

Health Economics in the Extramural Programs of the National Institute on Aging

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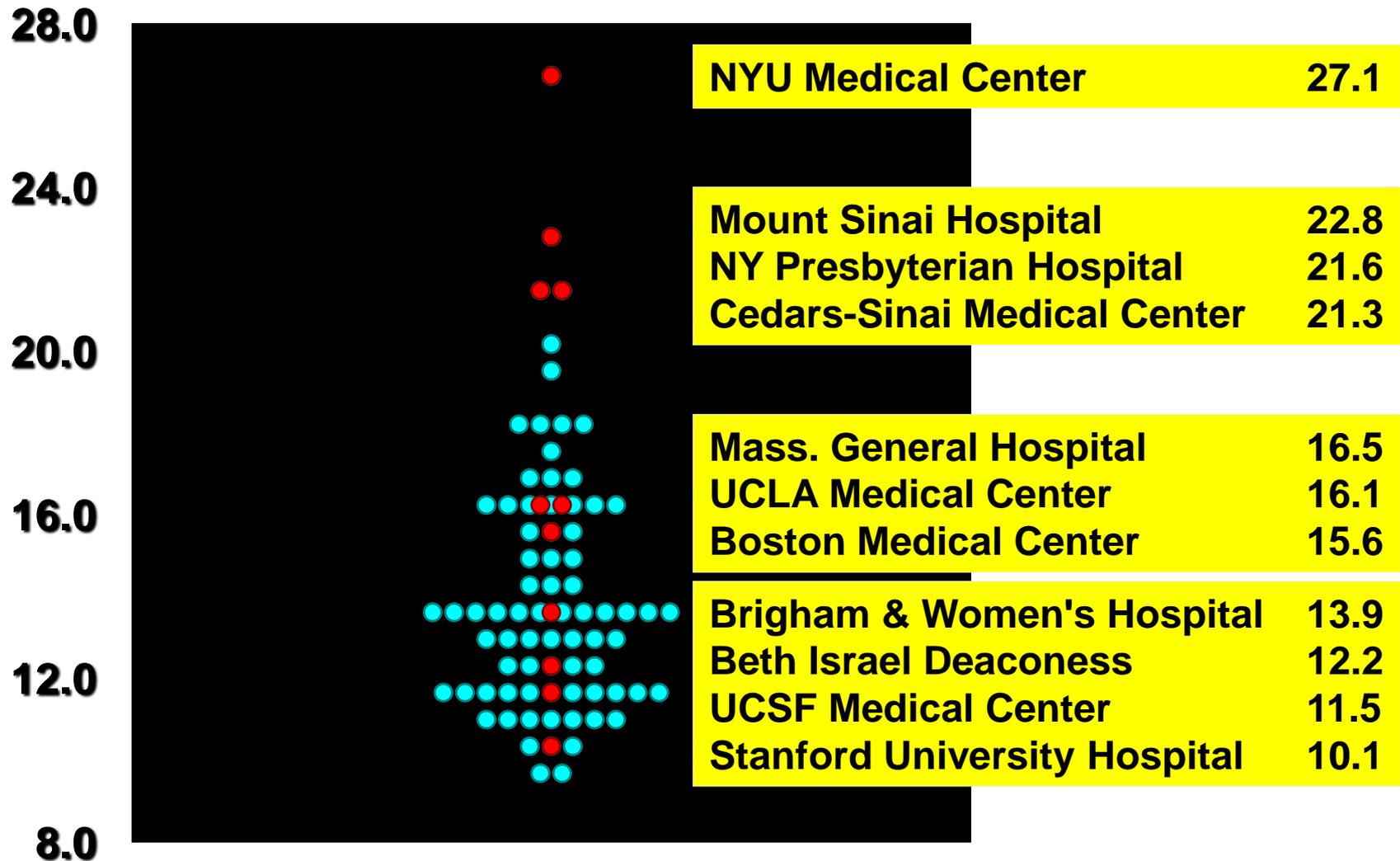


NIA Health Economics

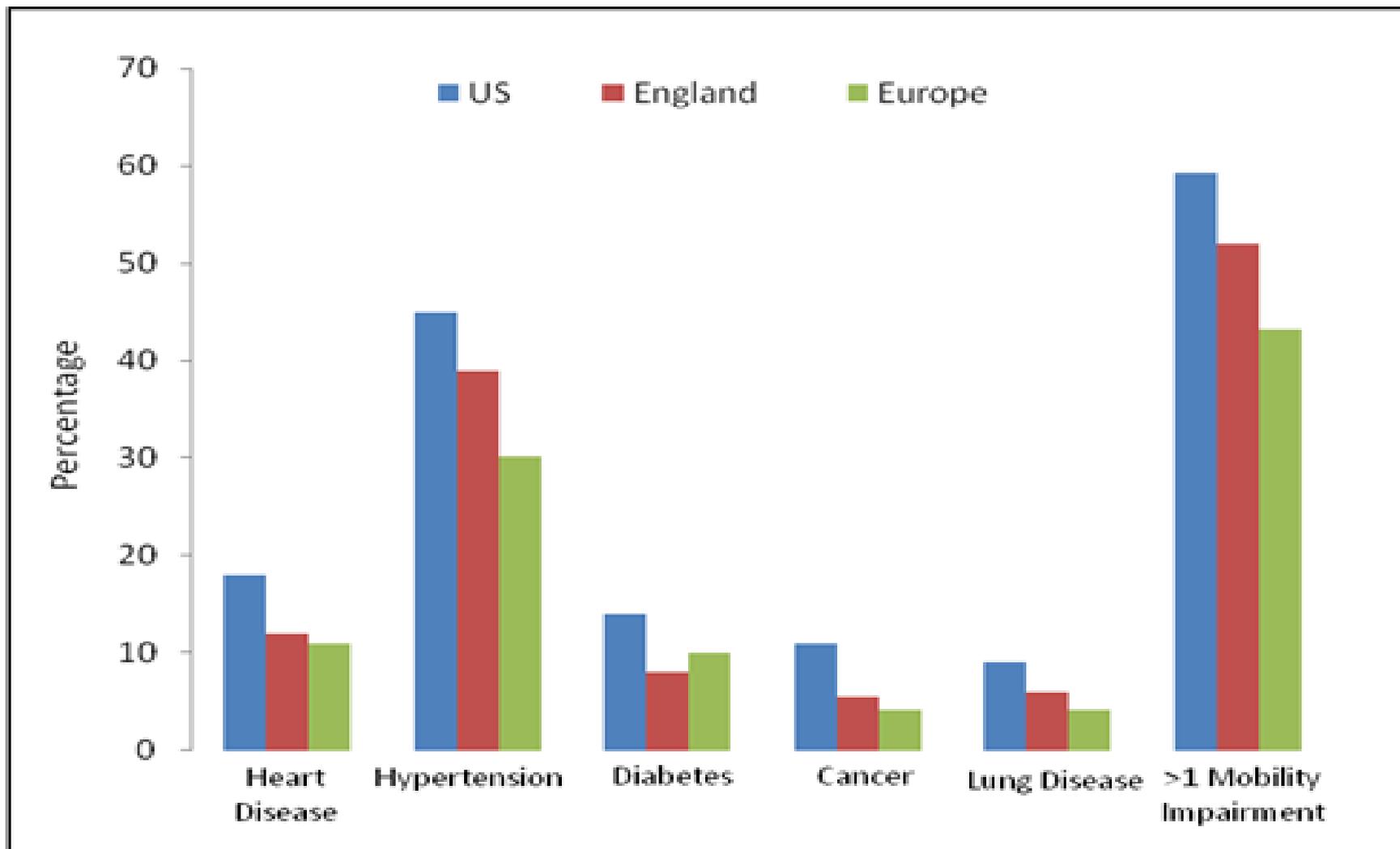
- Roughly \$80m per year
- Range of mechanisms, including P30 center pilots, program projects, and cooperative agreements
- Major topics include
 - Burden of illness (including costs of informal care)
 - Variations in health care intensity
 - Medicare/Medicaid interactions; chronic disease
 - Behavioral economics; applications to health
 - National health accounts
 - Cross-national comparisons



Days in Hospitals During Last Six Months of Life Among Patients Assigned to “Best” Hospitals



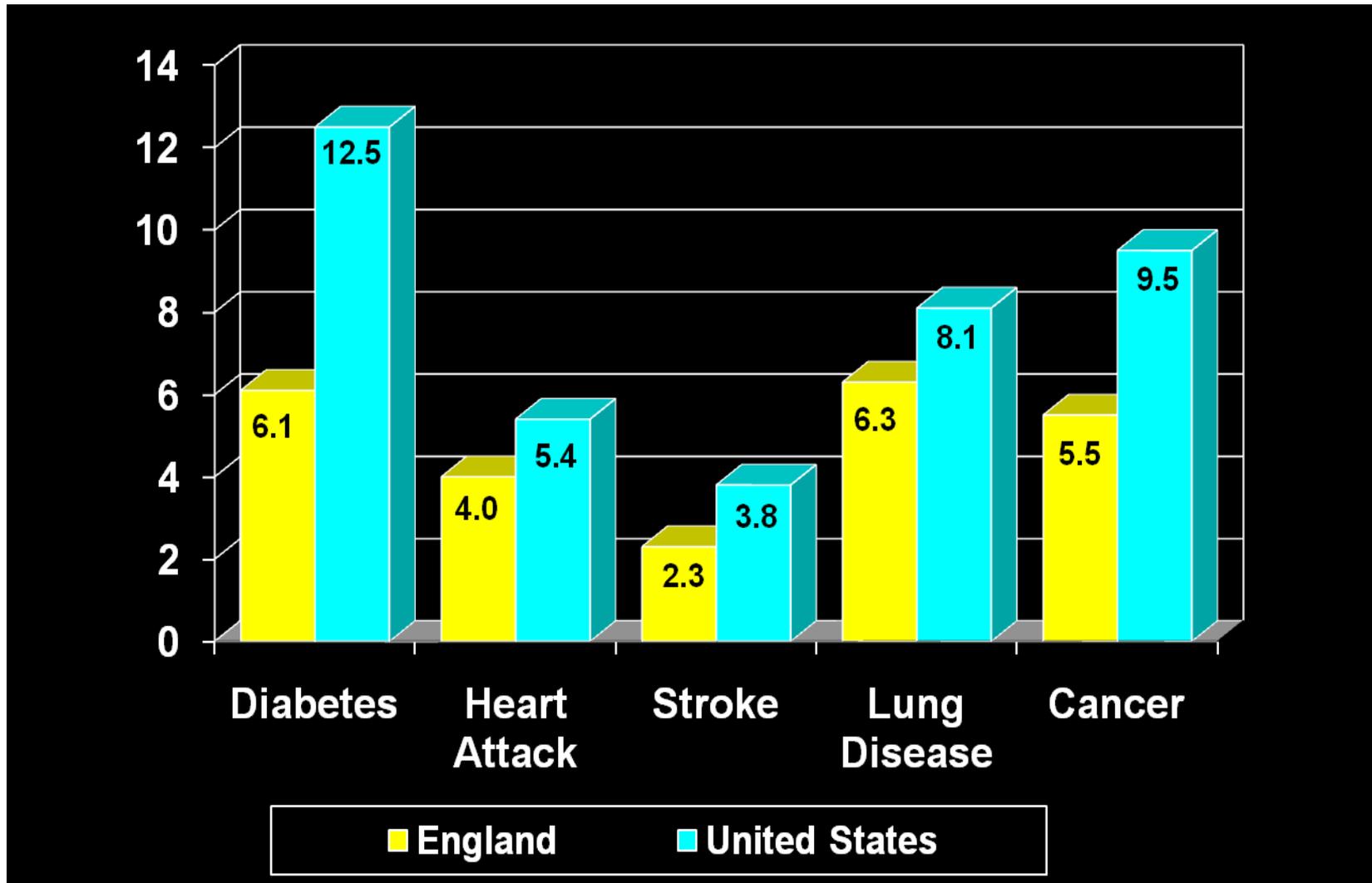
Prevalence of Chronic Disease and Disability among People Aged 50-74 in the US, England, and 10 Other European Nations: 2004



Source: Adapted from Avendano, Glymour, Banks, and Mackenbach, 2009.

Disease Prevalence in England and the US (ages 55-64)

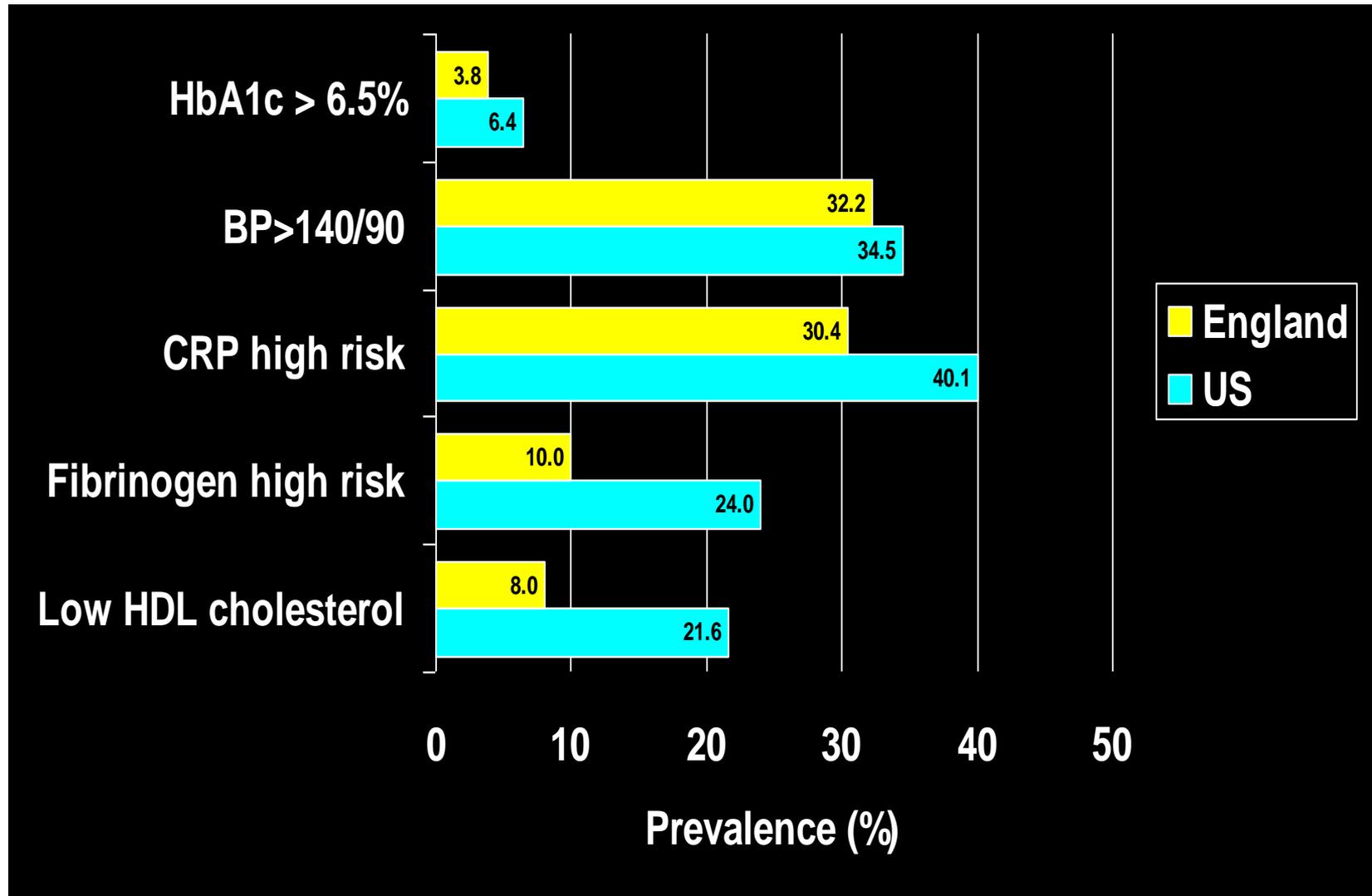
(Self-reported)



Source: Banks, Marmot, Oldfield, and Smith, 2006.

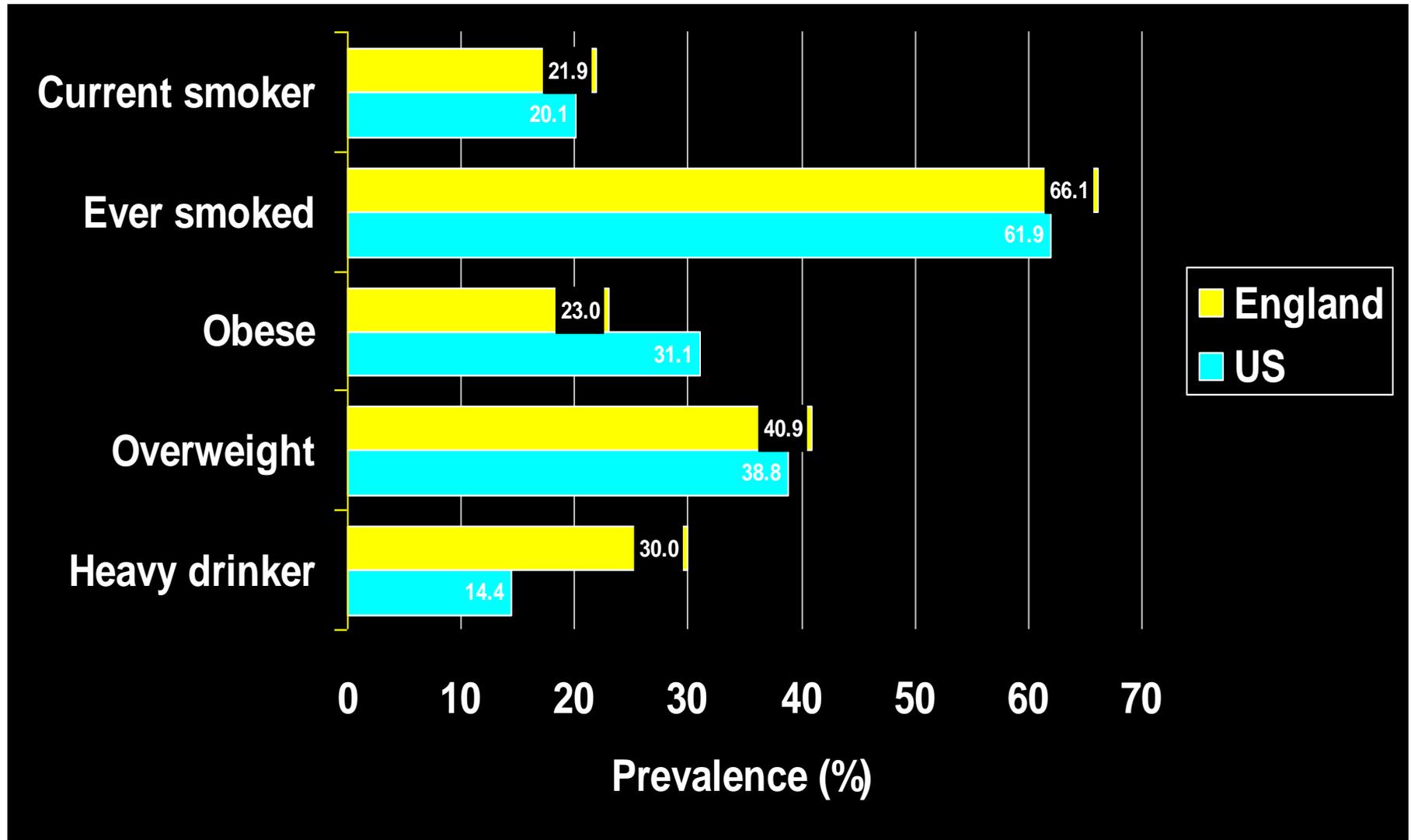
Biological Markers Also Exhibit Large Differences (ages 40-70)

(Health Survey for England; NHANES)



Source: Banks, Marmot, Oldfield, and Smith, 2006.

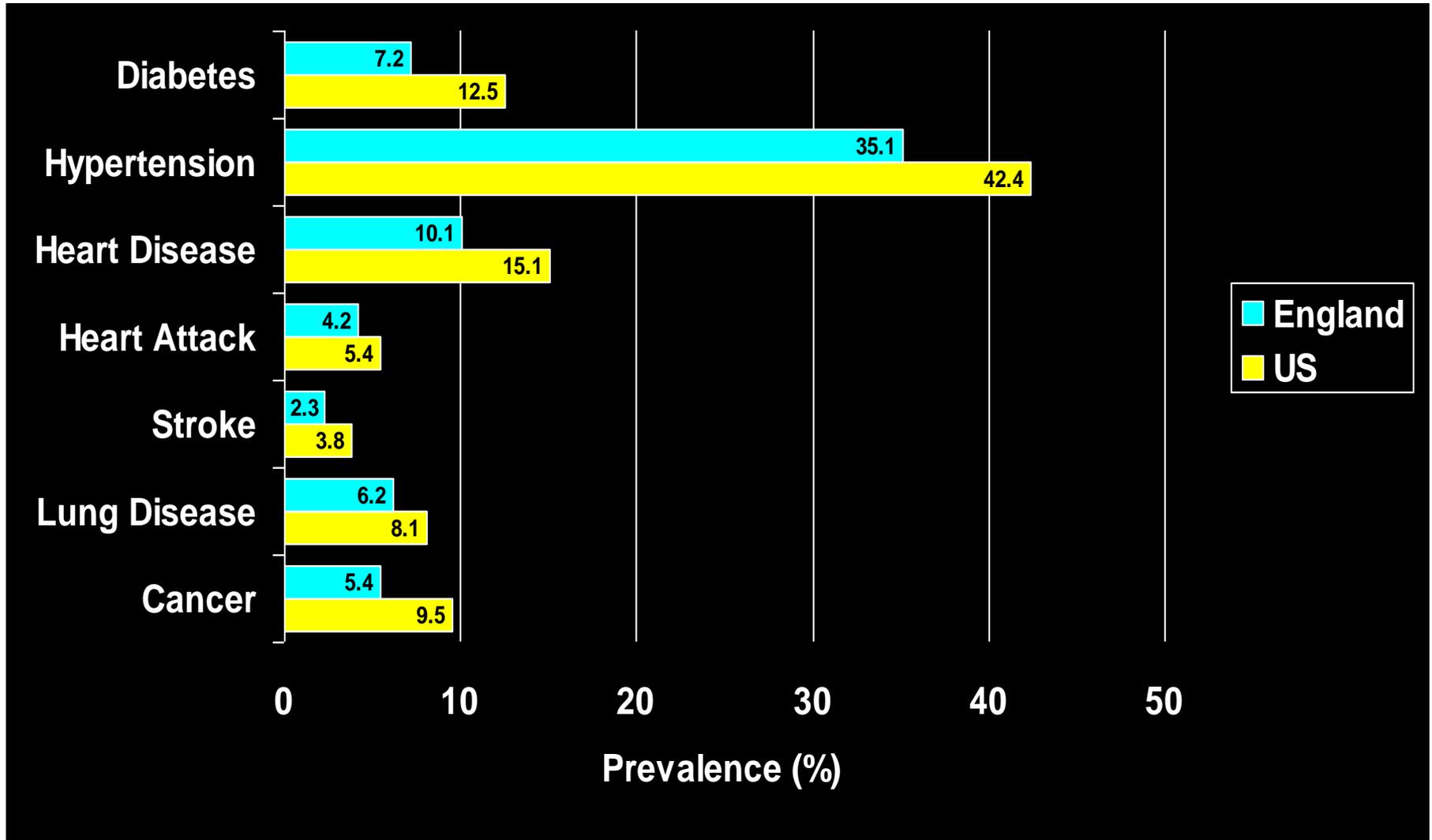
Some Differences in Risk Factors (ages 55-64)



Source: Banks, Marmot, Oldfield, and Smith, 2006.

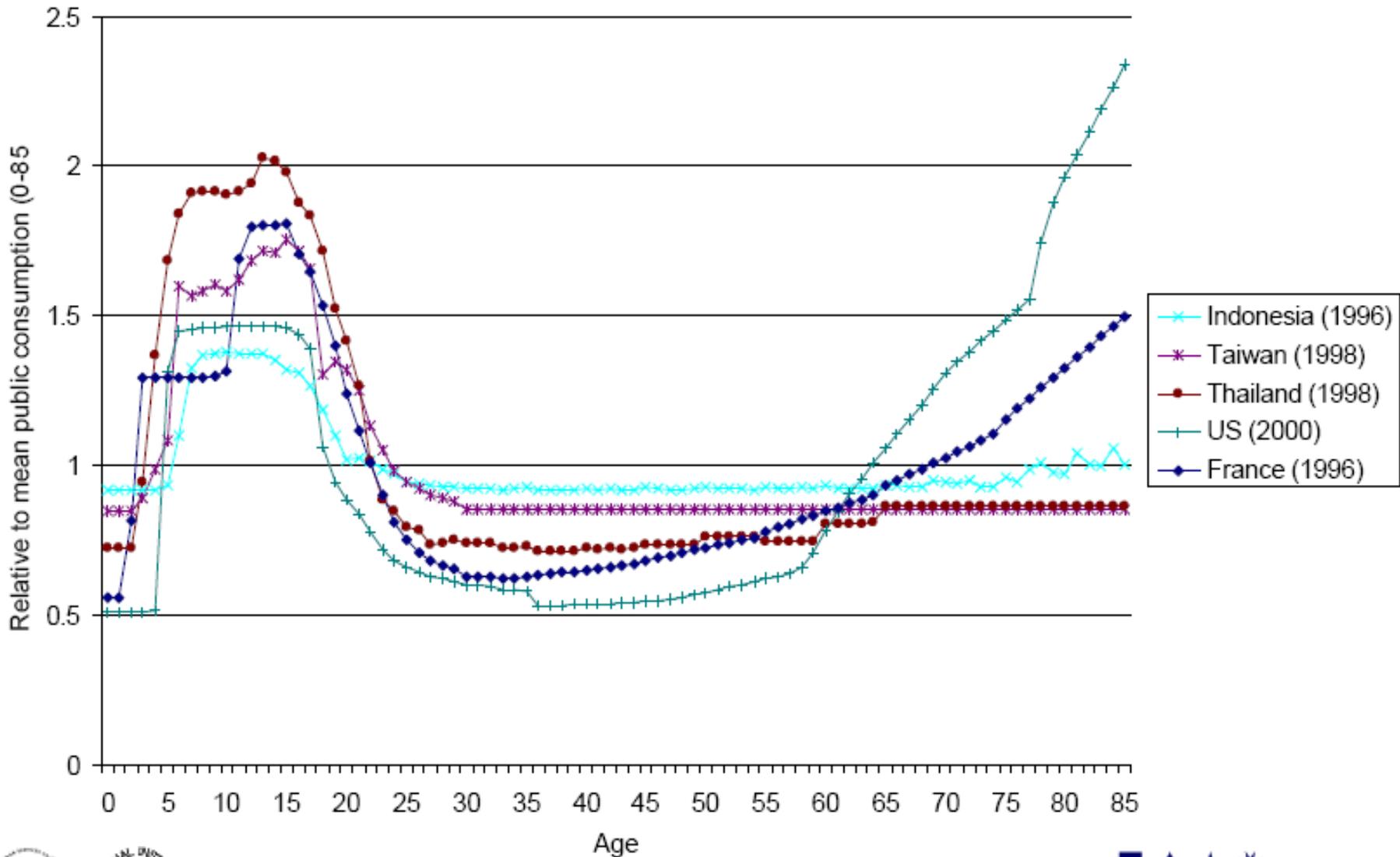
Americans are Sicker than the English

55-64 year olds; controlling for differences in risk factors



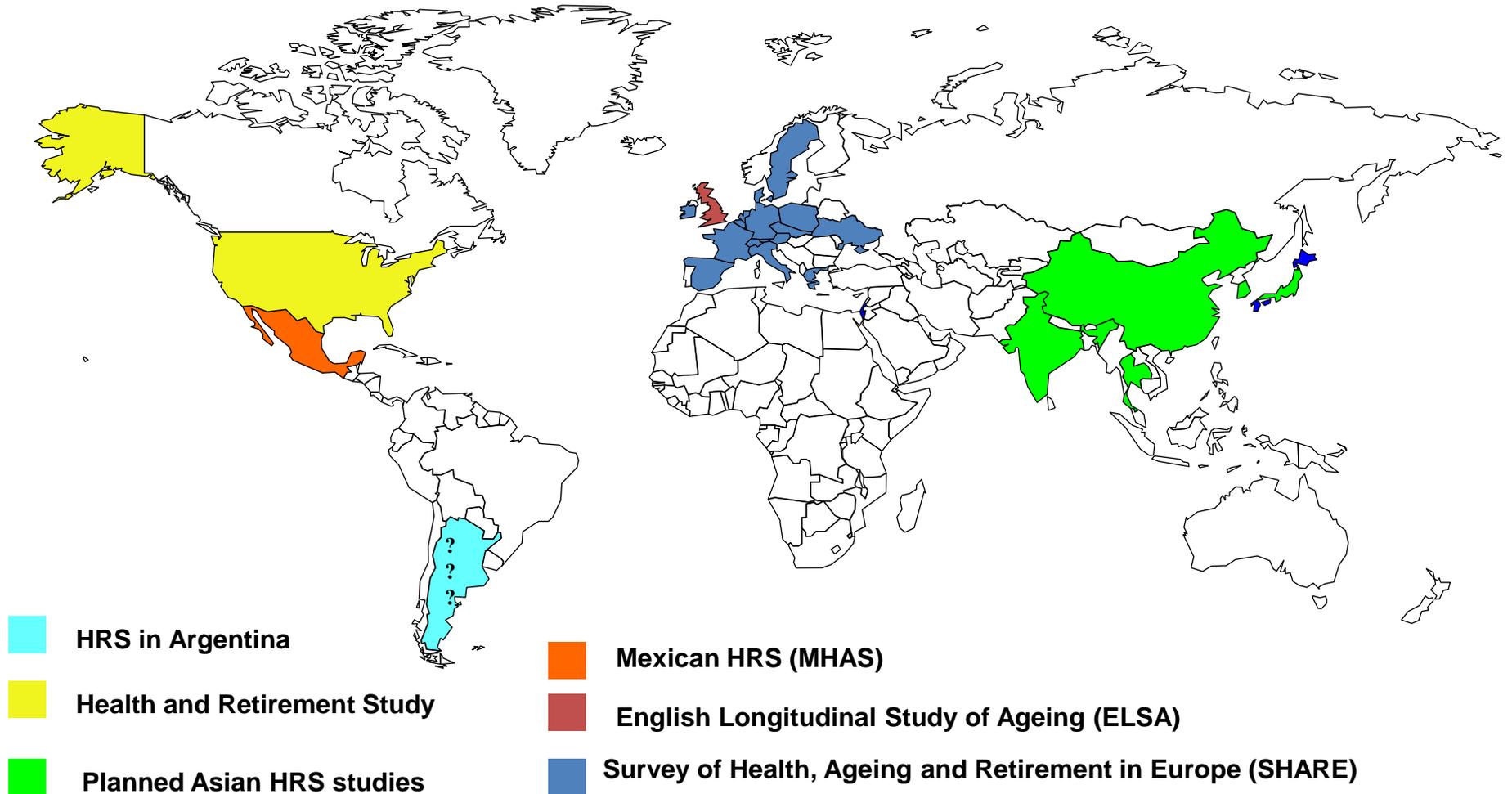
Source: Banks, Marmot, Oldfield, and Smith, 2006.

Age Profiles of Public Spending

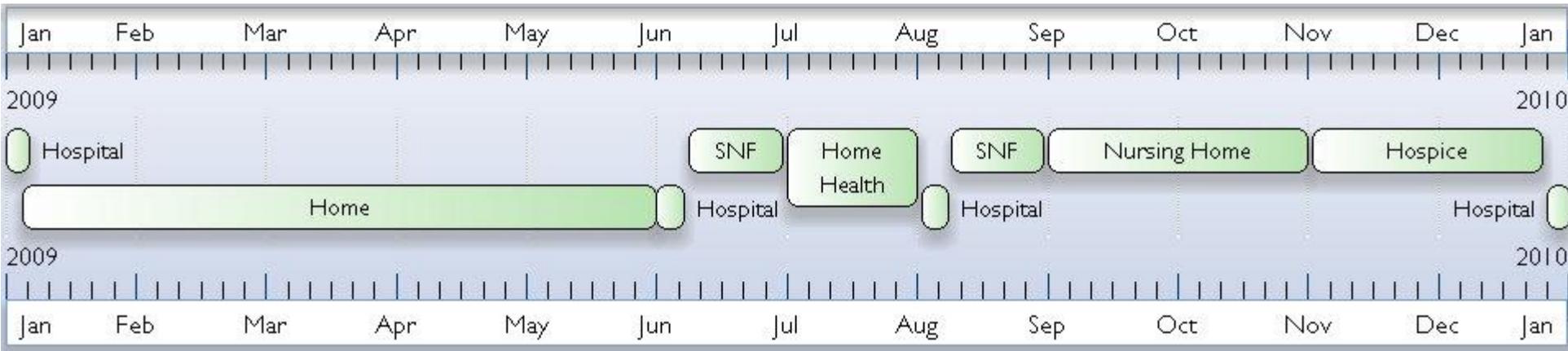


Source: Lee & Mason

HRS-like Studies' Global Coverage



TRAJECTORIES, NOT EPISODES



CLINICAL RESEARCH TASK- What outcomes produced by different trajectories for different types of patients?

SYSTEMS RESEARCH TASK- What determines which patients get onto different trajectories?