Measuring Health Equity and Financial Protection

Introduction

This presentation was prepared by Adam Wagstaff, Caryn Bredenkamp and Sarah Bales
Why health equity and financial protection?

• Health equity
  – It’s not just population averages health indicators that matter—gaps between the poor and non-poor matter too

• Financial protection
  – Developing countries continue to raise a large share of revenues through out-of-pocket payments
  – They’re highly uncertain and potentially very large, threatening households’ living standards, especially poor and near-poor ones
Why measurement?

- Measuring health equity and financial protection allows us to:
  - Monitor trends over time
  - Compare countries—benchmarking
  - Evaluate the impacts of reforms
Why ADePT?

• ADePT stands for Automated DEC Poverty Tables. ADePT is a product of the Development Research Group (DECRG).
• ADePT largely automates the production of standardized tables and charts
• User requires only limited knowledge of e.g. Stata and SPSS. Needs only to prepare the dataset. No need to write commands and code to produce the tables and charts. So, more people can do this work!
• ADePT runs without Stata on the user’s computer!
• ADePT minimizes human errors in programming—even skilled Stata users make mistakes!
• ADePT ensures comparability of results across countries/years, in a standardized format – we’re comparing apples with apples
• ADePT frees up resources for data-preparation, interpretation of results, and thinking about policy implications
What ADePT covers

• Inequalities and inequities in health and health care utilization
  – Measurement
  – Explanation
• Benefit incidence
  – Who benefits (most) from government health spending?
• Financial protection
  – Catastrophic spending
  – Impoverishing spending
• Equity in health financing
  – Progressivity
  – Redistributive effect and horizontal equity
<table>
<thead>
<tr>
<th>Module</th>
<th>Topic</th>
<th>Basics: theory and application</th>
<th>Advanced: theory and application</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Inequalities and inequities in health and health care utilization</td>
<td>1a) Concentration curve and concentration index Demo: DHS survey Participant: multiple DHS’s to choose from</td>
<td>1b) Decomposition, standardization, and inequity Demo: WHS Participant: multiple WHS’s to choose from</td>
</tr>
<tr>
<td>2</td>
<td>Benefit incidence</td>
<td>2a) Basic BIA using constant unit subsidy assumption Demo and participant: Vietnam</td>
<td>2b) Benefit incidence using other assumptions Demo and participant: Vietnam</td>
</tr>
<tr>
<td>3</td>
<td>Financial protection</td>
<td>3a) Catastrophic payment incidence, impoverishment (headcount and poverty gap) Demo: WHS survey Participant: multiple WHS’s to choose from</td>
<td>3b) Distribution-sensitive measures of catastrophic payment incidence Demo: WHS Participant: multiple WHS’s to choose from</td>
</tr>
<tr>
<td>4</td>
<td>Equity in health financing</td>
<td>4a) Progressivity Demo and participant: Egypt</td>
<td>4b) Redistributive effect and horizontal equity Demo and participant: Egypt</td>
</tr>
<tr>
<td>5</td>
<td>Data preparation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
But first... A quick introduction to ADePT Health
Software Platform for Automated Economic Analysis
Why ADePT?

User micro-level data: DHS, LSMS, LFS, ...
Why ADePT?

User micro-level data: DHS, LSMS, LFS, ...

Inside ADePT

User interface

Computational kernel (Stata)

Print-ready output
Let’s see ADePT in action!
(1) Load your dataset(s)

(2) Tell ADePT what’s what

(3) Select tables and charts

(4) Choose options, hit “Generate”, and watch
Download ADePT for free

Website:  www.worldbank.org/adept
Related materials

• Guide to methods: Analyzing Health Equity Using Household Survey Data
• ADePT – Health Manual: Health Equity and Financial Protection
• Online video tutorials
• Health Equity and Financial Protection reports (ongoing)
• Health Equity and Financial Protection datasheets (ongoing)
• Book Attacking Inequality in the Health Sector
• Training events