

Nepal - National Assessment of Student Achievement - Grade 8

Education Review Office - Government

Report generated on: Apr 02, 2015

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Overview

Identification

Version

PRODUCTION DATE

2014

Summary

ABSTRACT

The National Assessment of Student Achievement (NASA) has been administered every two years since 2011 by the Education Review Office to grade 8 (ISCED 2) students in general education programmes in public and private schools.

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 8 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 8, assesses students in Mathematics, the Nepali language, and Social Studies.

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 construct; the constructs for all subjects are knowledge, comprehension, application and problem solving.

Scores are also broken down by content domain.

Content domains for Mathematics: algebra, arithmetic, geometry, sets and statistics.

Content domains for the Nepali language: grammar, reading, writing and vocabulary.

Content domains for Social Studies: civics, economics, geography, history and politics.

Coverage

GEOGRAPHIC COVERAGE

National

UNIVERSE

Students enrolled in grade 8 (ISCED 2) in general education programmes 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	Government	Test development and administration; data processing and dissemination; programme development
Ministry 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-Grade8-2011

Sampling

Sampling Procedure

The sample was drawn using a proportional stratified random sampling strategy. The country was divided into 16 strata based on geographical location, school location and school type. In the first stage, 25 districts out of 75 were randomly selected. In the second stage, schools were 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 8 classrooms within selected schools were assessed.

Questionnaires

Overview

The National Assessment of Student Achievement, administered to grade 8 students, comprises three background questionnaires:

- student questionnaire (30 minutes)
- teacher questionnaire (no standard completion duration)
- school principal questionnaire (no standard completion duration)

Data Collection

Data Collection Dates

Start	End	Cycle
2011-12	2012-02	Every 2 years

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

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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.