

Unequal Burden: Social and Health Disparities in Minority Women in Alabama

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What is Social Disparity?

- **Social disparity refers to systematic differences in levels of underlying social advantage or position in a social**

What is Social Disparity?

- **In the US, social advantage or position is most often reflected by economic resources, occupation, education, racial/ethnic group, gender, sexual orientation, and other characteristics associated with greater resources, influence, prestige, and social inclusion**

What Is Health Disparity?

- **Health disparity is a difference whereby socially disadvantaged groups - such as the poor, racial/ethnic minorities, etc. - systematically experience worse health or greater health risks than the rest of the population**

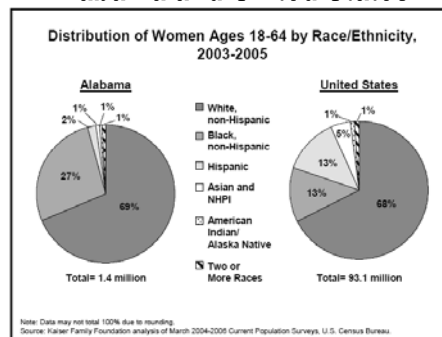
What Is Health Disparity?

- **Pursuing health equity means elimination of such health disparities/inequalities**

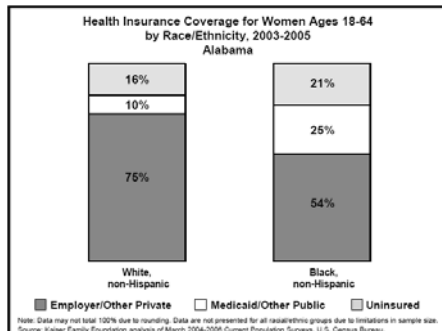
Burden of Disease

	Alabama	United States
Women with High Blood Pressure, 2007	33%	27%
Women with Arthritis, 2007	38%	31%
Women who Visited the Dentist in the Past Year, 2006	69%	72%
Teen Birth Rate Per 1,000 Population Ages 15-19, 2006	54	42
Preterm Births as a Percent of All Births, 2006	17	13
Infant Mortality Rate (Per 1,000 Live Births), 2003-2005	9	7
Overweight and Obesity Rates for Women, 2007	73%	52%
Number of Heart Disease Deaths Per 100,000 Pop., 2005	222	172
Number of Diabetes Deaths Per 100,000 Pop., 2005	26	22

Distribution of Women by Race/Ethnicity: Alabama and United States



Women's Health Insurance Coverage: Alabama



Women's Health Status in Alabama

Health Status	All Women in the United States	ALABAMA					
		All Women	NH White	NH Black	Hispanic	Asian and NHPI	AI and AN
Fair or poor health status (%)	12.8	14.3	12.0	21.2	--	--	--
Diabetes (%)	4.2	5.4	4.3	7.8	--	--	--
Cardiovascular Disease (%)	3.2	4.4	4.6	3.6	--	--	--
Obesity (BMI ≥30) (%)	22.7	28.4	23.6	43.0	--	--	--
Cancer mortality rate (per 100,000)	162.2	164.8	161.3	179.3	53.4	73.1	73.6
New AIDS cases (rate per 100,000)	9.4	7.8	2.1	23.4	6.6	6.0	0.0

Women's Health Care Access and Utilization

Health Care Access and Utilization	All Women in the United States	ALABAMA					
		All Women	NH White	NH Black	Hispanic	Asian and NHPI	AI and AN
No personal doctor/health care provider (%)	17.5	16.4	15.4	19.0	--	--	--
No doctor visit in the past year due to cost (%)	17.5	23.0	20.8	27.8	--	--	--
Late initiation of or no prenatal care (%)	16.2	16.3	10.0	24.5	46.9	12.6	18.6
No dental check-up in the past two years (%)	28.7	28.5	25.8	34.1	--	--	--
No health insurance (%)	17.7	18.1	15.8	21.0	--	--	--

Social Determinants of Women's Health

Social Determinant	All Women in the United States	ALABAMA					
		All Women	NH White	NH Black	Hispanic	Asian and NHPI	AI and AN
Women living in poverty (%)	16.4	21.0	15.1	35.0	--	--	--
Median household income (\$)	45,000	38,200	49,460	20,000	--	--	--
Women without a HS diploma (%)	12.4	13.3	12.0	16.5	--	--	--
Women in female-headed households with children (%)	22.1	25.5	14.5	49.5	--	--	--
Gender wage gap (compare to White men working full-time, year round) (%)	69.2	69.4	76.2	55.8	--	--	--

Place Matters



Black Belt, Alabama

Place Matters

	Lowndes County	Shelby County
Low birthrate	12.4%	8.0%
Single-parent households	15%	7%
Children in poverty	43%	9%
Access to healthy foods	20%	53%
Violent crime rate	435	127

Place Matters

	Lowndes County	Shelby County
Binge drinking	16%	11%
Chlamydia rate	1,097	127
Teen birth rate	72	30
High school graduation	47%	84%
Motor vehicle crash death rate	51	18

Place Matters

	Lowndes County	Shelby County
Adult obesity	40%	28%
College degrees	12%	39%
Unemployment	10%	3%
Primary care provider rate	16	123
Hospice use	28%	45%

The University of Alabama at Birmingham



Mona Fouad, MD, MPH
Director

Edward Partridge, MD
Co-Director

UAB Minority Health and Health Disparities Research Center (MHRC)

- The MHRC is a comprehensive research, education, and outreach center focused on eliminating the health disparities of racial and ethnic minorities and underserved populations locally, regionally, and nationally

UAB Minority Health and Health Disparities Research Center (MHRC)

- This mission of advancing health equity is achieved through:
 - State-of-the-Art Research
 - Training and Career Development
 - Community Outreach
 - Dissemination of Information

MHRC Research Program

- Goals
 - Stimulate interdisciplinary research to understand the underlying causes of health disparities and test innovative interventions to eliminate them

MHRC Research Program

- Goals
 - Leverage and expand available resources to help MHRC members compete effectively for external funding in health disparities research
 - Disseminate evidence-based interventions to clinicians and communities

Eliminating Health Disparities: Delivery to Delivery



Eliminating Health Disparities: Delivery to Delivery

- Understanding and addressing the root causes of health disparities requires an interdisciplinary approach:
 - Biologic
 - Socioeconomic
 - Behavioral
 - System
 - Policy

MHRC Training Program

- Goals
 - Provide training and career development opportunities for minority students and investigators
 - Train and develop a cadre of investigators with expertise in health disparities research

MHRC Training Program



Through partnerships with historically black colleges and universities, the MHRC has built a pipeline of minority scholars and healthcare professionals.

MHRC Community Outreach Program

- **Goals**
 - Serve as the link between UAB and the surrounding communities
 - Expand the existing partnerships with minority communities and organizations, health care providers, state agencies, and grassroots groups

MHRC Community Outreach Program

- **Goals**
 - Implement health education and promotion programs in low-income communities
 - Develop healthy communities from within by empowering people to prevent disease and stay healthy

MHRC Community Outreach Program

- **Building Healthy Communities** has served more than 11,000 people in 12 Alabama counties and 8 Birmingham communities through health screenings, health talking circles, neighborhood events, and programs for nutrition and physical activity

WALK



- **WALK** is a community-based program for physical exercise accessible to low-income people, has more than 3,000 participants organized in teams

Healthy Happy Kids



- **Healthy Happy Kids** is an afterschool program for nutrition and physical activity, has served more than 500 children in 9 schools in the Greater Birmingham area

Recruitment and Retention



UAB THE UNIVERSITY OF ALABAMA AT BIRMINGHAM

FACES Facility for Access to Clinical Enrollment Services

Recruitment and Retention

- Assist with recruitment and retention of minority participants into research studies
- Train volunteers as patient navigators and community health leaders

Philanthropic Fundraising



- The annual MHRC Gala held in September has an average of 600 attendees and raises an average of \$300,000

Philanthropic Fundraising



- Casino Royale, the annual fundraising event of the Minority Health Young Professionals Board, is held in June and benefits the Healthy Happy Kids program

Advancing Health Equity



UAB MINORITY HEALTH & HEALTH DISPARITIES RESEARCH CENTER

<http://mhrc.dopm.uab.edu/>