

Keynote Presentation



CO L O R A D O

Department of Public
Health & Environment

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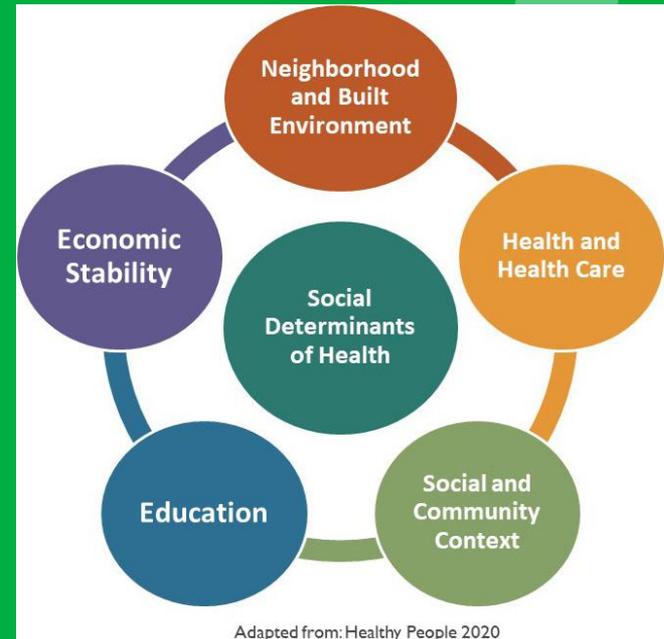


Moving From What and Why to How: Lessons Addressing the Social Determinants of Health

Gabriel Kaplan, PhD, MPA-URP
Past-President, NACDD
November 1, 2019

Overview

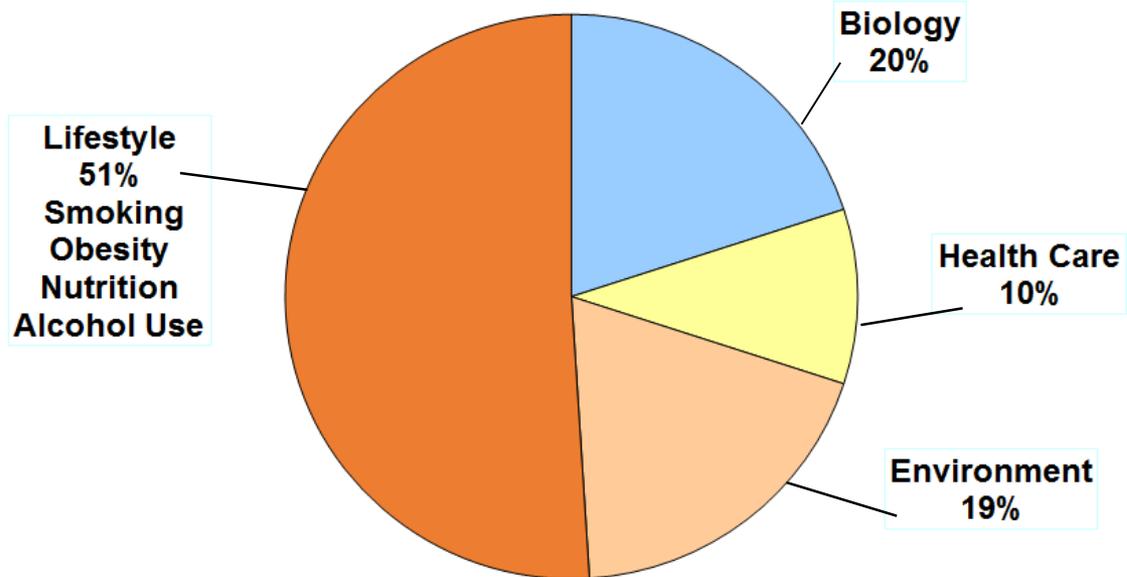
- Review of the *Root Causes, social determinants of health, and Public Health 3.0*
- Using Public Health tools to identify root cause strategies
- Public Health 3.0 – some steps worth following



NATIONAL ASSOCIATION OF
CHRONIC DISEASE DIRECTORS

Promoting Health. Preventing Disease.

Factors Commonly Understood to Influence Modern Health Status



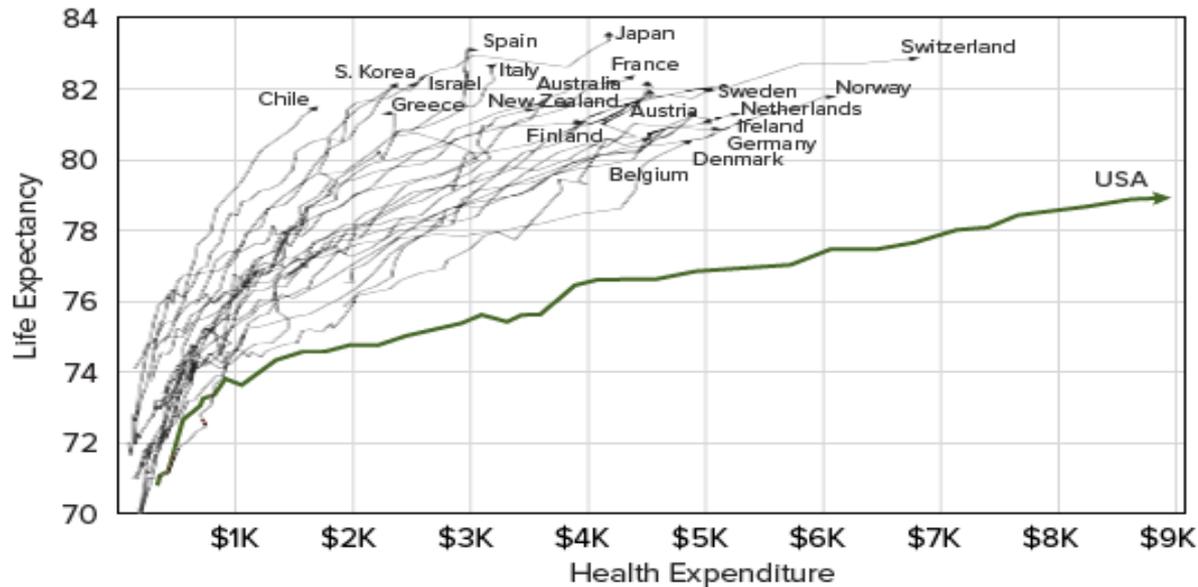
However....

Source: McGinnis, J.M and Foege, W.H. (1993). "Actual Causes of Death in the United States," Journal of the American Medical Association.

Policy Matters

U.S. Life Expectancy vs. Health Expenditure

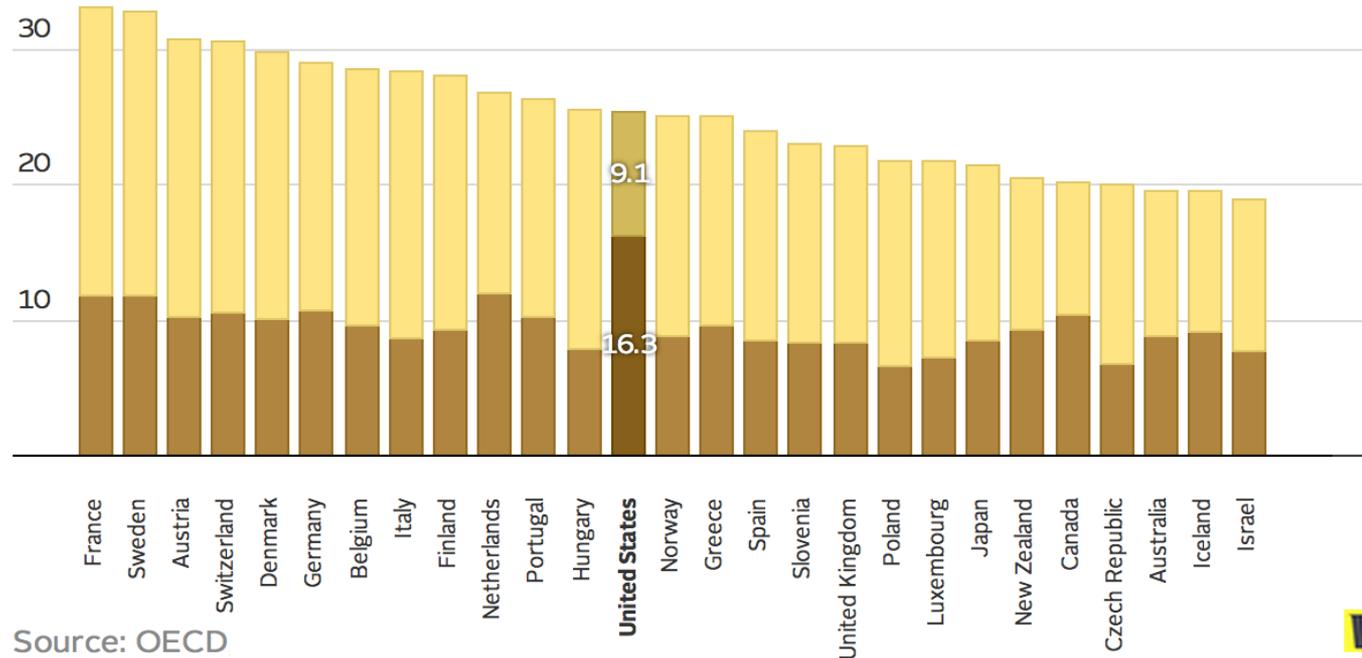
From 1970 to 2014, citizens of OECD countries have outlived their American counterparts – for a fraction of the associated costs.



Source: Visual Capitalist

The U.S. is an anomaly in health and social spending patterns

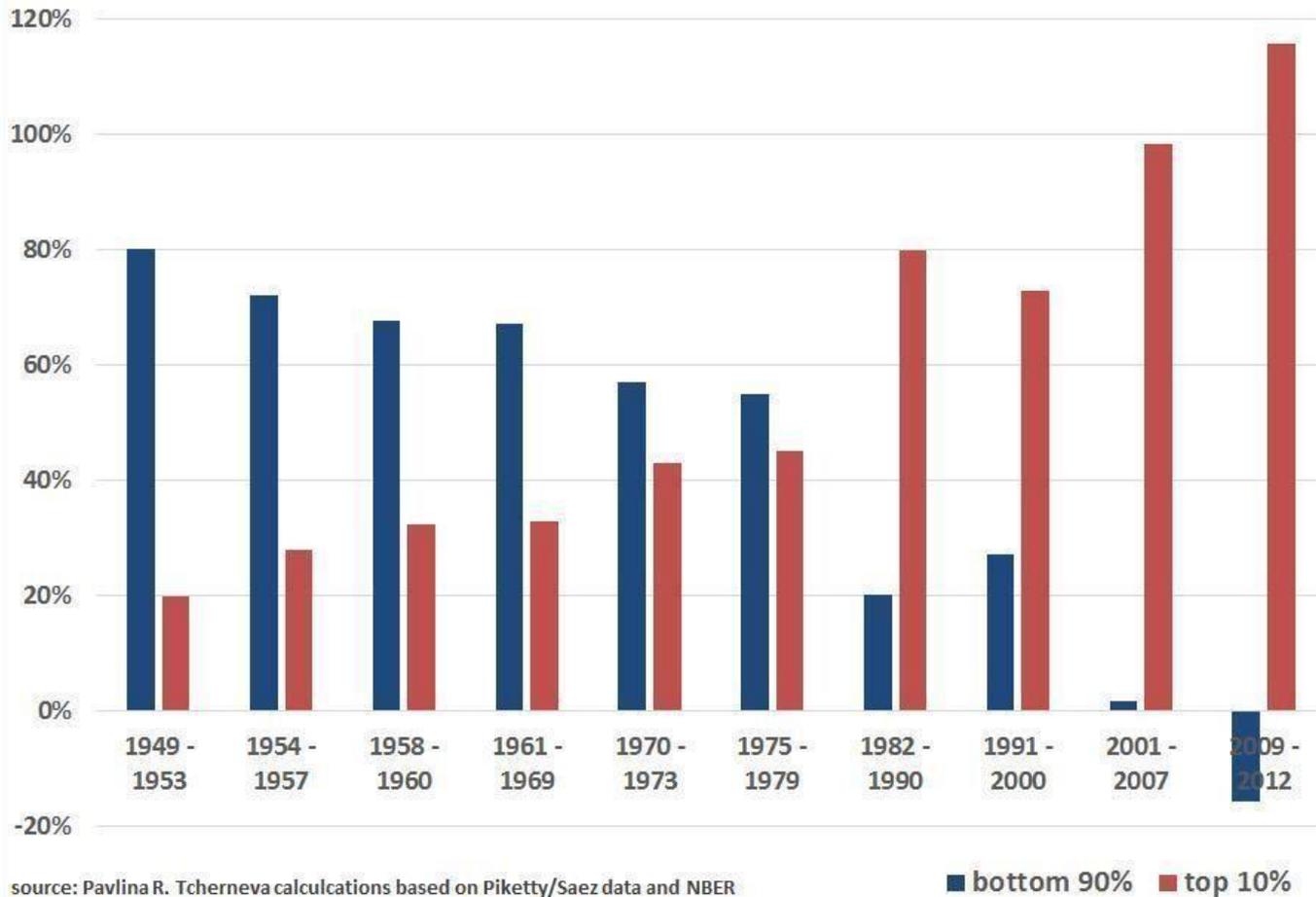
■ Health expenditures as % of GDP
 ■ Social service expenditures as % of GDP



Source: OECD



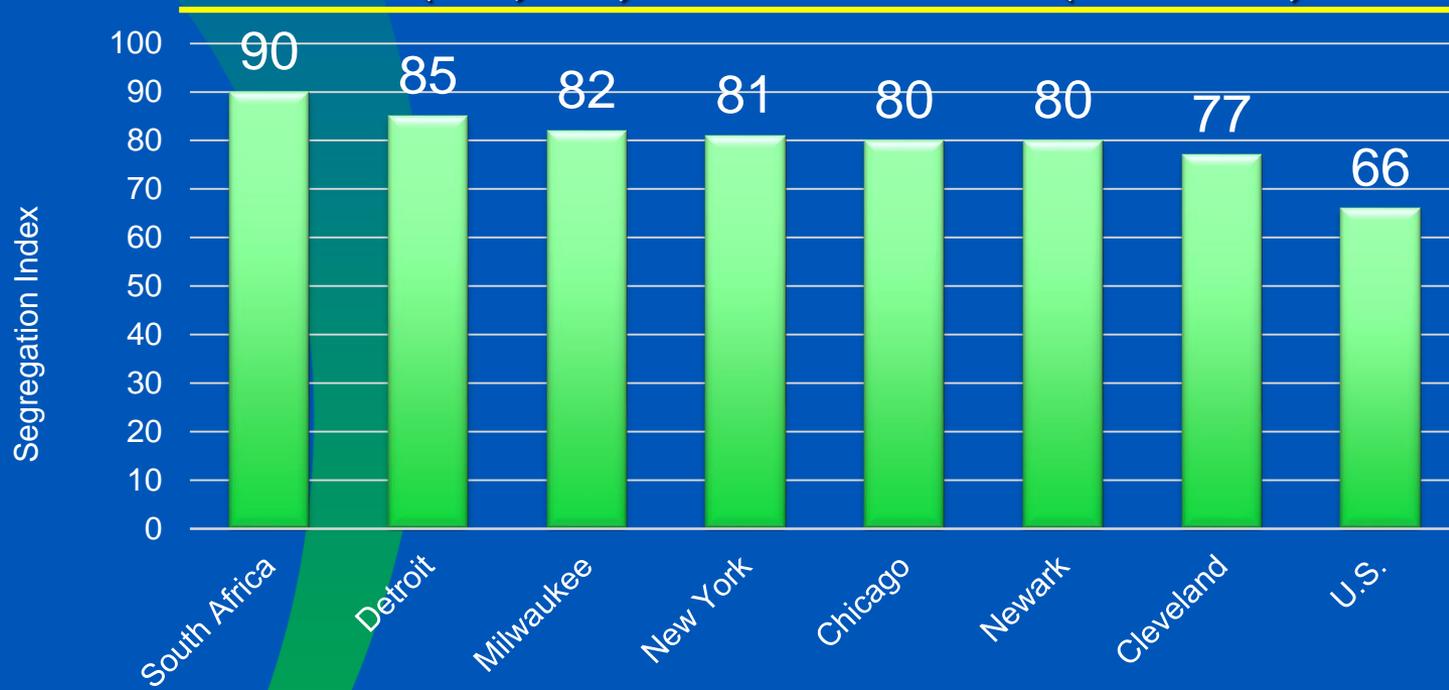
Distribution of Average Income Growth During Expansions



source: Pavlina R. Tcherneva calculations based on Piketty/Saez data and NBER

American Apartheid:

South Africa (de jure) in 1991 & U.S. (de facto) in 2000

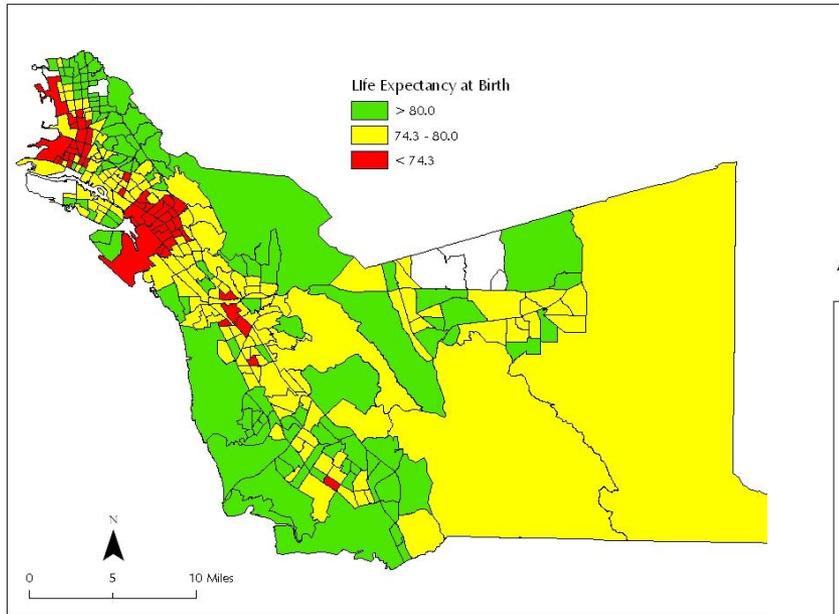


Source: Massey 2004; Iceland et al. 2002; Glaeser & Vigitor 2001

PLACE MATTERS



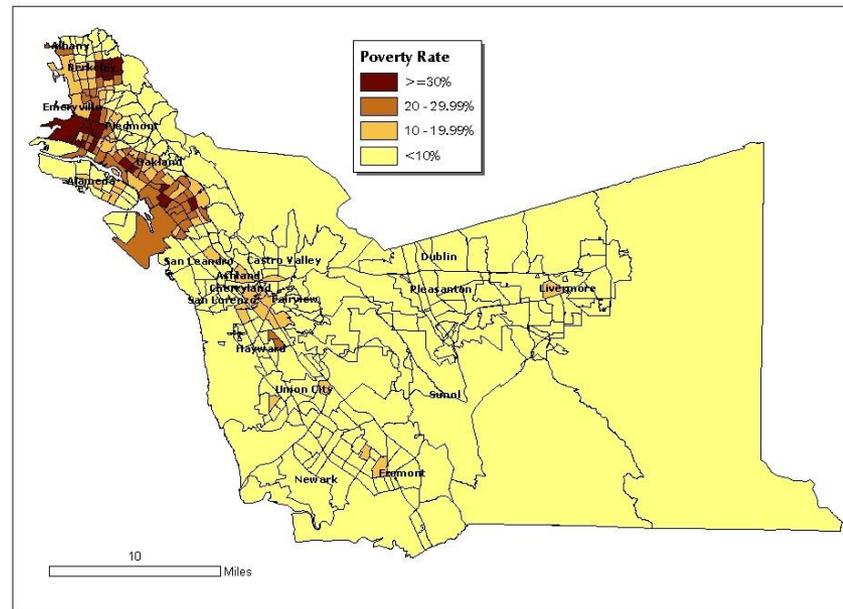
Life Expectancy by Tract



Source: CAPE, with data from vital stats

Alameda County, CA

Alameda County Poverty



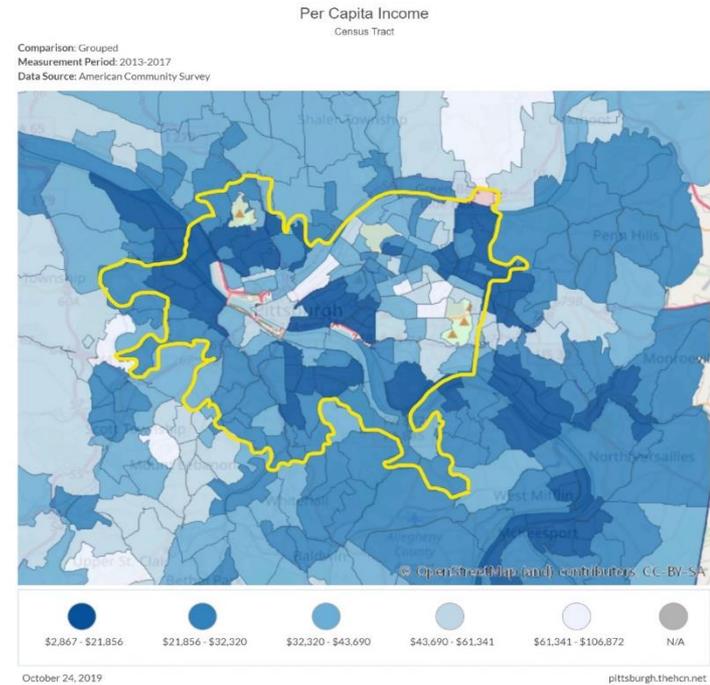
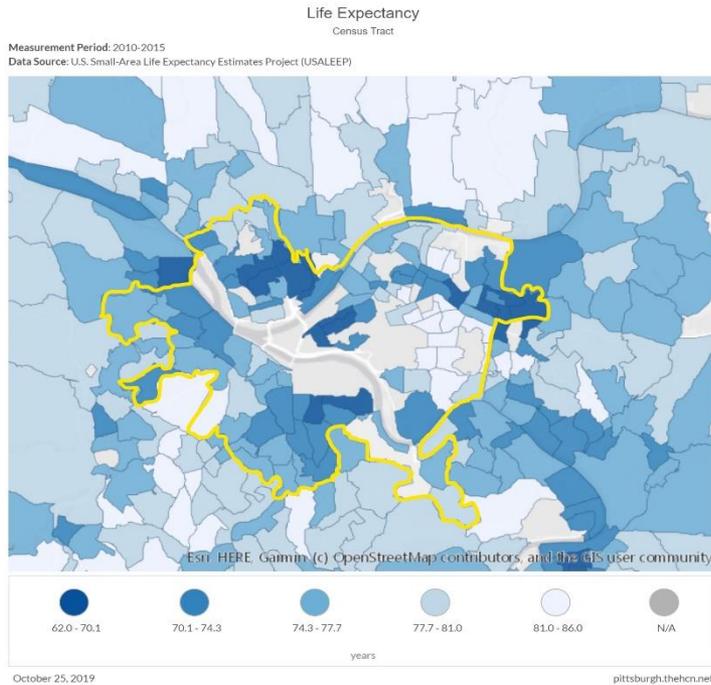
Source: CAPE, Census 2000.

Source: Anthony Iton, Alameda
 County Health Department 2007

Pittsburgh

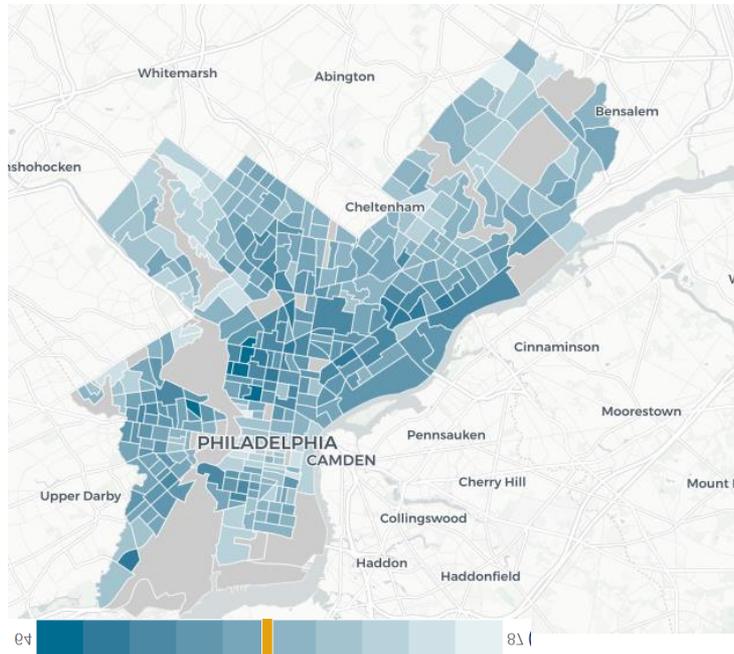
Life Expectancy

Per Capita Income

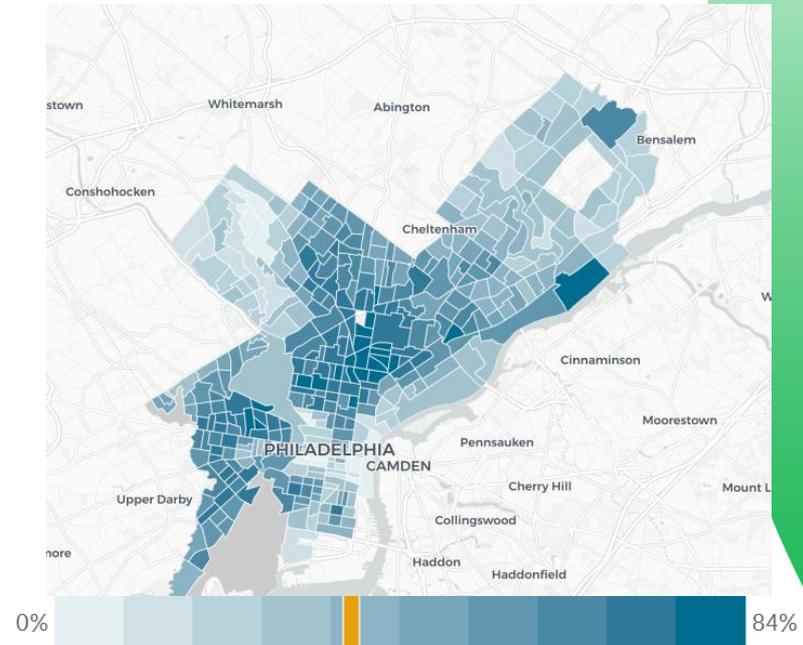


Source: Allegheny County Health Department

Philadelphia Life Expectancy



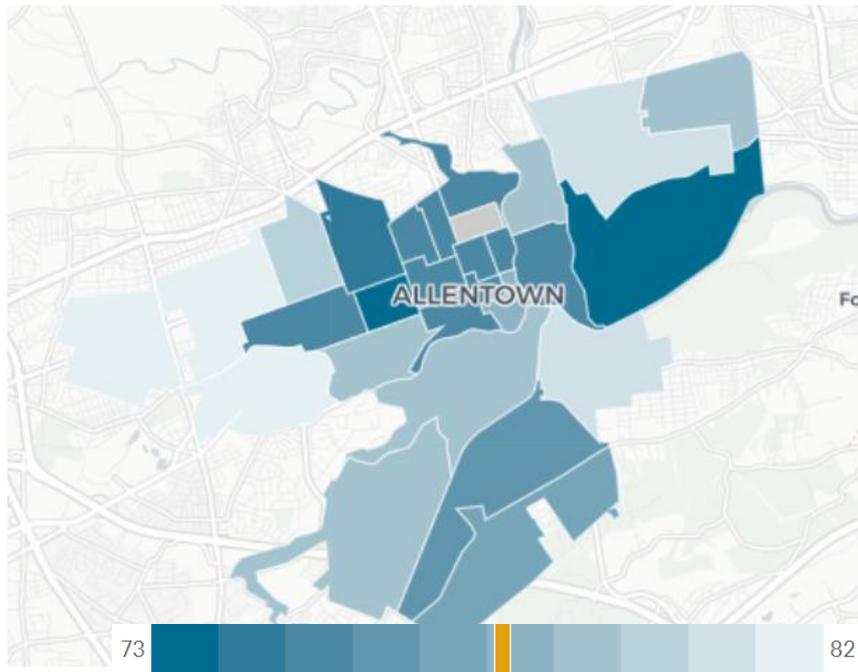
Percent of Children in Poverty



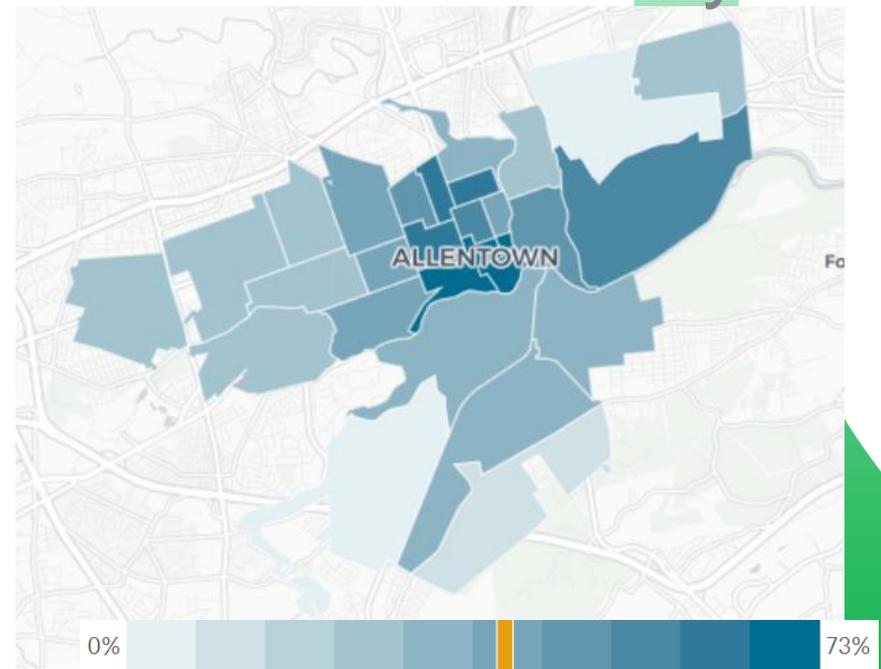
Source: Philadelphia City and County Health Department

Allentown

Life Expectancy



Percent of Children in Poverty



Source: 500 Cities Project – City Health Dashboard