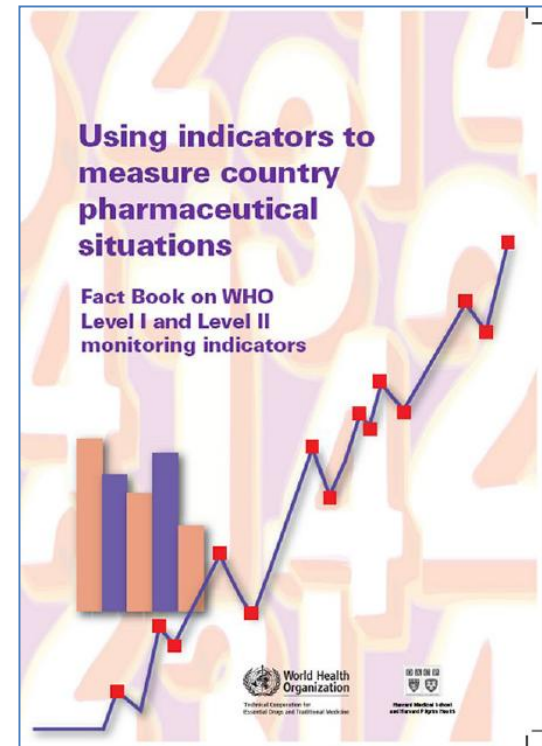
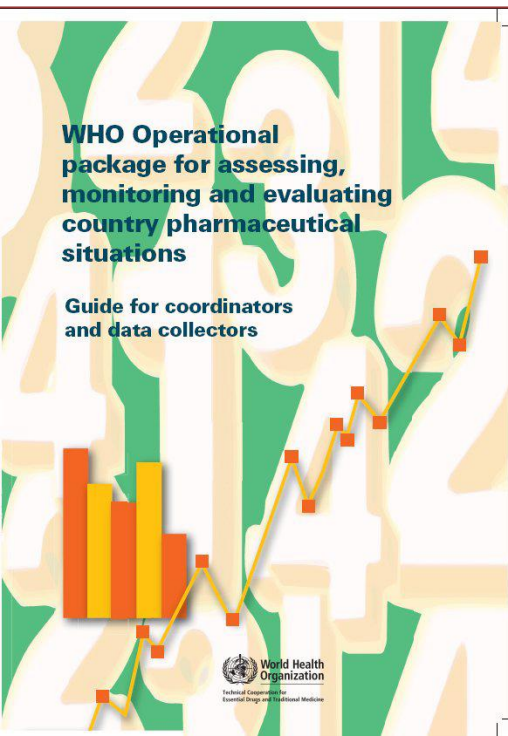


WHO Level II Facility Surveys

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Objectives

- Level I – is there a NMP, EML? Draft? Updated?
- Level II – Outcomes: routine data, records, surveys
- **Access**
 - In public health facilities what % children with diarrhoea treated with ORS?
 - What is the cost of the lowest cost generic amoxicillin?
- **Quality**
 - What % of key medicines are in stock in public warehouses? What % expired?
- **Rational use**
 - What % of prescribed medicines are on the EML?

Methodology

- Public hospitals and health facilities
- Private pharmacies/drug shops
- Public warehouses
- 'Other' facilities
 - Faith-based organisations
 - Non-governmental organisations
 - Military, charity, private hospitals, private pharmacies in public hospitals, etc.
- Cluster sampling around 6 regions and regional public hospitals
 - Region: random selection proportional to population size
 - Public hospital and 5 public facilities; 6 (or 12) private pharmacies
 - Public warehouse

Access

Indicator	Public facilities	Private facilities
Availability of key medicines	✓	✓
% prescribed medicines actually dispensed	✓	✓
Stock-out duration of key medicines	✓	✓
Adequate record keeping of stock record	✓	✓
Affordability of key treatments	✓	✓
Price / cost of key medicines	✓	✓
Geographic accessibility of dispensaries	✓	✓

Quality

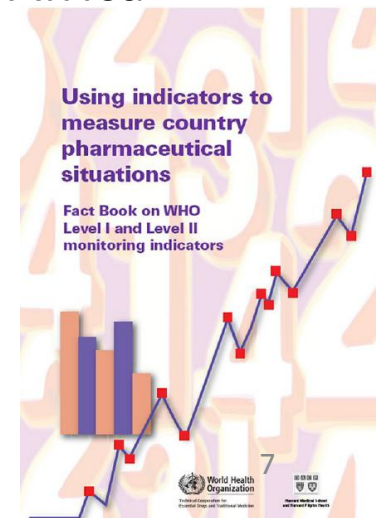
Indicator	Public facilities	Private facilities
% key medicines expired	✓	✓
Adequate storage conditions	✓	✓

Rational Use of Medicines

Indicator	Public facilities	Private facilities
% medicines adequately labelled	✓	✓
% knowledge how to take medicines	✓	✓
Ave. # of medicines / prescription	✓	✓
% antibiotics, injections	✓	✓
% on EML, generic,	✓	✓
Availability of STGs, EML	✓	✗
% cases treated according to STG	✓	✗
% POM bought without prescription	✗	✓

Level II survey in action

- Level II survey has been applied in a number of countries and regions
 - Original format or adapted
 - MeTA baseline surveys
- Barbados, Brazil, Cameroon, Chad, Congo, Gabon, Ghana, Guatemala, Honduras, Jamaica, Jordan, Kenya, Mongolia, Nicaragua, Suriname, Sri Lanka, Syria...
- CEMAC - Economic and Monetary Community of Central Africa
- CARICOM – Caribbean Community
 - Develop common regional pharmaceutical policies
- Surveys have not always resulted in action
 - Policy change / review
 - Monitoring of changes



Jordan – issues 1

- What are appropriate storage conditions in private pharmacies?
- What is required for a label to be adequate?
- What medicines to use as key medicines?
- What is the age of a child?

Jordan – issues 2

- What is a prescription medicine?
 - Some need a prescription on first dispensing only
- MoH data collectors
 - Didn't want to criticise superiors
- Difficulties of facilities with low case loads
 - Number of patients to interview in private pharmacies
 - Number of cases from public health facility records
- Challenges in design, data entry, analysis, reporting

Medicine pricing survey

- WHO/HAI pricing, availability and affordability survey
 - Similar to part of Level II facility survey but more exacting
 - 50 medicines: global, regional, local lists
 - Public procurement prices; Price components
- Challenges matching medicines (n=50) with facility survey (n=15)
 - Wanted comparability with previous pricing survey
 - Specific criteria for medicine selection
- Abbreviated training
 - Price survey usually involves intensive training itself
 - Aided by data collectors being pharmacists
- Own data entry mechanism / detailed reporting

Questions

- Is the balance between standardisation and being country specific correct?
 - What was difficult to adapt to the country situation?
- Do countries have the capacity to implement the Level II facility survey?
 - What were the challenges in implementation and analysis?
- Which parts of the facility survey are most relevant to LMICs for policymakers
 - What other important areas are not being covered?
 - Is there enough detail or do we need to include detailed tools
- How can we translate surveys and reports into action?