



MINISTRY OF EDUCATION, YOUTH AND SPORTS
Statistics, Research, Information Management and Public Relations (SRIMPR)
Division

**REPORT ON BASIC STATISTICS
AND
PLANNING PARAMETERS
FOR BASIC EDUCATION IN GHANA
2003/2004**

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EMIS PROJECT

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SECTION ONE

INTRODUCTION

REPORT ON BASIC STATISTICS AND PLANNING PARAMETERS FOR BASIC EDUCATION IN GHANA - 2003/2004

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, Youth 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.

Through the EMIS, a strong database has been established within the Ministry of Education. Fifteen school censuses have so far been conducted since 1988 and the reports on them are available in the Ministry.

This report covers the sixteenth census of the pre-tertiary level institutions conducted to provide and upgrade basic data and planning parameters on enrolment, teaching staff, school facilities and examination results. 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 (2002/2003) 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 secondary schools. The arrangement of tables followed immediately by maps and charts has been used to facilitate visualisation of the concepts been presented.

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

An analysis of BECE results of the year 2003 has been provided in Section Four.

SECTION TWO

SUMMARY OF FINDINGS

2. SUMMARY OF FINDINGS

2.1 PRESCHOOLS

2.1.1 Number of Preschools (including Kindergarten)

The number of public preschools is **6,163** representing a decrease of 1.8% when compared to the 2002/2003 figure of 6,278 as indicated in Table 2.1.1 below. The number of private preschools is **3,171** showing an increase of 16.7% over the 2002/2003 figure of 2,717. Thus, the total number of both public and private preschools is **9,334** representing an increase of 3.8% when compared to the 2002/2003 figure of 8,995.

Table 2.1.1 Number of preschools by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | NUMBER OF PRESCHOOLS | | |
|-------------------|----------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 6,278 | 6,163 | - 1.8 |
| Private | 2,717 | 3,171 | 16.7 |
| Total | 8,995 | 9,334 | 3.8 |

Regional distribution of preschools in Table 3.1.1, Map 3.1.1 and Chart 3.1.1 (pages 16 and 17) shows that the Ashanti Region exhibits the highest number of preschools (1,849) while the Upper West Region has the lowest number (148).

For almost all regions there are more public preschools than private ones with the exception of the Greater Accra Region where there are more private preschools (560) than public ones (176).

2.1.2 Number of Kindergarten

The number of public kindergarten is **4,942** representing a decrease of 0.4% when compared to the 2002/2003 figure of 4,961 as indicated in Table 2.1.2 below. The number of private kindergarten is **1,240** showing an increase of 17.0% over the 2002/2003 figure of 1,060. Thus, the total number of both public and private preschools is **6,182** representing an increase of 2.7% when compared to the 2002/2003 figure of 6,021.

Table 2.1.2 Number of kindergarten by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | NUMBER OF PRESCHOOLS | | |
|-------------------|----------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 4,961 | 4,942 | - 0.4 |
| Private | 1,060 | 1,240 | 17.0 |
| Total | 6,021 | 6,182 | 2.7 |

Regional distribution of kindergarten in Table 3.1.2, Map 3.1.2 and Chart 3.1.2 (pages 16 and 17) shows that the Ashanti Region exhibits the highest number of kindergarten (1,320) while the Upper East Region has the lowest number (49). For

almost all regions there are more public kindergarten than private ones with the exception of the Greater Accra Region where there are more private kindergarten (131) than public ones (106).

2.1.3 Enrolment in Preschools

As indicated in Table 2.1.3 below, enrolment in public preschools is **519,957** showing an increase of 0.6% over the 2002/2003 enrolment of 516,734. Enrolment in private preschools is **297,715** representing an increase of 18.1% when compared with the 2002/2003 figure of 252,084. Thus, the total enrolment in both the public and private preschools is **817,672** showing an increase of 6.4% when related to the 2002/2003 enrolment of 768,818.

Table 2.1.3 Enrolment in preschools by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | ENROLMENT IN PRESCHOOLS | | |
|-------------------|-------------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 516,734 | 519,957 | 0.6 |
| Private | 252,084 | 297,715 | 18.1 |
| Total | 768,818 | 817,672 | 6.4 |

Regional distribution of enrolment in preschools in Table 3.1.3, Map 3.1.3 and Chart 3.1.3 (pages 18 and 19) shows that the Ashanti Region exhibits the highest enrolment in

preschools (160,815) while the Upper West Region has the lowest enrolment (17,323). For almost all regions, boys enrolment exceeds girls enrolment with the exception of the Upper East Region where girls enrolment is higher than boys enrolment.

2.1.4 Enrolment in Kindergarten

As indicated in Table 2.1.4 below, enrolment in public preschools is **453,561** showing an increase of 2.7% over the 2002/2003 enrolment of 441,520. Enrolment in private preschools is **183,554** representing an increase of 17.6% when compared with the 2002/2003 figure of 156,145. Thus, the total enrolment in both the public and private preschools is **637,115** showing an increase of 6.6% when related to the 2002/2003 enrolment of 597,665.

Table 2.1.4 Enrolment in kindergarten by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | ENROLMENT IN KINDERGARTEN | | |
|-------------------|---------------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 441,520 | 453,561 | 2.7 |
| Private | 156,145 | 183,554 | 17.6 |
| Total | 597,665 | 637,115 | 6.6 |

Regional distribution of enrolment in preschools in Table 3.1.4, Map 3.1.4 and Chart 3.1.4 (pages 18 and 19) shows that the Ashanti Region exhibits the highest enrolment in preschools (130,679) while the Upper West Region has the lowest enrolment (8,104). For almost all regions, boys enrolment exceeds girls enrolment with the exception of the Upper East Region where girls enrolment is higher than boys enrolment.

2.1.5 Gross Enrolment Ratio in Preschools

As already stated above and as indicated in Table 2.1.5 below, the total enrolment in both the public and private preschools increased from 768,818 in 2002/2003 to **817,672** in 2003/2004 at a growth rate of **6.4%**. The gross enrolment ratio at preschool level for children in age group 0-5 years also increased at a rate of **3.6%** from 21.8% in 2002/2003 to **22.5%** in 2003/2004.

**Table 2.1.5 Gross Enrolment Ratios in preschools
2002/2003 - 2003/2004**

| TYPE OF EDUCATION | GER STATISTICS IN PRESCHOOLS | | |
|-------------------|------------------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Pop. 0-5yrs | 3,532,849 | 3,628,241 | 2.7 |
| Preschool Enr. | 768,818 | 817,672 | 6.4 |
| GER | 21.8 | 22.5 | 3.6 |

In Table 3.1.5, Map 3.1.5 and Chart 3.1.5 (pages 20 and 21), regional distribution of GER in preschool is presented. It is observed that the Central Region has the highest GER (28.1%) while the Upper West Region has the lowest GER (15.1%). Apart from the Upper East Region where GER for girls exceeds that of boys, all the remaining nine regions have higher GER for boys than that of girls.

2.1.6 Gross Enrolment Ratio in Kindergarten

As already stated above and as indicated in Table 2.1.6 below, the total enrolment in both the public and private kindergarten increased from 597,665 in 2002/2003 to **637,115** in 2003/2004 at a growth rate of **6.6%**. The gross enrolment ratio at kindergarten level for children in age group 4-5 years also increased at a rate of **3.8%** from 48.7% in 2002/2003 to **50.6%** in 2003/2004.

**Table 2.1.6 Gross Enrolment Ratios in kindergarten
2002/2003 - 2003/2004**

| TYPE OF EDUCATION | GER STATISTICS IN PRESCHOOLS | | |
|-------------------|------------------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Pop. 4-5yrs | 1,226,662 | 1,259,784 | 2.7 |
| Kindergarten Enr. | 597,665 | 637,115 | 6.6 |
| GER | 48.7 | 50.6 | 3.8 |

In Table 3.1.6, Map 3.1.6 and Chart 3.1.6 (pages 20 and 21), regional distribution of GER in kindergarten is presented. It is observed that the Brong Ahafo Region has the highest GER (69.7%) while the Upper West Region has the lowest GER (18.4%). Apart from the Upper East Region where GER for girls exceeds that of boys, all the remaining nine regions have higher GER for boys than that of girls.

2.1.7 Share of Girls Enrolment in Preschools

Girls enrolment in public preschools rose from 256,028 in 2002/2003 to **257,938** in 2003/2004 representing an increase in percentage share of girls enrolment from 45.3% in 2002/2003 to **49.6%** in 2003/2004 as shown in Table 2.1.7 below. In private preschools also, girls enrolment increased from 123,491 in 2002/2003 to **146,705** in 2003/2004 whilst the share of girls enrolment increased from 48.6% in 2002/2003 to **49.3%** in 2003/2004. The share of girls enrolment in both public and private preschools also increased from 45.8% in 2002/2003 to **49.5%** in 2003/2004.

Table 2.1.7 Percentage Share of Girls Enrolment in preschools 2002/2003 - 2003/2004

| TYPE OF EDUCATION | % OF GIRLS ENROLMENT | | |
|-------------------|----------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 45.3 | 49.6 | 9.5 |
| Private | 48.6 | 49.3 | 1.4 |
| Total | 45.8 | 49.5 | 8.1 |

Regional distribution of percentage of girls enrolment in preschool presented in Table 3.1.7, Map 3.1.7 and Chart 3.1.7 (pages 22 and 23) shows that the Upper East Region has the largest percentage of girls enrolment (50.6%) while the Northern Region has the lowest percentage of girls enrolment (48.3%).

2.1.8 Share of Girls Enrolment in Kindergarten

Girls enrolment in public kindergarten rose from 218,974 in 2002/2003 to **225,608** in 2003/2004 representing an increase in percentage share of girls enrolment from 49.6% in 2002/2003 to **49.7%** in 2003/2004 as shown in Table 2.1.8 below. In private kindergarten also, girls enrolment increased from 76,814 in 2002/2003 to **90,568** in 2003/2004 whilst the share of girls enrolment increased from 49.2% in 2002/2003 to **49.3%** in 2003/2004. The share of girls enrolment in both public and private kindergarten also increased from 49.5% in 2002/2003 to **49.6%** in 2003/2004.

Table 2.1.8 Percentage Share of Girls Enrolment in kindergarten 2002/2003 - 2003/2004

| TYPE OF EDUCATION | % OF GIRLS ENROLMENT | | |
|-------------------|----------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 49.6 | 49.7 | 0.2 |
| Private | 49.2 | 49.3 | 0.2 |
| Total | 49.5 | 49.6 | 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 22 and 23) shows that the Upper East Region has the largest percentage of girls enrolment (50.7%) while the Northern Region has the lowest percentage of girls enrolment (48.7%).

2.1.9 Number of Teachers in Preschools

As shown in Table 2.1.9 below, the total number of teachers in public preschools is **19,134** representing a decrease of 4.3% when compared with the 2002/2003 figure of 19,868. The total number of teachers in private preschools is **10,201** representing an increase of 19.8% when compared with the 2002/2003 figure of 8,514. The total number of teachers in both public and private preschools is **29,335** representing an increase of 3.4% when compared with the 2002/2003 figure of 28,382.

Table 2.1.9 Number of Teachers in preschools by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | NUMBER OF TEACHERS | | |
|-------------------|--------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 19,868 | 19,134 | - 3.7 |
| Private | 8,514 | 10,201 | 19.8 |
| Total | 28,382 | 29,335 | 3.4 |

A regional distribution of teachers in preschool is given in Table 3.1.9, Map 3.1.9 and Chart 3.1.9 (pages 24 and 25). The presentation shows that the Ashanti Region has the largest number of teachers (5,855) while the Upper West Region has the lowest number of teachers (363).

2.1.10 Number of Teachers in Kindergarten

As shown in Table 2.1.5 below, the total number of teachers in public kindergarten is **14,041** representing an increase of 7.4% over the 2002/2003 figure of 13,071. The total number of teachers in private kindergarten is **9,207** representing an increase of 13.0% when compared with the 2002/2003 figure of 8,148. The total number of teachers in both public and private kindergarten is **23,248** representing an increase of 9.6% when compared with the 2002/2003 figure of 21,219.

Table 2.1.10 Number of Teachers in kindergarten by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | NUMBER OF TEACHERS | | |
|-------------------|--------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 13,071 | 14,041 | 7.4 |
| Private | 8,148 | 9,207 | 13.0 |
| Total | 21,219 | 23,248 | 9.6 |

A regional distribution of teachers in kindergarten is given in Table 3.1.10, Map 3.1.10 and Chart 3.1.10 (pages 24 and 25). The presentation shows that the Ashanti Region has the largest number of teachers (5,231) while the Upper West Region has the lowest number of teachers (269).

2.1.11 Percentage of Trained Teachers in Preschools

The percentage of trained teachers in public preschools is **28.2** showing an increase of 2.5% when compared with the 2002/2003 figure of 27.5 as shown in Table 2.1.11 below. In private preschools however, the percentage of trained teachers is only **6.6** showing a decrease of 7.0% when related to the 2002/2003 figure of 7.1.

Table 2.1.11 Percentage of trained teachers in preschools, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | % OF TRAINED TEACHERS | | |
|-------------------|-----------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 27.5 | 28.2 | 2.5 |
| Private | 7.1 | 6.6 | - 7.0 |
| Total | 21.3 | 20.7 | - 2.8 |

A regional distribution of percentage of trained teachers in preschool in Table 3.1.11, Map 3.1.11 and Chart 3.1.11 (pages 26 and 27) shows that the Eastern Region has the

highest percentage of trained teachers (29.8%) while the Western Region has the lowest figure (12.1%).

2.1.12 Percentage of Trained Teachers in Kindergarten

The percentage of trained teachers in public kindergarten is **37.9** showing a decrease of 7.8% when compared with the 2002/2003 figure of 41.1 as shown in Table 2.1.12 below. In private kindergarten also, the percentage of trained teachers is only **7.2** showing a decrease of 1.4% when related to the 2002/2003 figure of 7.3.

Table 2.1.12 Percentage of trained teachers in kindergarten, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | % OF TRAINED TEACHERS | | |
|-------------------|-----------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 41.1 | 37.9 | - 7.8 |
| Private | 7.3 | 7.2 | - 1.4 |
| Total | 28.1 | 25.7 | - 8.5 |

A regional distribution of percentage of trained teachers in preschool in Table 3.1.12, Map 3.1.12 and Chart 3.1.12 (pages 26 and 27) shows that the Eastern Region has the highest percentage of trained teachers (36.5%) while the Greater Accra Region has the lowest figure (13.5%).

2.1.13 Pupil/Teacher Ratio in Preschools

As shown in Table 2.1.7 below, pupil/teacher ratio (i.e. the number of pupils per teacher) in public preschools increased from 26.0 in 2002/2003 to **27.2** in 2003/2004, and in the private schools, however, pupil/teacher ratio decreased from 29.6 in 2002/2003 to **29.2** in 2003/2004. In both public and private schools, pupil/teacher ratio increased from 27.1 in 2002/2003 to **27.9** in 2003/2004.

Table 2.1.13 Pupil-Teacher Ratios in preschools by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | PUPIL-TEACHER RATIO | | |
|-------------------|---------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 26.0 | 27.2 | 4.6 |
| Private | 29.6 | 29.2 | - 1.4 |
| Total | 27.1 | 27.9 | 3.0 |

A regional distribution of pupil/teacher ratio in preschool in Table 3.1.13, Map 3.1.13 and Chart 3.1.13 (pages 28 and 29) shows that the Upper East Region has the highest pupil/teacher ratio (51.8) while the Brong Ahafo Region has the lowest figure (22.1).

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 kindergarten increased

from 33.8 in 2002/2003 to **32.3** in 2003/2004, and in the private schools also, pupil/teacher ratio increased from 19.2 in 2002/2003 to **19.9** in 2003/2004. In both public and private schools, pupil/teacher ratio remained the same as **28.8** over the period between 2002/2003 and 2003/2004.

Table 2.1.14 Pupil-Teacher Ratios in kindergarten by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | PUPIL-TEACHER RATIO | | |
|-------------------|---------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 33.8 | 32.3 | - 4.4 |
| Private | 19.2 | 19.9 | 3.6 |
| Total | 28.2 | 28.2 | - |

A regional distribution of pupil/teacher ratio in kindergarten in Table 3.1.14, Map 3.1.14 and Chart 3.1.14 (pages 28 and 29) shows that the Upper West Region has the highest pupil/teacher ratio (53.0) while the Brong Ahafo Region has the lowest figure (10.2).

2.2 PRIMARY SCHOOLS

2.2.1 Number of Primary Schools

The number of primary schools is **11,895** representing an increase of 1.3% when related to the 2002/2003 figure of 11,747 as indicated in Table 2.2.1 below. The number of private primary schools is **2,724** showing an increase of 22.5% when compared to the 2002/2003 figure of 2,224. Thus, the total number of both public and private primary schools is **14,619** representing an increase of 4.6% when related to the 2002/2003 figure of 13,971.

Table 2.2.1 Number of primary schools by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | NUMBER OF PRIMARY SCHOOLS | | |
|-------------------|---------------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 11,747 | 11,895 | 1.3 |
| Private | 2,224 | 2,724 | 22.5 |
| Total | 13,971 | 14,619 | 4.6 |

Regional distribution of primary schools in Table 3.2.1, Map 3.2.1 and Chart 3.2.1 (pages 30 and 31) shows that the Ashanti Region exhibits the highest number of primary schools (2,496) while the Upper West Region has the lowest number (398). For all regions there are more public primary schools than private ones.

2.2.2 Enrolment in Primary Schools

As shown in Table 2.2.2 below, enrolment in public primary schools is **2,196,774** showing an increase of 3.5% over the 2002/2003 enrolment of 2,121,740. Enrolment in private primary schools is **489,359** representing an increase of 21.5% when compared with the 2002/2003 figure of 402,798. Thus, the total enrolment in both the public and private primary schools is **2,686,133** showing an increase of 6.4% when related to the 2002/2003 enrolment of 2,524,538.

Table 2.2.2 Enrolment in primary schools by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | ENROLMENT IN PRIMARY SCHOOLS | | |
|-------------------|------------------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 2,121,740 | 2,196,774 | 3.5 |
| Private | 402,798 | 489,359 | 21.5 |
| Total | 2,524,538 | 2,686,133 | 6.4 |

Regional distribution of enrolment in primary schools in Table 3.2.2, Map 3.2.2 and Chart 3.2.2 (pages 32 and 33) shows that the Ashanti Region exhibits the highest enrolment in primary schools (502,438) while the Upper West Region has the lowest enrolment (82,358). For all regions, boys enrolment exceed girls enrolment.

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 2,524,538 in 2002/2003 to **2,686,133** in 2003/2004 at a growth rate of **6.4%**. Also, the gross enrolment ratio at primary school level for children in age group 6-11 years increased from 75.7% in 2002/2003 to **78.4%** in 2003/2004 at a rate of **3.6%**.

Table 2.2.3 Gross Enrolment Ratios in primary schools 2002/2003 - 2003/2004

| TYPE OF EDUCATION | GER STATISTICS IN PRIMARY SCHOOLS | | |
|-------------------|-----------------------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Pop. 6-11yrs | 3,335,794 | 3,425,867 | 2.7 |
| P1-6 Enrol. | 2,524,538 | 2,686,133 | 6.4 |
| GER | 75.7 | 78.4 | 3.6 |

Regional distribution of gross enrolment ratio in primary schools in Table 3.2.3, Chart 3.2.3 and Map 3.2.3 (pages 34 and 35) shows that the Central Region exhibits the highest gross enrolment ratio in primary schools (88.6%) while the Northern Region has the lowest figure (66.8%). It is noted in the table that, for almost all regions, gross enrolment ratio for boys is higher than that of girls with the exception of the Upper West Region where GER for girls is higher than that of boys.

2.2.4 Enrolment in Primary One

As shown in Table 2.2.4 below, Primary One enrolment in public primary schools is **455,978** showing an increase of 0.7% when compared to the 2002/2003 figure of 452,886. Primary One enrolment in private primary schools is **89,613** representing an increase of 21.0% over the 2002/2003 figure of 74,051. Thus, the total enrolment in both the public and private primary schools is **545,591** showing an increase of 3.5% when related to the 2002/2003 enrolment of 526,937.

Table 2.2.4 Enrolment in Primary One by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | ENROLMENT IN PRIMARY ONE | | |
|-------------------|--------------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 452,886 | 455,978 | 0.7 |
| Private | 74,051 | 89,613 | 21.0 |
| Total | 526,937 | 545,591 | 3.5 |

Regional distribution of Primary One enrolment in Table 3.2.4, Map 3.2.4 and Chart 3.2.4 (pages 36 and 37) shows that the Ashanti Region exhibits the highest enrolment in Primary One (96,023) while the Upper West Region has the lowest figure (22,768). It is also observed in the table that boys enrolment in Primary One is higher than that of girls for all regions.

2.2.5 Gross Admission Ratio in Primary Schools

As already stated above and as indicated in Table 2.2.5 below, the Primary One enrolment in both the public and private primary schools increased from 526,937 in 2002/2003 to **545,591** in 2003/2004 at a growth rate of **3.5%**. Also, the gross admission ratio at primary school level for children at age 6 years increased from 87.3% in 2002/2003 to **88.0%** in 2003/2004 at a rate of **0.8%**.

**Table 2.2.5 Gross Admission Ratios in primary schools
2002/2003 - 2003/2004**

| TYPE OF EDUCATION | GAR STATISTICS IN PRIMARY SCHOOLS | | |
|-------------------|-----------------------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Pop. 6yrs | 603,840 | 620,129 | 2.7 |
| P1 Enrol. | 526,937 | 545,591 | 3.5 |
| GAR | 87.3 | 88.0 | 0.8 |

Regional distribution of gross admission ratio in primary schools in Table 3.2.5, Map 3.2.5 and Chart 3.2.5 (pages 38 and 39) shows that the Upper East Region exhibits the highest gross admission ratio in primary schools (108.3%) while the Greater Accra Region has the lowest figure (71.7%). For almost all regions gross admission ratio for boys is higher than that of girls with the exception of the Upper West Region where the gross admission ratio for girls is higher than that of boys.

2.2.6 Share of Girls Enrolment in Primary Schools

Girls enrolment in public primary schools rose from 996,948 in 2001/2002 to **1,004,748** in 2002/2003 representing an increase of 0.4% in percentage share of girls enrolment from 47.2% in 2001/2002 to **47.4%** in 2002/2003 as shown in Table 2.2.6 below. In private primary schools, however, girls enrolment decreased from 230,336 in 2001/2002 to **196,169** in 2002/2003 representing a constant percentage share of girls enrolment from **48.7%** between the period of 2001/2002 and 2002/2003. The share of girls enrolment in both public and private primary schools increased by 0.2% from 47.5% in 2001/2002 to **47.6%** in 2002/2003.

**Table 2.2.6 Percentage Share of Girls Enrolment in primary
schools 2002/2003 - 2003/2004**

| TYPE OF EDUCATION | % OF GIRLS ENROLMENT | | |
|-------------------|----------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 47.4 | 47.5 | 0.2 |
| Private | 48.7 | 48.8 | 0.2 |
| Total | 47.5 | 47.6 | 0.2 |

Regional distribution of percentage of girls enrolment in primary schools in Table 3.2.6, Map 3.2.6 and Chart 3.2.6 (pages 40 and 41) shows that the Greater Accra Region exhibits the highest percentage of girls enrolment (50.0%) while the Northern Region has the lowest figure (44.2%).

2.2.7 Number of Teachers in Primary Schools

As shown in Table 2.2.7 below, the total number of teachers in public primary schools is **64,631** representing a decrease of 1.7% when compared with the 2002/2003 figure of 65,773. The decrease may be attributed to non-coverage of voluntary teachers particularly in the northern parts of Ghana. The total number of teachers in private primary schools is **18,202** representing an increase of 23.9% when compared with the 2002/2003 figure of 14,686. The total number of teachers in both public and private primary schools is **82,833** representing an increase of 3.0% when compared with the 2002/2003 figure of 80,459.

Table 2.2.7 Number of teachers in primary schools by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | NUMBER OF TEACHERS | | |
|-------------------|--------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 65,773 | 64,631 | - 1.7 |
| Private | 14,686 | 18,202 | 23.9 |
| Total | 80,459 | 82,833 | 3.0 |

Regional distribution of number of teachers in primary schools in Table 3.2.7, Map 3.2.7 and Chart 3.2.7 (pages 42 and 43) shows that the Ashanti Region exhibits the largest number of teachers (16,152) while the Upper East Region has the smallest figure (1,818).

2.2.8 Percentage of Trained Teachers in Primary Schools

As presented in Table 2.2.8 below, the percentage of trained teachers in public primary schools is **73.8** showing an increase of 0.4% when compared with the 2002/2003 figure of 73.5. In private primary schools also, percentage of trained teachers increased from 15.3 in 2002/2003 to **15.5** in 2003/2004 at a rate of 1.3%. In both public and private primary schools, percentage of trained teachers is **61.0** representing a decrease of 3.0% when compared with the 2002/2003 figure of 62.9.

Table 2.2.8 Percentage of trained teachers in primary schools, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | % OF TRAINED TEACHERS | | |
|-------------------|-----------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 73.5 | 73.8 | 0.4 |
| Private | 15.3 | 15.5 | 1.3 |
| Total | 62.9 | 61.0 | - 3.0 |

Regional distribution of percentage of trained teachers in primary schools in Table 3.2.8, Map 3.2.8 and Chart 3.2.8 (pages 44 and 45) shows that the Volta Region exhibits the highest percentage of trained teachers (78.5) while the Western Region has the lowest figure (49.4).

2.2.9 Pupil/Teacher Ratio in Primary Schools

As shown in Table 2.2.9 below, the pupil/teacher ratio (i.e. the number of pupils per teacher) in public primary schools increased from 32.3 in 2002/2003 to **34.0** in 2003/2004. In the private schools, however, the pupil/teacher ratio decreased from 27.4 in 2002/2003 to **26.9** in 2003/2004. In both public and private schools, the pupil/teacher ratio increased from 31.4 in 2002/2003 to **32.4** in 2003/2004.

Table 2.2.9 Pupil-Teacher Ratios in primary schools by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | PUPIL-TEACHER RATIO | | |
|-------------------|---------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 32.3 | 34.0 | 5.3 |
| Private | 27.4 | 26.9 | - 1.8 |
| Total | 31.4 | 32.4 | 3.2 |

Regional distribution of pupil/teacher ratio in primary schools in Table 3.2.9, Map 3.2.9 and Chart 3.2.9 (pages 46 and 47) shows that the Upper East Region exhibits the highest pupil/teacher ratio (57.5) while the Eastern Region has the lowest figure (28.5).

2.3 JUNIOR SECONDARY SCHOOLS

2.3.1 Number of Junior Secondary Schools

The number of junior secondary schools is **6,304** representing an increase of 0.6% when compared to the 2002/2003 figure of 6,266 as indicated in Table 2.3.1 below. The number of private junior secondary schools is **1,322** showing an increase of 30.2% when related to the 2002/2003 figure of 1,015. Thus, the total number of both public and private junior secondary schools is **7,626** representing an increase of 4.7% when compared to the 2002/2003 figure of 7,281.

Table 2.3.1 Number of junior secondary schools by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | NUMBER OF JSS | | |
|-------------------|---------------|-----------|----------|
| | 2001/2002 | 2002/2003 | % Change |
| Public | 6,266 | 6,304 | 0.6 |
| Private | 1,015 | 1,322 | 30.2 |
| Total | 7,281 | 7,626 | 4.7 |

Regional distribution of junior secondary schools in Table 3.3.1, Map 3.3.1 and Chart 3.3.1 (pages 48 and 49) shows that the Ashanti Region exhibits the highest number of junior secondary schools (1,377) while the Upper East Region has the lowest number (204). For all regions there are more public junior secondary schools than private ones.

2.3.2 Enrolment in Junior Secondary Schools

As indicated in Table 2.3.2 below, enrolment in public junior secondary schools is **773,982** showing an increase of 4.5% when related to the 2002/2003 enrolment of 740,753. Enrolment in private junior secondary schools is **145,352** representing an increase of 16.8% when compared with the 2002/2003 figure of 124,455. Thus, the total enrolment in both the public and private junior secondary schools is **919,334** showing an increase of 6.3% when related to the 2002/2003 enrolment of 865,208.

Table 2.3.2 Enrolment in junior secondary schools by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | ENROLMENT IN JSS | | |
|-------------------|------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 740,753 | 773,982 | 4.5 |
| Private | 124,455 | 145,352 | 16.8 |
| Total | 865,208 | 919,334 | 6.3 |

Regional distribution of enrolment in junior secondary schools in Table 3.3.2, Map 3.3.2 and Chart 3.3.2 (pages 50 and 51) shows that the Ashanti Region exhibits the highest enrolment in junior secondary schools (187,670) while the Upper West Region has the lowest number (20,678). For almost all regions enrolment in public junior secondary schools is higher than that of private ones with the exception of the Greater

Accra Region where enrolment in private schools exceeds that of public schools.

2.3.3 Gross Enrolment Ratio in Junior Secondary Schools

As already stated above and as presented in Table 2.3.3 below, the total enrolment in both the public and private junior secondary schools increased from 865,208 in 2002/2003 to **919,334** in 2003/2004 at a growth rate of **6.3%**. The gross enrolment ratio at junior secondary school level for children in age group 12-14 years also increased from 63.4% in 2002/2003 to **65.6%** in 2003/2004 at a rate of **3.5%**.

Table 2.3.3 Gross Enrolment Ratios in junior secondary schools, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | GER STATISTICS IN JSS | | |
|----------------------|-----------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Pop. 12-14yrs | 1,365,024 | 1,401,881 | 2.7 |
| JS1-3 Enrol. | 865,208 | 919,334 | 6.3 |
| GER | 63.4 | 65.6 | 3.5 |

Regional distribution of gross enrolment ratio in junior secondary schools in Table 3.3.3, Map 3.3.3 and Chart 3.3.3 (pages 52 and 53) shows that the Central Region exhibits the highest gross enrolment ratio in junior secondary schools (76.8%) while the Northern Region has the lowest ratio

(45.4%). It is also observed in the table that gross enrolment ratio for boys is higher than that of girls for all regions.

2.3.4 JS1 Enrolment in Junior Secondary Schools

As shown in Table 2.3.4 below, enrolment in JS1 in public junior secondary schools is **290,010** showing an increase of 4.8% when compared to the 2002/2003 enrolment of 276,638. JS1 enrolment in private junior secondary schools is **56,445** representing an increase of 20.0% when related to the 2002/2003 enrolment of 47,027. Thus, JS1 enrolment in both the public and private junior secondary schools is **346,455** showing an increase of 7.0% over the 2002/2003 enrolment of 323,665.

Table 2.3.4 Enrolment in JS1 by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | ENROLMENT IN JS1 | | |
|-------------------|------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 276,638 | 290,010 | 4.8 |
| Private | 47,027 | 56,445 | 20.0 |
| Total | 323,665 | 346,455 | 7.0 |

Regional distribution of JS1 enrolment in junior secondary schools in Table 3.3.4, Map 3.3.4 and Chart 3.3.4 (pages 54 and 55) shows that the Ashanti Region exhibits the largest JS1 enrolment in junior secondary schools (70,981) while the

Upper West Region has the smallest figure (7,876). It is also noted that boys enrolment in JS1 is larger than that of girls for all regions.

2.3.5 Gross Admission Ratio in Junior Secondary Schools

As already stated above and as presented in Table 2.3.5 below, the JS1 enrolment in both the public and private junior secondary schools increased from 323,690 in 2002/2003 to **346,455** in 2003/2004 at a growth rate of **7.0%**. The gross admission ratio at junior secondary school level for children at age 12 years also increased from 68.7% in 2002/2003 to **71.6%** in 2003/2004 at a rate of **4.2%**.

Table 2.3.5 Gross Admission Ratios in junior secondary schools, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | GAR STATISTICS IN JSS | | |
|-------------------|-----------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Pop. 12yrs | 471,387 | 484,119 | 2.7 |
| JS1 Enrol. | 323,690 | 346,455 | 7.0 |
| GAR | 68.7 | 71.6 | 4.2 |

Regional distribution of gross admission ratio in junior secondary schools in Table 3.3.5, Map 3.3.5 and Chart 3.3.5 (pages 56 and 57) shows that the Central Region exhibits the highest gross admission ratio in junior secondary schools (82.7%) while the Northern Region has the lowest ratio

(49.8%). It is noted that gross admission ratio for boys is higher than that of girls for all regions except the Upper East Region where the contrary situation persists.

2.3.6 Share of Girls Enrolment in Junior Secondary Schools

As shown in Table 2.3.6 below, girls enrolment in public junior secondary schools rose from 335,847 in 2002/2003 to **350,039** in 2003/2004 representing a decrease in percentage share of girls enrolment from 45.3% in 2002/2003 to **45.2%** in 2003/2004. In private junior secondary schools also, girls enrolment increased from 60,438 in 2002/2003 to **70,509** in 2003/2004 representing a decrease in percentage share of girls enrolment from 48.6% in 2002/2003 to **48.5%** in 2003/2004. The share of girls enrolment in both public and private junior secondary schools reduced from 45.8% in 2002/2003 to **45.7%** in 2003/2004.

Table 2.3.6 Percentage Share of Girls Enrolment in junior secondary schools, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | % OF GIRLS ENROLMENT | | |
|-------------------|----------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 45.3 | 45.2 | - 0.2 |
| Private | 48.6 | 48.5 | - 0.2 |
| Total | 45.8 | 45.7 | - 0.2 |

Regional distribution of percentage share of girls enrolment in junior secondary schools in Table 3.3.6, Map 3.3.6 and Chart 3.3.6 (pages 58 and 59) shows that the Greater Accra Region exhibits the highest percentage of girls enrolment in junior secondary schools (50.0%) while the Northern Region has the lowest figure (36.1%).

2.3.7 Number of Teachers in Junior Secondary Schools

As shown in Table 2.3.7 below, the total number of teachers in public junior secondary schools is **41,653** representing an increase of 0.3% over the 2002/2003 figure of 41,540. The total number of teachers in private junior secondary schools is **9,766** representing an increase of 26.3% when related to the 2002/2003 figure of 7,730. The total number of teachers in both public and private junior secondary schools is **51,419** representing an increase of 4.4% when compared with the 2002/2003 figure of 49,270.

Table 2.3.7 Number of teachers in junior secondary schools by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | NUMBER OF TEACHERS | | |
|-------------------|--------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 41,540 | 41,653 | 0.3 |
| Private | 7,730 | 9,766 | 26.3 |
| Total | 49,270 | 51,419 | 4.4 |

Regional distribution of number of teachers in junior secondary schools in Table 3.3.7, Map 3.3.7 and Chart 3.3.7 (pages 60 and 61) shows that the Ashanti Region exhibits the largest number of teachers in junior secondary schools (10,684) while the Upper West Region has the smallest number (1,033).

2.3.8 Percentage of Trained Teachers in Junior Secondary Schools

As presented in Table 2.3.8 below, the percentage of trained teachers in public junior secondary schools is **84.2** showing an increase of 1.0% when compared with the 2002/2003 figure of 83.4. In private junior secondary schools, however, percentage of trained teachers is only **26.0** showing a decrease of 0.4% when related to the 2002/2003 figure of 26.1. In both public and private junior secondary schools, percentage of trained teachers is **73.1** representing a decrease of 1.9% when compared with the 2002/2003 figure of 74.5.

Table 2.3.8 Percentage of trained teachers in junior secondary schools, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | % OF TRAINED TEACHERS | | |
|-------------------|-----------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 83.4 | 84.2 | 1.0 |
| Private | 26.1 | 26.0 | - 0.4 |
| Total | 74.5 | 73.1 | - 1.9 |

Regional distribution of percentage of trained teachers in junior secondary schools in Table 3.3.8, Map 3.3.8 and Chart 3.3.8 (pages 62 and 63) shows that the Volta Region exhibits the highest percentage of trained teachers in junior secondary schools (79.7%) while the Western Region has the lowest figure (65.9%).

Regional distribution of pupil/teacher ratio in junior secondary schools in Table 3.3.9, Map 3.3.9 and Chart 3.3.9 (pages 64 and 65) shows that the Upper East Region exhibit the highest pupil/teacher ratio in junior secondary schools (25.2) while the Volta Region has the lowest figure (16.2).

2.3.9 Pupil/Teacher Ratio

As shown in Table 2.3.9 below, the pupil/teacher ratio (i.e. the number of pupils per teacher) in public junior secondary schools increased from 17.9 in 2002/2003 to **18.6** in 2003/2004, and in the private schools, the pupils/teacher ratio decreased from 16.1 in 2002/2003 to **14.9** in 2003/2004. In both public and private schools, the pupil/teacher ratio increased from 17.6 in 2002/2003 to **17.9** in 2003/2004.

Table 2.3.9 Pupil-Teacher Ratios in junior secondary schools by type of education, 2002/2003 - 2003/2004

| TYPE OF EDUCATION | PUPIL-TEACHER RATIO | | |
|-------------------|---------------------|-----------|----------|
| | 2002/2003 | 2003/2004 | % Change |
| Public | 17.8 | 18.6 | 4.5 |
| Private | 16.1 | 14.9 | - 7.5 |
| Total | 17.6 | 17.9 | 1.7 |