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

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Feb 2010
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
<table>
<thead>
<tr>
<th>Hospital</th>
<th>Days</th>
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<tbody>
<tr>
<td>NYU Medical Center</td>
<td>27.1</td>
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<tr>
<td>Mount Sinai Hospital</td>
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<td>NY Presbyterian Hospital</td>
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<tr>
<td>Mass. General Hospital</td>
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<tr>
<td>UCLA Medical Center</td>
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<tr>
<td>Boston Medical Center</td>
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<tr>
<td>Brigham &amp; Women's Hospital</td>
<td>13.9</td>
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<tr>
<td>Beth Israel Deaconess</td>
<td>12.2</td>
</tr>
<tr>
<td>UCSF Medical Center</td>
<td>11.5</td>
</tr>
<tr>
<td>Stanford University Hospital</td>
<td>10.1</td>
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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)

Biological Markers Also Exhibit Large Differences (ages 40-70) (Health Survey for England; NHANES)

Some Differences in Risk Factors (ages 55-64)

Americans are Sicker than the English
55-64 year olds; controlling for differences in risk factors

Age Profiles of Public Spending

Source: Lee & Mason
HRS-like Studies’ Global Coverage

- Health and Retirement Study
- Planned Asian HRS studies
- Mexican HRS (MHAS)
- English Longitudinal Study of Ageing (ELSA)
- Survey of Health, Ageing and Retirement in Europe (SHARE)

National Institute on Aging
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?