

Ministry of Education



Republic of Ghana



Report on Basic Statistics and Planning Parameters for Basic Education in Ghana 2011/2012

EMIS
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DOMINIC PEALORE (DR.)
DIRECTOR, SRIMPR

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SECTION ONE

INTRODUCTION

REPORT ON BASIC STATISTICS AND PLANNING PARAMETERS FOR BASIC EDUCATION IN GHANA - 2011/2012

1. INTRODUCTION

In an effort to make adequate and reliable data and information available for scientific policy formulation, planning and implementation of various programmes and projects in education in Ghana, the Ministry of Education launched the Education Management Information System (EMIS) Project in January, 1997 with technical support during the first and second Phases from the Harvard University and funds from the World Bank and the Government of Ghana. As an integral part of the Free, Compulsory and Universal Basic Education (FCUBE) Programme, the EMIS Project was planned to build on the already existing EMIS established in 1988 in the Ministry as part of the Education Reforms. Currently, technical support is being given by UNESCO Institute for Statistics (UIS).

Through the EMIS, a strong database has been established within the Ministry of Education. Twenty-four Basic (Nursery/Crèche, Kindergarten, Primary and Junior Secondary) school census have so far been conducted since 1988 and the reports on them are available in the Ministry.

This report on the twenty fourth census (2011/2012) is being presented to provide and upgrade basic data and planning parameters on enrolment, teaching staff, school facilities and examination results for basic schools. This year's information on Basic Schools as in the previous years has been produced

at national, regional and district levels. The report is presented in four sections as follows.

Section one gives a brief introduction of the report highlighting briefly the EMIS Project.

Section Two gives a brief summary of the analysis of the data for preschools, primary schools and junior secondary schools. An attempt has been made in the analysis to compare the previous census (2010/2011) results with those of the current census. An effort has also been made to analyse the data for the three levels of basic education by type of education, region and gender.

Section Three gives a summary of tables, charts and maps for preschools, primary schools and junior high schools. The arrangement of tables followed immediately by maps and charts has been used to facilitate visualisation of the concepts being presented.

Section Four provides detailed statistics at the national, regional and district levels by type of education.

An analysis of BECE results for the year 2011 has been provided in Section Four.

SECTION TWO

SUMMARY OF FINDINGS

SUMMARY OF FINDINGS

2.1 PRESCHOOLS

2.1.1 Number of Crèches and Nurseries

The number of public crèches and nurseries is **455**, representing a decrease of 31.7% when compared with the 2010/2011 figure of 666 as indicated in Table 2.1.1 below. The number of private crèches and nurseries is **4,032**, showing a decrease of 6.3% when compared with the 2010/2011 figure of 4,303. The total number of both public and private crèches and nurseries is **4,487**, representing a decrease of 9.7% over the 2010/2011 figure of 4,969.

TYPE OF EDUCATION	NUMBER OF CRECHES/NURSERIES		
	2010/2011	2011/2012	% Change
Public	666	455	-31.7
Private	4,303	4,032	-6.3
Total	4,969	4,487	-9.7

Regional distribution of crèches and nurseries in Table 3.1.1, Map 3.1.1 and Chart 3.1.1 (pages 23 and 24) shows that the Ashanti Region exhibits the highest number of crèches and nurseries (1,148) while the Upper West Region has the lowest number (28). There are more private crèches and nurseries than public ones in all regions.

2.1.2 Number of Kindergartens

The number of public kindergartens is **13,505**, representing an increase of 1.8% over the 2010/2011 figure of 13,263 as indicated in Table 2.1.2 below. The number of private kindergartens is **5,410**, showing a decrease of 2.3% in relation to the 2010/2011 figure of 5,538. Thus, the total number of both public and private kindergartens is **18,915**, representing an increase of 0.6% over the 2010/2011 figure of 18,801.

TYPE OF EDUCATION	NUMBER OF KINDERGARTENS		
	2010/2011	2011/2012	% Change
Public	13,263	13,505	1.8
Private	5,538	5,410	-2.3
Total	18,801	18,915	0.6

Regional distribution of kindergartens in Table 3.1.2, Map 3.1.2 and Chart 3.1.2 (pages 25 and 26) shows that the Ashanti Region exhibits the highest number of kindergartens (3,462) while the Upper West Region has the lowest number (547). For all regions there are more public kindergartens than private ones except the Ashanti and Greater Accra Regions.

2.1.3 Enrolment in Crèches and Nurseries

As indicated in Table 2.1.3 below, enrolment in public crèches and nurseries is **24,057**, showing a decrease of 15.4% in relation to the 2010/2011 figure of 28,422. Enrolment in private crèches and nurseries is **236,561**, representing an increase of 12.5% over the 2010/2011 figure of 210,248. Thus, the total enrolment in both the public and private crèches and nurseries is **260,618**, showing an increase of 9.2% over the 2010/2011 figure of 238,670.

Table 2.1.3 Enrolment in crèches and nurseries by type of education, 2010/2011 – 2011/2012			
TYPE OF EDUCATION	ENROLMENT IN CRECHES AND NURSERIES		
	2010/2011	2011/2012	% Change
Public	28,422	24,057	-15.4
Private	210,248	236,561	12.5
Total	238,670	260,618	9.2

Regional distribution of enrolment in crèches and nurseries in Table 3.1.3, Map 3.1.3 and Chart 3.1.3 (pages 27 and 28) shows that the Ashanti Region exhibits the highest enrolment in crèches and nurseries (67,599) while the Upper West Region has the lowest enrolment (3,050).

2.1.4 Enrolment in Kindergartens

As indicated in Table 2.1.4 below, enrolment in public kindergartens is **1,199,967**, showing an increase of 1.6% over the 2010/2011 figure of 1,180,760. Enrolment in private kindergartens is **343,347**, representing an increase of 10.5% when compared to the 2010/2011 figure of 310,690. Thus, the total enrolment in both the public and private kindergartens is **1,543,314**, showing an increase of 3.5% over the 2010/2011 figure of 1,491,450.

Table 2.1.4 Enrolment in kindergarten by type of education, 2010/2011 - 2011/2012			
TYPE OF EDUCATION	ENROLMENT IN KINDERGARTEN		
	2010/2011	2011/2012	% Change
Public	1,180,760	1,199,967	1.6
Private	310,690	343,347	10.5
Total	1,491,450	1,543,314	3.5

Regional distribution of enrolment in kindergartens in Table 3.1.4, Map 3.1.4 and Chart 3.1.4 (pages 29 and 30) shows that the Ashanti Region exhibits the highest enrolment in kindergartens (282,703) while the Upper West Region has the lowest enrolment (50,010).

2.1.5 Gross Enrolment Ratio in Crèches and Nurseries

As already stated above, and as indicated in Table 2.1.5 below the total enrolment in both the public and private crèches and nurseries increased from 238,670 in 2010/2011 to 260,618 in 2011/2012, at a growth rate of 9.2%. The gross enrolment ratio (the percentage of children in crèches and nurseries as proportion of crèche and nursery aged children in the population) at crèche and nursery level for children in age group 0-3 years increased at a rate of 6.6% from 8.4% in 2010/2011 to **8.9%** in 2011/2012.

TYPE OF STATISTICS	GER IN CRECHES/NURSERIES		
	2010/2011	2011/2012	% Change
Pop. 0-3yrs	2,845,816	2,914,120	2.4
Crèche & Nur. Enr.	238,670	260,618	9.2
GER	8.4	8.9	6.6

In Table 3.1.5, Map 3.1.5 and Chart 3.1.5 (pages 31 and 32), regional distribution of GER in crèches and nurseries is presented. It is observed that the Greater Accra Region has the highest GER (17.3%) while the Upper West Region has the lowest GER (3.5%).

2.1.6 Gross Enrolment Ratio in Kindergartens

As already stated above, and as indicated in Table 2.1.6 below the total enrolment in both the public and private kindergartens increased from 1,491,450 in 2010/2011 to 1,543,314 in 2011/2012 at a growth rate of 3.5%. The gross enrolment ratio (the percentage of children in Kindergarten as a proportion of Kindergarten aged children in the population) at kindergarten level for children in age group 4-5 years increased at a rate of 1.1% from 98.4% in 2010/2011 to **99.4%** in 2011/2012.

TYPE OF STATISTICS	GER IN KINDERGARTEN		
	2010/2011	2011/2012	% Change
Pop. 4-5yrs	1,516,090	1,552,484	2.4
Kindergarten Enr.	1,491,450	1,543,314	3.5
GER	98.4	99.4	1.1

In Table 3.1.6, Map 3.1.6 and Chart 3.1.6 (pages 33 and 34), regional distribution of GER in kindergartens is presented. It is observed that the Central Region has the highest GER (117.9%) while the Greater Accra Region has the lowest GER (64.5%).

2.1.7 Percentage of Girls' Enrolment in Crèches and Nurseries

The percentage of girls' enrolment in public crèches and nurseries decreased from 50.4% in 2010/2011 to **49.3%** in 2011/2012 at a rate of 2.1%. The percentage of girls' enrolment in private schools, also, decreased from 49.4% in 2010/2011 to **49.3%** in 2011/2012 at a rate of 0.2%. Girls' enrolment in both public and private crèches and nurseries is **49.3%** showing a decrease of 0.5% in relation to the 2010/2011 figure of 49.5%.

TYPE OF EDUCATION	% OF GIRLS ENROLMENT		
	2010/2011	2011/2012	% Change
Public	50.4	49.3	-2.1
Private	49.4	49.3	-0.2
Total	49.5	49.3	-0.5

Regional distribution of percentage of girls' enrolment in crèches and nurseries presented in Table 3.1.7, Map 3.1.7 and Chart 3.1.7 (pages 35 and 36) shows that the Upper West Region has the largest percentage of girls' enrolment (51.08%) while the Northern Region has the lowest percentage of girls' enrolment (48.26%).

2.1.8 Percentage of Girls' Enrolment in Kindergartens

The percentage of girl's enrolment in public kindergartens decreased from 49.7% in 2010/2011 to **49.6%** in 2011/2012 at rate of 0.2%. The percentage of private girls' enrolment remained unchanged at 49.7% in 2011/2012. Girls' enrolment in both public and private kindergartens also remained unchanged at **49.7%** in 2011/2012.

TYPE OF EDUCATION	% OF GIRLS ENROLMENT		
	2010/2011	2011/2012	% Change
Public	49.7	49.6	-0.2
Private	49.7	49.7	0.0
Total	49.7	49.7	0.0

Regional distribution of percentage of girls' enrolment in kindergarten presented in Table 3.1.8, Map 3.1.8 and Chart 3.1.8 (pages 37 and 38) shows that the Upper West Region has the largest percentage of girls' enrolment (50.33%) while the Northern Region has the lowest percentage of girls' enrolment (48.82%).

2.1.9 Number of Teachers in Crèches and Nurseries

As shown in Table 2.1.9 below, the total number of teachers in public crèches and nurseries is **711**, representing a decrease of 15.4% in relation to the 2010/2011 figure of 840. The total number of teachers in private crèches and nurseries is **8,818**, representing an increase of 18.7% when related to the 2010/2011 figure of 7,428. The total number of teachers in both public and private crèches and nurseries is **9,529**, representing an increase of 15.3% when compared with the 2010/2011 figure of 8,268.

TYPE OF EDUCATION	NUMBER OF TEACHERS		
	2010/2011	2011/2012	% Change
Public	840	711	-15.4
Private	7,428	8,818	18.7
Total	8,268	9,529	15.3

A regional distribution of teachers in crèches and nurseries is given in Table 3.1.9, Map 3.1.9 and Chart 3.1.9 (pages 39 and 40). The presentation shows that the Greater Accra Region has the largest number of teachers (2,881) while the Upper West Region has the lowest number of teachers (79).

2.1.10 Number of Teachers in Kindergartens

As shown in Table 2.1.10 below, the total number of teachers in public kindergartens is **31,691**, representing an increase of 0.3% in relation to the 2010/2011 figure of 31,595. The total number of teachers in private kindergartens is **10,726**, representing an increase of 8.5% over the 2010/2011 figure of 9,889. The total number of teachers in both public and private kindergartens is **42,417**, representing an increase of 2.2% when compared with the 2010/2011 figure of 41,484.

TYPE OF EDUCATION	NUMBER OF TEACHERS		
	2010/2011	2011/2012	% Change
Public	31,595	31,691	0.3
Private	9,889	10,726	8.5
Total	41,484	42,417	2.2

A regional distribution of teachers in kindergartens is given in Table 3.1.10, Map 3.1.10 and Chart 3.1.10 (pages 41 and 42). The presentation shows that the Ashanti Region has the largest number of teachers (9,221) while the Upper West Region has the lowest number of teachers (1,140).

2.1.11 Percentage of Trained Teachers in Crèches and Nurseries

The percentage of trained teachers in public crèches and nurseries is **34.0%**, showing an increase of 29.4% over the 2010/2011 figure of 26.3% as shown in Table 2.1.11 below. In private crèches and nurseries, the percentage of trained teachers remained unchanged at **5.8%**. In both public and private crèches and nurseries, the percentage of trained teachers is **7.9%**, representing an increase of 0.8% when compared to the 2010/2011 figure of 7.8%.

TYPE OF EDUCATION	% OF TRAINED TEACHERS		
	2010/2011	2011/2012	% Change
Public	26.3	34.0	29.4
Private	5.8	5.8	0.7
Total	7.8	7.9	0.8

A regional distribution of percentage of trained teachers in crèches and nurseries in Table 3.1.11, Map 3.1.11 and Chart 3.1.11 (pages 43 and 44) shows that the Northern Region have the highest percentage of trained teachers (15.8%) while the Upper West Region has the lowest figure (1.3%).

2.1.12 Percentage of Trained Teachers in Kindergarten

The percentage of trained teachers in public kindergartens is **44.8%**, showing an increase of 15.5% over the 2010/2011 figure of 38.8% as shown in Table 2.1.12 below. In private kindergartens, however, the percentage of trained teachers is only **6.2%**, showing a decrease of 6.4% when compared to the 2010/2011 figure of 6.7%. In both public and private kindergartens, the percentage of trained teachers is **35.1%**, representing an increase of 12.5% over the 2010/2011 figure of 31.1%.

TYPE OF EDUCATION	% OF TRAINED TEACHERS		
	2010/2011	2011/2012	% Change
Public	38.8	44.8	15.5
Private	6.7	6.2	-6.4
Total	31.1	35.1	12.5

A regional distribution of percentage of trained teachers in kindergartens in Table 3.1.12, Map 3.1.12 and Chart 3.1.12 (pages 45 and 46) shows that the Eastern Region has the highest percentage of trained teachers (48.2%) while the Western Region has the lowest figure (17.5%).

2.1.13 Pupil/Teacher Ratio in Crèches and Nurseries

As shown in Table 2.1.13 below, pupil/teacher ratio (i.e. the number of pupils per teacher) in public crèches and nurseries remained unchanged at **34:1** in 2011/2012. In the private crèches and nurseries also, pupil/teacher ratio decreased from 28:1 in 2010/2011 to **27:1** in 2011/2012. In both public and private crèches and nurseries also, the pupil/teacher ratio decreased from 29:1 in 2010/2011 to **27:1** in 2011/2012.

TYPE OF EDUCATION	PUPIL-TEACHER RATIO		
	2010/2011	2011/2012	% Change
Public	34	34	0.0
Private	28	27	-5.2
Total	29	27	-5.3

A regional distribution of pupil/teacher ratio in crèches and nurseries in Table 3.1.13, Map 3.1.13 and Chart 3.1.13 (pages 47 and 48) shows that the Upper West Region has the highest pupil/teacher ratio (39:1) while the Greater Accra Region has the lowest figure (20:1).

2.1.14 Pupil/Teacher Ratio in Kindergarten

As shown in Table 2.1.14 below, pupil/teacher ratio (i.e. the number of pupils per teacher) in public kindergartens increased from 37:1 in 2010/2011 to **38:1** in 2011/2012. In the private kindergartens, pupil/teacher ratio increased from 31:1 in 2010/2011 to **32:1** in 2011/2012. In both public and private kindergartens, pupil/teacher ratio remained unchanged at **36:1** in 2011/2012.

TYPE OF EDUCATION	PUPIL-TEACHER RATIO		
	2010/2011	2011/2012	% Change
Public	37	38	1.3
Private	31	32	1.9
Total	36	36	0.0

A regional distribution of pupil/teacher ratio in kindergartens in Table 3.1.14, Map 3.1.14 and Chart 3.1.14 (pages 49 and 50) shows that the Northern Region has the highest pupil/teacher ratio of (50:1) while the Greater Accra Region has the lowest figure (28:1).

2.2 PRIMARY SCHOOLS

2.2.1 Number of Primary Schools

The number of public primary schools is **14,360**, representing a decrease of 0.3% over the 2010/2011 figure of 14,431 as indicated in Table 2.2.1 below. The number of private primary schools is **5,473**, showing an increase of 3.4% when compared to the 2010/2011 figure of 5,292. Thus, the total number of both public and private primary schools is **19,833**, representing an increase of 0.6% over the 2010/2011 figure of 19,723.

TYPE OF EDUCATION	NUMBER OF PRIMARY SCHOOLS		
	2010/2011	2011/2012	% Change
Public	14,431	14,360	-0.5
Private	5,292	5,473	3.4
Total	19,723	19,833	0.6

Regional distribution of primary schools in Table 3.2.1, Map 3.2.1 and Chart 3.2.1 (pages 51 and 52) shows that the Ashanti Region exhibits the highest number of primary schools (3,621) while the Upper West Region has the lowest number (593). For all regions there are more public primary schools than private ones except the Greater Accra Region.

2.2.2 Enrolment in Primary Schools

As shown in Table 2.2.2 below, enrolment in public primary schools is **3,164,830**, showing a decrease of 1.1% over the 2010/2011 figure of 3,198,520. Enrolment in private primary schools is **897,196**, representing an increase of 17.4% when compared with the 2010/2011 figure of 764,259. Thus, the total enrolment in both the public and private primary schools is **4,062,026**, showing an increase of 2.5% when related to the 2010/2011 figure of 3,962,779.

TYPE OF EDUCATION	ENROLMENT IN PRIMARY SCHOOLS		
	2010/2011	2011/2012	% Change
Public	3,198,520	3,164,830	-1.1
Private	764,259	897,196	17.4
Total	3,962,779	4,062,026	2.5

Regional distribution of enrolment in primary schools in Table 3.2.2, Map 3.2.2 and Chart 3.2.2 (pages 53 and 54) shows that the Ashanti Region exhibits the highest enrolment in primary schools (769,431) while the Upper West Region has the lowest enrolment (140,284). For all regions, boys' enrolment exceeds girls' enrolment except the Greater Accra Region.

2.2.3 Gross Enrolment Ratio in Primary Schools

As already stated above and as indicated in Table 2.2.3 below, the total enrolment in both the public and private primary schools increased from 3,962,779 in 2010/2011 to **4,062,026** in 2011/2012 at a growth rate of 2.5%. The gross enrolment ratio at primary school level for children in age group 6-11 years, increased from 96.4% in 2010/2011 to **96.5%** in 2011/2012 at a rate of 0.1%.

TYPE OF STATISTICS	GER IN PRIMARY SCHOOLS		
	2010/2011	2011/2012	% Change
Pop. 6-11 yrs	4,112,511	4,211,217	2.4
P1-6 Enrol.	3,962,779	4,062,026	2.5
GER	96.4	96.5	0.1

Regional distribution of gross enrolment ratio in primary schools in Table 3.2.3, Chart 3.2.3 and Map 3.2.3 (pages 55 and 56) shows that the Central Region exhibits the highest gross enrolment ratio in primary schools (109.6%) while the Eastern Region has the lowest figure (88.1%).

2.2.4 Net Enrolment Rate in Primary Schools

As indicated in Table 2.2.4 below, the total enrolment of 6-11yrs pupils in both the public and private primary schools increased from 3,201,541 in 2010/2011 to **3,439,573** in 2011/2012 at a growth rate of 7.4%. Also, the net enrolment rate at primary school level for children in age group 6-11 years increased from 77.8% in 2010/2011 to **81.7%** in 2011/2012 at a rate of 4.9%.

TYPE OF STATISTICS	NER IN PRIMARY SCHOOLS		
	2010/2011	2011/2012	% Change
Pop. 6-11 yrs	4,112,511	4,211,217	2.4
P1-6 Enrol. (6-11yrs)	3,201,541	3,439,573	7.4
NER	77.8	81.7	4.9

Regional distribution of net enrolment rate in primary schools in Table 3.2.3, Chart 3.2.3 and Map 3.2.3 (pages 57 and 58) shows that the Central Region exhibits the highest net enrolment rate in primary schools (92.0%) while the Volta Region has the lowest figure (76.9%).

2.2.5 Enrolment in Primary One

As shown in Table 2.2.5 below, Primary One enrolment in public primary schools is **572,584**, showing a decrease of 3.5% when compared to the 2010/2011 figure of 593,590. Primary One enrolment in private primary schools is **174,814**, representing an increase of 17.1% over the 2010/2011 figure of 149,256. Thus, the total enrolment in both the public and private primary schools is **747,398**, showing an increase of 0.6% when compared to the 2010/2011 figure of 741,846.

TYPE OF EDUCATION	ENROLMENT IN Primary ONE		
	2010/2011	2011/2012	% Change
Public	593,590	572,584	-3.5
Private	149,256	174,814	17.1
Total	742,846	747,398	0.6

Regional distribution of Primary One enrolment in Table 3.2.5, Map 3.2.5 and Chart 3.2.5 (pages 59 and 60) shows that the Ashanti Region exhibits the highest enrolment in Primary One (135,548) while the Upper West Region has the lowest figure (30,931). It is also observed in the table that boys' enrolment in Primary One is higher than that of girls for all regions with the exception of the Greater Accra Region.

2.2.6 Gross Admission Ratio in Primary Schools

As already stated above and as indicated in Table 2.2.6 below, the Primary One enrolment in both the public and private primary schools increased from 742,846 in 2010/2011 to 747,398 in 2011/2012 at a growth rate of 0.6%. The gross admission ratio at primary school level for children at age 6 years however decreased from 99.6% in 2010/2011 to **97.8%** in 2011/2012 at a rate of -1.7%.

TYPE OF STATISTICS	GAR IN PRIMARY SCHOOLS		
	2010/2011	2011/2012	% Change
Pop. 6yrs	746,141	764,042	2.4
P1 Enrol.	742,846	747,398	0.6
GAR	99.6	97.8	-1.7

Regional distribution of gross admission ratio in primary schools in Table 3.2.6, Map 3.2.6 and Chart 3.2.6 (pages 61 and 62) shows that the Upper West Region exhibits the highest gross admission ratio in primary schools (114.8%) while the Greater Accra Region has the lowest figure (83.6%).

2.2.7 Net Admission Rate in Primary Schools

As indicated in Table 2.2.7 below, the Primary One enrolment of pupils aged 6 years in both the public and private primary schools increased from 529,453 in 2010/2011 to 542,426 in 2011/2012 at a growth rate of 2.5%. However, the net admission rate at primary school level for children at age 6 years remained unchanged.

TYPE OF STATISTICS	NAR IN PRIMARY SCHOOLS		
	2010/2011	2011/2012	% Change
Pop. 6yrs	746,141	764,042	2.4
P1 Enrol. (6yr old)	529,453	542,426	2.5
NAR	71.0	71.0	0.0

Regional distribution of net admission rate in primary schools in Table 3.2.7, Map 3.2.7 and Chart 3.2.7 (pages 63 and 64) shows that the Upper West Region exhibits the highest net admission rate in primary schools (85.1%) while the Volta Region has the lowest figure (62.2%).

2.2.8 Percentage of Girls' Enrolment in Primary Schools

The percentage of girls' enrolment in public primary schools increased from 48.6% in 2010/2011 to **48.7%** in 2011/2012 as shown in Table 2.2.8 below. In private primary schools also, the percentage of girls' enrolment increased from 49.7% in 2010/2011 to **49.8%** in 2011/2012. The Percentage of girls' enrolment in both public and private primary schools also increased from 48.8% in 2010/2011 to **48.9%** in 2011/2012.

TYPE OF EDUCATION	% OF GIRLS ENROLMENT		
	2010/2011	2011/2012	% Change
Public	48.6	48.7	0.2
Private	49.7	49.8	0.1
Total	48.8	48.9	0.2

Regional distribution of percentage of girls' enrolment in primary schools in Table 3.2.8, Map 3.2.8 and Chart 3.2.8 (pages 65 and 66) shows that the Greater Accra Region exhibits the highest percentage of girls' enrolment (51.2%) while the Northern Region has the lowest figure (46.3%).

2.2.9 Number of Teachers in Primary Schools

As shown in Table 2.2.9 below, the total number of teachers in public primary schools is **91,973**, representing a decrease of 3.1% in relation to the 2010/2011 figure of 94,927. The total number of teachers in private primary schools is **31,180**, representing an increase of 5.9% when compared to the 2010/2011 figure of 29,432. The total number of teachers in both public and private primary schools is **123,153**, representing a decrease of 1.0% in relation to the 2010/2011 figure of 124,359.

TYPE OF EDUCATION	NUMBER OF TEACHERS		
	2010/2011	2011/2012	% Change
Public	94,927	91,973	-3.1
Private	29,432	31,180	5.9
Total	124,359	123,153	-1.0

Regional distribution of number of teachers in primary schools in Table 3.2.9, Map 3.2.9 and Chart 3.2.9 (pages 67 and 68) shows that the Ashanti Region exhibits the largest number of teachers (26,241) while the Upper West Region has the lowest figure (3,445).

2.2.10 Percentage of Trained Teachers in Primary Schools

As presented in Table 2.2.10 below, the percentage of trained teachers in public primary schools is **66.3%**, showing an increase of 5.5% over the 2010/2011 figure of 62.8%. In private primary schools, the percentage of trained teachers decreased from 11.2% in 2010/2011 to **11.0%** in 2011/2012 at a rate of 2.2%. In both public and private primary schools, percentage of trained teachers is **52.3%**, representing an increase of 3.3% over the 2010/2011 figure of 50.6%.

TYPE OF EDUCATION	% OF TRAINED TEACHERS		
	2010/2011	2011/2012	% Change
Public	62.8	66.3	5.5
Private	11.2	11.0	-2.2
Total	50.6	52.3	3.3

Regional distribution of percentage of trained teachers in primary schools in Table 3.2.10, Map 3.2.10 and Chart 3.2.10 (pages 69 and 70) shows that the Greater Accra Region exhibits the highest percentage of trained teachers (56.8%) while the Western Region has the lowest figure (35.8%).

2.2.11 Pupil/Teacher Ratio in Primary Schools

As shown in Table 2.2.11 below, the pupil/teacher ratio (i.e. the number of pupils per teacher) in public primary schools remained unchanged at **34:1** in 2011/2012. In the private schools however, the pupil/teacher ratio increased from 26:1 in 2010/2011 to **29:1** in 2011/2012. In both public and private schools, the pupil/teacher ratio increased from 32:1 in 2010/2011 to **33:1** in 2011/2012.

TYPE OF EDUCATION	PUPIL-TEACHER RATIO		
	2010/2011	2011/2012	% Change
Public	34	34	0.0
Private	26	29	11.5
Total	32	33	3.1

Regional distribution of pupil/teacher ratio in primary schools in Table 3.2.11, Map 3.2.11 and Chart 3.2.11 (pages 71 and 72) shows that the Upper East Region exhibits the highest pupil/teacher ratio (40:1) while the Ashanti and Eastern Regions have the lowest figure (29:1).

2.2.12 Completion Rate in Primary Schools

As shown in Table 2.2.12 below, the completion rates (i.e. the ratio of P6 enrolment as a proportion of the 11 year old population) for boys in primary schools increased from 94.1% in 2010/2011 to **95.4%** in 2011/2012. The completion rate for girls in primary schools also increased from 89.0% in 2010/2011 to **91.9%** in 2011/2012. The completion rate for both sexes also increased from 91.6% in 2010/2011 to **93.7%** in 2011/2012.

SEX	COMPLETION RATE		
	2010/2011	2011/2012	% Change
Boys	94.1	95.4	1.3
Girls	89.0	91.9	3.2
Total	91.6	93.7	2.2

Regional distribution of completion rate in primary schools in Table 3.2.12, Map 3.2.12 and Chart 3.2.12 (pages 73 and 74) shows that the Central Region exhibits the highest completion rate (106.1%) while the Volta Region has the lowest figure (85.5%).

2.2.13 Gender Parity Index in Primary Schools

As shown in Table 2.2.13 below, the gender parity index (i.e. the ratio of girls' gross enrolment ratio as a proportion of boys gross enrolment ratio) remained unchanged at **0.97** in 2011/2012.

SEX	GENDER PARITY INDEX		
	2010/2011	2011/2012	% Change
Boys GER	98.0	97.9	-0.1
Girls GER	94.7	94.9	0.3
Gender Parity Index	1.0	1.0	0.0

Regional distribution of the gender parity index in primary schools in Table 3.3.12, Map 3.3.1 and Chart 3.3.1 (pages 75 and 76) shows that the Upper West Region exhibits the highest gender parity index (1.04) while the Northern Region has the lowest figure (0.88).

2.3 JUNIOR HIGH SCHOOLS

2.3.1 Number of Junior High Schools

The number of public junior high schools is **8,336**, representing a decrease of 1.5% over the 2010/2011 figure of 8,462 as indicated in Table 2.3.1 below. The number of private junior high schools is **3,231**, also showing a decrease of 0.5% over the 2010/2011 figure of 3,247. Thus, the total number of both public and private junior high schools is **11,567**, representing a decrease of 1.2% over the 2010/2011 figure of 11,709.

Table 2.3.1 Number of Junior High Schools by type of education, 2010/2011 - 2011/2012			
TYPE OF EDUCATION	NUMBER OF JHS		
	2010/2011	2011/2012	% Change
Public	8,462	8,336	-1.5
Private	3,247	3,231	-0.5
Total	11,709	11,567	-1.2

Regional distribution of junior high schools in Table 3.3.1, Map 3.3.1 and Chart 3.3.1 (pages 77 and 78) shows that the Ashanti Region exhibits the highest number of junior high schools (2,259) while the Upper West Region have the lowest number (352). For all regions, there are more public junior high schools than private ones with the exception of the Greater Accra Region.

2.3.2 Enrolment in Junior High Schools

As indicated in Table 2.3.2 below, enrolment in public junior high schools is **1,122,621**, showing an increase of 2.0% over the 2010/2011 figure of 1,100,671. Enrolment in private junior high schools is **262,746**, representing an increase of 11.9% over the 2010/2011 figure of 234,729. Thus, the total enrolment in both the public and private junior high schools is **1,385,367**, showing an increase of 3.7% when related to the 2010/2011 figure of 1,335,400.

Table 2.3.2 Enrolment in Junior High Schools by type of education, 2010/2011 - 2011/2012			
TYPE OF EDUCATION	ENROLMENT IN JHS		
	2010/2011	2011/2012	% Change
Public	1,100,671	1,122,621	2.0
Private	234,729	262,746	11.9
Total	1,335,400	1,385,367	3.7

Regional distribution of enrolment in junior high schools in Table 3.3.2, Map 3.3.2 and Chart 3.3.2 (pages 79 and 80) shows that the Ashanti Region exhibits the highest enrolment in junior high schools (283,070) while the Upper West Region has the lowest number (43,751). For all regions, enrolment in public junior high schools is higher than that of private ones. Also, enrolment of boys is higher than that of girls for almost all regions with the exception of the Greater Accra Region where the figure for girls is higher than that of boys.

2.3.3 Gross Enrolment Ratio in Junior High Schools

As already stated above and as presented in Table 2.3.3 below, the total enrolment in both the public and private junior high schools increased from 1,335,400 in 2010/2011 to **1,385,367** in 2011/2012 at a growth rate of 3.7%. The gross enrolment ratio (the proportion of children in school as a percentage of the population of the appropriate age) at junior high school also increased for children in age group 12-14 years from 79.6% in 2010/2011 to **80.6%** in 2011/2012 at a rate of 1.3%.

Table 2.3.3 Gross Enrolment Ratios in Junior High Schools, 2010/2011 - 2011/2012			
TYPE OF STATISTICS	GER IN JHS		
	2010/2011	2011/2012	% Change
Pop. 12-14yrs	1,678,222	1,718,507	2.4
JS1-3 Enrol.	1,335,400	1,385,367	3.7
GER	79.6	80.6	1.3

Regional distribution of gross enrolment ratio in junior high schools in Table 3.3.3, Map 3.3.3 and Chart 3.3.3 (pages 81 and 82) shows that the Central Region exhibits the highest gross enrolment ratio in junior high schools (93.4%) while the Eastern Region has the lowest ratio (71.2%). It is also observed in the table that gross enrolment ratio for boys is higher than that of girls for almost all regions with the exception of the Upper East and Upper West Regions where the figure for girls is higher than that of boys.

2.3.4 Net Enrolment Rate in Junior High Schools

As presented in Table 2.3.4 below, the total enrolment for 12- 14 year olds in both the public and private junior high schools increased from 772,979 in 2010/2011 to 792,491 in 2011/2012 at a growth rate of 2.5%. The net enrolment rate (proportion of appropriately aged children in school as a percentage of the population), however remained same in junior high school level for children in age group 12-14 years (**46.1%**) in 2011/2012.

Table 2.3.4 Net Enrolment Rates in Junior High Schools, 2010/2011 - 2011/2012			
TYPE OF STATISTICS	NER IN JHS		
	2010/2011	2011/2012	% Change
Pop. 12-14yrs	1,678,222	1,718,507	2.4
JS1-3 Enr.(12-14yrs)	772,979	792,491	2.5
NER	46.1	46.1	0.0

Regional distribution of net enrolment rate in junior high schools in Table 3.3.4, Map 3.3.4 and Chart 3.3.4 (pages 83 and 84) shows that the Central Region exhibits the highest net enrolment rate in junior high schools (54.1%) while the Upper East Region has the lowest rate (35.4%).

2.3.5 JH1 Enrolment in Junior High Schools

As shown in Table 2.3.5 below, enrolment in JH1 in public junior high schools is **424,935**, showing an increase of 2.7% over the 2010/2011 figure of 413,603. JH1 enrolment in private junior high schools is **97,747**, representing an increase of 13.5% when related to the 2010/2011 figure of 86,126. Thus, JH1 enrolment in both the public and private junior high schools is **522,682**, showing an increase of 4.6% over the 2010/2011 figure of 499,729.

TYPE OF EDUCATION	ENROLMENT IN JHS1		
	2010/2011	2011/2012	% Change
Public	413,603	424,935	2.7
Private	86,126	97,747	13.5
Total	499,729	522,682	4.6

Regional distribution of JH1 enrolment in junior high schools in Table 3.3.5, Map 3.3.5 and Chart 3.3.5 (pages 85 and 86) shows that the Ashanti Region exhibits the largest JH1 enrolment in junior high schools (105,494) while the Upper West Region has the smallest figure (17,089). It is also noted that boys' enrolment in JH1 is larger than that of girls for all regions with exception of the Greater Accra Region.

2.3.6 Gross Admission Ratio in Junior High Schools

As already stated above and as presented in Table 2.3.6 below, the JH1 enrolment in both the public and private junior high schools increased from 499,729 in 2010/2011 to **522,682** in 2011/2012 at a growth rate of 4.6%. The gross admission ratio at junior high school level for children at age 12 years also increased from 86.3% in 2010/2011 to **88.1%** in 2011/2012 at a rate of 2.1%.

TYPE OF EDUCATION	GAR IN JHS		
	2010/2011	2011/2012	% Change
Pop. 12yrs	579,328	593,223	2.4
JS1 Enrol.	499,729	522,682	4.6
GAR	86.3	88.1	2.1

Regional distribution of gross admission ratio in junior high schools in Table 3.3.6, Map 3.3.6 and Chart 3.3.6 (pages 87 and 88) shows that the Central Region exhibits the highest gross admission ratio in junior high schools (100.3%) while the Eastern Region has the lowest ratio (77.6%). It is noted that gross admission ratio for boys is higher than that of girls for most regions except the Upper East and Upper West Regions where the contrary situation persists.

2.3.7 Net Admission Rate in Junior High Schools

As presented in Table 2.3.7 below, the JH1 pupils aged 12 years in both the public and private junior high schools increased from 254,061 in 2010/2011 to **263,846** in 2011/2012 at a growth rate of 2.4%. The net admission rate at junior high school level for children at age 12 years also, increased from 43.9% in 2010/2011 to **44.5%** in 2011/2012 at a rate of 1.4%.

TYPE OF EDUCATION	NAR IN JHS		
	2010/2011	2011/2012	% Change
Pop. 12yrs	579,328	593,223	2.4
JS1 Enrol. (12yrs)	254,061	263,846	3.9
NAR	43.9	44.5	1.4

Regional distribution of net admission rate in junior high schools in Table 3.3.7, Map 3.3.7 and Chart 3.3.7 (pages 89 and 90) shows that the Central Region exhibits the highest net admission rate in junior high schools (52.5%) while the Upper East Region has the lowest rate (37.8%).

2.3.8 Percentage of Girls' Enrolment in Junior High Schools

As shown in Table 2.3.8 below, the percentage of girls' enrolment in public junior high schools increased from 46.5% in 2010/2011 to **46.8%** in 2011/2012. The percentage of girls' enrolment in private junior high schools also increased from 49.5% in 2010/2011 to **49.8%** in 2011/2012. The percentage of girls' enrolment in both public and private junior high schools increased from 47.0% in 2010/2011 to **47.4%** in 2011/2012.

TYPE OF EDUCATION	% OF GIRLS ENROLMENT		
	2010/2011	2011/2012	% Change
Public	46.5	46.8	0.7
Private	49.5	49.8	0.7
Total %	47.0	47.4	0.8

Regional distribution of percentage of girls' enrolment in junior high schools in Table 3.3.8, Map 3.3.8 and Chart 3.3.8 (pages 91 and 92) shows that the Greater Accra Region exhibits the highest percentage of girls' enrolment in junior high schools (51.1%) while the Northern Region has the lowest figure (42.5%).

2.3.9 Number of Teachers in Junior High Schools

As shown in Table 2.3.9 below, the total number of teachers in public junior high schools is **66,534**, representing an increase of 2.1% in relation to the 2010/2011 figure of 65,186. The total number of teachers in private junior high schools is **19,313**, representing an increase of 6.4% when related to the 2010/2011 figure of 18,153. The total number of teachers in both public and private junior high schools is **85,847**, representing an increase of 3.0% when compared with the 2010/2011 figure of 83,339.

TYPE OF EDUCATION	NUMBER OF TEACHERS		
	2010/2011	2011/2012	% Change
Public	65,186	66,534	2.1
Private	18,153	19,313	6.4
Total	83,339	85,847	3.0

Regional distribution of number of teachers in junior high schools in Table 3.3.9, Map 3.3.9 and Chart 3.3.9 (pages 93 and 94) shows that the Ashanti Region exhibits the largest number of teachers in junior high schools (14,625) while the Upper West Region has the smallest number (1,672).

2.3.10 Percentage of Trained Teachers in Junior High Schools

As presented in Table 2.3.10 below, the percentage of trained teachers in public junior high schools is **82.9%**, showing an increase of 5.7% when compared with the 2010/2011 figure of 78.4%. In private junior high schools however, the percentage of trained teachers is only **19.8%**, showing a decrease of 2.3% when related to the 2010/2011 figure of 20.3%. In both public and private junior high schools, the percentage of trained teachers is **68.7%**, showing an increase of 4.5% when compared with the 2010/2011 figure of 65.8%.

TYPE OF EDUCATION	% OF TRAINED TEACHERS		
	2010/2011	2011/2012	% Change
Public	78.4	82.9	5.7
Private	20.3	19.8	-2.3
Total	65.8	68.7	4.5

Regional distribution of percentage of trained teachers in junior high schools in Table 3.3.10, Map 3.3.10 and Chart 3.3.10 (pages 95 and 96) shows that the Northern Region exhibits the highest percentage of trained teachers in junior high schools (74.7%) while the Western Region has the lowest figure (54.1%).

2.3.11 Pupil/Teacher Ratio

As shown in Table 2.3.11 below, the pupil/teacher ratio (i.e. the number of pupils per teacher) in public junior high schools remained unchanged at **17:1** in 2011/2012, however in the private schools, the pupil/teacher ratio increased from 13:1 in 2010/2011 to **14:1** in 2011/2012. In both public and private schools, the pupil/teacher ratio remained unchanged at **16:1** in 2011/2012.

TYPE OF EDUCATION	PUPIL-TEACHER RATIO		
	2010/2011	2011/2012	% Change
Public	17	17	-0.1
Private	13	14	5.2
Total	16	16	0.0

Regional distribution of pupil/teacher ratio in junior high schools in Table 3.3.11, Map 3.3.11 and Chart 3.3.11 (pages 97 and 98) shows that the Northern and Upper East Regions exhibit the highest pupil/teacher ratio in junior high schools (21:1) while the Ashanti and Eastern Regions have the lowest figure (14:1).

2.3.12 Completion Rate in Junior High Schools

As shown in Table 2.3.12 below, the completion rates (i.e. the ratio of JH3 enrolment to the 14 year old population) for boys in junior high schools decreased from 70.9% in 2010/2011 to **70.4%** in 2011/2012. The completion rate for girls in junior high schools however increased from 62.8% in 2010/2011 to **63.0%** in 2011/2012. The completion rate for both boys and girls decreased from 66.9% in 2010/2011 to **66.8%** in 2011/2012.

SEX	COMPLETION RATE		
	2010/2011	2011/2012	% Change
Boys	70.9	70.4	-0.7
Girls	62.8	63.0	0.4
Total	66.9	66.8	-0.2

Regional distribution of completion rate in junior high schools in Table 3.3.12, Map 3.3.12 and Chart 3.3.12 (pages 99 and 100) shows that the Central Region exhibits the highest completion rate (80.2) while the Volta Region has the lowest figure (56.6).

2.3.13 Gender Parity Index in Junior High Schools

As shown in Table 2.3.13 below, the gender parity index (i.e. the ratio of girls' gross enrolment ratio as a proportion of boys' gross enrolment ratio) increased from 0.93 in 2010/2011 to **0.94** in 2011/2012. Showing an increase of **1.5%** in the gender parity from 2010/2011 to 2011/2012.

Table 2.3.13 Gender Parity in Junior High Schools 2010/2011 - 2011/2012			
SEX	GENDER PARITY		
	2010/2011	2011/2012	% Change
Boys GER	82.6	83.0	0.6
Girls GER	76.4	78.1	2.1
Parity	0.9	0.9	1.5

Regional distribution of the gender parity index in junior high schools in Table 3.3.12, Map 3.3.12 and Chart 3.3.12 (pages 101 and 102) shows that the Upper East Region exhibits the highest gender parity index (1.14) while the Northern Region has the lowest figure (0.87).