

# Bhutan - National Education Assessment, Gyalyong Sherig Tagzhib

**Assessment and Monitoring Division - Bhutan Council For School Examinations and  
Assessment - Government**

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# Overview

## Identification

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### Summary

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#### ABSTRACT

The National Education Assessment (NEA) is administered by the Assessment and Monitoring Division, Bhutan Council For School Examinations and Assessment (BCSEA) to grade 6 (ISCED 1) and grade 10 (ISCED 2) students in general education programmes in public and private schools.

The NEA was administered to grade 6 students in 2003, 2005 and 2011. In 2011, the NEA used the same instruments as 2003 to allow comparison of the benchmark achieved in 2003 against that of 2011. The student population was thus different but the instruments used were common.

The NEA was administered to grade 10 students in 2007, 2013 and 2015.

The NEA is a low-stake assessment. The NEA is a written examination, administered face-to-face and delivered through paper-pencil tests. All test-takers are presented with cognitive booklets or tests, which are based on different learning objectives and aligned with the national curriculum.

The NEA serves the following purposes:

- supporting teachers (training, relevant materials, etc.)
- school or educator accountability
- sub-national level monitoring of learning outcomes
- monitoring education quality levels
- planning education policy reforms
- monitoring the impact of a particular educational program

#### KIND OF DATA

Random sample

#### UNITS OF ANALYSIS

Results are reported at the school, local and national levels. Data are disaggregated by sex, geographic location (urban and rural) and type of schools (public and private).

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

## Scope

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#### NOTES

In 2003 and 2011, the National Education Assessment (NEA) administered to grade 6 students comprised of two mandatory subjects. Administered in English, these subjects and the duration of each test are listed below:

- English language, 90 minutes
- Mathematics, 90 minutes

In 2005, the mandatory subject administered to grade 6 students was Dzongkha language.

In 2007 and 2013, the National Education Assessment (NEA) administered to grade 10 students comprised of the same subjects: English language and Mathematics. In 2015, the mandatory subject administered to grade 6 students will be Dzongkha language.

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

Description of stimuli: Test stimuli consist of continuous, non-continuous, mixed and multiple texts.

Reporting metrics: Student performance is reported by the percentage of correct items or questions answered. The minimum requirement to meet the national standard is a score of 35%.

## Coverage

### GEOGRAPHIC COVERAGE

National

### UNIVERSE

Students enrolled in grade 6 (ISCED 1) and grade 10 (ISCED 2) in general education programmes in public and private schools.

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Assessment and Monitoring Division - Bhutan Council For School Examinations and Assessment	Government

### OTHER PRODUCER(S)

Name	Affiliation	Role
Ministry of Education	Government	Test development and administration; data dissemination; programme development
Bhutan Council for School Examinations and Assessment	Government	Test development and administration; data dissemination; programme development

## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Bhutan Council For School Examinations and Assessment	BCSEA	Government	Data collection
UNESCO Institute for Statistics	UIS	United Nations	Questionnaire design, metadata collection, review and publication

### DATE OF METADATA PRODUCTION

2015

### DDI DOCUMENT ID

BTN-NEA-2013

# Sampling

## **Sampling Procedure**

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In 2011, the sampling frame for grade 6 students used statistics from 2010. The sample considered school location (urban, semi-urban, semi-remote and remote) and gender. The final sample consisted of 92 schools selected across the country, for a total of 4157 students.

The sample was drawn using simple random sampling at each stage: administrative unit at first stage, schools at second stage, classrooms at third stage, and students at fourth stage.

# Questionnaires

## Overview

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The National Education Assessment comprises two background questionnaires:

- student questionnaire (30 minutes)
- teacher questionnaire (30 minutes)

## Data Collection

### Data Collection Dates

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<b>Start</b>	<b>End</b>	<b>Cycle</b>
2015	2015	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

### Questionnaires

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The National Education Assessment comprises two background questionnaires:

- student questionnaire (30 minutes)
- teacher questionnaire (30 minutes)

## Data Access

### Contact(s)

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Arjun Kumar Gurung (Bhutan Council For School Examinations and Assessment )

### Access Conditions

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To access the data, please send a request to the Assessment and Monitoring Division, Bhutan Council for School Examinations and Assessment; [www.bcsea.bt](http://www.bcsea.bt)