### Recent studies of health outcomes for adult Medicaid recipients

Compiled by Health Policy Institute of Ohio April 2013

<table>
<thead>
<tr>
<th>Study</th>
<th>Unit of analysis</th>
<th>Sample Size</th>
<th>Link to Publication</th>
</tr>
</thead>
<tbody>
<tr>
<td>LaPar et al. 2010</td>
<td>Surgical patients</td>
<td>893,658</td>
<td><a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3071622/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3071622/</a></td>
</tr>
</tbody>
</table>

**Link to Publication**
- http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3071622/
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<table>
<thead>
<tr>
<th>Geography</th>
<th>Pittsburg Medical Center</th>
<th>US</th>
<th>Oregon</th>
<th>US</th>
<th>Compared three states with major Medicaid Expansions (Maine, New York and Arizona) to control states:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>• Maine to New Hampshire</td>
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<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>• New York to Pennsylvania, and</td>
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<tr>
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<td></td>
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<td></td>
<td></td>
<td>• Arizona to Nevada and New Mexico</td>
</tr>
</tbody>
</table>

| Groups being compared | • Private Insurance vs. Medicaid/Uninsured (combined) | • Medicaid vs. Private Insurance |
|                       | • Private Insurance vs. Medicaid                          | • Uninsured vs. Private Insurance |
|                       | • Medicare vs. Private Insurance                           | • Medicaid Expansion) vs. Control Group (lost lottery- not enrolled in Medicaid Expansion) |
|                       |                                                           | • Treatment group (won lottery- enrolled in Medicaid Expansion) |
|                       |                                                       | • Medicaid vs. Private insurance/self-pay (combined) |
|                       |                                                       | • Medicare vs. Private insurance/self-pay (combined) |
|                       | Note: Differences in outcomes for Medicaid vs. Uninsured were not analyzed for statistical significance | Note: Study does not assess outcomes for the uninsured. |

| Groups being compared | • Before expansion and after expansion |
|                       | • Medicaid expansion states Vs. Neighboring non-expansion states |
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<table>
<thead>
<tr>
<th>Outcomes measured</th>
<th>Design Type</th>
<th>Retrospective vs. Prospective</th>
<th>Cross-sectional vs. Longitudinal</th>
<th>Data source type</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Mortality</td>
<td>Observational</td>
<td>Retrospective</td>
<td>Longitudinal</td>
<td>Administrative</td>
</tr>
<tr>
<td>• Relapse-free survival</td>
<td>Observational (post-test only non-experiment)</td>
<td>Prospective</td>
<td>Cross-sectional (outcomes observed during hospitalization only)</td>
<td>Administrative</td>
</tr>
<tr>
<td>• Tumor stage</td>
<td>Randomized experiment</td>
<td>Retrospective</td>
<td>Longitudinal</td>
<td>Administrative and survey</td>
</tr>
<tr>
<td>• Lymph node involvement</td>
<td>Observational</td>
<td>Retrospective</td>
<td>Longitudinal</td>
<td>Administrative</td>
</tr>
<tr>
<td>• Mortality</td>
<td>Quasi-experimental, natural experiment (pre-post nonequivalent groups)</td>
<td>Retrospective</td>
<td>Longitudinal</td>
<td>Administrative and survey</td>
</tr>
</tbody>
</table>

### Outcomes measured
- Mortality
- In-hospital mortality
- In-hospital complications
- Hospital length of stay
- Total costs
- Out of pocket medical costs
- Medical debt
- Health care utilization and compliance
- Financial strain
- Access to care
- Quality of care
- Happiness
- Health status (self-reported)
- Mortality
- All-cause county-level mortality (+ internal vs. external causes)
- Secondary
- Insurance coverage
- Delayed care
- Self-reported health status

### Design Type
- Observational
- Observational (post-test only non-experiment)
- Randomized experiment
- Observational
- Quasi-experimental, natural experiment (pre-post nonequivalent groups)

### Retrospective vs. Prospective
- Retrospective
- Retrospective
- Prospective
- Retrospective
- Retrospective

### Cross-sectional vs. Longitudinal
- Longitudinal
- Cross-sectional (outcomes observed during hospitalization only)
- Longitudinal
- Longitudinal
- Longitudinal (5 years before expansion vs. 5 years after)

### Data source type
- Administrative
- Administrative
- Administrative and survey
- Administrative
- Administrative and survey
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| Population/Sample | Administrative data of patients at Pittsburgh Medical Center used for analysis- stratified based on insurance status | Sample: Patients who had surgery for 1 of 8 major surgical operations in Nationwide Independent Sample database (national dataset; stratified random sample of hospital discharges) | Administrative data: Population of randomly assigned treatment and control groups Survey data: Sample of randomly assigned treatment and control groups | Administrative data on lung recipients collected by the United Network for Organ Sharing | Mortality
| Population: Centers for Disease Control and Prevention mortality records (for selected states)
Secondary
Sample: Behavioral Risk Factor Surveillance System national sample |

### Variables controlled for
- Age
- Gender
- Race
- Smoking status
- Alcohol Consumption
- Anatomic tumor site
- Treatment
- Stage at diagnosis
- Occupational prestige score
- Household Income
- Age
- Gender
- Hospital geographic region
- Teaching hospital status
- Type of operation
- Comorbidity

### See also: