Thailand’s national IDs as a foundation for universal health coverage and healthcare delivery

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Thai Civil Registration Systems

- Ministry of Interior started computerized population database and Citizen ID project in 1982
- BORA operates and maintains the data base for the entire population of the country, and issues identity cards and household booklets
Social health protection schemes have covered all Thai citizen since 2002

<table>
<thead>
<tr>
<th>Major Schemes</th>
<th>Civil Servants Medical Benefit Scheme (CSMBS)</th>
<th>Social Security Scheme (SSS)</th>
<th>Universal Coverage (UCS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduced in</td>
<td>1960s</td>
<td>1990s</td>
<td>2002</td>
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<tr>
<td>Target beneficiaries</td>
<td>Government employees &amp; dependents, retirees</td>
<td>Private sector employees</td>
<td>Those not covered by CSMBS nor SSS</td>
</tr>
<tr>
<td>Pop Coverage</td>
<td>7% (5 M)</td>
<td>16% (10 M)</td>
<td>75% (48 M)</td>
</tr>
<tr>
<td>Funding</td>
<td>Government budget</td>
<td>Payroll contribution, Tripartite</td>
<td>Government budget</td>
</tr>
<tr>
<td>Payment to health facilities</td>
<td>Fee-for-service for OP, DRG for IP</td>
<td>Capitation for OP &amp; IP, DRG for Adjusted RW &gt;= 2</td>
<td>Capitation for OP, DRG for IP</td>
</tr>
</tbody>
</table>

From: Health Insurance Systems Research Office, HISRO
Population coverage by health insurance before and after the 2001 UC reform

LIC: Low-Income Card Scheme ➔ Tax-funded, public welfare program *(defunct)*

VHC: Voluntary Health Card Scheme ➔ Subsidized, voluntary, community-based health insurance *(defunct)*

UC: Universal Coverage Scheme ➔ Tax-funded, entitlement scheme for the *rest of all* Thai population

SS: Social Security Scheme ➔ Compulsory, contributory, social health insurance (SHI) for *formal private* employees

CSMB: Civil Servant Medical Benefit Scheme ➔ Tax-funded, fringe benefit for *government* employees/pensioners, dependants

Source: Analysis of Health and Welfare Surveys (HWS, various years)
Contribution of National ID system and IT infrastructure to Thailand UHC implementation

**HIS & HIT context**

1. Computerized Civil Registration & Citizen IDs
2. Providers’ ICT adoption & country’s ICT infrastructure
3. Administrative data standards, coding standards & DRG technology

**Universal Coverage Scheme Implementation**
UHC Scheme Beneficiaries Roster complete in one year

NHSO
National Health Security Office

Diagram I: Beneficiary enrollment System for Universal Coverage
Thai Vital Statistics after 1996

- BORA (Ministry of Interior Central Registry)
  - Electronic files
  - Web entry Birth certificates (Start 2010)
  - Data Sync.

- Ministry of Public Health
  - Compile, code, validate and process statistics
  - Web entry death certificates (start 2006)
  - Report statistics back to provinces

- National Health Security Office (NHSO)
  - Web entry

- Hospitals

- Provincial Health offices

- Printed/ Web Vital statistics report