

# Definitions and Dashboards at Room to Read: Data Quality in an International Education Organization

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# Where We Work

Nepal  
2000

Vietnam  
2001

Cambodia  
2002

India  
2003

Laos  
2005



Sri Lanka  
2005

South Africa  
2006

Zambia  
2007

Bangladesh  
2008

Tanzania  
2011

## Cumulative Results, 2011:

School Libraries: 12,522

Schools Constructed: 1,450

Girls on Scholarship: 13,667

Local Language Titles: 591

Local Language Books: 6.0 M

Total Students Benefiting: 6.0 M

Performance measures that show progress toward program objectives:

- Collected for all programs in all countries
- Collected for all active projects
- 13 collected quarterly; 25 collected annually

Examples:

- Number of schools constructed
- Number of local language books published
- Number of books checked out
- Number of girls who advance to the next grade

## Getting definitions right:

- “Telephone” line from HQ to Country M&E Managers to Program Officers to field-level data collectors

## Internal and external use:

- Improve current program performance and future program planning
- Describe trends and implications of changes in programs over time
- Demonstrate results
- Provide context for numbers beyond our projects

Our project database is important for three key stages of the global indicator process:

- Data entry
- Data quality checking
- Data analysis

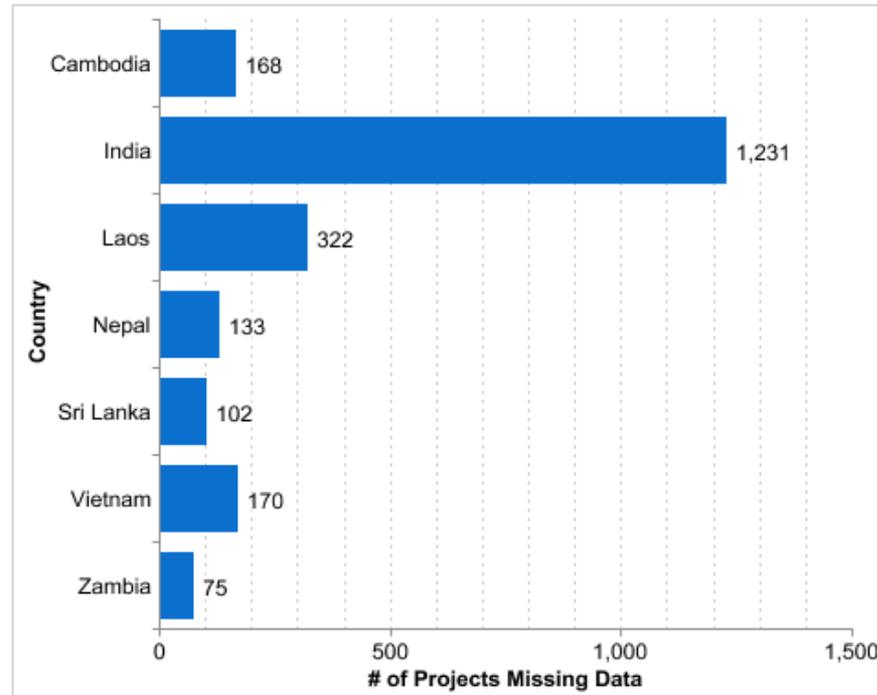
Dashboards are used for all three stages

Dashboard characteristics:

- Graphic
- Country-specific
- Allow drill-down

# Dashboards: Data Quality

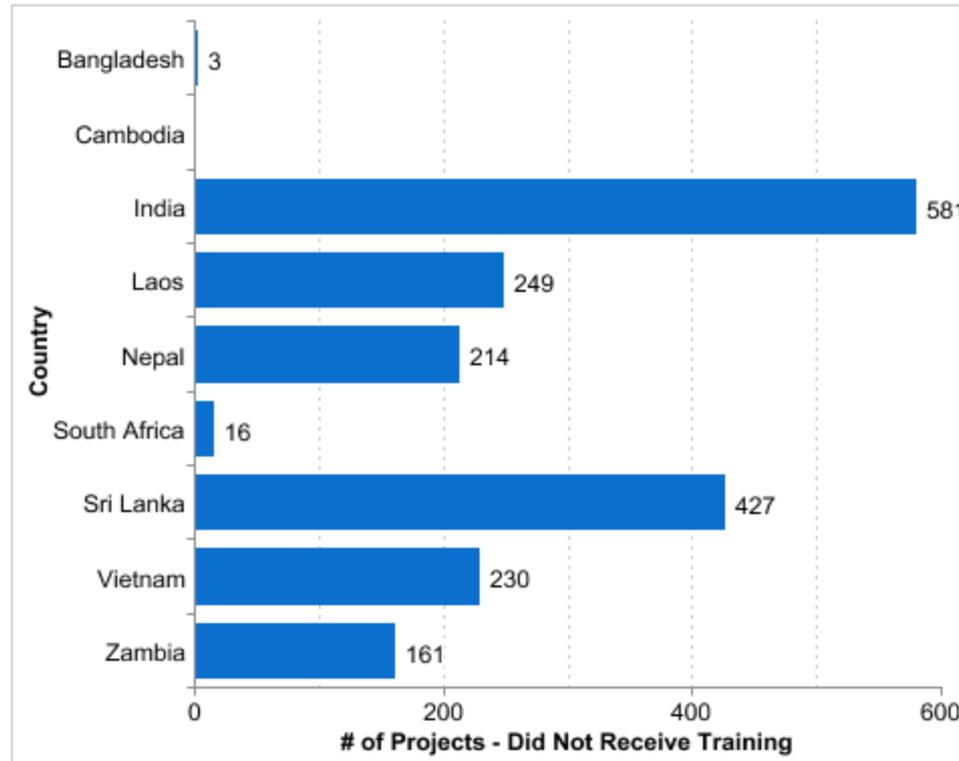
## Missing Library System Data



*How many 2009, 2010, and 2011 (established by 1 Oct 2011) RR/CRR projects are missing data in the Book classification system in place? (11) or Reading level system in place? (11) fields?*

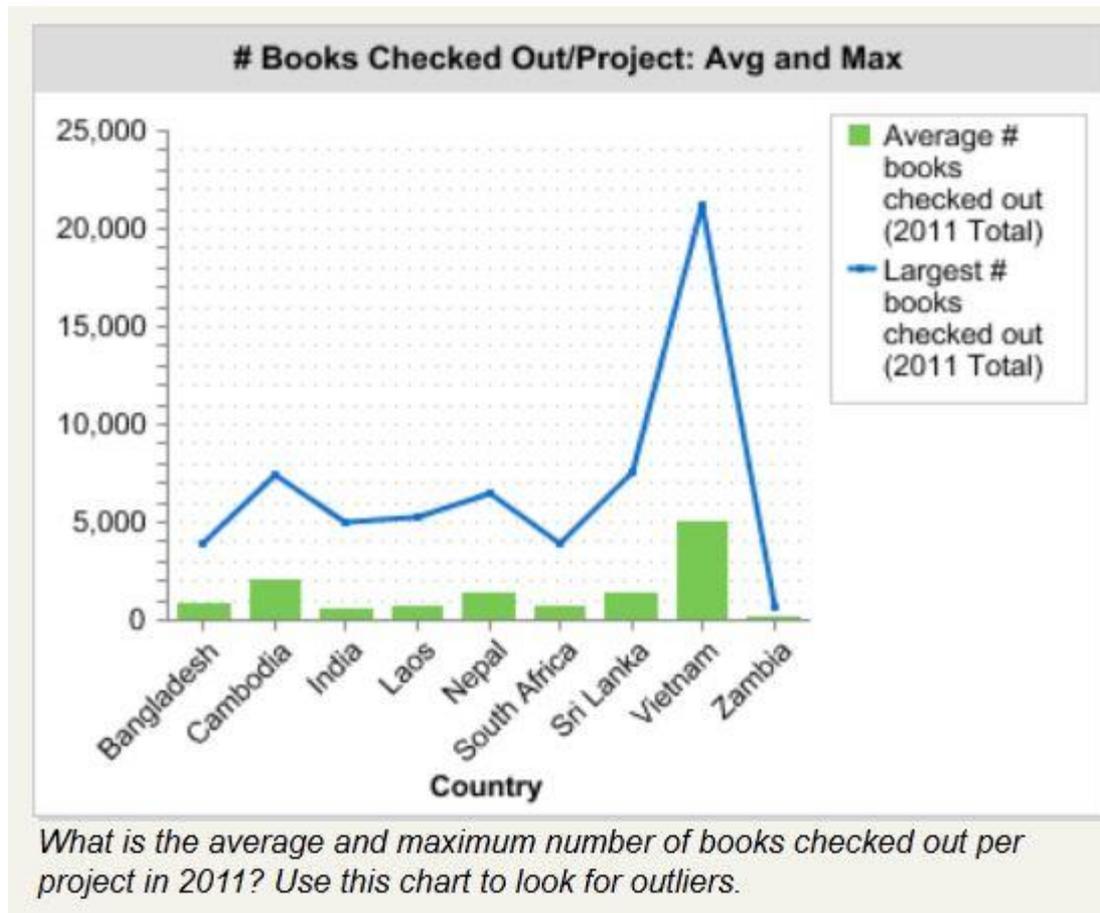
# Dashboards: Program Quality

## Did Not Receive Training



*How many 2009, 2010, and 2011 RR/CRR projects did not receive training from 1 Jan 2011 - 15 Feb 2012?*

# Dashboards: Looking for Outliers



# Lessons Learned and Challenges



## Dashboard Lessons:

- Dashboards streamline data quality checking
- Links to underlying reports help build database capacity at field level
- Dashboards help push ownership, responsibility, and accountability down

## Dashboard Challenges:

- Consistently closing the loop on program improvement

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