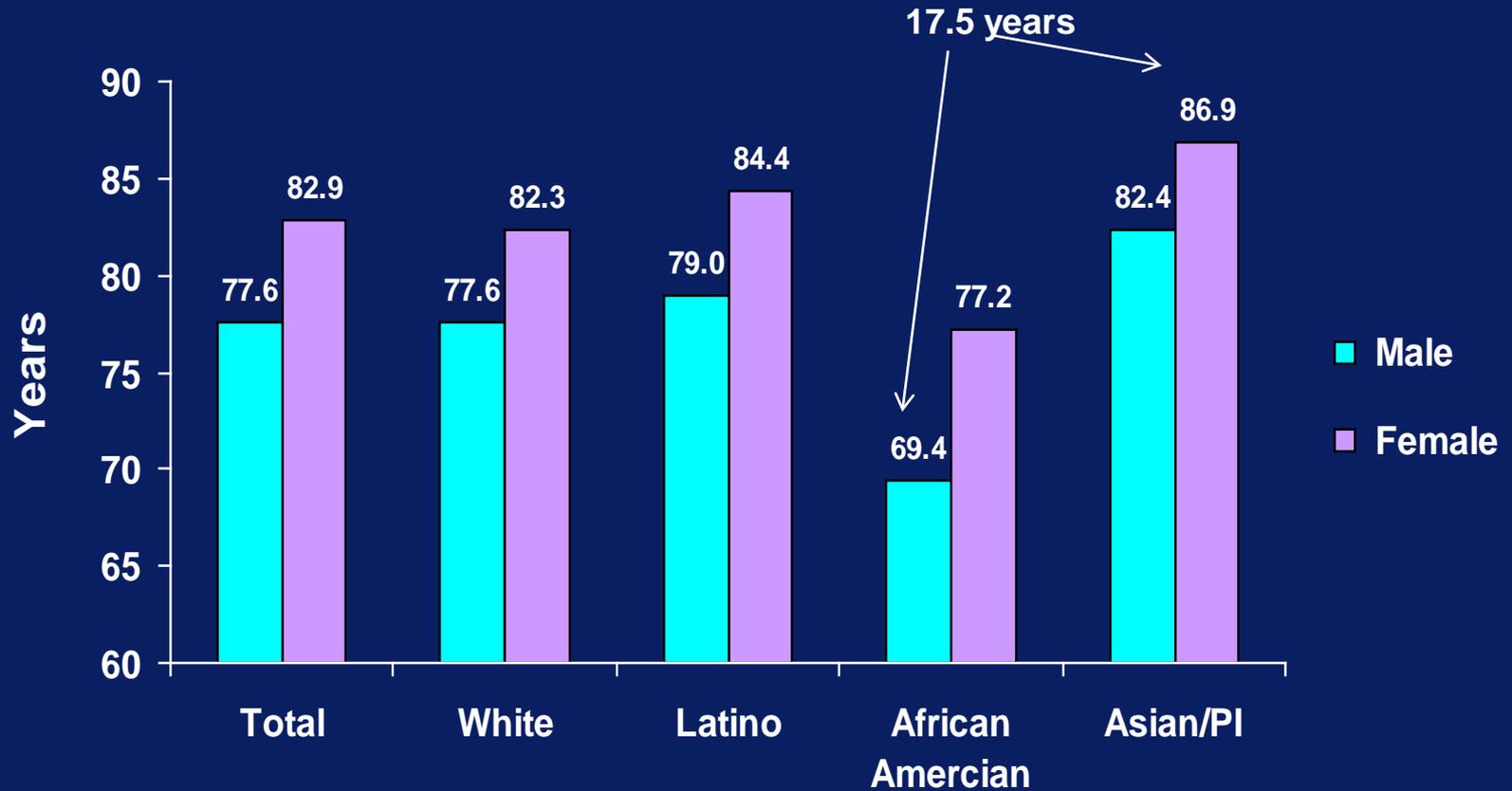


Reducing Health Disparities- Increasing Health Equity

*Jan B. King, MD, MPH
Area Health Officer
West and South Los Angeles*



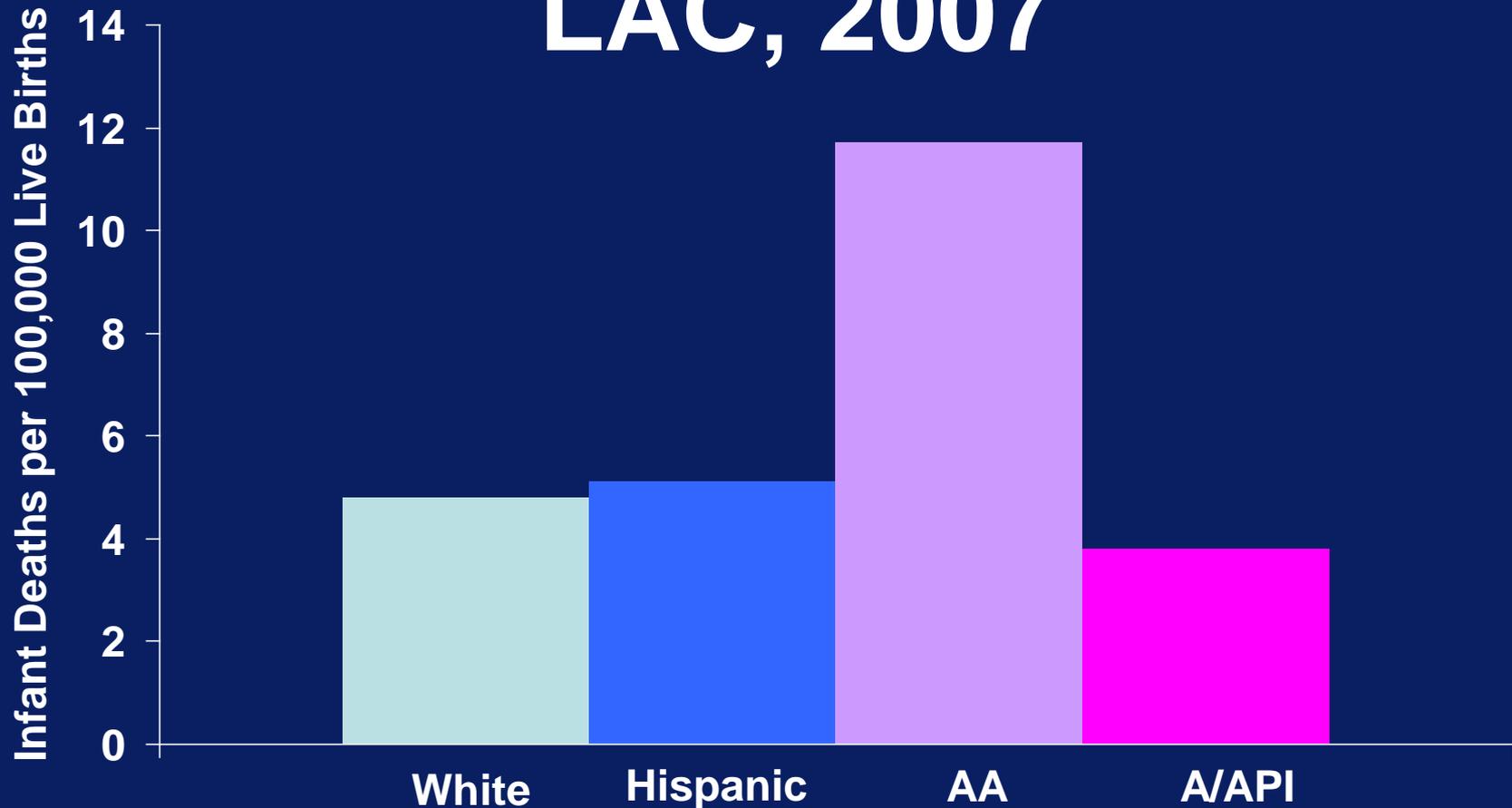
Life Expectancy at Birth by Sex and Race/Ethnicity, LAC, 2006



Dataset. National Vital Statistics Reports, vol 55 no 15. Hyattsville, MD:National Center for Health Statistics, 2007
Reprinted from RWJF Commission on Health Report



Racial Disparities in Infant Death Rate by Race and Year, LAC, 2007

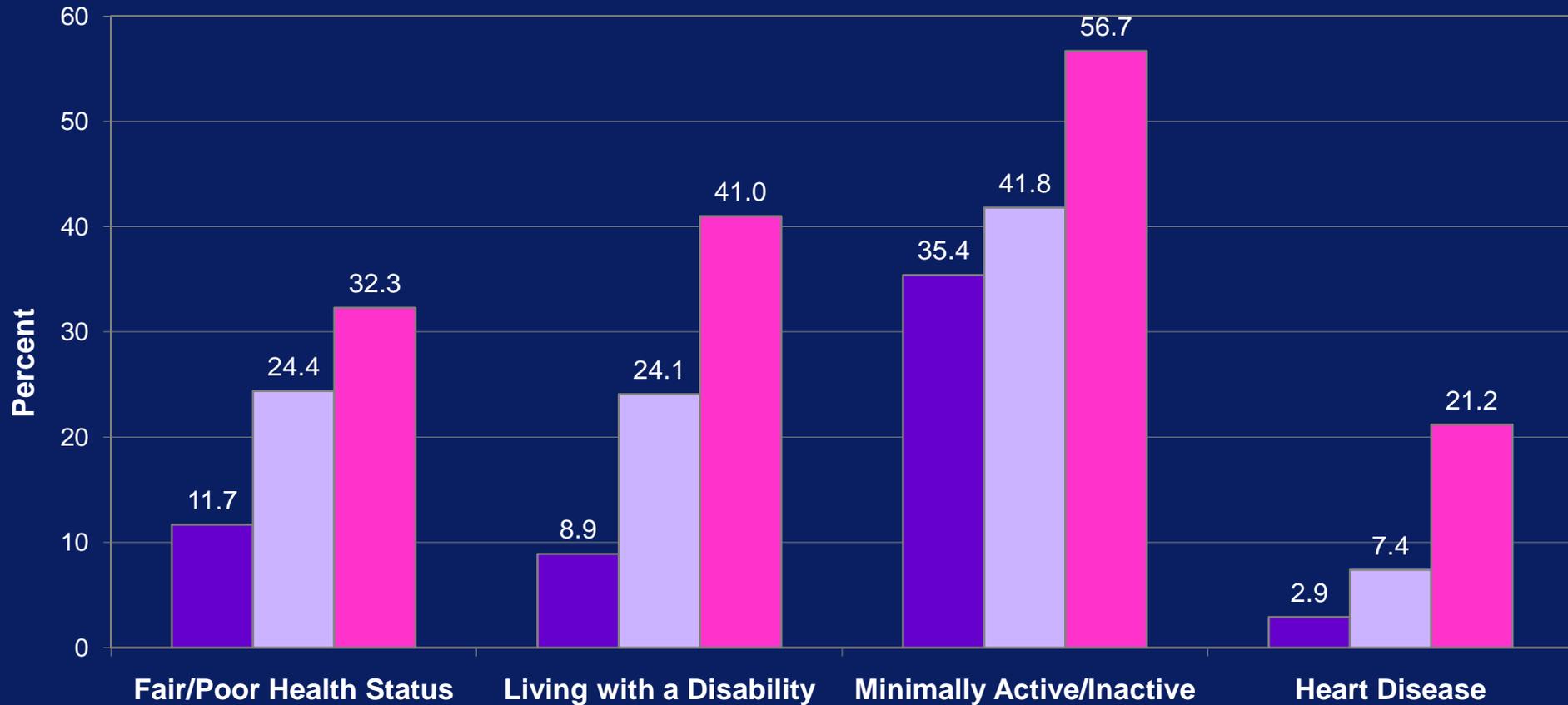


Health Indicators for Women in Los Angeles County by Age

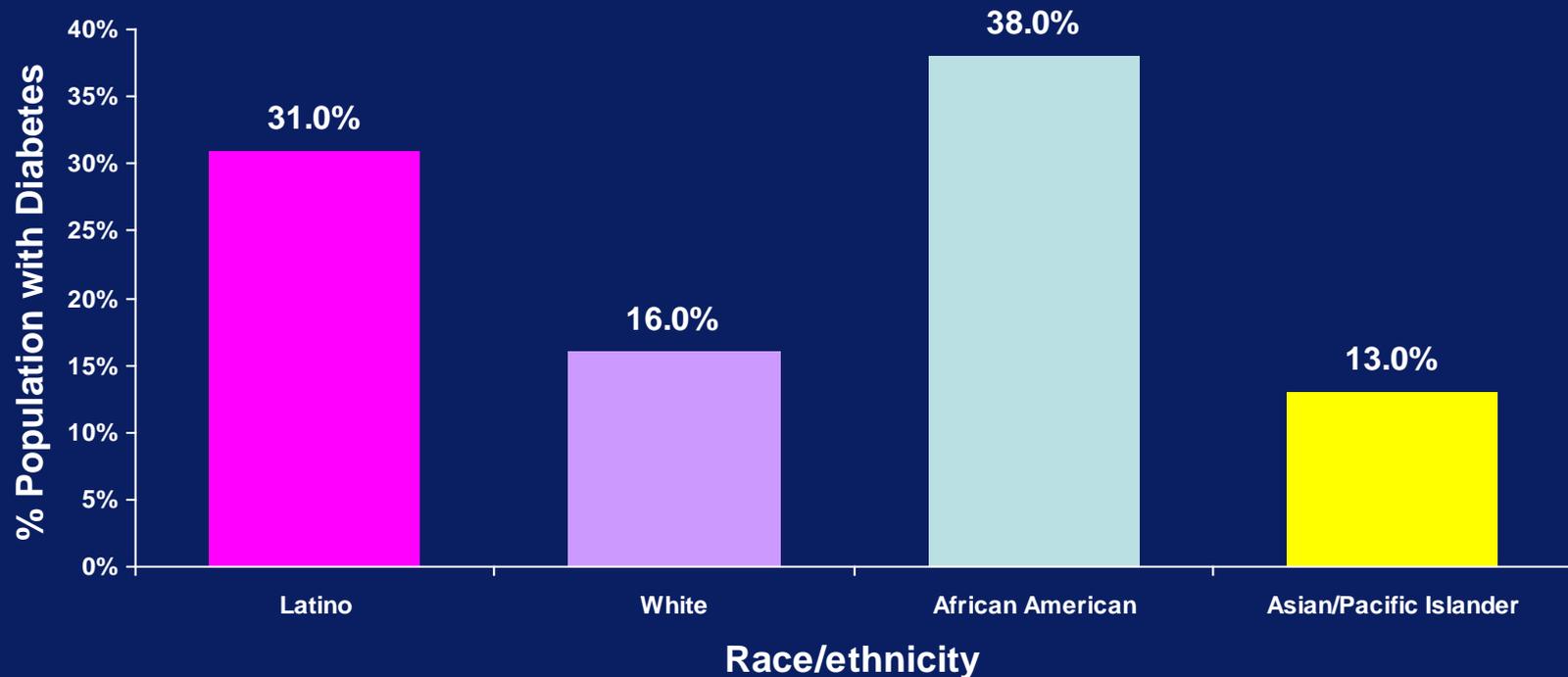
Age 18-39 years

Age 40-64 years

Age 65+ years



Mortality Rates for Diabetes Among Women, LAC, 2007



Health Disparity

Differences in health outcomes between population groups that persists over time.

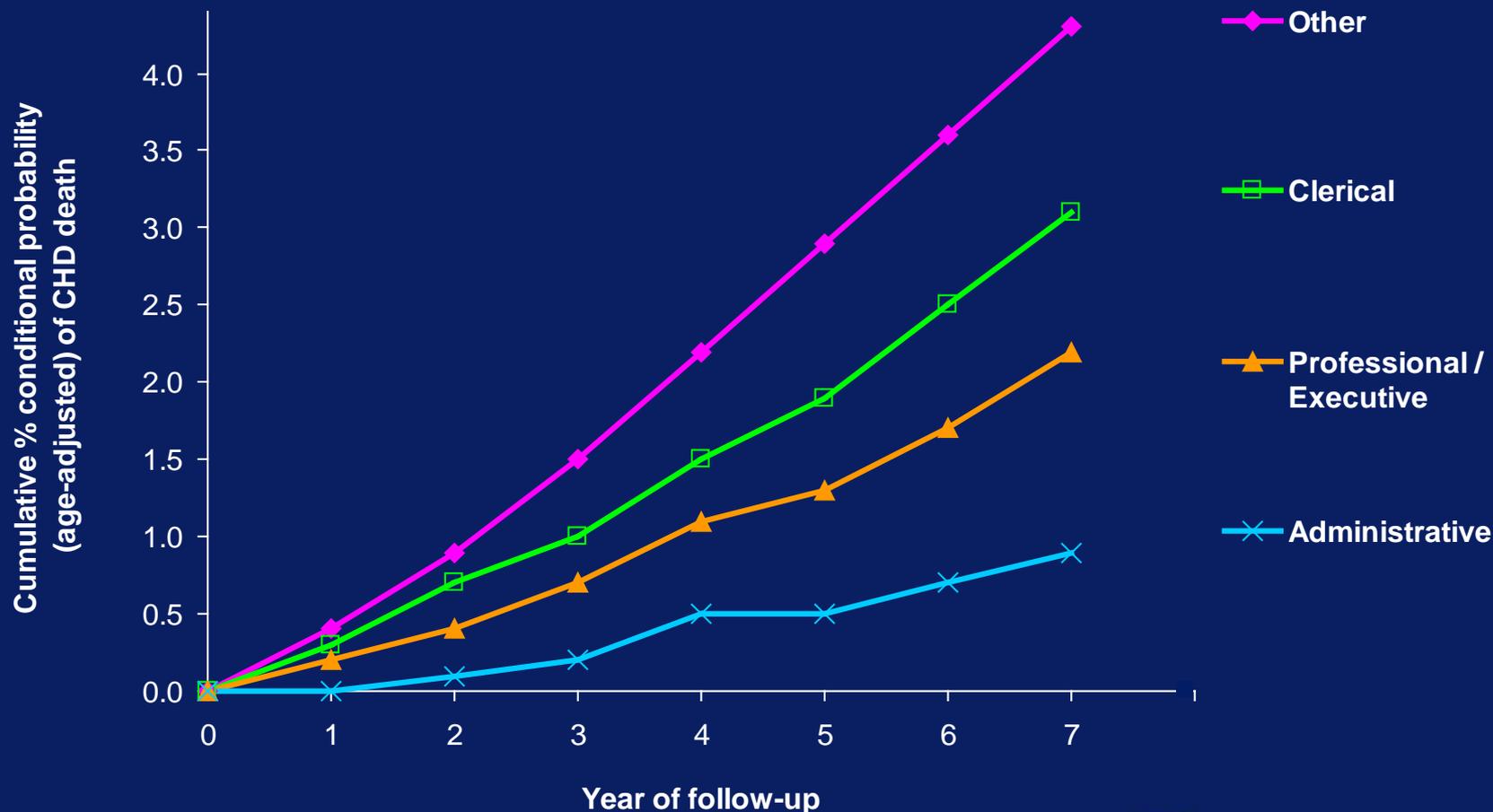


On average, which of the following is the best predictor of one's health?

- A. Whether or not you smoke*
- B. What you eat*
- C. Whether or not you are wealthy*
- D. Whether or not you have health insurance*
- E. How often you exercise*



Coronary Heart Disease Mortality Among British Civil Servants, The Whitehall Study



Source: Employment grade and coronary heart disease in British civil servants; *MG Marmot, G Rose, M Shipley, PJ Hamilton*, Journal of Epidemiology and Community Health 1978;32:244-249



Health Disparity

Differences in health outcomes between population groups that persists over time.

Health Equity

When all residents have access to the conditions that are known to promote healthy outcomes independent of their social status-an equal opportunity for good health.

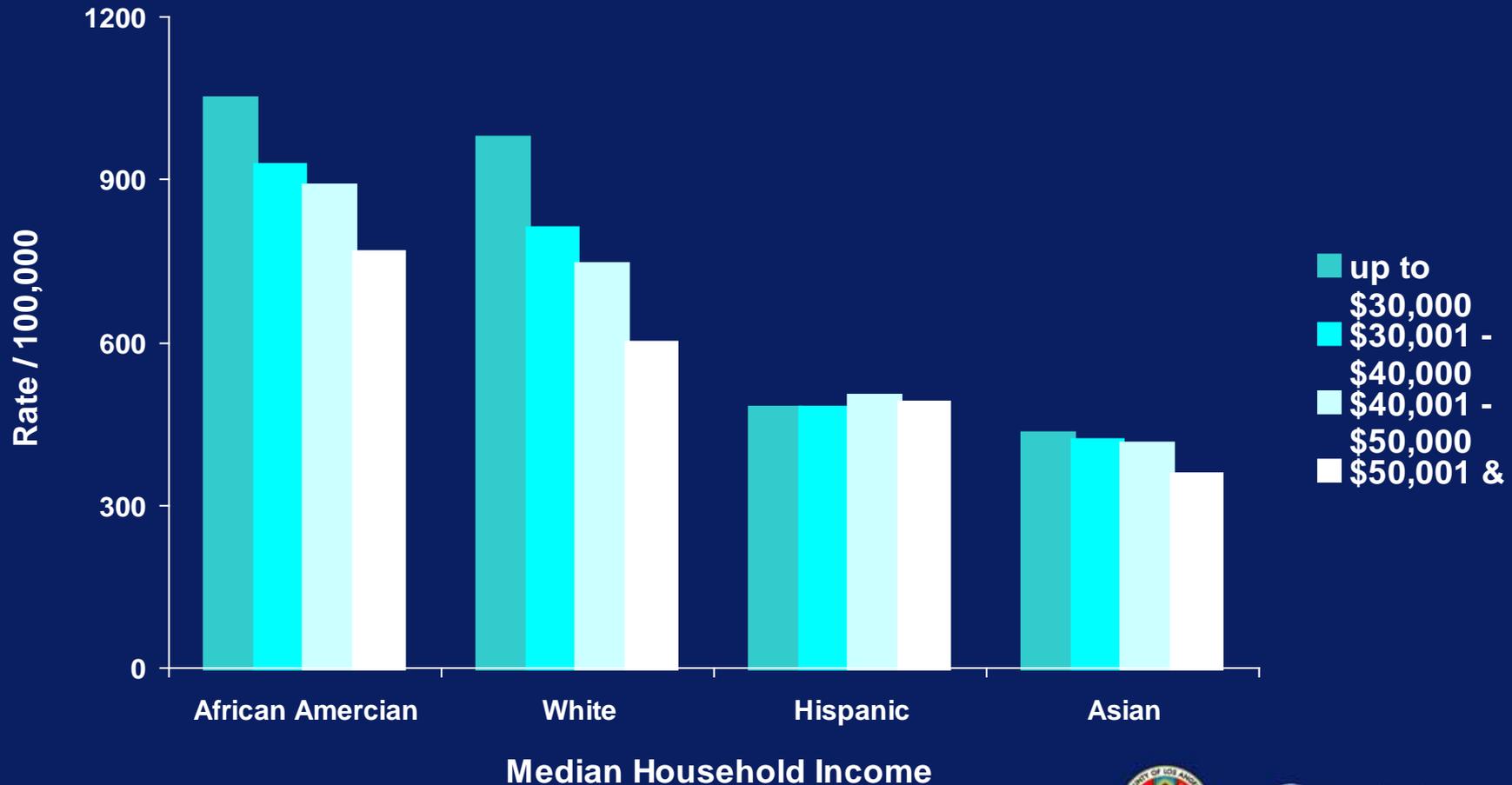


Social (or Societal) Determinants of Health

- Income
- Education
- Occupation
- Wealth
- Stress
- Control
- Where you work and live
- Social networks



Age-adjusted Mortality Rate vs. Median Household Income by Race/Ethnicity, LAC, 2003-2005

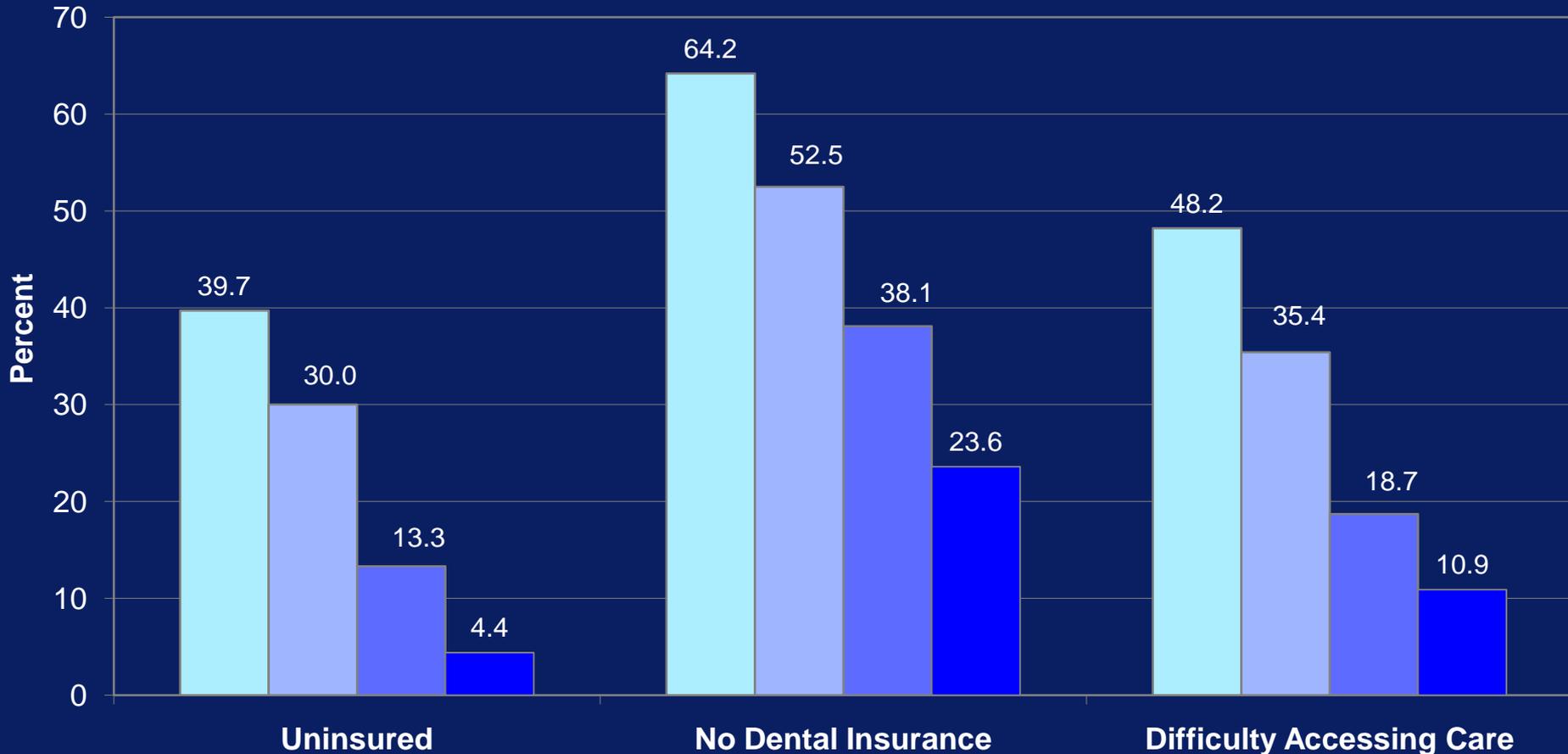


Sources: 2003-2005 Death Files, Los Angeles County; July 1, 2005 Population Estimates, prepared by Walter R. McDonald & Associates, Inc. (WRMA) for Urban Research, LA County CAO



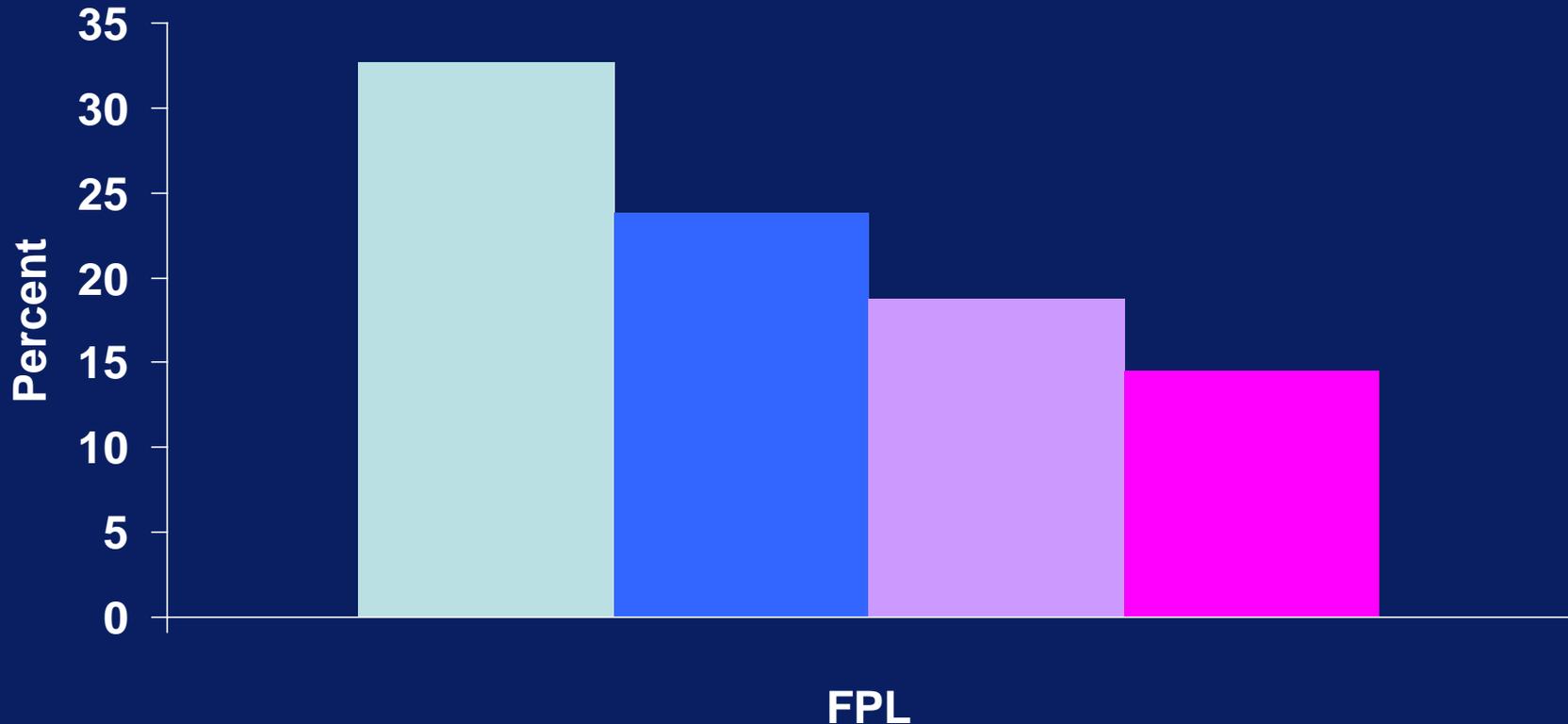
Insurance and Health Care Access Among Women in Los Angeles County by Federal Poverty Level

■ FPL <100% ■ FPL 100-199% ■ FPL 200-299% ■ FPL ≥300%

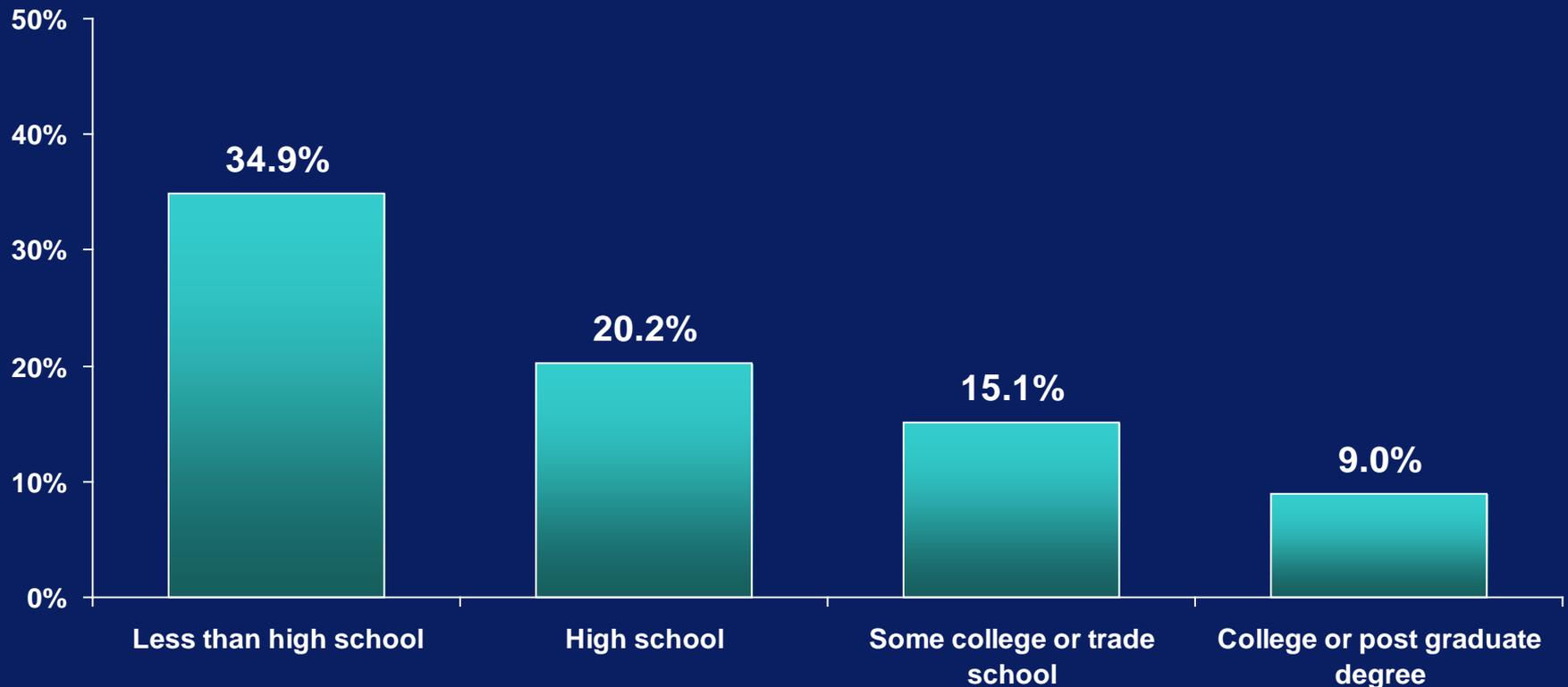


Obesity Among Women in Los Angeles County by Federal Poverty Level (FPL)

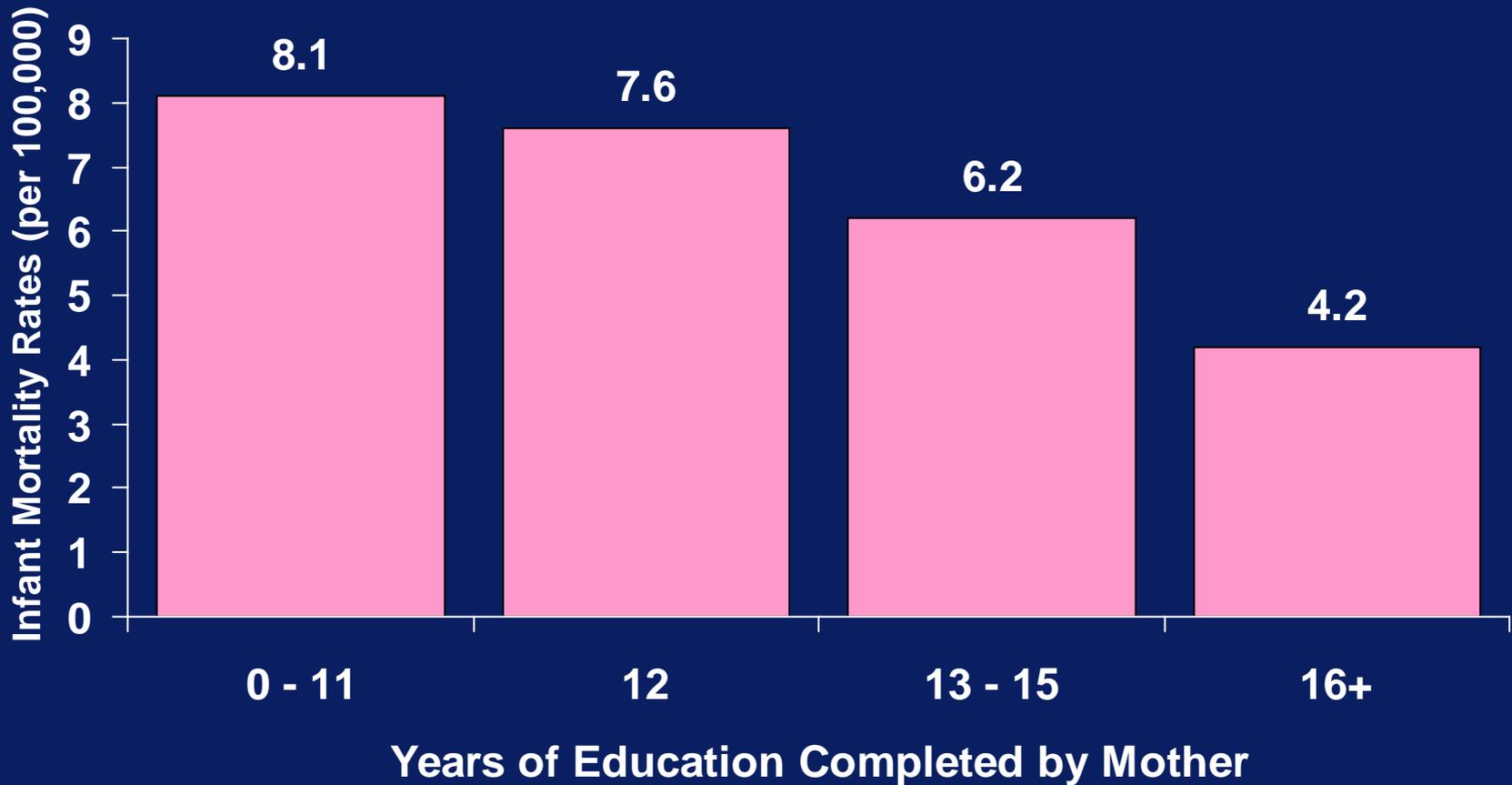
■ FPL < 100% ■ FPL 100-199% ■ FPL 200-299% ■ FPL >300%



Percent of Adults (18+ years old) Who Reported Fair/Poor Health Status, by Education, LAC, 2007



Infant Mortality Rates by Years of Education Completed by Mother

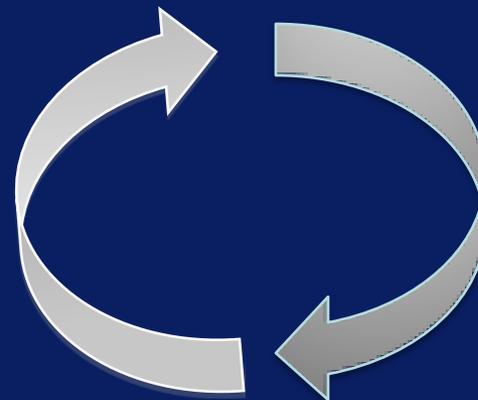


Source: Matthews TJ, MacDorman MF. Infant Mortality Statistics from the 2004 Period Linked Birth/Infant Death





Social Status and the Societal Determinants of health are circular phenomenon



- Education
- Income
- Wealth
- Occupation
- Housing
- Stress
- Where you work
- Where you live



The Health Equity Action Plan

Improving Performance and
Eliminating Health Disparities



International and National Recommended Interventions

- 1. Give every child the best start with high-quality early development support.**
- 2. Improve access to education and training for children, youth and adults.**
- 3. Create fair employment and increase incomes.**
- 4. Create physical environments that promote health.**



Cross Sector Collaboration

- **Engage other sectors**
 - Educational, economic development, planners, community based organizations and other institutions
 - Influence policy and funding



Summary Health Equity

- **Root cause of poor health is multi-factorial, dependent on genetics and culture but also significantly influenced by societal factors including**
 - **Income**
 - **Wealth**
 - **Education**
 - **Environment**
 - **Social network**
 - **Control**



Improving Health Equity

- **Effective community health response should be multi-sectorial, multi-pronged and planned and coordinated across multiple sectors in our society.**
- **Addressing societal determinants of health will require an investment in an iterative process over a sustained interval.**



Acknowledgements



West and South Area Health Office

Beverly Hill Dunne

Nicole Vick

OAPP-Mary Orticke

MCAH-Shin Margaret Chao

STD-Sarah Guerry

Chronic Disease Division

Paul Simon

Health Assessment

Frank Sorvillo

Margaret Shih

Yan Cui

Amy Lightstone

Susie Baldwin

