OVERVIEW OF HEALTH EQUITY IN SAN DIEGO COUNTY

Health and Human Services Agency
Public Health Services
Community Health Statistics Unit
DEFINITION OF HEALTH DISPARITIES

According to the National Institutes of Health:

“Health disparities are 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.”
<table>
<thead>
<tr>
<th>Reason for differences</th>
<th>Source of information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social circumstances</td>
<td>Education, income, housing, employment</td>
</tr>
<tr>
<td>Genetic predisposition</td>
<td>Familial diseases,</td>
</tr>
<tr>
<td>Behavioral patterns</td>
<td>Lifestyle, exercise</td>
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<tr>
<td>Health care</td>
<td>Access, insurance, hospitalizations, quality of care</td>
</tr>
<tr>
<td>Environmental Exposures</td>
<td>Tobacco smoke, lead exposure, Air quality</td>
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</tbody>
</table>
QUALITY OF HEALTH, DIFFERENCES AND DISPARITIES

Adapted from Gomes and McGuire, 2001
HEALTH EQUITY BY AGE

Risk of Health Outcomes Compared to San Diego County by Age, 2011

Source: Death Statistical Master Files (CDPH), Patient Discharge Data (CA OSHPD), Emergency Department Data (CA OSHPD); HIV/AIDS Reporting System and STD Morbidity Database (CoSD; HIV, STD, and Hepatitis Branch); County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch; Emergency Medical Services Branch; HIV, STD, and Hepatitis Branch; SANDAG; Current Population Estimates, 1/1/2012.
Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHS&A), Community Health Statistics, 2013.
Risk of Health Outcomes Compared to San Diego County by Gender, 2011

Source: Death Statistical Master Files (CDPH), Patient Discharge Data (CA DHSPO), Emergency Department Data (CA OSHPD), HIV/AIDS Reporting System and STD Morbidity Database (CoSD HIV/STD, and Hepatitis Branch), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch, Emergency Medical Services Branch, HIV, STD, and Hepatitis Branch; SANDAG, Current Population Estimates, 10/2012.
Prepared by County of San Diego (CoSG), Health & Human Services Agency (HHSA), Community Health Statistics, 2013.
HEALTH EQUITY BY GEOGRAPHY

Risk of Health Outcomes Compared to San Diego County by Geography, 2011

Source: Death Statistical Master Files (CDPH), Patient Discharge Data (CA OSHPD), Emergency Department Data (CA OSHPD); HIV/AIDS Reporting System and STD Morbidity Database (CoSo HIV,STD, and Hepatitis Branch). County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch, Emergency Medical Services Branch, HIV, STD, and Hepatitis Branch; SANDAG, Current Population Estimates, 10/2012.
Prepared by County of San Diego (CoSo), Health & Human Services Agency (HHSAG), Community Health Statistics, 2013.
Risk of Health Outcomes Compared to San Diego County by Race/Ethnicity, 2011

- Non-Communicable (Chronic) Disease
- Communicable Disease
- Maternal and Child Health
- Injury
- Behavioral Health

Source: Death Statistical Master Files (CDPH), Patient Discharge Data (CA OSHPD), Emergency Department Data (CA OSHPD); HIV/AIDS Reporting System and STD Morbidity Database (CoSD HIV, STD and Hepatitis Branch), County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch, Emergency Medical Services Branch, HIV, STD, and Hepatitis Branch; SANDAG, Current Population Estimates, 10/2012.

Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics Unit, 2013.
Risk of Health Outcomes Compared to San Diego County by Income Status, 2011

Source: Death Statistical Master Files (CDPH), Patient Discharge Data (CA OSHPDS), Emergency Department Data (CA OSHPDS), HIV/AIDS Reporting System and STD Morbidity Database (CDSP HIV/STD), and Hepatitis Branch, County of San Diego, Health & Human Services Agency, Epidemiology & Immunization Services Branch, Emergency Medical Services Branch, HIV/STD, and Hepatitis Branch; SANDAG, Current Population Estimates, 2012.
Prepared by County of San Diego (CoSD), Health & Human Services Agency (HHSA), Community Health Statistics, 2013.
**Cancer**

**Opportunities for Prevention**

**Primary**
- Demographic Risk Factors
  - Race/ethnicity
  - Genetics/family history
  - Age (older)
  - Gender

**Secondary**
- Behavioral & Social
  - Risk Factors
  - Substance use
  - Lack of physical activity
  - Poor nutrition
  - Poor medical care access
  - Environmental exposures

**Tertiary**
- Intermediate Outcomes
  - Abnormal cells
  - Precancerous lesions
  - Metastases

**Social Determinants of Health**

**Characteristics of Residents, San Diego County**

Selected Elements from Cancer Pathway

- [Graph showing various cancer-related characteristics and rates](graph)
Asthma

Opportunities for Prevention

Primary
- Demographic Risk Factors
- Race/ethnicity
- Genetics/family history
- Age (very young, older)
- Gender (male)
- Urban location

Secondary
- Behavioral & Social Risk Factors
- Tobacco use
- Lack of regular medical care
- Depression
- Lack of flu vaccination
- Arthropod dander
- Air quality

Tertiary
- Intermediate Outcomes
  - Low birth weight
  - Premature birth
  - Allergic rhinitis
  - Early childhood wheezing
  - School absenteeism
  - Atopic dermatitis

Social Determinants of Health

Characteristics of Residents, San Diego County
Selected Elements from Asthma Pathway

- Age ≤ 5
- Age 6-18
- Gender - Female
- Poverty - <10% PLI
- Tobacco Use (≥1C)
- Tobacco Use (≥1L)
- No usual source of medical care
- No flu shot in past 12 months
- Ever diagnosed with asthma in past 12 months
- Low birthweight
- Preterm birth
- ED Discharges - Asthma (≤5 years)
- Deaths - Asthma

Diagram shows bar charts and population rates for various health indicators.
Critical Pathway

Obesity

Opportunities for Prevention

Primary
- Demographic
- Risk Factors
- Genetics/family history
- Socioeconomic status
- Limited education
- Poor family functioning

Secondary
- Behavioral & Social Risk Factors
- Lack of physical activity
- Sedentary lifestyle
- Excessive screen time
- Poor nutrition
- Limited fresh food access

Tertiary
- Intermediate Outcomes
- Eating disorders
- Overweight

Social Determinants of Health

Characteristics of Residents, San Diego County
Selected Elements from Obesity Pathway

- Non-modifiable risk
- Modifiable risk
- Population rate

Graph showing percent of population and rate per 100,000 population for various obesity-related factors.
HIV/AIDS

Opportunities for Prevention

Primary
- Demographic Risk Factors*
- Race/ethnicity
- Age
- Gender

Secondary
- Behavioral & Social Risk Factors*
- Risky sexual behavior
- Intravenous drug use
- Needle sharing
- Other STDs
- History of blood transfusion during years 1978-1985

Tertiary
- Intermediate Outcomes
- HIV positive status
- Tuberculosis (TB)
- Hepatitis C (co-morbidity)
- Opportunistic infections

Social Determinants of Health

Characteristics of Residents, San Diego County*
Selected Elements from HIV/AIDS Pathway

- Percent of Population
- Rate per 100,000 Population

*Non-Modifiable risk
*Modifiable risk
*Population Rate
FOR MORE INFORMATION:

Demographic, economic, health, and behavioral data:

- [www.SDHealthStatistics.com](http://www.SDHealthStatistics.com)

Information on Live Well San Diego

- [www.livewellsd.org](http://www.livewellsd.org)

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