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

Part 2

Marin County Meeting
10-4-10

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Social Services

Source: CAPE, with data from SSA.
Recipients as of Oct 2006.
Recipients as of Oct 2006.
Recipients as of Oct 2006.

Source: CAPE, with data from SSA.
Social Services

General Assistance/1000 Population
- 40.7-71.1
- 14.8-40.6
- 5.0-14.7
- 0-4.9

Source: CAPE, with data from SSA.
Social Services

Medi-Cal/1000 Population

- Dark Red: 294.9 - 459.0
- Medium Brown: 162.2-294.8
- Light Brown: 73.3-162.1
- Light Yellow: 2.4-73.2

Source: CAPE, with data from SSA.
Social Services

Total Recipients/1000 Population
- 624.3 - 1,106.2
- 305.3 - 624.2
- 129.2 - 305.2
- 2.4 - 129.1

Source: CAFE, with data from SSA.
Top 30 Tracts Receiving Services - Probation

Source: CAPE, with data from Probation Department.
Top 30 Tracts Receiving Services - Parole

Source: CAPE, with data from California Department of Corrections.
Community Trajectories

HOW MUCH DOES PLACE MATTER?
Disease and Injury Risk Behaviors

Neighborhoood Conditions

Physical environment
Social environment
Residential segregation

Risk Behaviors

Disease and Injury

Mortality
Actual Causes of Death

Lifestyle 51%
  Smoking
  Obesity
  Nutrition
  Alcohol Use

Epigenetics

Biology 20%

Health Care 10%

Environment 19%

When the external becomes internal: How we internalize our environment

Allostatic Load
- Inadequate Transportation
  - Long Commutes
- Housing
- Lack of social capital

Stress
- High Demand-Low Control Jobs
- Lack of access to stores, jobs, services
- Crime
Stress pathway from brain to body

- STRESSOR
  - Hypothalamus
  - CRH
  - Pituitary Gland
    - ACTH
    - Adrenal Glands
      - CORTISOL

Affects multiple organs & systems
Life Expectancy by Tract

Life Expectancy at Birth
- Green: > 80.0
- Yellow: 74.3 - 80.0
- Red: < 74.3

Life Expectancy in Years by Community Statistical Area, Baltimore City, 2002-2006

Legend

Life Expectancy in years

- 62.5 - 66.6
- 66.7 - 70.7
- 70.8 - 74.7
- 74.8 - 78.8
- 78.9 - 82.9

Baltimore City 2002-2006 Average Life Expectancy was 70.9 years

Baltimore City Health Department analysis using data from the Maryland Department of Health and Mental Hygiene’s Vital Statistics Administration. Community Statistical Areas (CSA’s) - Clusters of Baltimore neighborhoods that were created along census tract boundaries to form 55 CSA’s.