What Shapes Health and Wellbeing?

Recommendations for Region Forward

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Estimated Deaths Attributable to Social Factors in the United States

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In 1993, an article provocatively titled "Actual Causes of Death in the United States" offered a new conceptualization of cause-of-death classification, one that acknowledged and quantified the contributions of behavior rather than the more typical pathological explanations recorded on death certificates. The authors, McGinnis and Foege, found that the most prominent contributor to mortality in 1990 was tobacco (400 000 deaths), followed by diet and activity patterns (300 000 deaths). A decade later, updated findings by Mokdad et al. using

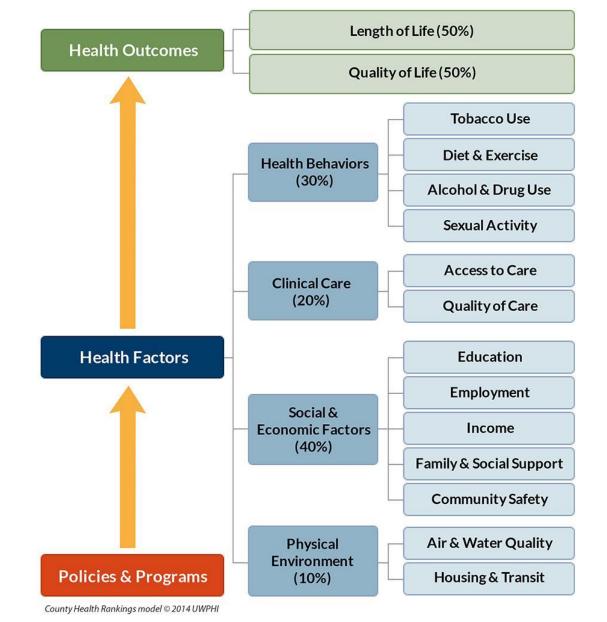
Objectives. We estimated the number of deaths attributable to social factors in the United States.

Methods. We conducted a MEDLINE search for all English-language articles published between 1980 and 2007 with estimates of the relation between social factors and adult all-cause mortality. We calculated summary relative risk estimates of mortality, and we obtained and used prevalence estimates for each social factor to calculate the population-attributable fraction for each factor. We then calculated the number of deaths attributable to each social factor in the United States in 2000.

Results. Approximately 245000 deaths in the United States in 2000 were attributable to low education, 176000 to racial segregation, 162000 to low social support, 133000 to individual-level poverty, 119000 to income inequality, and 39000 to area-level poverty.













Beyond the Clinical Setting





2013 "Metro" Map





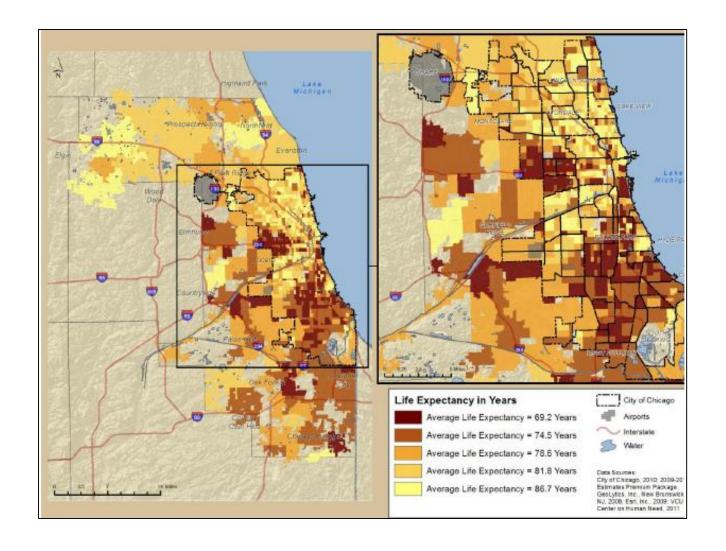
Same City, but Very Different Life Spans

By SABRINA TAVERNISE and ALBERT SUN APRIL 28, 2015

Life expectancy is a measure unlike any other, a sort of X-ray machine that can see through the geography of a city to the bones of a neighborhood's distress. This week, researchers from Virginia Commonwealth University and the Robert Wood Johnson Foundation released life expectancy calculations for four cities, part of a broader series whose aim is to influence social policy.

New York City Average life expectancy: 81 Williamsbridge In Tribeca, Murray Hill and the Upper East Side, the average resident lives Pelham until 85 - on par with places in the world with the highest life expectancy like Japan and Hong Kong. In Brownsville, Brooklyn, about In East Harlem, life expectancy is near the 10 miles away, life expectancy was 74, city low, but just south of closer to that in Brazil. 96th St on the Upper East Side, residents can expect to live the longest Brownsville has the largest Flushing in the city. Upper East Side concentration of public housing of any neighborhood in the city. Residents there die from most major diseases at Life expectancy in the much higher rates than the city **Lower East Side and** Forest Hills 83 Chinatown is the city Williamsburg average. average, but four years lower than its immediate neighbors. Woodhaven Park Slope 78 81 80 Brownsville had the lowest life Sunset Park expectancy in New York City Bay Ridge BROOKLYN The Rockaways Coney Island Tottenville

Mapping health outcomes



Why the Differences?

- Education and income are directly linked to health: Communities
 with weak tax bases cannot support high-quality schools and jobs are
 often scare in neighborhoods with struggling economies.
- Unsafe or unhealthy housing exposes residents to allergens and other hazards like overcrowding.
- Stores and restaurants selling unhealthy food may outnumber markets with fresh produce or restaurants with nutritious food.
- Opportunities for residents to exercise, walk, or cycle may be limited and some neighborhoods are unsafe for children to play outside.
- Proximity to highways, factories, or other sources of toxic agents expose residents to pollutants.
- Access to primary care doctors and good hospitals may be limited.
- Unreliable or expensive public transit can isolate residents from good jobs, health and child care, and social services.
- Residential segregation and features that isolate communities
 (e.g., highways) can limit social cohesion, stifle economic growth,
 and perpetuate cycles of poverty.

The Built Environment



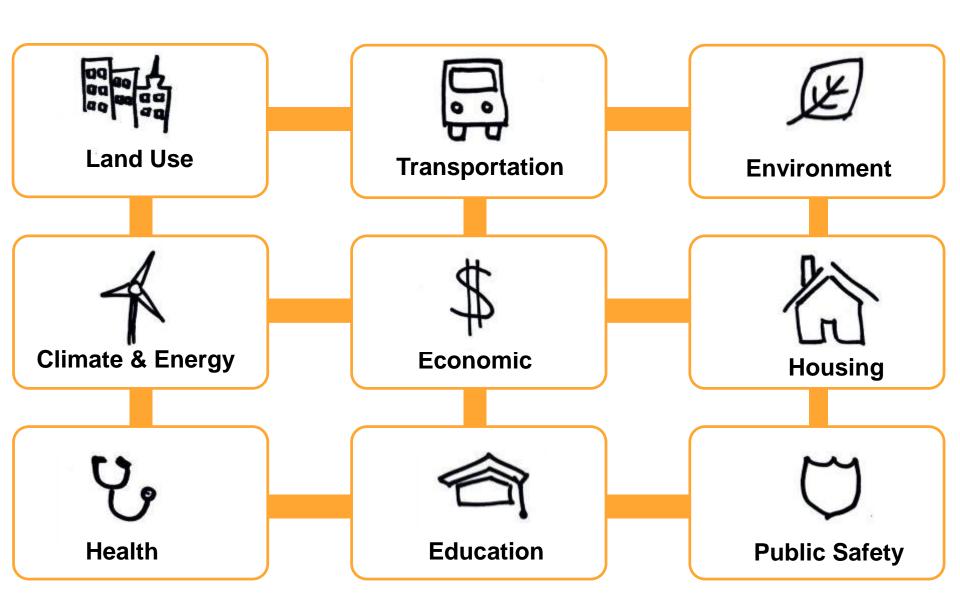


"Health in All" Policies

- Transportation
- Land use
- Built environment
- Taxes
- Housing
- Agriculture
- Environmental justice
- Etc.

→ Health and illness

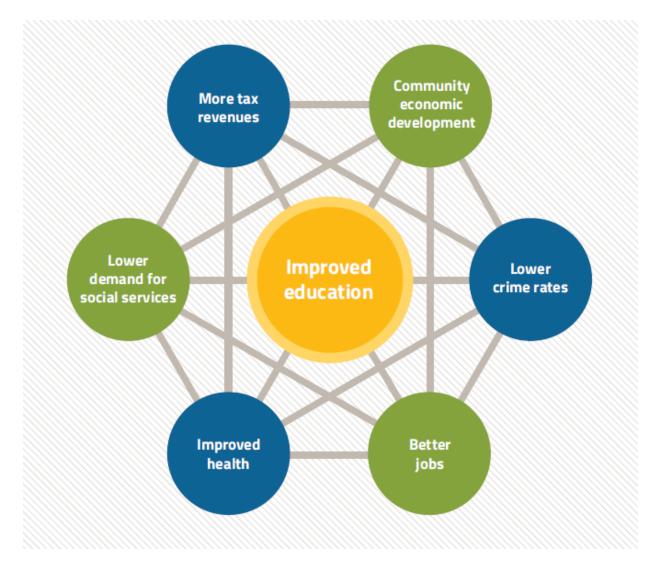
Region Forward: 9 Goal Areas



The Silo Problem of "Health in All Policies"



The Return on Investment



An Employer Perspective

- Educated and skilled workforce
- Health care costs
- Absenteeism
- Presenteeism
- Decreased workforce productivity

Table 2.	Percentage of U.S. adults aged 18 and older with difficulties in physical functioning, 2011
Activities that are very	

Activities that are very difficult or cannot be done at all	Less than a high school diploma	High school diploma or GED	Some college	Bachelor's degree or higher
Any physical difficulty	28.0%	20.5%	17.7%	9.0%
Difficulty walking quarter of a mile	15.4%	9.9%	7.5%	3.6%
Difficulty climbing 10 steps	12.0%	6.8%	5.5%	2.3%
Difficulty standing for 2 hours	18.1%	12.4%	9.9%	5.5%
Difficulty sitting for 2 hours	7.0%	4.4%	3.5%	1.1%
Difficulty stooping, bending, or kneeling	16.8%	12.1%	10.1%	4.8%
Difficulty grasping or handling small objects	3.3%	2.4%	1.9%	0.9%
Difficulty lifting or carrying 10 pounds	10.2%	5.9%	4.3%	1.9%
Difficulty pushing or pulling large objects	14.1%	8.9%	6.9%	2.9%

Data from Schiller et al. Summary health statistics for U.S. adults: National Health Interview Survey, 2011. Table 19. National Center for Health Statistics. Vital Health Stat 10(256), 2012.







New Research and Tools Demonstrate Economic Importance of Early Childhood Programs

ReadyNews Issue 14(5)

New 60-Second Video Shows Support for Preschool from Unexpected Messengers

A business partnership for early childhood and economic success



Championing Success: Business Organizations for Early Childhood Investments

Today more than ever, businesses need employees who are well prepared to succeed in the labor market. But the current workforce pipeline is not sufficient—not for businesses who need well-prepared employees, not for young people who need good jobs, and not for the nation that needs a growing economy.

Pennsylvania Businesses



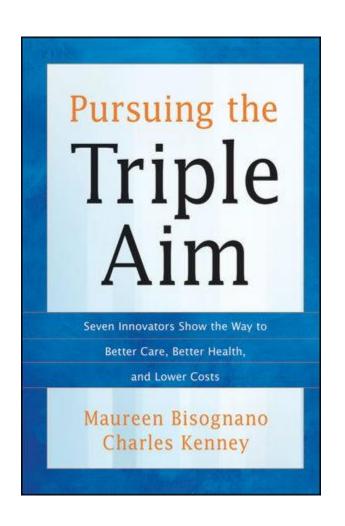
An Investor Perspective



FEDERAL RESERVE BANK OF SAN FRANCISCO & LOW INCOME INVESTMENT FUND

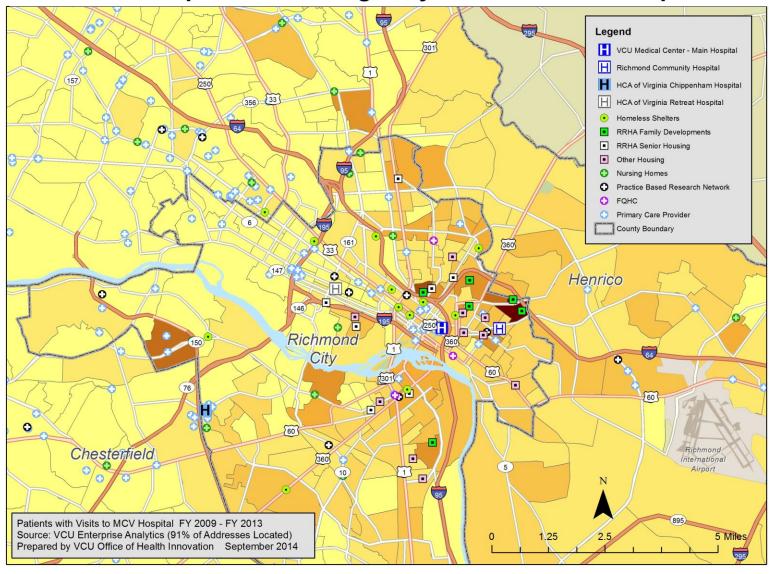








Total Inpatient Discharges by Census Block Group





search RWJF

view all: Grants

Topics

Blogs

How "Hot Spotting" Cut Health Care Costs by 50%

One doctor in Camden, New Jersey, Jeffrey Brenner, used data to map "hot spots" of health care high-utilizers—one patient had gone to the hospital 113 times in a year—and found a better, cheaper way to treat these costly patients through collaborative care. Brenner's team was able to reduce hospital visits and costs by 40 to 50 percent.



Collective Impact

The Five Conditions of Collective Impact				
Common Agenda	All participants have a shared vision for change including a common understanding of the problem and a joint approach to solving it through agreed upon actions.			
Shared Measurement	Collecting data and measuring results consistently across all participants ensures efforts remain aligned and participants hold each other accountable.			
Mutually Reinforcing Activities	Participant activities must be differentiated while still being coordinated through a mutually reinforcing plan of action.			
Continuous Communi- cation	Consistent and open communication is needed across the many players to build trust, assure mutual objectives, and create common motivation.			
Backbone Support	Creating and managing collective impact requires a separate organization(s) with staff and a specific set of skills to serve as the backbone for the entire initiative and coordinate participating organizations and agencies.			

Kania and Kramer, Stanford Social Innovation Review, Jan 21, 2013







ABOUT NEWS CALENDAR PARTNERS STARTLIVING WELL MAKE AN IMPACT JOIN US

COLLABORATIES WITH PARTNERS TO CREATE

COLLABORATIES WITH

Live Well San Diego is an initiative of the **County of San Diego** to **improve health, safety and well-being** for all residents. It represents a shared vision that can only be accomplished through collaboration with partners in every sector. This vision also calls on every resident to take action to improve their own health, safety and well-being, as well as that of their families and neighbors.





Live Well San Diego Partners and County Employees Host Expo Celebrating a Successful Year of



"Live Well San Diego"







How Progress Will Be Measured







Live Well San Diego Expanded Indicators Dashboard



Indicator	Description	We want to increase this We want to decrease this	^	San Diego County	California	United States
HEALTH - Enjoying good health and expecting to live a full life						
Life Expectancy & Quality of Life						
Life Expectancy	Measure of length and duration of life expected at birth			81.5 yrs (2010)	80.8 yrs (2010)	78.7 yrs (2010)
	Percent of population that is sufficiently healthy to be able to live independently (not including those who reside in nursing homes or other institutions)		^	95.3% (2011)	94.7% (2011)	94.2% (2011)

What Can We Do to Improve Life Expectancy and Quality of Life?



Chronic diseases are now the major cause of death and disability worldwide. There are 3 behaviors that contribute to 4 chronic diseases that cause over 50 percent of all deaths. To learn more about chronic disease in San Diego County and what you can do about it go to: http://www.sdcounty.ca.gov/sdc/live_well_san_diego/indicators/live-well-san-diego-indicators-resources.html

KNOWLEDGE - Learning throughout the lifespan						
Education						
High School Diploma or	Percent of population with a High School Diploma or	A	84.3%	81.1%	85.9%	
<u>Equivalent</u>	equivalent	Т	(2011)	(2011)	(2011)	
Less Than A High School	Percent of population with less than a High School Diploma or	\forall	15.7%	18.9%	14.1%	
<u>Diploma or Equivalent</u>	equivalent	W	(2011)	(2011)	(2011)	
Bachelor's Degree	Described and the state of the	1	33.0%	30.3%	28.5%	
	Percent of population with a Bachelor's Degree		(2011)	(2011)	(2011)	
Graduate or Professional	Described and the conduction with a Conduction of Described Descri	1	12.4%	11.1%	10.6%	
<u>Degree</u>	Percent of population with a Graduate or Professional Degree	Т	(2011)	(2011)	(2011)	
School Enrollment	Percent of combined gross enrollment of school aged		89.7%)	89.8%	89.0%	
	population	T	(2011)	(2011)	(2011)	
STANDARD OF LIVING - Having enough resources for a quality life						
	Unemployment Rate					
Unemployment Rate	Percent of the total labor force that is unemployed (actively	\forall	9.1%	10.1%	8.7%	
	seeking employment and willing to work)	w	(2011)	(2011)	(2011)	
Income						
Spending Less Than 1/3 of	Percent of population spending less than 1/3 of income on		48.9%	50.2%	60.2%	
Income on Housing	housing	1	(2011)	(2011)	(2011)	





Region Forward Health Goal

Health Goal					
We seek communities in which every person enjoys health and well-					
Proposed Target #1	Proposed Target #2				
Human health, including the health of subgroups, is increasingly considered as a component in the development and evaluation of all policies, plans, and projects.	All residents, including subgroups, enjoy continuous improvement in the quality and duration of their lives.				
Proposed Indicator for #1	Proposed Indicators for #2				
Number of jurisdictions adopting a	Life Expectancy Measures				
model, example of, or framework to consider health in all policy-making	Number of Poor Physical Health Days				
decisions	Number of Poor Mental Health Days				

	Region Forward Goals	Sample ACS/other data
Transportation	We seek a broad range of public and private transportation choices for our Region which maximizes accessibility and affordability to everyone and minimizes reliance upon single occupancy use of the automobile. We seek a transportation system that maximizes community connectivity and walkability, and minimizes ecological harm to the Region and world beyond.	Transportation to work (Bus Train Subwax) Transportation to work (car taxi motorcycle) Transportation to work (walk, bike)
Climate & Energy	We seek a significant decrease in greenhouse gas emissions, with substantial reductions from the built environment and transportation sector. We seek efficient public and private use of energy Region-wide, with reliance upon renewable energy and alternative fuels for buildings, vehicles, and public transportation.	
Environmental	We seek to maximize protection and enhancement of the Region's environmental resources by meeting and exceeding standards for our air, water, and land. We seek preservation and enhancement of our Region's open space, green space, and wildlife preserves.	Secondhand smoke Smoke-free homes
Public Safety	We seek safe communities for residents and visitors. We seek partnerships that manage emergencies, protect the public health, safety, welfare, and preserve the lives, property and economic wellbeing of the region and its residents.	Violent crime
Education	We seek to provide greater access to the best education at all levels, from pre-kindergarten to graduate school. We seek to make our Region a pre-eminent knowledge hub, through educational venues, workforce development, and institutional collaboration.	Completion of high school Percentage with a bachelor's degree (only) Percentage with a bachelor's degree or higher Some College GED Share of young adults in school, employed or in the military
Housing	We seek a variety of housing types and choices in diverse, vibrant, safe, healthy, and sustainable neighborhoods, affordable to persons at all income levels. We seek to make the production, preservation, and distribution of affordable housing a priority throughout the Region.	Age of housing Severe housing problems (Lack of plumbing facilities, kitchen facilities) Occupants per room
Health & Human Services	We seek healthy communities with greater access to quality health care and a focus on wellness and prevention. We seek to provide access and delivery of quality social services to all residents.	Uninsured Private Insurance Public Insurance Population with a disability
Economic	We seek a diversified, stable, and competitive economy, with a wide range of employment opportunities and a focus on sustainable economic development. We seek to minimize economic disparities and enhance the prosperity of each jurisdiction and the Region as a whole through balanced growth and access to high-quality jobs for everyone. We seek to fully recognize and enhance the benefits that accrue to the region as the seat of the National government and as a world capital.	Employed Unemployed Not in work force Proportion of homeowners or renters who are considered burdened (>30% income spent on rent/mortgage) Table DP04 Median household income Overall Poverty Child poverty Areas of concentrated poverty (> 20% below FPL) Gini Index (income inequality) Single parent households



Health & Wellbeing

Health Opportunity Index

Virginia Health Opportunity Index (HOI) * By Census Tracts 2009 ** High Health Opportunity Areas Low Health Opportunity Areas

Policy opportunities

- Identify pockets of need
- Develop synergy across Region Forward sectors
- Leverage investments in strategic solutions
- Create data platform for Health Officials Committee
- Establish benchmarks for tracking progress

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