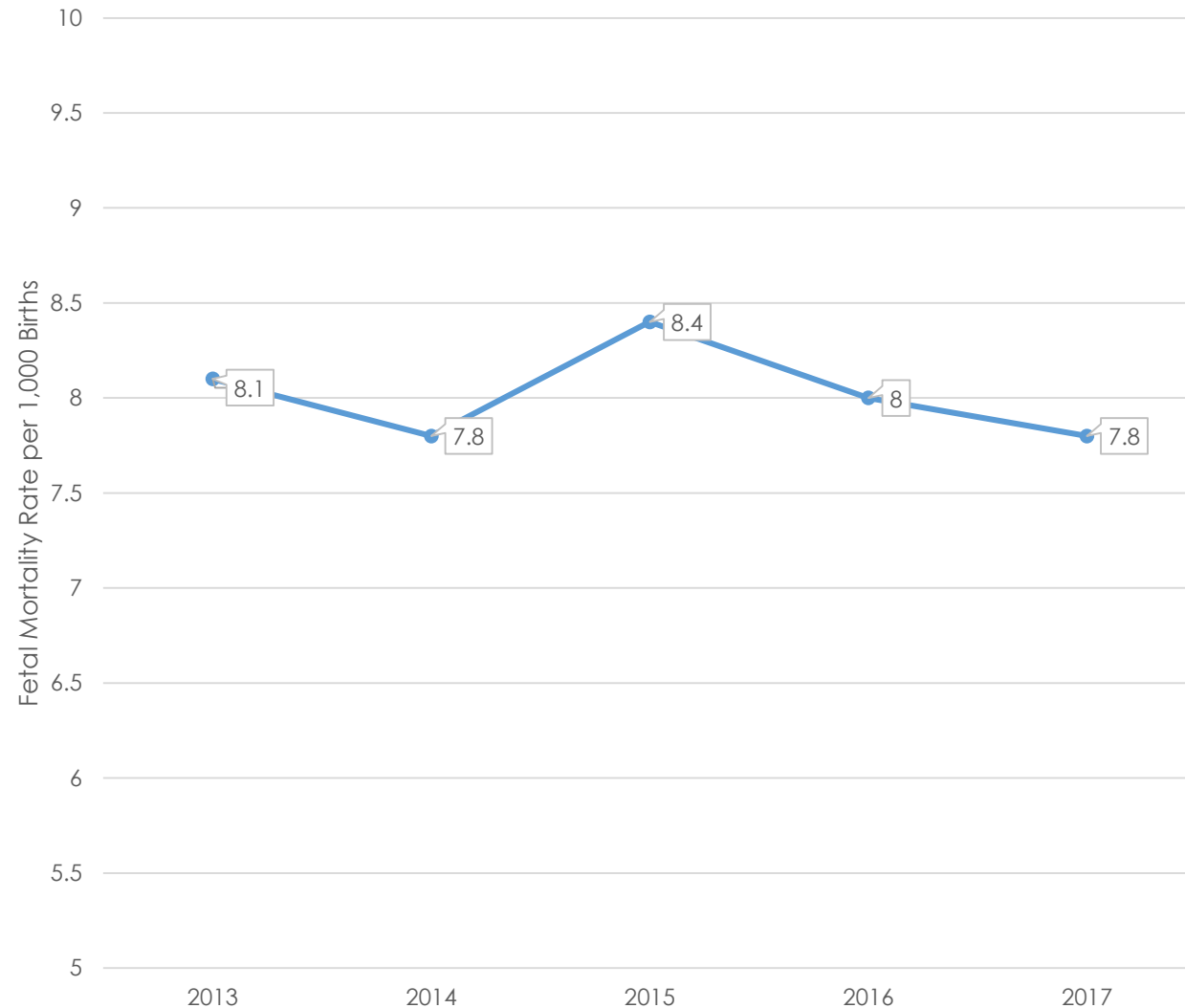


HEALTHY MOTHERS,
HEALTHY BABIES

Coalition of Georgia

- Rate of 7.8 per 1,000
- Potential for underreporting
- Highest among:
 - Race/Ethnicity: Black/African American (11.5)
 - Geography: Rural counties (8.7)
 - Maternal age: ≥ 45 years (19.4)
- Inverse association with number of full-term live births

Fetal Mortality Rate in GA, 2013-2017



Infant Mortality

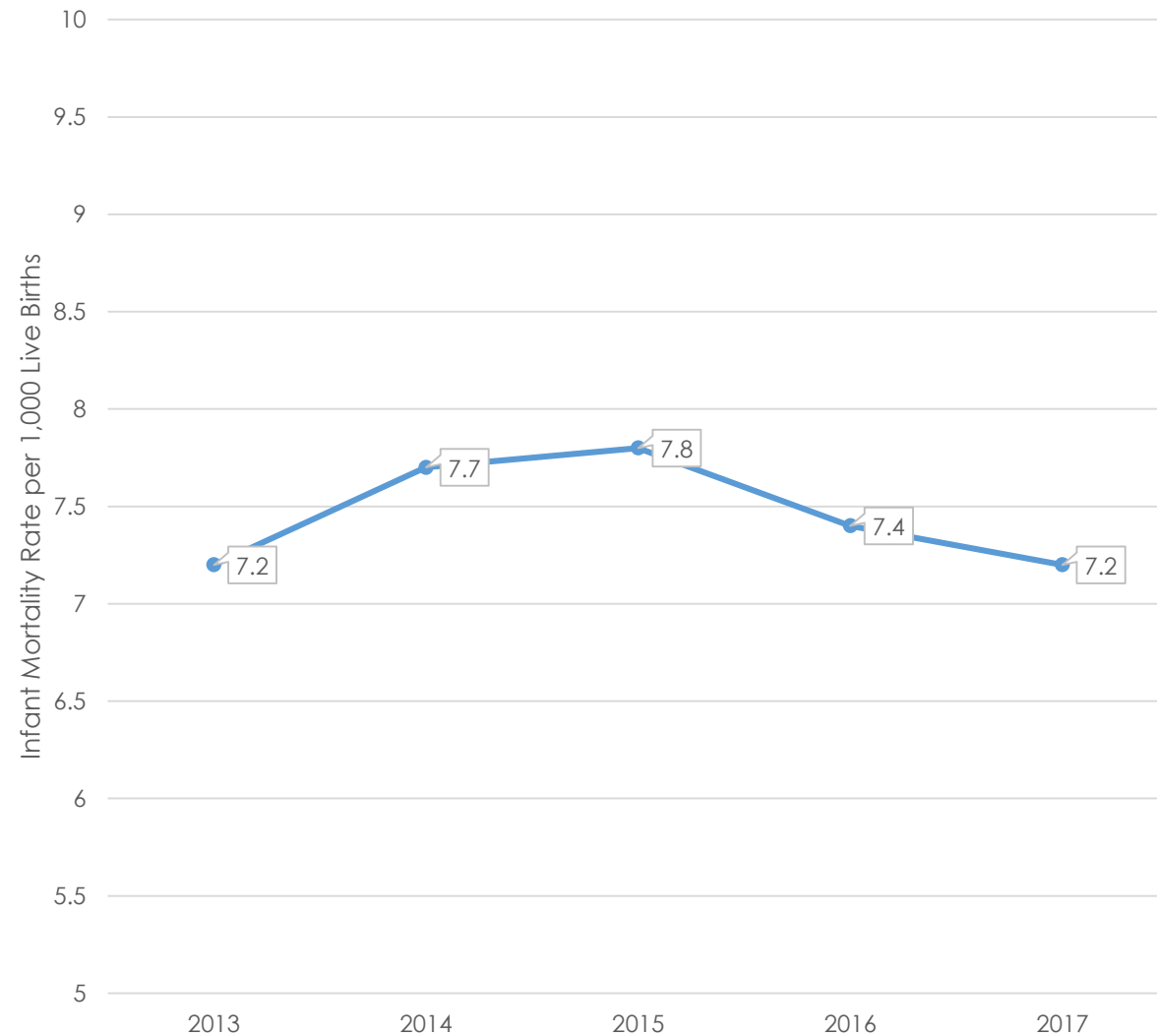


**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

- Rate of 7.2 per 1,000
- Marginal increase in sleep-related deaths
 - Suffocation rates doubled
 - Account for 3 deaths per week

Infant Mortality Rate in GA, 2013-2017



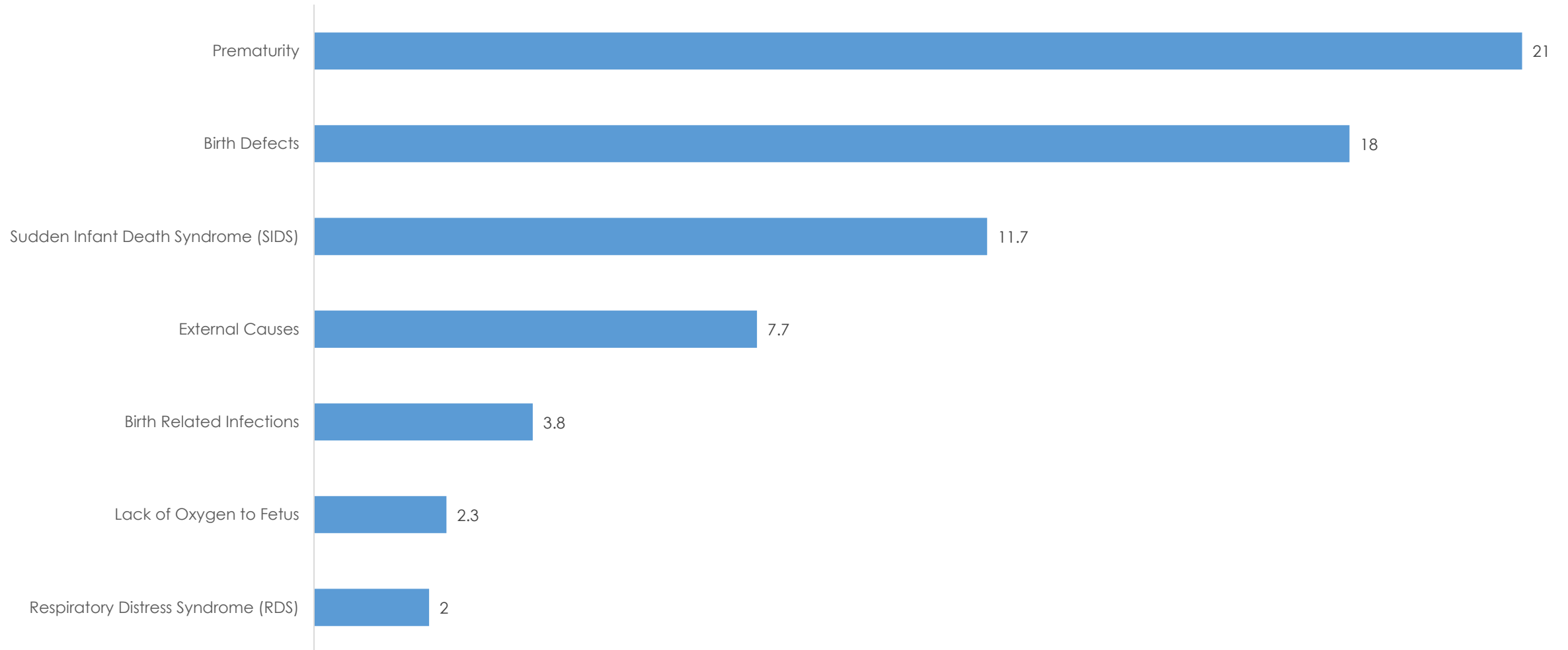
Infant Mortality by Cause



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

Percent of Infant Mortality in GA by Cause, 2017

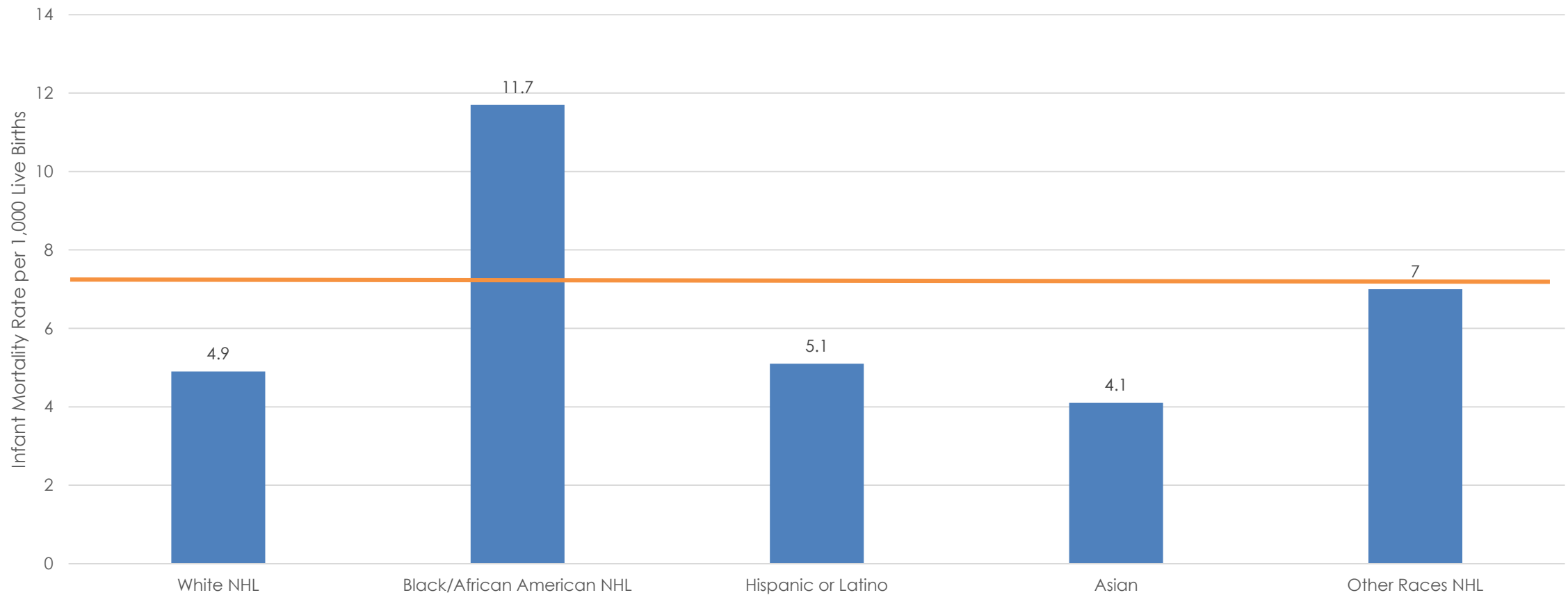


Infant Mortality by Race/Ethnicity



**HEALTHY MOTHERS,
HEALTHY BABIES**
Coalition of Georgia

Infant Mortality Rate in GA by Race/Ethnicity, 2017



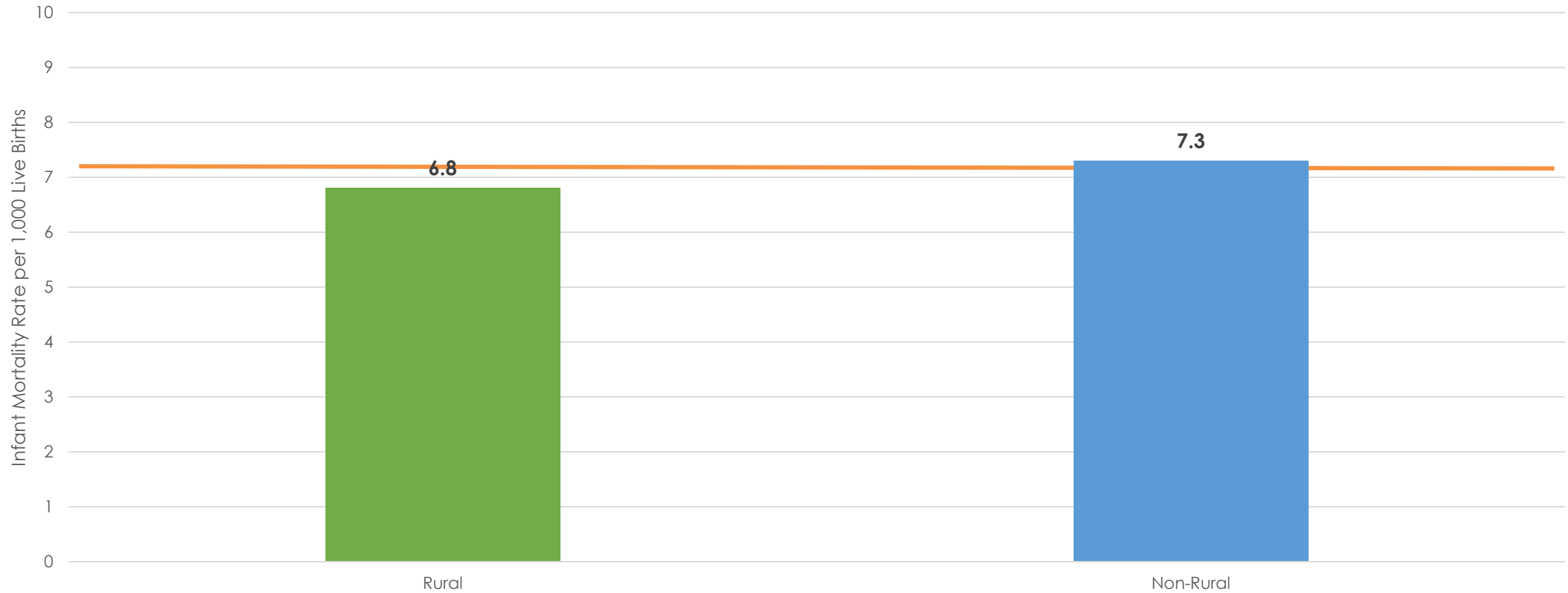
Infant Mortality by Geography



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

Infant Mortality Rate in GA by Residence, 2017



Recommendations



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

1. Risk screening and treatment
2. Adoption of rooming-in and familial bonding practices
3. Promotion of safe sleep programs
 - Cribs for Kids
 - DPH Safe to Sleep
 - Direct On-Site Education (DOSE)
 - ABC Model



Maternal Health



Chronic Disease

- Hypertensive disorders:
11.7%
 - Black women: 17.9%
 - Multiracial women: 20.5%
- Gestational diabetes:
8.7%

STI/STD & HIV

- Congenital syphilis: 16 per 100,000
- HIV:
 - 122 Georgians with perinatal transmission (2016)
 - Pre-conception testing: 51.2%
 - High receipt of prenatal care
 - Racial disparities
 - 85% Black
 - 7% White
 - 6% Hispanic/Latina

Maternal Substance Use

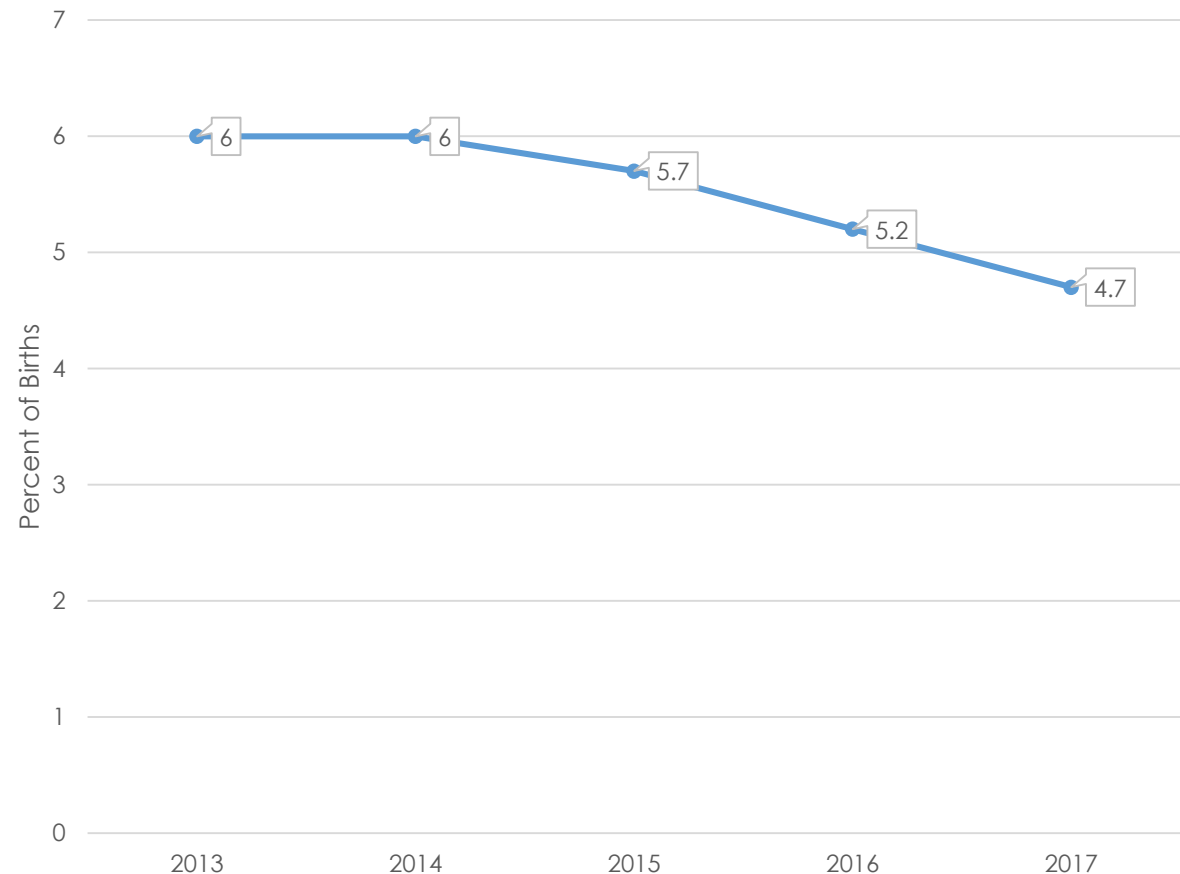


HEALTHY MOTHERS,
HEALTHY BABIES

Coalition of Georgia

- Sparse data on alcohol use
 - 9.4% during third trimester
 - Positive association with maternal age
- Tobacco use highest amongst
 - Teen mothers
 - Mothers with less than high school diploma

Births to Women Reporting Tobacco Use during Pregnancy in GA, 2013-2017



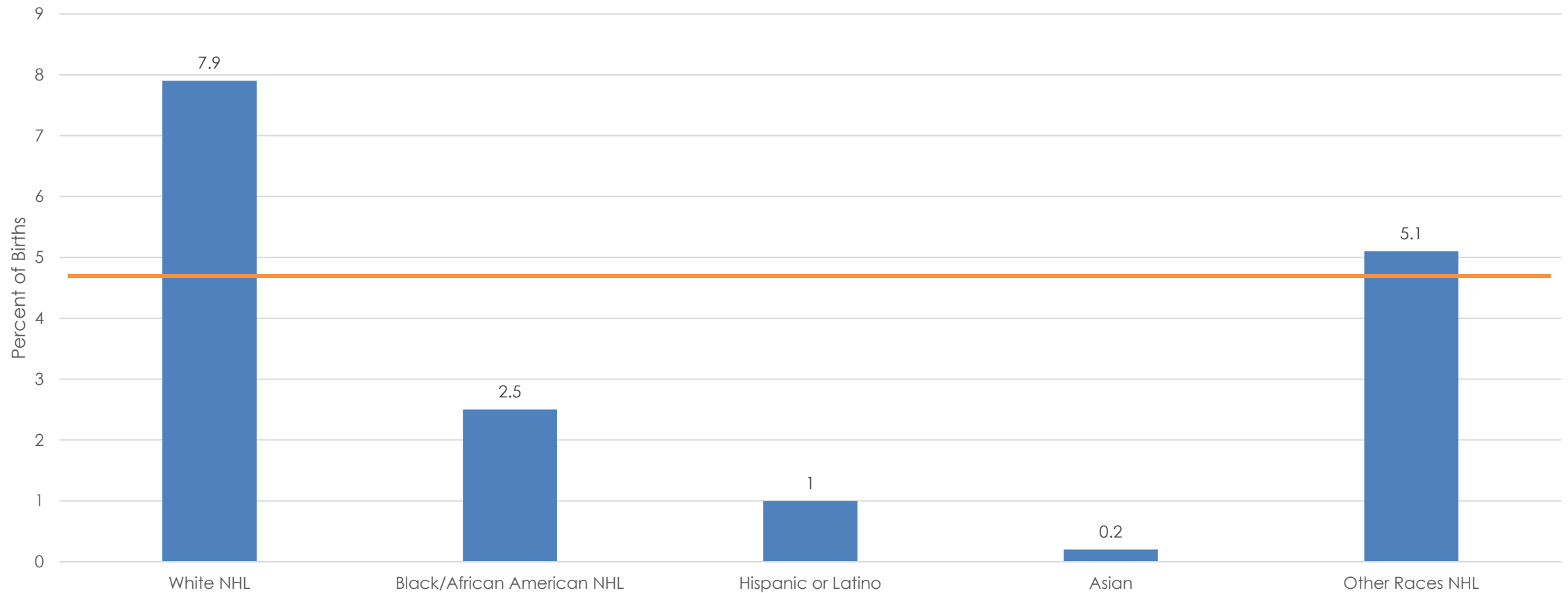
Maternal Tobacco Use by Race/Ethnicity



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

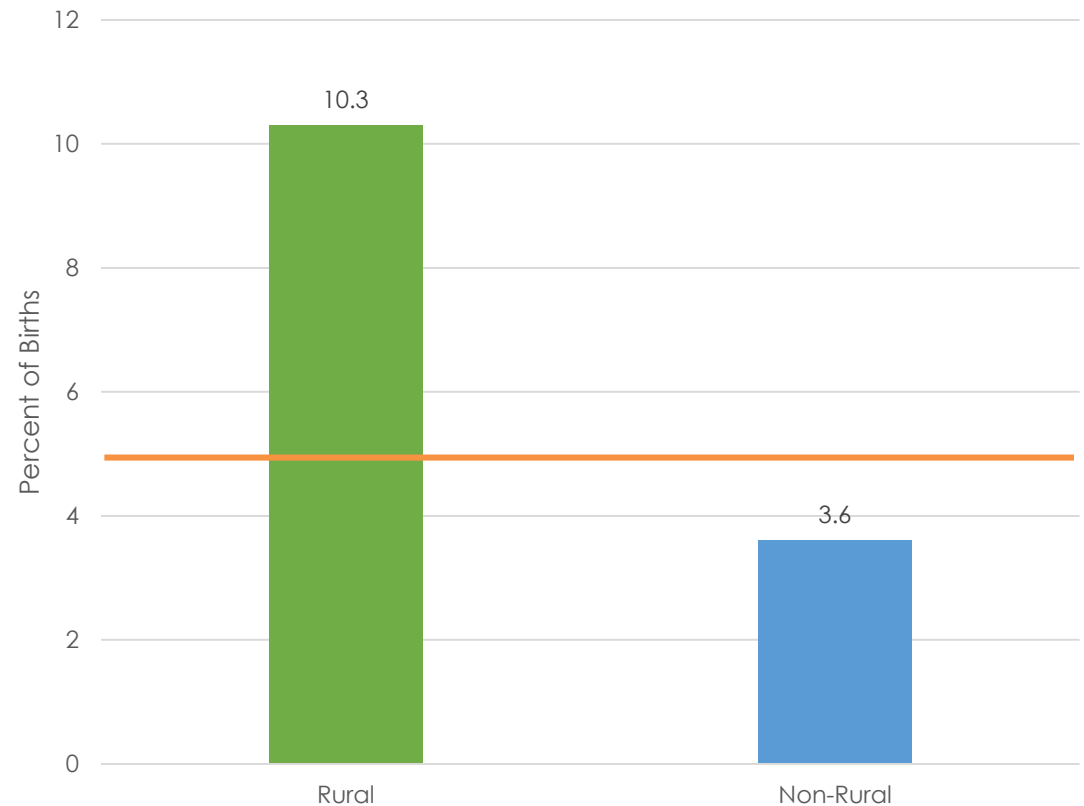
Births to Women Reporting Tobacco Use during Pregnancy by Race/Ethnicity, 2017





- Top Counties (2013-2017)
 - Walker: 22.8%
 - Chattooga: 22.7%
 - Stephens: 20.4%
 - Dade: 20.1%

**Births to Women Reporting Tobacco Use during
Pregnancy by Residence, 2017**



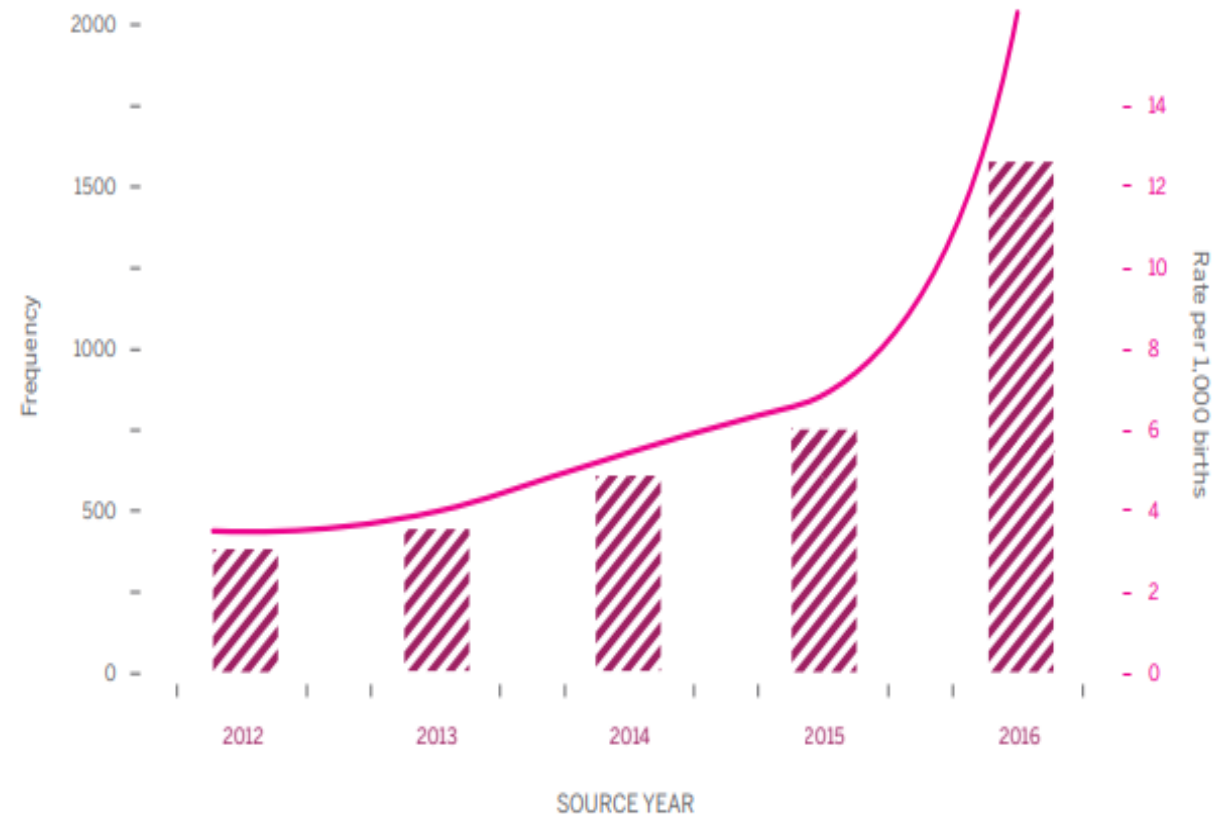
Neonatal Abstinence Syndrome



HEALTHY MOTHERS,
HEALTHY BABIES

Coalition of Georgia

- 2014: overdose surpassed motor vehicle crashes as leading COD
- 6.1 per 1,000 births (2015)
- Rural southeast and northeast regions



LEGEND

 RATE OF NAS CASE

 FREQUENCY OF NAS CASES



- Limited Georgia specific data
- Maternal depression: 8.4%
- 2013: 6% maternal deaths attributable to suicide

Prevalence of feeling “down, depressed, or hopeless”, 2017	
Frequency	%
Always	0.27%
Often	4.3%
Sometimes	14.5%
Rarely	32.1%
Never	48.9%

PRAMS 2017, Georgia

Maternal Mortality



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

- Timing:
 - Delivery to 42 days
 - 42 days, less than a year
 - Up to a year
- By Cause
 - Pregnancy-related
 - Pregnancy-associated
- Georgia Maternal Mortality Review Committee (MMRC)
- 26 per 100,000 (2012-2014)
- 85 deaths in 2014
 - 58% preventable
 - 40% mothers aged 30-34 years
 - 74% within 42 days

Maternal Mortality

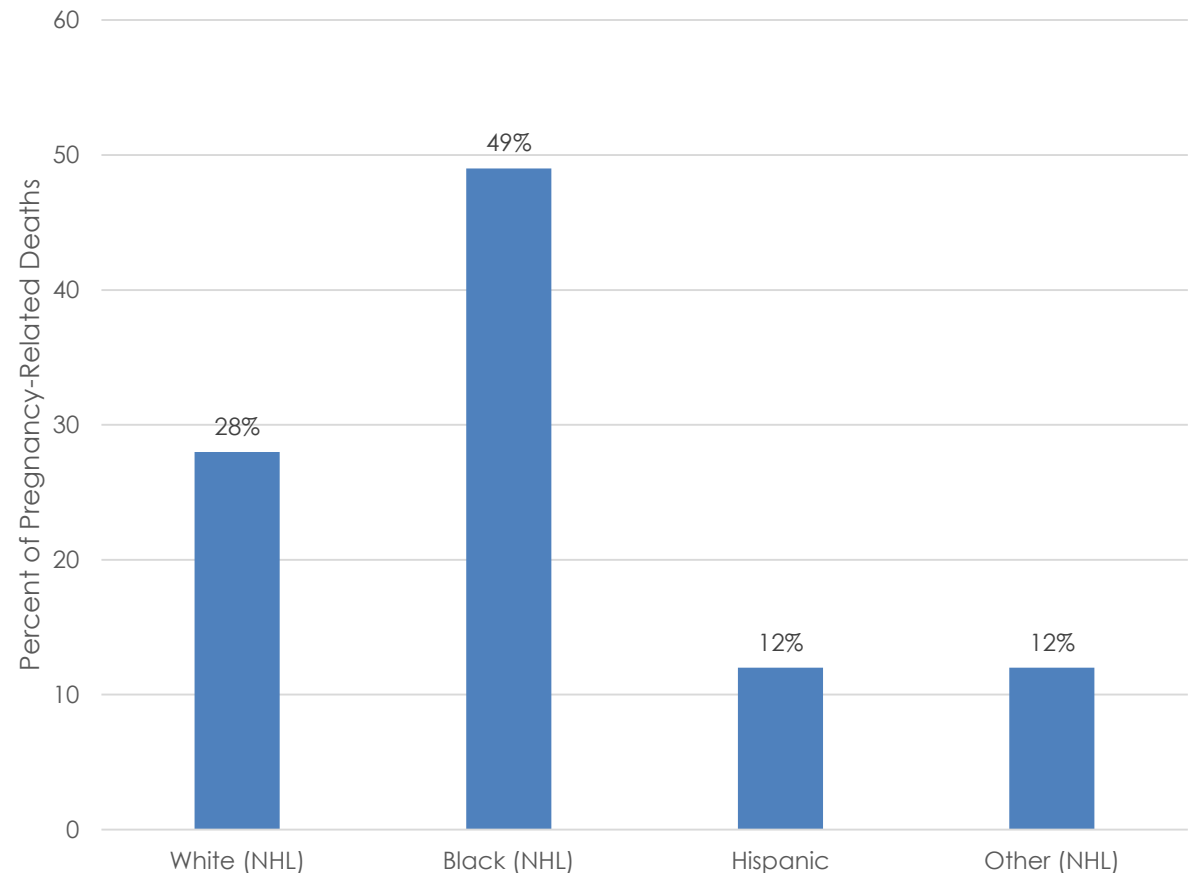


**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

- Leading causes (pregnancy-related)
 - Cardiovascular and coronary conditions
 - Embolism
 - Cardiomyopathy
 - Hemorrhage
 - Preeclampsia and eclampsia
 - Amniotic fluid embolism

**Pregnancy-Related Death in GA by Race/Ethnicity,
2014**



Recommendations



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

1. Screen, treat, and connect women with substance use/abuse resources
2. Work with structured systematic collaboratives (i.e. GaPQC)
3. Universal screening of perinatal mood and anxiety disorders
4. Increased education and resources on maternal mental health
5. Maternal mortality prevention
 1. Extend postpartum Medicaid from 60 days to one year postpartum
 2. Early prenatal care and postpartum follow-up
 3. Specialist referral when indicated



Access to Care

Prenatal Care

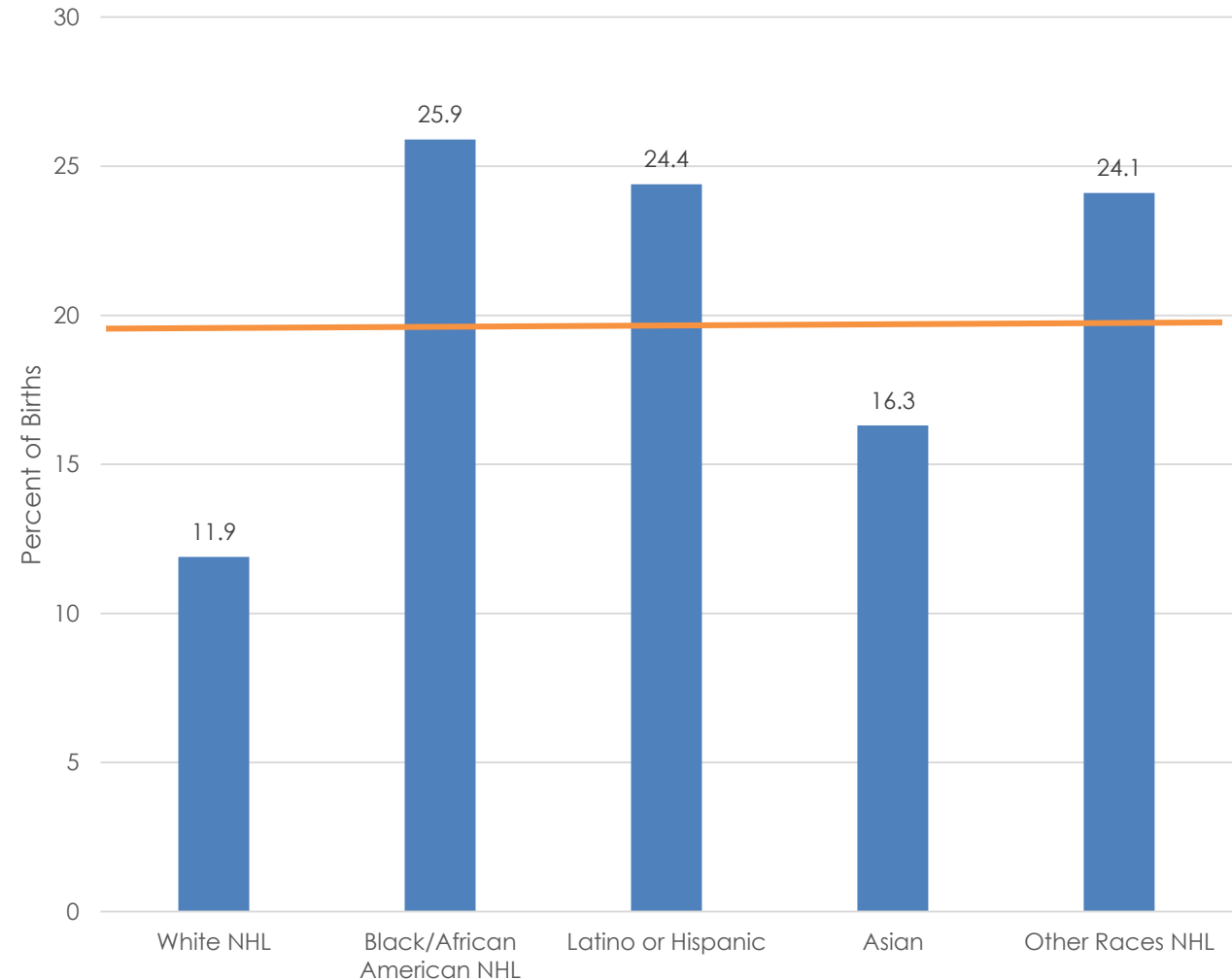


**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

- 19% of births without adequate prenatal care
- Hospital and L&D closures
- Highest among
 - Mothers with less than a high school education: 35.2%
 - Mothers aged 10-17 years old 37.2%
 - Non-rural counties: 19.2%

Inadequate Prenatal Care by Kotelchuck Index across Race/Ethnicity, 2017

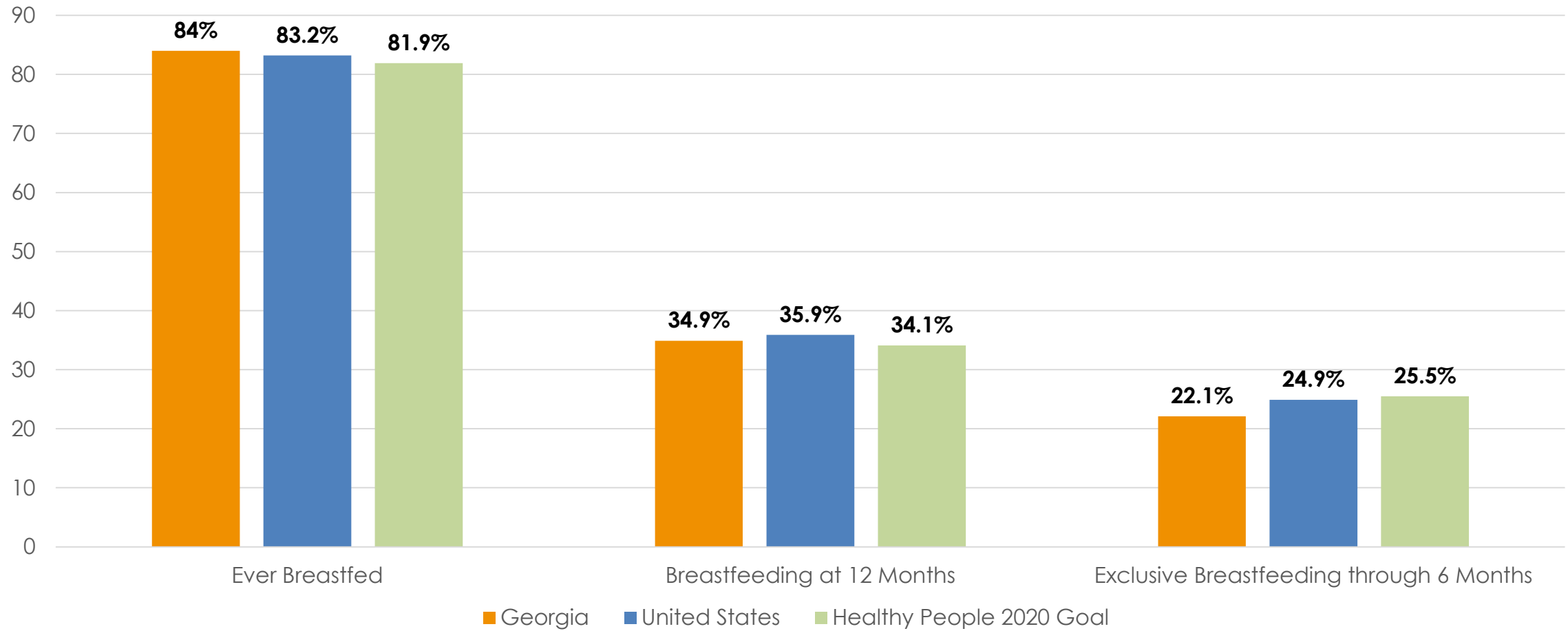


Breastfeeding



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia



Auxiliary Services

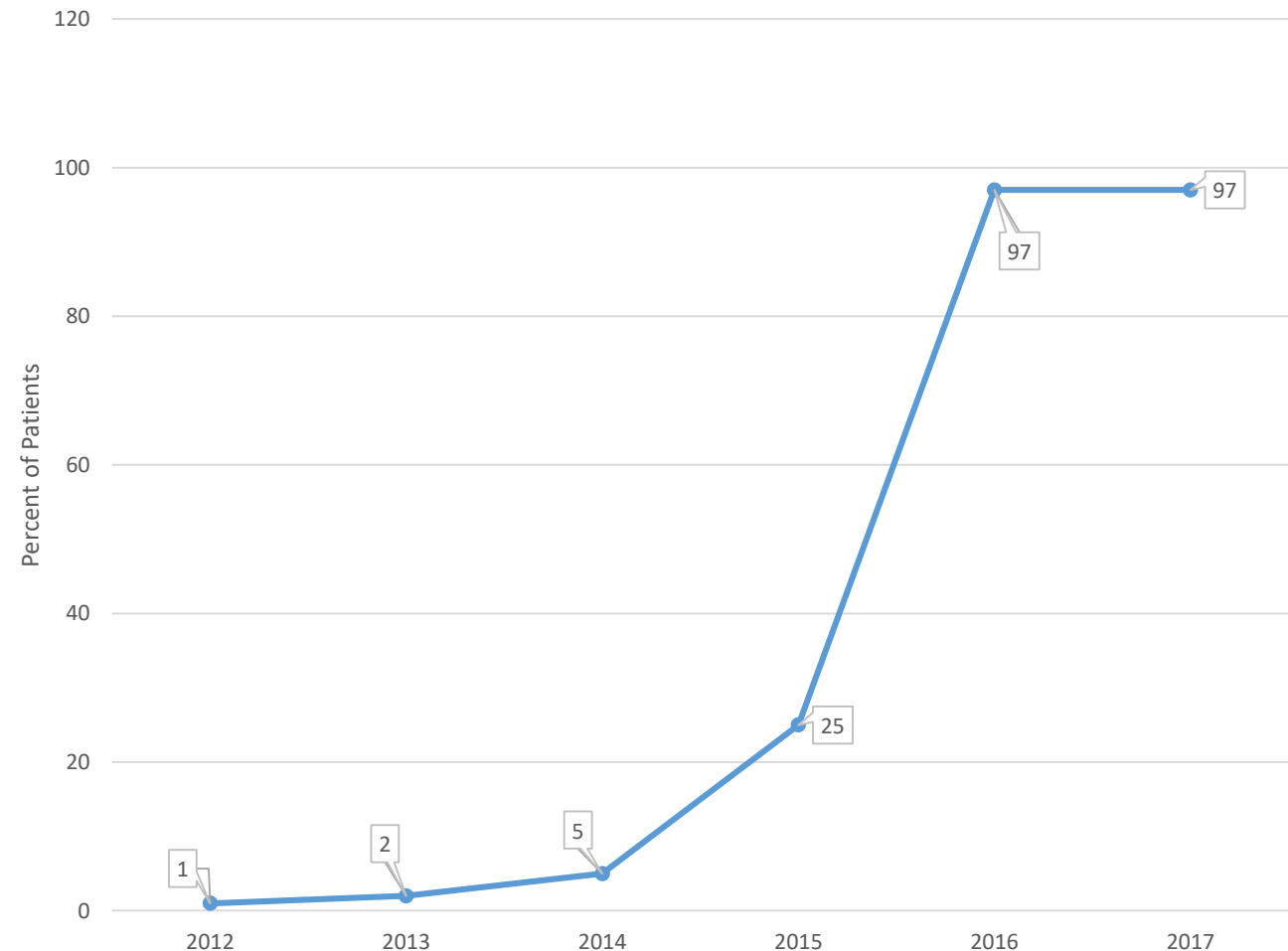


**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

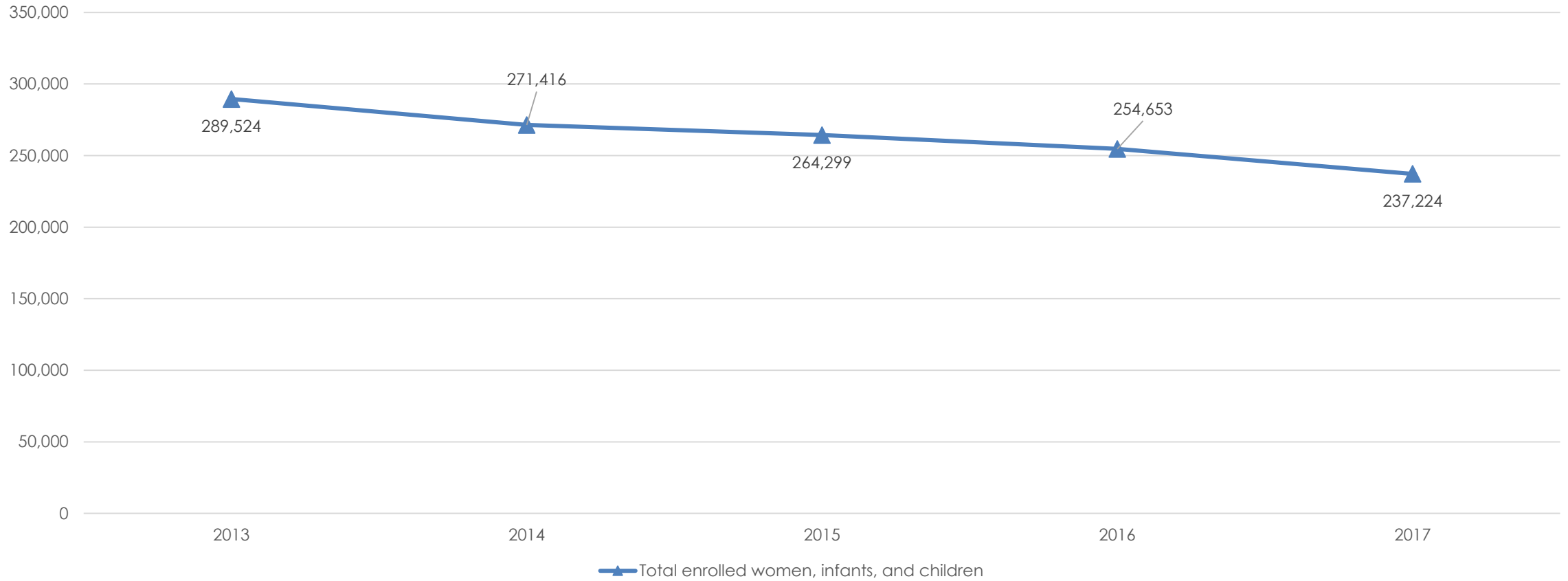
- Dental Care
 - 39% pregnant women received cleanings
 - Medicaid: 2%
- Vaccinations
 - Flu shot: 33.8%
 - Medicaid: 7%
 - Highly ranked TDaP vaccine receipt
 - 90% with ≥ 4 doses by age 3

GA Medicaid Patients that Received a TDP Vaccine during Pregnancy, 2012-2017





WIC Program Participation in Georgia, 2013-2017



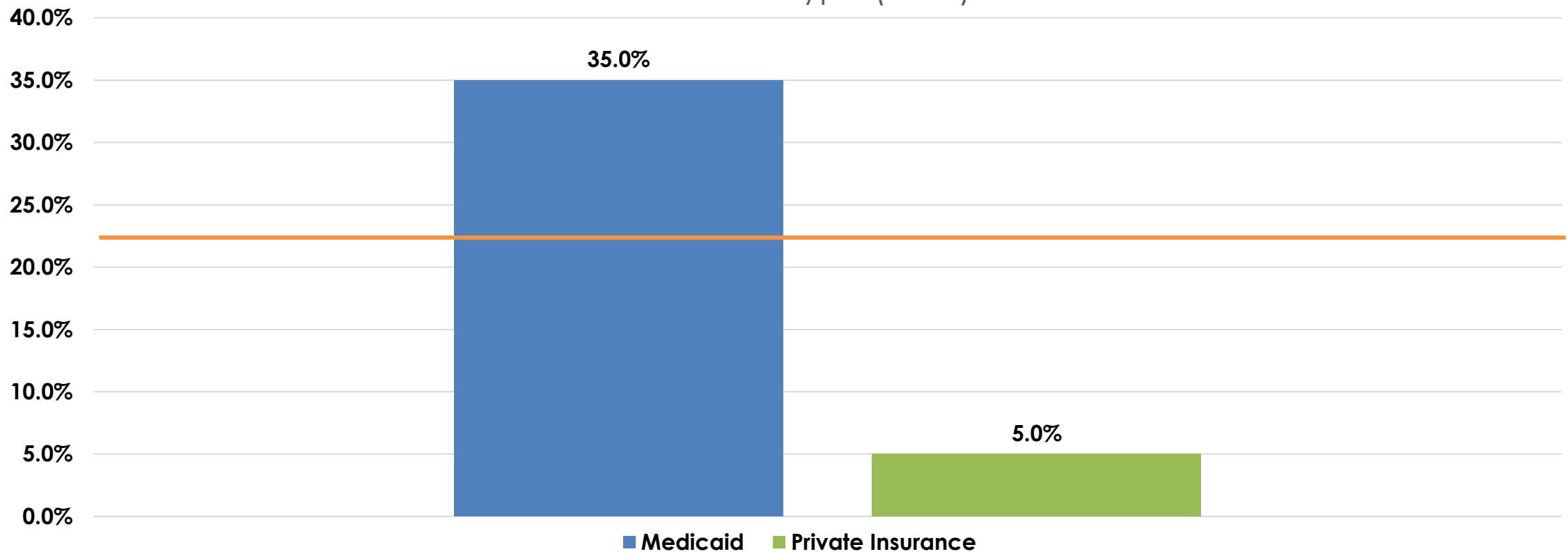


- Covers most births in Georgia
- Gaps in prenatal and postpartum care
- Planning for Healthy Babies (P4HB)
 - Family planning only: 19%
 - Inter-pregnancy care and Resource Mother: 58.9%

Postpartum Insurance Loss



Rates of Postpartum Coverage Loss Among Georgia Mothers by Prenatal Insurance Type (2017)



Recommendations



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

1. Improving access to prenatal care and education
 1. *What's Missing: Exploring and Responding to Gaps in Prenatal Education Across the State of Georgia*
2. Increased education on importance of oral health and vaccinations during pregnancy
3. Extension of postpartum Medicaid coverage to one year postpartum
4. Improve breastfeeding education and support



Conclusions

Key Findings



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

- High national rankings
 - 6th highest in infant mortality
 - 4th highest in low birthweight
 - 5th highest in preterm birth
- 58% of pregnancy-related deaths in 2014 were preventable
- Consistent racial/ethnic disparities across indicators

Key Findings



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

- Breastfeeding frequency of initiation is slightly higher than the national average
 - Duration to the recommended six months of exclusive breastfeeding remains a challenge
- Rate of neonatal abstinence syndrome in Georgia has increased threefold from 2010

Working Groups



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

- Oral health
- Prenatal education
- Doula access
- P4HB
- Infant mortality

<http://hmhbga.org/advocacy/working-groups/>

Contact



**HEALTHY MOTHERS,
HEALTHY BABIES**

Coalition of Georgia

Amber Mack, Research & Policy Analyst,
HMHBGA

Amber.mack@hmhbga.org

Georgia Family Healthline: 1-800-300-9003



www.facebook.com/HMHBGA



[@HMHBgeorgia](https://twitter.com/HMHBgeorgia)



[@HMHBgeorgia](https://www.instagram.com/HMHBgeorgia)