The Case For Place-Based Public Health Practice and Working To Create Health Equity

Part 1

Marin County Meeting 10-4-10

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The California Endowment
A Framework for Health Equity

UPSTREAM

Socio-Ecological

Social Factors

DOWNSTREAM

Medical Model

Health Status

- Adapted by ACPHD from the Bay Area Regional Health Inequities Initiative, Summer 2008
Goal 1: Increase Quality and Years of Healthy Life

- The first goal of Healthy People 2010 is to help individuals of all ages increase life expectancy and improve their quality of life.

Goal 2: Eliminate Health Disparities

- The second goal of Healthy People 2010 is to eliminate health disparities among segments of the population, including differences that occur by gender, race or ethnicity, education or income, disability, geographic location, or sexual orientation.
Definition of Health Disparities

“Differences in the incidence, prevalence, mortality and burden of diseases and other adverse health conditions that exist among specific population groups in the United States”

–NIH Working Group on Health Disparities
Definition of Inequities

- Inequities refer to material, social, gender, racial, income, and other social and economic inequalities that are beyond the control of individuals and are therefore considered unfair and unjust. — Health Canada, Population & Public Health Branch

- Health inequities are differences in health status and mortality rates across population groups that are systemic, avoidable, unfair, and unjust. — Margaret Whitehead, WHO
BARHII Framework
CERTIFICATE OF DEATH

3200701000029

NAME OF DECEASED — FIRST (Given) H. DONALD

NAME OF DECEASED — MIDDLE DUCK

NAME OF DECEASED — LAST

STATE FILE NUMBER 3200701000029

SEX M

DATE OF BIRTH 02/14/1937

PLACE OF BIRTH FINLAND

SOCIAL SECURITY NUMBER 243-55-9974

DATE OF DEATH 01/18/2007

PLACE OF DEATH OAKLAND, CA

CAUSE OF DEATH PNEUMONIA

DEATH CERTIFICATE

DATE OF CERTIFICATE 01/10/2007

SIGNATURE OF CERTIFIER GARY W. W. BROWN, M.D.

CERTIFIED COPY

STATE REGISTRAR A 2007-007-310
Leading Causes of Death, Alameda County, 2001-2003 (N=28,790)

- Heart Disease: 26.9%
- Cancer: 23.7%
- Stroke: 8.3%
- Chronic Lower Resp Dis: 4.5%
- Unintentional Injuries: 3.6%
- Influenza & Pneumonia: 3.2%
- Diabetes Mellitus: 3.0%
- Alzheimer's Disease: 2.1%
- Chronic Liver Dis/Cirrhosis: 1.4%
- Homicide: 1.3%

67%
Figure 5: Historical Life Expectancy at Birth, Alameda County

Note: White and African American defined regardless of Latino origin.
Race and Racism Matters:
Health Inequities by Race/Ethnicity
What Do We Know?

- Major improvements in health outcomes
- Major health inequities persist or are growing - poorer residents and African Americans bear the greatest burden of poor health outcomes
- Big gap in life expectancy
- Major inequities in life expectancy and mortality driven by chronic diseases
Mortality

Access to health care

Disease and Injury
10 – 15%

Chronic disease

Infectious disease

Injury (intentional and unintentional)

Genetics
10 – 15%

Mortality
References

Disease and Injury Mortality

Individual health knowledge

Risk Behaviors

Disease and Injury

Mortality

Smoking
Nutrition
Physical activity
Violence

Medical Model

70% ??

70% ??

Individual health knowledge
Is This All About Personal Responsibility?

The Medical Model Assumes that “Risk Behaviors” are the Missing 70%
Medical Model Interventions

“SERVICES”

- Tend to focus on individuals
- Tend to be remedial in nature
- Do not address underlying conditions
- Expensive and difficult to sustain
- No sustained impact on health disparities
- Majority of Health, Social Services & Criminal Justice budget spent on these kind of interventions
“Services Overkill?”

How Government Human Service Agencies Behave
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“Services Overkill?”

How Government Human Service Agencies Behave
Service Intensity FY05-06
Alameda County Public Health Department

Chronic Disease

Source: CAPE.
Service Intensity FY05-06
Alameda County Public Health Department

Services per 1,000 Pop'n
- 58.1 - 88.8
- 34.5 - 58.0
- 15.1 - 34.4
- 0.3 - 15.0

Note: Dental and Healthcare for the Homeless services not included

Source: CAPE.