



Syracuse Healthy Start Evaluation - 2013

Prepared by
Martha A. Wojtowycz, PhD
Pamela Parker, BA



Outline of Presentation

- Demographic Characteristics
- Core Services
 - Outreach and Recruitment
 - Case Management
 - Health Education
 - Interconceptional Care
 - Depression Screening and Referral
- Consortium
- Recommendations

Data Sources

- Statewide Perinatal Data System (SPDS)
 - Population-based birth registry that uses the Electronic Birth Certificate (EBC) as its foundation
 - Captures data on maternal demographics, risk factors, prenatal care, labor and delivery characteristics, and birth outcomes
- Peer Place
 - Web-based data system that manages workflow and information from client referral to case closing
- Data sources were linked by OCHD, Director of Surveillance and Statistics
 - Data from the linked file used for this presentation

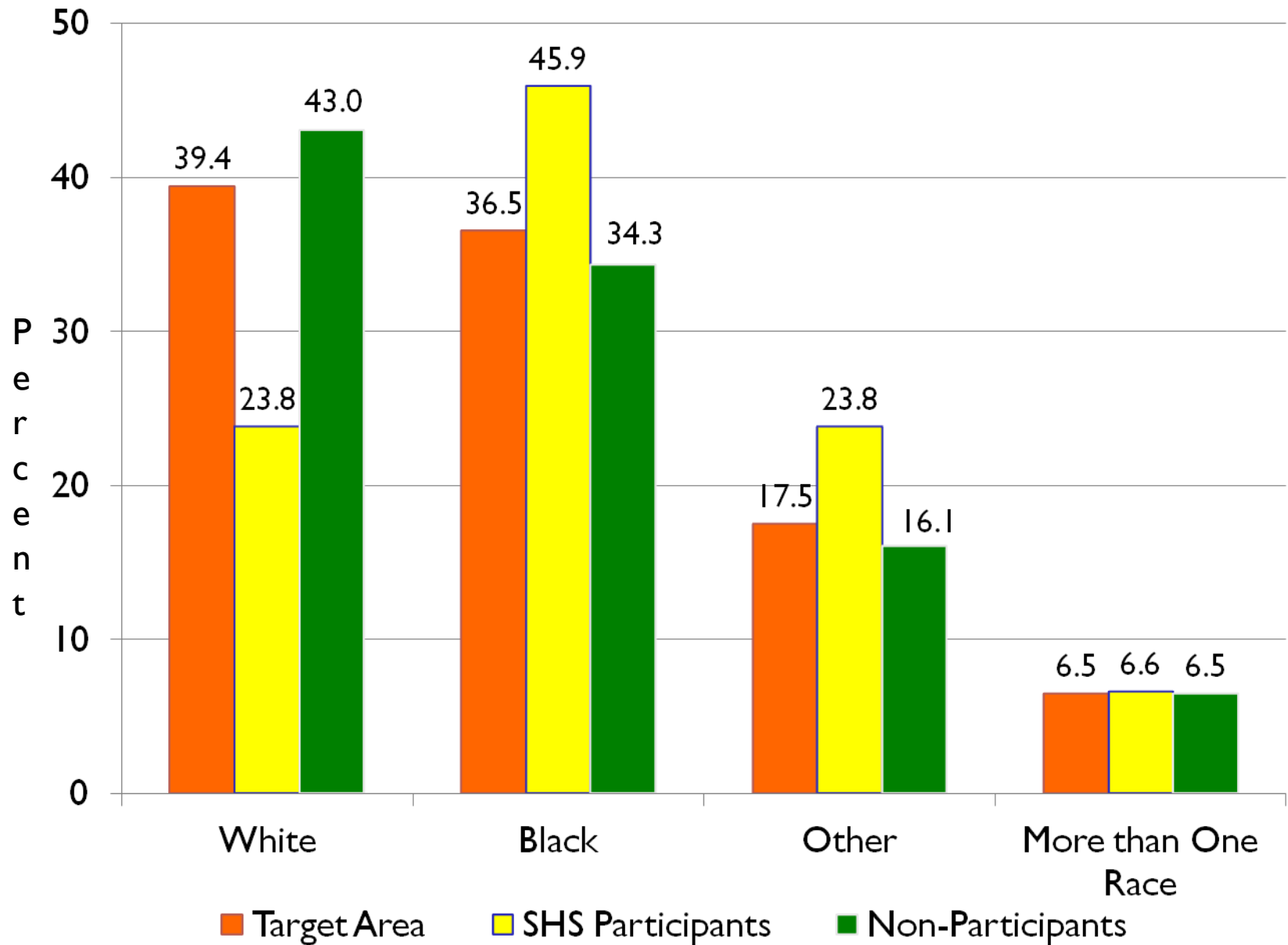
SHS Participants - 2013

- **2206** live births to women residing in the **City of Syracuse**, the Syracuse Healthy Start target area
- **721 pregnant women** were enrolled in **Syracuse Healthy Start**
- SHS participants delivered **406 live births** (398 singletons) during calendar year 2013
- In addition, 302 women who delivered prior to 2013 received SHS services
- Approximately, 1000 women receive SHS services on an annual basis

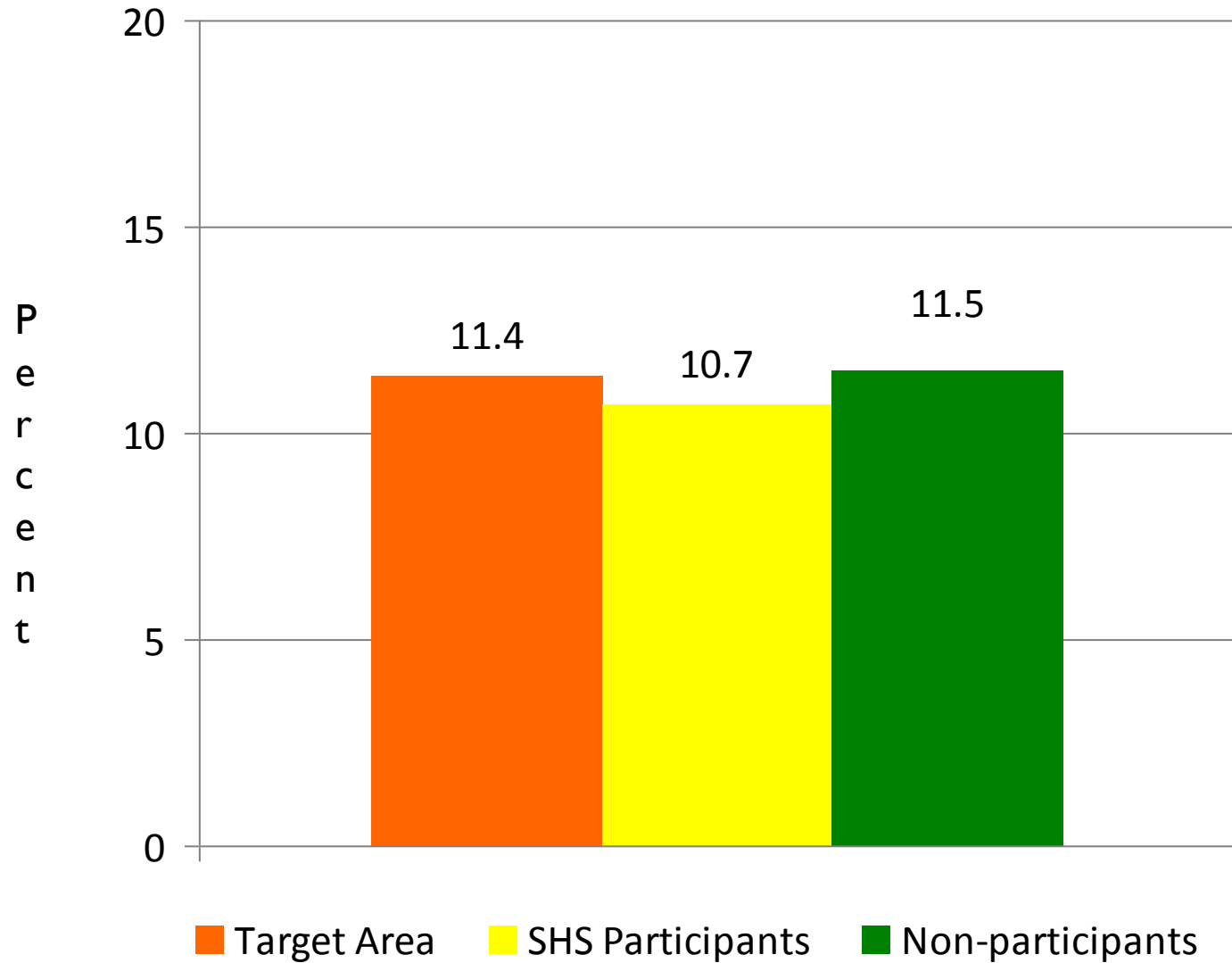
Characteristics of Participants



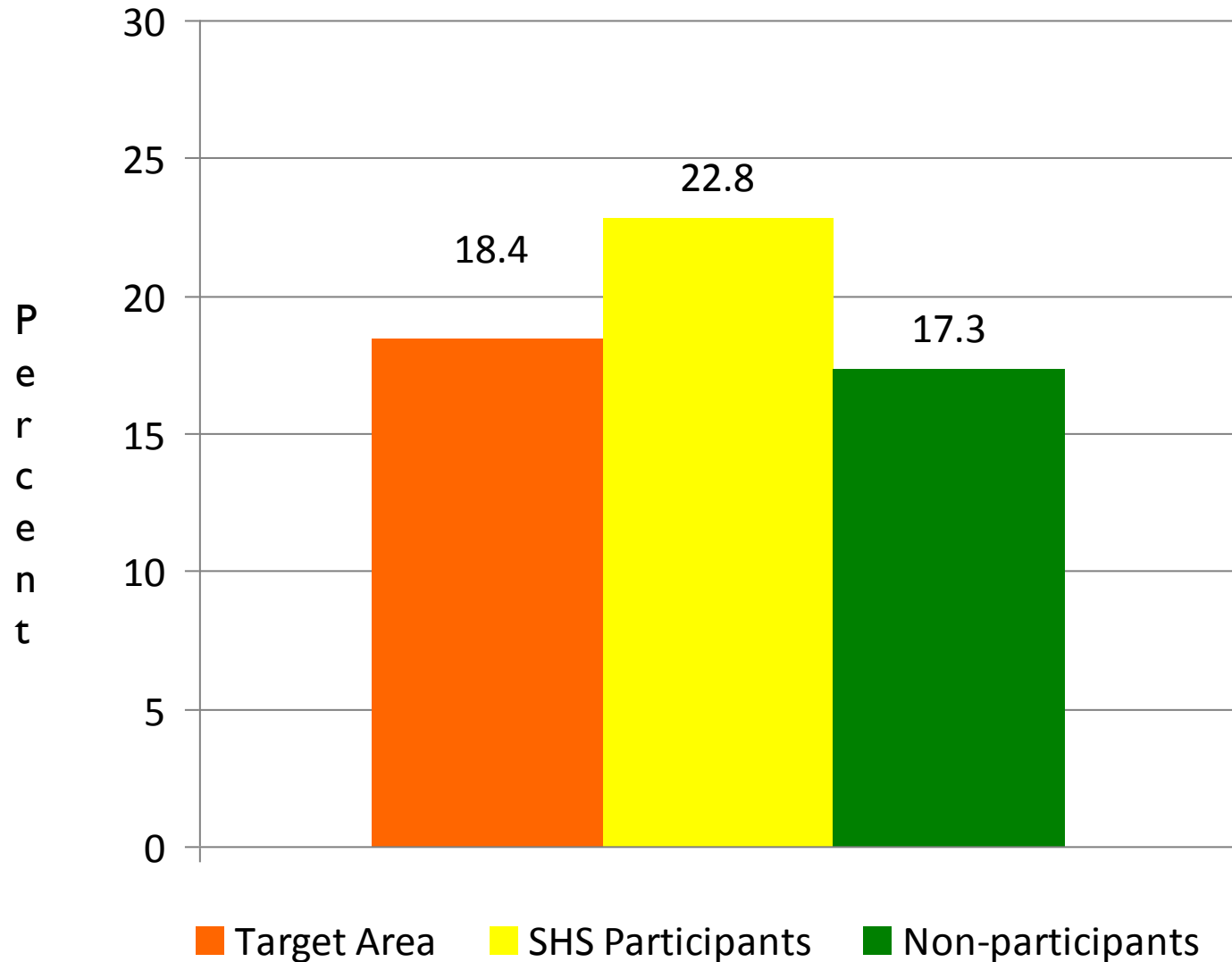
Race



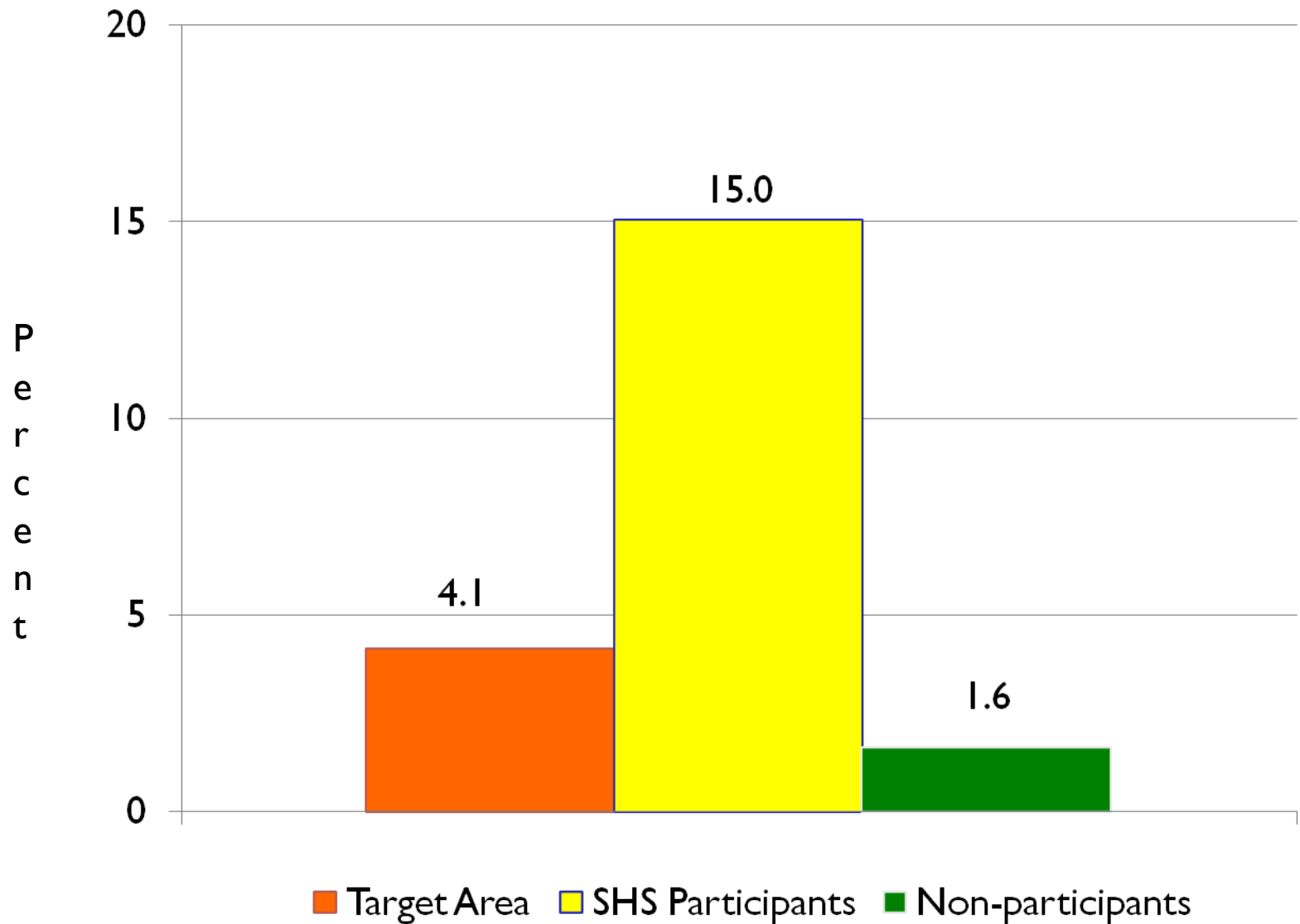
Hispanic Ethnicity



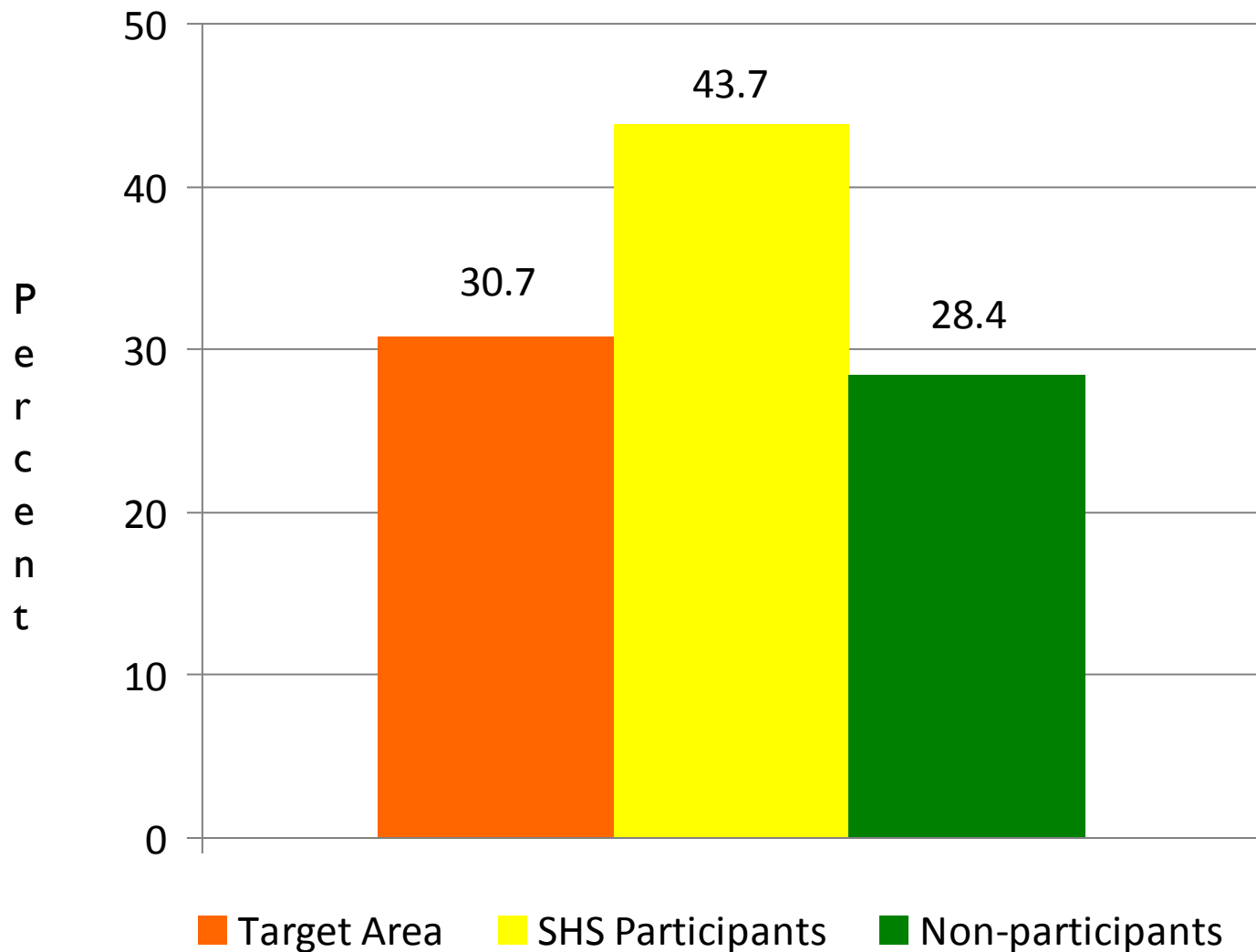
Born Outside of the United States



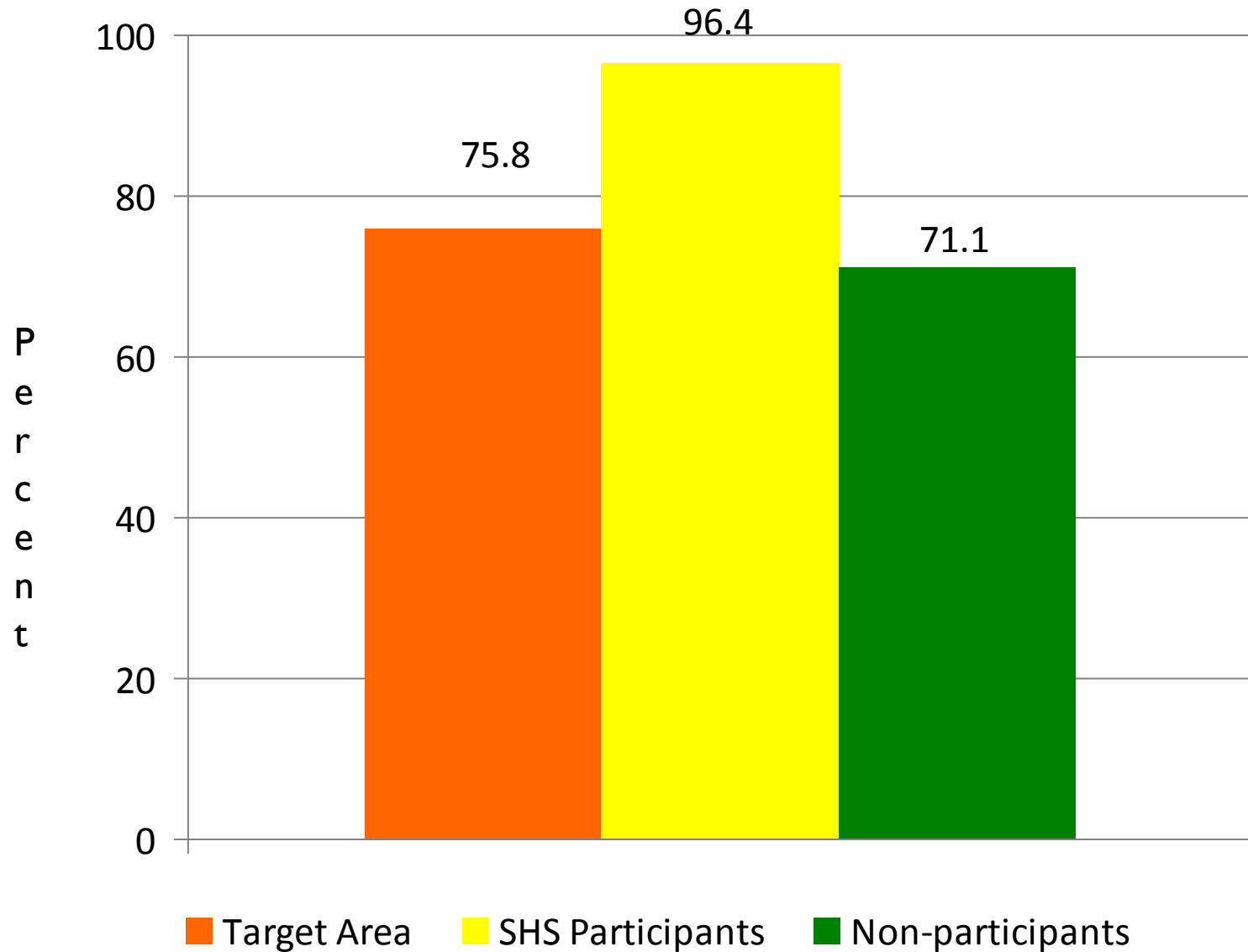
Adolescents (Age<18)



Education Less than High School – Among Women ≥ 20



Medicaid – Paid for Delivery





Summary of Demographic Characteristics

- SHS are more socioeconomically disadvantaged when compared with residents of the target area
- They are:
 - *More likely to self-identify as black or other race*
 - *More likely to be adolescents (age<18)*
 - *More likely to be born outside of the US*
 - *Less likely to have completed high school (among women aged 20 and higher)*
 - *More likely to have Medicaid insurance*

Core Services



Outreach and Recruitment



***** For assistance call: (315) 435-2000 or [click here](#) *

[Home](#)

parents  

About Us

Child Immunizations

Children with Special Needs

Family Life Team for SCSD Students

Home Visiting

Nurse-Family Partnership

Nutrition & Healthy Food Support (WIC)

Syracuse Healthy Start

Touchpoints

Need Help? 

local resources  

library  

syracuse healthy start

[home](#) | [events](#) | [get involved](#) | [our team](#) | [news](#)

Get Involved with Syracuse Healthy Start!

If you are pregnant or a new parent, Syracuse Healthy Start is here for you! Give us a call at (315) 435-2000 or [click here](#) to have someone get in touch with you about all of the services available for you and your growing family. All of our services are free, confidential, and delivered by caring staff members. Meet some of our team members [here](#)! A Community Health Worker or Public Health Nurse can visit you at home or at another location on a regular basis to:

- Talk with you about what to expect during pregnancy, childbirth & your child's first two years.
- Answer any questions you have.
- Connect you with resources in the community (health care, housing, employment, education, WIC, baby supplies, etc).
- Help you set & work towards your personal goals in life.

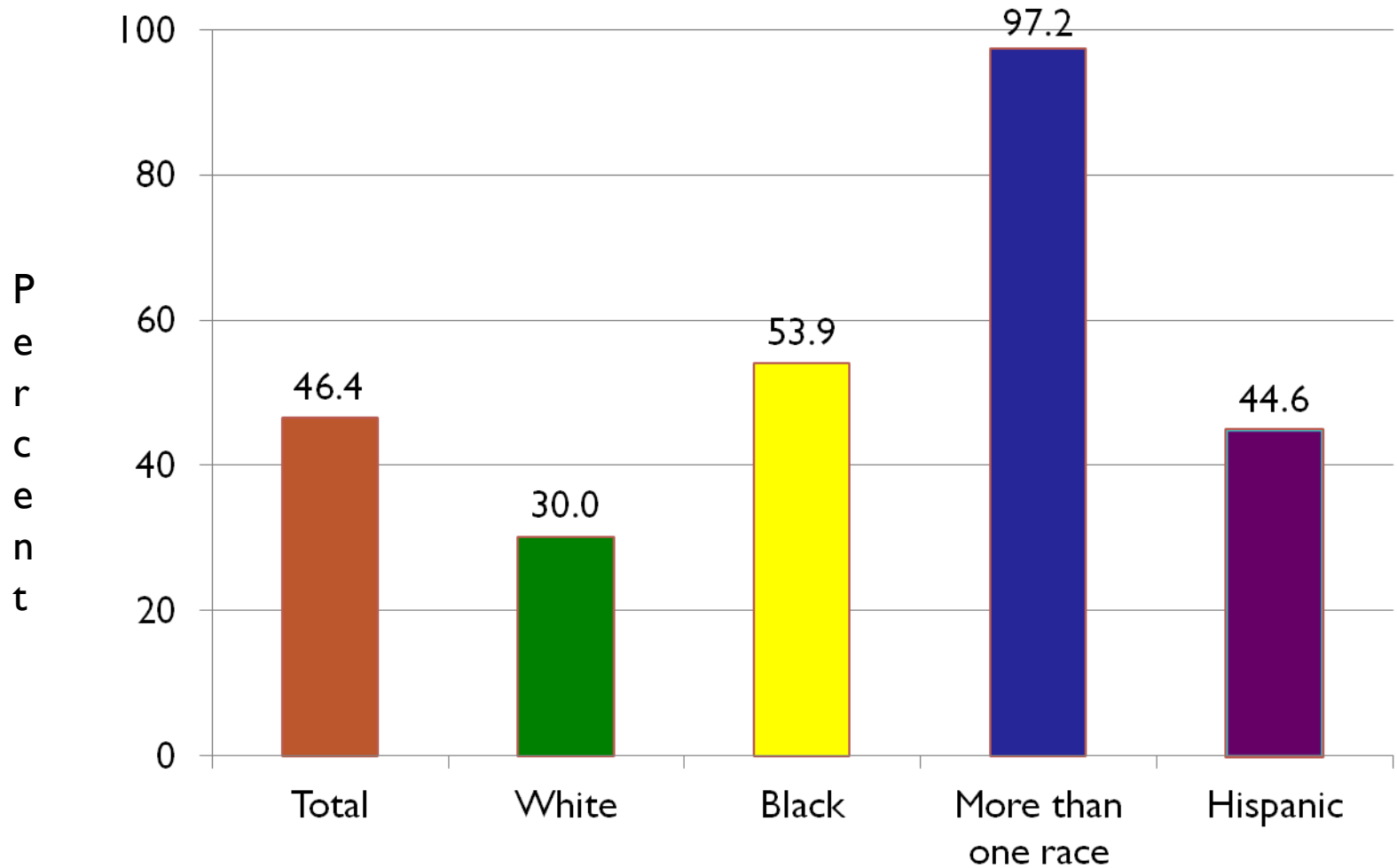
If you are passionate about maternal & child health, and about issues facing families today in Syracuse please join us! To find out more about our active community groups or subcommittees, just [email](#) or call us at 435-2920. Each group meets monthly and brings together health care professionals, human service providers, families, and active community members to collaborate on projects related to:

- Mental Health
- Breastfeeding
- Perinatal substance abuse
- Teen pregnancy prevention
- Safe Sleep
- Fatherhood

Enrollment Rate

- The enrollment rate captures the proportion of eligible women in the target area who enrolled in SHS
 - **Numerator** – number of female Syracuse residents enrolled in SHS in 2013
 - **Denominator** – number of pregnant women residing in Syracuse who delivered a live birth in 2013

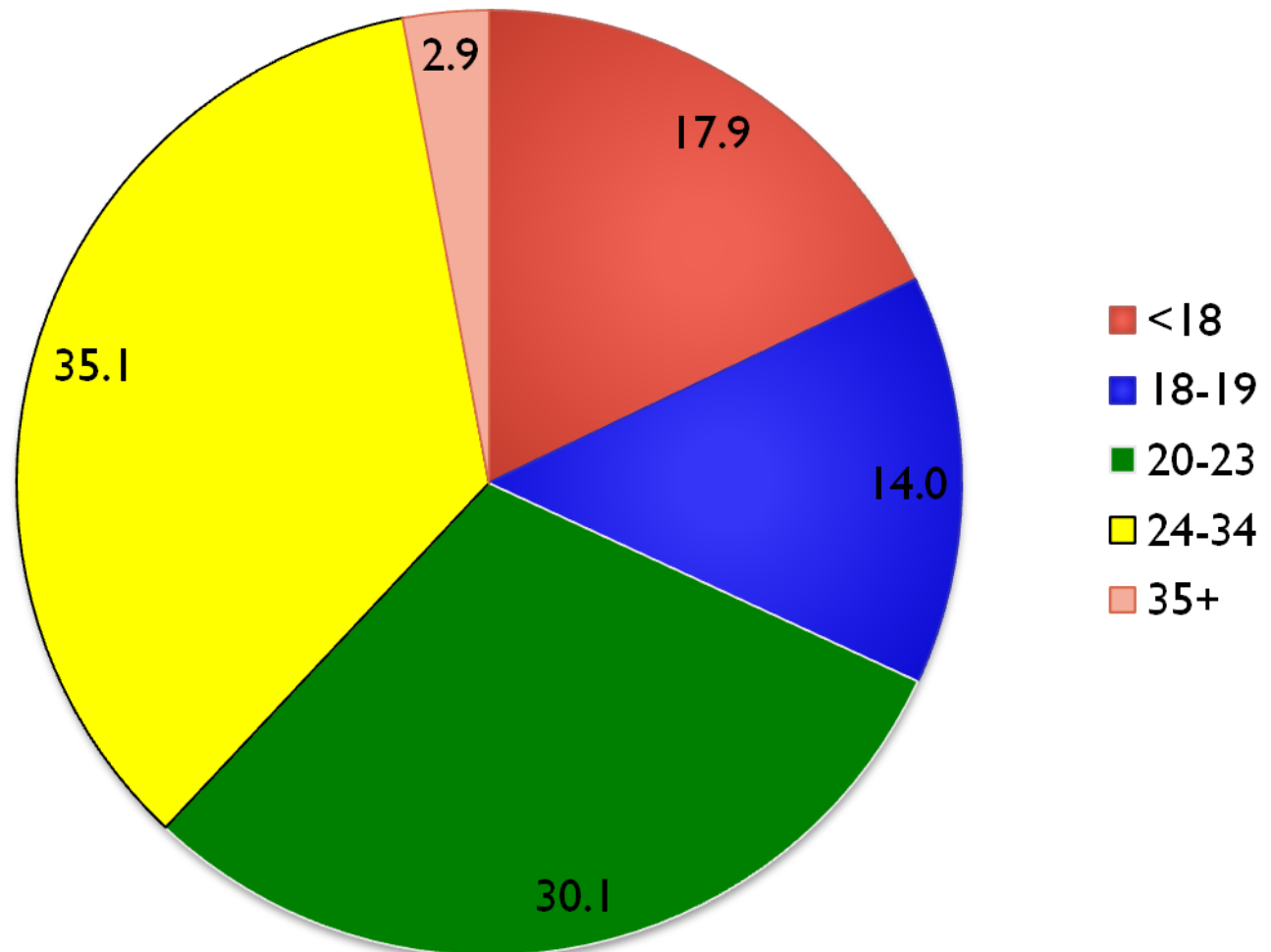
Enrollment Rate - 2013



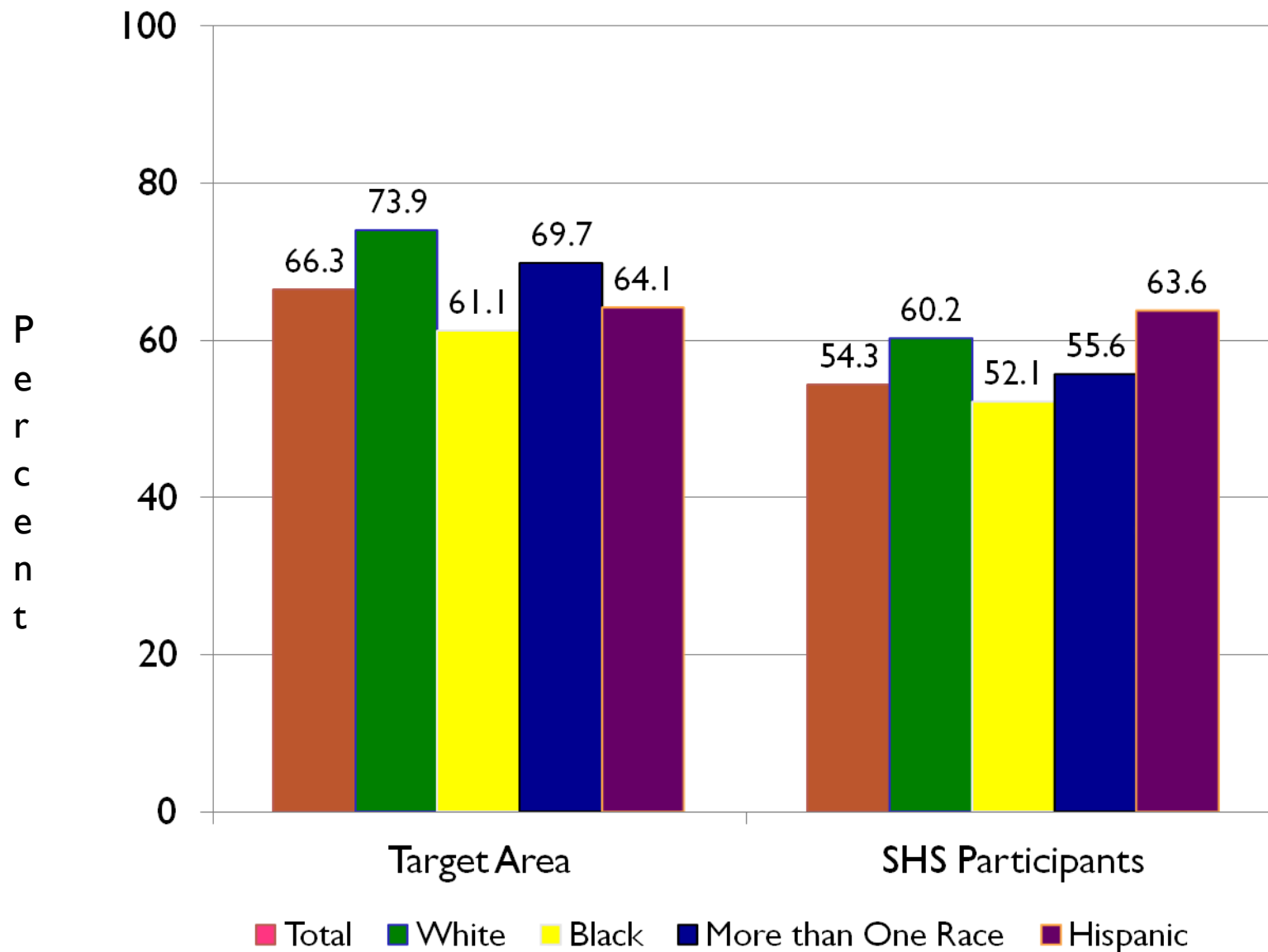
Enrollment of Adolescents <18

- One priority group for outreach and recruitment are pregnant and parenting adolescents.
- In 2013, SHS served:
 - **129 pregnant adolescents (<18)**
 - 18 adolescents (<18) who delivered prior to 2013

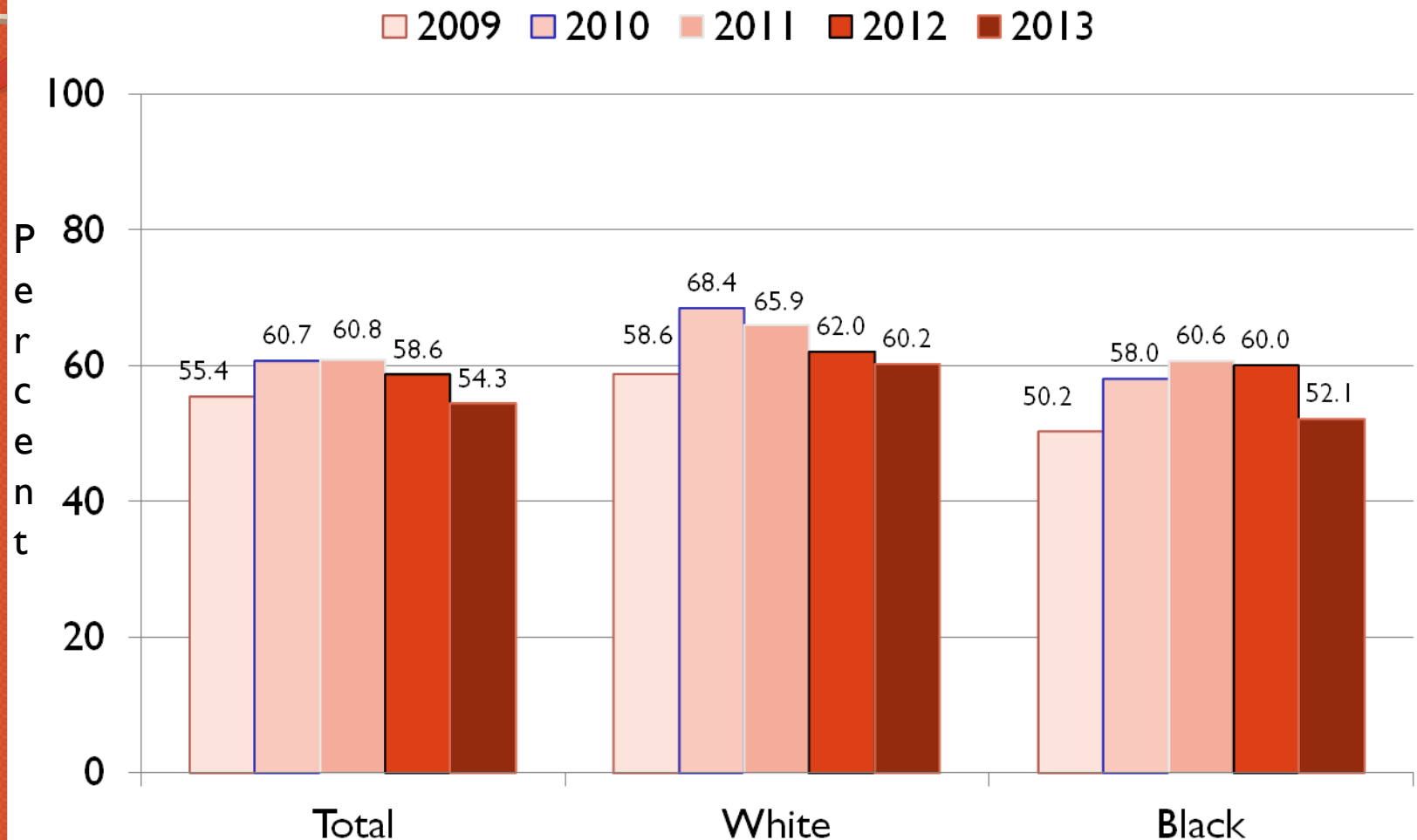
Age Distribution of SHS Pregnant Participants - 2013



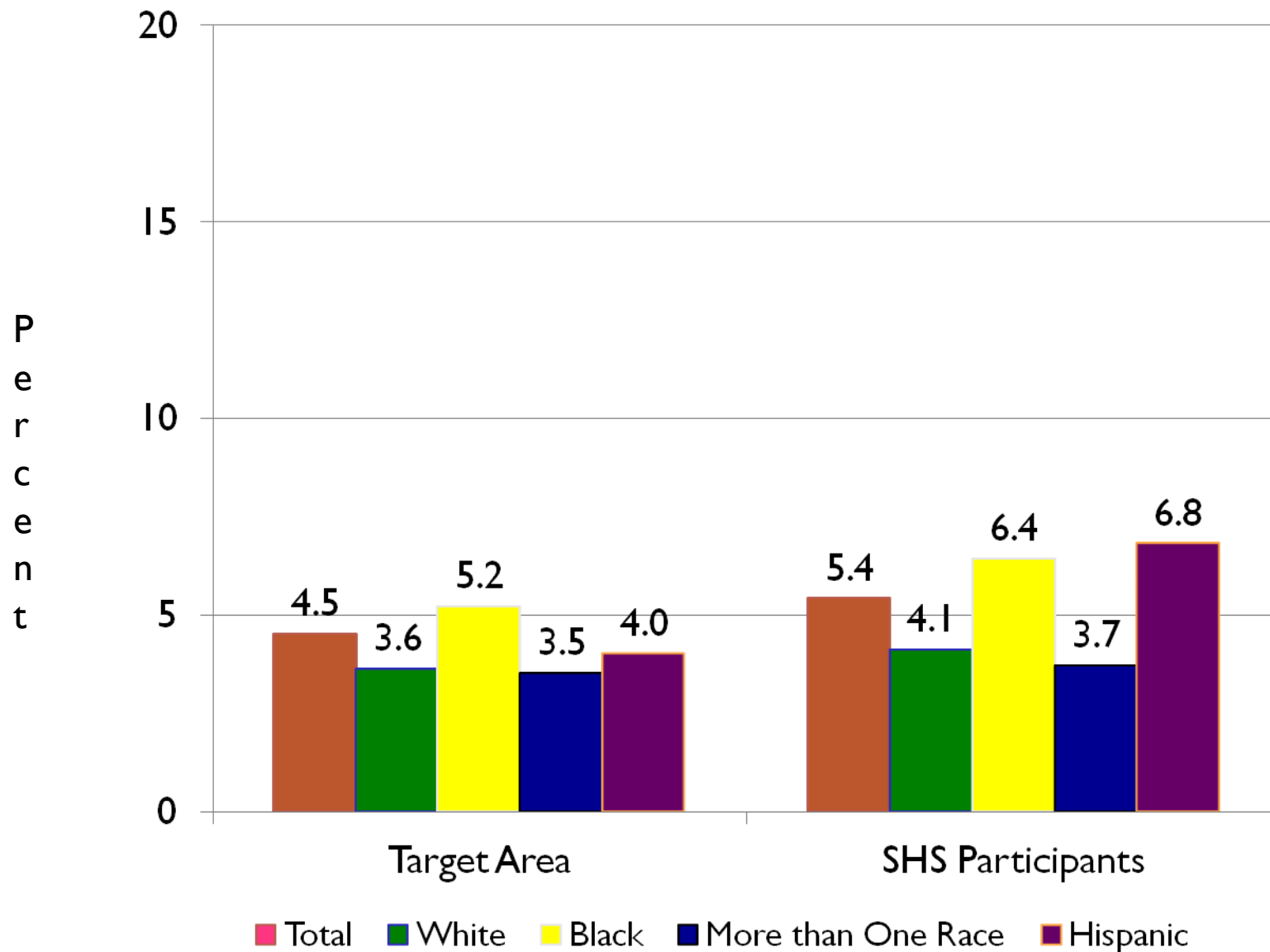
First Trimester Prenatal Care - 2013



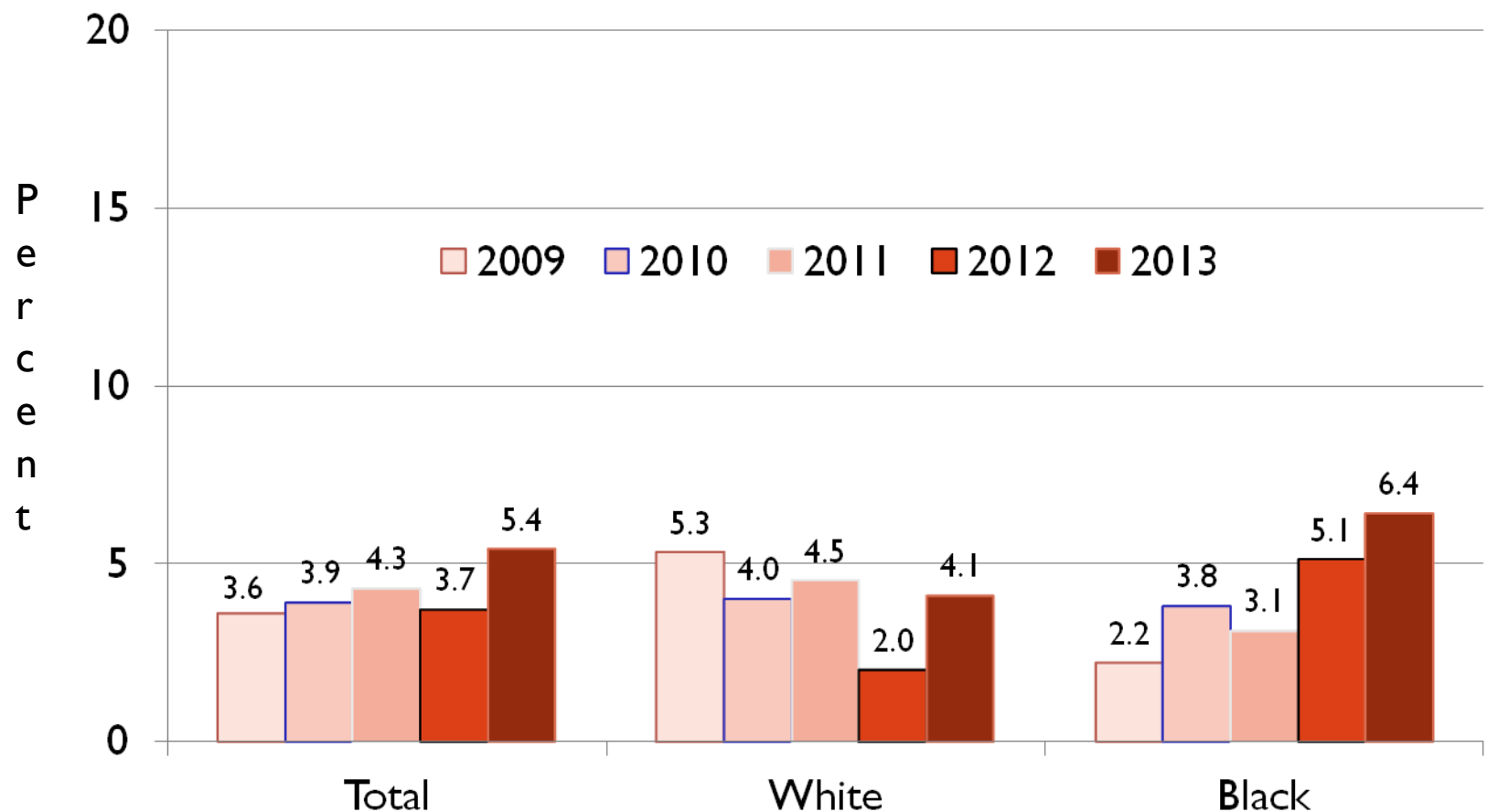
First Trimester Prenatal Care Trends for SHS Participants, 2009-2013



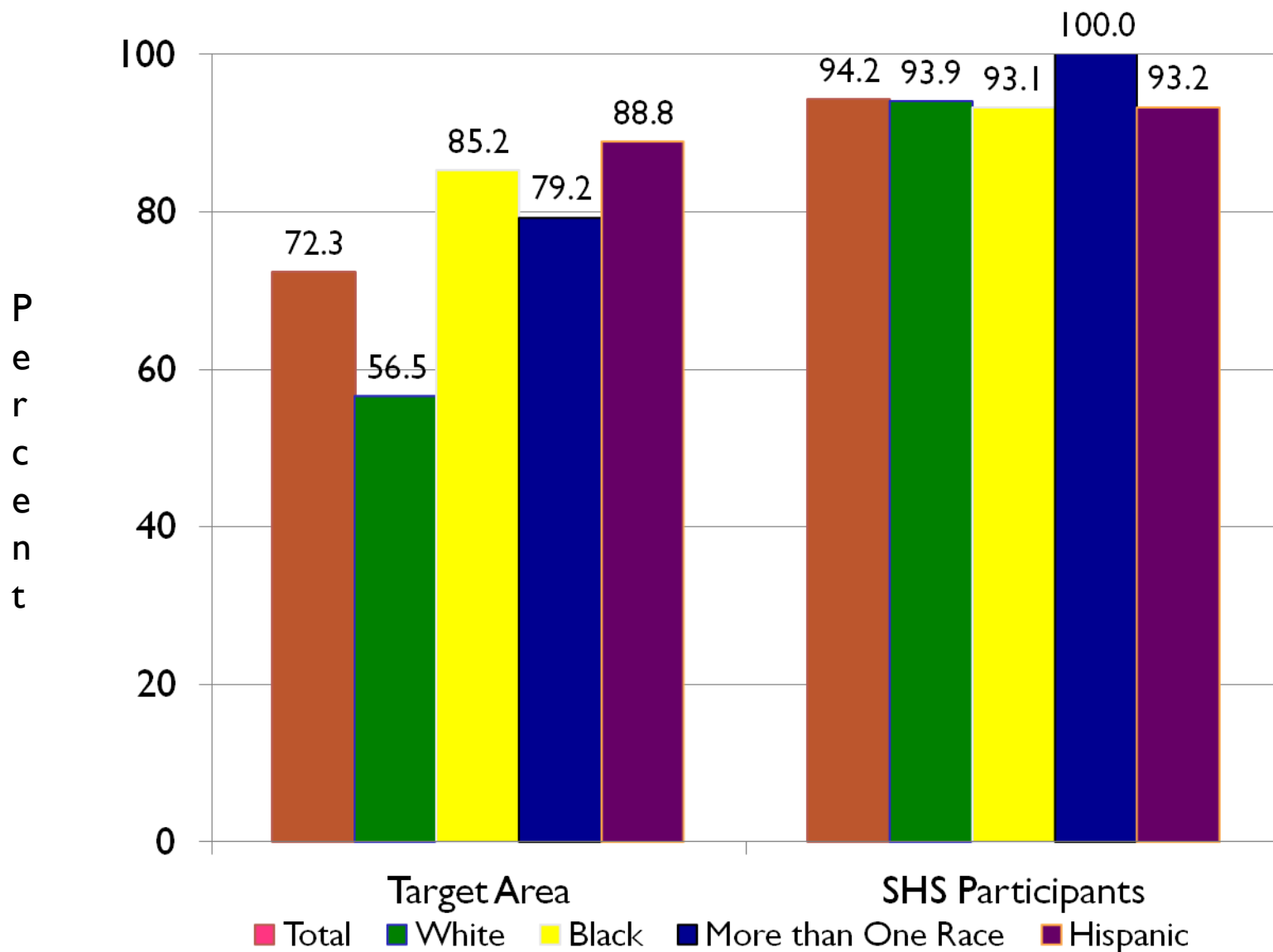
Late/No Prenatal Care - 2013



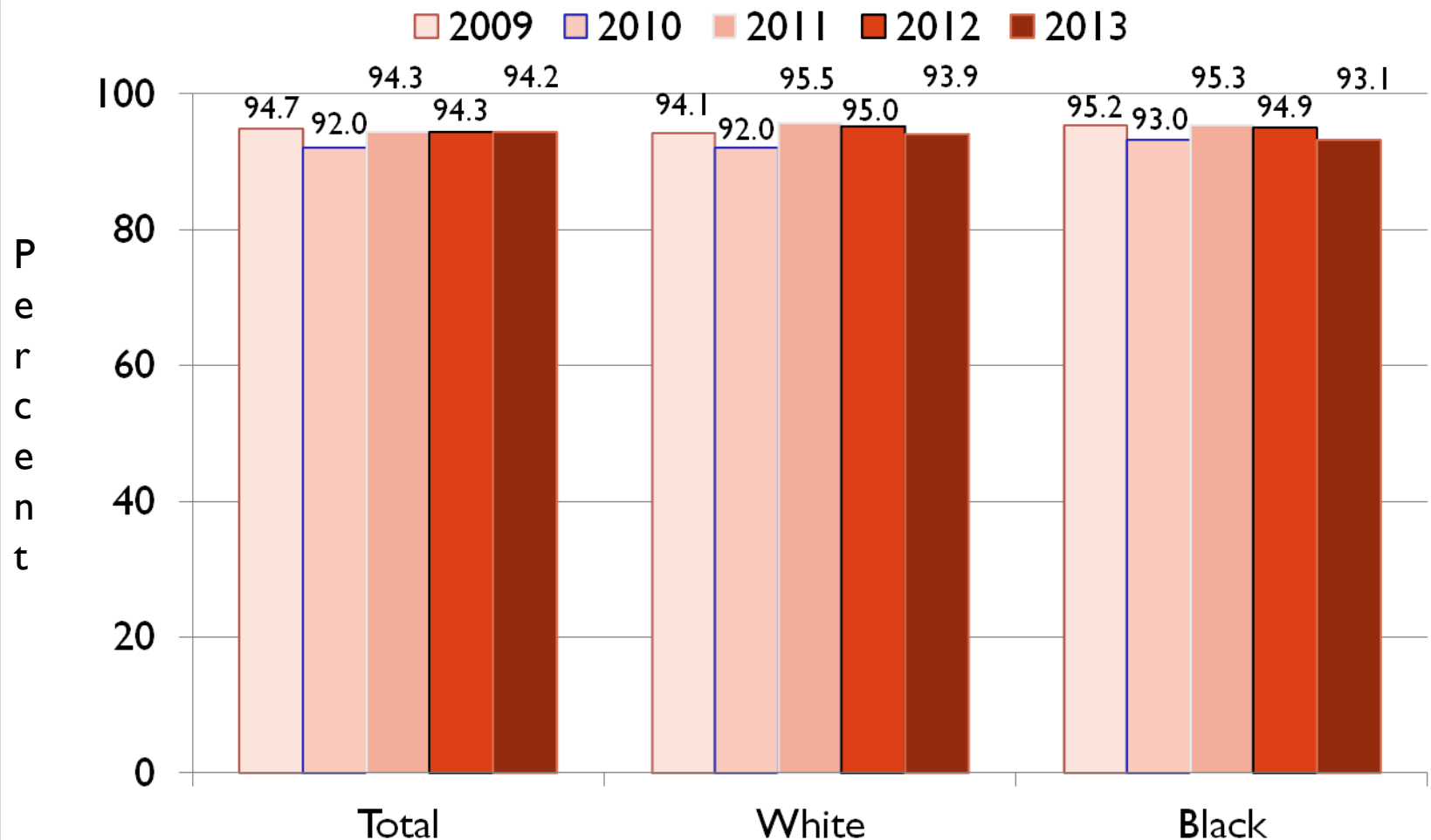
Late/No Prenatal Care Trends for SHS Participants, 2009-2013



WIC Participation - 2013



WIC Participation Trends for SHS Participants, 2009-2013

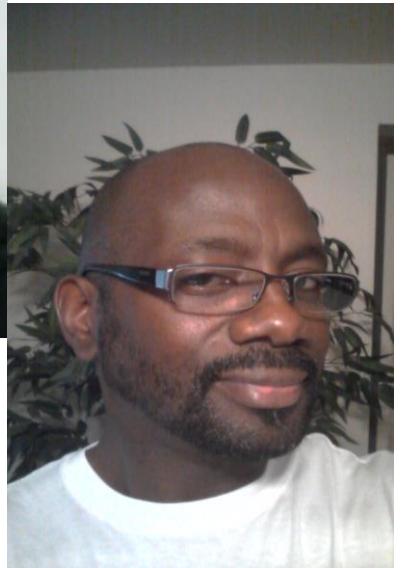




Summary of Outreach and Recruitment

- Approximately one-third of pregnant women enrolled in SHS are under the age of 20
- Downward trend in the percent of SHS participants who receive prenatal care in the first trimester
 - Need for further investigation
- Late/no prenatal care rates for African Americans are higher than for other racial/ethnic groups
 - For both SHS participants and Syracuse residents
- Excellent WIC participation rates

Case Management



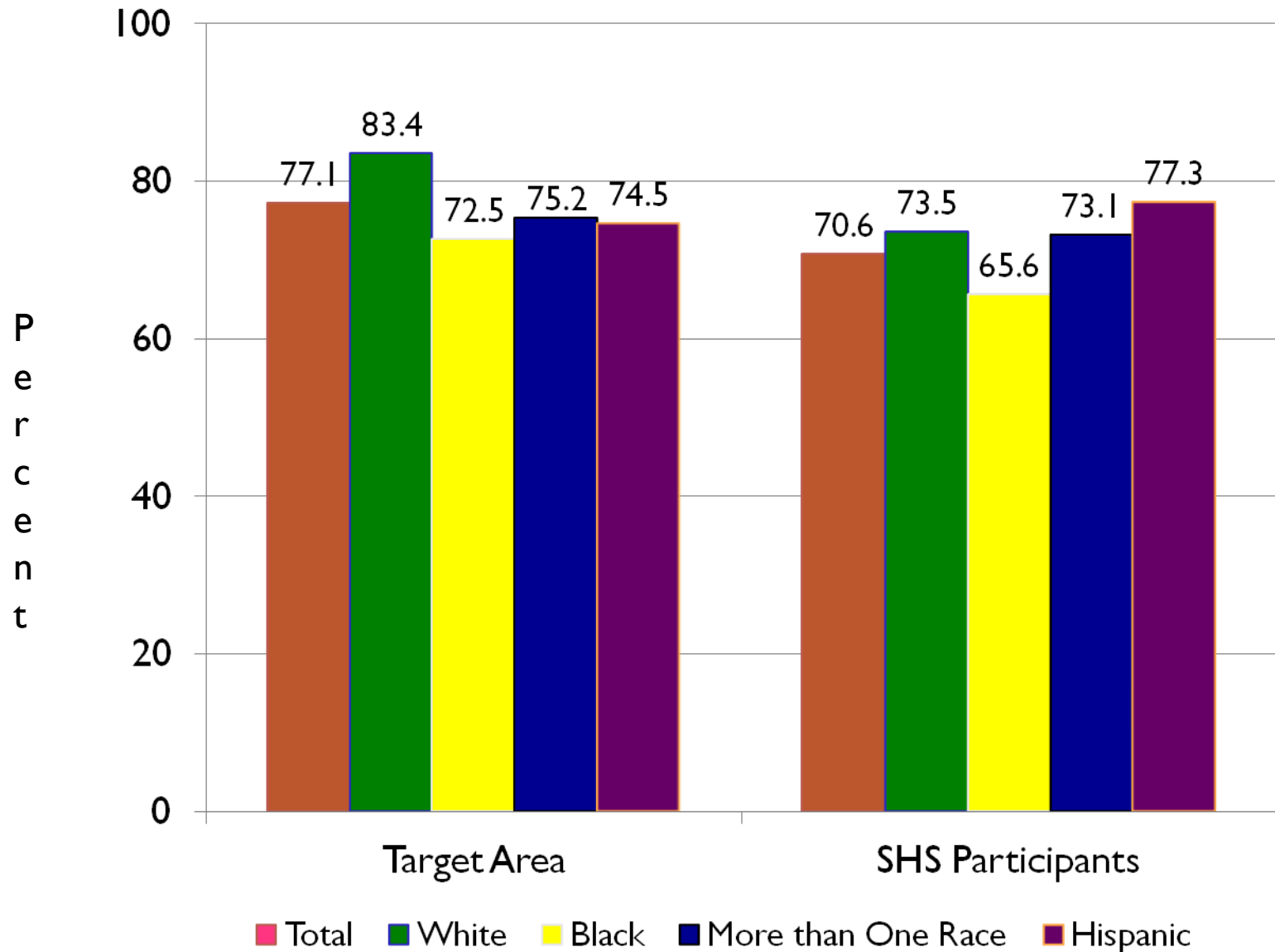
Our Goal is to Reduce Infant Mortality

	City of Syracuse*		SHS Project*	
	2010-2012	2011-2013	2010-2012	2011-2013
Infant Mortality Rate** (all races combined)	6.7	6.8	5.5	6.5
White Infant Mortality Rate	4.8	4.2	2.8	9.0
African-American Infant Mortality Rate	11.5	12.3	6.7	7.2

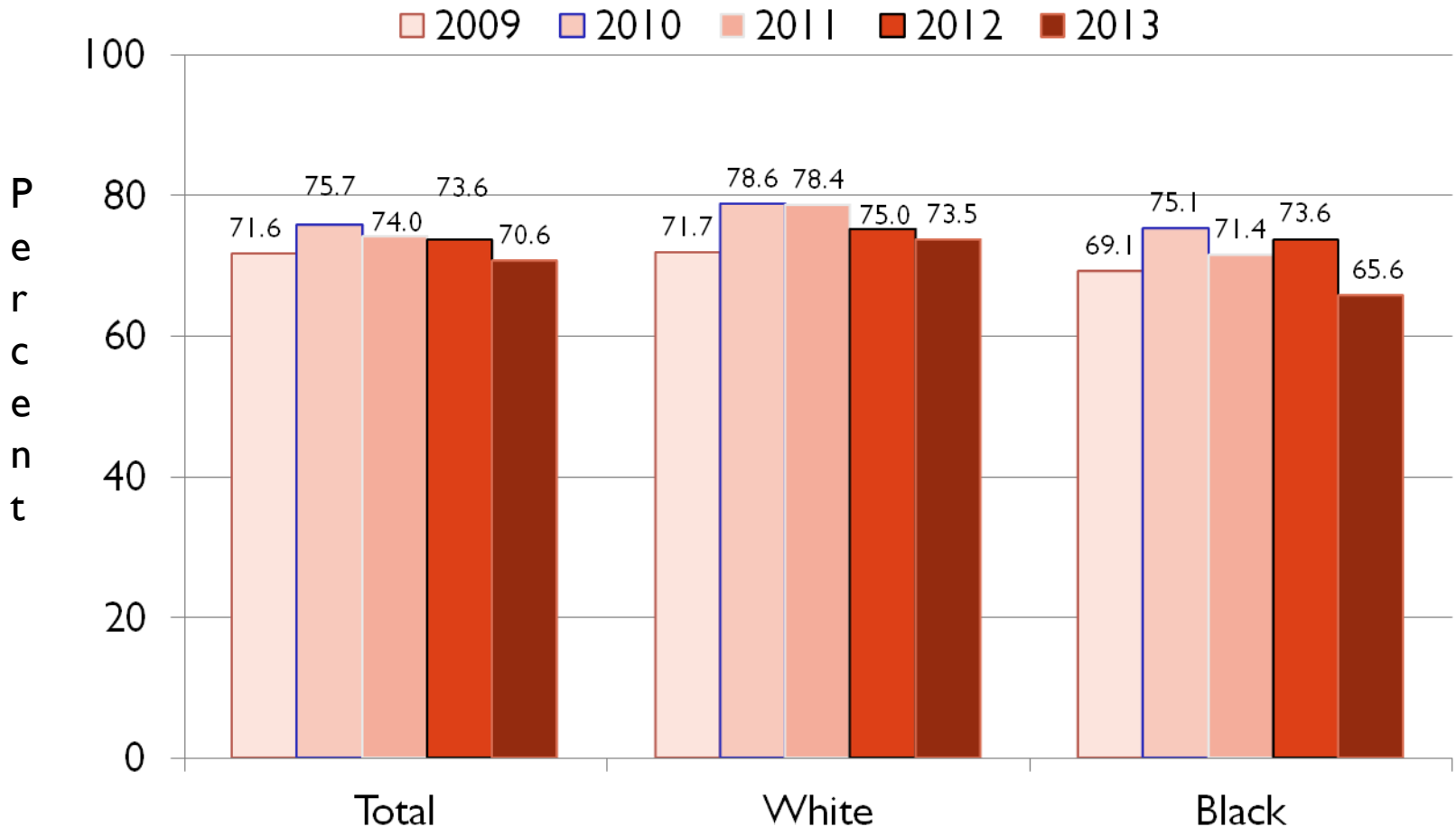
*Data for 2013 are provisional.

** Rate per 1,000 live births.

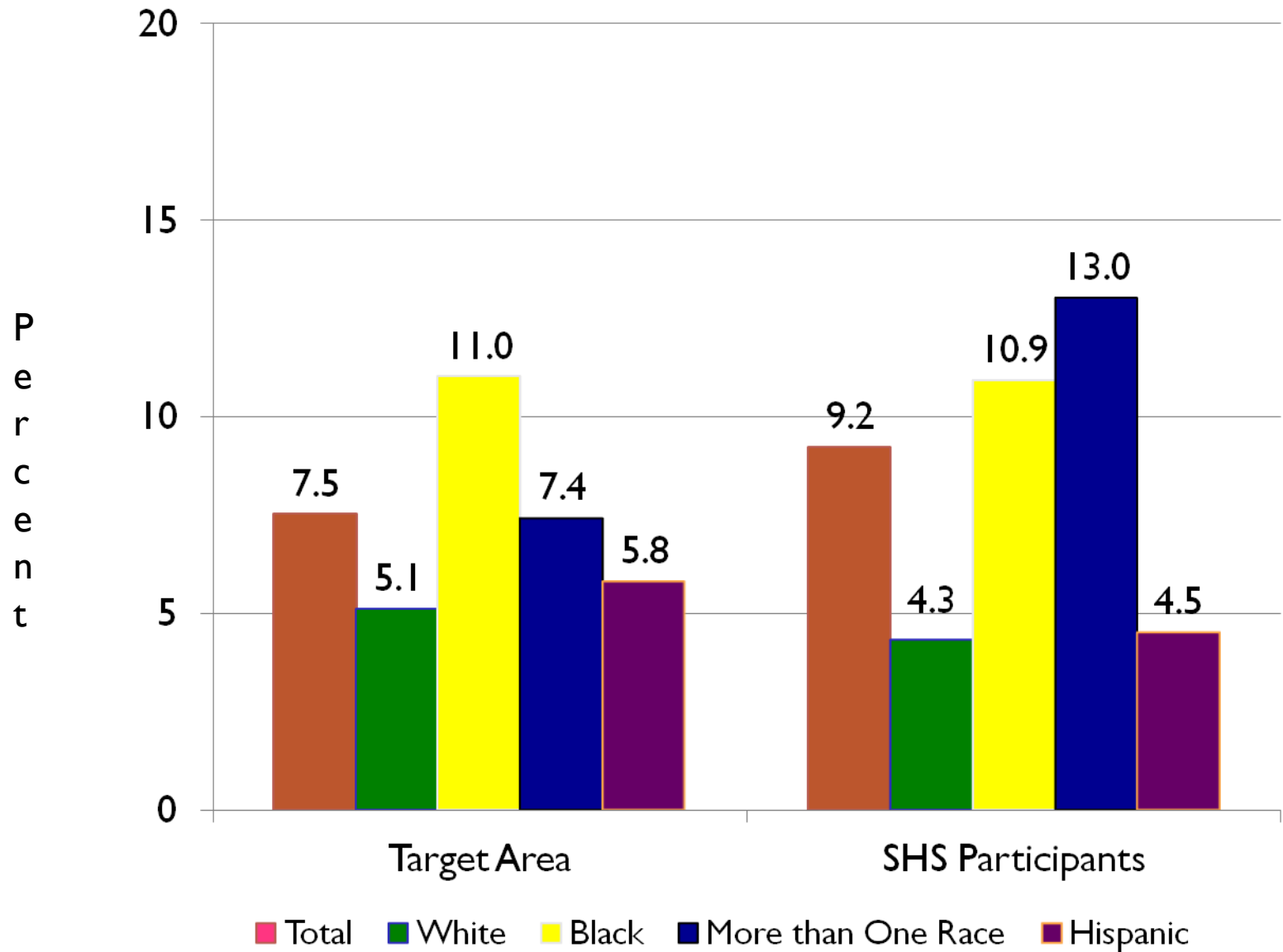
Adequate Prenatal Care - 2013



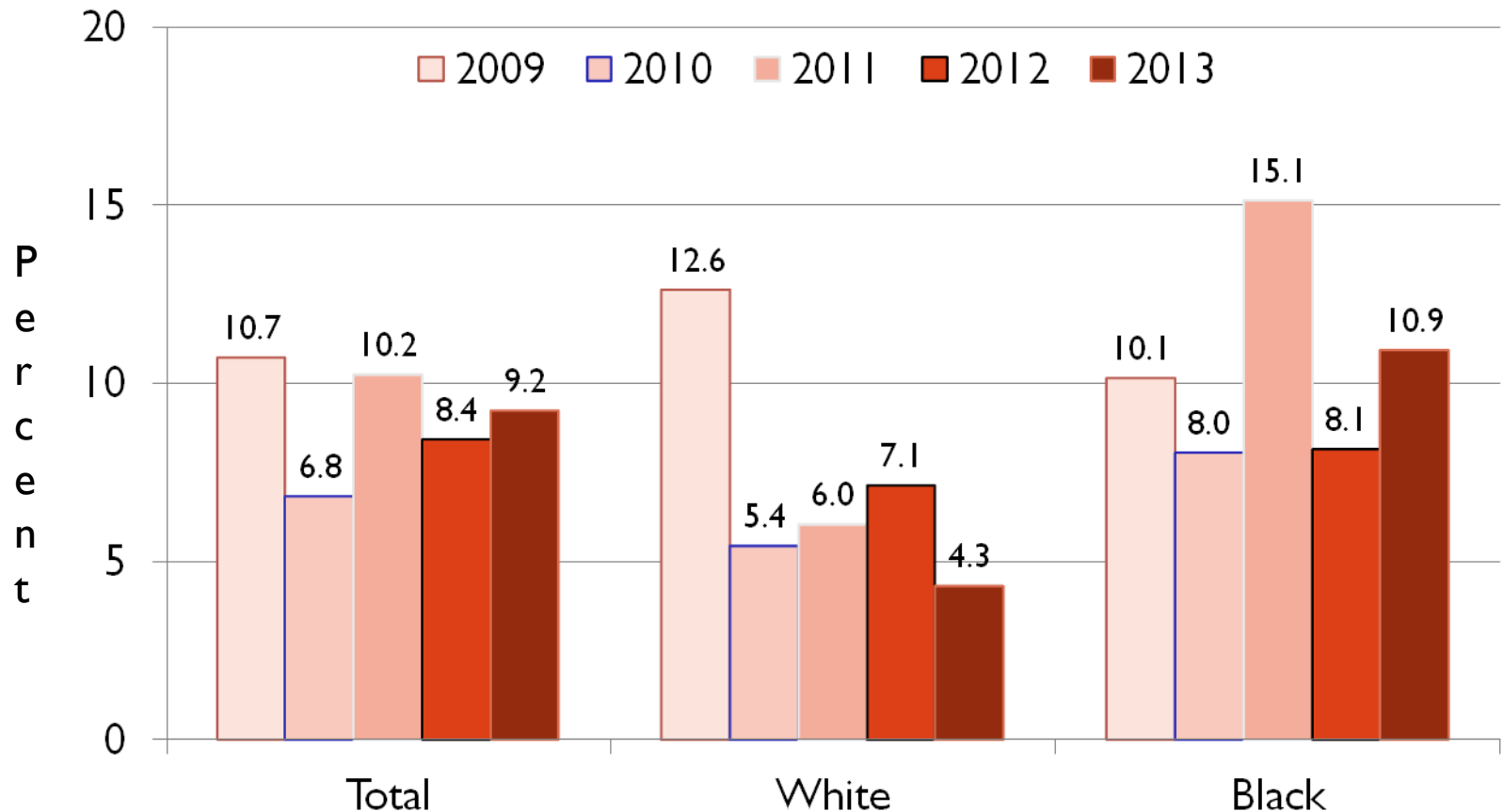
Adequate Prenatal Care Trends for SHS Participants, 2009-2013



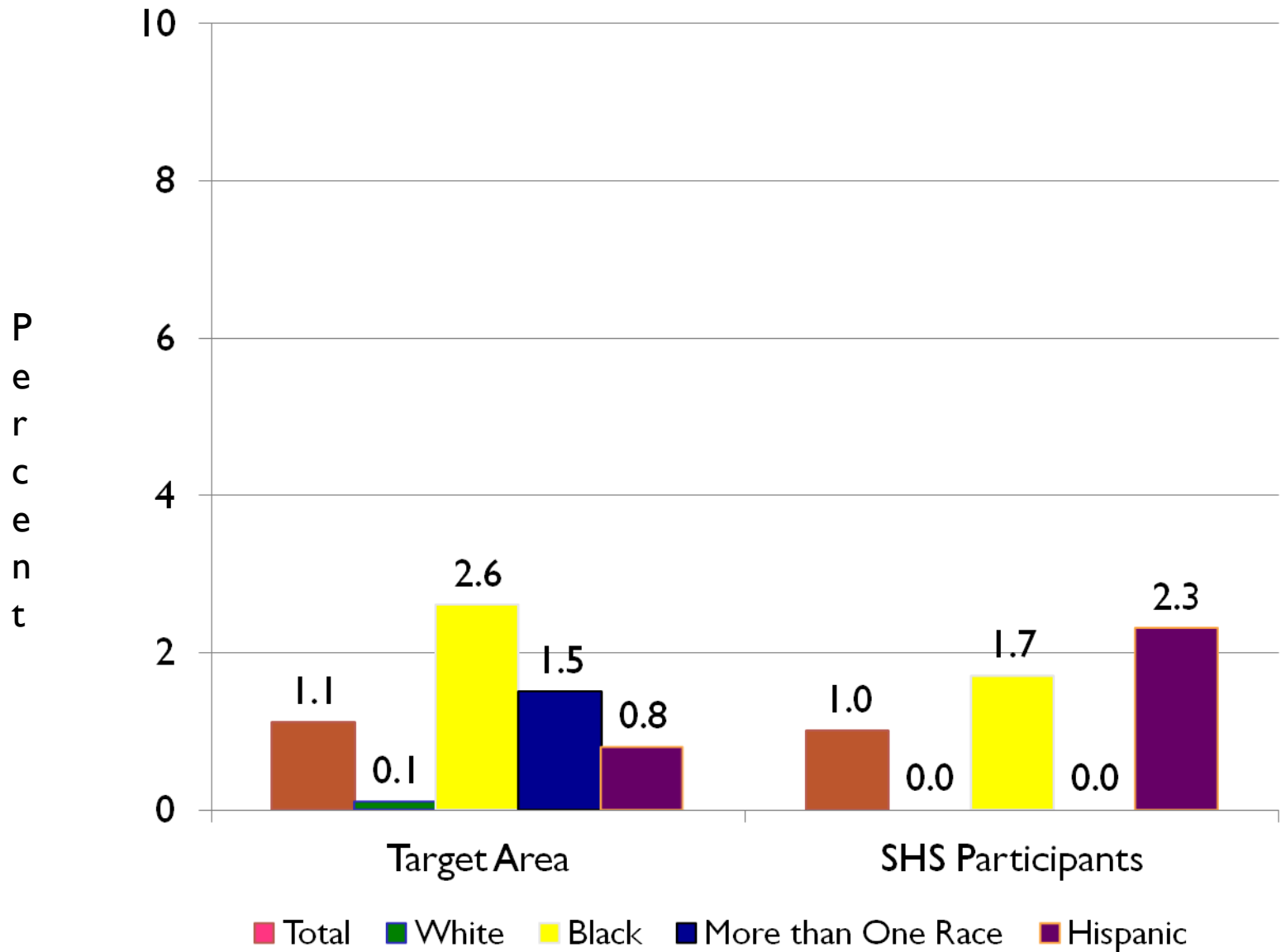
Low Birthweight (singletons) - 2013



LBW (singletons only) Trends for SHS Participants, 2009-2013

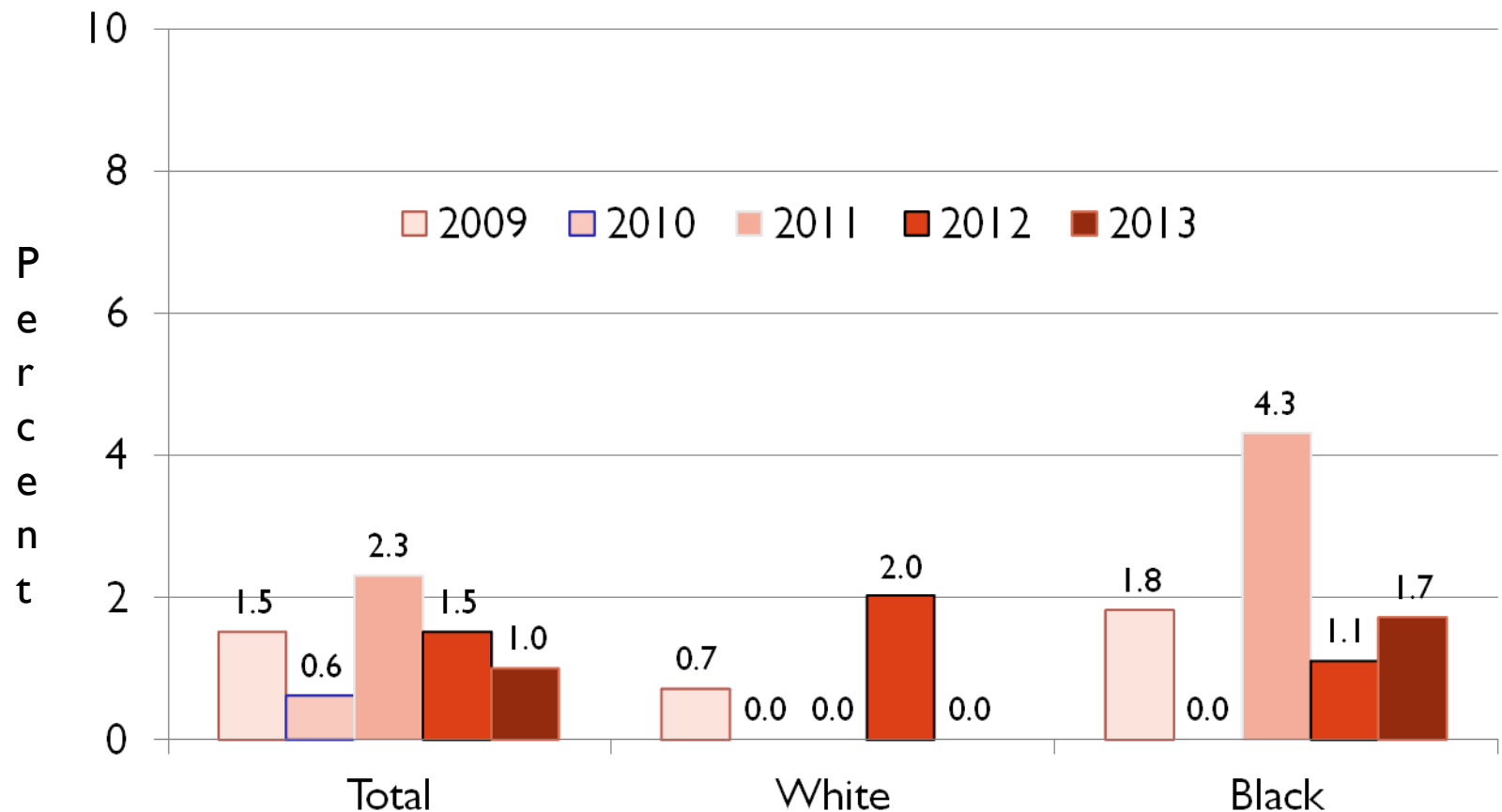


Very Low Birthweight (singletons) - 2013

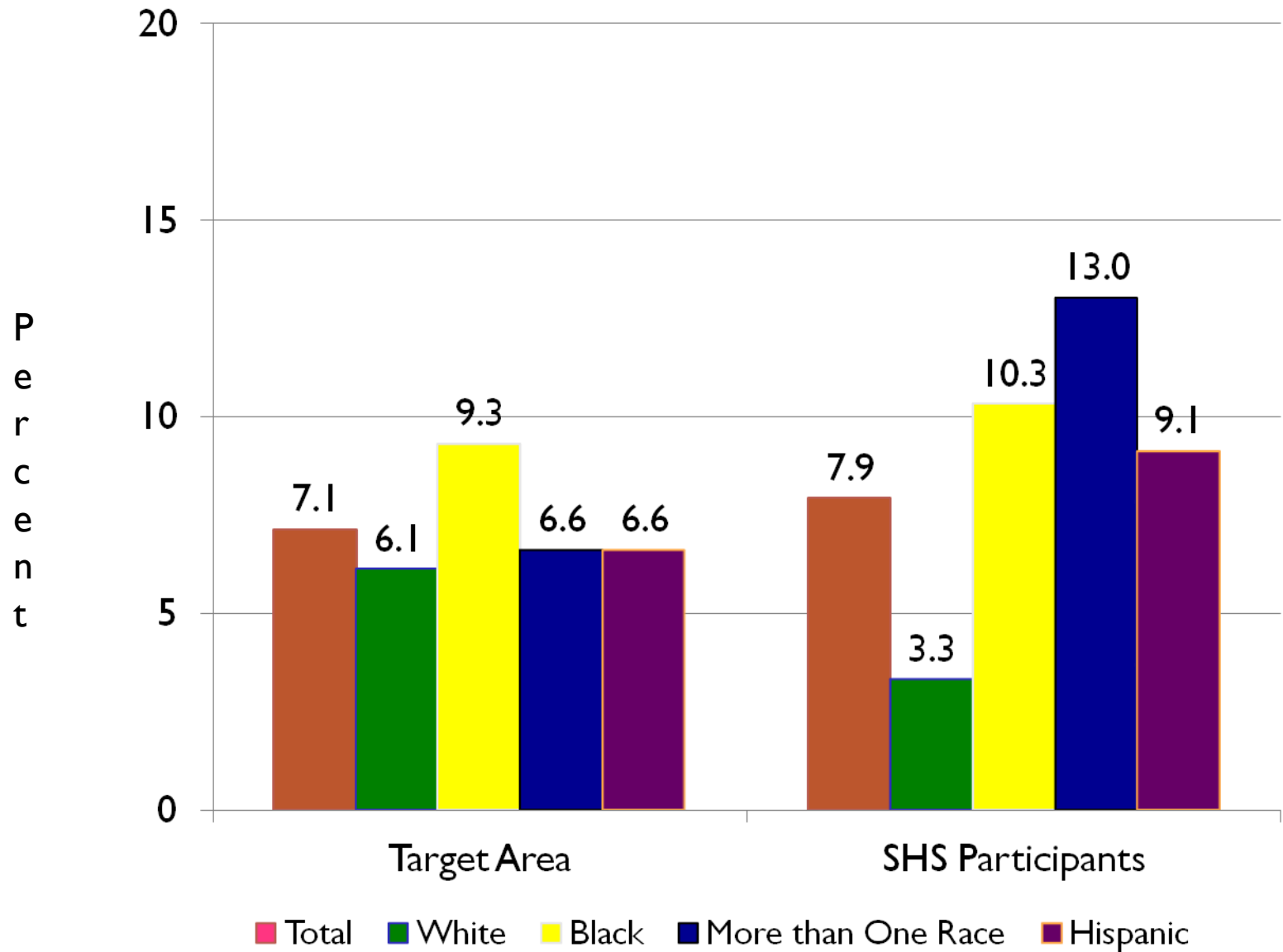


VLBW (singletons) Trends for Participants, 2009-2013

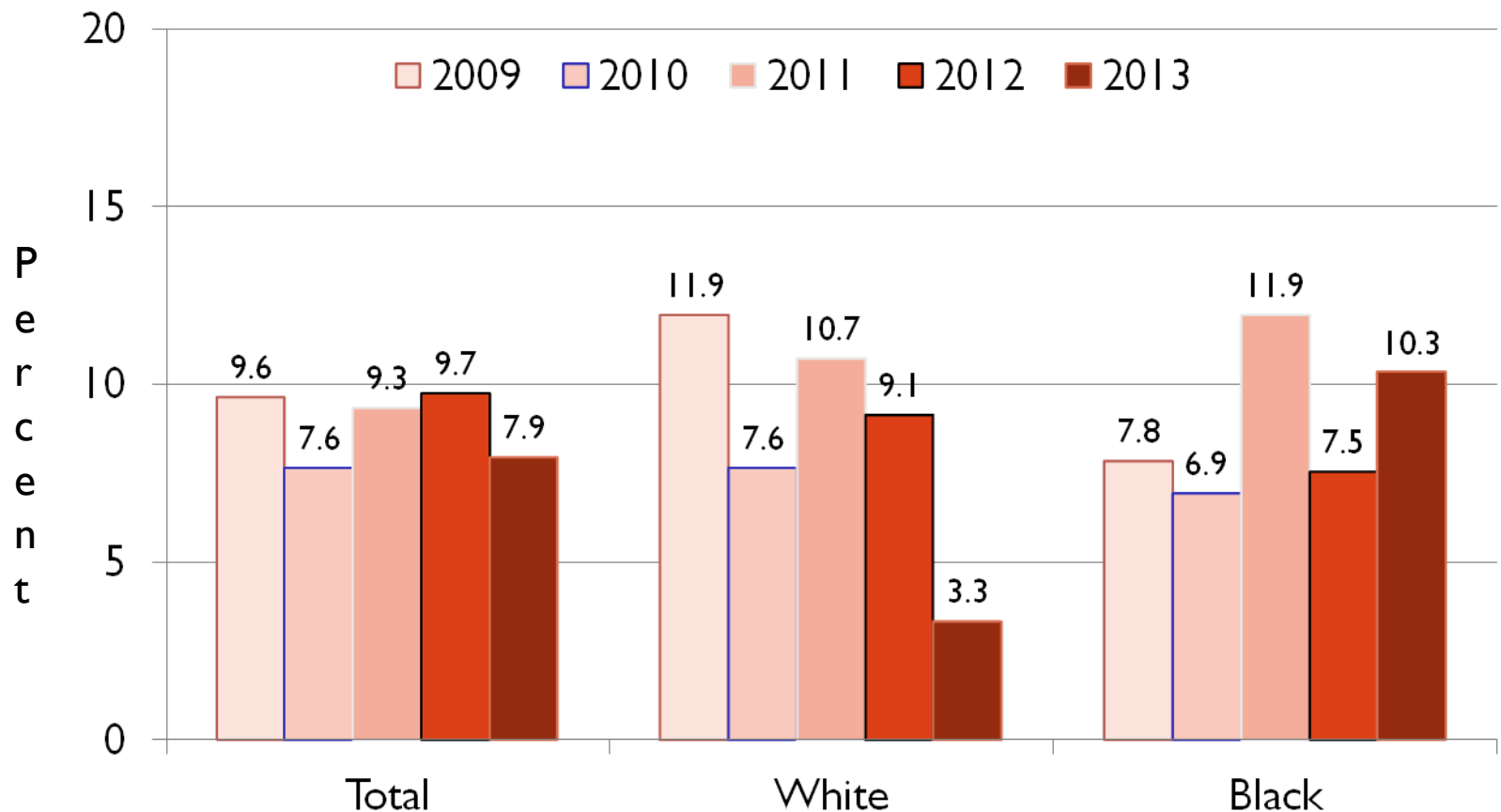
SHS



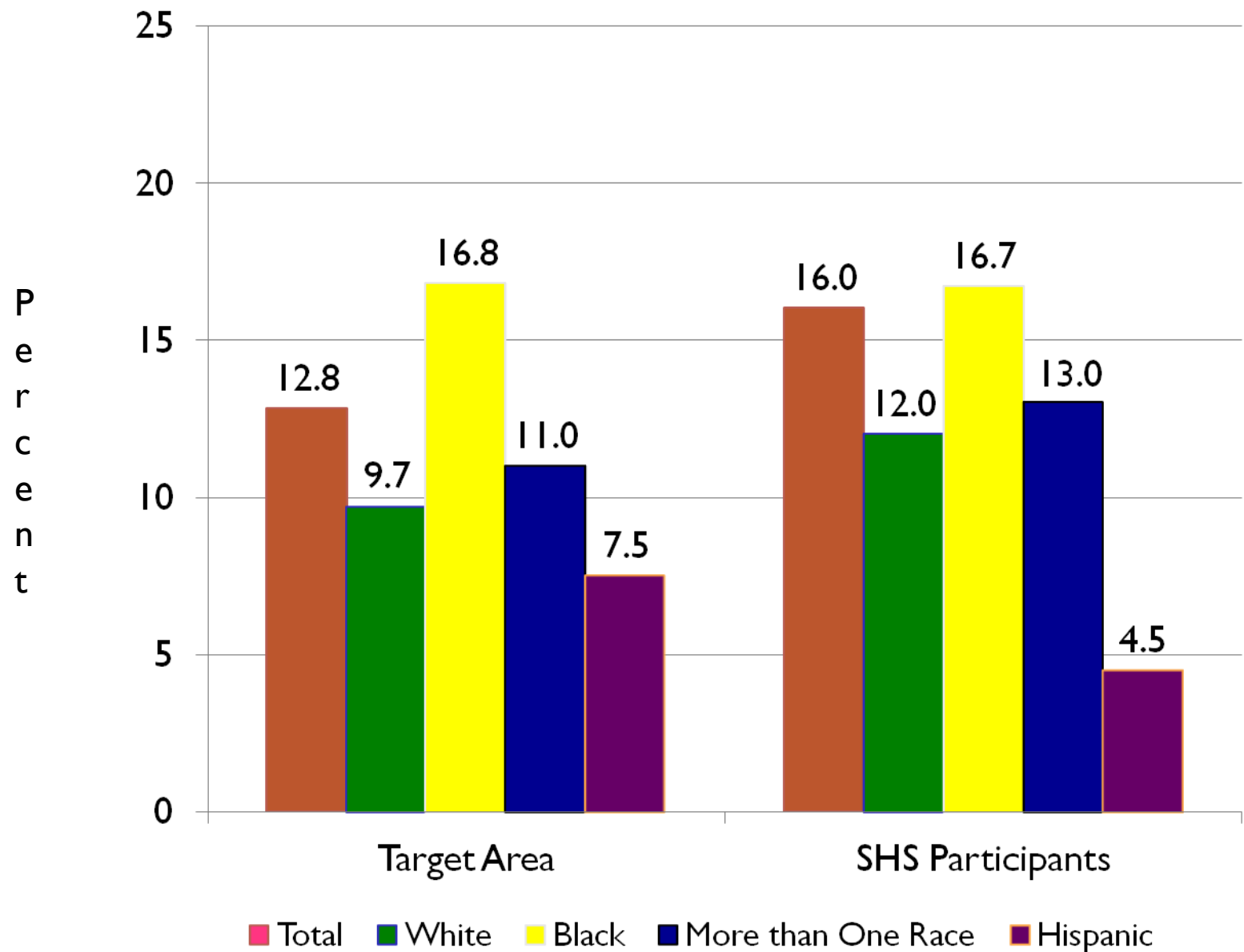
Preterm (singletons) - 2013



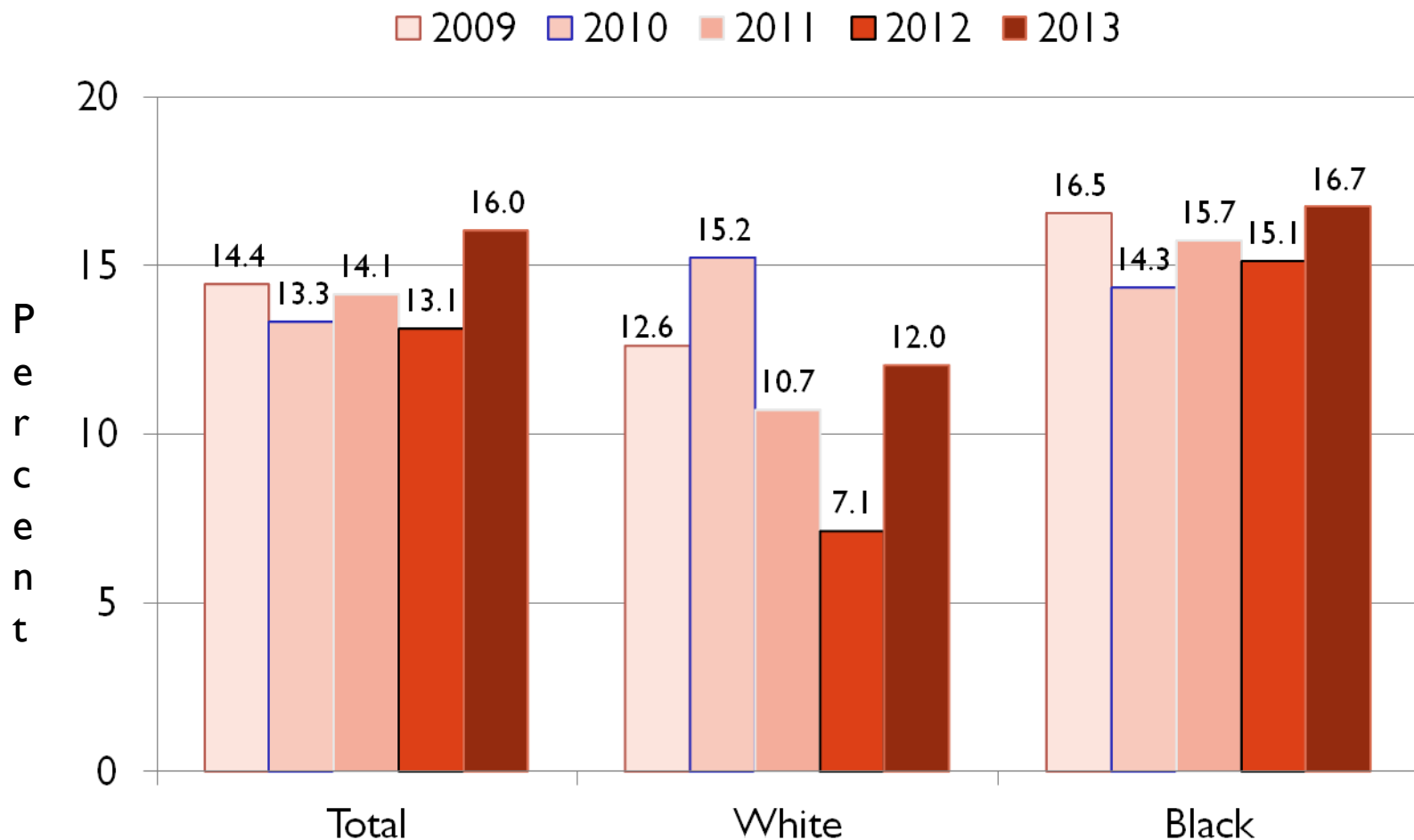
Preterm (singletons) Trends for SHS Participants, 2009-2013



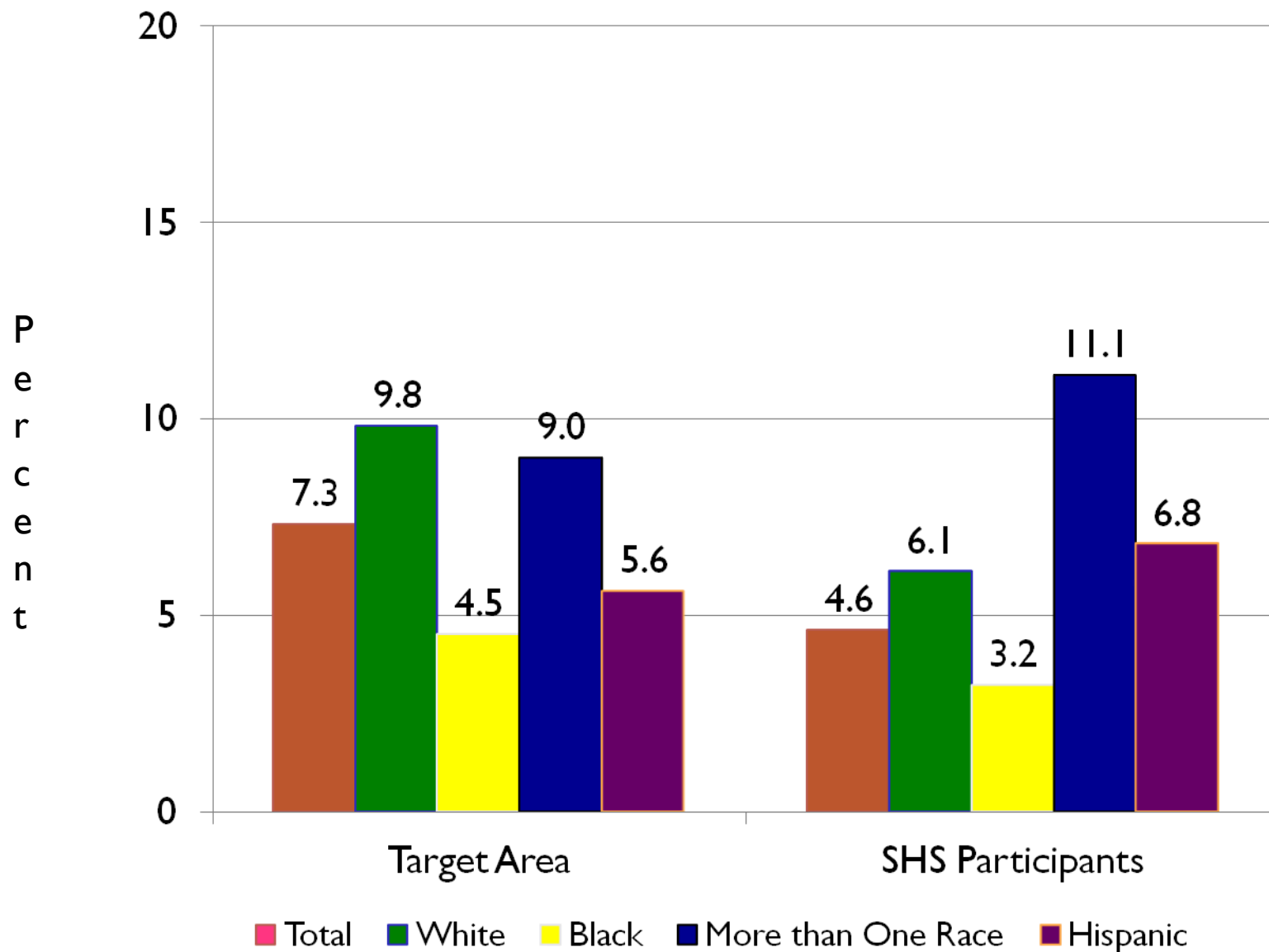
Small for Gestational Age (singletons) - 2013



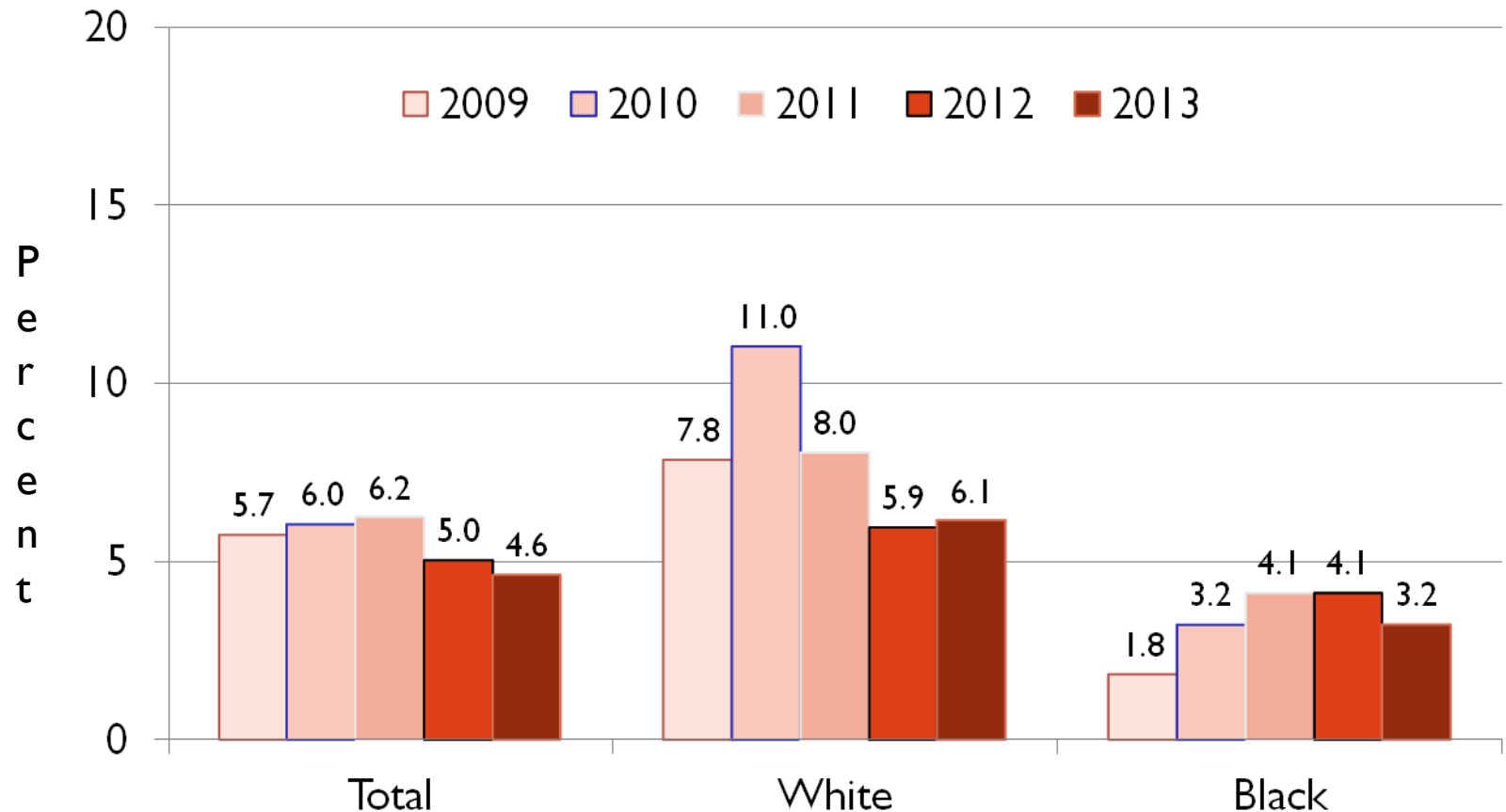
SGA (singletons) Trends for SHS Participants, 2009-2013



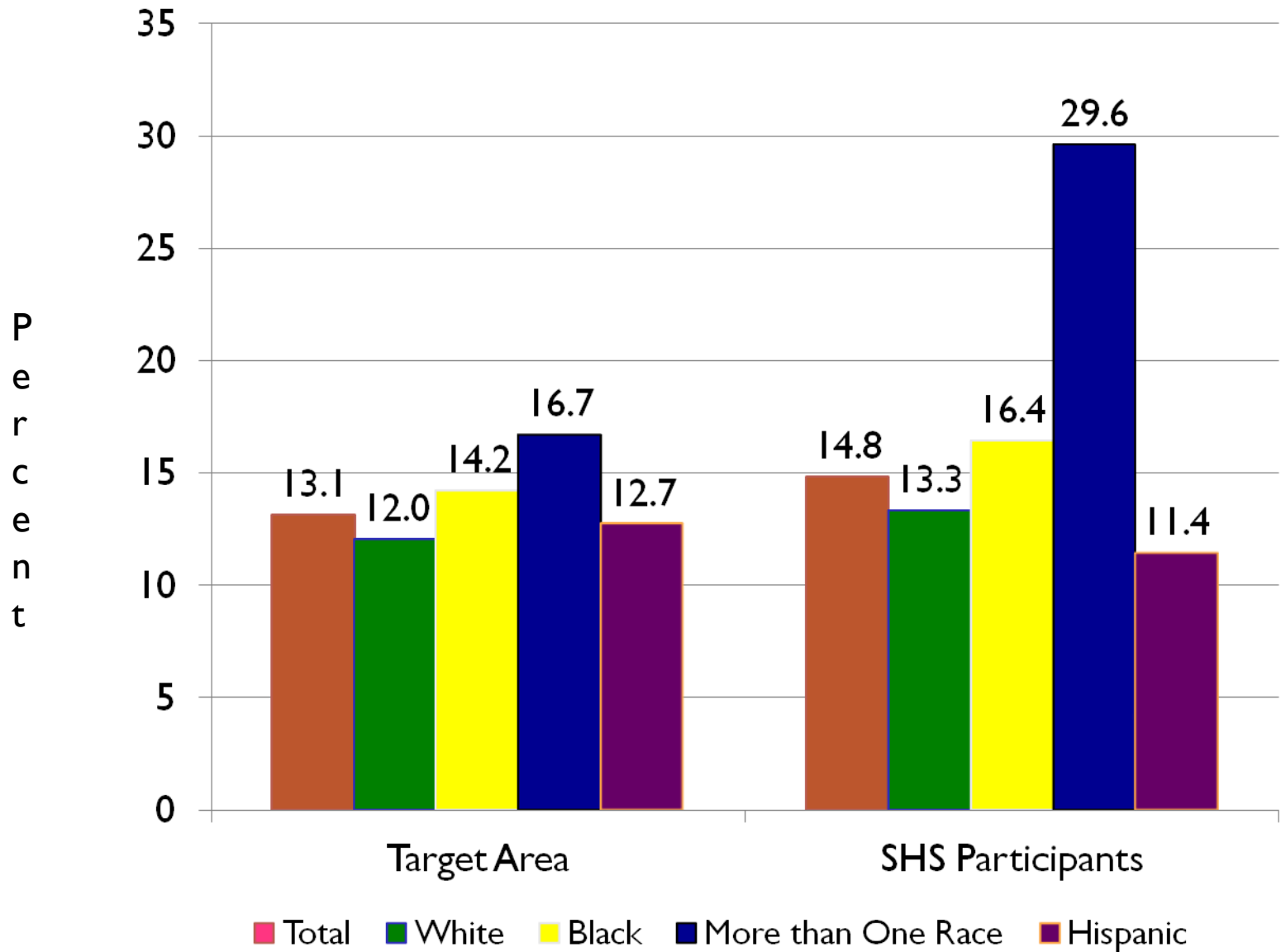
Large for Gestational Age - 2013



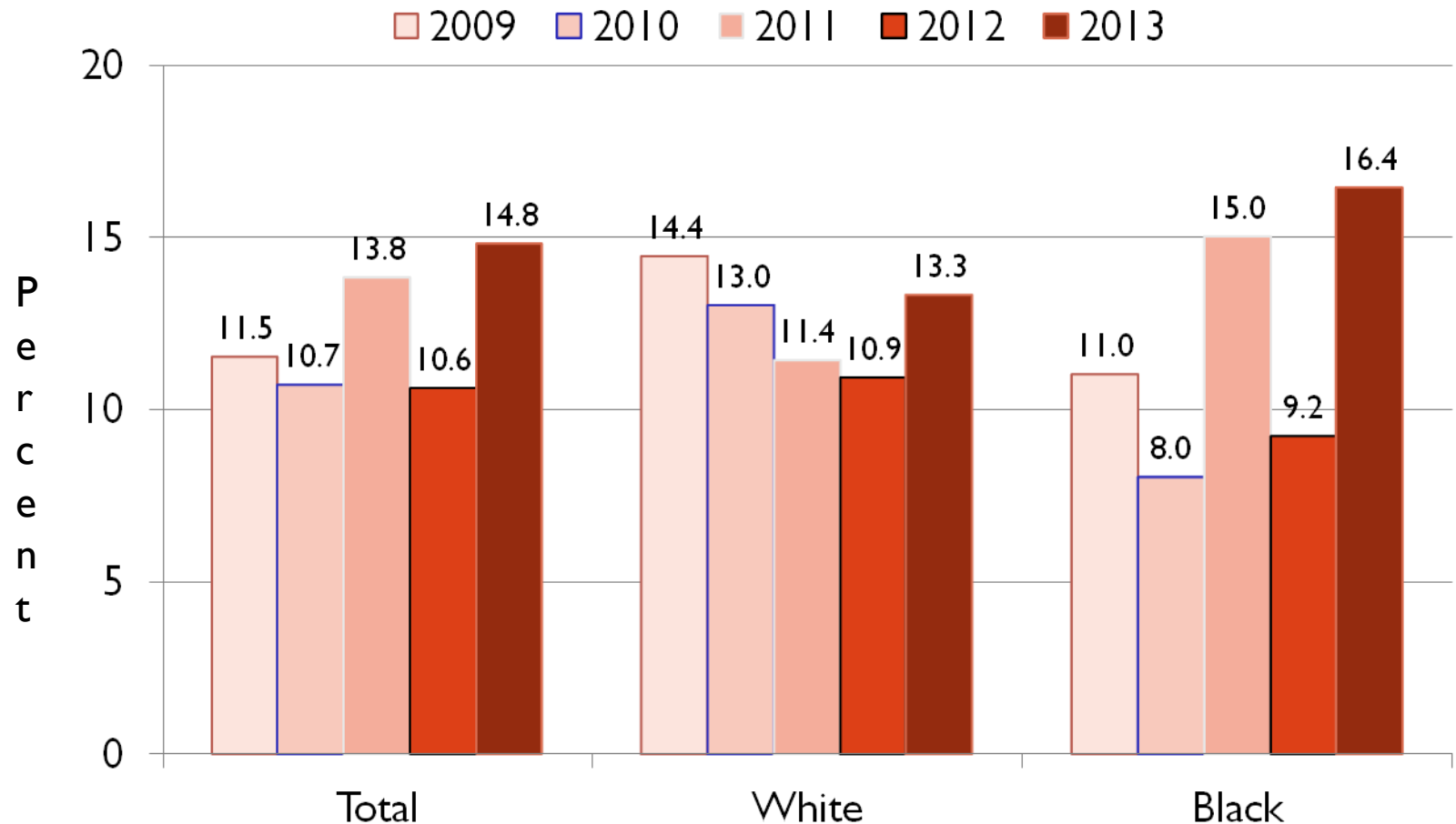
Large for Gestational Age Trends for SHS Participants, 2009-2013



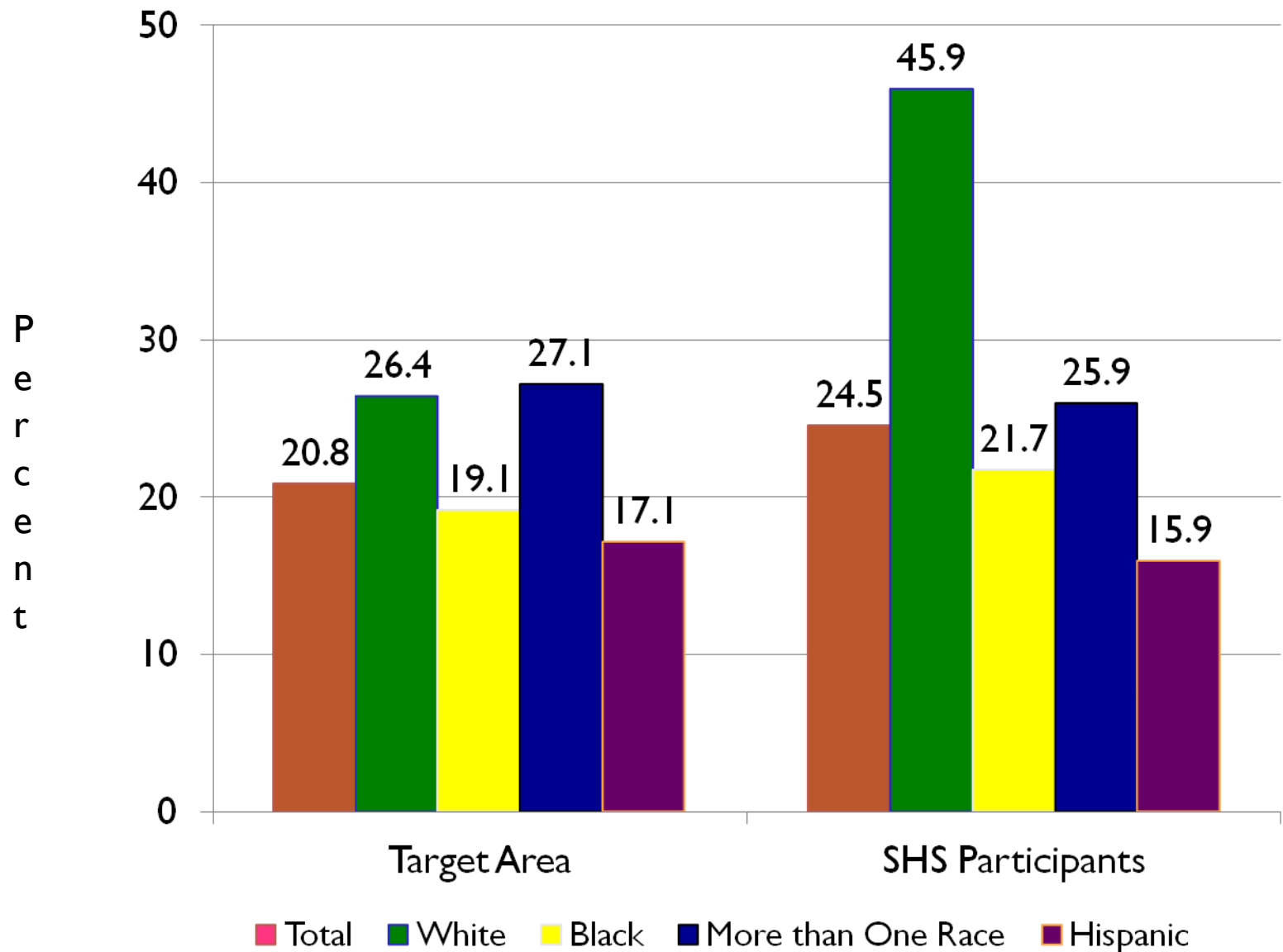
NICU Admissions - 2013



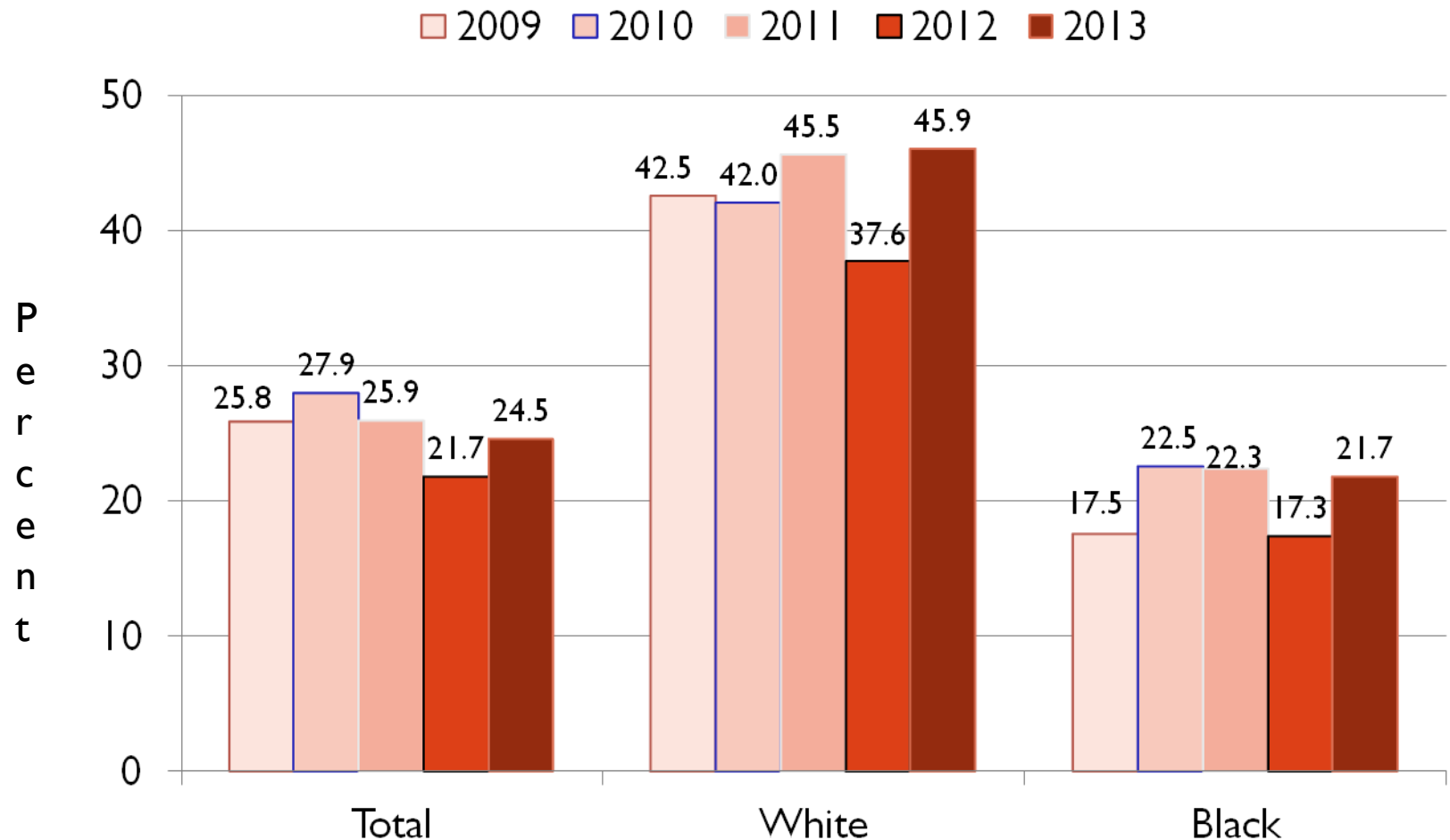
NICU Admission Trends for SHS Participants, 2009-2013



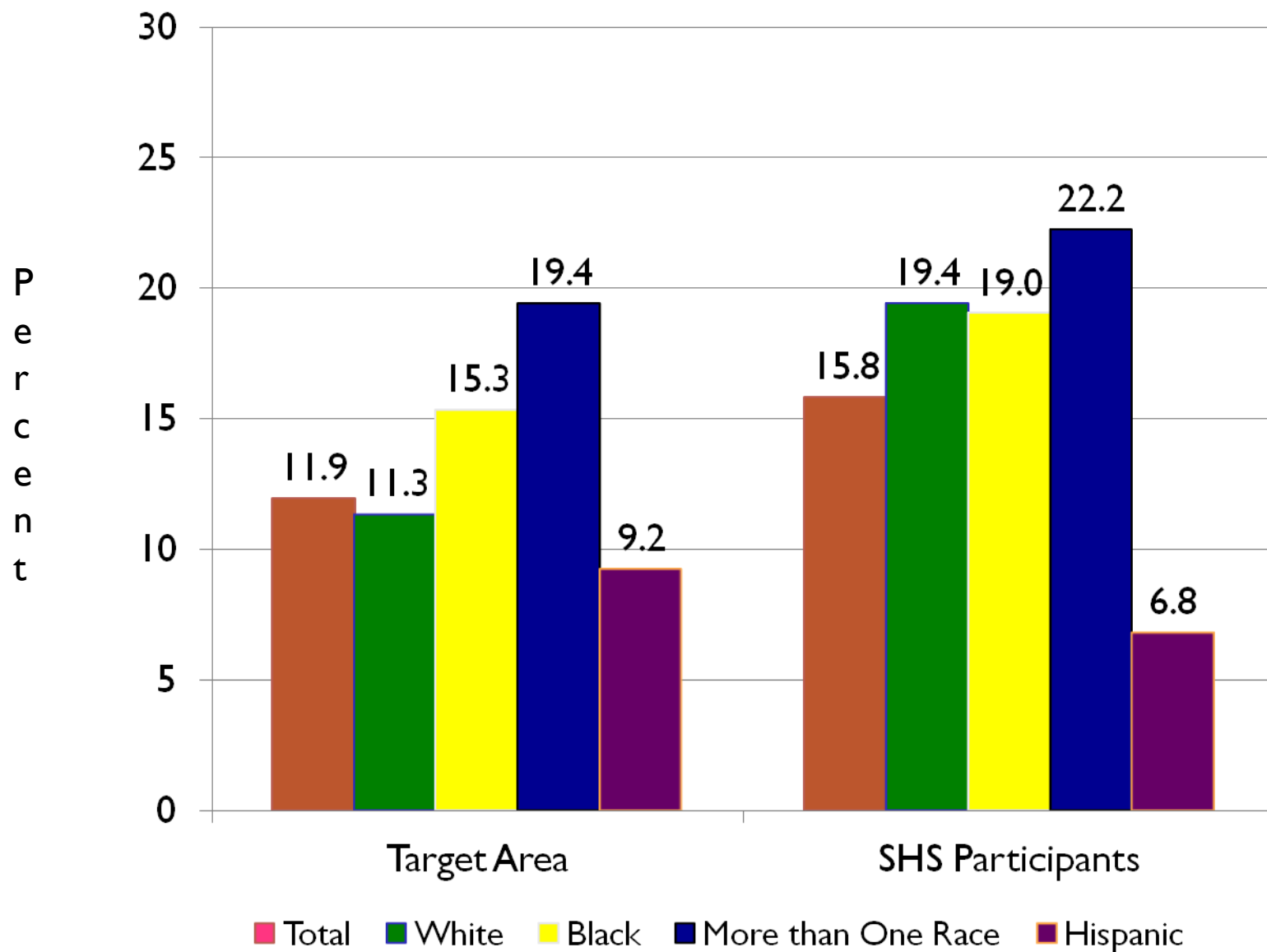
Smoking During Pregnancy - 2013



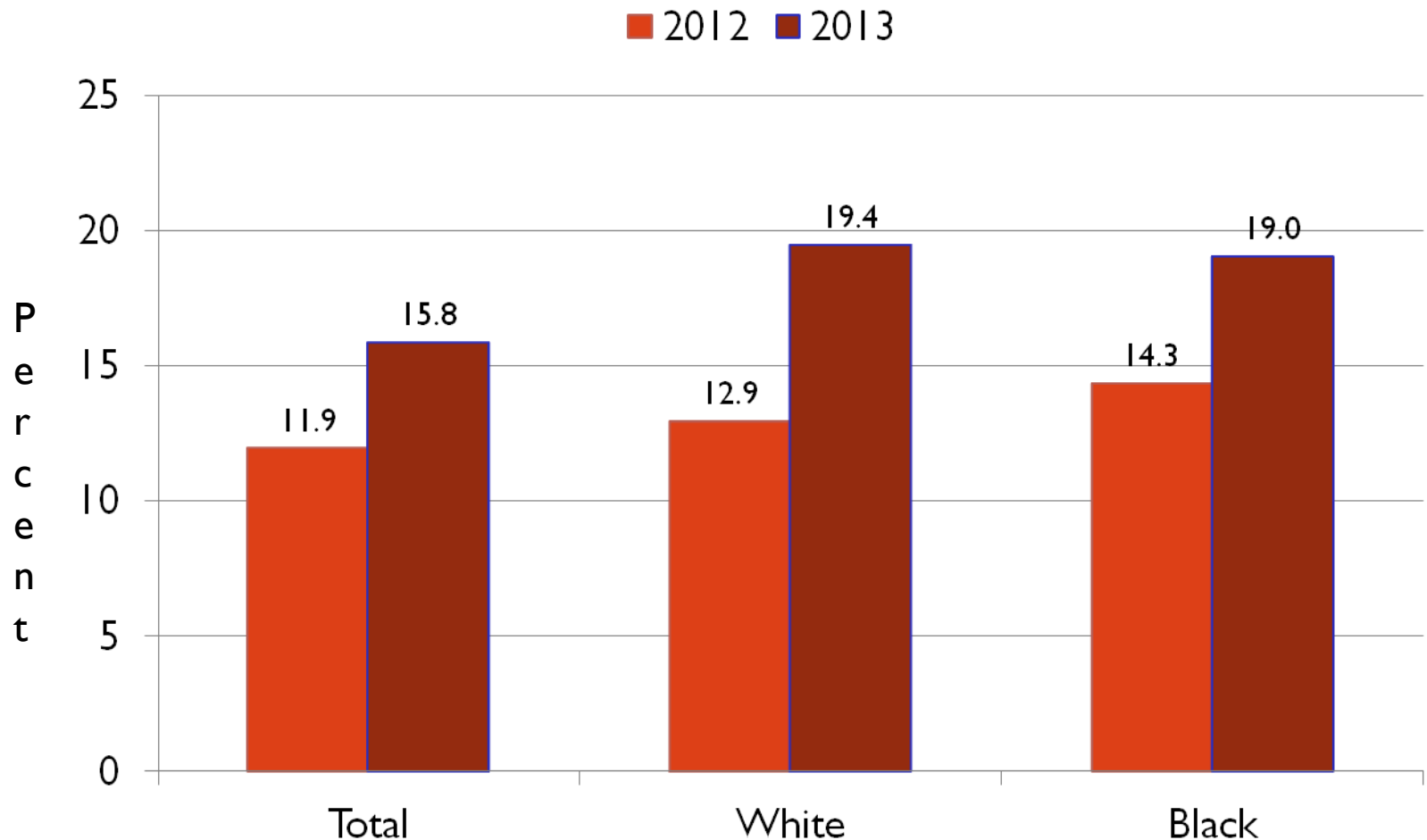
Smoking During Pregnancy Trends for SHS Participants, 2009-2013



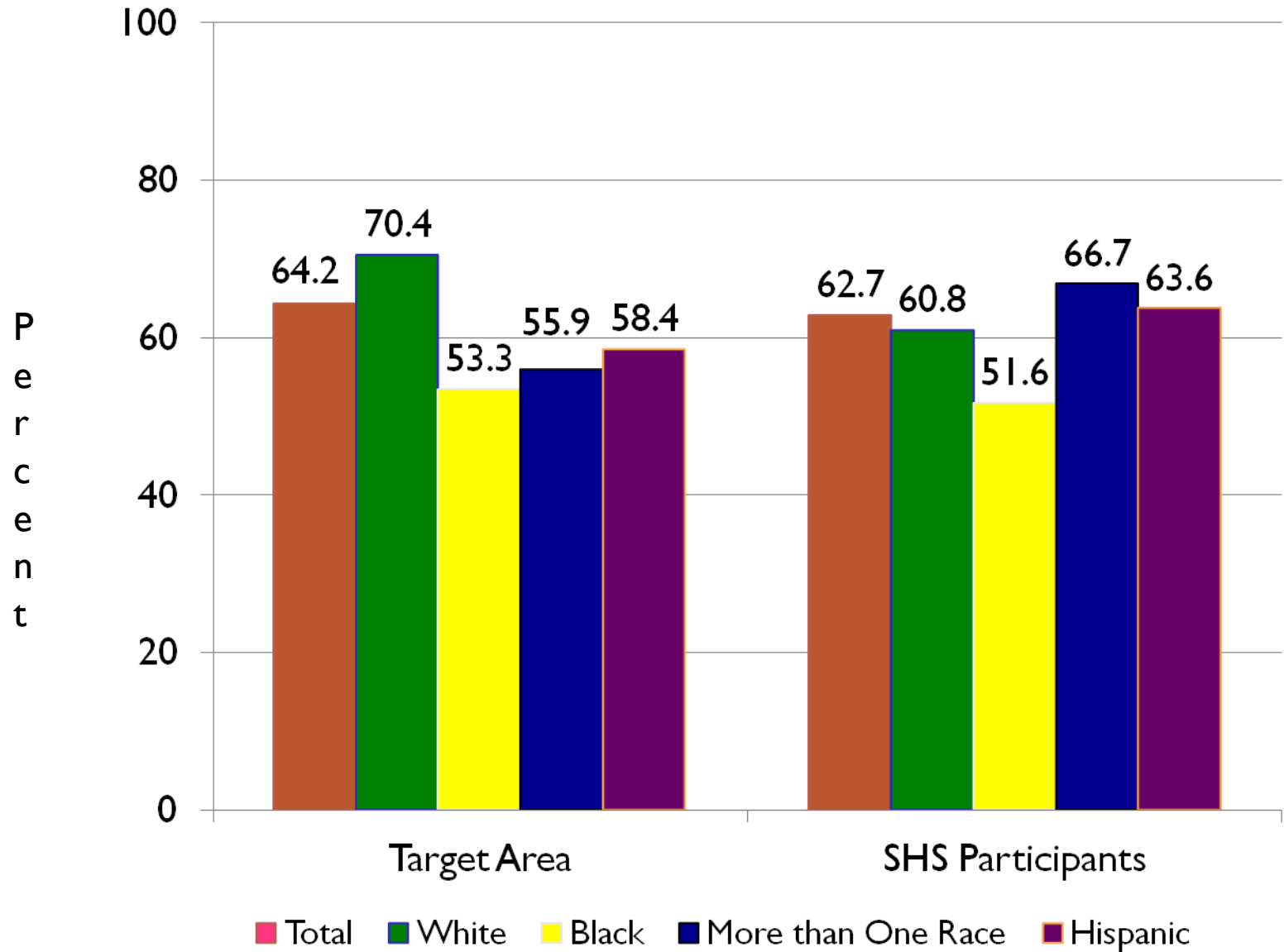
Illegal Drug Use During Pregnancy - 2013



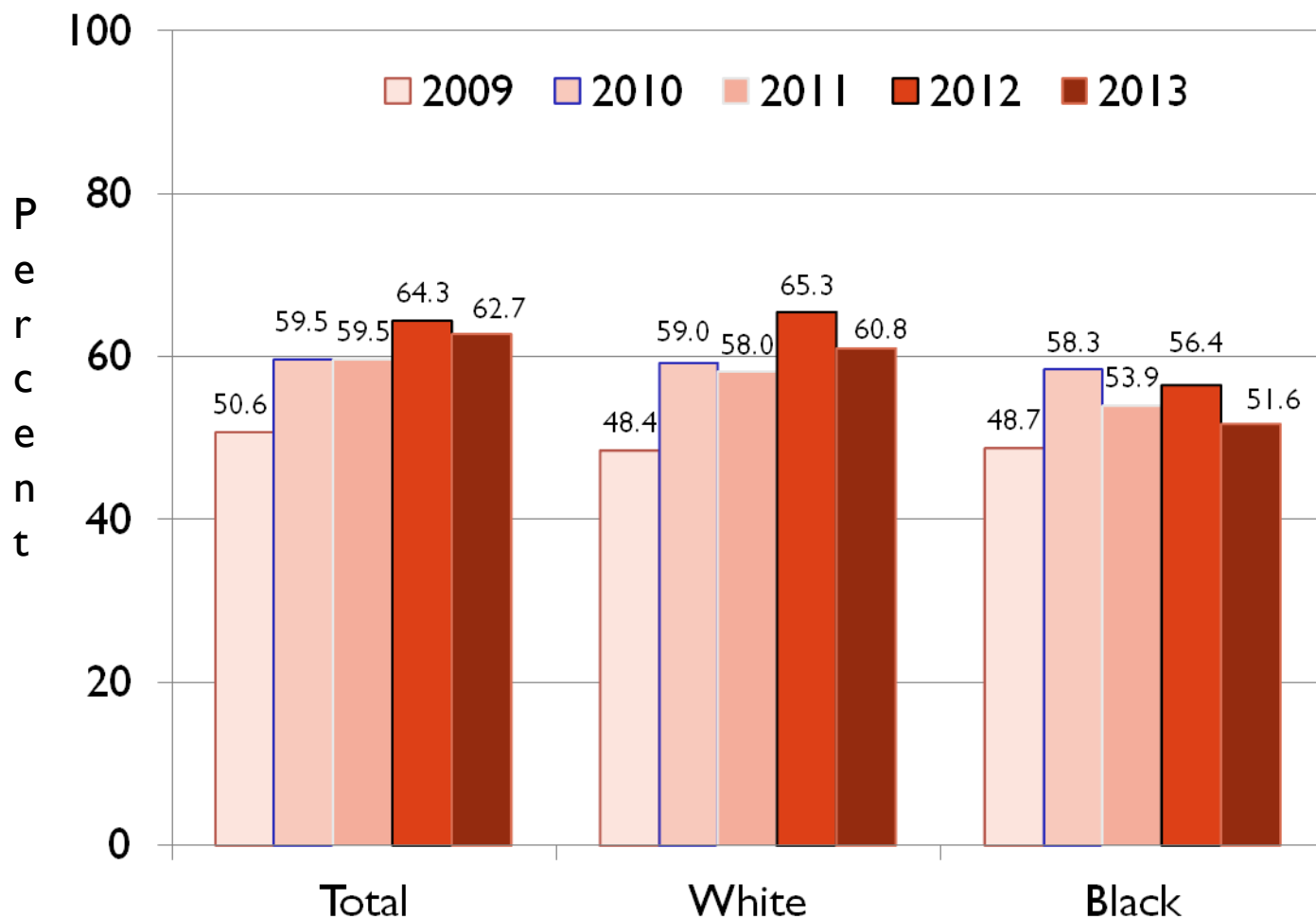
Illegal Drug Use Trends for SHS Participants, 2009-2013



Breastfeeding - 2013



Breastfeeding Trends for SHS Participants 2009-2013



Case Management Summary

- SHS participants who reported black or more than one race had
 - *Higher low birthweight rates*
 - *Higher preterm delivery rates*
 - *Higher rates of small for gestational age*
 - *Higher NICU admission rates*
- Rates for women who reported Hispanic ethnicity comparable to white rates

Case Management Summary

- Significant increase in smoking rates among SHS participants compared with last year
 - ***Very high smoking rates high among white SHS participants***
- Increasing rates of illegal drug use during pregnancy in target area and among SHS participants
 - ***May reflect actual drug use***
 - ***Related to local screening practices***
 - ***Increased awareness of substance abuse problem in our community***

Health Education

It takes only **seconds**
for a baby **to suffocate.**

Baby sleeps safest:

Alone, on his **B**ack, and in a **C**rib
Every time.



315-435-2000 | OnHealthyFamilies.com

Funding for Healthy Start is provided by Health Resources and Services Administration.



Health Education



- **87 group health education sessions**
- **Reached 569 community and SHS participants**

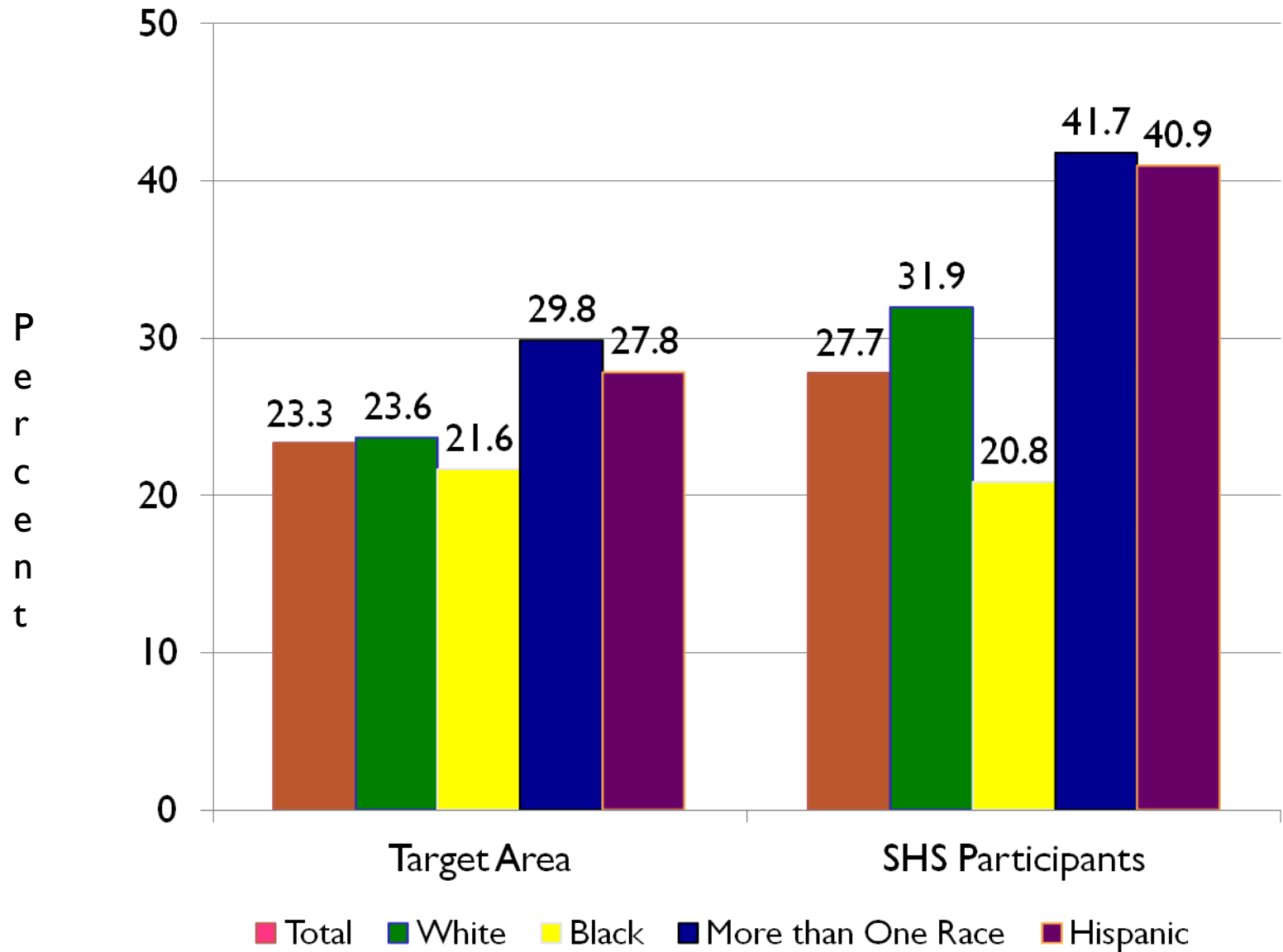
Key Topics

- Safe sleep for babies
- Shaken Baby Syndrome
- Nutrition
- Secondhand smoke
- Lead poisoning prevention
- Immunizations
- Birth spacing
- Family planning
- Home safety

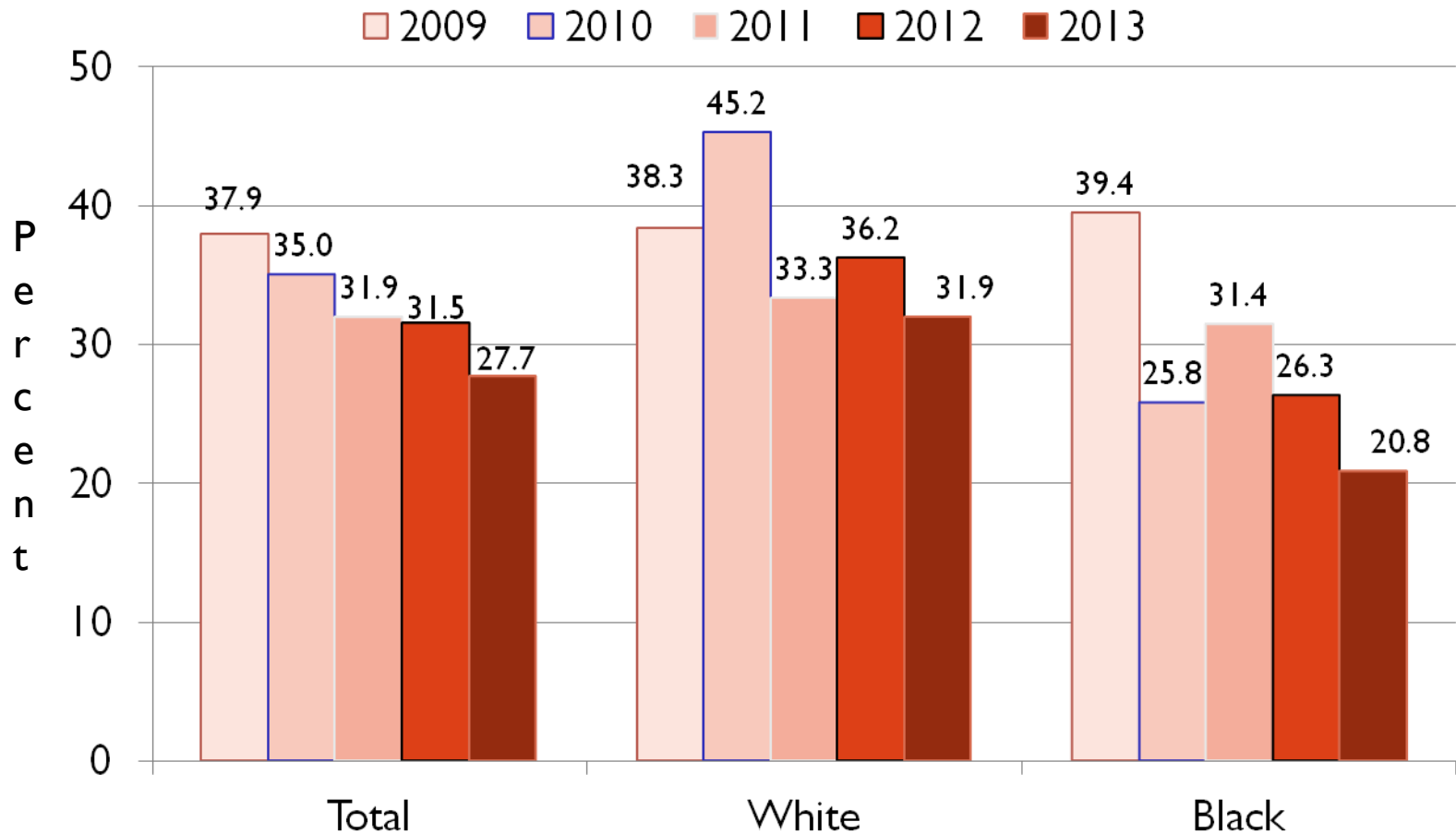
Interconceptional Care



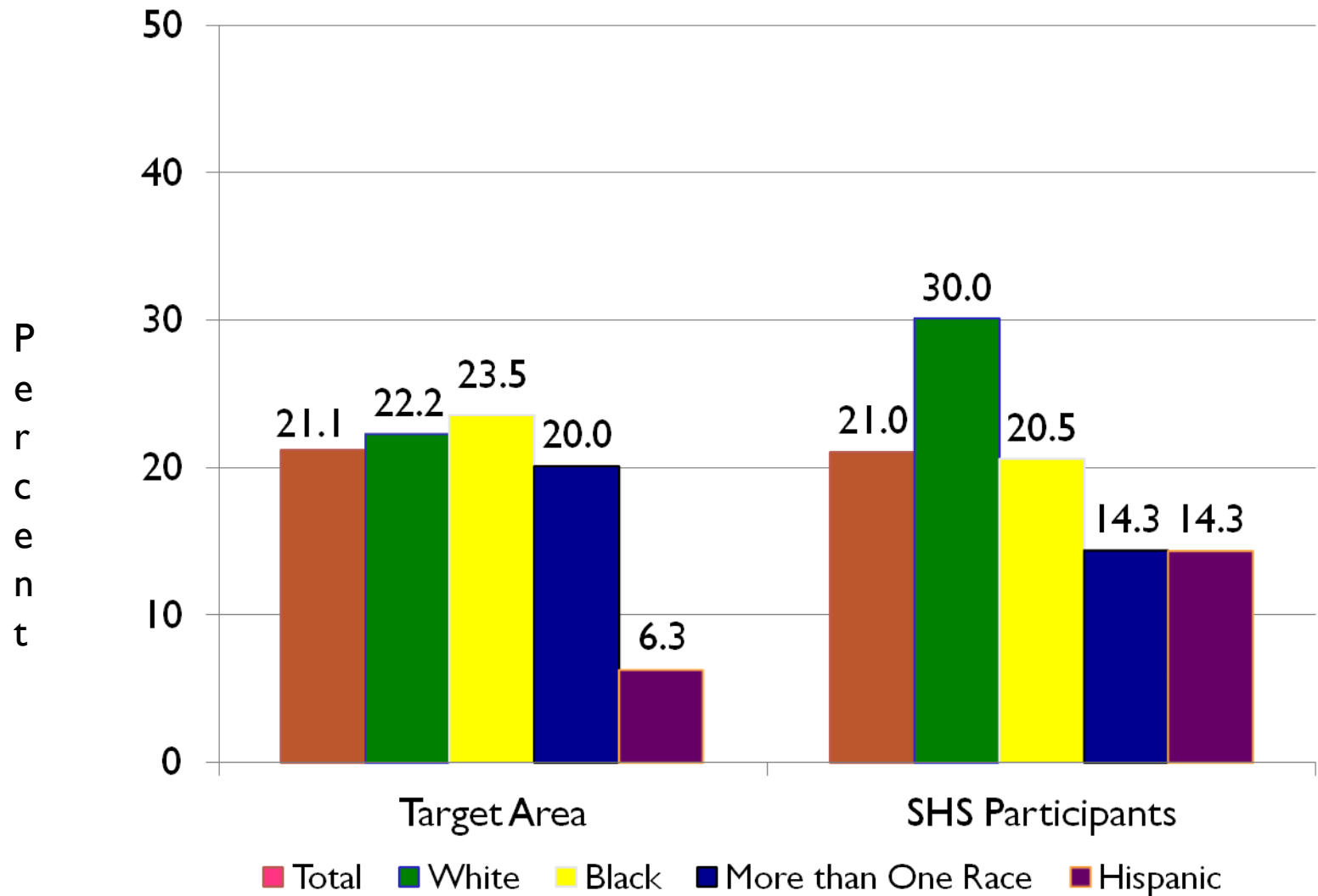
Spacing < 24 Months - 2013



Spacing < 24 Months Trends for SHS Participants, 2009-2013

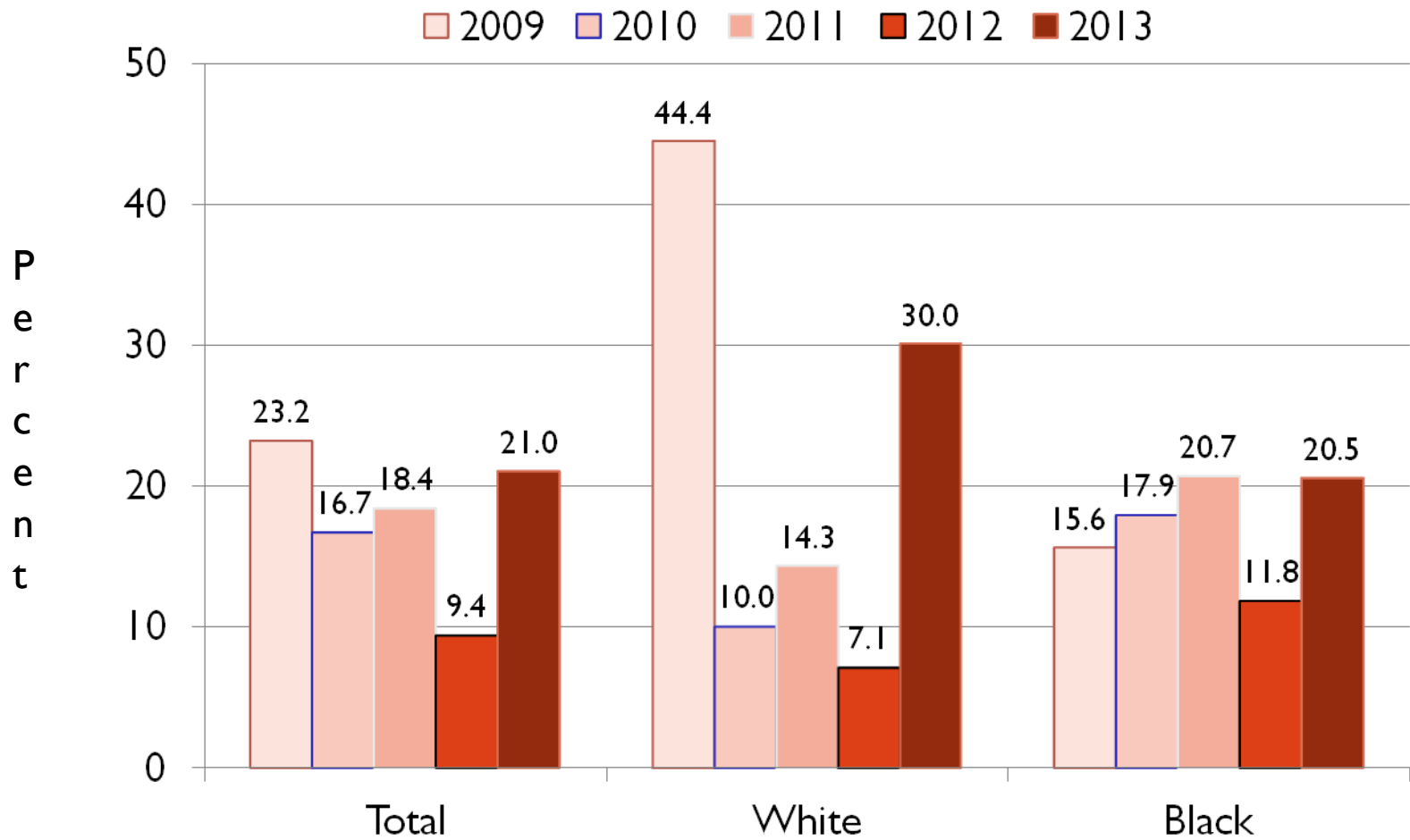


Repeat Teen Pregnancy - 2013



Large differences in percentages due to small numbers in the denominator.

Repeat Teen Pregnancy Trends for SHS Participants, 2009-2013



Large changes in percentages due to small numbers in the denominators.

More Interconceptional Care Indicators

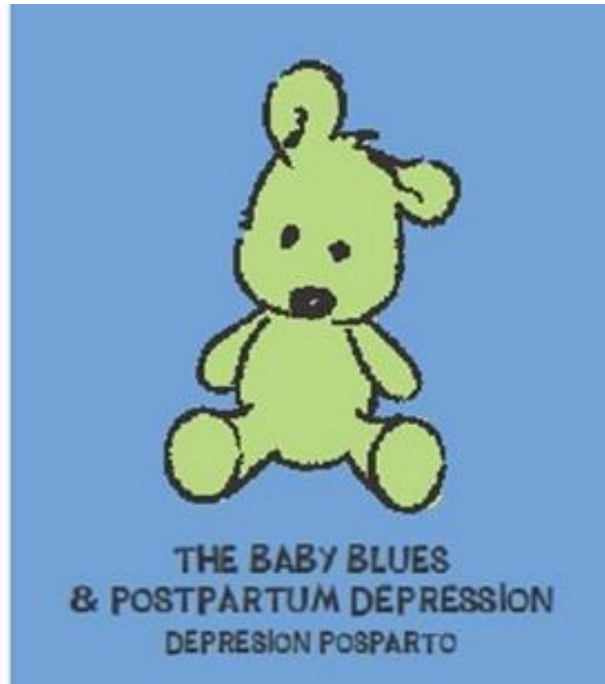
- Unintended pregnancy
 - 45% of women served by SHS reported unintended pregnancies
 - *Unintended pregnancies are either mistimed or unwanted at time of conception*
- Usual source of care
 - 86% of women served by SHS reported a medical home for their primary care




Interconceptional Care Summary

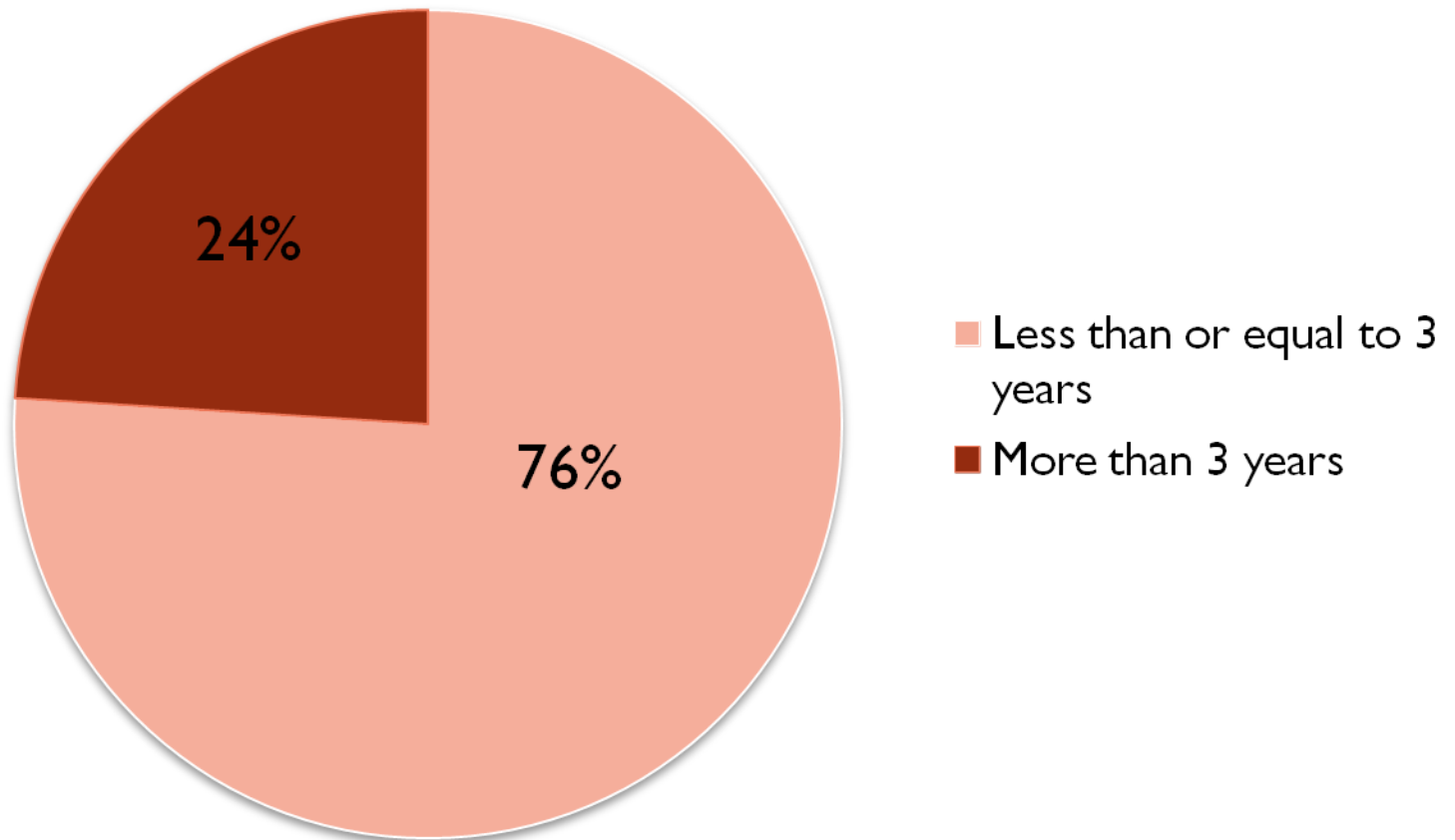
- A higher proportion of SHS participants had less than the optimal spacing between pregnancies, when compared with the target area
 - Exception is rates for black women with SHS participants having similar rates to women in the target area
- Large variation in repeat teen pregnancy rates is due to small numbers of teens with repeat pregnancies
- High proportion of SHS participants reported an unintended pregnancy

Depression Screening and Referral



- 
- In 2013, the SHS Perinatal Depression clinic received **28 referrals from SHS**
 - **40% increase in referrals** from previous year
 - 16 became patients and received services
 - 1 patient was pending her appointment
 - 11 didn't complete intake packet and/or didn't show up for appointment
 - Total of 25 SHS clients received services from the depression clinic


Length of Time Receiving Services in SHS Depression Clinic



Consortium



- 
- Consortium is now the **Community Action Network (CAN)**
 - ***Community – driven***
 - Consortium of stakeholders including **consumers**, community agencies, faith-based organizations, health and human service providers
 - Executive Council steers Healthy Start
 - Subcommittees meet on regular basis
 - Mental Health, Breastfeeding Connections, Perinatal Substance Abuse

- 
- Family Events
 - Annual Breakfast at the Zoo
 - Syracuse Stroll
 - Expanded Community Programs
 - Safe Sleep Champion Churches
 - Fatherhood Initiative
 - Monday Mile
 - Breastfeeding Café
 - Real Moms of Syracuse

Syracuse Healthy Start and You at the Zoo!

Please join us for
Syracuse Healthy Start's
Annual Breakfast at
Rosamond Gifford Zoo!



**Thursday, May 9, 2013
8:30 a.m. – 10:00 a.m.**

*Substance abuse during pregnancy:
Do we have a problem in our community?*



Free zoo
admission for
participants!

**Call 424-0009 x106
to sign up
by May 2nd!**

*Transportation and childcare will be available for those families that live in the City of Syracuse and have children under the age of two.

Join us for the 3rd annual **SYRACUSE STROLL**

September 21, 2013 | 10:30 a.m.

BABY BUGGY WALK IN THE PARK

Fitness, family, fun.

A FREE event for families! Highlights:

- 10:30 – Sign-in at Dunbar Center, 1453 S State St., decorate strollers
- 11:00 – Family Fitness Walk to Kirk Park
- Noon-3:00: Health and fitness fair at Kirk Park
- Music, food, face painting, and more!

Transportation available for families with a child under 2 that live in the City of Syracuse.

Call 424-0009 x106 by Sept. 17 for more info or to sign up for transportation.



A National Infant Mortality Awareness Month Event

For more information contact Selina Lazarus at sleazarus@reachny.org



Community Plan

REACH CNY



100
BLACK MEN
OF SYRACUSE INC.



Funding for Healthy Start is provided by Health Resources and Services Administration



Real Moms of Syracuse



A Syracuse Healthy Start Meet Up



Join us every month!

- * Wednesday, May 21st at 1:00 p.m.
- * Wednesday, June 11th at 1:00 p.m.
- * Wednesday, July 2nd at 1:00 p.m.
- * Wednesday, August 20th at 1:00 p.m.

Southwest Community Center
Power Room

401 South Avenue, Syracuse NY

For more information or for help with transportation,
call 424-0009 x106



facebook.com/healthyfamiliesonondaga




@SYRHealthyStart





Recommendations



- 
- Birth outcomes are associated with many interrelated risk factors, some of which may need to be addressed prior to the woman becoming pregnant.
 - ***Employ life course perspective***
 - Focus on preconception and interconception periods
 - ***Involvement of fathers***
 - Fatherhood Initiative
 - ***Compare participants with non-participants based on risk score that incorporates medical and socioeconomic risk***
 - Risk score developed and will be used in future analyses
 - ***Strengthen family support***
 - Doula training