

Understanding Ethnic Health Disparities

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Health Disparities

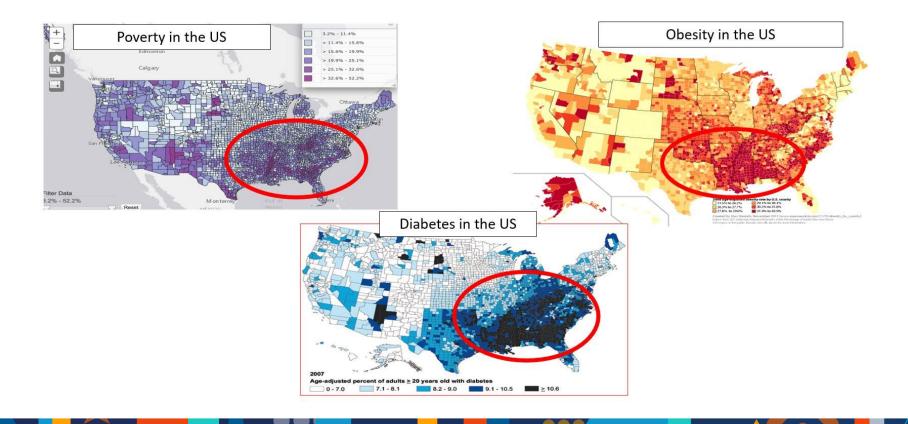


Health disparities adversely affect groups of people who have systematically experienced greater social or economic obstacles to health based on their racial or ethnic group, religion, socioeconomic status, gender, age, or mental health; cognitive, sensory, or physical disability; sexual orientation or gender identity; geographic location; or other characteristics historically linked to discrimination or exclusion.

Healthy People (2020)

How is poverty a disparity?





More examples of health disparities:

- Native Americans and Alaska Native adults are twice as likely to have diagnosed type 2 diabetes than Non-Hispanic adults.
- Latinx are about 50% more likely to die from diabetes or liver disease.
- Racial/ethnic disparities in health persist today even when comparing groups of similar socioeconomic status.
 - For example, the infant mortality rate for college educated Black women is higher than that for white women with similar education (11.5 vs. 4.2 per 1,000 live births).

How to look at selected health conditions by race/ethnicity:

 Healthy People 2020 Health Disparities Data Widget: healthypeople.gov

Percent of Nonelderly Adults with Selected Health
Conditions by Race/Ethnicity, 2014

White Asian Hispanic Black AIAN NHOPI

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7% 5%* 9%* 11%* 12%* 11%*

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Told by a Doctor they have Diabetes

Told by a Doctor they have Heart Disease

NOTE: AIAN refers to American Indians and Alaska Natives. NHOPI refers to Native Hawaiians and Other Pacific Islanders. Persons o Hispanic origin may be of any race but are categorized as Hispanic for this analysis; other groups are non-Hispanic. Includes nonelderly individuals 18-64 years of age.





^{*} Indicates statistically significant difference from the White population at the p<0.05 level.

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- African Americans receive an equal number of referrals to renal transplantation compared to white patients.
 - True
 - False

- African Americans receive an equal number of referrals to renal transplantation compared to white patients.
 - True
 - False

Correct! A study of patients with end-stage renal disease (ESRD) from four regional networks in geographically diverse areas found that African American patients were less likely to be rated as appropriate candidates for transplantation, referred for evaluation, placed on a waiting list for a transplant, and to ultimately undergo the procedure compared to white patients.

- Hispanics and African Americans are less likely to receive rehabilitative care after traumatic brain injury (TBI)
 - True
 - False

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 - True
 - False

Correct! In a study of traumatic brain injury the authors identified ~300,000 TBI incidents:

- ~200,000 non-Hispanic white
- ~30,000 Hispanic
- ~37,000 African Americans

- African American children have a rate of hospitalization for asthma that is 4 to 5 times higher than the rate for white children.
 - True
 - False

- African American children have a rate of hospitalization for asthma that is 4 to 5 times higher than the rate for white children.
 - True
 - False

Correct!

- ↓ scheduled maintenance inhaler prescribed
- ↑ rescue inhaler use
- 个 ED visits

Why do health disparities exist?

- History of discrimination in healthcare
 - 1932-1972: Tuskegee Syphilis Experiment
 - 1951: Henrietta Lacks cells stolen
 - 1969: Latinx women given placebos instead of contraception without their knowledge or consent
 - 1973-1976: IHS sterilized 3000 Native Americans without adequate consent







The New York Times

Syphilis Victims in U.S. Study Went Untreated for 40 Years

By JEAN HELLER

WASHINGTON, July 25-40 years the United States lic Health Service has cond ed a study in which hu beings with syphilis, who v induced to serve as gu pigs, have gone without m cal treatment for the dis and a few have died of late effects, even though an

discovered.

The study was determine from as

ody.

Officials of the health serve who initiated the experient have long since retire

morality of the study, also say that it is too late to treat the syphilis in any surviving participants.

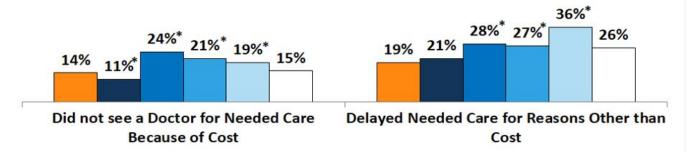
> while the study of the surv while the study of the dise effects continues. Dr. Merlin K. DuVal, Aant Secretary of Health, Ed tion and Welfare for H and Scientific Affairs,

gation.
The experiment, called
Tuskegee Study, began
1932 with about 600 black in

Figure 3

Percent of Nonelderly Adults who did not Receive or Delayed Care in the Past 12 Months by Race/Ethnicity, 2014





^{*} Indicates statistically significant difference from the White population at the p<0.05 level.

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"The Effect of Race and Sex on Physicians' Recommendations for Cardiac Catheterization"



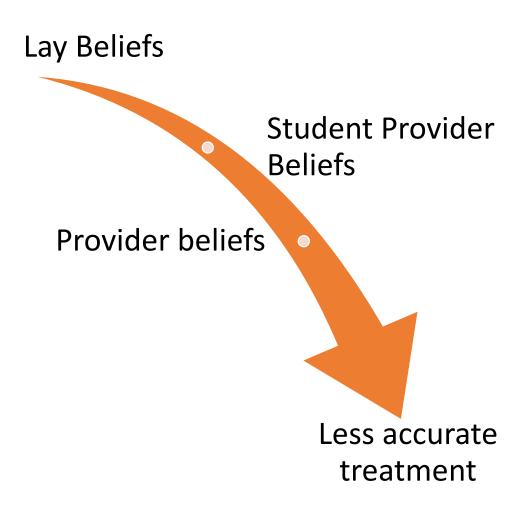
- Same patient
- Different gender
- Different race

What do you think the different outcomes were?



- Cardiac catheterization referral rates differed:
 - Black patients less likely to be referred than white patients
 - Women less likely to be referred than men
 - In a combined analysis, Black women fared the worst as compared to white males
- Attributed personality traits differed:
 - White women were perceived as sadder, more worried
 - Black women were perceived as more likely to over-report symptoms
 - White men were perceived as more likely to sue
 - White women were perceived as more likely to comply with treatment

Provider Bias and Misinformation





Social Determinants of Health



The social determinants of health are the circumstances in which people are born, grow up, live, work and age, and the systems put in place to deal with illness. These circumstances are in turn shaped by a wider set of forces: economics, social policies, and politics.

World Health Organization (2008)

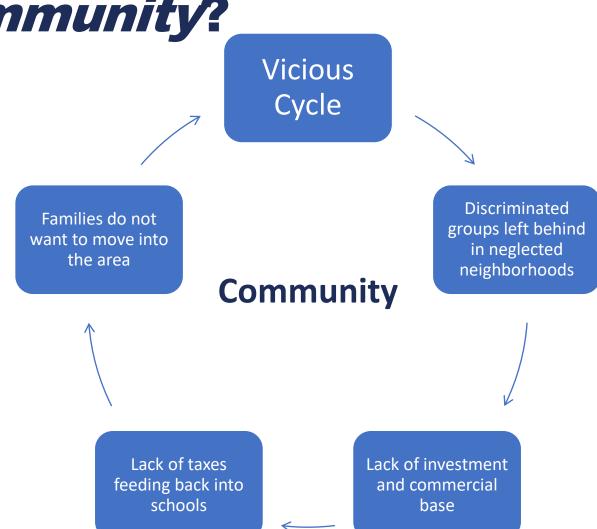


Bottom Line: the issue is that there is a difference between the health status of one population compared to another population

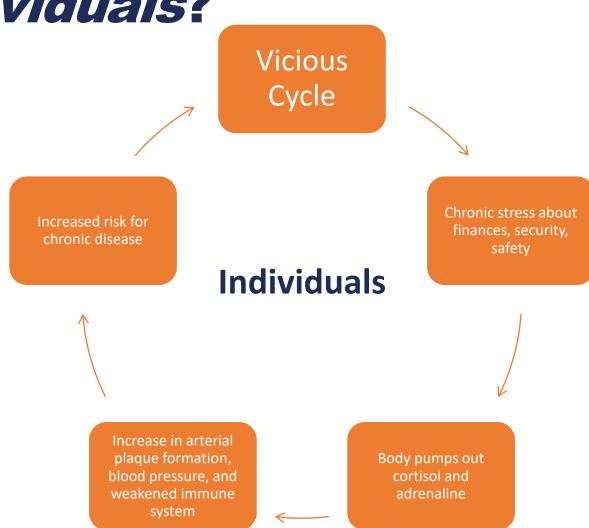
What are the social determinants of health (SDOH)?

- They are the inter-related, complex, overlapping social and economic factors that influence health.
 - Socioeconomic status
 - Discrimination
 - Institutional racism
 - Housing
 - Physical environment (i.e., near sewer plant, location to highways or factories, green space)
 - Food security
 - Child development
 - Culture
 - Social support and connection
 - Health care services/access
 - Transportation
 - Working conditions
 - Civic participation

How do SDOH manifest in the community?



How do SDOH manifest in individuals?





How do we address this?

Tools for overcoming health disparities and the SDOH

- Rebuild Trust
- Cultural Humility
- Patient-Provider Communication



Questions?

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Resources

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