

Some Educational Statistics- **BANBEIS**

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Geography Location

Location: Bangladesh lies in the north eastern part of South Asia Between $20^{\circ}34'$ and $26^{\circ}38'$ north latitude, $88^{\circ}01'$ and $92^{\circ}41'$ east longitude. The country is bounded by India on the west, north and northeast while Myanmar on the south-east and the Bay of Bengal on the south. The area of the country is 56,977 sq. miles or 1,47,570 sq. k.m.

Bangladesh

(Socio-Economic Condition)

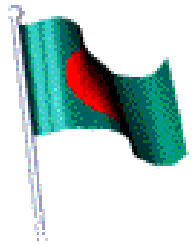
People's Republic of Bangladesh has emerged as an independent state in 16th December 1971 through historical language movement in 1952, the **6 Point Movement** was a Bengali nationalist movement in East Pakistan spearheaded by Sheikh Mujibur Rahman, which eventually led to the liberation of Bangladesh.

- Population : 162.7 million (2017)
- Population growth rate : 1.37% (2011).
- Population Density/sq. Kilometre: 1103 (2017)

Bangladesh

(Socio-Economic Condition)

- Life expectancy: 72.0 years (Male 70.6 Female 73.5)
- GDP Growth Rate: 7.65 (P) (F.Y-2017-2018p)
- Per capita income : US\$ 1752 (2017-18)
- Infant Mort. Rate/(1000 Live Birth Below 1 Yr) : 24 (2017)
- Literacy Rate : 72.3% (7+ Yrs) (2017)
- Improved drinking Water Coverage: 98%
- Export earning - \$37.97 Billion(2016-2017)



National Statistical Organization (NSO)



BANGLADESH BUREAU OF STATISTICS (BBS)
HEAD OFFICE



Educational Institutions-2017

Type of Education	Public	Private	Total
Primary Education	63982	69919	133901
Secondary Education	987	19480	20467
College Education	328	4091	4419
Madrasah Education	3	9300	9303
Professional Education	144	733	877
Teacher Education	84	132	216
Technical-vocational	288	5609	5897
University	40	95	135
National	65856	109359	175215

Students - 2017

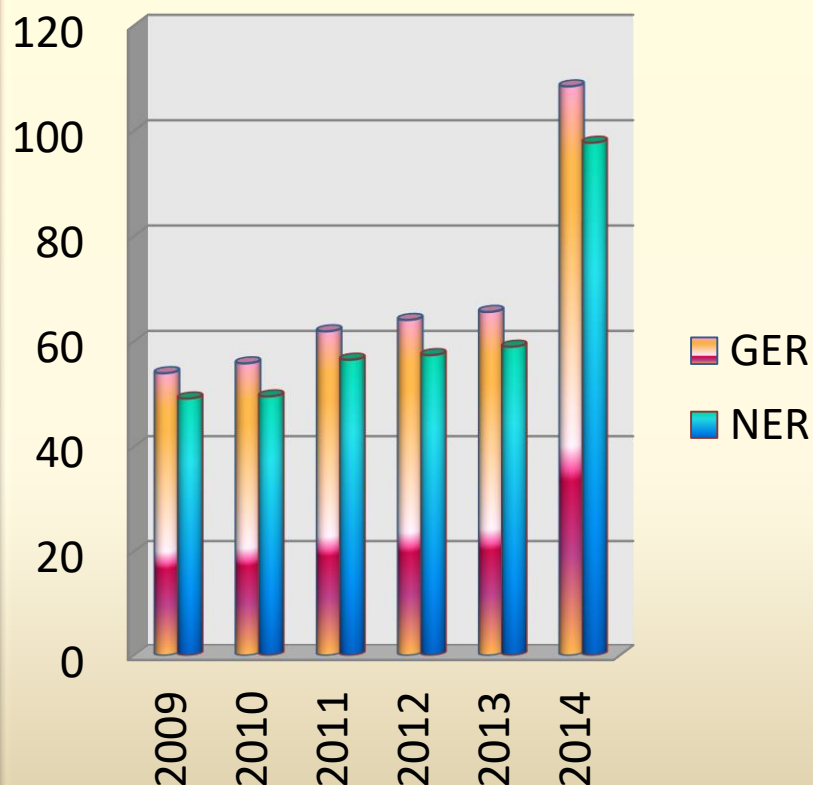
Type of Education	Total	Female	% of Female
Primary Education	17251350	8743312	50.68
Secondary Education	10330695	5580387	54.02
College Education	3872960	1873619	48.00
Madrasah Education	2453364	1350549	55.05
Professional Education	168469	76711	45.53
Teacher Education	35071	14242	40.61
Technical-vocational	891964	216376	24.26
University	856726	279056	32.57
National	35860599	18134252	50.57

Teachers - 2017

Type of Education	Total	Female	% of Female
Primary Education	623964	386296	61.91
Secondary Education	243880	62511	25.63
College Education	120934	28498	23.56
Madrasah Education	113761	14912	13.11
Professional Education	10816	2624	24.26
Teacher Education	2700	670	24.81
Technical-vocational	34716	7092	20.43
University	28568	7432	26.02
National	1179339	510035	43.25

Progress in Primary Education (KPI)

Gross & Net Enrolment Rate



Year	GER	NER
2009	103.5	93.9
2010	107.7	94.8
2011	101.5	94.9
2012	104.4	96.7
2013	108.6	97.3
2014	108.4	97.7

Key Performance Indicators (KPIs)

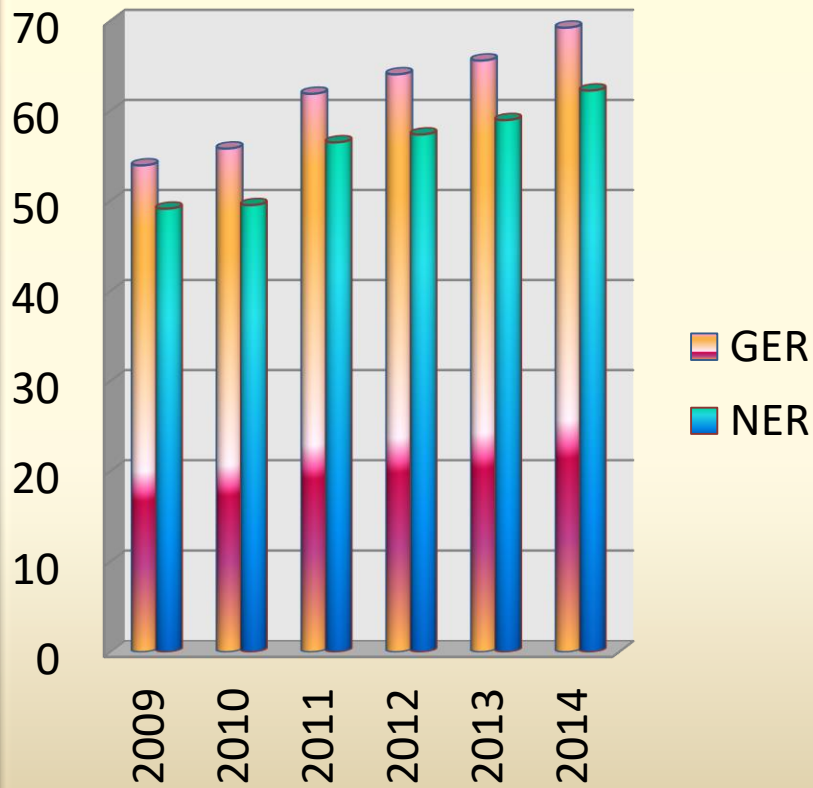
Participation Indicators by levels

Year wise Gross and Net Enrolment Rate in Primary Education 2005-2017

Year	GER (%)			NER (%)		
	Boys	Girls	Total	Boys	Girls	Total
2005	91.2	96.2	93.7	84.6	90.1	87.2
2006	92.9	103	97.7	87.6	94.5	90.9
2007	93.4	104.6	98.8	87.8	94.7	91.1
2008	92.8	102.9	97.6	87.9	90.4	90.8
2009	100.1	107.1	103.5	89.1	99.1	93.9
2010	103.2	112.4	107.7	92.2	97.6	94.8
2011	97.5	105.6	101.5	92.7	97.3	94.9
2012	101.3	107.6	104.4	95.4	98.1	96.7
2013	106.8	110.5	108.6	96.2	98.4	97.3
2014	104.6	112.3	108.4	96.6	98.8	97.7
2015	105	113.4	109.2	97.1	98.8	97.7
2016	109.3	115	112.1	97.01	98.8	97.96
2017	108.1	115.4	111.7	97.66	98.29	97.97

Progress in Secondary Education (KPI)

Gross & Net Enrolment Rate

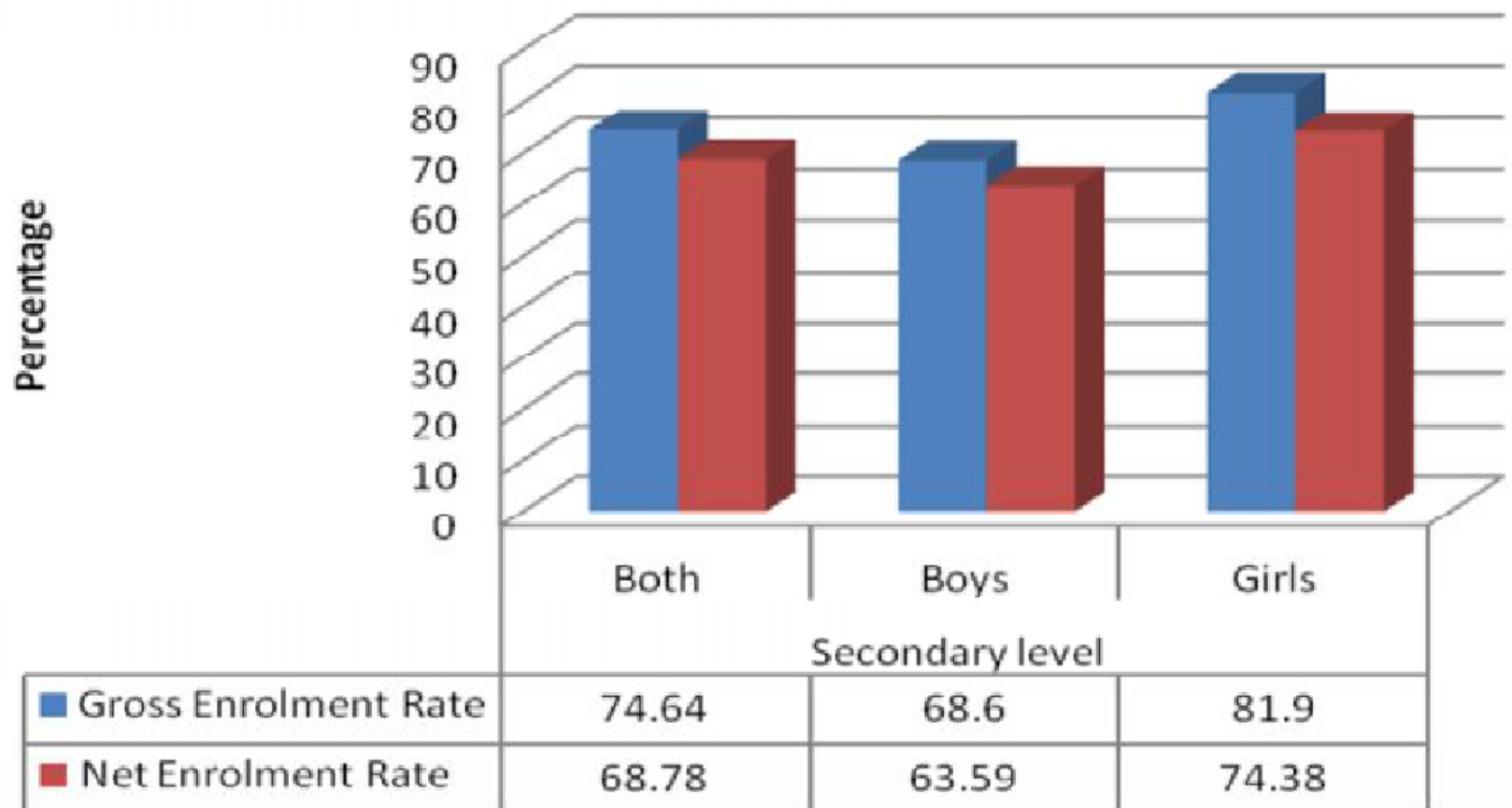


Year	GER	NER
2009	53.94	49.13
2010	55.81	49.53
2011	61.89	56.50
2012	64.05	57.37
2013	65.58	58.97
2014	69.23	62.25

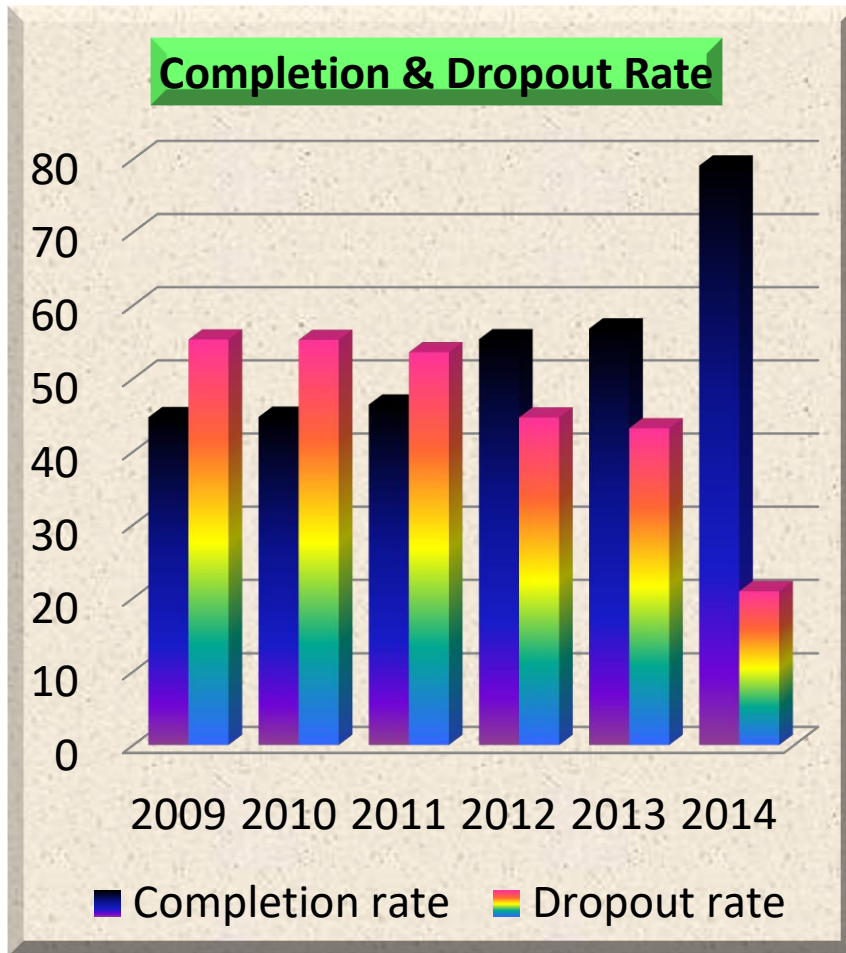
Gross and Net Enrolment Rate by gender in Secondary Level of Education 2017

			Secondary level		
Indicators		(Cycle-School+Madrasah+Voc.)			
	Both		Boys		Girls
Gross Enrolment Rate	74.64		68.60		81.90
Net Enrolment Rate	68.78		63.59		74.38

Gross and Net Enrolment Rate in Secondary Education 2017



Progress in Primary Education (KPI)

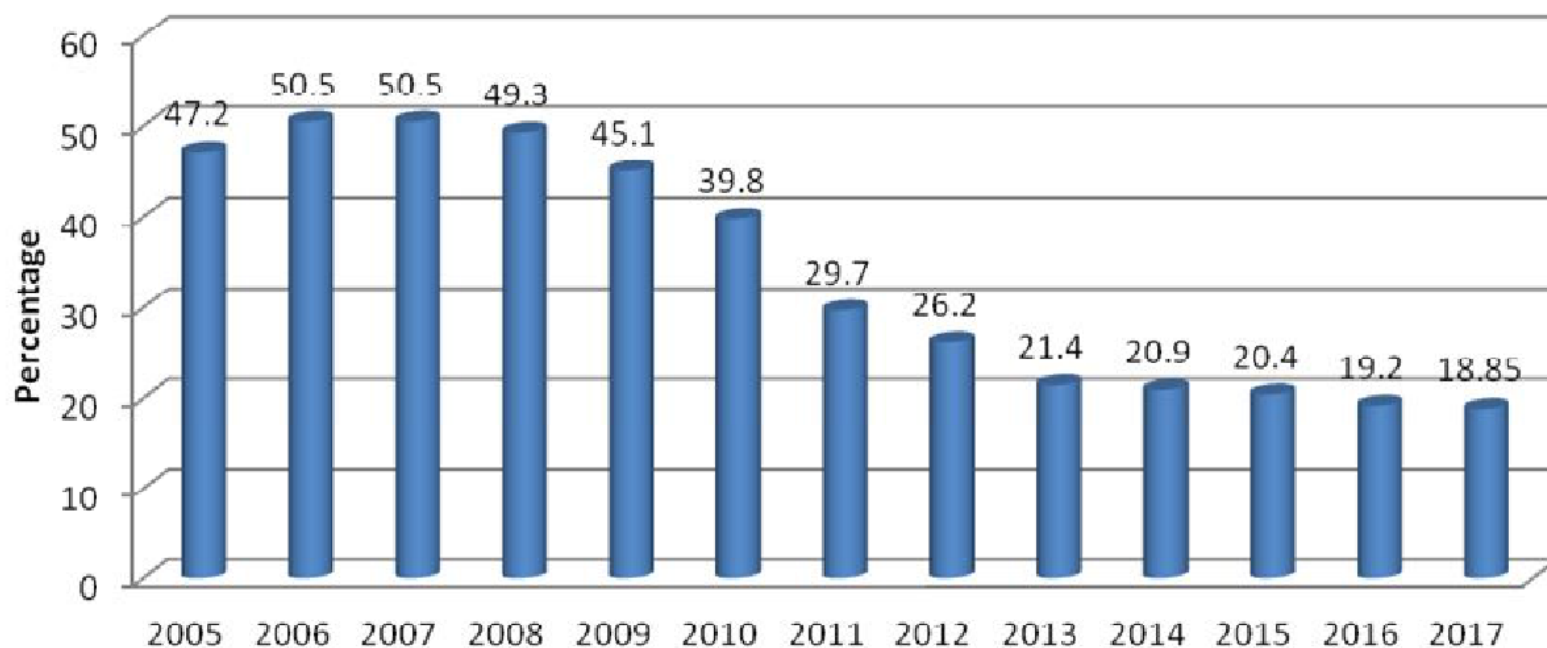


Year	Completion Rate	Dropout rate
2009	44.9	45.1
2010	60.3	39.8
2011	70.3	29.7
2012	73.8	26.2
2013	78.6	21.4
2014	79.1	20.9

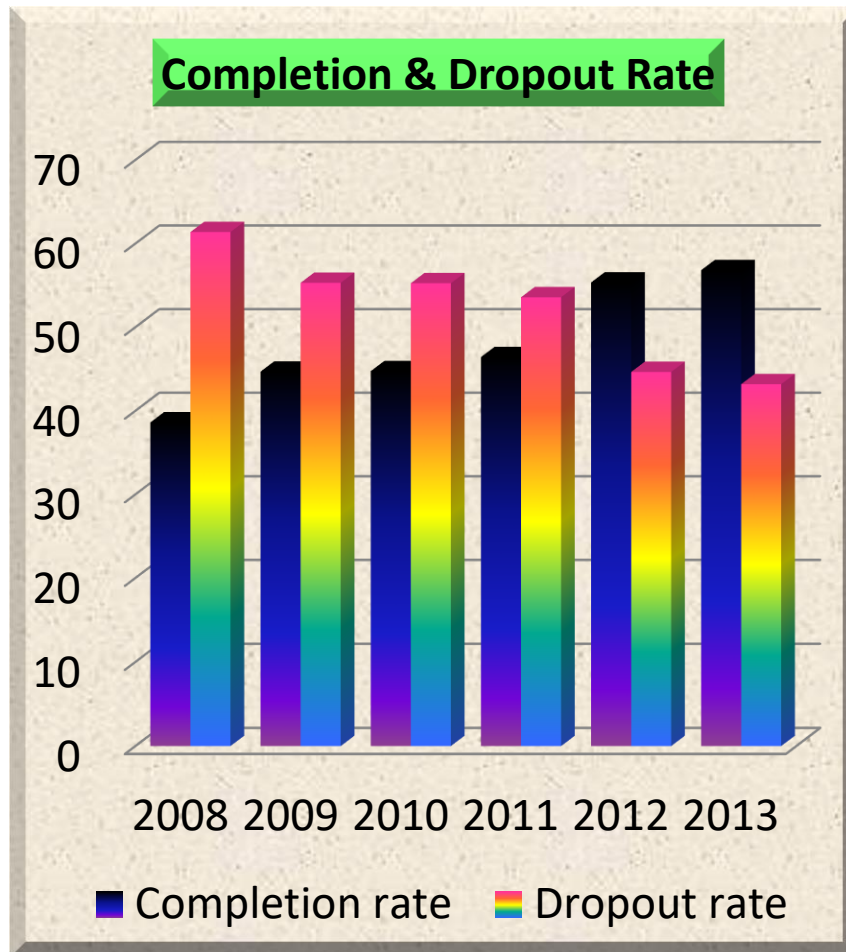
Year wise Dropout Rate (both Boys and Girls together) 2005-2017

Year	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Dropout Rate (%)	47.2	50.5	50.5	49.3	45.1	39.8	29.7	26.2	21.4	20.9	20.4	19.2	18.85

Year Wise Dropout Rate (%) 2005-2017



Progress in Secondary Education (KPI)



Year	Completion Rate	Dropout rate
2008	38.62	61.38
2009	44.69	55.31
2010	44.74	55.26
2011	46.42	53.58
2012	55.35	44.65
2013	56.82	43.18

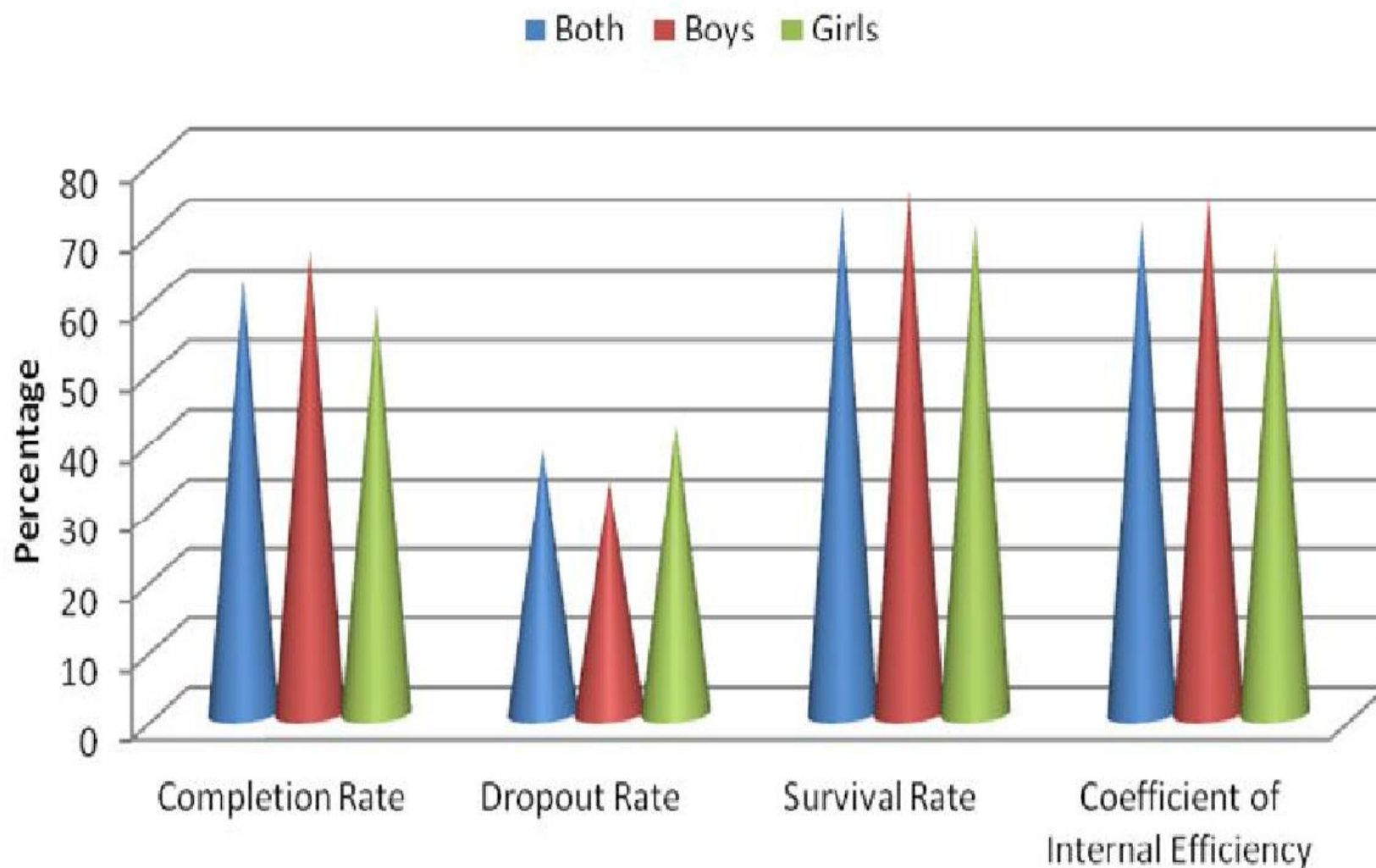
Completion Rate, Dropout Rate, Survival rates and Coefficient of Internal Efficiency by gender in Secondary Level 2017

Rates in Percentage)			
Indicators	Secondary level		
	(Cycle-School, Madrasah & Vocational)		
	Both	Boys	Girls
Completion Rate	62.19	66.57	58.48
Dropout Rate	37.81	33.43	41.52
Survival Rate	72.53	75.20	70.47
Coefficient of Internal Efficiency	70.54	74.12	67.33

Dropout and Completion Rate, GER and NER in Secondary level 2008-2017

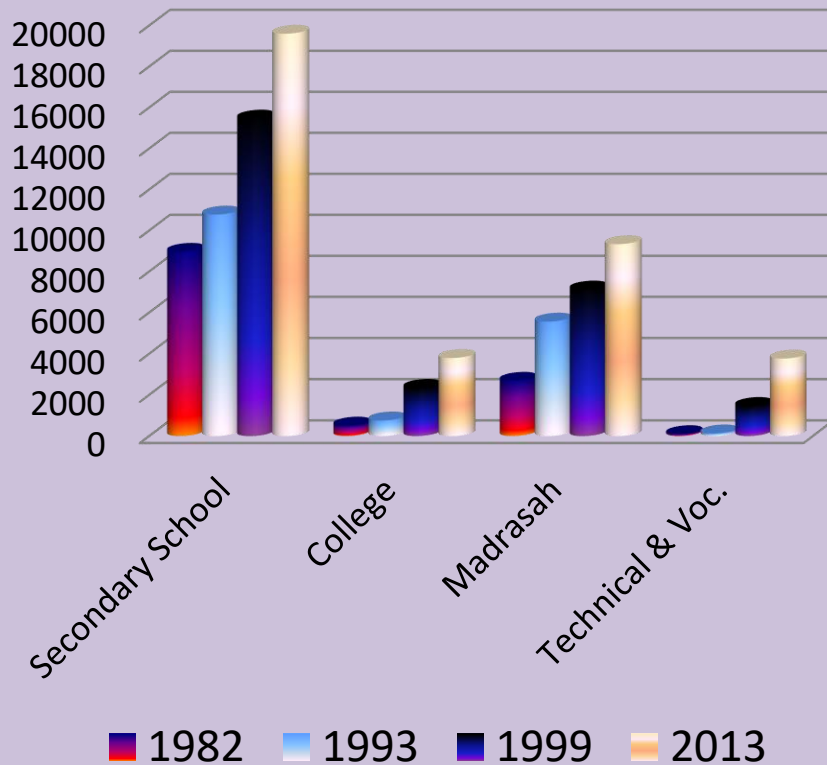
Year	Dropout Rate (%)			Completion Rate (%)			GER			NER		
	Both	Boy	Girl	Both	Boy	Girl	Both	Boy	Girl	Both	Boy	Girl
2008	61.38	56.61	65.69	38.62	43.39	34.31	49.81	44.32	55.88	45.09	39.88	50.83
2009	55.31	42.15	64.93	44.69	57.85	35.07	53.94	49.52	58.80	49.13	44.79	54.01
2010	55.26	57.29	53.57	44.74	42.71	46.43	55.81	49.59	62.62	49.53	44.45	55.09
2011	53.28	46.73	56.43	46.72	53.27	43.57	61.89	57.04	66.91	56.50	51.94	59.94
2012	44.65	34.9	52.36	55.35	65.1	47.64	64.05	57.37	71.31	57.37	51.64	63.58
2013	43.18	34.18	48.89	56.82	65.82	51.11	65.58	59.63	71.86	58.97	54.05	64.16
2014	41.59	34.52	47.67	58.41	65.48	52.33	69.23	62.94	75.88	62.25	57.04	67.74
2015	40.29	33.72	45.92	59.71	66.28	54.08	72.78	67.75	77.84	67.00	62.16	71.85
2016	38.30	33.88	42.19	61.70	66.12	57.81	74.23	67.11	81.74	67.84	63.85	73.10
2017	37.81	33.43	41.52	62.19	66.57	58.48	74.64	68.60	81.90	68.78	63.59	74.38

Internal Efficiency in Secondary Education 2017



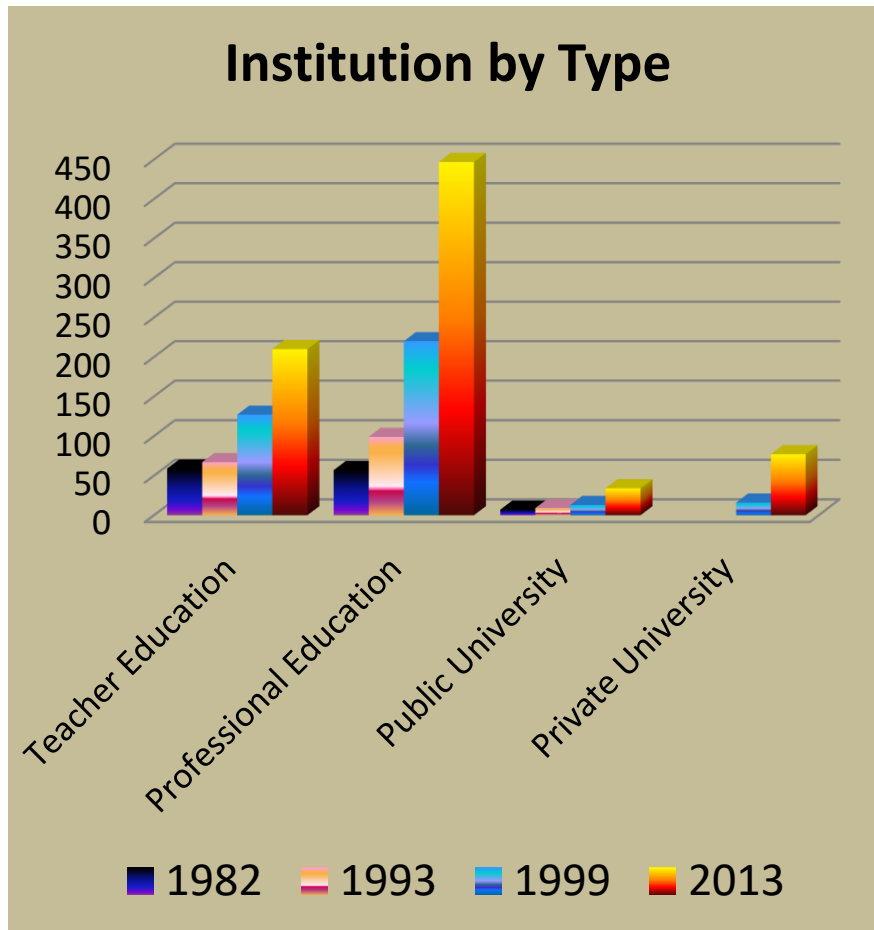
Past and Present Status of Education Institution

Institution by Type



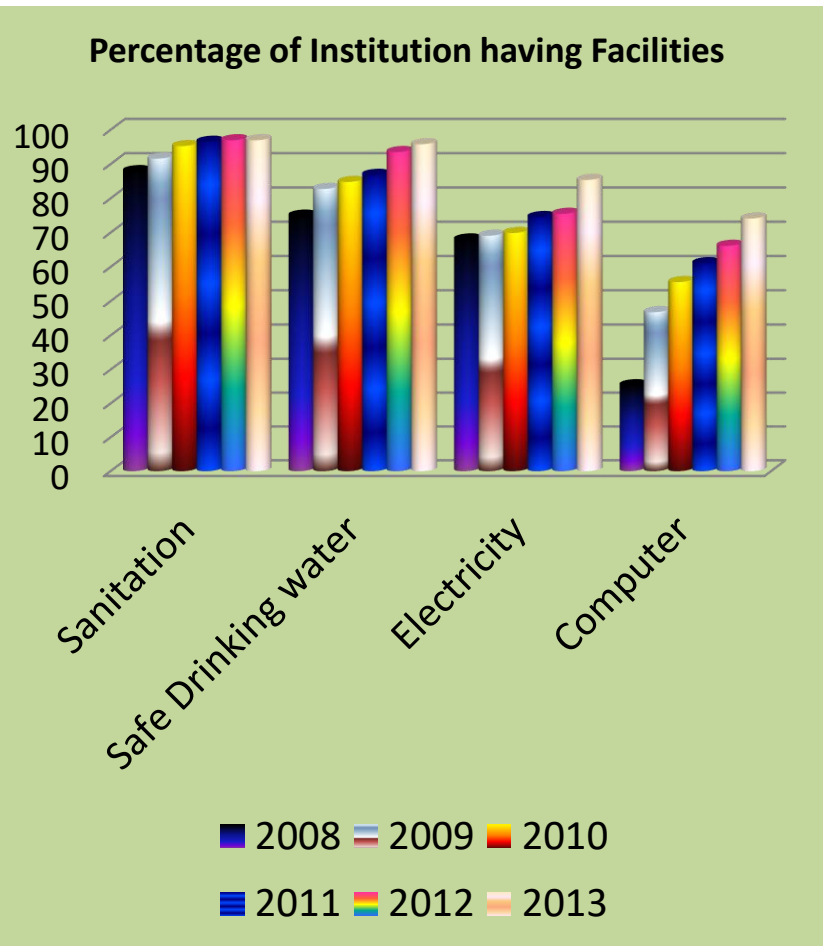
Type	1982	1993	1999	2013
Secondary School	8960	10778	15460	19602
College	509	757	2339	3793
Madrasah	2684	5560	7122	9336
Technical & Voc.	93	128	1462	3766

Past and Present Status of Education Institution



Type	1982	1993	1999	2013
Teacher Education	59	67	127	210
Professional Education	57	99	220	447
Public University	07	09	13	34
Private University			16	77

Past and Present Status of Education Institution



Year	Sanitation	Safe Drinking Water	Electricity	Computer
2008	87.96	74.97	68.02	25.41
2009	91.62	82.77	69.12	46.82
2010	95.29	84.82	69.94	55.61
2011	96.52	86.87	74.56	61.09
2012	96.98	93.53	75.50	66.18
2013	97.00	95.83	85.41	74.61

Bangladesh Bureau of Educational Information and Statistics(BANBEIS)

Working for:

- Education Statistics
 - Research
 - DBMS
- Spatial DBMS
- Library Management
 - E-books
- To extend services for training needs

Introduction

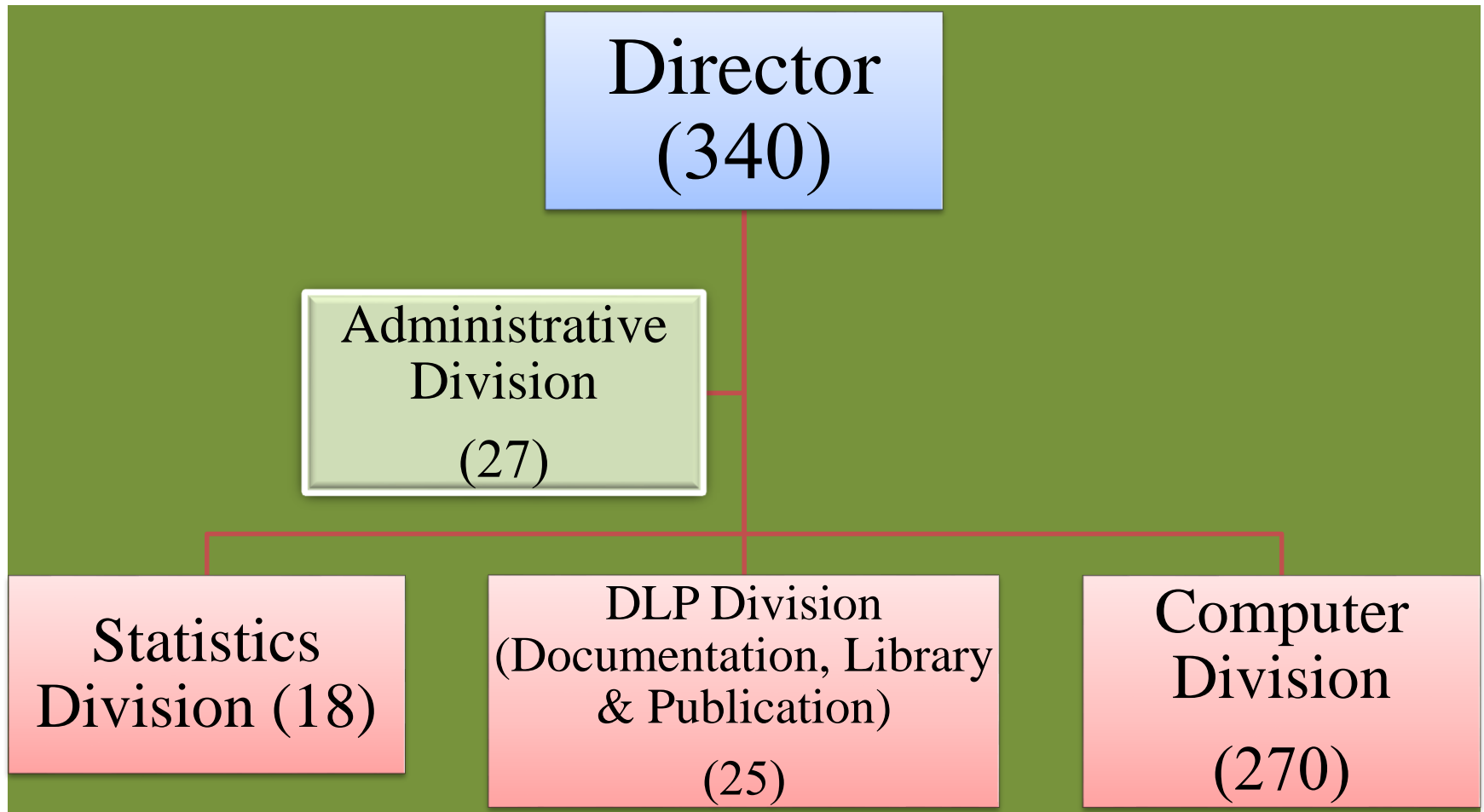
BANBEIS is the only Government organization to collect, store and disseminate of educational information & Statistics of the country

Attached Department of the Ministry of Education

The organization started Functioning from 1977

Making major role in spreading ICT activities in addition to educational statistics

Organization Structure



Organization Characteristics

- ☐ A Professional Organization
- ☐ **152** Professional (Statistician, IT Specialist, Researcher, Library & Documentation Specialist)
- ☐ Own Building (5 storied, 60000 square feet)
- ☐ Modern ICT Centre (9 Servers, 110 PCs & other equipment)
- ☐ One Digital Multimedia Centre (DMC)
- ☐ One modern Library (27506 books & one modern Documentation Centre (122 type Journals with 4636 Document)
- ☐ 125 Upazila ICT Training and Resource Centre for Education (UITRCE)

Vision and Objectives

Vision

- Building qualitative education information and statistics in all sector.
- Strengthen education management information system for providing role in the development of education sector and the nation.

Objectives

- To collect, collate, storage and disseminate education information & statistics
- To Conduct Education census, national education survey and other sample survey for different purposes.

Objectives (Contd.)

To Strengthen Data Warehouse with Education Databases and Education GIS

To maintain National Documentation Centre on education by collecting education documents.

To act as a Focal point of EMIS (Education Management Information System)

To supply education information regularly to the International Organizations related with education.

To maintain a specialized Digital Library

To supply upto-date information to the organizations engaged in education planning and development.

Important Activities

Database Update
[\(E-Survey©\)](#)

Collect, Process and
Disseminate Education
Information &
Statistics

Library Automation
[E-Cataloging](#)
[Digital Librrary](#)

Conduct Education
Research

ICT Training [\(BKITCE\)](#)

Research Activities

Regular Research Activities of BANBEIS

BANBEIS conducts research from 2006 and more than 20 research have been conducted

Performing research activities by own research personnel and through outsourcing as per PPR under Revenue Budget

Higher Research Program on Education

Ministry of Education has been financing on higher research programme on education sector from 2009-2010

BANBEIS performs duties of primary review committee and collect, make entry of research proposal, review and rating of proposal by specialists. Also conduct workshop on ongoing and completed research programme.

Implementation Status as per National Education Policy: Para-28, Section-14



Establishment of ICT based Data Warehouse for all levels and types of education institutions

BANBEIS established ICT based Data Warehouse through developing comprehensive databases of all post-primary education institutions.

Implementation Status as per National Education Policy: Para-28, Section-14

Strengthen BANBEIS with ICT, Networking, Finance and Manpower for updating database information on education



As a step of updating information, BANBEIS is updating databses by collecting data online from the institutions every year. At present, BANBEIS is updating database information for the year 2014

Implementation Status as per National Education Policy: Para-28, Section-14

Ensuring activities of BANBEIS with transparency, efficiency and ICT based through proper supervision



All activities of BANBEIS are being performed with efficiency and transparency and steps has been taken for using ICT in all activities of BANBEIS

A Digital Multimedia Centre (DMC) has been established for implementing ICT in Education where digital multimedia content have to be developed so that teachers and students can access teaching and learning materials from the web

Implementation progress of ICT Master Plan of the Education Sector

Objectives

Professional skill development of teacher in ICT



Establishment of National Education Data Centre to store and disseminate all information on education



Implementation Progress

BANBEIS already provided ICT training for about 12000 teachers. At present, BANBEIS establishing 125 Upazila ICT Training & Resource Centre for Education (UITRCE) and about 100,000 teachers will be trained in the UITRCE in next two years. BANBEIS also planned to establish 160 UITRCE in second phase so that every teachers at the secondary and higher secondary level will be trained in ICT within 5 years.

BANBEIS already developed Education Data Centre at the post-primary level. BANBEIS also sent proposal to the DG, DPE for integrating primary education Database with BANBEIS database so that BANBEIS can act as central agency of EMIS Data Centre in the education sector.

Implementation progress of ICT Master Plan of the Education Sector

Objectives

Ensuring transparency, efficiency and accountability in education management with the use of ICT

Implementation Progress

BANBEIS developed Web enabled EMIS Databases of post-primary education institution and integrated in the BANBEIS website. Databases are being updated using e-Survey application and every post-primary education institution updating respective institutional information online using Internet. Dataset for the year 2014 already stored in BANBEIS.

EIMS Software developed under UITRCE project for establishing management information system, performance auditing system, online reporting and feedback system for each institution at the post-primary level. The software will be piloted and implemented by early next year.

e-Service

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graph TD; ES[Education Statistics] --- GIS[Education GIS]; ES --- DBS[Database Service]; GIS --- DBR[Database Report]; DBS --- DBR;
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Education
Statistics

Education
GIS

Database
Service

Database
Report

e-Service (Contd.)

[e-Book](#)

[EIMS](#)

[Download
Survey
Form](#)

Forthcoming BANBEIS

To establish BANBEIS as a central information centre for all levels of the education sector



To establish BANBEIS as the only institution for data collection, data processing and reporting for all types of education institutions.



To have mandate of BANBEIS regarding data collection, processing and dissemination education data for all levels of education institutions including primary education.



To make restructure of BANBEIS organogram as per extended activities



To instruct all organizations to use education information and statistics from BANBEIS

Result for implementation of the recommendation



Data duplication can be avoided

Data consistency and accuracy will be increased

One stop information service can be available easily

Future Development Goals of BANBEIS

Establishment of 160 Upazila ICT Training and Resource Centre for Education (UITRCE) in second phase to be funded by EDCE, Korea

ICT Training of 200,000 Teachers in Secondary level and 100,000 teachers in Primary level within 5 years

Link all Post-primary level institutions with BANBEIS Database by integration of EIMS to be developed by each institution

Accuire Training Grants from Development Partners to expedite ICT Based education and e-Learning System in the country

Upazila ICT Training and Resource Centre for Education (UITRCE) Project



Background

As per ICT Policy-2009, government has introduced computer science as a compulsory subject at the secondary level from grade 6 for spreading ICT education at all levels.

For this reason, it is necessary to train every teacher in ICT which has indicated in the ICT Policy. Except that, government also has also targetted to provide access to information to all the citizens.

Moreover, the government has a target to develop multimedia based teaching and learning contents by the teacher using ICT for implementing classroom teaching process.

BANBEIS has undertaken the UITRCE project for implementing these targets through soft loan program of the Korean Government.

Project Objectives

Construction of two storied building with four story foundation and supply & installation computer & other equipment in 125 Upazila for establishing ICT training & resource centre including local service centre of BANBEIS and Upazila Secondary Education Office

Ensure Access to Information to the local citizen by establishing Cyber Centre

Establishment of Digital Multimedia Centre in BANBEIS for developing multimedia education materials and implementing e-Learning system in the country

Project Output

Teachers of primary, secondary and higher secondary level institutions will be trained in ICT within short span of time through the Upazila ICT Training & Resource Centre for enhancing IT literacy of the teachers' community and ICT education of the students will be harmonized at the grass root level

ICT based education and learning process will be extended and implemented

Internet access of teachers and citizens at the local level will be available through the upazila resource centre

Databases of BANBEIS will be updated regularly through the upazila data management centre

To establish Digital Bangladesh of the Government, access to information of the citizens at the grass root level will be ensured

- **Useful links**

1. <http://www.moedu.gov.bd/>
2. <http://www.banbeis.gov.bd>
3. <http://www.ugc.gov.bd/>
4. <http://www.bteb.gov.bd/>
5. <http://www.naem.gov.bd/>
6. <http://www.dshe.gov.bd>
7. <http://www.nctb.gov.bd>
8. <http://www.dpe.gov.bd>