

# Nepal - National Assessment of Student Achievement - Grade 3 and Grade 5

**Education Review Office - Government**

Report generated on: Apr 02, 2015

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# Overview

## Identification

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## Summary

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### ABSTRACT

The National Assessment of Student Achievement (NASA) was administered in 2012 by the Education Review Office to grade 3 and grade 5 (ISCED 1) students in public and private schools. The next administration is planned in 2015.

The NASA is a low-stake assessment. It is a written assessment, administered face-to-face and delivered through paper-pencil tests. Test-takers are presented with one of three cognitive booklets, which are aligned with the national curriculum.

The National Assessment of Student Achievement, administered to grade 3 and grade 5 students, serves the following purposes:

- designing individualised instructional plans
- supporting teachers (training, relevant materials, etc.)
- school or educator accountability
- promoting competition among schools
- sub-national level monitoring of learning outcomes
- monitoring education quality levels
- planning education policy reforms

### KIND OF DATA

Random sample

### UNITS OF ANALYSIS

Results are available at the school, sub-national and national level. Data are disaggregated by sex, geographic location (urban and rural), major cities, types of schools and ethnicity.

Results are published in reports, which are available in print and online. Results are published in the media.

## Scope

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### NOTES

The National Assessment of Student Achievement, administered in grade 3 and grade 5, assesses students in Mathematics and Nepali language.

Description of test items: Test items consist of multiple choice questions with three or more response options and open-ended questions requiring short constructed responses.

Description of stimuli: Test stimuli consist of mixed texts.

Reporting metrics: Student performance is reported by average score for each subject. For each subject, scores are also reported by content domain.

## Coverage

### GEOGRAPHIC COVERAGE

National

### UNIVERSE

Students enrolled in grade 3 and grade 5 (ISCED 1) in public and private schools.

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Education Review Office	Government

### OTHER PRODUCER(S)

Name	Affiliation	Role
Education Review Office	Govenment	Test development and administration; data processing and dissemination; programme development
Minstry of Education	Government	Test development and administration; data processing and dissemination; programme development; financial support through ministerial budget
National University		Test development and administration; data processing and dissemination; programme development
Teachers unions		Test development; data dissemination; programme development
Parents associations		Data dissemination

## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Education Review Office	ERO	Gouvernement	Data collection
UNESCO Institute for Statistics	UIS	United Nations	Design the questionnaire for the metadata collection, review and publication in the UIS catalogue, available online

### DATE OF METADATA PRODUCTION

2014

### DDI DOCUMENT ID

NPL-NASA-Grades-3-5-2012

## Sampling

### Sampling Procedure

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The sample is drawn using a proportional stratified random sampling strategy. The country is divided into 16 strata based on geographical location, school location and school type. In the first stage, 25 districts out of 75 are randomly selected. In the second stage, schools are randomly sampled in the selected districts, the number of sampled schools being proportional to the number of schools in each stratum. Students in all grade 3 and grade 5 classrooms are selected using simple random sampling.

# Questionnaires

## Overview

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The National Assessment of Student Achievement, administered to grade 3 and grade 5 students, comprises three background questionnaires:

- student questionnaire (45 minutes)
- teacher questionnaire (no standard completion duration)
- school principal questionnaire (no standard completion duration)

## Data Collection

### Data Collection Dates

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Start	End	Cycle
2012	2012	N/A

### Data Collection Mode

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Face-to-face [f2f]

### Data Collection Notes

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The following actions were taken to reduce non-sampling error:

- Conducted a pilot survey
- Trained data collection staff
- Trained data processing staff

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## Data Processing

### **Data Editing**

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Test booklets are scored and verified manually and through automatic controls. The data editing process is performed at headquarters.

### **Other Processing**

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Data entry is performed manually. The data capture operations are performed at headquarters.

## Data Access

### Access Authority

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Education Review Office (Government), [www.ero.gov.np](http://www.ero.gov.np)

### Contact(s)

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Shyam Prasad Acharya (Education Review Office) , [analysis.shyam@gmail.com](mailto:analysis.shyam@gmail.com)

### Access Conditions

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To access the data please send a request to the Education Review Office, Sanothimi, Bhaktapur, Kathmandu, Nepal, [eronasa@gmail.com](mailto:eronasa@gmail.com), Tel: 9841407565, Fax: 01-6639556.