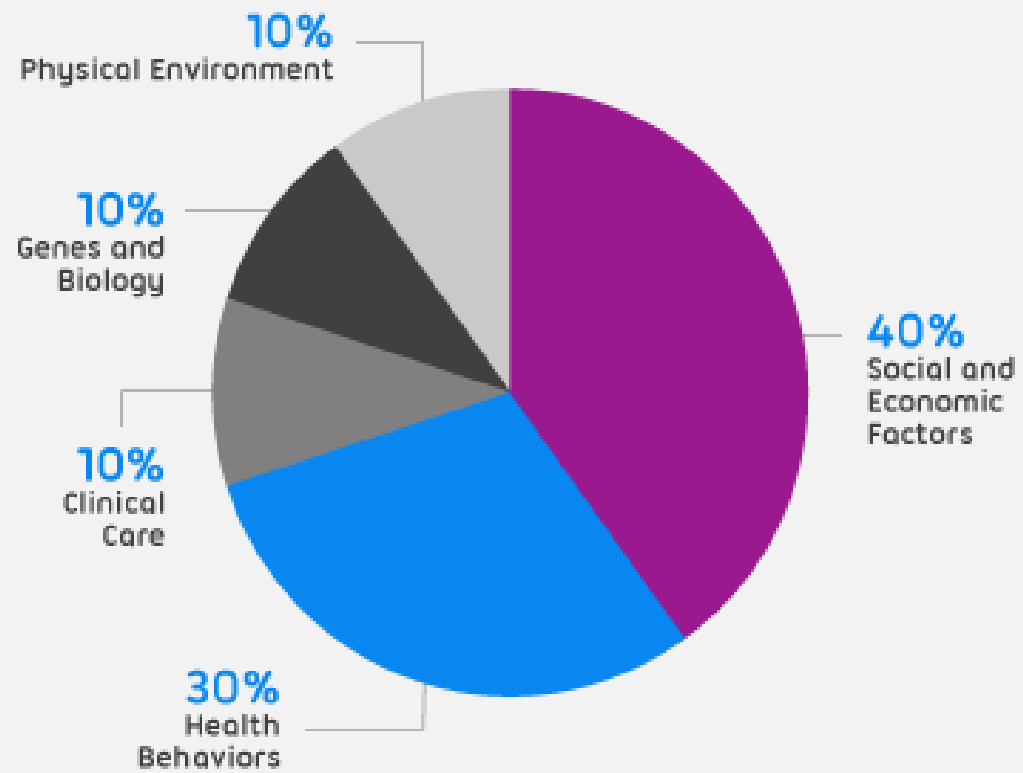


Arnold M. Epstein

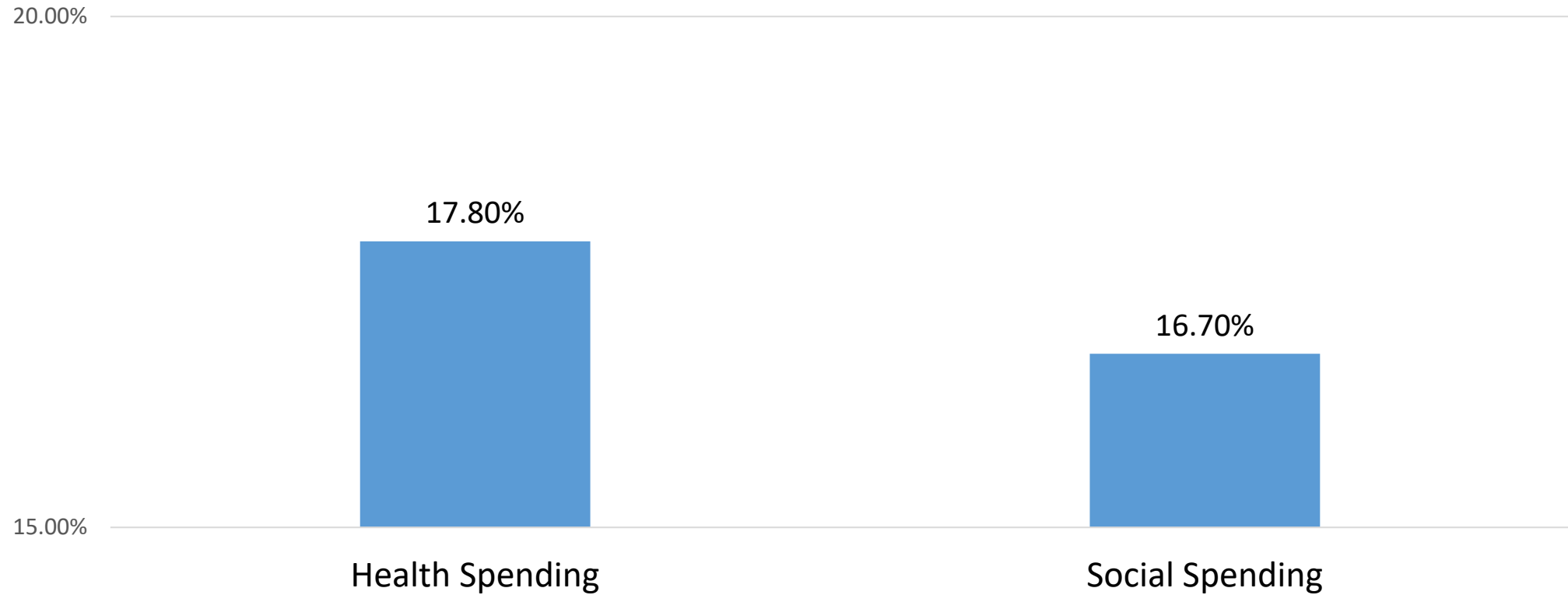
MSU 2018 Health Care Policy
Conference

April 6, 2018

Population Health Drivers

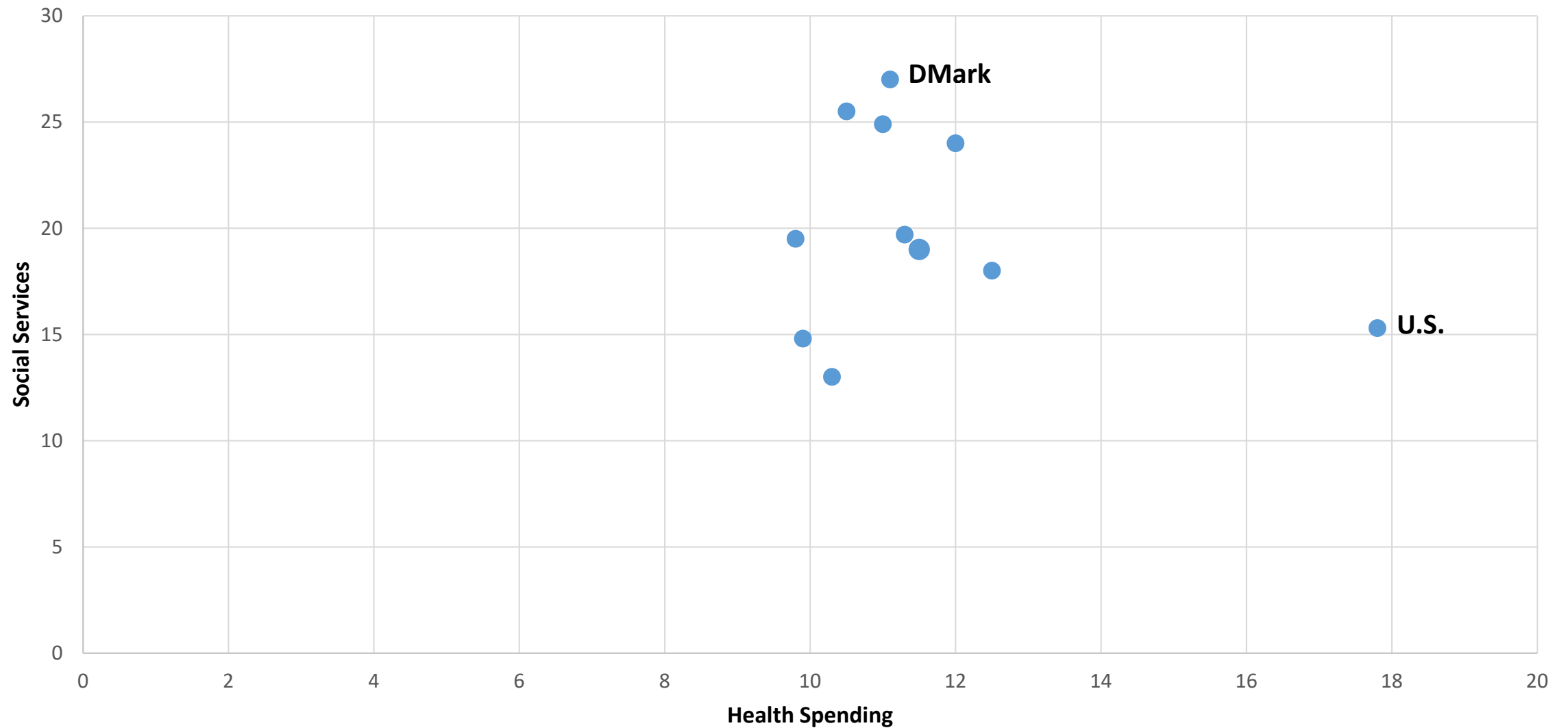


Health and Social Spending as a Percent of GDP (2016-OECD)



Social spending addresses circumstances that adversely affect citizens welfare (e.g. pensions and support services for elderly, disability, and sickness benefits, unemployment benefits and housing subsidies).

Spending on Health and Social Services



Source: Papanicolaos I, Woskie LR, Jha AK. Health Care Spending in the United States and Other High-Income Countries. JAMA. March 2018.

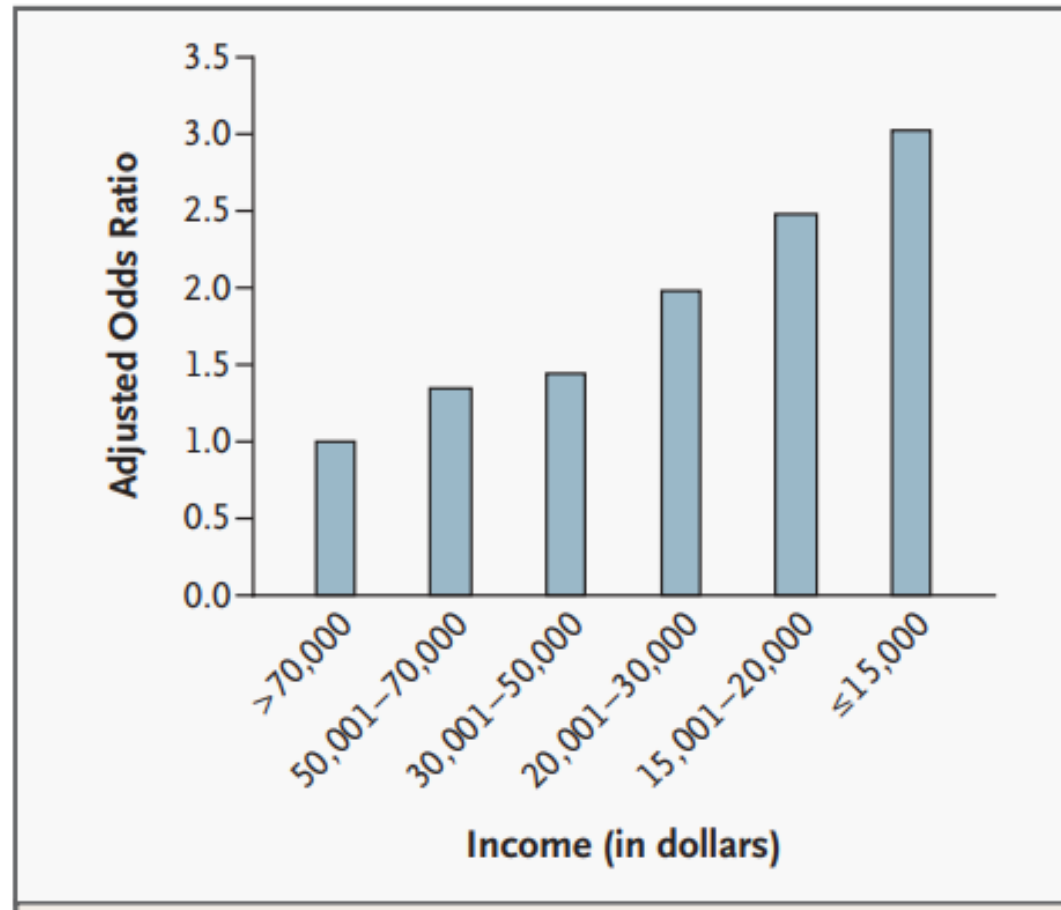
How Nations Rank on Per Capita Spending for Health and Social Services

Health Spending	Social Spending
United States	Denmark
Switzerland	France
Sweden	Sweden
Germany	Netherlands
France	Japan
Japan	U.K.
Denmark	Germany
Netherlands	Switzerland
Canada	United States
U.K.	Australia
Australia	Canada

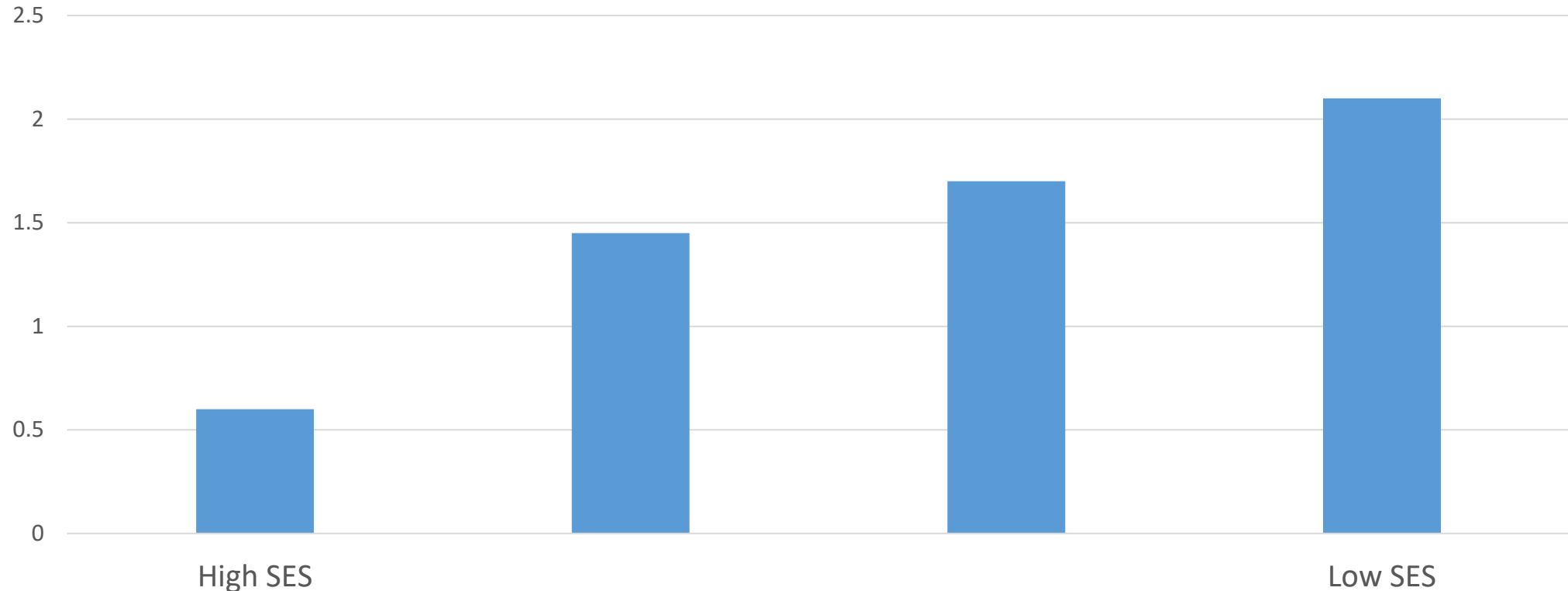
Health Status of the U.S. and Rank with 10 High-Income Countries

Health Status Mean	United States Score	United States Rank	Top Ranked Country
% Overweight	70.1	Worst	Japan 23.89
Life Expectancy	78.8	Worst	Japan 83.9
% Infant Mortality	.58	Worst	Japan .21
Diabetes Hosp. (Per 100,000 pop.)	191	2 nd to worst	Netherlands 69.8
Asthma Hosp. (Per 100,000 pop.)	89.7	First	Canada 14.6

Adjusted Odds Ratio for Death from All Causes According to Household Income, 1972-1989



Relative Risk of Death from Cardiovascular Disease Among British Civil Services by Classification of Socio-economic Status through Occupation



Rates adjusted for age, smoking, blood pressure, cholesterol, glucose tolerance.

We Lack Consensus on Why Persons with Higher Socioeconomic Status Live Healthier Lives?

- Education
- Income
- Occupation
- Healthier Neighborhoods
- Less Stress

Investments in Social and Economic Policy Can Pay Health Dividends Downstream

- Policies regarding education, taxes, recreation, transportation and housing cannot be divorced from their impact on health
- We lack consensus on what actions are most efficient and cost-effective
- We have embarked on another experiment with accountable healthcare communities.
- Lets hope we learn something that will enable us to make progress