

# Summary of the 2011 TEGRA Data

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## Introduction:

The Tonga EGRA was carried out at the end of 2009 and the data is gathered from multiple instruments. Steph de Silva did some of the analysis and if you have any questions you can reach me at [desilva.steph@gmail.com](mailto:desilva.steph@gmail.com). This is a run-down of the basics of the data set.

## Details:

The data set is constructed from the survey answers to *three* instruments:

1. The EGRA survey with eight subtests
2. The student contextual interview that accompanied the EGRA interview
3. The teacher context survey that was answered by all teachers in the EGRA sample

## The EGRA Survey

- The EGRA survey comprises the student answers to eight sub-tests given in an interview. However, since some sub-tests contained 100 answers, the information is quite extensive.
- 1203 students were sampled in 60 schools in Grades 1, 2 and 3.
- The following is a table which explains relevant variables and their codes- the STATA data set is all fully labeled, so this information is available in STATA.

Subtest	Variable Name	Description
1	LCPM	Correct Letters Per Minute
2	SCPM	Correct Sounds Per Minute
4	SWCPM	Correct Words Per Minute
5	NWCPM	Correct Non Words Per Minute
6a	CWCPM	Oral Reading Fluency

- This data set was created *before* the consistent EGRA labels were added
- Also note, that many of the other sub-tests do not have the “per minute” variables created and will need to be created by the following formula:
- $\text{Correct Items Per Minute} = (\text{Total items read} - \text{Total items incorrect}) / [(60 - \text{Time remaining on stopwatch}) / 60]$  (RTI, 2009)

## The Student Contextual Interview

- This was completed at the same time as the EGRA survey
- All labels are fully complete in STATA
- The student questions have a prefix in the stata variable name of “s9\_” and numbers.
- There were 29 questions and associated parts.

### Teacher Contextual Survey

- This was completed at the same time as the EGRA survey by all teachers in Grades 1, 2 and 3 in EGRA schools
- Labels are fully complete in stata
- The teacher survey questions are prefixed with “ts” and a number.
- There were 51 teacher questions and associated parts.