
Milwaukee Promise

2016 Performance Metrics

Public Health

Report to the Finance & Personnel Committee

July 18, 2016

Presented by: Budget & Management Division

Executive Summary: Public Health

1. Home visitation programs address prematurity, but limited resources result in modest City-wide impact
2. Teen birth rate decline is a promising “lead indicator” for reducing poverty
3. Ethnic disparities in STD prevalence are extreme
4. City continues to be a national leader in lead poisoning prevention

Overview

- ❑ Home Visitation Programs continues to show positive outcomes; Nurse turnover rates are affecting capacity
- ❑ Infant Mortality Rate continues to decrease overall but ethnic disparities remain
- ❑ Percentage of premature and low birthweight continues to be a challenge
- ❑ Teen Birth Rates has shown improvement
- ❑ Cribs for Kids and Strong baby initiative are expanding

MHD Premier Home Visitation Programs

Program Highlights 2014-2015

Empowering Families of Milwaukee, Nurse-Family Partnership, and PNCC programs:



2014

- Received 520 referrals for home visitation services
- Served 442 families through almost 6,700 face-to-face home visits
- Enrolled 99% of women prenatally
 - 25% in 1st Trimester
 - 44% in 2nd Trimester
 - 31% in 3rd Trimester

2015

- Received 325 referrals for home visitation services
- Served 354 families through almost 5,181 face-to-face home visits
- Enrolled 94.2% of women prenatally
 - 16.7% in 1st Trimester
 - 50.0% in 2nd Trimester
 - 27.5% in 3rd Trimester



MHD Premier Home Visitation Programs Program Birth Outcomes 2014-2015

Birth Outcome Comparison

2014	MHD HV	City of Milwaukee
Number of babies born*	152	9984
% Born full term* (≥ 37 weeks)	91%	89.1%
% Born >2500 grams*	91%	89.1%



2015	MHD HV	City of Milwaukee**
Number of babies born*	139	9984
% Born full term* (≥ 37 weeks)	92.8%	89.1%
% Born >2500 grams*	95.7%	89.1%

*Singleton Births Only

**2015 Data are Unavailable. Numbers are for 2014.

MHD Premier Home Visitation Programs Program Outcomes 2013-2015

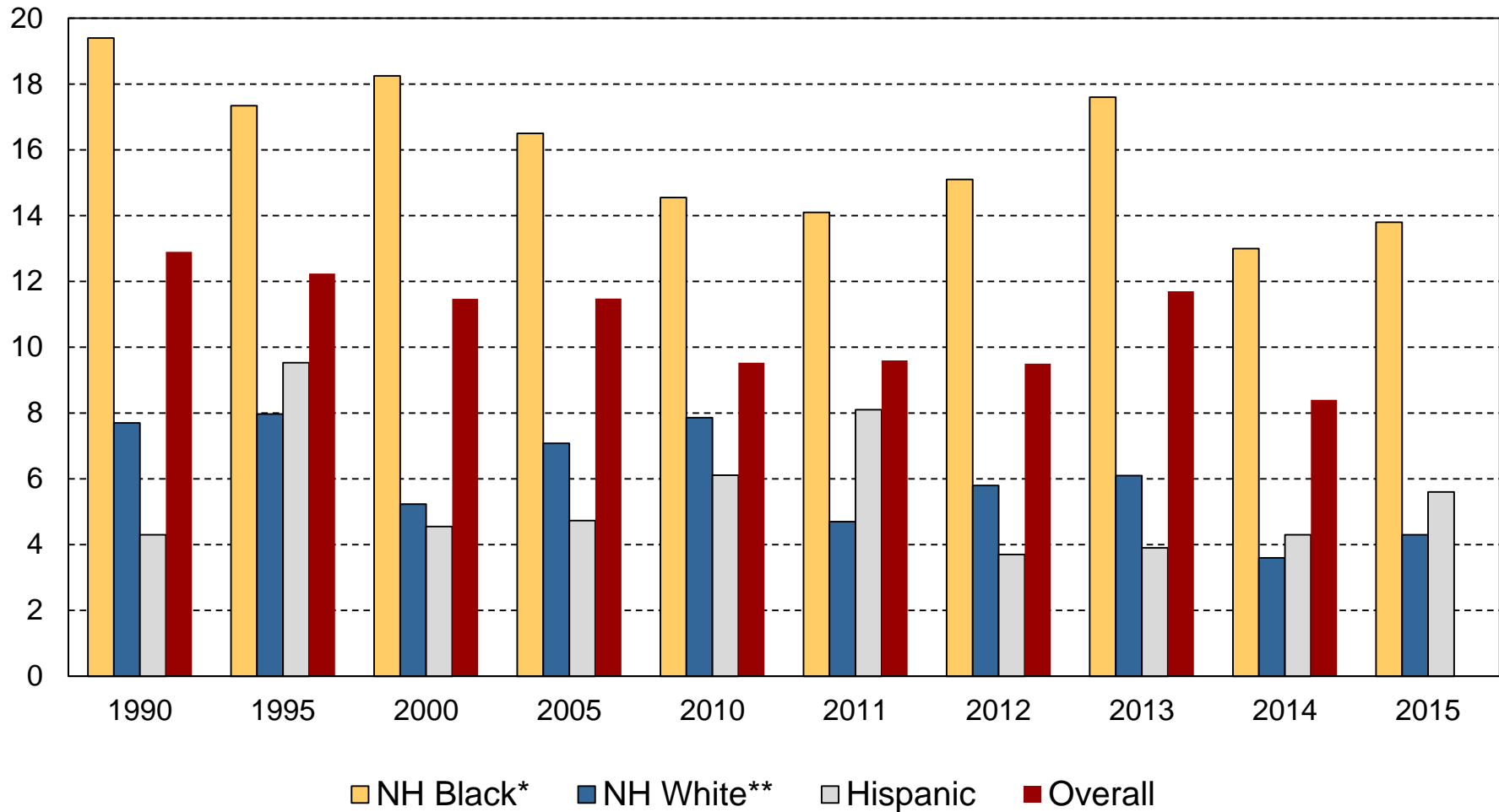


	MHD HV 2013	MHD HV 2014	MHD HV 2015	City of Milwaukee 2015
Percentage of infants ever breastfed	71.4%	87%	90.2%	-
Percentage of families enrolled in WIC	96.9%	99.3%	91.5%	68.4%*
Percentage of children current with immunizations	84.4%	81%	79.5%	63%**

*Data for Milwaukee County (percentage of families enrolled in January 2015)

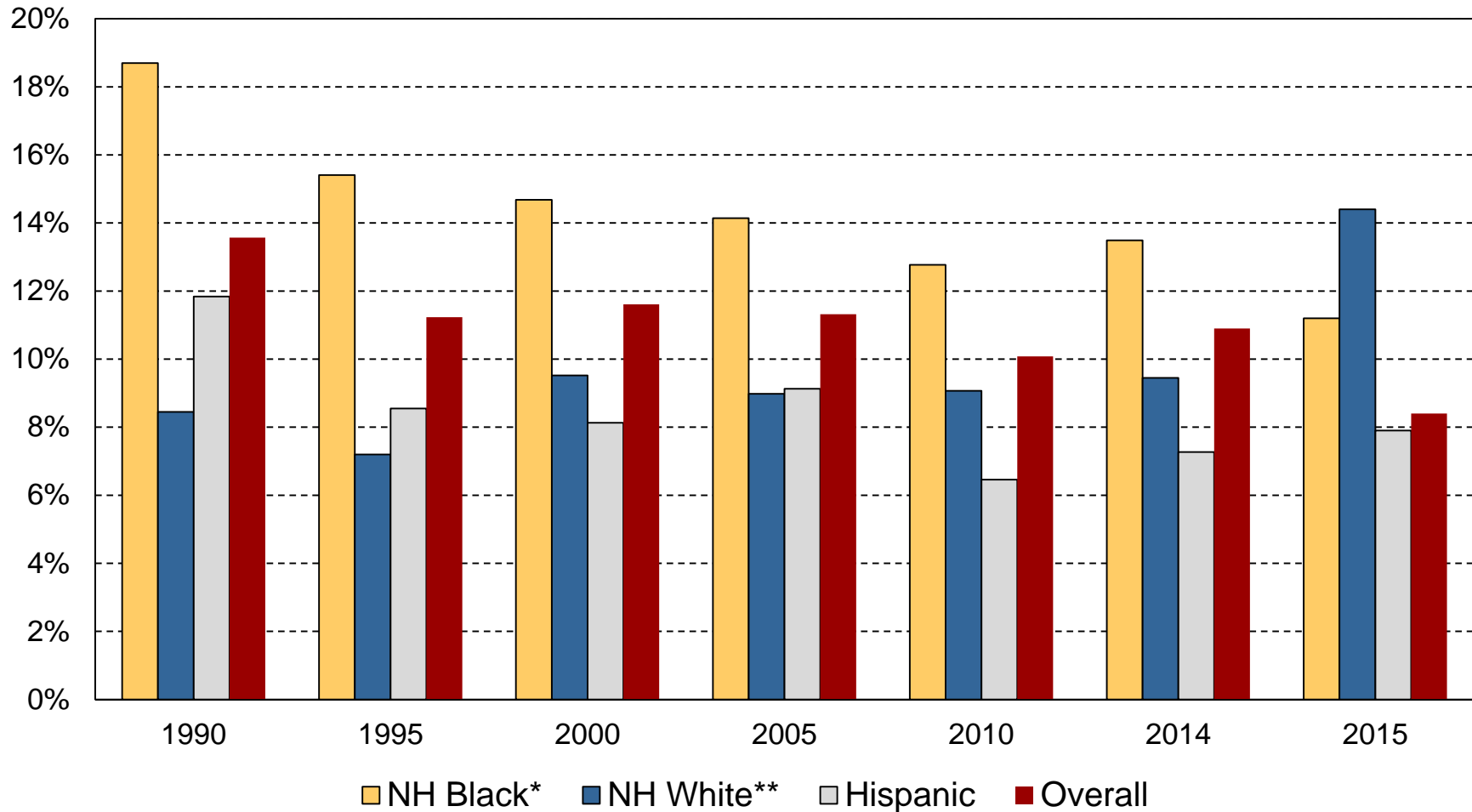
**Data for City of Milwaukee (percentage of 2 year olds that are fully vaccinated)

Infant Mortality Rate (per 1,000 live births)



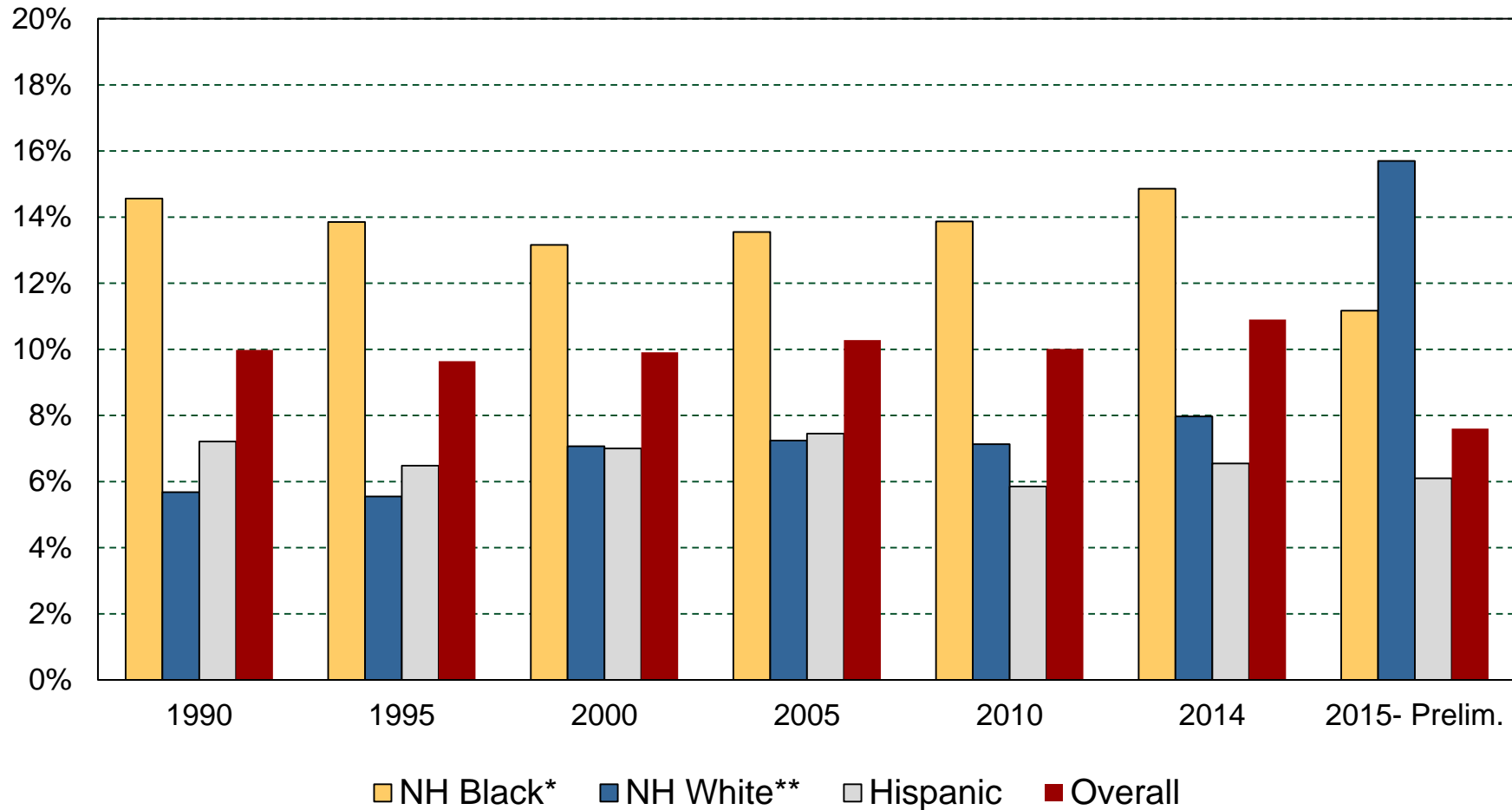
*NH Black = Non-Hispanic Black
 **NH White = Non-Hispanic White

Percentage of Children Born Premature



*NH Black = Non-Hispanic Black
 **NH White = Non-Hispanic White

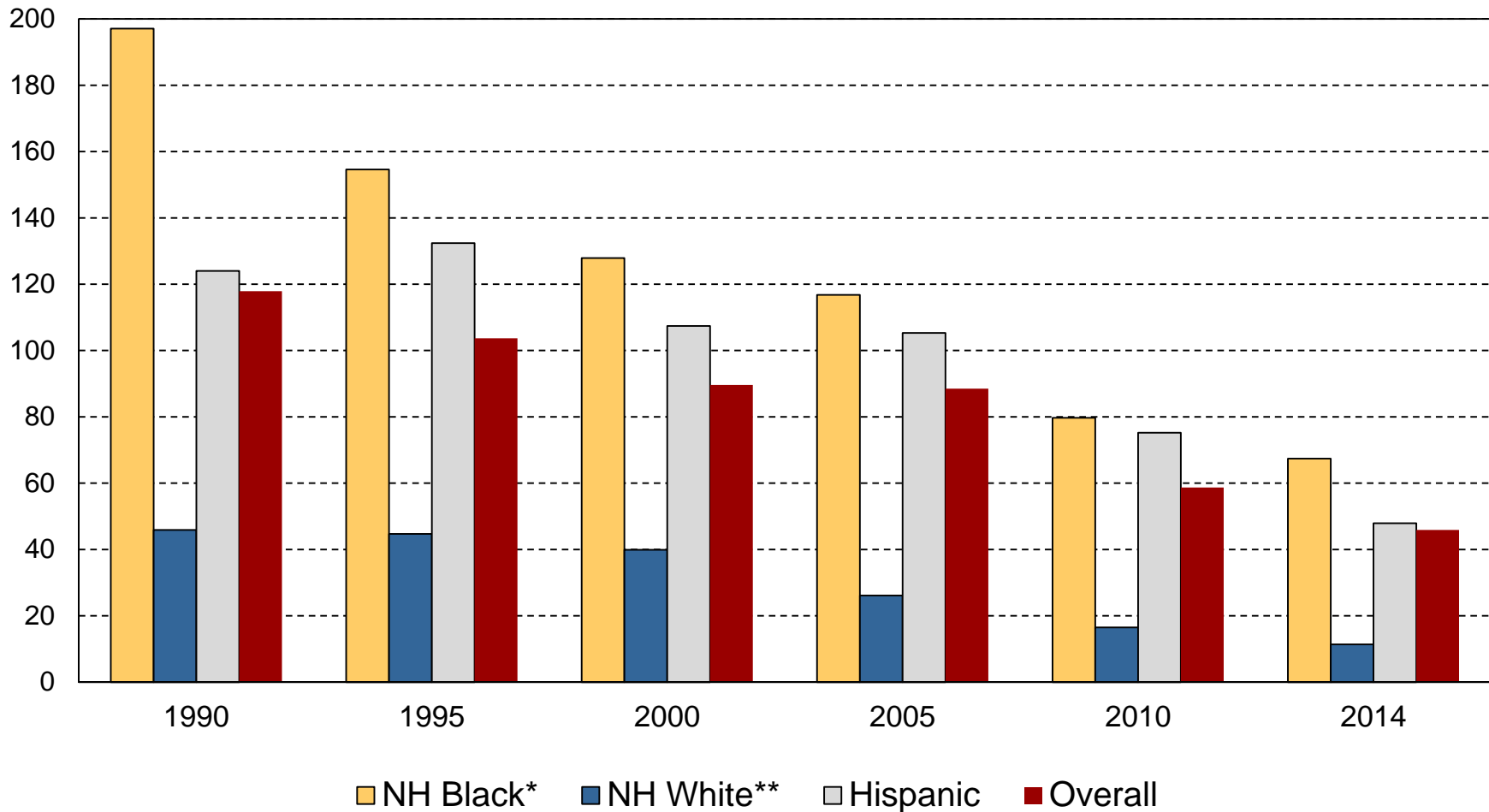
Percentage of Children Born Low Birthweight



*NH Black = Non-Hispanic Black
 **NH White = Non-Hispanic White

- Low birthweight is less than 2500 grams
- Very low birthweight is less than 1500 grams

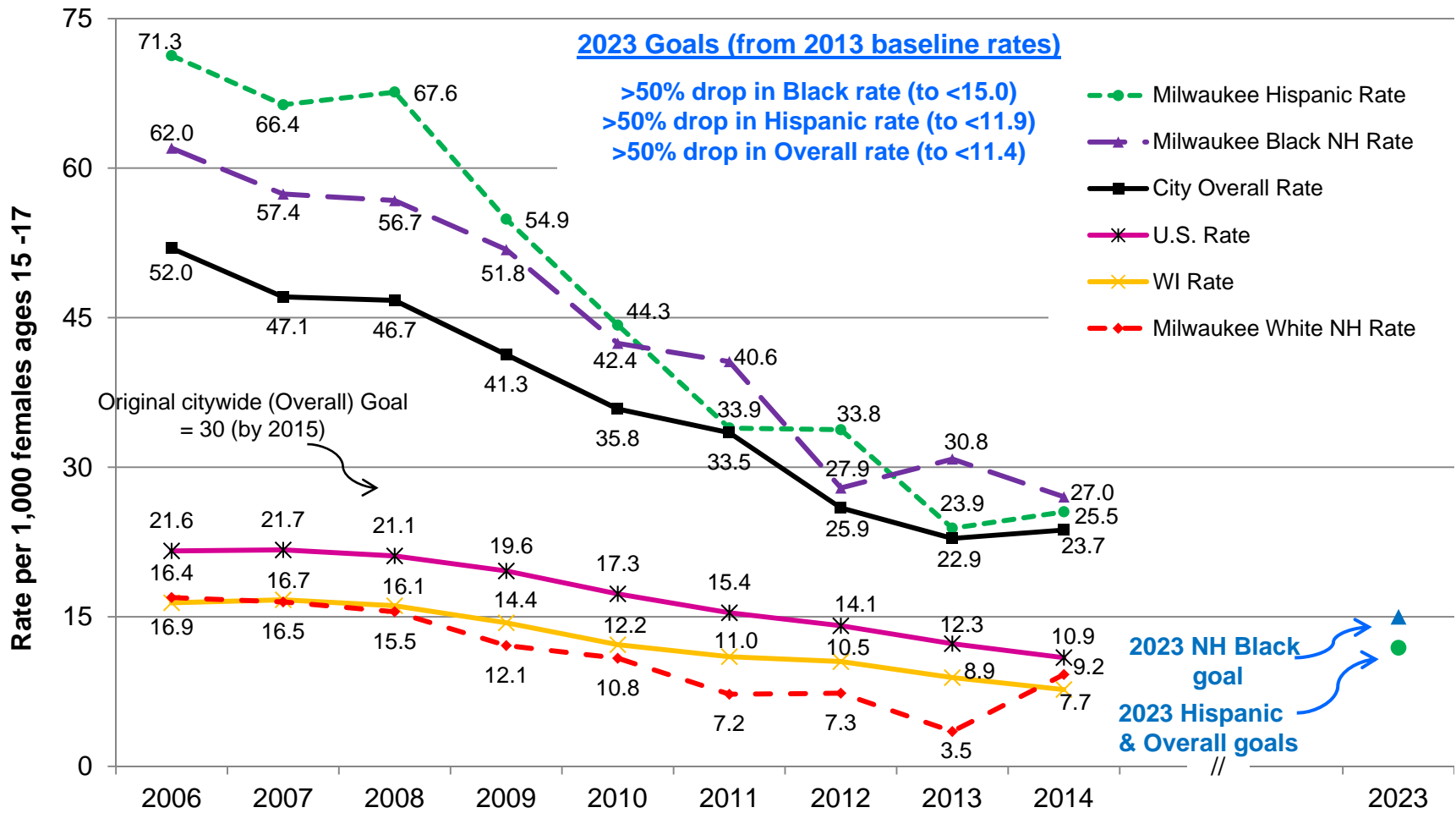
Teen Birth Rates Ages 15-19 (per 1,000 Teen Girls 15-19)



*NH Black = Non-Hispanic Black

**NH White = Non-Hispanic White

Teen Birth Rates: 15-17 year olds



City of Milwaukee Health Department (2014 numbers are preliminary)

Strong Baby Sanctuary

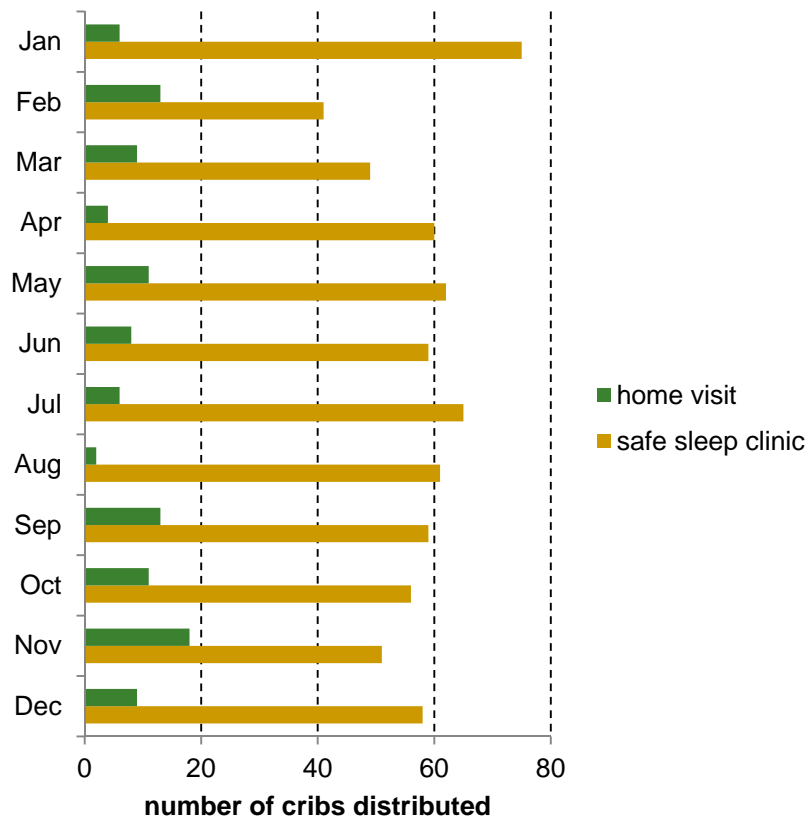


STRONG BABY
SANCTUARY

- Churches agree to be a safe place for pregnant women and families to go for resources
- Resource training provided in partnership with MHD, CSM, MOD and UWGM
- Connects pregnant women and families with a local community support network to increase healthy birth outcomes
- 10 area churches joined the Strong Baby Sanctuary initiative in 2015
- Goal for 2016 is to double the number of churches participating while expanding to the south side
- Last meeting was held in May, 2016

Milwaukee Cribs for Kids

2015 Crib Distribution



- 806 families received safe sleep education and safe sleep environments
- MPD Partnership
 - Expansion of MPD District 7 Cribs for Kids program
 - Districts 2 and 3 now providing cribs to families
 - All sworn in officers received infant mortality training at Fall In-service

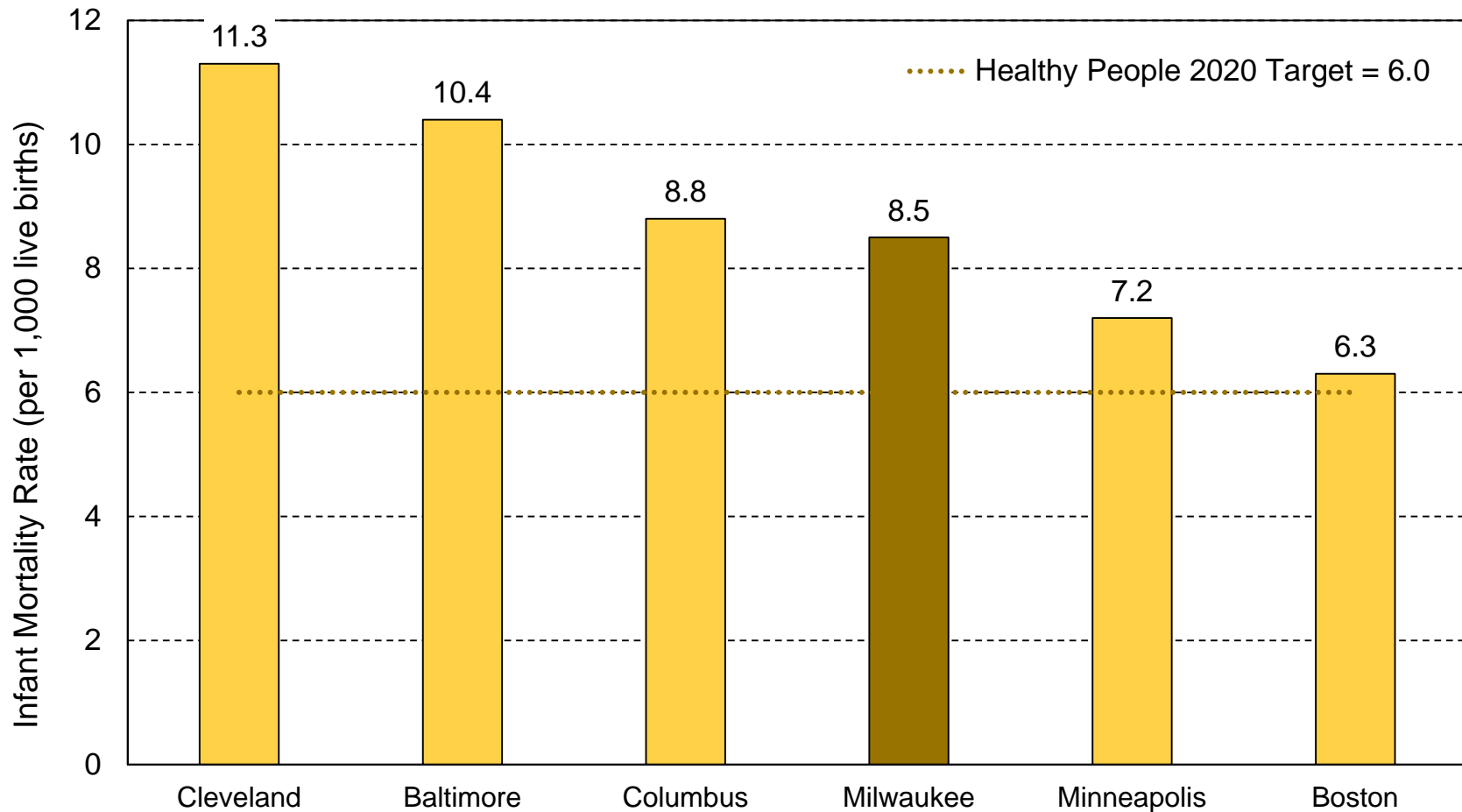
Milwaukee and Comparative Data

Overview:

- ❑ Compared to other cities Milwaukee does moderately well
- ❑ There is a significant disparity across aldermanic districts but concentration of challenges within certain districts

Infant Mortality Rates for Select Cities: 2014

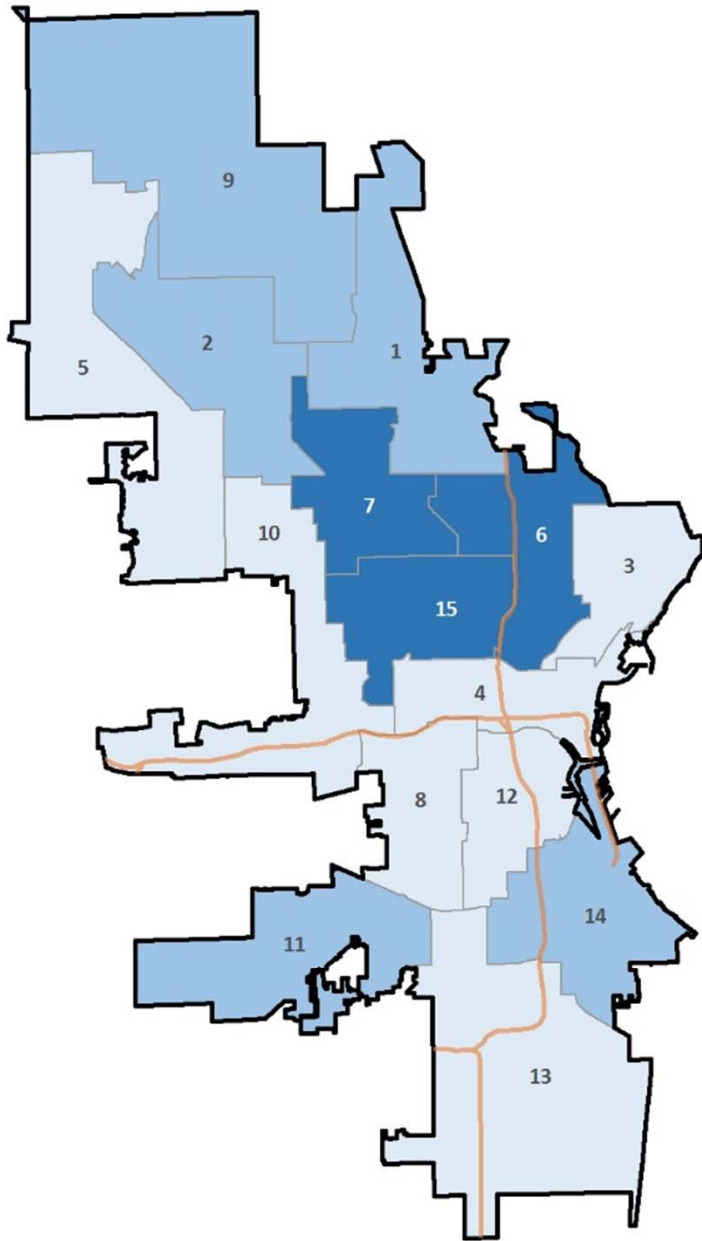
(Infant deaths per 1,000 live births)



Sources: The Annie E. Casey Foundation, KIDS COUNT Data Center,
<http://datacenter.kidscount.org>; Healthy People 2020

CITY OF MILWAUKEE

Infant Mortality Rate by Aldermanic District (2014)



LEGEND

Infant Mortality Rate by Aldermanic District
(Infant deaths per 1,000 live births)

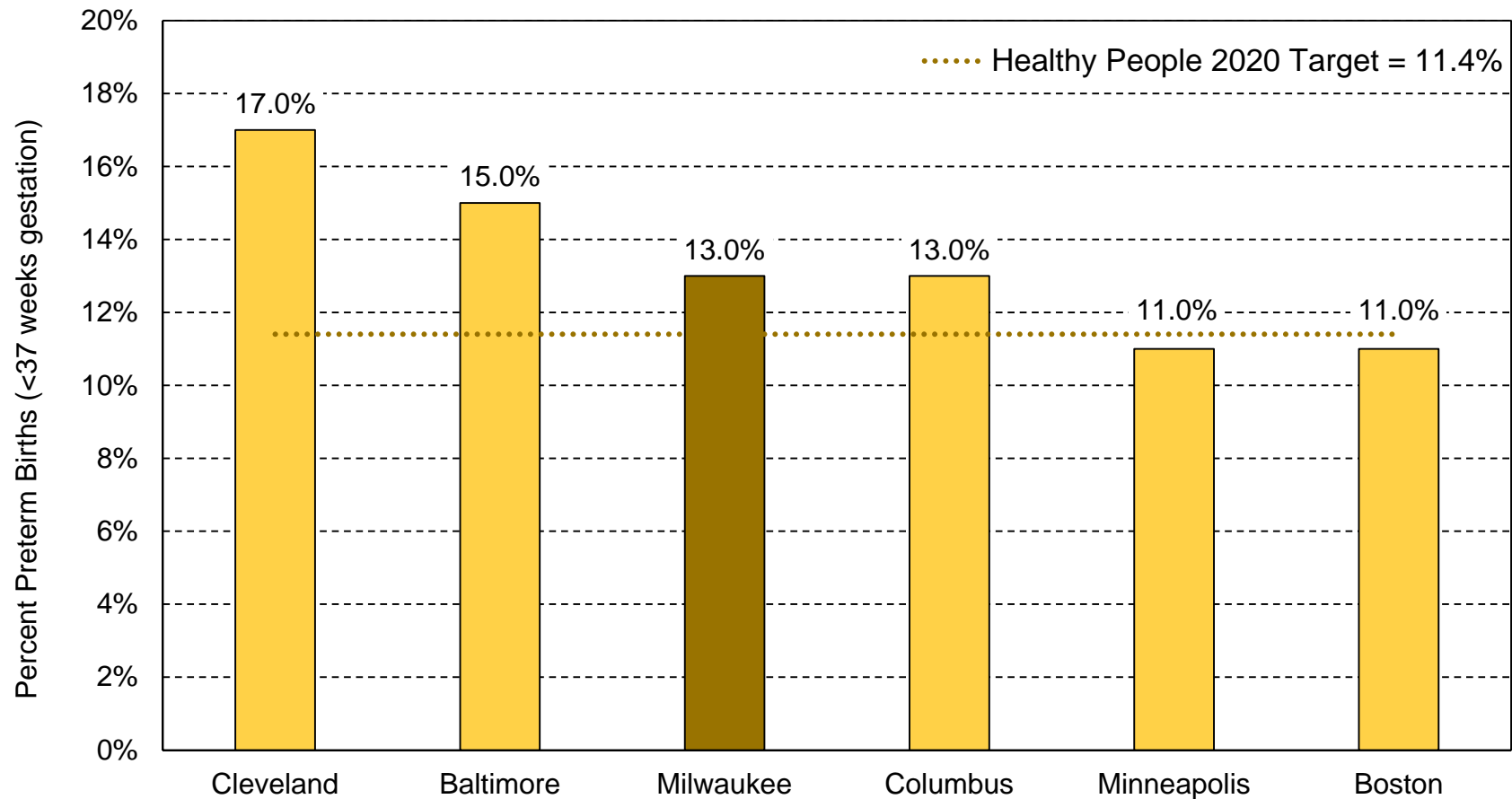
- Less than 5
- 5 to 15
- Greater than 15
- City Limit
- Interstate



Source: City of Milwaukee - MHD

Prepared by City of Milwaukee DOA-BMD-kqp, 04/26/16

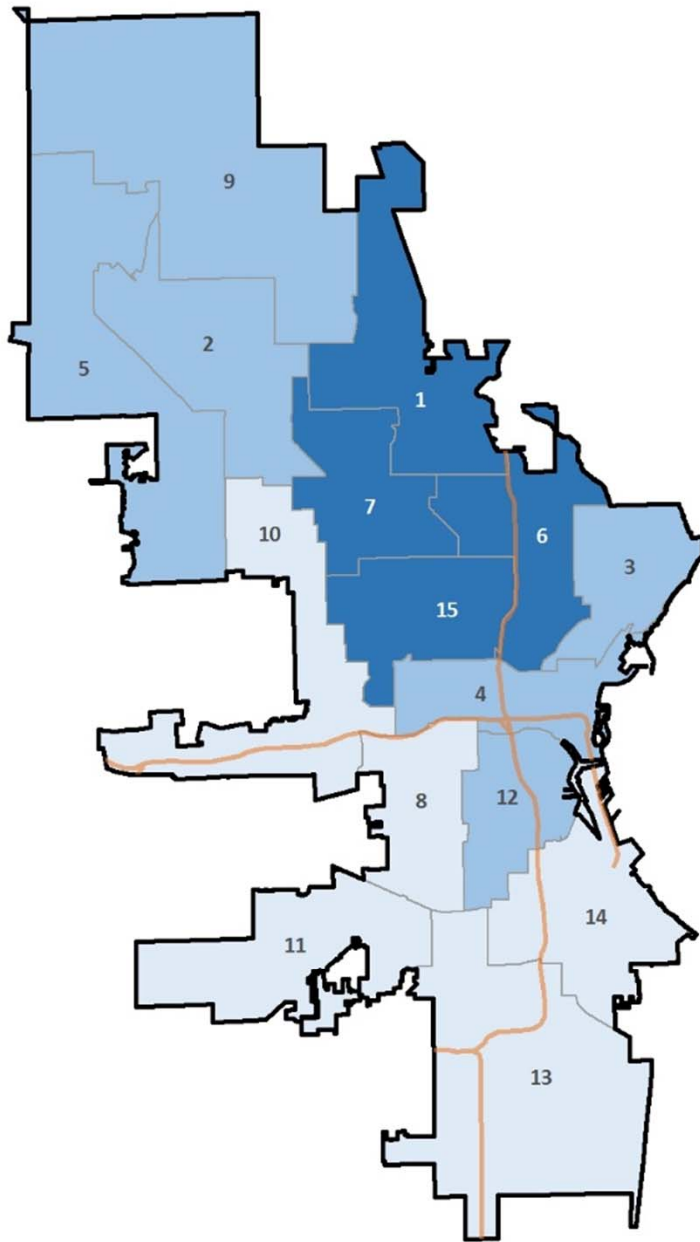
Percent Preterm Births for Select Cities: 2014 (< 37 Weeks Gestation)



Sources: The Annie E. Casey Foundation, KIDS COUNT Data Center,
<http://datacenter.kidscount.org>; Healthy People 2020

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Percent Preterm Births by Aldermanic District (2014)



LEGEND

Percent Preterm Births by Aldermanic District (<37 weeks gestation)

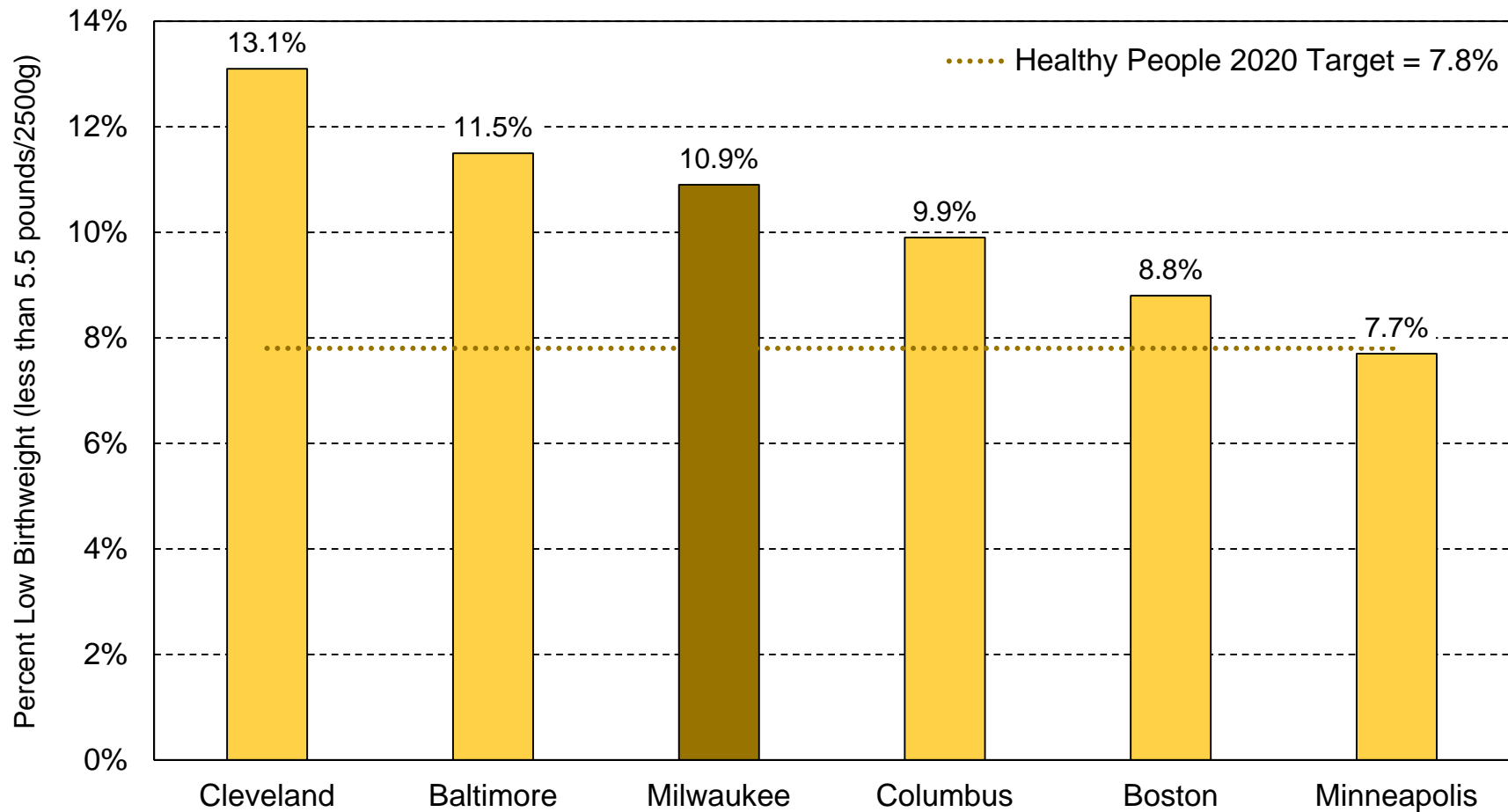
- Less than 9.5%
- 9.5% to 12.5%
- Greater than 12.5%
- City Limit
- Interstate



Source: City of Milwaukee - MHD

Prepared by City of Milwaukee DOA-BMD-kqp, 04/26/16

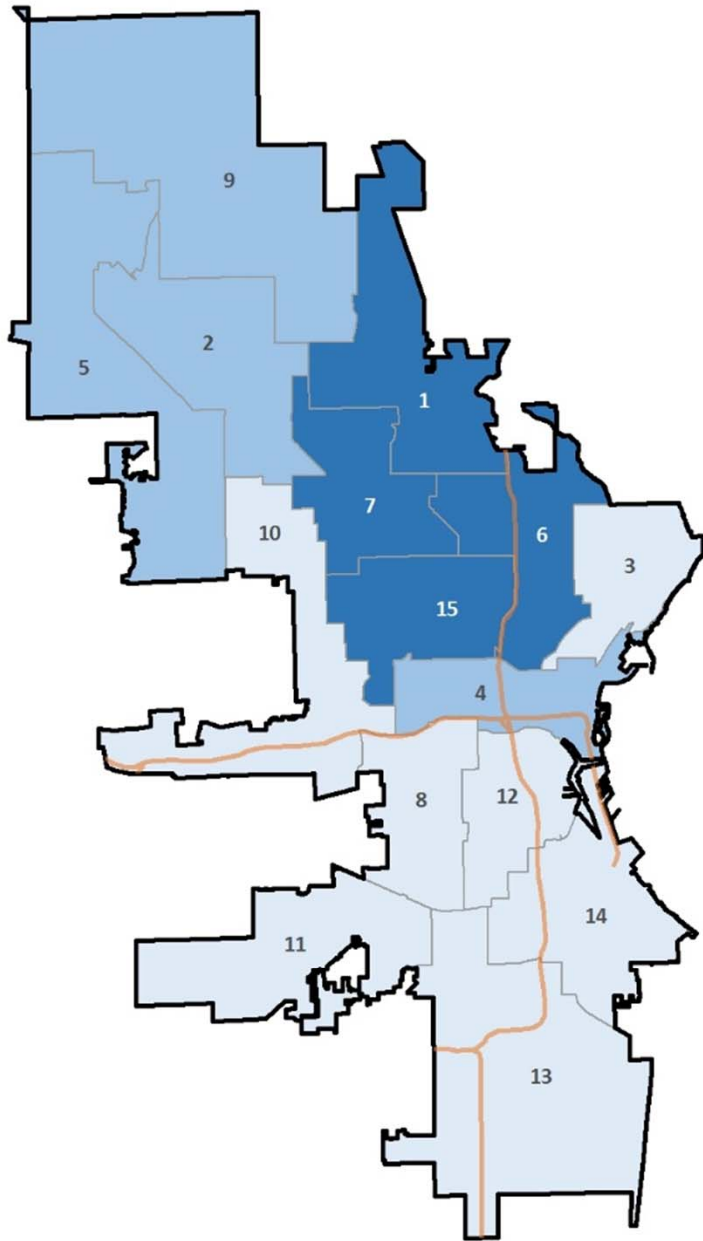
Percent Low Birthweight Births for Select Cities: 2014 (babies born alive weighing less than 2500 grams)



Sources: The Annie E. Casey Foundation, KIDS COUNT Data Center,
<http://datacenter.kidscount.org>; Healthy People 2020

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Percent Low Birthweight by Aldermanic District (2014)



LEGEND

Percent Low Birthweight by Aldermanic District (Less than 5.5 pounds/2500 grams)

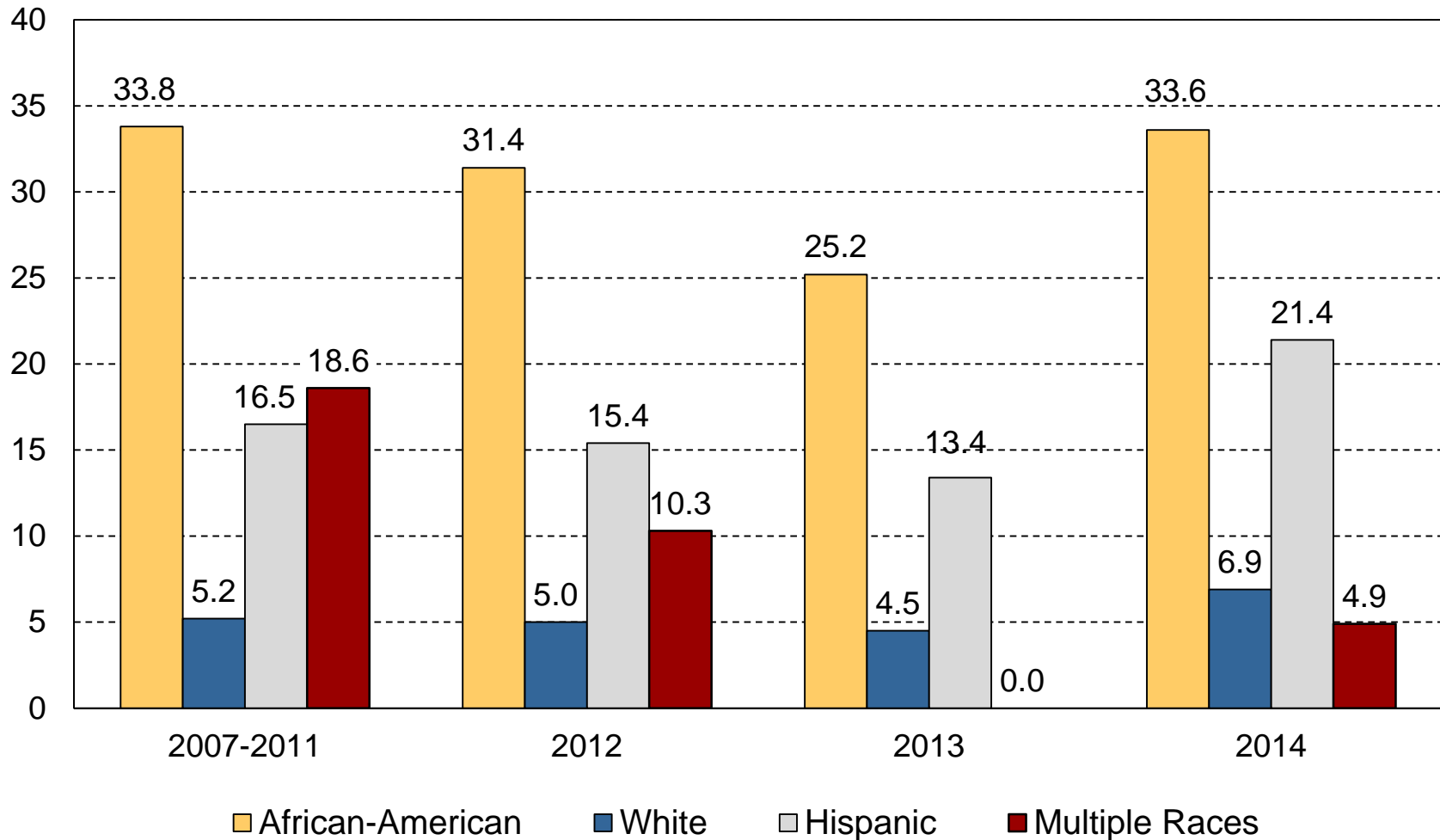
- Less than 10%
- 10 to 12.5%
- Greater than 12.5%
- City Limit
- Interstate



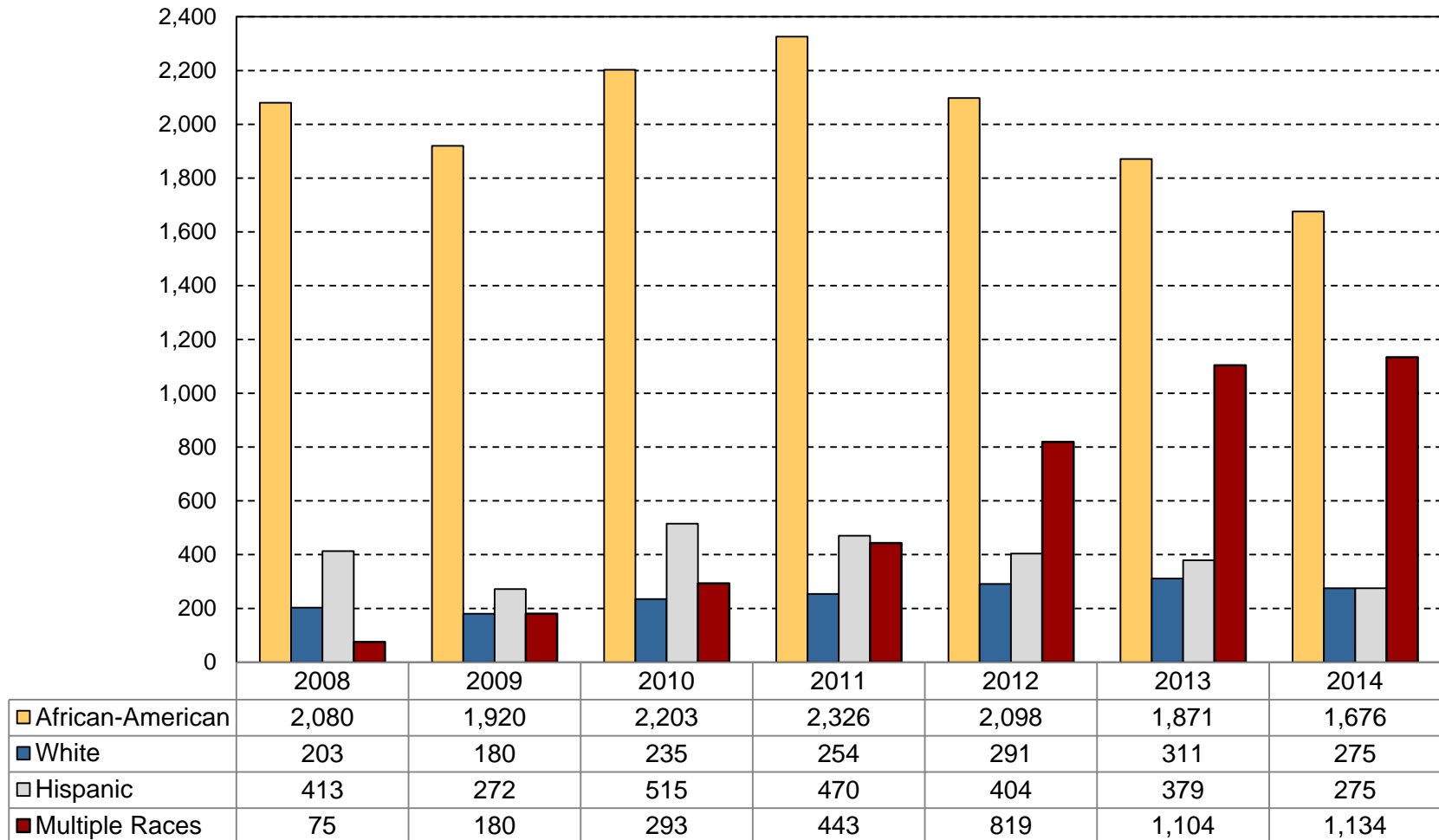
Source: City of Milwaukee - MHD

Prepared by City of Milwaukee DOA-BMD-kqp, 04/26/16

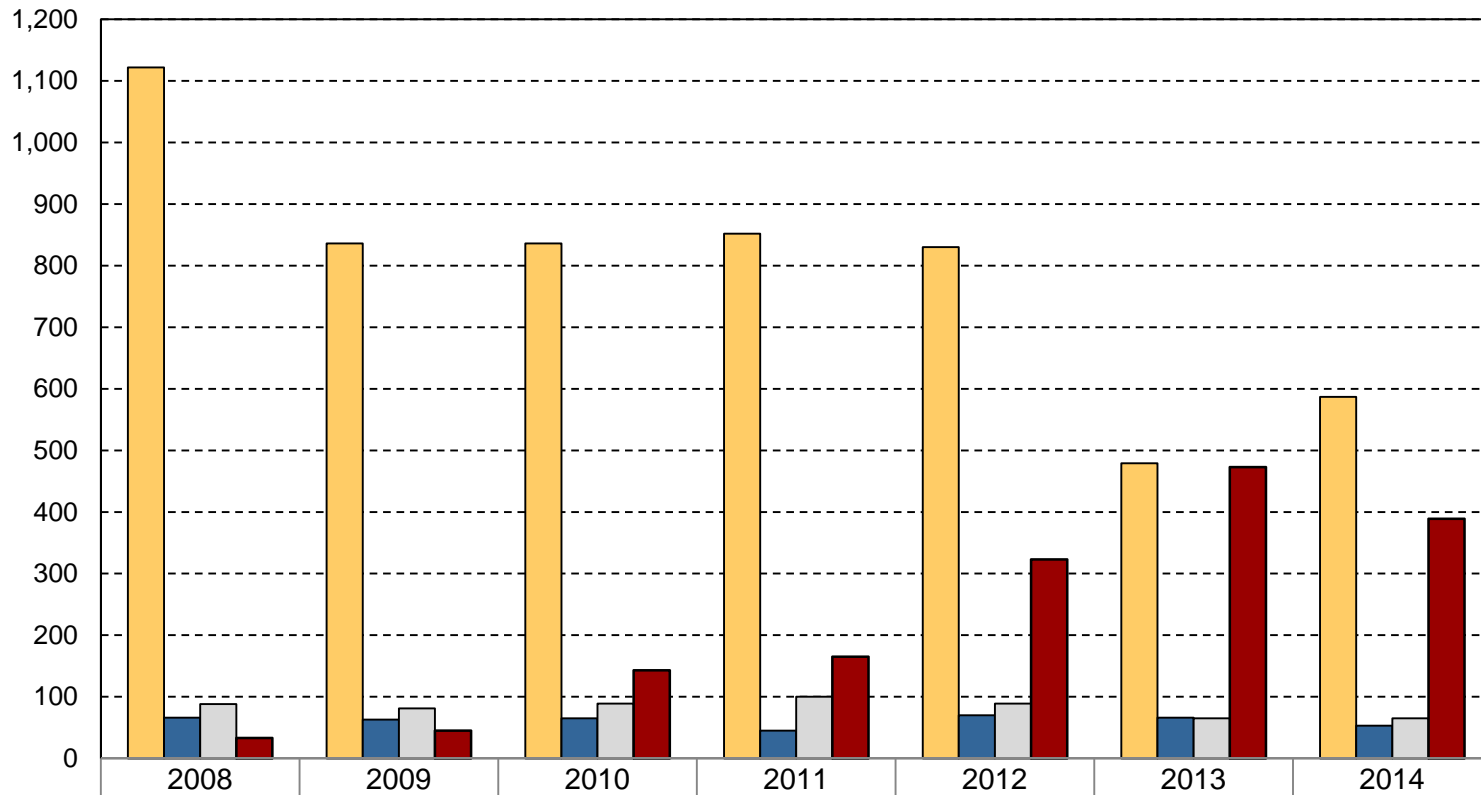
HIV Rates (per 100,000 of population)



Chlamydia Rates (per 100,000 of population)



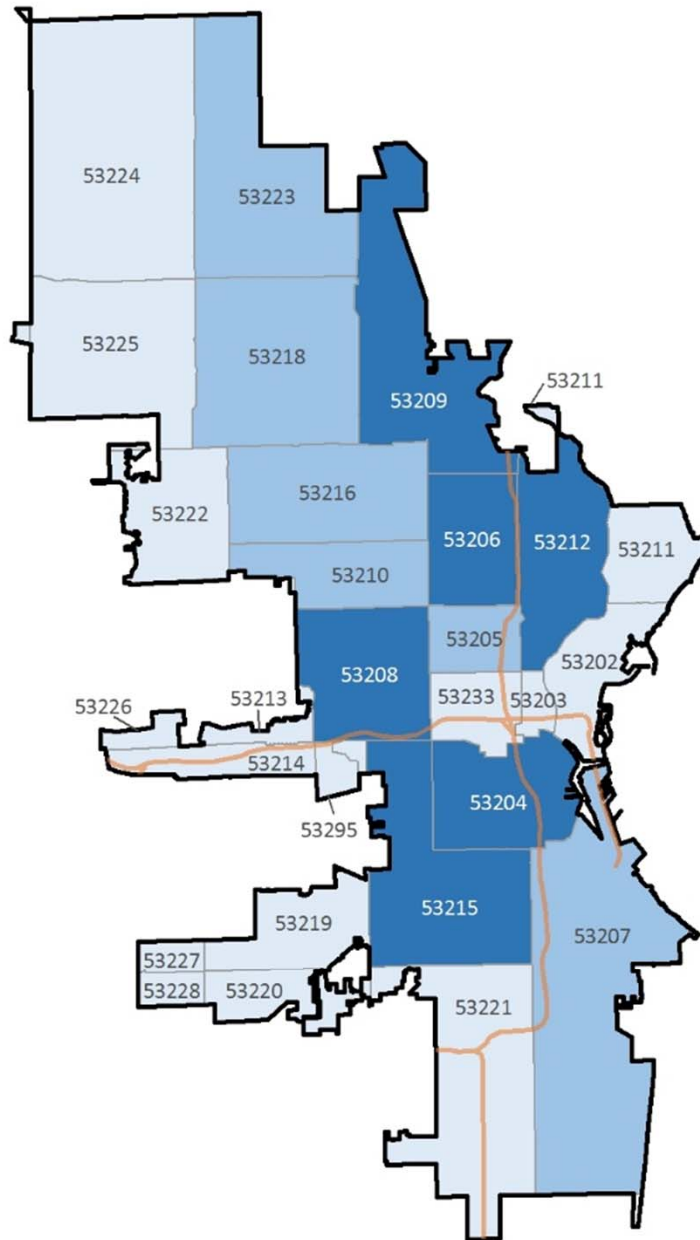
Gonorrhea Rates (per 100,000 of population)



■ African-American	1,122	836	836	852	830	479	587
■ White	66	63	65	45	70	66	53
■ Hispanic	88	81	89	100	89	65	65
■ Multiple Races	33	45	143	165	323	473	389

CITY OF MILWAUKEE

Number of New HIV Diagnoses by ZIP Code (2012-2014)



LEGEND

Number of New HIV Diagnoses by ZIP Code of Residence in City of Milwaukee (2012-2014)

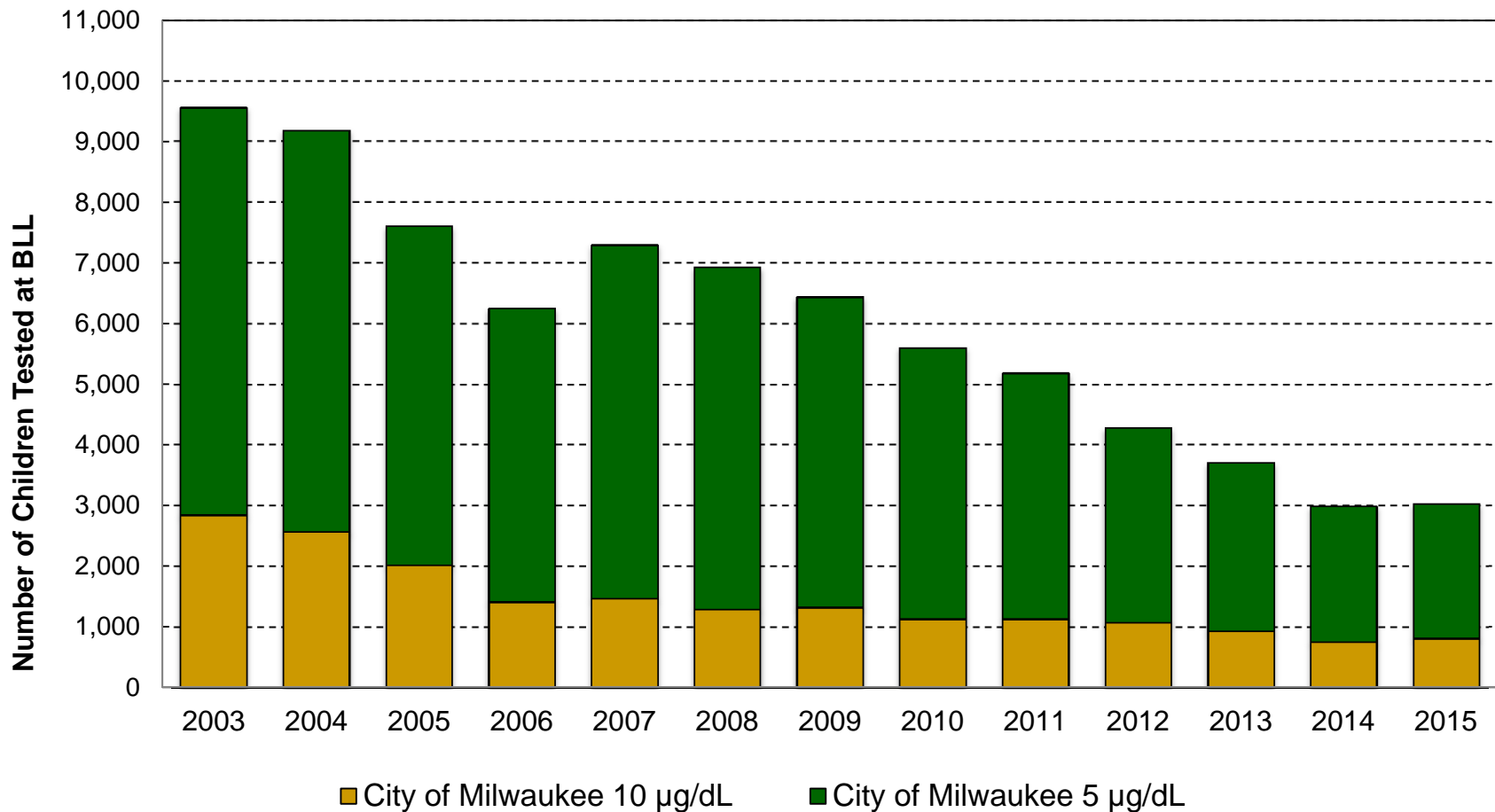
- 0 to 10
- 11 to 20
- 21 to 34
- City Limit
- Interstate



Source: Wisconsin Department of Health Services

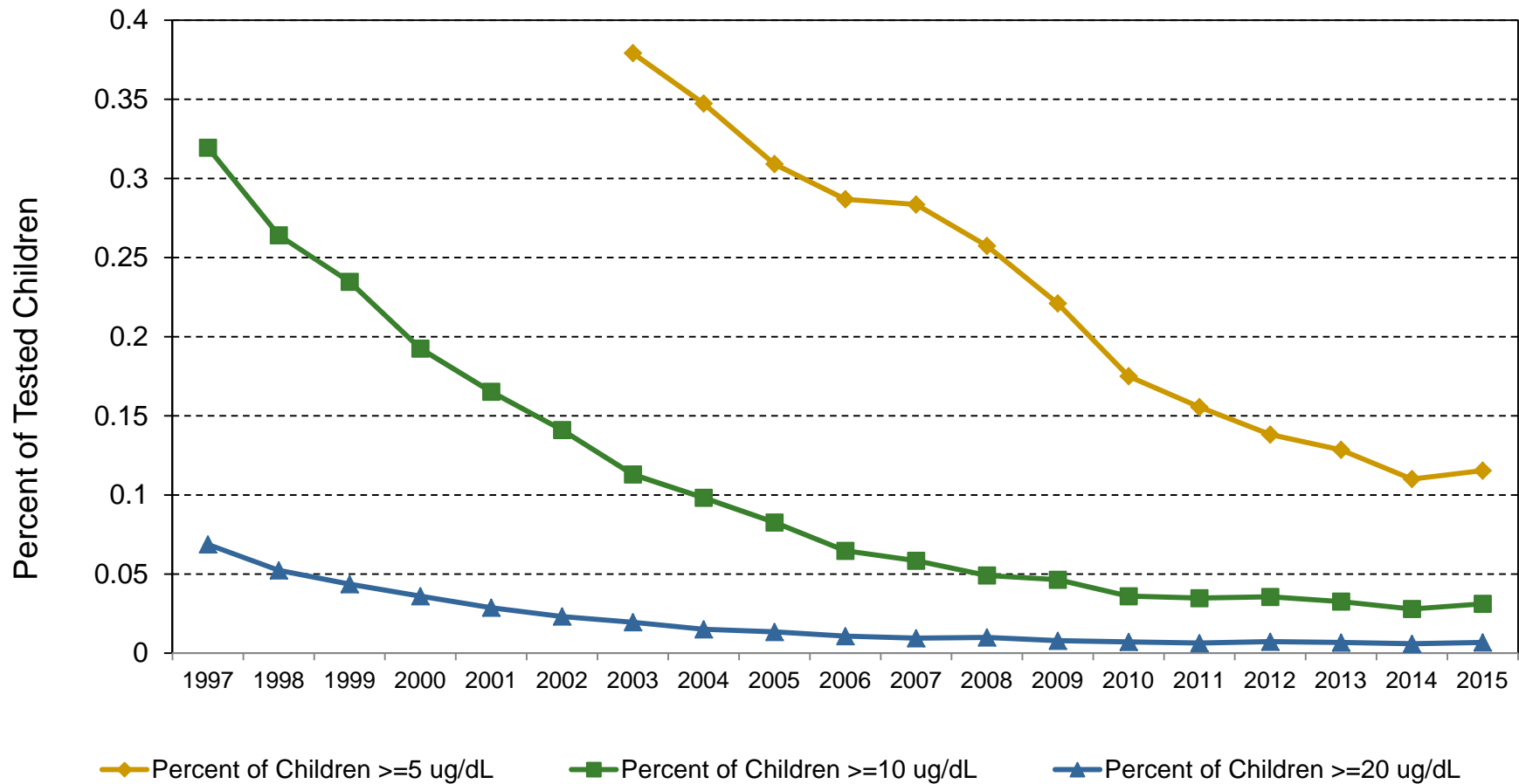
Prepared by City of Milwaukee DOA-BMD-kqp, 04/27/16

Percent of Children < 6 Years of Age with Elevated Blood Levels (>5 ug/dl)



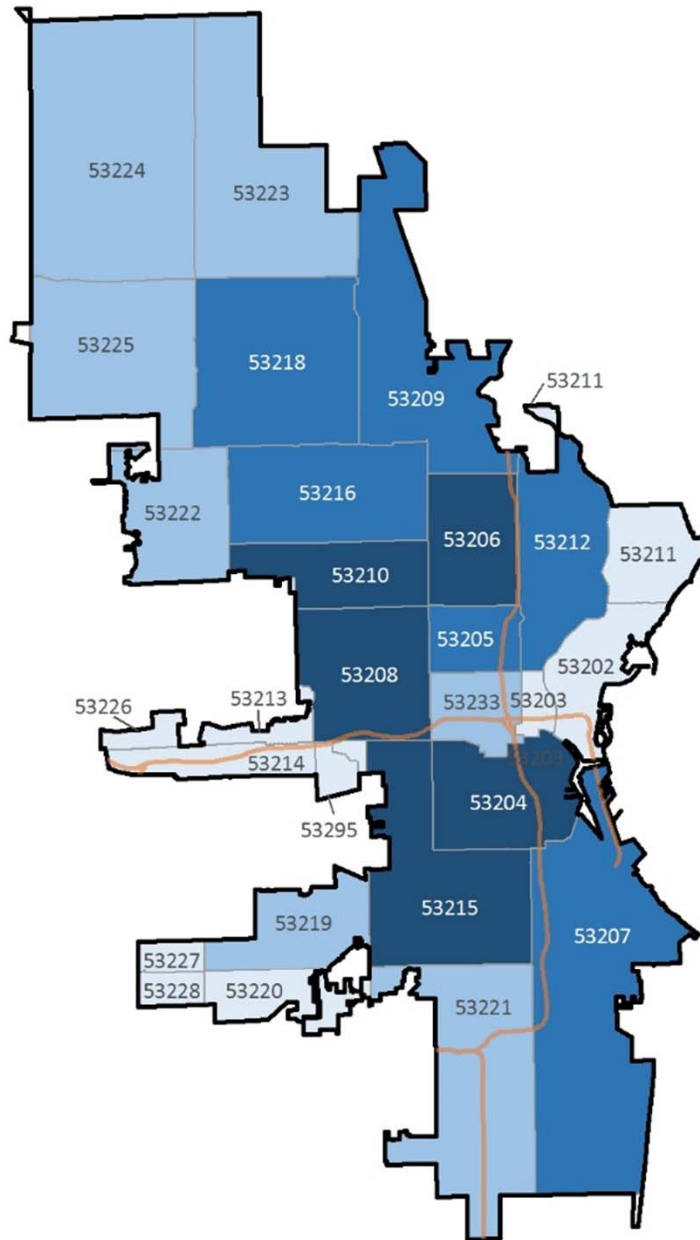
ug/dl = Microgram/deciliter

City of Milwaukee Prevalence Rate for Children < 6 Years of Age with Elevated Blood Level 1997 - 2015



CITY OF MILWAUKEE

Lead Poisoning Cases by ZIP Code (2014)



LEGEND

Number of unique reported cases of lead poisoning ($\geq 5 \mu\text{g/dL}$) in children 6 years of age or under in City of Milwaukee by ZIP Code

- Less than 15
- 15 to 50
- 51 to 200
- Greater than 200
- City Limit
- Interstate



Source: City of Milwaukee - MHD

Prepared by City of Milwaukee DOA-BMD-kqp, 04/27/16

Office of Violence Prevention

Trauma/Youth Violence

Status of City/County – District 7 Response

- ❑ Trauma Response/Community Policing
 - ❑ 110 referrals (April 2016)
 - ❑ Average of 10 youth per month
 - ❑ MUTT TRT has trained over 95% District 7 officers in small group settings

- ❑ Youth Violence
 - ❑ Youth Violence Prevention Manager and Coordinator hired (anticipated start date June)
 - ❑ Discussion with Prevention Institute for city wide violence prevention blueprint planning process. (July-Dec)
 - ❑ Safe Zone RFP Released for priority neighborhoods
 - ❑ Supporting city and community based Safe Summer activities

Key Takeaways

1. Milwaukee faces public health challenges similar to most comparable cities
2. Some improvements achieved, yet significant challenges remain
3. Continue using public health approaches to address youth violence
4. Comprehensive approach required to effectively address Milwaukee's various public health challenges