Overview

Identification

Summary

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 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

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)

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
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OTHER PRODUCER(S)

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<tr>
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<td>Test development and administration; data processing and dissemination; programme development</td>
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<td>Teachers unions</td>
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<td>Parents associations</td>
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Metadata Production

METADATA PRODUCED BY

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<td>Education Review Office</td>
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<td>UNESCO Institute for Statistics</td>
<td>UIS</td>
<td>United Nations</td>
<td>Design the questionnaire for the metadata collection, review and publication in the UIS catalogue, available online</td>
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DATE OF METADATA PRODUCTION
2014

DDI DOCUMENT ID
NPL-NASA-Grades-3-5-2012
Sampling

**Sampling Procedure**

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

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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Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

The following actions were taken to reduce non-sampling error:
- Conducted a pilot survey
- Trained data collection staff
- Trained data processing staff

Questionnaires

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 Processing

Data Editing

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

Other Processing

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

Access Authority

Education Review Office (Government), www.ero.gov.np

Contact(s)

Shyam Prasad Acharya (Education Review Office), analysis.shyam@gmail.com

Access Conditions

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