

Milwaukee Promise 2017 Performance Metrics Public Health

Report to the Finance and Personnel Committee
Presented by Budget and Management Division
September 20, 2017

OUTLINE

I. Local and National Trends

- Birth Outcomes
- Teen Pregnancy
- Sexually Transmitted Infections/HIV
- Childhood Lead Poisoning

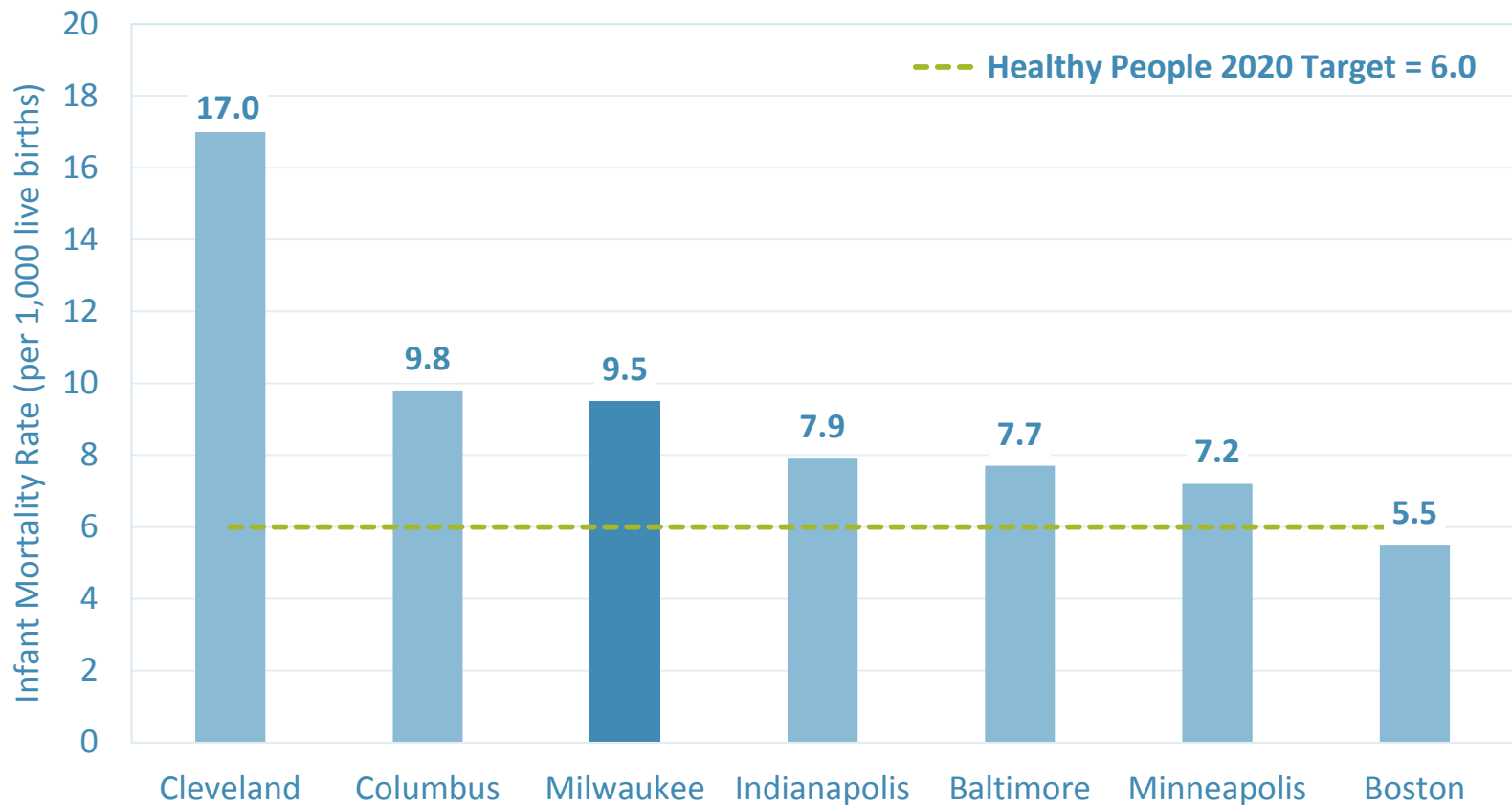
II. City Strategies

- Home Visitation Programs
- Sexually Transmitted Disease Prevention
- Childhood Lead Poisoning Prevention
- Violence Prevention

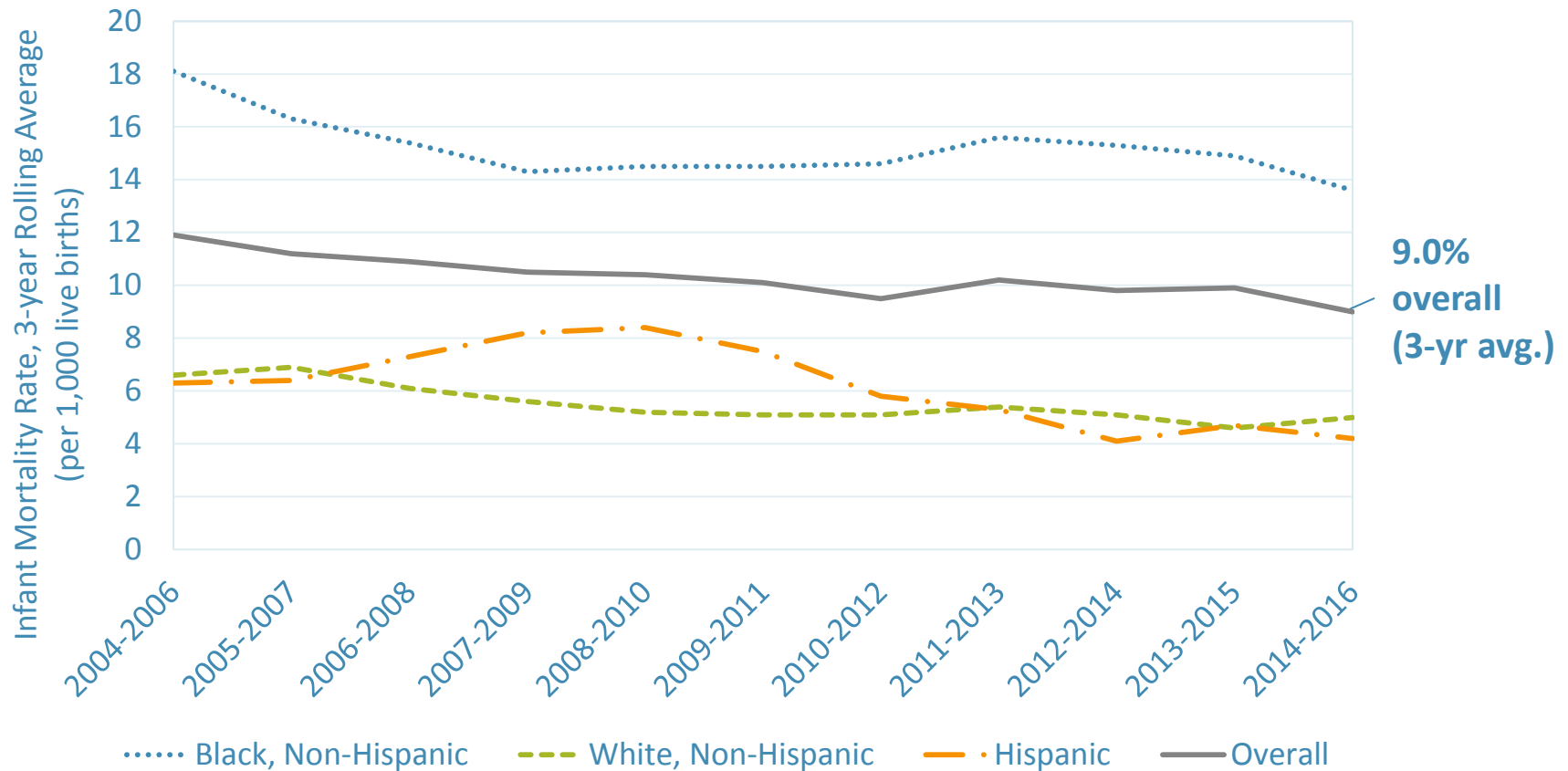
OVERVIEW

- The city's overall infant mortality rate has been declining, but significant racial disparities continue to exist.
- Racial disparities also continue for birth outcomes such as preterm births and low birthweight births.
- Teen pregnancy rates have decreased considerably in recent years overall and across racial and ethnic groups.
- Milwaukee's rates of chlamydia and gonorrhea remain high compared to other cities.
- The city's childhood lead poisoning rate continues to decrease, but remains higher than the national rate.

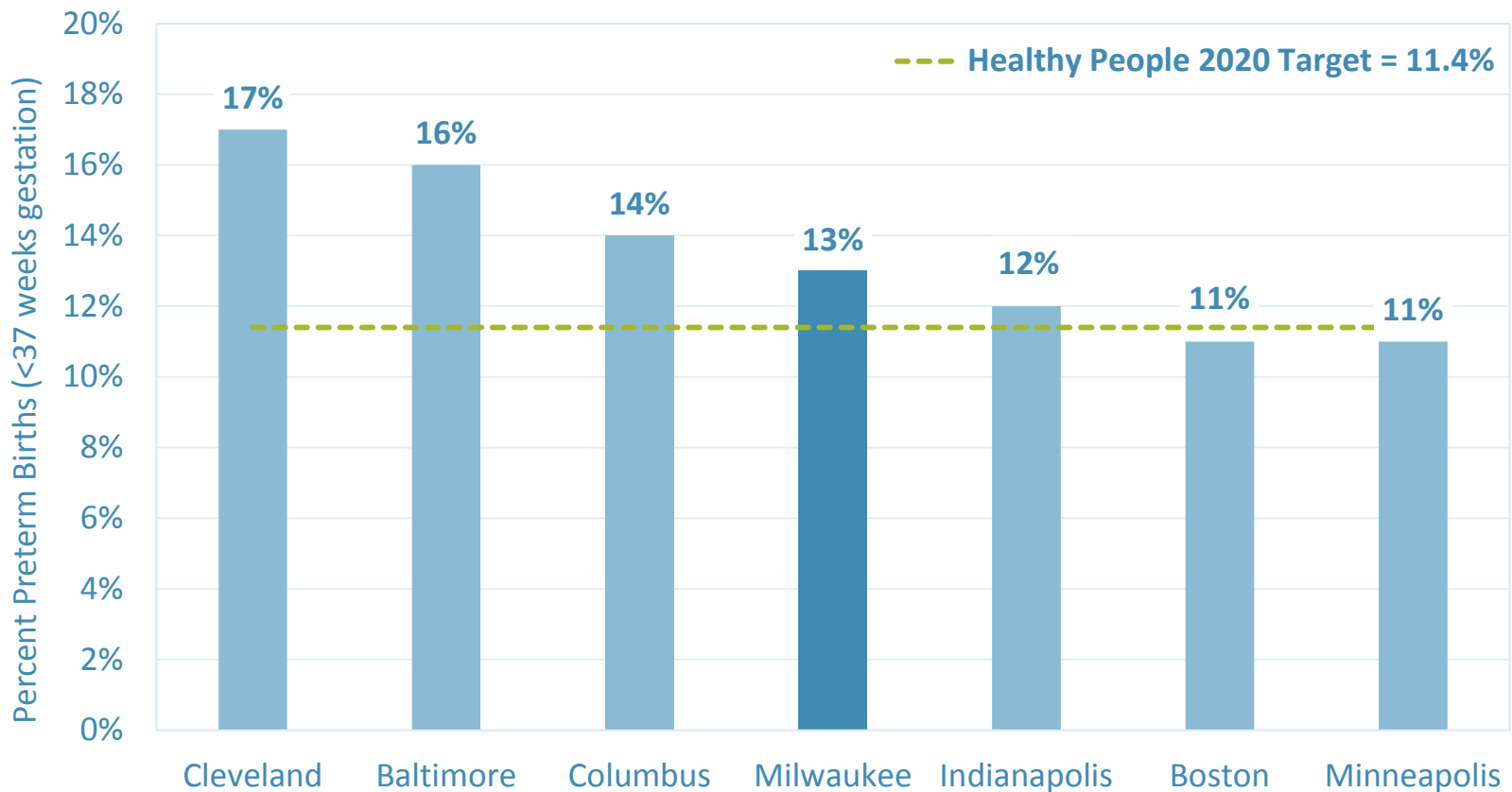
INFANT MORTALITY RATES FOR SELECT CITIES: 2015



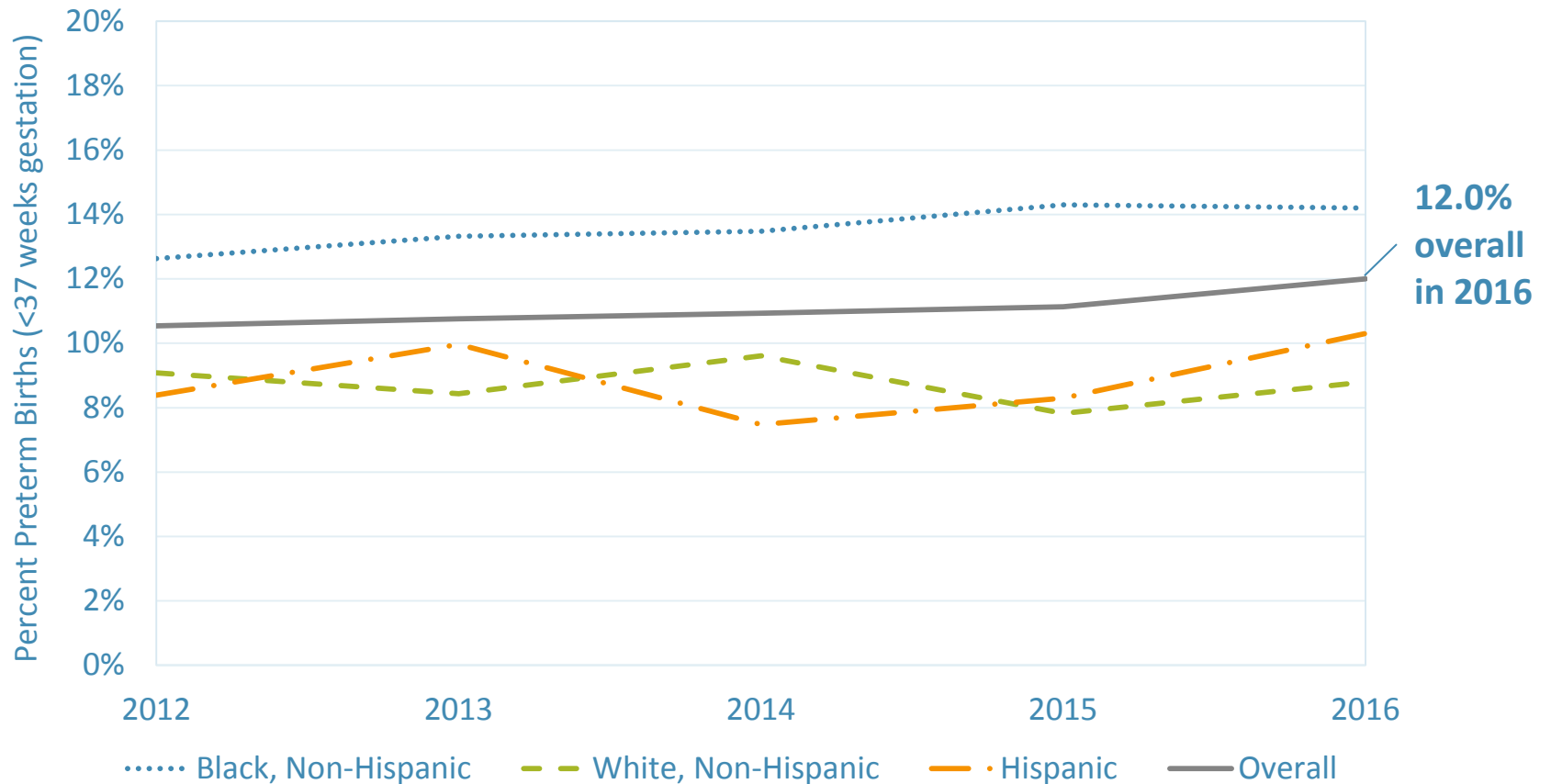
MILWAUKEE INFANT MORTALITY RATES BY RACE/ETHNICITY



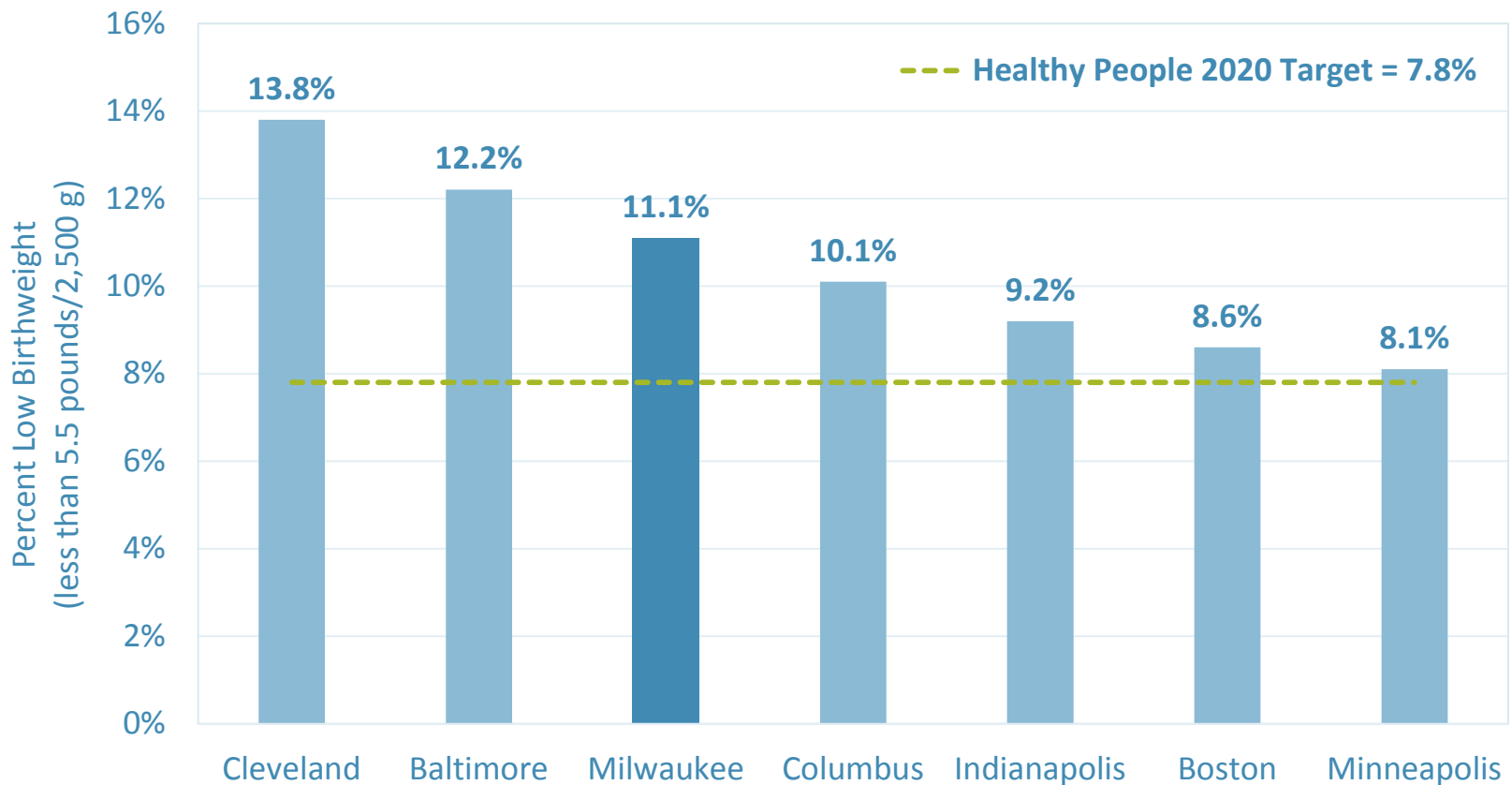
PERCENT PRETERM BIRTHS FOR SELECT CITIES: 2015



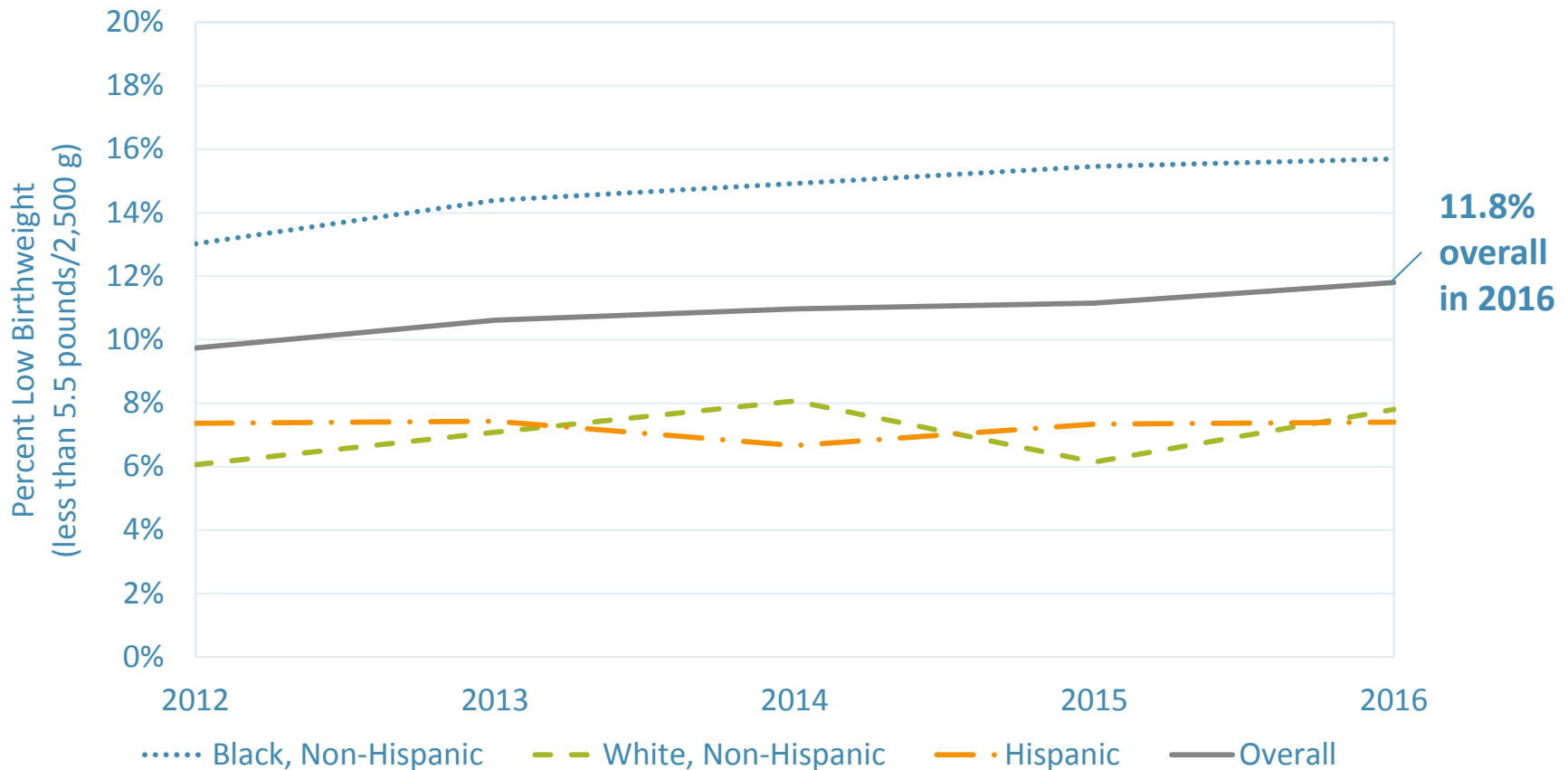
MILWAUKEE PERCENT PRETERM BIRTHS BY RACE/ETHNICITY



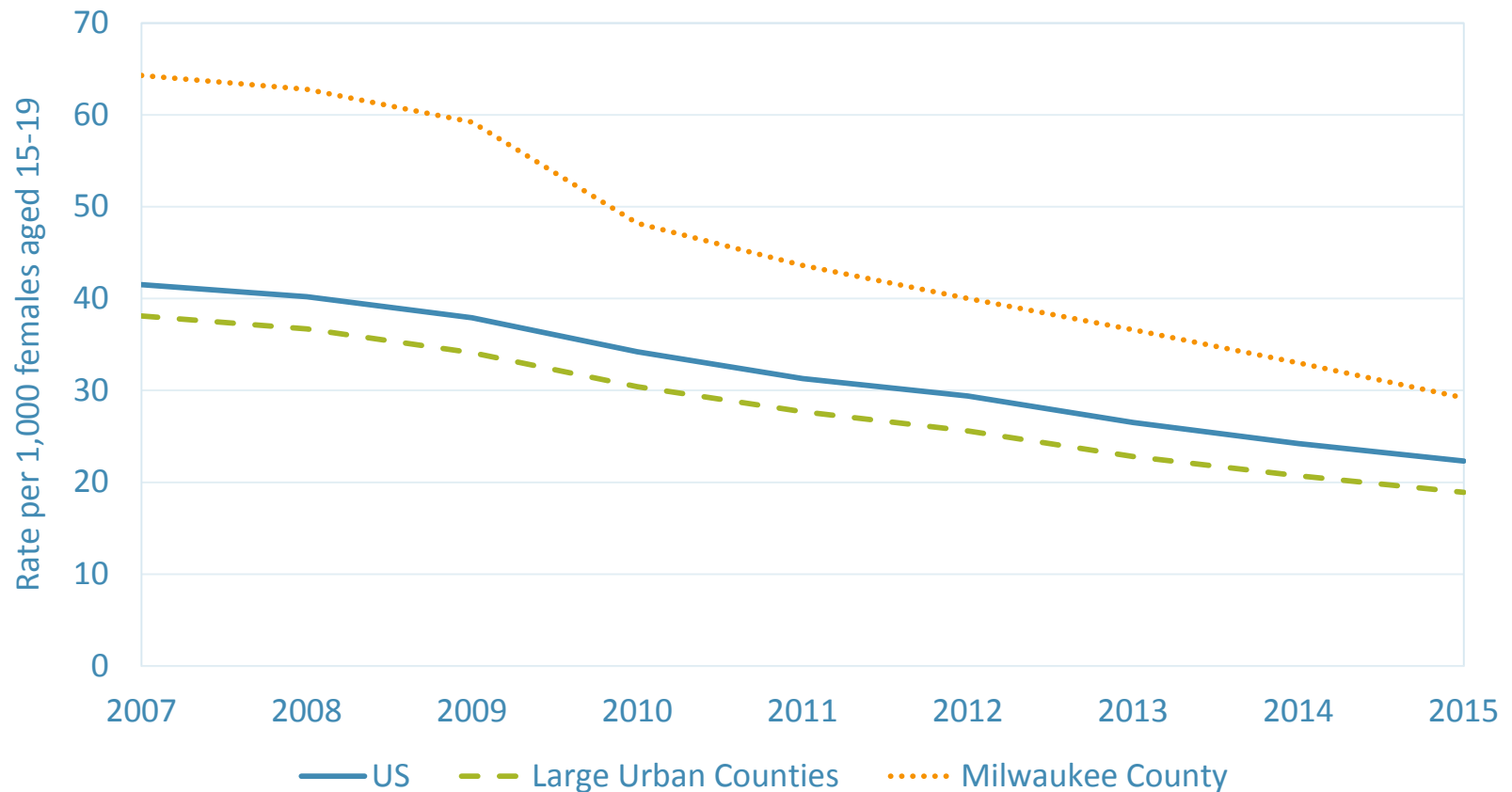
LOW BIRTHWEIGHT BIRTHS FOR SELECT CITIES: 2015



MILWAUKEE LOW BIRTHWEIGHT BIRTHS BY RACE/ETHNICITY

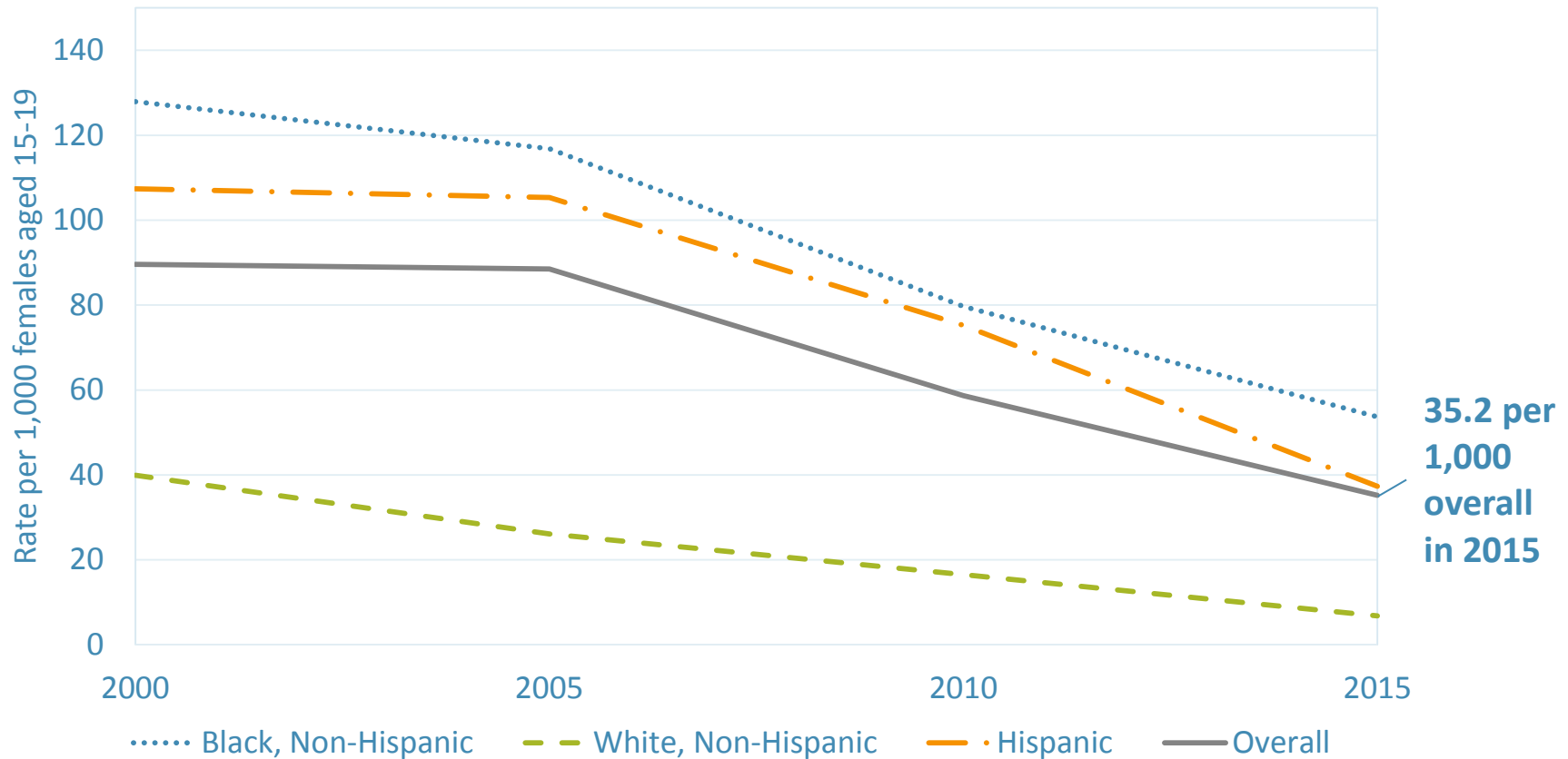


NATIONAL TEEN BIRTH RATE TRENDS (AGES 15 – 19)



Sources: CDC, *Teen Birth Rates for Urban and Rural Areas in the United States, 2007-2015*; WI Department of Health Services, *Wisconsin Interactive Statistics on Health Query: Teen Births Module*

MILWAUKEE TEEN BIRTH RATES (AGES 15 – 19) BY RACE/ETHNICITY



SEXUALLY TRANSMITTED INFECTIONS

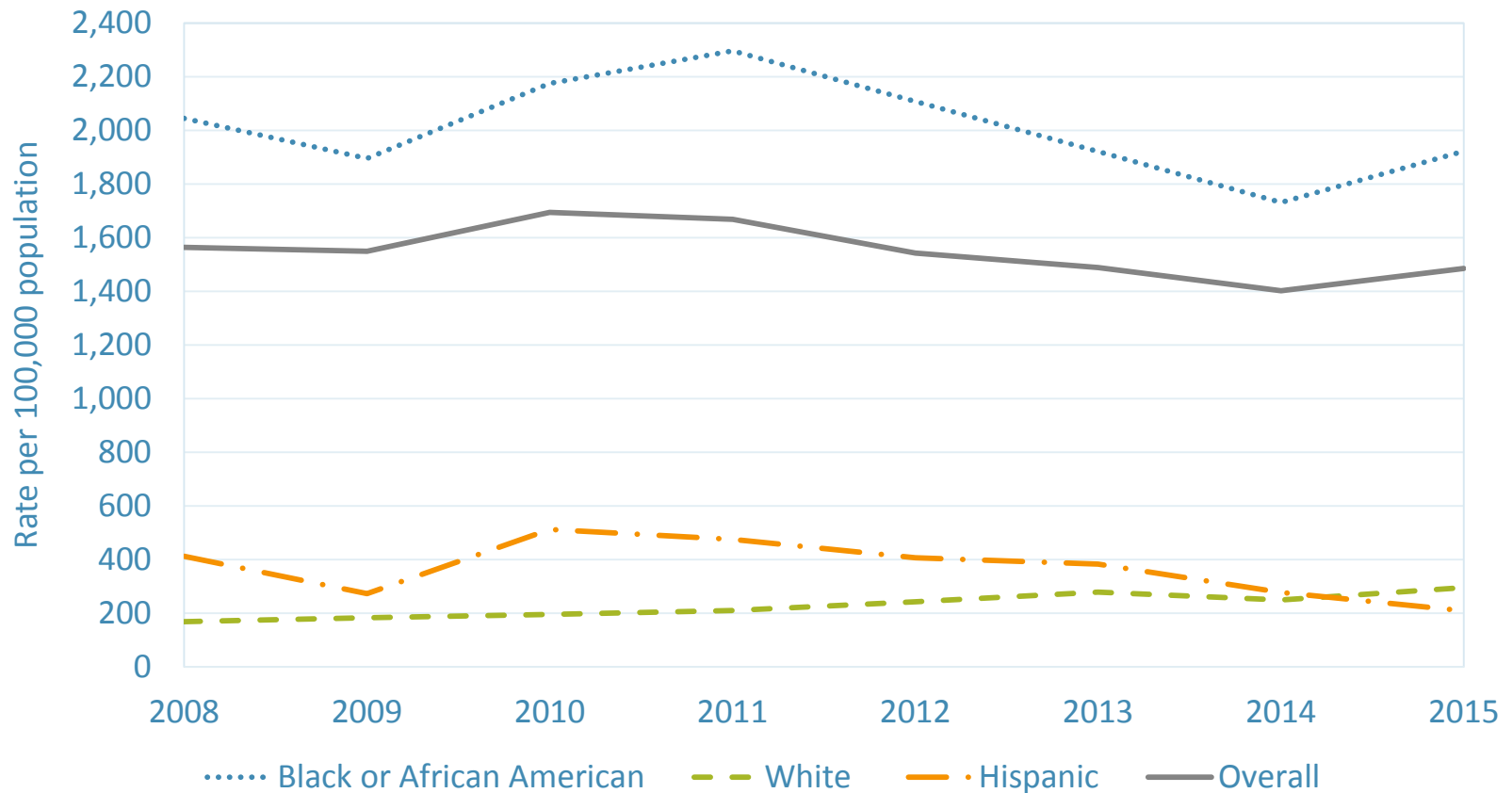
Chlamydia and Gonorrhea

- Milwaukee has typically ranked among the 10 highest in chlamydia and gonorrhea rates for large US cities.

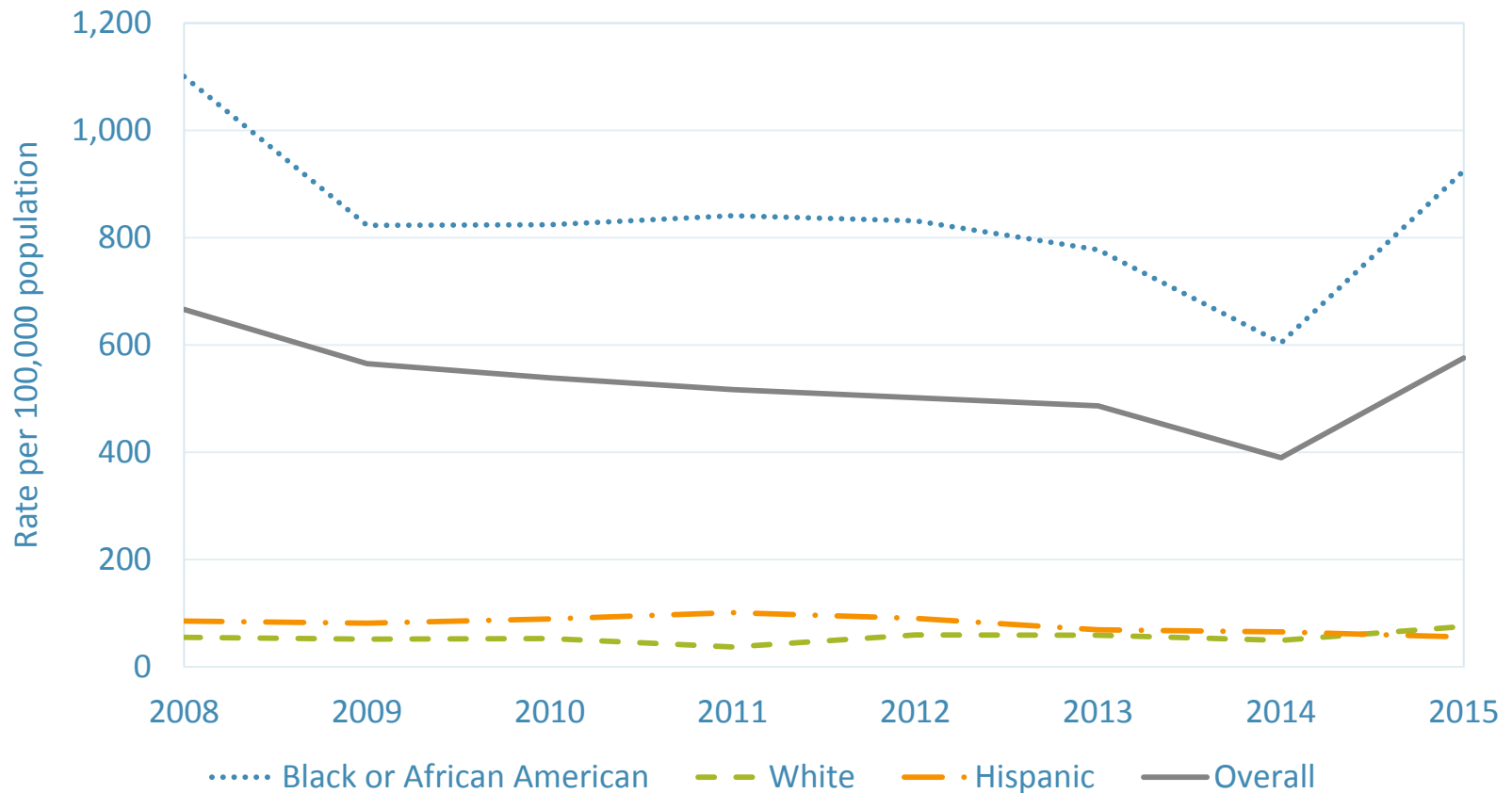
HIV

- In 2015, the Milwaukee metropolitan statistical area (MSA) ranked 71st out of 108 for HIV diagnosis rate.
- However, the 2015 City of Milwaukee HIV diagnosis rate is over twice the Milwaukee MSA rate (17.5 versus 8.3).

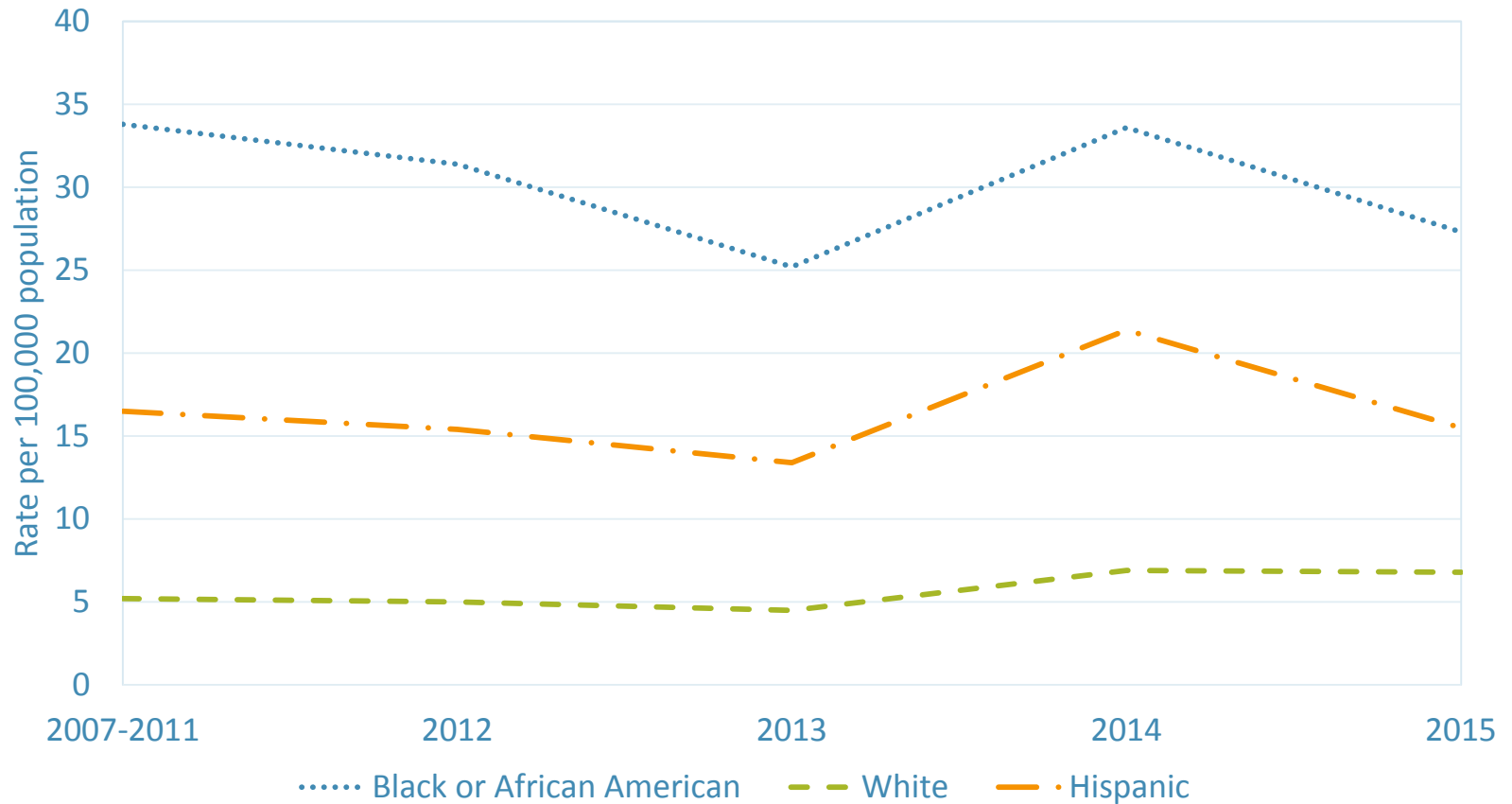
MILWAUKEE CHLAMYDIA RATES BY RACE/ETHNICITY



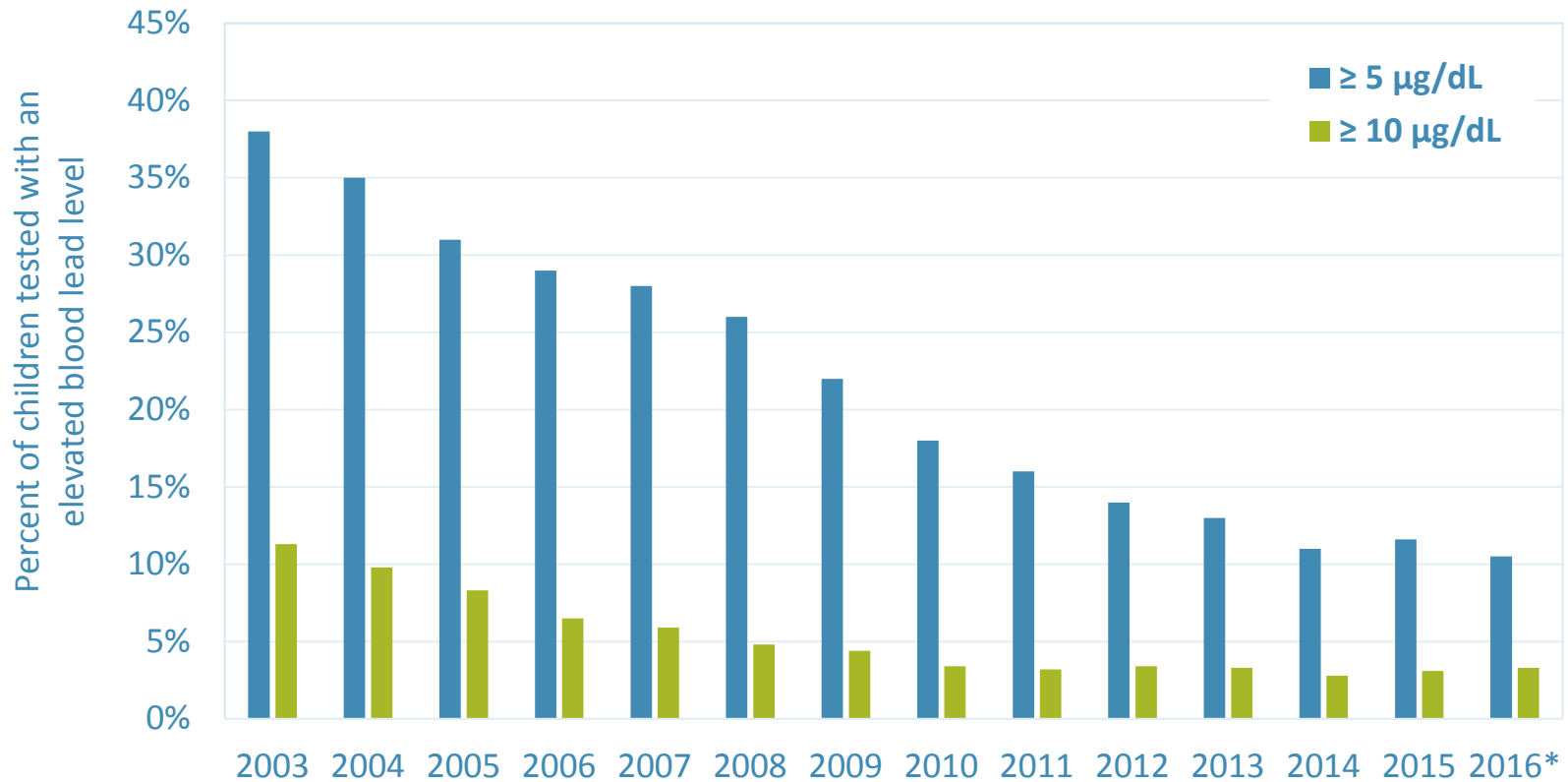
MILWAUKEE GONORRHEA RATES BY RACE/ETHNICITY



MILWAUKEE HIV RATES BY RACE/ETHNICITY



MILWAUKEE CHILDHOOD LEAD POISONING



**2016 data is preliminary*

Source: City of Milwaukee Health Department

CITY STRATEGIES

- Home visitation programs focus on promoting healthy pregnancies, birth outcomes, and child development among high risk families.
- Efforts to prevent childhood lead poisoning include:
 - Lead-Safe Milwaukee campaign
 - Lead abatement in high risk homes
 - Distribution of water filters among vulnerable populations
 - Long-term strategies for lead service line replacement
- Development of *Blueprint for Peace*, a comprehensive plan that uses a public health approach to focus on the prevention of violence before it occurs, as well as intervention after violence to reduce the impacts and prevent future perpetration and victimization.

HOME VISITATION PROGRAMS

2016 Program Activity:

Program	Home Visits	New Clients Enrolled	Families Completing Program
Empowering Families of Milwaukee	3,743	45	22
Nurse Family Partnership	1,005	26	5
Parents Nurturing and Caring for their Children	699	58	33
Direct Assistance for Dads	468	18	11

HOME VISITATION PROGRAMS

2016 Program Birth Outcomes:

Program	Babies born*	Babies born preterm*	Babies born low birthweight*	Women initiating breastfeeding
Empowering Families of Milwaukee	55	1.8%	5.5%	85%
Nurse Family Partnership	33	6.1%	6.1%	71%
Parents Nurturing and Caring for their Children	49	6.1%	8.2%	80%
Direct Assistance for Dads	9	0%	0%	-

**Singleton births only*

SEXUALLY TRANSMITTED DISEASE PREVENTION

	2014	2015	2016
Number of clients seen at STD clinics	5,740	5,428	5,148
Number of STD tests performed at STD clinic	33,569	36,305	37,016
Percent of individuals seeking STD services provided same day services at STD clinic	93.9%	92.8%	91.7%
Percent of HIV cases that received partner referral services of cases assigned to Disease Intervention Specialist	88%	84%	88%

CHILDHOOD LEAD POISONING PREVENTION: LEAD IN PAINT

Number of Housing Units Made Lead Safe	
2014	446
2015	396
2016	447

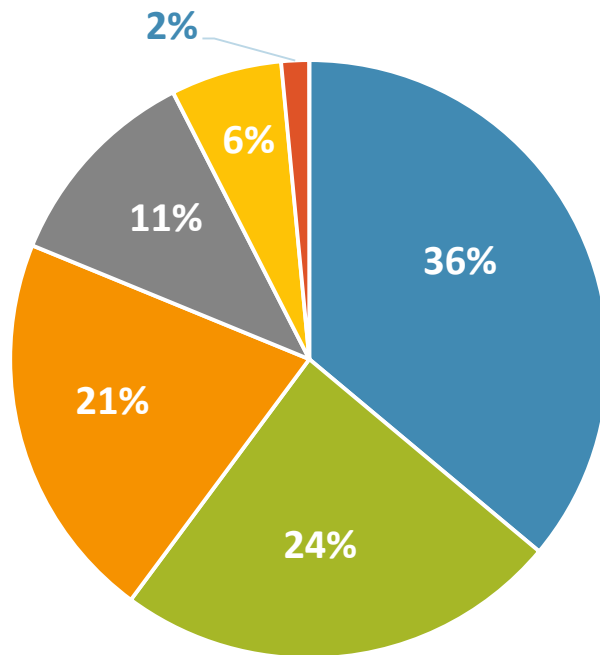
CHILDHOOD LEAD POISONING PREVENTION: LEAD IN WATER

Water Filter Distribution	
Number of filters distributed in 2016	1,700
Number of filters purchased in 2017	3,054
Number of filters MHD provided to community distribution partners in 2017 YTD*	1,220

**Data through July 2017*

- In 2017, 95% of filters have gone to individuals who are high risk
- MOUs put into place beginning in May
- Targeted mailings to parents and childcare facilities beginning in August and September

VIOLENCE PREVENTION: TRAUMA RESPONSE



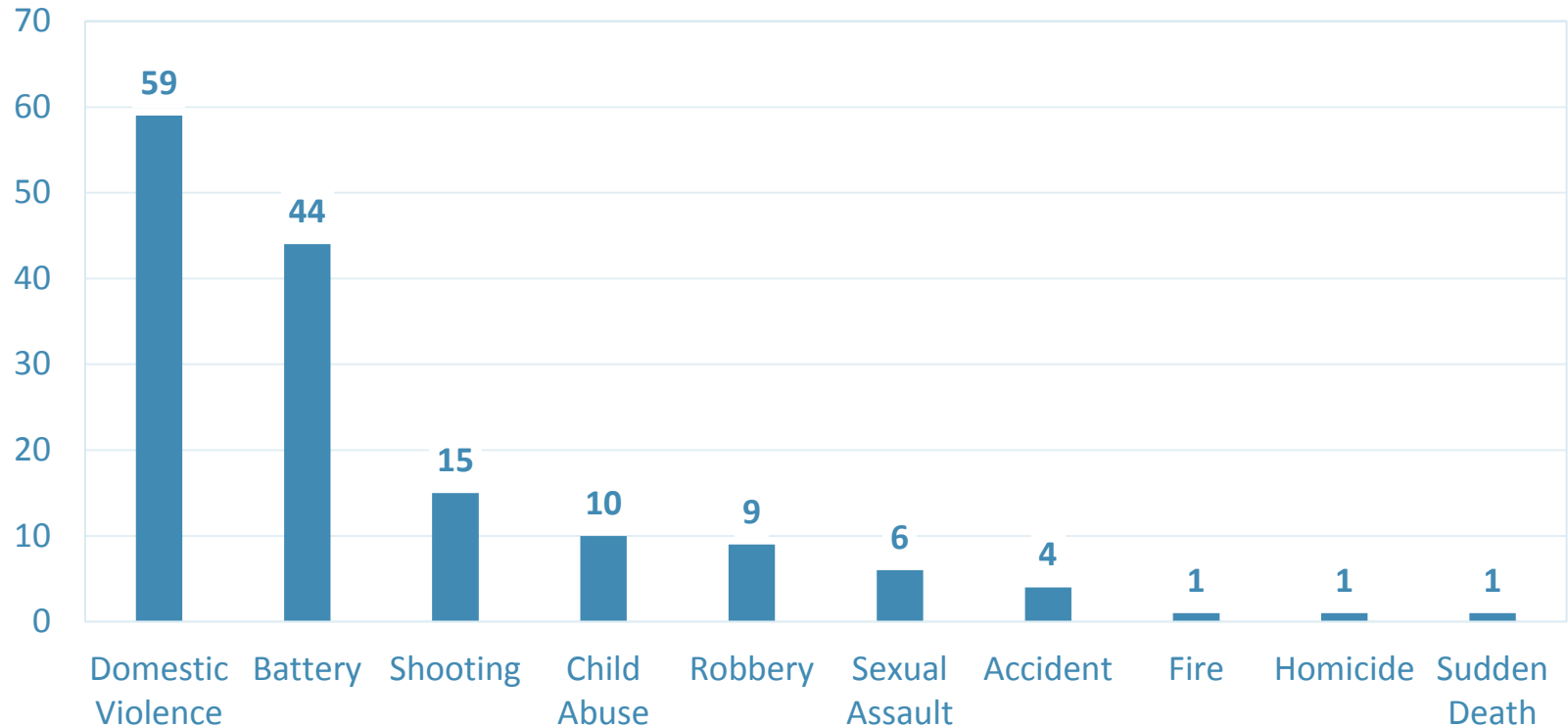
2017 Referrals (January – July)

- Unable to Contact
- Initial Contact, Additional Info Provided
- Additional Services Provided
- Initial Contact, Additional Info Declined
- Currently Open
- Other

- In 2017, the Trauma Response Team has continued to work with District 7 and began receiving referrals from District 5 in March 2017.
- Total number of referrals from January to July 2017: 133

VIOLENCE PREVENTION: TRAUMA RESPONSE

Incident Types for Referrals



KEY TAKEAWAYS

- Milwaukee faces serious public health challenges.
- Improvements have been achieved, yet significant challenges remain.
- A comprehensive approach is required to effectively address Milwaukee's various public health challenges.