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Republic of Ghana



Report on Basic Statistics and Planning Parameters for Basic Education in Ghana 2008/2009

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shows the progress being made in the delivery of education in Ghana.

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SECTION ONE

INTRODUCTION

REPORT ON BASIC STATISTICS AND PLANNING PARAMETERS FOR BASIC EDUCATION IN GHANA - 2008/2009

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, Science and Sports 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 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 first census (2008/2009) 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 (2007/2008) 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. It should be noted that the definitions of indicators and their limitations are covered on page xv.

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 2008 has been provided in Section Four.

SECTION TWO

SUMMARY OF FINDINGS

2. SUMMARY OF FINDINGS

2.1 PRESCHOOLS

2.1.1 Number of Crèches and Nurseries

The number of public crèches and nurseries is **770**, representing an increase of 17.2% over the 2007/2008 figure of 657 as indicated in Table 2.1.1 below. The number of private crèches and nurseries is **3,385**, showing an increase of 14.9% over the 2007/2008 figure of 2,947. Thus, the total number of both public and private crèches and nurseries is **4,155**, representing an increase of 15.3% over the 2007/2008 figure of 3,604.

Table 2.1.1 Number of crèches and nurseries by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	NUMBER OF CRECHES/NURSERIES		
	2007/2008	2008/2009	% Change
Public	657	770	17.2%
Private	2,947	3,385	14.9%
Total	3,604	4,155	15.3%

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 (950) while the Upper West Region has the lowest number (39). For almost all regions there are more private crèches and nurseries than public ones with the exception of

the Upper East and Upper West Regions where there are more public crèches and nurseries than private ones.

2.1.2 Number of Kindergartens

The number of public kindergartens is **11,827**, representing an increase of 6.2% over the 2007/2008 figure of 11,140 as indicated in Table 2.1.2 below. The number of private kindergartens is **4,612**, showing an increase of 7.0% over the 2007/2008 figure of 4,309. Thus, the total number of both public and private kindergartens is **16,439**, representing an increase of 6.4% when compared to the 2007/2008 figure of 15,449.

Table 2.1.2 Number of kindergartens by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	NUMBER OF KINDERGARTENS		
	2007/2008	2008/2009	% Change
Public	11,140	11,827	6.2%
Private	4,309	4,612	7.0%
Total	15,449	16,439	6.4%

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 (3,023) while the Upper West Region has the lowest number (433). For almost all regions there are more public kindergartens than private ones with the exception of the

Greater Accra Region where there are more private kindergartens (986) than public ones (473).

2.1.3 Enrolment in Crèches and Nurseries

As indicated in Table 2.1.3 below, enrolment in public crèches and nurseries is **35,852**, showing an increase of 0.4% over the 2007/2008 figure of 35,715. Enrolment in private crèches and nurseries is **176,783**, representing an increase of 18.5% when compared with the 2007/2008 figure of 149,196. Thus, the total enrolment in both the public and private crèches and nurseries is **212,635**, showing an increase of 15.0% over the 2007/2008 figure of 184,911.

Table 2.1.3 Enrolment in crèches and nurseries by type of education, 2007/2008 – 2008/2009

TYPE OF EDUCATION	ENROLMENT IN CRECHES AND NURSERIES		
	2007/2008	2008/2009	% Change
Public	35,715	35,852	0.4%
Private	149,196	176,783	18.5%
Total	184,911	212,635	15.0%

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 (52,136) while the Upper West Region has the lowest enrolment (2,620).

2.1.4 Enrolment in Kindergartens

As indicated in Table 2.1.4 below, enrolment in public kindergartens is **1,079,973**, showing an increase of 6.1% over the 2007/2008 figure of 1,016,606. Enrolment in private kindergartens is **259,481**, representing an increase of 7.3% when compared with the 2007/2008 figure of 241,877. Thus, the total enrolment in both the public and private kindergartens is **1,338,454**, showing an increase of 6.4% over the 2007/2008 figure of 1,258,483.

Table 2.1.4 Enrolment in kindergarten by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	ENROLMENT IN KINDERGARTENS		
	2007/2008	2008/2009	% Change
Public	1,016,606	1,078,973	6.1%
Private	241,877	259,481	7.3%
Total	1,258,483	1,338,454	6.4%

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 (258,702) while the Upper West Region has the lowest enrolment (38,322).

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 184,911 in 2007/2008 to 212,635 in 2008/2009, at a growth rate of 15.0%. 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 also increased at a rate of 12.0% from 7.0% in 2007/2008 to **7.9%** in 2008/2009.

Table 2.1.5 Gross Enrolment Ratio in crèches and nurseries, 2007/2008 - 2008/2009

TYPE OF STATISTICS	GER STATISTICS IN CRECHES/NURSERIES		
	2007/2008	2008/2009	% Change
Pop. 0-3yrs	2,634,760	2,705,885	2.7%
Crèche & Nur. Enr.	184,911	212,635	15.0%
GER	7.0	7.9	12.0%

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 (13.8%) while the Upper West Region has the lowest GER (3.2%).

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 1,258,483 in 2007/2008 to 1,338,454 in 2008/2009 at a growth rate of 6.4%. The gross enrolment ratio at kindergarten level for children in age group 4-5 years also increased at a rate of 3.6% from 89.7% in 2007/2008 to **92.9%** in 2008/2009.

Table 2.1.6 Gross Enrolment Ratio in kindergartens, 2007/2008 - 2008/2009

TYPE OF STATISTICS	GER STATISTICS IN KINDERGARTEN		
	2007/2008	2008/2009	% Change
Pop. 4-5yrs	1,403,549	1,441,443	2.7%
Kindergarten Enr.	1,258,483	1,338,454	6.4%
GER	89.7	92.9	3.6%

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 Brong Ahafo Region has the highest GER (121.9%) while the Greater Accra Region has the lowest GER (55.5%).

2.1.7 Share of Girls' Enrolment in Crèches and Nurseries

The percentage share of girls' enrolment in public crèches and nurseries remained at **49.9%** from 2007/2008 to 2008/2009. The percentage share of girls' enrolment in private schools decreased from 49.6% in 2007/2008 to **49.4%** in 2008/2009 at a rate of 0.4%. The share of girls' enrolment in both public and private crèches and nurseries is **49.5%** showing a decrease of 0.2% when compared with the 2007/2008 figure of 49.6%.

Table 2.1.7 Percentage Share of Girls' Enrolment in crèches and nurseries, 2007/2008 - 2008/2009

TYPE OF EDUCATION	% OF GIRLS ENROLMENT		
	2007/2008	2008/2009	% Change
Public	49.9	49.9	0.0%
Private	49.6	49.4	-0.4%
Total	49.6	49.5	-0.2%

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 Eastern Region has the largest percentage of girls' enrolment (50.4%) while the Upper West Region has the lowest percentage of girls' enrolment (48.5%).

2.1.8 Share of Girls' Enrolment in Kindergartens

The percentage share of girl's enrolment in public kindergartens remained at **49.8%** from 2007/2008 to 2008/2009. The percentage share of private girls' enrolment increased from 49.4% in 2007/2008 to **49.6%** in 2008/2009 representing a change of 0.5%. The share of girls' enrolment in both public and private kindergartens increased from 49.7% in 2007/2008 to **49.8%** in 2008/2009 representing a change of 0.2%.

Table 2.1.8 Percentage Share of Girls' Enrolment in kindergartens 2007/2008 - 2008/2009

TYPE OF EDUCATION	% OF GIRLS ENROLMENT		
	2007/2008	2008/2009	% Change
Public	49.8	49.8	0.1%
Private	49.4	49.6	0.5%
Total	49.7	49.8	0.2%

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 (50.6%) while the Northern Region has the lowest percentage of girls' enrolment (48.8%).

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 **1,032**, representing an increase of 11.1% over the 2007/2008 figure of 929. The total number of teachers in private crèches and nurseries is **6,170**, representing an increase of 6.7% when related to the 2007/2008 figure of 5,781. The total number of teachers in both public and private crèches and nurseries is **7,202**, representing an increase of 7.3% over the 2007/2008 figure of 6,710.

Table 2.1.9 Number of teachers in crèches and nurseries by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	NUMBER OF TEACHERS		
	2007/2008	2008/2009	% Change
Public	929	1,032	11.1%
Private	5,781	6,170	6.7%
Total	6,710	7,202	7.3%

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 (1,832) while the Upper West Region has the lowest number of teachers (58).

2.1.10 Number of Teachers in Kindergartens

As shown in Table 3.1.10 below, the total number of teachers in public kindergartens is **29,411**, representing an increase of 7.2% over the 2007/2008 figure of 27,437. The total number of teachers in private kindergartens is **8,302**, representing an increase of 0.0% when compared with the 2007/2008 figure of 8,299. The total number of teachers in both public and private kindergartens is **37,713**, representing an increase of 5.5% over the 2007/2008 figure of 35,736.

Table 2.1.10 Number of teachers in kindergartens by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	NUMBER OF TEACHERS		
	2007/2008	2008/2009	% Change
Public	27,437	29,411	7.2%
Private	8,299	8,302	0.0%
Total	35,736	37,713	5.5%

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 (7,582) while the Upper West Region has the lowest number of teachers (834).

2.1.11 Percentage of Trained Teachers in Crèches and Nurseries

The percentage of trained teachers in public crèches and nurseries is **20.8%**, showing a decrease of 16.0% when compared with the 2007/2008 figure of 24.8% as shown in Table 2.1.11 below. In private crèches and nurseries also, the percentage of trained teachers is only **5.2%**, showing a decrease of 10.0% when related to the 2007/2008 figure of 5.8%. In both public and private crèches and nurseries, the percentage of trained teachers is **7.5%**, representing a decrease of 12.3% when compared to the 2007/2008 figure of 8.5%.

Table 2.1.11 Percentage of trained teachers in crèches and nurseries, 2007/2008 - 2008/2009

TYPE OF EDUCATION	% OF TRAINED TEACHERS		
	2007/2008	2008/2009	% Change
Public	24.8	20.8	-16.0%
Private	5.8	5.2	-10.0%
Total	8.5	7.5	-12.3%

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 has the highest percentage of trained teachers (11.7%) while the Upper West Region has the lowest figure (0.0%).

2.1.12 Percentage of Trained Teachers in Kindergarten

The percentage of trained teachers in public kindergartens is **31.3%**, showing an increase of 1.3% over the 2007/2008 figure of 30.9% as shown in Table 2.1.12 below. In private kindergartens, however, the percentage of trained teachers is only **6.8%**, showing a decrease of 3.6% when compared to the 2007/2008 figure of 7.1%. In both public and private kindergartens, the percentage of trained teachers is **25.9%**, representing an increase of 2.4% over the 2007/2008 figure of 25.3%.

Table 2.1.12 Percentage of trained teachers in kindergartens, 2007/2008 - 2008/2009

TYPE OF EDUCATION	% OF TRAINED TEACHERS		
	2007/2008	2008/2009	% Change
Public	30.9	31.3	1.3%
Private	7.1	6.8	-3.6%
Total	25.3	25.9	2.4%

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 (38.4%) while the Western Region has the lowest figure (13.4%).

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 decreased from 38:1 in 2007/2008 to **35:1** in 2008/2009. In the private crèches and nurseries, however, pupil/teacher ratio increased from 26:1 in 2007/2008 to **29:1** in 2008/2009. In both public and private crèches also, the pupil/teacher ratio increased from 28:1 in 2007/2008 to **30:1** in 2008/2009.

Table 2.1.13 Pupil-Teacher Ratios in crèches and nurseries by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	PUPIL-TEACHER RATIO		
	2007/2008	2008/2009	% Change
Public	38	35	-8.6%
Private	26	29	10.2%
Total	28	30	5.4%

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 (45:1) while the Greater Accra Region has the lowest figure (24:1).

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 remained the same at **37:1** from 2007/2008 to 2008/2009. In the private kindergartens, pupil/teacher ratio increased from 29:1 in 2007/2008 to **31:1** in 2008/2009. In both public and private kindergartens, pupil/teacher ratio remained the same at **35:1** from 2007/2008 to 2008/2009.

Table 2.1.14 Pupil-Teacher Ratios in kindergartens by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	PUPIL-TEACHER RATIO		
	2007/2008	2008/2009	% Change
Public	37	37	-0.8%
Private	29	31	7.8%
Total	35	35	1.4%

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 Upper East Region has the highest pupil/teacher ratio (57:1) while the Brong Ahafo and Greater Accra Region has the lowest figure (30:1).

2.2 PRIMARY SCHOOLS

2.2.1 Number of Primary Schools

The number of public primary schools is **13,510**, representing an increase of 2.0% over the 2007/2008 figure of 13,247 as indicated in Table 2.2.1 below. The number of private primary schools is **4,371**, showing an increase of 7.4% when compared to the 2007/2008 figure of 4,068. Thus, the total number of both public and private primary schools is **17,881**, representing an increase of 3.3% over the 2007/2008 figure of 17,315.

Table 2.2.1 Number of primary schools by type of education, 2007/2008 – 2008/2009

TYPE OF EDUCATION	NUMBER OF PRIMARY SCHOOLS		
	2007/2008	2008/2009	% Change
Public	13,247	13,510	2.0%
Private	4,068	4,371	7.4%
Total	17,315	17,881	3.3%

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 (3,180) while the Upper West Region has the lowest number (520). 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 **3,041,895**, showing an increase of 1.7% over the 2007/2008 figure of 2,990,773. Enrolment in private primary schools is **668,752**, representing an increase of 7.0% when compared with the 2007/2008 figure of 625,250. Thus, the total enrolment in both the public and private primary schools is **3,710,647**, showing an increase of 2.6% when related to the 2007/2008 figure of 3,616,023.

Table 2.2.2 Enrolment in primary schools by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	ENROLMENT IN PRIMARY SCHOOLS		
	2007/2008	2008/2009	% Change
Public	2,990,773	3,041,895	1.7%
Private	625,250	668,752	7.0%
Total	3,616,023	3,710,647	2.6%

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 (697,293) while the Upper West Region has the lowest enrolment (131,560). 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 3,616,023 in 2007/2008 to 3,710,647 in 2008/2009 at a growth rate of 2.6%. The gross enrolment ratio at primary school level for children in age group 6-11 years, however, decreased slightly from 95.0% in 2007/2008 to **94.9%** in 2008/2009.

Table 2.2.3 Gross Enrolment Ratios in primary schools, 2007/2008 - 2008/2009

TYPE OF STATISTICS	GER STATISTICS IN PRIMARY SCHOOLS		
	2007/2008	2008/2009	% Change
Pop. 6-11yrs	3,807,555	3,910,349	2.7%
P1-6 Enrol.	3,616,023	3,710,647	2.6%
GER	95.0	94.9	-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 (107.7%) while the Greater Accra Region has the lowest figure (85.9%).

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 3,156,731 in 2007/2008 to 3,461,087 in 2008/2009 at a growth rate of 9.6%. Also, the net enrolment rate at primary school level for children in age group 6-11 years increased from 82.9% in 2007/2008 to **88.5%** in 2008/2009 at a rate of 6.8%.

Table 2.2.4 Net Enrolment Rate in primary schools, 2007/2008 - 2008/2009

TYPE OF STATISTICS	NER STATISTICS IN PRIMARY SCHOOLS		
	2007/2008	2008/2009	% Change
Pop. 6-11yrs	3,807,555	3,910,349	2.7%
P1-6 Enrol. (6-11yrs)	3,156,731	3,461,087	9.6%
NER	82.9	88.5	6.8%

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 (103.6%) while the Upper West Region has the lowest figure (79.1%).

2.2.5 Enrolment in Primary One

As shown in Table 2.2.5 below, Primary One enrolment in public primary schools is **598,308**, showing a decrease of 2.8% when compared to the 2007/2008 figure of 615,311. Primary One enrolment in private primary schools is **131,083**, representing an increase of 5.3% over the 2007/2008 figure of 124,513. Thus, the total enrolment in both the public and private primary schools is **729,391**, showing a decrease of 1.4% when related to the 2007/2008 figure of 739,824.

Table 2.2.5 Enrolment in Primary One by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	ENROLMENT IN PRIMARY ONE		
	2007/2008	2008/2009	% Change
Public	615,311	598,308	-2.8%
Private	124,513	131,083	5.3%
Total	739,824	729,391	-1.4%

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 (132,320) while the Upper West Region has the lowest figure (29,528). It is also observed in the table that boys' enrolment in Primary One is higher than that of girls for almost all regions with the exception of the Greater Accra Region and Upper West Regions.

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 decreased from 739,824 in 2007/2008 to 729,391 in 2008/2009 at a growth rate of -1.4%. The gross admission ratio at primary school level for children at age 6 years also decreased from 107.1% in 2007/2008 to **102.9%** in 2008/2009 at a rate of -3.9%.

Table 2.2.6 Gross Admission Ratios in primary schools 2007/2008 - 2008/2009

TYPE OF STATISTICS	GAR STATISTICS IN PRIMARY SCHOOLS		
	2007/2008	2008/2009	% Change
Pop. 6yrs	690,655	708,872	2.6%
P1 Enrol.	739,824	729,391	-1.4%
GAR	107.1	102.9	-3.9%

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 (118.0%) while the Greater Accra Region has the lowest figure (84.6%).

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 510,236 in 2007/2008 to 510,976 in 2008/2009 at a growth rate of 0.1%. However, the net admission rate at primary school level for children at age 6 years decreased from 73.9% in 2007/2008 to **72.1%** in 2008/2009 at a rate of -2.4%.

Table 2.2.7 Net Admission Rate in primary schools 2007/2008 - 2008/2009

TYPE OF STATISTICS	NAR STATISTICS IN PRIMARY SCHOOLS		
	2007/2008	2008/2009	% Change
Pop. 6yrs	690,655	708,872	2.6%
P1 Enrol. (6yr old)	510,236	510,976	0.1%
NAR	73.9	72.1	-2.4%

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 Brong Ahafo Region exhibits the highest net admission rate in primary schools (87.9%) while the Upper West Region has the lowest figure (51.3%).

2.2.8 Share of Girls' Enrolment in Primary Schools

The percentage share of girls' enrolment in public primary schools remained the same at **48.4%** from 2007/2008 to 2008/2009 as shown in Table 2.2.8 below. In private primary schools also, the percentage share of girls' enrolment remained the same at **49.5%** from 2007/2008 to 2008/2009. The share of girls' enrolment in both public and private primary schools also remained the same at **48.6%** from 2007/2008 to 2008/2009.

Table 2.2.8 Percentage Share of Girls' Enrolment in primary schools 2007/2008 - 2008/2009

TYPE OF EDUCATION	% OF GIRLS ENROLMENT		
	2007/2008	2008/2009	% Change
Public	48.4	48.4	0.0%
Private	49.5	49.5	-0.1%
Total	48.6	48.6	-0.1%

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 (51.0%) while the Northern Region has the lowest figure (45.9%).

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 **88,994**, representing an increase of 1.5% over the 2007/2008 figure of 87,665. The total number of teachers in private primary schools is **25,427**, representing an increase of 2.6% when compared with the 2007/2008 figure of 24,778. The total number of teachers in both public and private primary schools is **114,421**, representing an increase of 1.8% over the 2007/2008 figure of 112,443.

Table 2.2.9 Number of teachers in primary schools by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	NUMBER OF TEACHERS		
	2007/2008	2008/2009	% Change
Public	87,665	88,994	1.5%
Private	24,778	25,427	2.6%
Total	112,443	114,421	1.8%

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 (23,130) while the Upper West Region has the smallest figure (3,159).

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 **58.4%**, showing a decrease of 1.6% when compared with the 2007/2008 figure of 59.4%. In private primary schools also, percentage of trained teachers decreased from 12.4% in 2007/2008 to **11.6%** in 2008/2009 at a rate of 6.8%. In both public and private primary schools, percentage of trained teachers is **48.0%**, representing a decrease of 2.2% when compared with the 2007/2008 figure of 49.1%.

Table 2.2.10 Percentage of trained teachers in primary schools, 2007/2008 - 2008/2009

TYPE OF EDUCATION	% OF TRAINED TEACHERS		
	2007/2008	2008/2009	% Change
Public	59.4	58.4	-1.6%
Private	12.4	11.6	-6.8%
Total	49.1	48.0	-2.2%

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 Volta Region exhibits the highest percentage of trained teachers (60.2%) while the Northern Region has the lowest figure (32.1%).

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 the same at **34:1** from 2007/2008 to 2008/2009. In the private schools, however, the pupil/teacher ratio increased from 25:1 in 2007/2008 to **26:1** in 2008/2009. In both public and private schools, the pupil/teacher ratio remained the same at **32:1** from 2007/2008 to 2008/2009.

Table 2.2.11 Pupil-Teacher Ratios in primary schools by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	PUPIL-TEACHER RATIO		
	2007/2008	2008/2009	% Change
Public	34	34	0.5%
Private	25	26	5.2%
Total	32	32	1.3%

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 (48:1) while the Eastern Region has 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 remained the same at **74.0%** from 2007/2008 to 2008/2009. The completion rate for girls in primary schools, however, increased from 82.3% in 2007/2008 to **85.5%** in 2008/2009. The completion rate for both sexes also increased from 85.5% in 2007/2008 to **88.7%** in 2008/2009.

Table 2.2.12 Completion Rate in primary schools by sex, 2007/2008 - 2008/2009

SEX	COMPLETION RATE		
	2007/2008	2008/2009	% Change
Boys	74.0	74.0	0.0%
Girls	82.3	85.5	3.9%
Total	85.5	88.7	3.7%

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 (102.4%) while the Volta Region has the lowest figure (83.3%).

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) overall increased. The gender parity index remained the same at **0.96** from 2007/2008 to 2008/2009.

Table 2.2.12 Gender Parity in primary schools, 2007/2008 - 2008/2009

SEX	GENDER PARITY INDEX		
	2007/2008	2008/2009	% Change
Boys GER	94.00	96.97	3.2%
Girls GER	89.90	92.79	3.2%
Gender Parity Index	0.96	0.96	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 (0.87).

2.3 JUNIOR HIGH SCHOOLS

2.3.1 Number of Junior High Schools

The number of public junior high schools is **7,656**, representing an increase of 3.1% over the 2007/2008 figure of 7,423 as indicated in Table 2.3.1 below. The number of private junior high schools is **2,557**, showing an increase of 10.3% over the 2007/2008 figure of 2,319. Thus, the total number of both public and private junior high schools is **10,213**, representing an increase of 4.8% over the 2007/2008 figure of 9,742.

Table 2.3.1 Number of Junior High Schools by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	NUMBER OF JHS		
	2007/2008	2008/2009	% Change
Public	7,423	7,656	3.1%
Private	2,319	2,557	10.3%
Total	9,742	10,213	4.8%

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 (1,939) while the Upper East Region has the lowest number (287). 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 **1,064,088**, showing an increase of 4.8% over the 2007/2008 figure of 1,015,489. Enrolment in private junior high schools is **221,489**, representing an increase of 6.2% over the 2007/2008 figure of 208,521. Thus, the total enrolment in both the public and private junior high schools is **1,285,577**, showing an increase of 5.0% when related to the 2007/2008 figure of 1,224,010.

Table 2.3.2 Enrolment in Junior High Schools by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	ENROLMENT IN JHS		
	2007/2008	2008/2009	% Change
Public	1,015,489	1,064,088	4.8%
Private	208,521	221,489	6.2%
Total	1,224,010	1,285,577	5.0%

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 (261,585) while the Upper West Region has the lowest number (36,580). For all regions, enrolment in public junior high schools is higher than that of private ones.

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 1,224,010 in 2007/2008 to 1,285,577 in 2008/2009 at a growth rate of 5.0%. The gross enrolment ratio (the proportion of children in school as a percentage of the population of the appropriate age) at junior high school increased for children in age group 12-14 years from 78.8% in 2007/2008 to **80.6%** in 2008/2009 at a rate of 2.3%.

Table 2.3.3 Gross Enrolment Ratios in Junior High Schools, 2007/2008 - 2008/2009

TYPE OF STATISTICS	GER STATISTICS IN JHS		
	2007/2008	2008/2009	% Change
Pop. 12-14yrs	1,553,667	1,595,620	2.7%
JS1-3 Enrol.	1,224,010	1,285,577	5.0%
GER	78.8	80.6	2.3%

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 (97.2%) while the Northern Region has the lowest ratio (67.4%). 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 decreased from 822,663 in 2007/2008 to 730,309 in 2008/2009 at a growth rate of -11.2%. The net enrolment rate (proportion of appropriately aged children in school as a percentage of the population) also decreased. It decreased at junior high school level for children in age group 12-14 years from 52.9% in 2007/2008 to **47.8%** in 2008/2009 at a rate of 9.7%.

Table 2.3.4 Net Enrolment Rates in Junior High Schools, 2007/2008 - 2008/2009

TYPE OF STATISTICS	NER STATISTICS IN JHS		
	2007/2008	2008/2009	% Change
Pop. 12-14yrs	1,553,667	1,595,620	2.7%
JS1-3 Enr.(12-14yrs old)	822,663	762,898	-7.3%
NER	52.9	47.8	-9.7%

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 (70.6%) while the Upper East Region has the lowest rate (28.7%).

2.3.5 JS1 Enrolment in Junior Secondary Schools

As shown in Table 2.3.5 below, enrolment in JS1 in public junior high schools is **386,586**, showing an increase of 2.1% over the 2007/2008 figure of 378,579. JS1 enrolment in private junior high schools is **79,172**, representing an increase of 6.2% when related to the 2007/2008 figure of 74,568. Thus, JS1 enrolment in both the public and private junior high schools is **465,758**, showing an increase of 2.8% over the 2007/2008 figure of 453,147.

Table 2.3.5 Enrolment in JS1 by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	ENROLMENT IN JS1		
	2007/2008	2008/2009	% Change
Public	378,579	386,586	2.1%
Private	74,568	79,172	6.2%
Total	453,147	465,758	2.8%

Regional distribution of JS1 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 JS1 enrolment in junior secondary schools (93,051) while the Upper West Region has the smallest figure (13,879). It is also noted that boys' enrolment in JS1 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 453,147 in 2007/2008 to 465,758 in 2008/2009 at a growth rate of 2.8%. The gross admission ratio at junior high school level for children at age 12 years also increased from 84.5% in 2007/2008 to **84.6%** in 2008/2009 at a rate of 0.1%.

Table 2.3.6 Gross Admission Ratios in Junior High Schools, 2007/2008 - 2008/2009

TYPE OF EDUCATION	GAR STATISTICS IN JHS		
	2007/2008	2008/2009	% Change
Pop. 12yrs	536,225	550,694	2.7%
JS1 Enrol.	453,147	465,758	2.8%
GAR	84.5	84.6	0.1%

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 (100.5%) while the Northern Region has the lowest ratio (70.6%). 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 decreased from 238,370 in 2007/2008 to 183,134 in 2008/2009 at a growth rate of -23.2%. The net admission rate at junior high school level for children at age 12 years also, decreased from 44.5% in 2007/2008 to **33.3%** in 2008/2009 at a rate of 25.2%.

Table 2.3.7 Net Admission Rates in Junior High Schools, 2007/2008 - 2008/2009

TYPE OF EDUCATION	NAR STATISTICS IN JHS		
	2007/2008	2008/2009	% Change
Pop. 12yrs	536,225	550,694	2.7%
JS1 Enrol.	238,370	240,188	0.8%
NAR	44.5	43.6	-1.9%

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 Greater Accra Region exhibits the highest net admission rate in junior high schools (68.0%) while the Upper East and Upper West Regions have the lowest rate (28.5%).

2.3.8 Share of Girls' Enrolment in Junior High Schools

As shown in Table 2.3.8 below, the percentage share of girls' enrolment in public junior high schools remained the same at **46.2%** from 2007/2008 to 2008/2009. The share girls' enrolment in private junior high schools also remained the same at **49.3%** from 2007/2008 to 2008/2009. The share of girls' enrolment in both public and private junior high schools remained the same at **46.7%** from 2007/2008 to 2008/2009.

Table 2.3.8 Percentage Share of Girls Enrolment in Junior High Schools, 2007/2008 - 2008/2009

TYPE OF EDUCATION	% OF GIRLS ENROLMENT		
	2007/2008	2008/2009	% Change
Public	46.2	46.2	-0.1%
Private	49.3	49.3	0.1%
Total %	46.7	46.7	0.0%

Regional distribution of percentage share 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 (50.5%) while the Northern Region has the lowest figure (41.0%).

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 **59,214**, representing an increase of 1.5% over the 2007/2008 figure of 58,357. The total number of teachers in private junior high schools is **16,195**, representing an increase of 5.9% when related to the 2007/2008 figure of 15,299. The total number of teachers in both public and private junior high schools is **75,409**, representing an increase of 2.4% when compared with the 2007/2008 figure of 73,656.

Table 2.3.9 Number of teachers in Junior High Schools by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	NUMBER OF TEACHERS		
	2007/2008	2008/2009	% Change
Public	58,357	59,214	1.5%
Private	15,299	16,195	5.9%
Total	73,656	75,409	2.4%

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 (16,535) while the Upper West Region has the smallest number (2,000).

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 **76.7%**, showing an increase of 0.4% over the 2007/2008 figure of 76.4%. In private junior high schools, however, the percentage of trained teachers is only **22.0%**, showing a decrease of 1.8% when related to the 2007/2008 figure of 22.4%. In both public and private junior high schools, the percentage of trained teachers is **65.0%**, showing a decrease of 0.4% when related to the 2007/2008 figure of 65.2%.

Table 2.3.10 Percentage of trained teachers in Junior High Schools, 2007/2008 - 2008/2009

TYPE OF EDUCATION	% OF TRAINED TEACHERS		
	2007/2008	2008/2009	% Change
Public	76.4	76.7	0.4%
Private	22.4	22.0	-1.8%
Total	65.2	65.0	-0.4%

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 Volta Region exhibits the highest percentage of trained teachers in junior secondary schools (70.0%) while the Western Region has the lowest figure (52.8%).

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 increased from 17:1 in 2007/2008 to **18:1** in 2008/2009, and in the private schools, the pupil/teacher ratio remained at **14:1** from 2007/2008 to 2008/2009. In both public and private schools, the pupil/teacher ratio remained at **17:1** from 2007/2008 to 2008/2009.

Table 2.3.11 Pupil-Teacher Ratio in Junior High Schools by type of education, 2007/2008 - 2008/2009

TYPE OF EDUCATION	PUPIL-TEACHER RATIO		
	2007/2008	2008/2009	% Change
Public	17	18	5.7%
Private	14	14	-2.3%
Total	17	17	0.3%

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 Upper East Region exhibit the highest pupil/teacher ratio in junior high schools (22:1) while the Eastern Region has the lowest figure (15:1).

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 increased from 72.3% in 2007/2008 to **79.7%** in 2008/2009. The completion rate for girls in junior high schools also increased from 62.8% in 2007/2008 to **70.1%** in 2008/2009. The completion rate for both boys and girls increased from 67.7% in 2007/2008 to **75.0%** in 2008/2009.

Table 2.3.12 Completion Rate in Junior High Schools by type of education, 2007/2008 - 2008/2009

SEX	COMPLETION RATE		
	2007/2008	2008/2009	% Change
Boys	72.3	79.7	10.2%
Girls	62.8	70.1	11.7%
Total	67.7	75.0	10.8%

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 (92.9) while the Northern Region has the lowest figure (60.5).

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) remained the same. The gender parity remained the same at **0.92** from 2007/2008 to 2008/2009.

Table 2.3.13 Gender Parity in Junior High Schools 2007/2008 - 2008/2009

SEX	GENDER PARITY		
	2007/2008	2008/2009	% Change
Boys GER	82.17	84.05	2.3%
Girls GER	75.25	76.93	2.2%
Parity	0.92	0.92	-0.1%

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 (1.09) while the Northern Region has the lowest figure (0.82).