Increasing access to and use of data on learning outcomes

March 27, 2018
GOAL 1: Improved reading skills for 100 million children in primary grades by 2015

GOAL 2: Improved ability of tertiary and workforce development programs to generate workforce skills relevant to a country’s development goals

GOAL 3: Increased equitable access to education in crisis and conflict environments for 15 million learners by 2015.

Early Grade Reading Assessment (EGRA)

Individual oral assessment of students’ foundational reading skills
### EGRA Subtasks and Stages of Reading Development

<table>
<thead>
<tr>
<th>Stage</th>
<th>Learner</th>
<th>EGRA Subtasks</th>
</tr>
</thead>
</table>
| 0     | Birth to Grade 1  
*Emergent Literacy* | - Gains control of oral language  
- Relies heavily on pictures in text  
- Pretends to read  
- Recognizes rhyme | ✓ Concepts about print  
✓ Phonemic awareness  
✓ Listening comprehension |
| 1     | Beginning Grade 1  
*Decoding* | - Grows awareness of sound/symbols relationships  
- Focuses on printed symbols  
- Attempts to break code of print  
- Uses decoding to figure out words | ✓ Letter naming  
✓ Letter sounds  
✓ Syllable naming  
✓ Nonsense word reading |
| 2     | End of Grade 1 to End of Grade 3  
*Confirmation and Fluency* | - Uses reading as a tool for learning  
- Reading strategies  
- Expands reading vocabulary  
- Comprehends from a singular point of view | ✓ Paragraph reading (Oral Reading Fluency) with Comprehension  
✓ Dictation |
EGRA Data

- Data on students
- Assessment results by subtask
- Disaggregation by gender
- Disaggregation in some cases by region/district
- Different languages within the same country
- Relationships among subtasks
One Stop for Early Grade Reading Assessment Data

USAID + World Bank

Early Grade Reading Barometer
Actionable Data For A More Literate World

21 Locations

40+ Datasets

http://www.EarlyGradeReadingBarometer.Org
WHY THE BAROMETER?

1. Increase access to information.

2. Increase interest in, awareness, and the free availability of EGRA to improve children’s reading skills.

3. Inform decision-making
Early Grade Reading Barometer
Actionable Data For A More Literate World
5 Ways the Barometer helps with the data-driven dialogue
Save time.

Puts data from more than a dozen locations at your fingertips. No need to track down and dig through lengthy reports.

More coming soon!
Get easy to access information on summary results, by sex for your countries and others in your region and beyond.

Use the **Snapshot** report to get a quick overview of reading scores for boys and girls.

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**JORDAN: 2012, Arabic**

**Reading Snapshot**

The best single measure of a child’s reading proficiency in the elementary grades is oral reading fluency (ORF). ORF has been shown to be a powerful predictor of overall reading competence and comprehension.¹

Children were given a passage of connected text to read aloud in one minute. An assessor kept track of the time and whether or not any mistakes were made. Mistakes were subtracted from the number of words read. The number of words read correctly per minute (CWPM) is the ORF score.

The numbers shown represent the regions of Jordan that participated in the study. See map of study regions.

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<table>
<thead>
<tr>
<th>Grade</th>
<th>Male CWPM</th>
<th>Female CWPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 2</td>
<td>14</td>
<td>17</td>
</tr>
<tr>
<td>Grade 3</td>
<td>19</td>
<td>28</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade</th>
<th>Unable to Read</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 2</td>
<td>25%</td>
</tr>
<tr>
<td>Grade 3</td>
<td>24%</td>
</tr>
</tbody>
</table>

3 Drive the dialogue with data.

Improve your policy planning dialogue with Ministry counterparts.

Use the Relationships report to talk through the relationship between reading fluency and understanding and what that means for classroom instruction.
Be more evidence based.

Inform projections and expectations for project planning.

Use the Benchmarks report to make informed judgments about how much impact it is reasonable to expect (based on what has been achieved in other limited scale interventions).
Be ready with data, anywhere.

No internet access? No problem. Download the Offline Application to your laptop before you go.

Download Offline Application

The Early Grade Reading Barometer is available as an offline application. The offline tool functions just like the the Internet version, but runs on your computer. Just download the version of interest below and double click to run it.

Your connection speed is **163.74 kbps**.

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<tr>
<th>Version</th>
<th>Estimated Download Time</th>
<th>Download</th>
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DEMO
What is the average oral reading fluency for Grade 3 students in Nepal?

What level of oral reading fluency is associated with answering 4 out of 6 comprehension questions correctly?
What does the distribution of oral reading fluency look like for Grade 3 in Nepal?
What is the relationship between reading comprehension and oral reading fluency in English in the Philippines?

How does that relationship change when children are assessed in Filipino?
If Nepal were to set a benchmark for oral reading fluency of 40 CWPM for grade 2 students....

What percentage of grade 2 students would have met that benchmark in 2014?

By what year would we predict that more than 60 percent of grade 2 students would reach that level (best case scenario)?
Which country is the only place in the Barometer that reports that at least one in three students are reaching national level benchmarks for the UN Sustainable Development Goals for reading in grade 3?
What was the intervention-adjusted impact for correct letter sounds in grade 3 in Jordan (2014 data)?

How did this compare to the impact on oral reading fluency for the same grade?
Between 2012 and 2014, the percentage of Jordanian grade 2 children who could correctly identify at least 40 letter sounds per minute increased by how many percentage points?

Were there similar percentage point gains in any other skills? If so, which ones?
WHAT’S NEXT FOR DATA?

IN PROGRESS
• Bangladesh—BRAC
• India

UNDER CONSIDERATION
Room to Read
• Cambodia
• Laos
• Nepal
• India
• Sri Lanka

The World Bank
• East Timor
• Tuvalu,
• Kiribati
• Samoa
• Solomon Islands
QUESTIONS?

Visit the Barometer!

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http://www.EarlyGradeReadingBarometer.org
Designing the Tool

- Easy to use
- Accessible to Non-Technical Audience
- Engaging presentation
- Contextual Information
Development of the Tool

- Open Source Technology
- Non-Internet Version
- Mix-and-Match: Individual databases for each dataset