

SAN FRANCISCO COMMUNITY HEALTH STATUS ASSESSMENT (CHSA)



Community Health Status Assessment: City and County of San Francisco

Prepared for:
The San Francisco
Department of Public
Health

July 2012

 **harder+company**
community research

Presentation before the San Francisco Health Commission
October 16, 2012

CHSA Overview

What led to the CHSA? How does the CHSA align with other SFDPH and citywide initiatives? What questions does the CHSA answer?

CHSA Driving Forces

- Public Health Accreditation
- Health Care Services Master Plan
- Strategic alignment with hospital and academic partners
 - Community Vital Signs
 - San Francisco Health Improvement Partnerships
- SFDPH strategic planning
- **Improve community health.**

CHSA Overview

- Conducted by Harder + Company Community Research
- 150+ Indicators
 - ▣ Indicator selection guided by MAPP + Data Advisory Committee
 - ▣ Alignment with Healthy People 2020 + National Prevention Strategy
- Data presented along 10 broad categories
 - ▣ Demographic Characteristics
 - ▣ Socioeconomic Characteristics
 - ▣ Health Resource Availability
 - ▣ Quality of Life
 - ▣ Behavioral Risk Factors
 - ▣ Environmental Health Indicators
 - ▣ Social + Mental Health
 - ▣ Maternal + Child Health
 - ▣ Death, Illness, and Injury
 - ▣ Communicable Disease

CHSA Data Sources

Quantitative Data

- US Decennial Census
- American Community Survey (ACS)
- CA Department of Public Health (CDPH)
- CA Department of Finance (DOF)
- CA Office of Statewide Planning + Development (OSHPD)
- CA Department of Education (CDE)
- San Francisco Department of Public Health (SFDPH)
- Health Matters in San Francisco
- CA Health Interview Survey (CHIS)
- County Health Rankings
- Behavioral Risk Factor Surveillance System (BRFSS)
- Health Resources and Services Administration (HRSA)

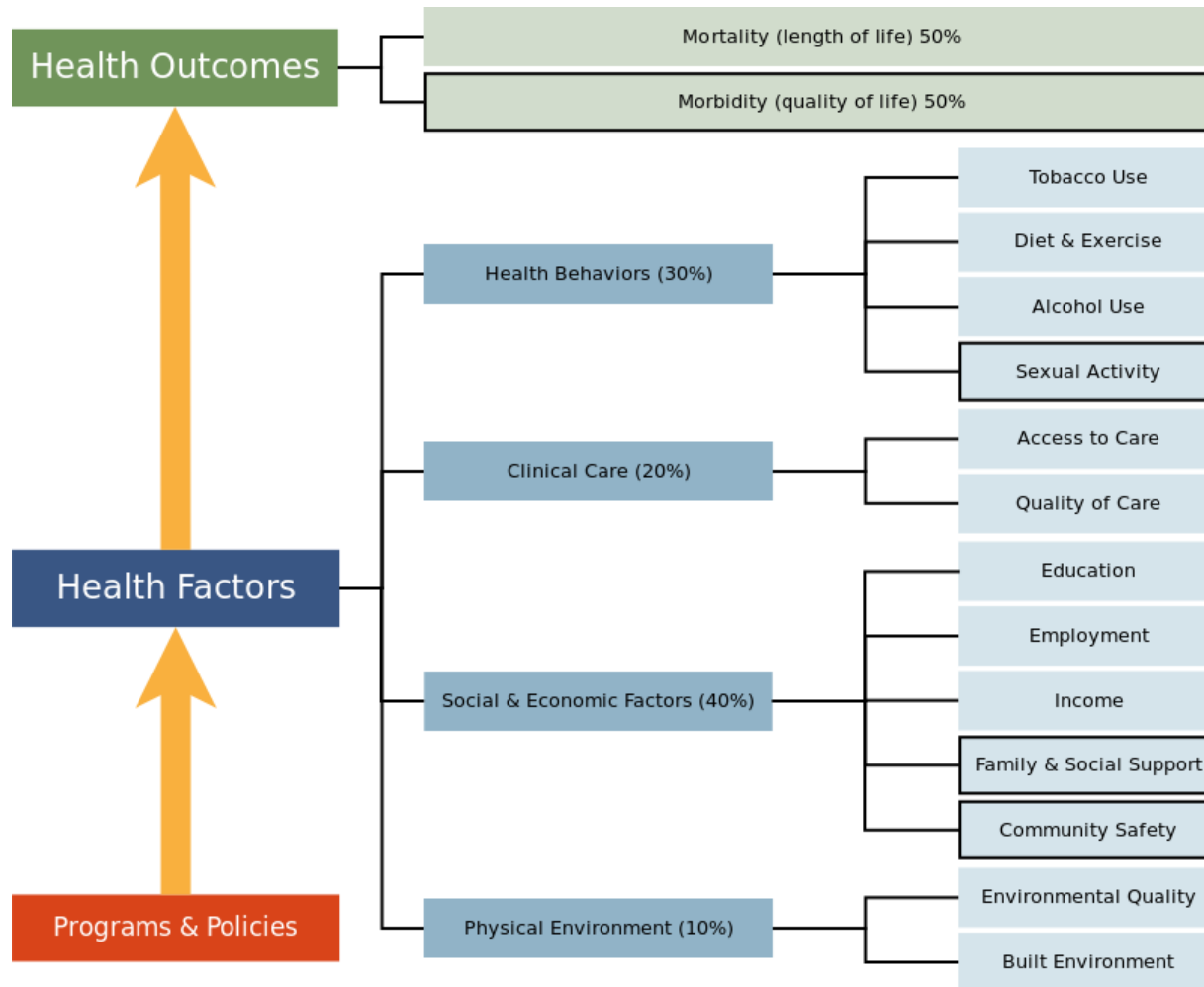
Qualitative Data

- CHSA infused with community voice
 - Focus Groups
 - Older Adults + Persons with Disabilities
 - Transgender
 - Monolingual-Spanish Speakers
 - Excelsior Families
 - Richmond/Sunset Neighborhoods
 - Teen Participants of Mo' MAGIC Program
 - Public comment, HCSMP Task Force Meetings
 - HCSMP Task Force Recommendations
- Data analysis highlighted health inequities + social determinants of health
 - Neighborhood/ Zip Code
 - Race/Ethnicity
 - Sex

Key Data Findings

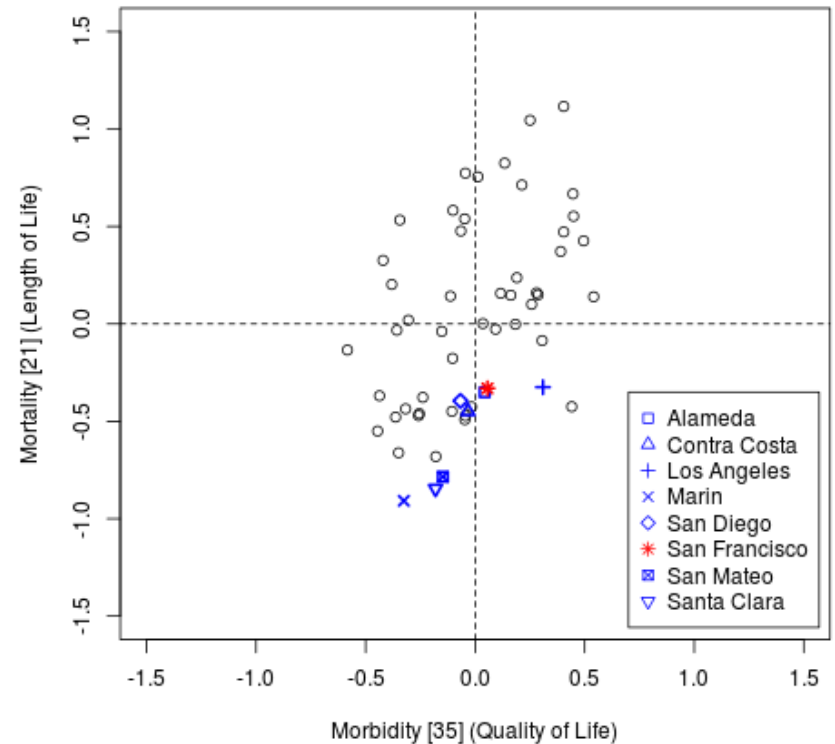
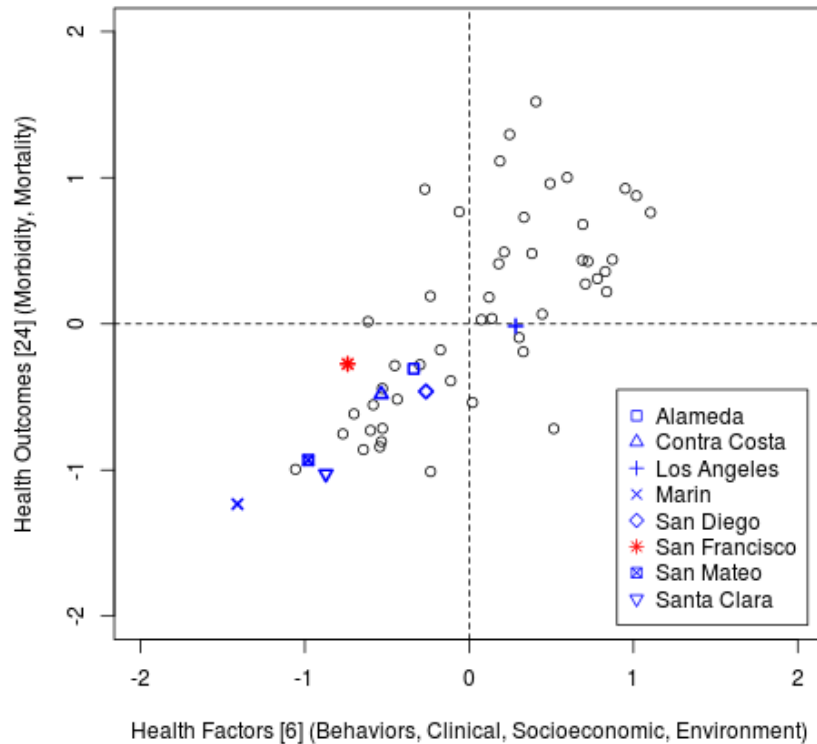
What CHSA data findings stand out for San Francisco? Are some residents faring better or more poorly than others? In what ways does San Francisco excel?

Population Health Framework 1



How does SF compare to CA?

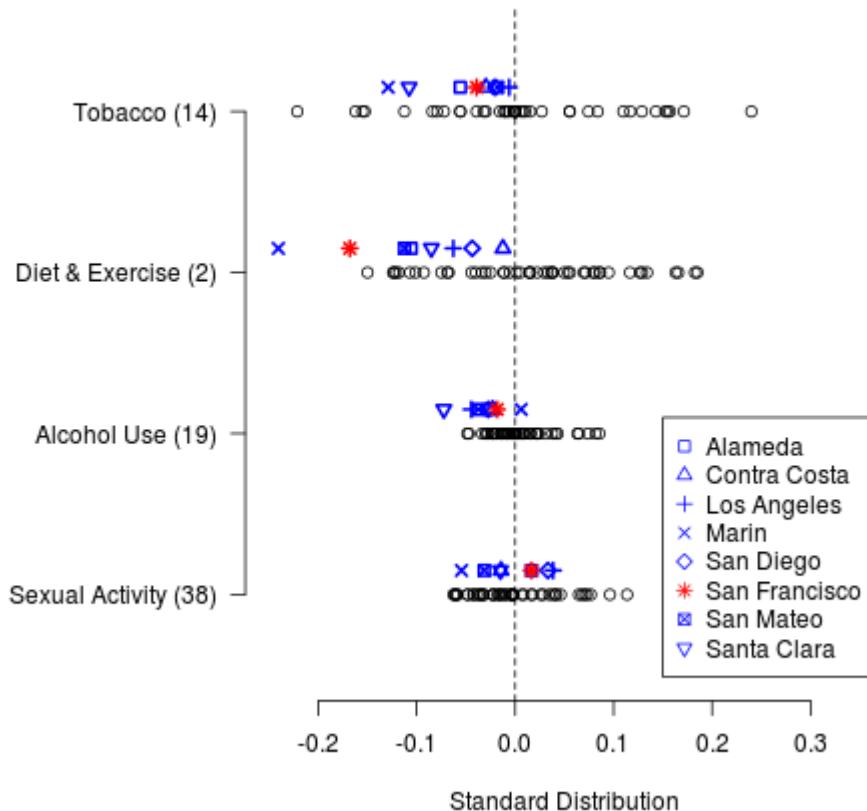
Health Outcomes vs. Health Factors



Source: County Health Rankings

Health Behaviors in San Francisco

Compared to CA Counties



San Francisco CHSA

Percentage of adults who are overweight or obese by ethnicity (2009)

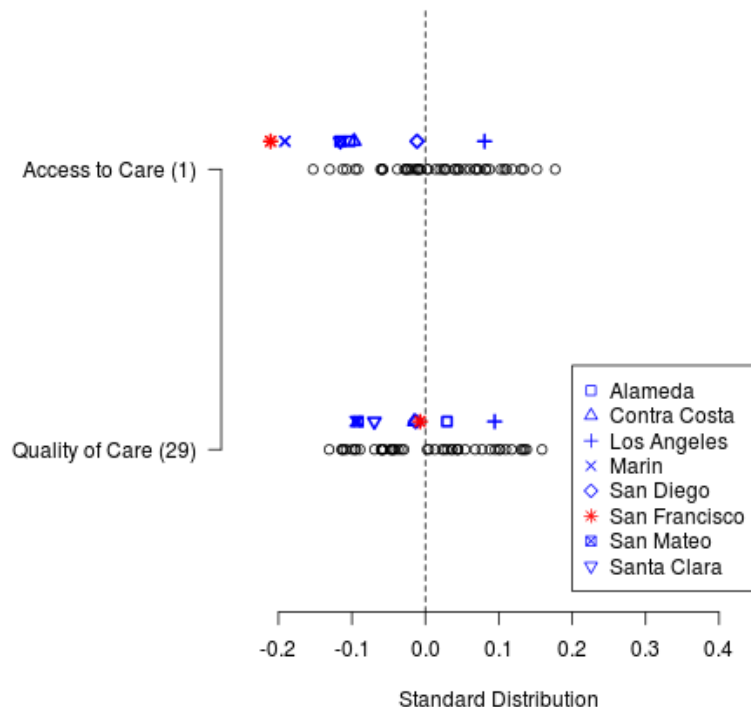
Race/Ethnicity	Percent Overweight (BMI 25.0 – 29.9)		Percent Obese (BMI 30.0 or higher)		National Benchmark for Percent Obese (percent of adults that report a BMI ≥ 30)
	San Francisco	California	San Francisco	California	
Black (non-Latino)	40.0*	36.8	33.4*	27.6	
White (non-Latino)	31.4	33.9	13.2	21.1	
Asian (non-Latino)	22.0	24.4	7.1*	7.2	
Latino	17.4*	36.4	56.9	29.9	
Two or More Races (non-Latino)	14.2*	28.5	5.5*	24.0	
All	26.7	33.6	17.2	22.7	

*Statistically unstable – has not met the criteria for a minimum number of respondents needed and/or has exceeded an acceptable value for coefficient of variance.

** Benchmark is from 2012 County Health Rankings; represents the 90th percentile nationally
Source: CHIS, 2009

Clinical Care in San Francisco

Compared to CA Counties

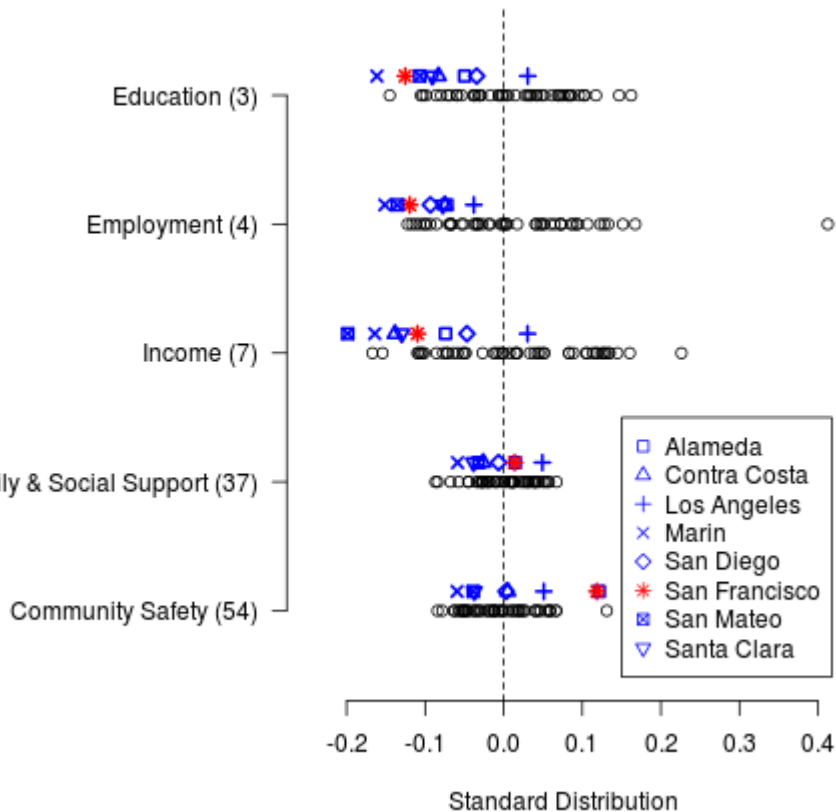


San Francisco CHSA

- High rates of health insurance & health coverage
- Very high rates of supplier supply
- Many facilities available for provision of health care services

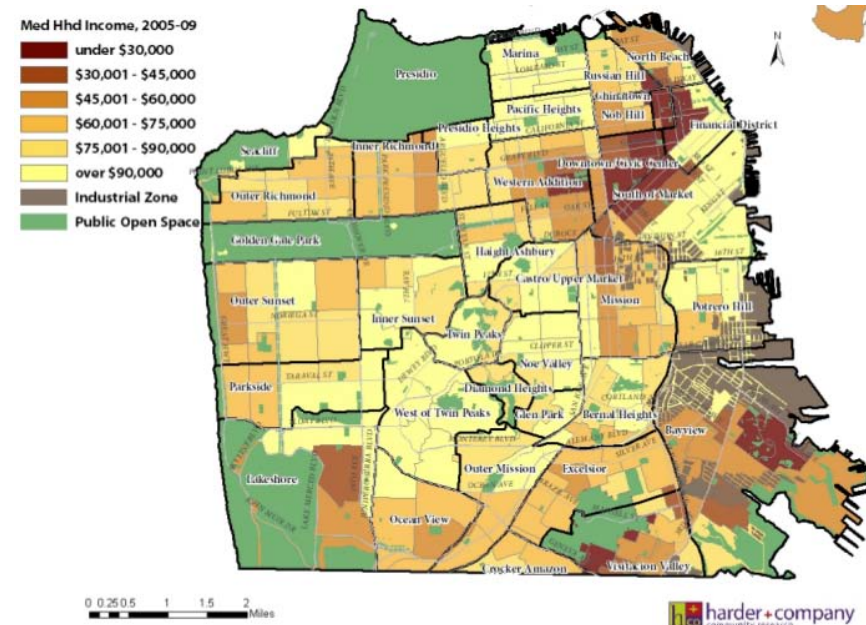
Socioeconomic Factors in San Francisco

Compared to CA Counties



San Francisco CHSA

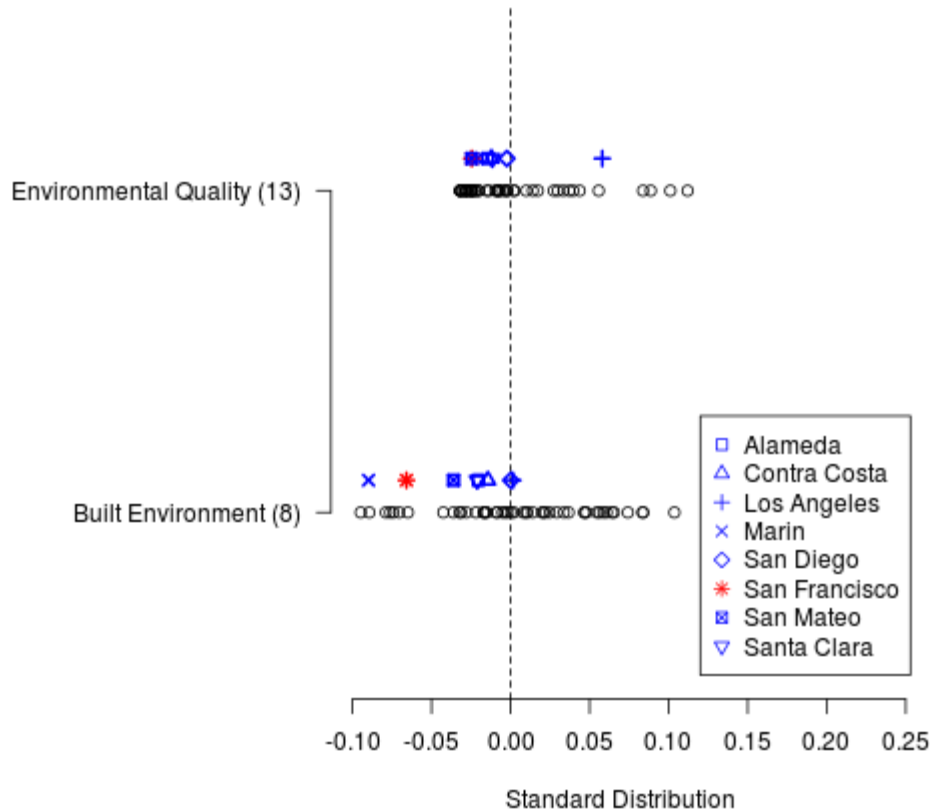
Median household income by neighborhood, 2005-2009



Source: County Health Rankings

Physical Environment in San Francisco

Compared to CA Counties



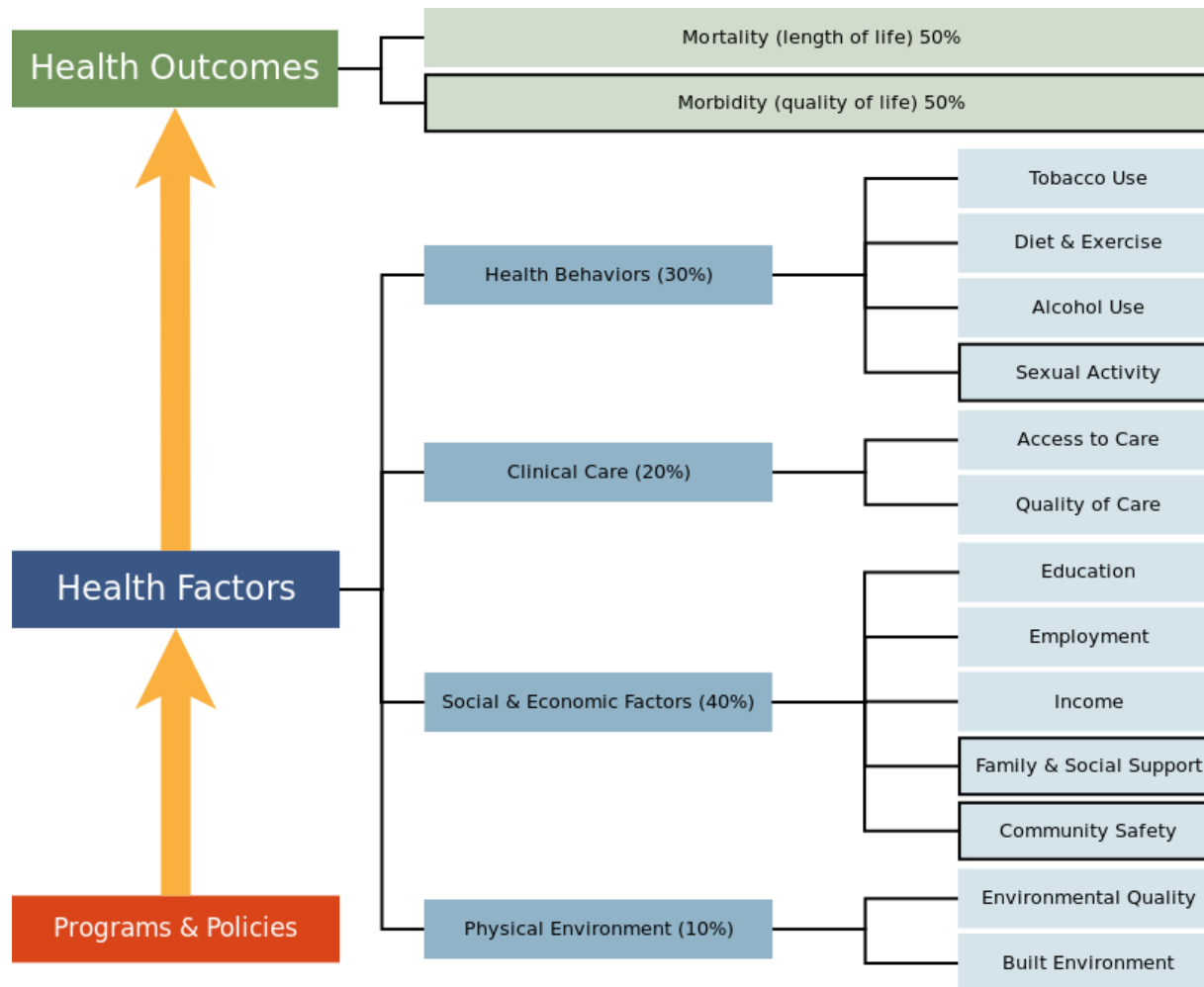
San Francisco CHSA

Percentage of population exposed to 10 ug/m³ or more of particulate matter 2.5 from all sources (2012)

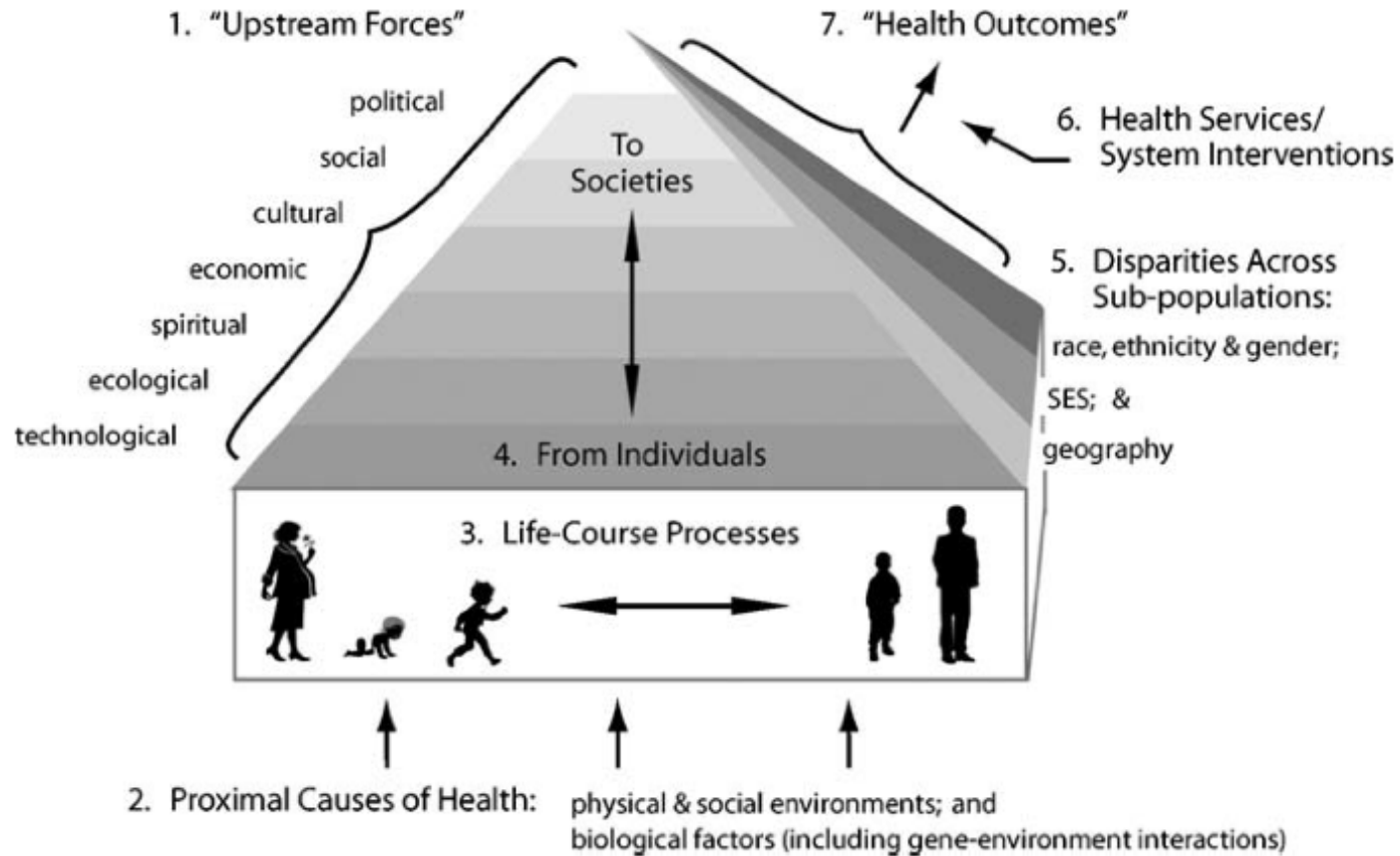
Neighborhood	Percent of population exposed
Mission Bay	16
Financial District	7
South of Market	6
Bayview	4
Excelsior	4
Visitacion Valley	3
Bernal Heights	2
Potrero Hill	2
Downtown/Civic Center	2
Western Addition	1
Mission	0.4
Outer Mission	0.2

Source: County Health Rankings

Summary: Population Health Framework



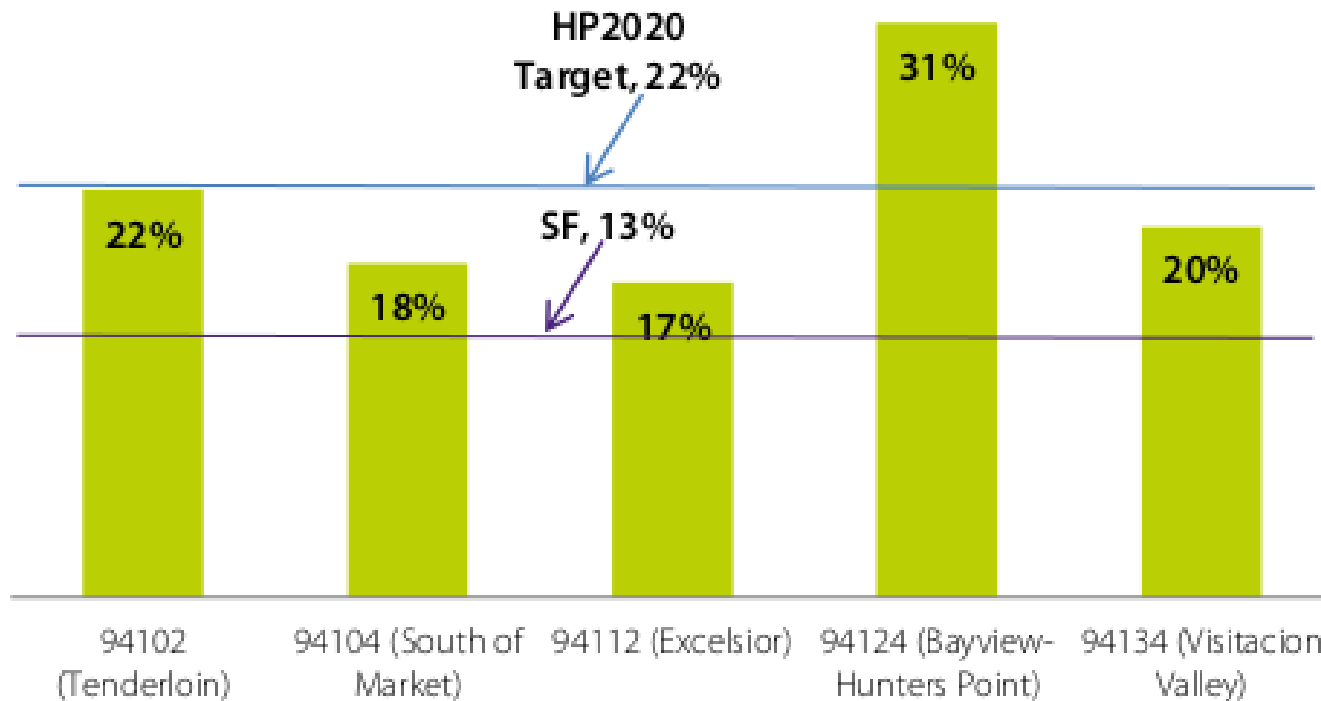
Population Health Framework 2



Etches V, et al. Measuring population health: a review of indicators. *Annu Rev Public Health*, 2006, 27, 29-55. PMID: 16533108

Neighborhood Health Inequity: A Life-Course Perspective

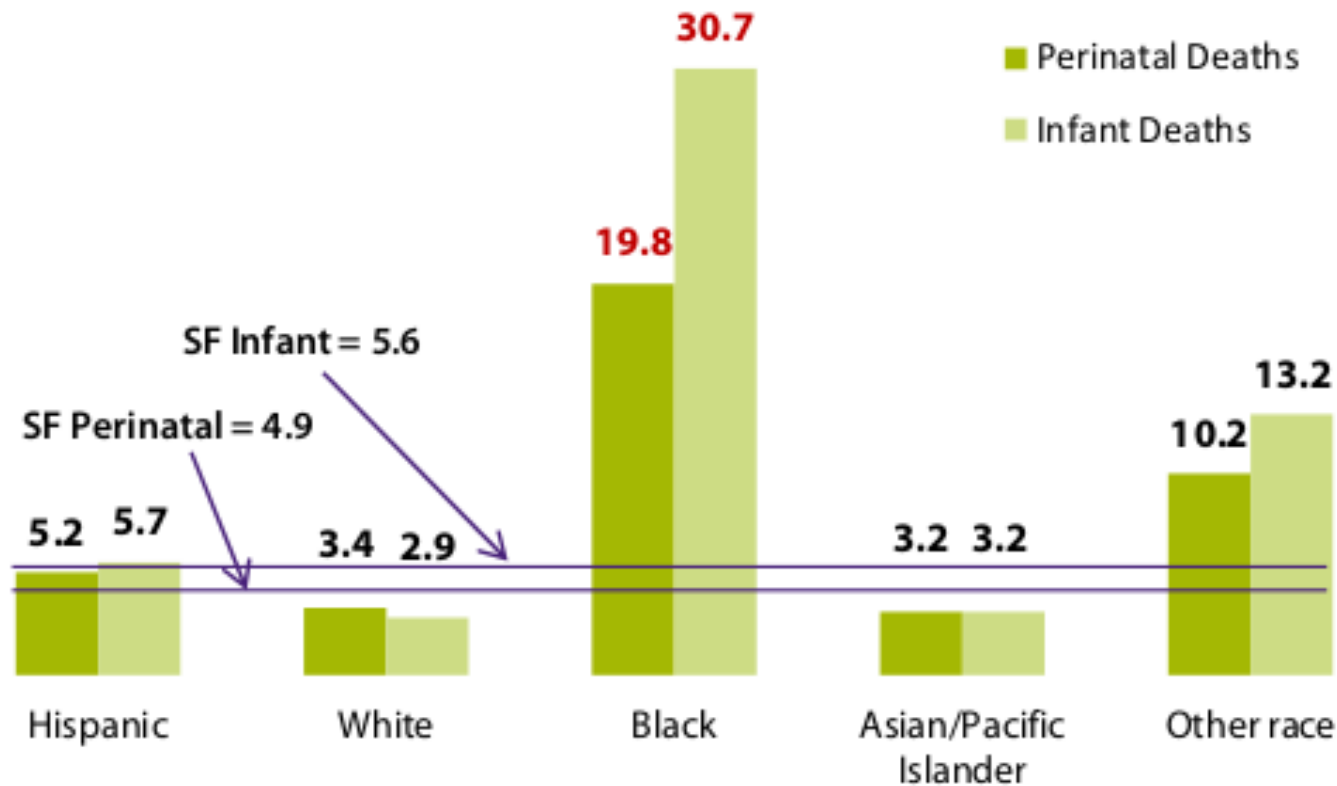
**Percentage of mothers who received no first trimester prenatal care,
by neighborhood (2010)**



Source: California Department of Public Health Birth Files, calculated by SFDPH, 2010

Ethnic Health Inequity: A Life-Course Perspective

Perinatal and infant mortality rates per 1,000 in San Francisco by race/ethnicity (2008)



Source: CDPH Improved Perinatal Outcome Data Report 2008, California County Profile

African American Males Have Highest Rate of Death Across All Top Causes

Age-adjusted Male Death Rate per 100,000 Population
by Race/Ethnicity, 2004-2007

Causes of death for males	Asian death rate	Black death rate	Latino death rate	White death rate	Overall San Francisco death rate
1 Ischemic heart disease	97.2	219.1	101.9	148.8	128.8
2 Lung cancers	52.0	84.4	23.5	51.2	51.0
3 Stroke	48.8	72.2	38.6	37.2	43.8
4 Chronic Obstructive Pulmonary Disease (COPD)	30.8	56.6	15.8	38.1	34.7
5 Hypertensive heart disease	19.4	90.2	20.4	38.1	32.8
6 Pneumonia	25.7	42.5	17.8	36.9	31.2
7 HIV/AIDS	--	78.1	26.8	35.0	27.6
8 Alzheimer, other dementia	21.9	37.9	20.0	29.7	25.8
9 Colon cancers	16.1	36.4	--	21.2	18.8
10 Drug overdose	--	72.6	11.0	22.1	18.8

Bold = higher than SF rate *Green = lowest of other ethnicities* **Red = highest of other ethnicities**

Source: California Department of Public Health, 2004-2007

African American Females Have Higher Rate of Death Across Most Top Causes

Age-adjusted Female Death Rate per 100,000 Population
by Race/Ethnicity, 2004-2007

Causes of death for females	Asian death rate	Black death rate	Latino death rate	White death rate	Overall San Francisco death rate
1 Ischemic heart disease	57.6	139.1	59.9	91.4	79.1
2 Stroke	45.4	63.9	31.1	38.2	42.3
3 Lung cancers	22.7	57.9	14.0	35.8	29.3
4 Alzheimer, other dementia	19.9	38.4	25.0	37.1	29.2
5 Hypertensive heart disease	17.1	62.4	15.8	21.6	22.2
6 Pneumonia	17.1	23.1	10.8	24.5	20.2
7 Breast cancer	12.6	30.1	11.5	26.6	19.5
8 COPD	7.3	23.5	9.5	24.2	15.6
9 Colon cancers	12.0	24.9	--	12.4	12.5
10 Diabetes mellitus	11.2	33.8	11.0	7.6	11.1

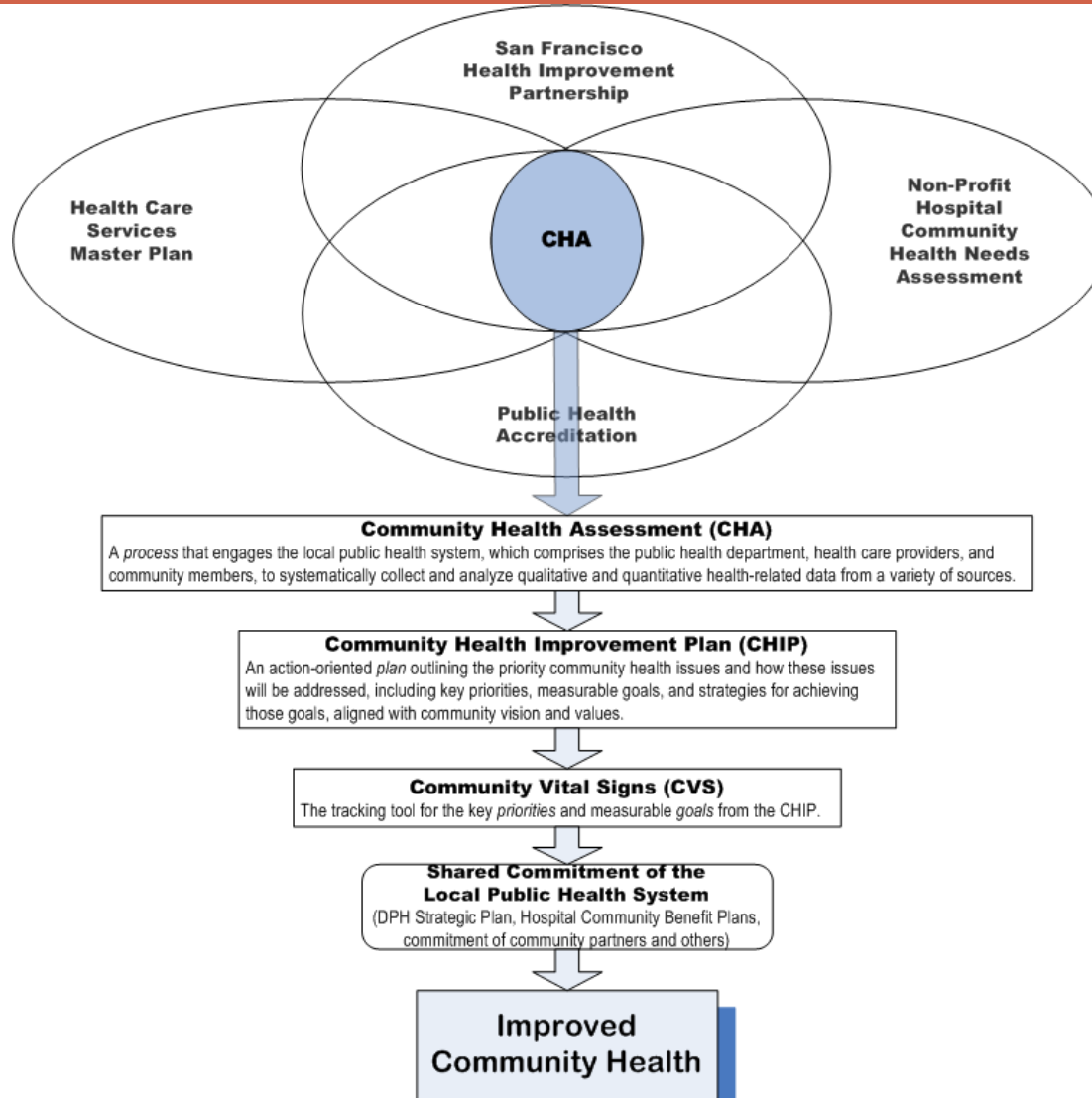
Bold = higher than SF rate Green = lowest of other ethnicities Red = highest of other ethnicities

Source: California Department of Public Health, 2004-2007

Moving from Planning to Action

What comes next?

Aligned for Action



Next Steps

- **Finalize Community Health Improvement Plan**

- Anticipated Fall/Winter 2012

- **HCSMP Release of Draft + Public Comment Period**

- Anticipated First Quarter 2013

- **HCSMP Draft Consideration by Health + Planning Commissions**

- Anticipated Fourth Quarter 2013

- **HCSMP Final Approval by Board of Supervisors**

- Expected First Quarter 2014

- **CHSA, HCSMP, and Health Priorities Updated**

Every 3
Years

QUESTIONS?