HEALTH DATA TRANSFORMATION

Satcher Health Leadership Institute

DANIEL E. DAWES, JD
EXECUTIVE DIRECTOR
SATCHER HEALTH LEADERSHIP INSTITUTE
Priorities and Aims

Health Systems Transformation
Political Determinants of Health
Mental/Behavioral Health
STRUCTURAL RACISM IS A CRITICAL BODY OF KNOWLEDGE NEEDED FOR GENERALIZABILITY IN ALMOST ALL DOMAINS OF HEALTH RESEARCH.

Robinson et. al, 2019
Dark and Historical Moment

502,000 COVID-19 deaths

Communities of Color are disproportionally affected

75% of COVID-19 deaths in DC were Black — only make up 45% of the population

46% of deaths in California were Hispanic — only make up 40% of the population

57% of deaths in Hawaii were Asian — only make up 40% of the population
American Indian and Alaska Native persons are facing 1.8 times the mortality rate of non-Hispanic Whites.

Amongst children, 75% of COVID-19 deaths have been of color:
- 45% Hispanic children
- 29% Black children

Only One U.S. State has vaccinated at least 10% of its Black population.
It does not matter which region of the country, vulnerable communities everywhere are being harmed.
SHLI Health Equity Task Force

- Data Consortium
- Dashboard Review
- Ethics & Public Trust
- Marketing & Communications
- Population-Based Strategies
- Policy & Legal Epidemiology
Hi, nice to meet you. We’re the Health Equity Tracker.

A product of a groundbreaking collaboration between the Morehouse School of Medicine, Satcher Health Leadership Institute, and public health leaders from around the country.

Meet the Team

Health Equity Tracker will exist:
• To establish an interactive and comprehensive Health Equity Data platform of the U.S.
• To understand the health equity impact of on mental and behavioral health outcomes
• To examine select social determinants of health as they relate to COVID-19 and other comorbidities
• To examine political determinants of health of jurisdictional policies which either exasperate or alleviate COVID-19 outcomes
• To provide technical assistance and policy recommendations to jurisdictions concerning data collection plans for inclusion of health equity indicators
Program Objectives

Identify and Engage Communities through local, state, territory, tribes and national partners.

Nurture Existing and Develop New Partnerships to ensure an active information dissemination network.

Disseminate Culturally & Linguistically Appropriate Information in partnership with communities and national, state, local, territory, tribe and government organizations.

Link Communities to Resources with Technology Connecting communities to community health workers, healthcare and social services.

Monitor and Evaluate identifying successes and measuring outcomes to improve the program.

Comprehensive Dissemination using mainstream media, white papers, and publications to educate and train the response workforce.
CHALLENGES
Unreliable data sources for racial/ethnic data and lack of access to the data, if collected

Lack of centralization and standardization of data

Even our Federal government data partner's most restricted data is hamstrung by the system.

Not enough data sources analyzing both the upstream factors as well as the "isms" that plague our society.
RACIALLY BIASED ALGORITHMS

THE ALGORITHM INITIALLY IDENTIFIED...

ONLY **18%** OF BLACK PATIENTS NEEDING MORE MEDICAL CARE
AND **82%** OF WHITE PATIENTS NEEDING MORE MEDICAL CARE

THE TRUE PROPORTION OF SICK PATIENTS SHOULD HAVE BEEN...

**46%** BLACK
AND **53%** WHITE

Health systems use this algorithm for some **100 MILLION** people across the country.
RECOMMENDATIONS
Provide resources to the CDC to assemble and publish comprehensive Covid outcomes and vaccine data

Compile a registry in primary care practice to identify and track patients with detailed demographic, social, and medical history

Create metrics for success and/or failure in vaccination efforts

Mandate requirements for granular race and ethnicity data fields

Establish a national standardization of categories of race/ethnicity data fields and other identifying information
THERE CAN BE NO RETURN TO "NORMALCY"
Learn more
satcherinstitute.org

Contact us
SHLI@msm.edu

Satcher Health Leadership Institute

AMA, SHLI launch fellowship program to confront health inequities

MEDICAL JUSTICE IN ADVOCACY