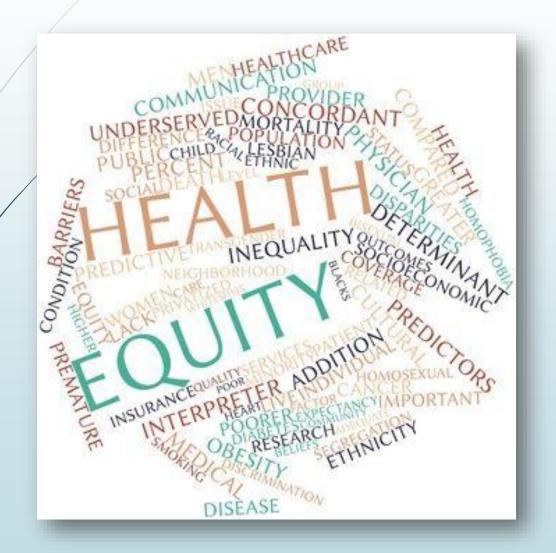
Achieving Health Equity



Public Health Orientation

Madison, WI

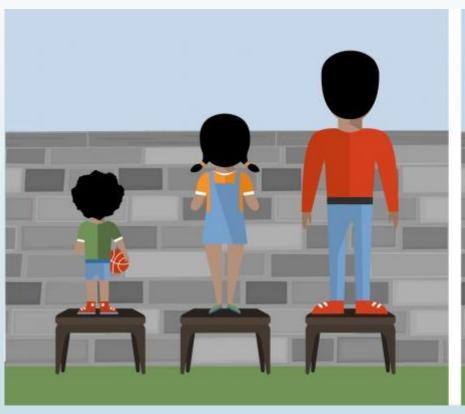
Gwen Perry-Brye, RN-BC, WHNP, DNP, APNP

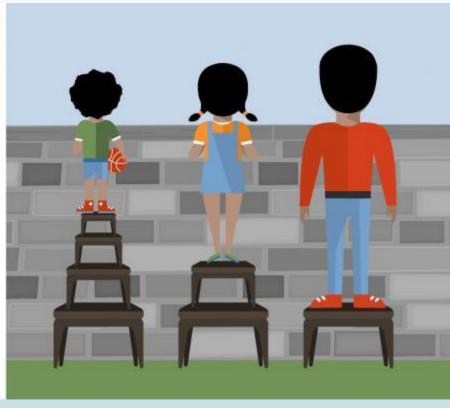
Clinical Services Director/
Assistant Health Officer

Objectives:

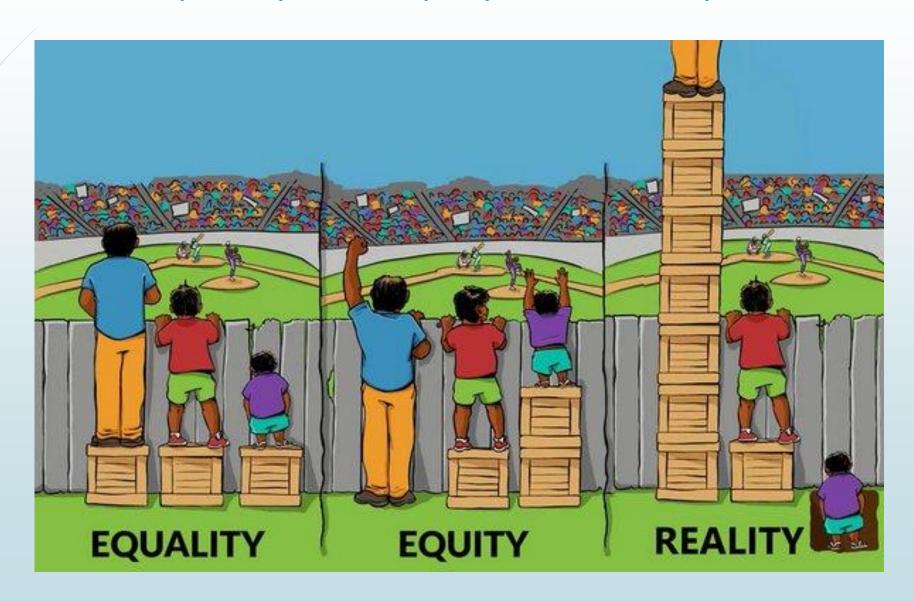
- Discuss how a local health department applied social determinants in implementing public health programs
- Learn ways public health may engage community-driven skills and initiatives to build and achieve health equity.

Equality v/s Equity





Equality v/s Equity v/s Reality



Everybody Has a Story to Tell

- Was there a pivotal moment that led you to public health as a career choice?
- What was it?
- ► How old were you when you first realized that you were different/unique?

What is Health Equity?

- The attainment of the highest level of health for all people (US Dept. of Health and Human Services (HHS) Office of Minority Health (OMH), 2011, Healthy People 2020).
- Achieving Health Equity requires valuing everyone equally with focused and ongoing societal efforts to address avoidable inequalities, historical and contemporary injustices, and the elimination of health and health care disparities.

Health Equity

AN EXPLANATORY FRAMEWORK FOR CONCEPTUALIZING THE SOCIAL DETERMINANTS OF HEALTH

NATIONAL INFLUENCES
GOVERNMENT POLICIES
U.S. CULTURE & CULTURAL NORMS

LIFE COURSE

DETERMINANTS OF HEALTH HEALTH FACTORS POPULATION HEALTH
OUTCOMES

| PREGNANCY |
|--------------------|
| EARLY CHILDHOOD |
| CHILDHOOD |
| ADOLESCENCE |
| ADULTHOOD |
| |

OLDER ADULTS

| ECONOMIC OPPORTUNITY | PHYSICAL ENVIRONMENT | SOCIAL FACTORS |
|--|--|---|
| • Income • Employment • Education • Housing | Built Environment Access to recreational facilities Access to healthy food Transportation Safety Environmental quality | Participation Social network/ social support Leadership Political influence Organizational networks Violence Racism |

| HEALTH BEHAVIORS & CONDITIONS | MENTAL HEALTH | ACCESS, UTILIZATION 8 QUALITY CARE |
|---|--|--|
| Nutrition Physical activity Tobaccouse Injury Oral health Sexual health Health conditions | •Mental health status •Substance abuse •Functional status | Health insurance coverage Received needed care Provider availability Preventive care (immunization and screenings) |

MORBIDITY

MORTALITY

LIFE EXPECTANCY

QUALITY OF LIFE

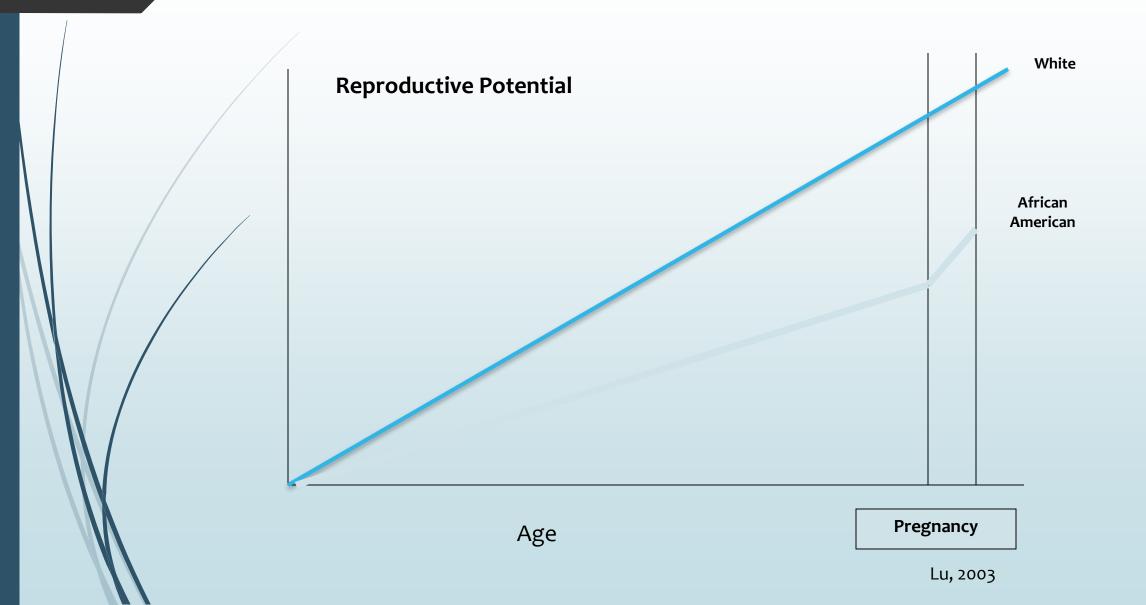
Public Health's Role in Addressing the Social Determinants of Health

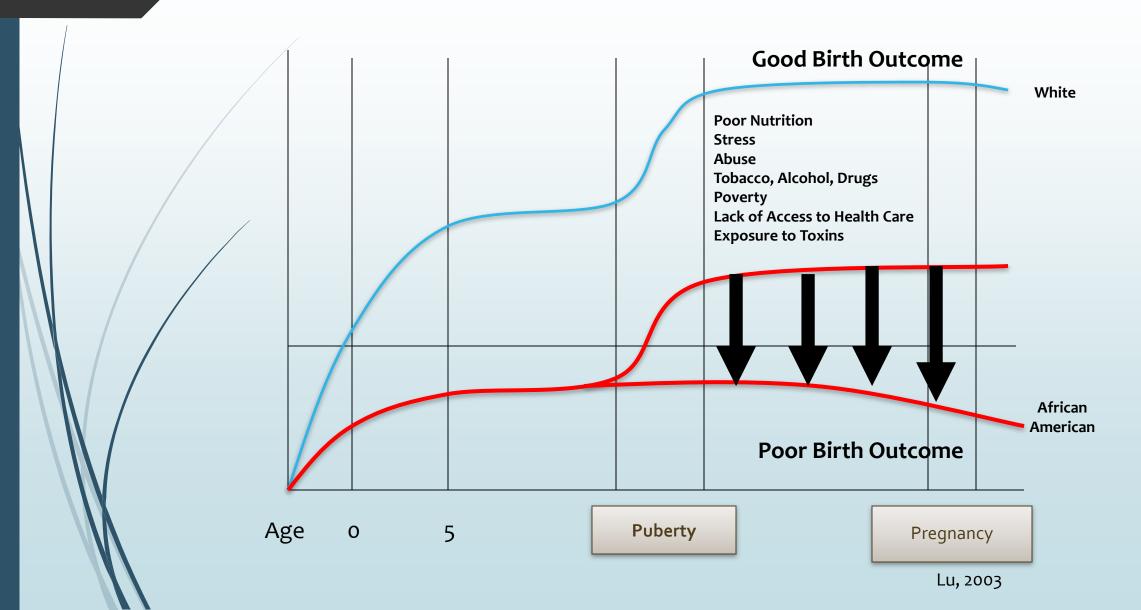
- ·Advocating for and defining public policy to achieve health equity
- . Coordinated interagency efforts
- *Creating supportive environments to enable change

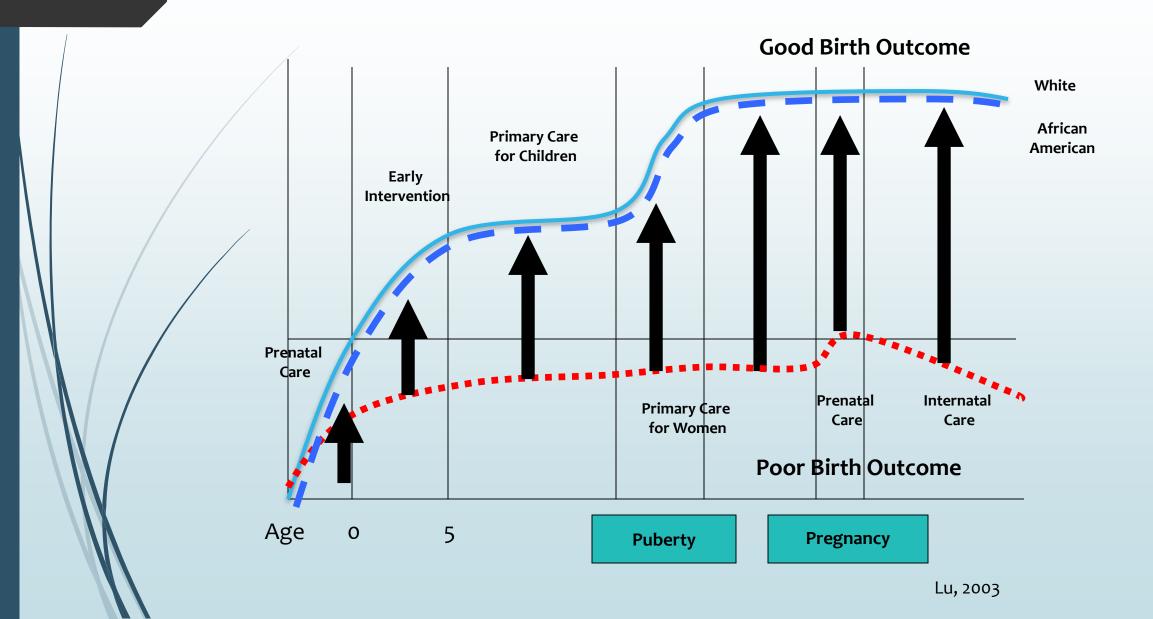
- Data collection, monitoring and surveillance
- Population based interventions to address individual factors
- Community engagement and capacity building



- A way of looking at life not as disconnected stages, but as an integrated continuum.
 - Suggests that a complex interplay of biological, behavioral, psychological, and social protective and risk factors contributes to health outcomes across the span of a person's life.







Health Care Disparities

- Racial disparities exist even when insurance status, income, age and severity of conditions are comparable.
- Racial disparities occur in the context of historic and contemporary social and economic inequality and institutional racism.
- Racial disparities lead to significantly higher death rates in minorities than whites.

Health Care Disparities Impact Child Health and Development

- ▶ Black infants are more than twice as likely as white infants to die before their first birthday.
- Low birth weight and preterm births are highest among poor black children.
- Black children are almost twice as likely to have asthma and 4 times more likely to have elevated blood lead levels than white children.
- ▶ One in four black children are overweight, compared to 1 in 7 white children.

Social Determinants of Health Contribute to Disparities

- Social Determinants are conditions in which we are born, grow, live, work and age.
- These conditions are shaped by the distribution of wealth, power, and resources at the local and national levels.
- ■Institutional racism plays a significant role in social determinants of health.

Social Determinants of Health

- Access of quality health care, providers, specialists.
- Opportunities for gainful employment and economic wealth and power.
- Physical Environmentsafe housing, water, air and neighborhoods.

- Access to education/quality schools/teachers.
- Access to healthy foods, grocery stores.
- Freedom from violence/crime.
- Positive social interactions and relationships.

Achieving Health Equity

- Requires seeing health as a beginning, not an end.
- Requires fighting institutional racism and the root causes of disparities.
- Requires personal responsibility
- Requires political will, economic access and social action.

Is it different from Health Disparities?

- Health equity means social justice in health, (i.e., no one is denied the possibility to be healthy for belonging to a group that has historically been economically /socially disadvantaged)
- Health disparities are the metrics we use to measure progress toward achieving health equity. The reduction in health disparities (in absolute and relative terms) is evidence that we are moving toward greater health equity. (www.publichealthreports.org)

Eliminating Disparities

- Addressing the underlying social determinants of health
- Conditions in which people are born, grow, work and age.
- Circumstances that are shaped by the distribution of money, power, and resources.
- Resources include education, health care, public safety and food access.

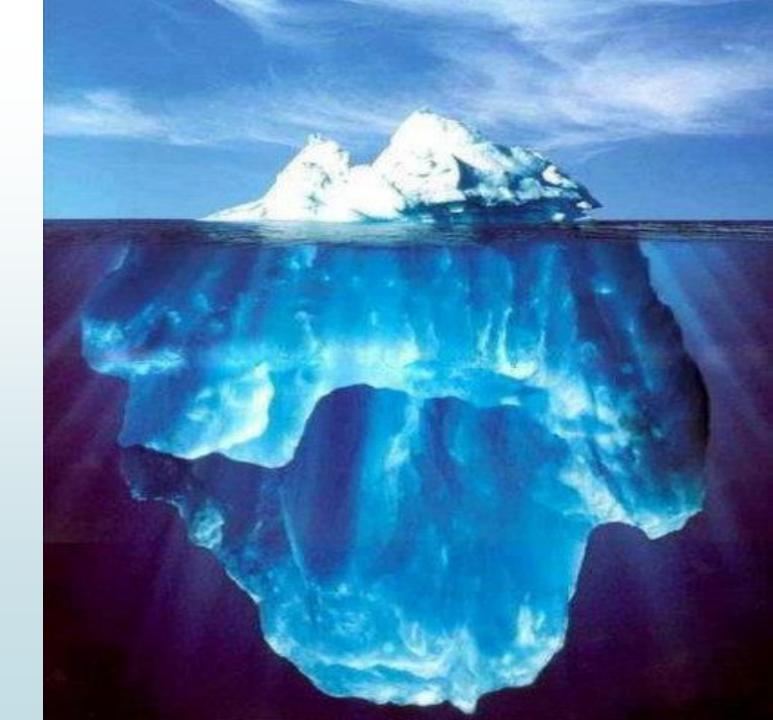
Dialogue- Courageous Conversations

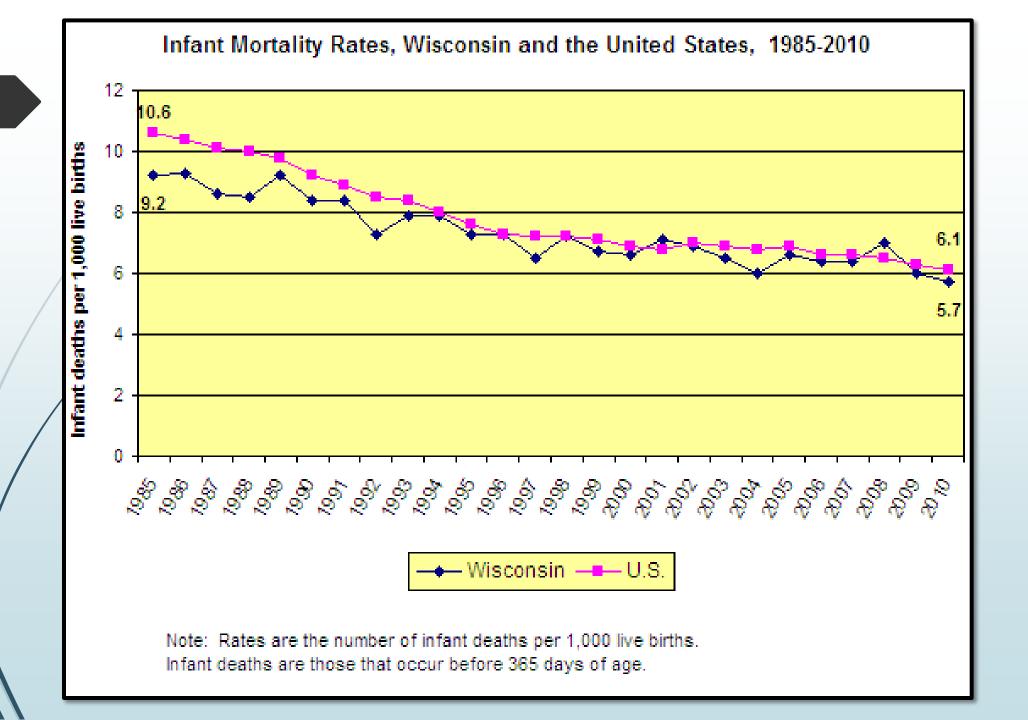
- Discussing the differences and agreeing to four important principles:
 - Stay engaged
 - **■**Experience discomfort
 - ■Speak your truth
 - Expect and accept non-closure

So why is all this important?

- What does the data tell us?
 - Disproportionality
 - History of persistent disparate trends

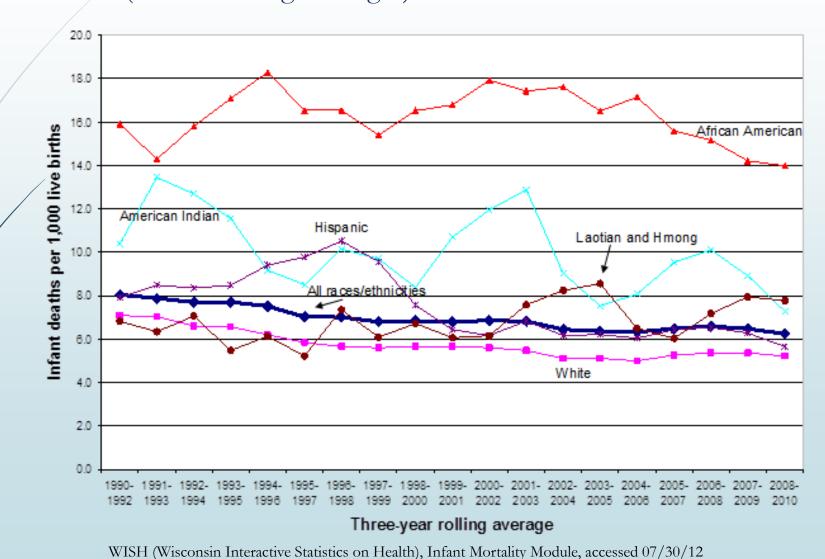
Why is Equity so hard to achieve?







Wisconsin Infant Mortality Rates by Race/Ethnicity 1990-2010 (3-Year Rolling Averages)





Department of Health Services



African American Infant Mortality Rates, reporting states and DC, 2006-2008

| Rank | State | AA IMR | F |
|------|--------------|-----------|---|
| 1/ | Washington | 7.66 | |
| 2 | Oregon | 10.16 | |
| 3 | Rhode Island | 10.56 | |
| 4 | California | 10.72 | |
| 5 / | Mass. | 10.90 | |
| 6 | Iowa | 11.10 | |
| / 7 | New York | 11.29 | |
| 8 | Minnesota | 11.33 | |
| 9 | Texas | 11.69 | |
| 10 | Colorado | 11.97 | |
| 11 | New Jersey | 12.06 | |
| 12 | Kentucky | 12.13 | |
| 13 | Nevada | 12.54 | |
| 14 | Georgia | 12.70 | |
| 15 | Florida | 12.83 | |

| Rank | State | AA IMR |
|------|--------------|-----------|
| | | 11011 |
| 16 | S. Carolina | 12.97 |
| 17 | Maryland | 12.98 |
| 17 | Nebraska | 12.98 |
| 19 | Connecticut | 13.11 |
| 20 | Virginia | 13.40 |
| 21 | Illinois | 13.45 |
| 22 | Delaware | 13.46 |
| 23 | Arkansas | 13.53 |
| 24 | Alabama | 13.73 |
| 25 | Mississippi | 13.82 |
| 26 | Louisiana | 13.88 |
| 27 | Oklahoma | 13.91 |
| 28 | Pennsylvania | 14.14 |
| 29 | Missouri | 14.49 |
| 30 | Kansas | 14.62 |

| Rank | State | AA IMR |
|------|-------------|-----------|
| 30 | N. Carolina | 14.62 |
| 32 | Michigan | 14.70 |
| 33 | Arizona | 14.85 |
| 34 | W. Virginia | 14.93 |
| 35 | Ohio | 15.03 |
| 36 | Wisconsin | 15.14 |
| 37 | Indiana | 15,36 |
| 37 | Tennessee | 15.36 |
| 39 | District of | 17.68 |
| | Columbia | |
| 40 | Hawaii | 18.54 |

Mathews TJ, MacDorman MF. (2011) Infant mortality statistics from the 2008 period linked birth/infant death data set. National vital statistics reports; vol 60 no 5. Hyattsville, MD: National Center for Health Statistics.

24

Infant Mortality Rates, 2004-2008 Selected counties/cities

| State/County City | White | Black | Hispanic | B/W Ratio |
|-------------------|-------|-------|----------|-----------|
| Dane | 4.1 | 7.5 | 5.5 | 1.8 |
| Madison | 4.1 | 8.9 | 5.2 | 2.2 |
| Kenosha | 4.8 | 15.1 | 4.6 | 3.1 |
| Kenosha City | 4.3 | 14.7 | 5.0 | 3.4 |
| Milwaukee | 5.7 | 16.0 | 7.1 | 2.8 |
| Milwaukee City | 6.6 | 16.0 | 6.8 | 2.4 |
| Racine | 6.5 | 22.9 | 10.1 | 3.5 |
| Racine City | 6.0 | 22.3 | 8.6 | 3.7 |
| Rock | 5.1 | 17.7 | 4.5 | 3.5 |
| Beloit | 7.5 | 16.8 | 4.6 | 2.2 |
| Wisconsin | 5.2 | 15.9 | 6.3 | 3.0 |

WISH (Wisconsin Interactive Statistics on Health), Infant Mortality Module, accessed 08/22/12.

Note: 'X' denotes less than 5 events and is not reported.

Timeline of Programs in Kenosha County

- 1996 Implementation of the Kenosha County Child Death Review Team
- 2004 Data showed a historically persistent disproportionately higher infant mortality rate among the African American population.
- 2006 The Black Health Coalition of Greater Kenosha (BHCGK) convened and identifies infant mortality as one of the four health issues to address. Coalition continues to meet quarterly.





To Your Health

Racial comparisons of health care get more study

That health dispurities exist setween whites and blacks in the United States is widely ecognized, with the latter group faring far worse on many major experts are calling new attention. a a heat of leasur-known Efferences within the black sepulation that they say may the entries of such districts of such about how to address them.

A small but growing body of research shows health dispartitus between runtive-horn blacks and ereign-born blacks living in the United States, Carlotta Artisur, researcher in the Department of Afro-American Studies at Smith College, in Northampton, Mass. recently highlighted some of these differences in the Journal of Health Care for the Pour and Underserved, in a review article. she clies evidence that paints a better overall picture of health for foreign-born blacks than their U.S.-born counterparts — at least

Upon arrival, for instance, black immigrants have been shown to have lower rates of cardiovascular disease, cancerhypertension, obssity and overall

U.S.-born blacks. Yet this rebustness may drop with yours. concern for health immigrant advacacy

"Much of the research out there doesn't bother to team opert these differences among blacks," said Arthur, "But 'blacks' in this country are not homogenous group," she said. They include immigrants from Africa, Central and South

America, and English. Preachand Dutch speaking Caribbean nations, as well as people now known as African Americans."

Better understanding is needed Better understanding of such bealth disparities is critical to improving care and controlling Raymard Kingston, deputy director of the National Institutes of Health.

inunigrants, mostly from the Caribbean and Africa, account for a large part of the growth in the country's black population over the past 25 years. Arthur Washington area, African

percent of the ferolan-horn population (the second highest concentration is the

Barnber chose to

85,800, according to U.S.
Cessus data. Immigrance
from Elispie, Nigeria and
Ghana comparior seasity at
percent of that figure, forms! 2005 Brookings Institution report. Adding black immigrants from outside

Africa brings the estimated count of recent black immigrants to the Washington area to well over 180,800, according to some

While the reasons for an initial immigrant bealth advantage are not entirely clear, one theory the idea that healthier people tend to migrate. Other theories credit higher education and serioeconomic status, lower-fat. diets and tighter social networks

But Winston Price, immediate nist president of the National dedical Association, an advocacy group for physicians and patients of African descent, feors the loss of these health advantages over time. He and other experts predict that the they are lost." assimilation process and

decline in bealth status, a finding over growing health risks. consistent with data on other

Another factor: obstacles to sccessing health care. These may include an inability to speak introignants were also less likely than U.S.-born blacks to have a English, a lack of health neurance and discrimination bian and stereotyping -- by health previders. "Whenever there are barriers to navigating the health care system, people will have poster estoames," said.

'They are lost'

Vera Ope You-Arma, vice president of the African Wemen's oncer Awareness Association (AWCAA), a Maryland-based health advocacy group, agrees. Her experiences working with system dounting.

"I may not have hard numbers but I come across these people every day who say, There cannor. Where do I go? What do I do?" " Yan-Arms said. "The better than ours, but at horse we have family to help us nevigate it. Here, most of our people dealt to for early screening because

contribute to the problem. Looking beyond race

In response to oursest disparities and fears over future trends, some expects are calling for more resourch that looks

screenings for ourtain black

immigrant groups compared with U.S.-born blacks. Black

regular place to go to for health

born blacks, disporities between

blacks and whites could grow

Data show that U.S. blacks

generally lag far behind whites

example, are below as high

arnong blacks as whites,

on many health measures. Death

according to the National Corner

socioeconomic status among U.S.

mentioned for black inunigrants)

for Health Statistics. Similar

gaps exist for obesity, cancur and infant mortality. Lower

blacks as well as harriers to

second intralar to the ones

cure. Some four that if each

patterns continue for black

introducents, along with the

even larger.

ses and length of residence to the United States. They claim differences within black communities can provide nev disportises and addressing populations at risk.

According to Arthur, cultudifferences works by address by printing health literature i many languages and promot survices that respect different belief systems. Other efforts could address sucial

determinants of health cure discrimination, psychologica stress and economic issues.

"The same thing has alread happened with other minerity groups, including Latinos and to start doing it for the black

NIH's National Center for Minority Health and Dispariti established in 2000, has alread begun to forus its research or this problem. Other institution conducting their own stud to address the issue.

Arthur applicade the move After all," she said, "we may have come here on different boats, but we're all in the san

Timeline of Programs in Kenosha County cont.

- 2008 The Kenosha County Division of Health (KCDOH) and Kenosha/Racine Community Action Agency – Women, Infants, and Children (WIC) program collaborate to provide an intensive Pre-Natal Care Coordination (PNCC) program to address infant mortality with pregnant African American women as the target population.
- 2008 Infant Morality Delegation (IMD) formed to address the high rate of African American infant mortality.

2008

Stress from racism may be factor in high black infant deaths

BLACK INFANTS

in Kenosha

County are more

than seven times

as likely to die

than their white

counterparents.

according to

United Way data,

positive home life. She to

potente@venoshonevs.com

Researchers ouggest chronic stress caused by racing could play a major role in the frametically higher cutes of infant mor-tality within the black com-

The exection him home in Konzelm County, which has one of the highest black infant mortality rates in the state. Wisconsin, in turn, has one of the castion's high-

An ongoing discussion of the lawse continued at the Europha Public Museum Pridux, where the United Way of Kerneha County, the siltion of Greater Reseshaheld the latest in a series of

institution of the definition of the following large in the followin

County are more than serven ringes between the biffus times as likely to die than of her first and second hiltheir white counterparts, dren, in spite of her ster- unit deing things," I seconding to 2008 data far. tion to pressual care number unit, "I's institutional."

positive home 109. Set re-ordy had a bird, sames-na inflart mortality sate of 1.88 per 1.00 befus, the black rate samed to 3815 per 1.00.

The Hispanic rate landed
the copyrimmed as a best

roughly in the middle, at expectant nother.

Though the said the inf A feed cradition was formed in February to begin that he would said her -on.

corried in Processity to logical color has would safe her —one colors were the dispersity.

Markot said eight lead to mainlife constained — I see these, the United Way has Calvent for the training house the Color to the training house the color to the training house the color to the color t

and shade being of ranism as and shade being of ranism as a streamer was a force of Fri Say's meeting, where attention was forced and discussed. The being of ranism as the stream of the streamer was the streamer with the Sough Breaka was the streamer was the st

a Fife documentary on the hep-thoday in.
Two Chimgo physiciens seeking to solve the mystery of excital pediatric health
Cutteach Center at Gace of excital pediatric health
Cutterent Charris, associate disparities found that pre- believes it is key to projide



Ratherina Marka, chief overalthe officer of the United Way of Hassaha County, speciel fricks; on efforts to reduce the area's black larker revisitly rate. The United Way and other organizations co-basted the seems in a series of meetings on the issue, driver by

African American methors with more protective fac-tors, to help them swercome

mature delivery maning with more protective fac-blooks remarked higher, core, to help litten recreases requestions of the modular's manufacture orac-posed and the modular's manufacture orac-found the unsequal trans-neut of abbits absorbers in the proof of the delivery of the in American society could have been a society could be to bloace of health ab-paration, even before cities in following society of cour-pers of the country of the country of the particular of the country of the country of the Characteries Lewis to the foreign over to and the

our new location *** today!

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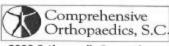
An Eric Natal Roof will keep your home cooler in the Summer and warrier in the winter

Call today to see if you qualify, hist only will you more the best page goseible, but we will give you appear to the money down bank financing with very affractive rates and torms.

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Local News

KENOGHA NEWS I WEDNESDAY, AUGUST 20, 2008 / A3

Fire displaces nine

A fire in the upstairs bedroom of a home on blanday has displaced nine people. According to Ecropha Fire Department Ratto, ion Chief Matt Hastber, Grefighturs responded to the fire at 2008 315 St. around Hill p.m. and. found heavy smoke and fairnes on the second floor

faines on the second floor of the beam.

The fire wax earling parameter is dight minutes. There were no injuries, that the change was shown that the change was shown assisting from shall well low children the parameter of the children the parameter of the children of th

Prenatal care alarm sounds

Obshowedderoconcurses to be the first of the

Hospital groups to work on balancing doctors' caseloads of Medicaid moms

Representatives from the country's two largest medical groups have agreed to work on holosting the caseland for doctors seeing pregnant mores on Med-tonic, but they will ultimately used the

Congenition of a number ductors in Renocha County.

Javon Helgerson, Medicald director for the state Deportment of Health and

for the state Deportment of Health and Family Services, eath officials from Acrows Medical Center, America Medi-al Green, Ordan Hospital Spission and Medical Center (Medical Hospital Spission and week to work on the learn His way induced in the con-with two competitors. Halperson and We brought the data we had, which summarises the temples of Medicals Officery chilants the doctors are deliver-coding to the contract of the con-traction of the contr ing and by what groups and individual

doctors."
According to data compiled by the state through July 2008:

The 11 dectors with the Aurora

sils: Area Medical Group delivered ■ The four doctors at United Medical

Group delivered 180.

It is: Timethy Zelko delivered 142.

The three independent doctors with Midwest Center for Women's Health de-

Evered 86.

© Other decture delivered 42 imbies. tended the meeting accepted the con-clusion that Zelko has delivered more than his fair share of babies and that his

"They didn't dispute the numbers," Heightson said. "They were able to agree there was a problem and that there was a significant increase in the cascional Zeiko has seen. They also agreed that it wasn't a good situation and it was not sustainable... Falls have no desire to be

Officials with Appear decision to ones ment specifically on the meeting, but they did here a statement saying "We are interested in being part of the saintion, and we are committed to working with others in the community to find a

Ric Schmidt, president and CEO at United Hospital System, said he felt the meetings went very well and the focus will now be on analyzing whether there

truly is a problem, how serious it is and if it is an immediate problem, 700 one can debate what Dr. Zelko is doing," Schenich sold, "... But a man-

Still, Schmidt said the focus will be on how obstetricions can aprend out the number of Medicaid patients they are

Timeline of Programs in Kenosha County cont.

- 2008/2009 Infant Mortality Delegation (IMD) facilitated three Town Hall meetings:
 - "Infant Mortality Crisis in Kenosha County"
 - "When the Bough Breaks"
 - "Healthy Babies, Brighter Futures"
- 2009 Workgroup formed with support from IMD and BHCGK to complete the RFP for the Lifecourse Initiative Grant.
- 2010 Kenosha Lifecourse Initiative for Healthy Families grant is awarded.

Infant Mortality Rates, 2006-2010 Selected counties/cities

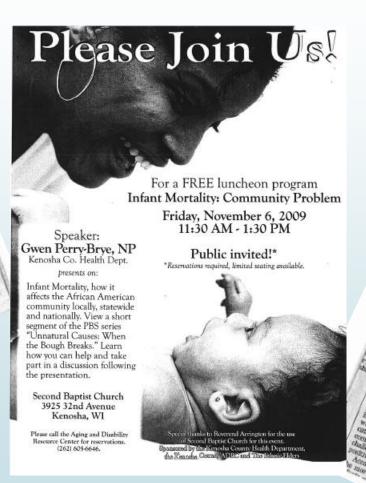
| State/County City | White | Black | Hispanic | B/W Ratio |
|-------------------|-------|-------|----------|-----------|
| Dane | 4.1 | 12.2 | 4.2 | 3.0 |
| Madison | 5.2 | 14.5 | 3.2 | 2.8 |
| Kenosha | 5.3 | 8.2 | 4.4 | 1.5 |
| Kenosha City | 4.8 | 7.6 | 4.8 | 1.6 |
| Milwaukee | 5.4 | 15.0 | 7.2 | 2.8 |
| Milwaukee City | 5.8 | 15.0 | 7.2 | 2.6 |
| Racine | 6.5 | 18.1 | 8.8 | 2.8 |
| Racine City | 6.3 | 18.4 | 8.0 | 2.9 |
| Rock | 6.2 | 17.0 | 6.8 | 2.7 |
| Beloit | 8.8 | 13.8 | 4.5 | 1.6 |
| Wisconsin | 5.2 | 14.7 | 5.9 | 2.8 |

WISH (Wisconsin Interactive Statistics on Health), Infant Mortality Module, accessed 08/22/12.

Note: 'X' denotes less than 5 events and is not reported.



2009-10



Moms-to-be who are on Medicaid get helping hand

black infant

death rate focus of talk

Local

EVENTS

Infant mortality

KENOSHA - The

Kenosha Lifecourse Initia-

tive for Healthy Pamilies will held an informational

observation of National

Infant Mortality Aware-

ness Month on Friday?

and a reading of procin-

mations will be included

at the event, 10:30 a.m. to

noon in conference rooms N1 and N2 at the Kenosha

County Job Center, 8600

The initiative is an

health care providers

to developing an action

plan to address Kenosha

County's relatively high infant mortality rate, par-

ticularly among African-

volving partnership of

community organizations local governments and stakeholders committed

focus of event

'Pre-natal care navigator' hired for Kenosha County

BY DENIEN SMITH

Medicaid patients seeking prenatal care in Kenosha will now have an advocate helping them find physicians willing to provide care.

Karen Timberlake, the secretary of the Wisconsin

> Services innounced Wednesday that the state has hired a

link patients

with doctors willing to provide prenatal care and obstetric care for women on Medicaid.

Timberlake said state has also reached an agreement with United Hospital System, Aurora Healthcare and independent physicians ensuring that there will be more than a dozen doctors in Kenosha County willing to take patients with Medic aid insurance.

Late last year, representatives of Aurora and United met with the state to work on balancing the raseload among doctors

See **HELP**, Back page

2009-10 (cont'd.)



2013



Editor: Stove Lund | (262) 656-6283 | slund@kenoshanews.com

Real progress reducing infant mortality

ounty health officials and local medical providers should be celebrating the news that the infant mortality rate in Kenosha County's black population has fallen significantly.

In 2011, the black infant death rate was 4 per 1,000 live births, significantly below the level it has been in recent years. Over the last 10 years, the mortality rate for black infants was 11.2 per thousand. It fell to 8.3 in 2009 and 6.5 in 2010.

The mortality rate for white infants was 4.6 per 1,000 live births in 2011, which is close to the 10-year rate of 4.8 per thousand.

The large gap in mortality rates for black and white infants stirred a significant response in Kenosha in 2008. That summer, the United Way of Kenosha County organized a community meeting to discuss the state Department of Health's statistics that showed the

OUR VIEW

mortality rate of black infants was 18 per thousand, while the rate for white infants was 4.1.

The chief medical officer for the Wisconsin Division of Public Health was at that meeting, and he said the community should be "up in arms."

And the community did figuratively take up arms in a battle to provide better communication and better services to black mothers.

The United Way, the Kenosha County Health Department, the County Board's Human Services Committee, the Kenosha Community Health Center, hospitals, doctors, the state Department of Health and the Black Health Coalition all got involved in the effort to reduce infant mortality.

In 2009, a "pre-natal care navigator"

position was established to help link patients with doctors, and various organizations also worked to get more doctors to accept pre-natal patients on Medicaid, the government insurance plan that pays doctors less than private insurance.

Health Care credited the communitybased approach with making the difference, and both he and County Health Director Cynthia Johnson said the effort now needs to be directed as sustaining the effort.

We hope they are successful in sustaining these results, but what they've done already is important. The statewide infant mortality rate is 6.15 per thousand live births. In Kenosha County, it's lower

Other counties with significant black populations should be looking at Kenosha to see if they can duplicate the successes that have been achieved here.

On Monday, Dr. A.J. Capelli of Aurora

than that for black and white babies.

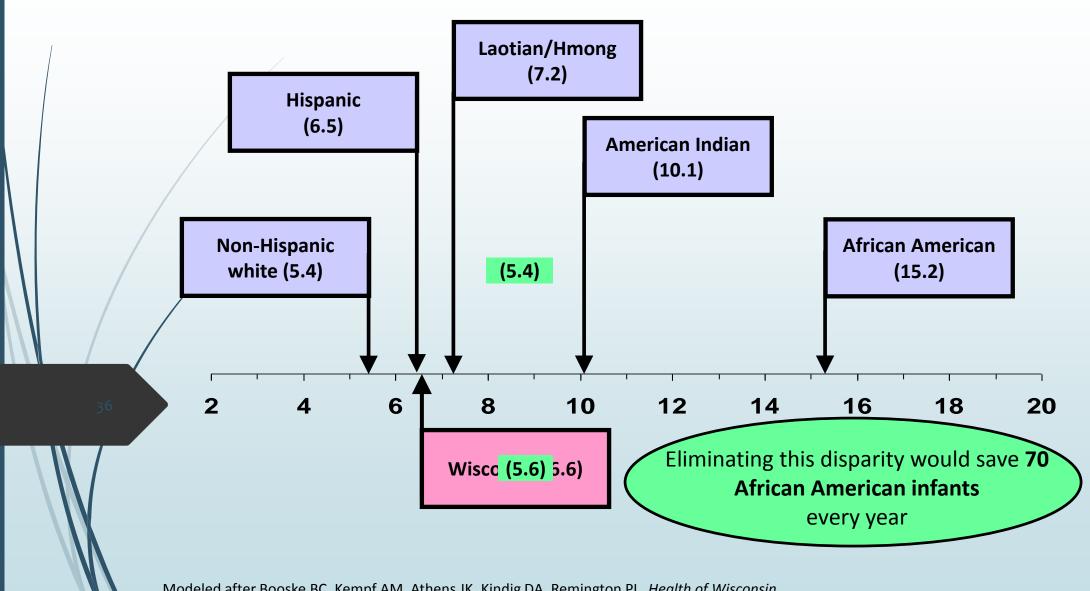
Infant Mortality Rates, 2013-2015 Selected counties/cities

| State/County City | White | Black | Hispanic | B/W Ratio |
|-------------------|-------|-------|----------|-----------|
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| Madison | 4.1 | 11.7 | 4.8 | 2.8 |
| Kenosha | 5.4 | 13.3 | 4.6 | 2.4 |
| Kenosha City | 6.0 | 12.6 | 3.2 | 2.1 |
| Milwaukee | 5.1 | 14.0 | 5.5 | 2.7 |
| Milwaukee City | 5.3 | 14.0 | 5.6 | 2.6 |
| Racine | 5.3 | 16.5 | 6.6 | 3.1 |
| Racine City | 6.0 | 16.8 | 7.3 | 2.8 |
| Rock | 4.5 | 15.5 | 3.4 | 3.5 |
| Beloit | 5.4 | 14.1 | 3.0 | 2.6 |
| Wisconsin | 4.8 | 13.9 | 5.3 | 2.9 |

Note: 'X' denotes less than 5 events and is not reported.

Wisconsin Infant Mortality Rates

(Per 1,000 live births, 2006-2008)



Modeled after Booske BC, Kempf AM, Athens JK, Kindig DA, Remington PL. *Health of Wisconsin Report Card*. University of Wisconsin Population Health Institute, 2007.

MODEL PROGRAMS











Kenosha County Comprehensive Home Visiting Program

- The KCCHVP Parents As Teachers (PAT) and Nurse Family Partnership (NFP) program offers case management and health education for pregnant women. These programs are designed to improve healthy birth outcomes for families.
- Since the collaboration with KCDOH and WIC in 2008, potential referrals have steadily increased and more women are receiving the care and services they need.



Kenosha - NFP

- First time moms
- **■**Low Income
- < 28 weeks pregnant</p>
- Voluntary
- Work with the woman until the babies turn two



Parents As Teachers

- Enrolled in BadgerCare+
- ≥ 4 risk factors
- Voluntary
- Work with women until the child is three years of age

The true measure of a nation's standing is how well it attends to its children – their health and safety, their material security, their education and socialization, and their sense of being loved, valued, and included in the families and societies into which they are born.

> UNICEF, Child poverty in perspective: An overview of child well-being in rich countries, Innocenti Report Card 7, 2007, UNICEF Innocenti Research Centre, Florence.

Umoja Swahili meaning – Unity the spirit of togetherness

The ties that bind us are stronger than... Whatever separates us and the memory of who we are and the knowledge of what we must do will empower us to save our own lives.



THANK YOU!!!!!

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