

# Ministry of Education



Republic of Ghana



## Report on Basic Statistics and Planning Parameters for Basic Education in Ghana 2013/2014

EMIS  
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DIRECTOR, SRIMPR**

# TABLE OF CONTENT

	<b>Page</b>		<b>Page</b>
ACKNOWLEDGEMENT	i	<b>2.2 PRIMARY SCHOOLS</b>	<b>9</b>
SECTION 1: INTRODUCTION	1	2.2.1 Number of Primary Schools	9
SECTION 2: SUMMARY OF FINDINGS	2	2.2.2 Enrolment in Primary Schools	9
<b>2.1 PRESCHOOLS</b>	<b>2</b>	2.2.3 Gross Enrolment Ratio in Primary Schools	10
2.1.1 Number of Crèches and Nurseries	2	2.2.4 Net Enrolment Rate in Primary Schools	10
2.1.2 Number of Kindergarten	2	2.2.5 Enrolment in Primary One	11
2.1.3 Enrolment in Crèches and Nurseries	3	2.2.6 Gross Admission Ratio in Primary Schools	11
2.1.4 Enrolment in Kindergarten	3	2.2.7 Net Admission Rate in Primary Schools	12
2.1.5 Gross Enrolment Ratio in Crèches and Nurseries	4	2.2.8 Share of Girls Enrolment in Primary Schools	12
2.1.6 Gross Enrolment Ratio in Kindergarten	4	2.2.9 Number of Teachers in Primary Schools	13
2.1.7 Share of Girls Enrolment in Crèches and Nurseries	5	2.2.10 Percentage of Trained Teachers in Primary Schools	13
2.1.8 Share of Girls Enrolment in Kindergarten	5	2.2.11 Pupil/Teacher Ratio in Primary Schools	14
2.1.9 Number of Teachers in Crèches and Nurseries	6	2.2.12 Completion Rate in Primary Schools	14
2.1.10 Number of Teachers in Kindergarten	6	2.2.13 Gender Parity Index in Primary Schools	15
2.1.11 Percentage of Trained Teachers in Crèches and Nurseries	7	<b>2.3 JUNIOR HIGH SCHOOLS</b>	<b>16</b>
2.1.12 Percentage of Trained Teachers in Kindergarten	7	2.3.1 Number of Junior High Schools	16
2.1.13 Pupil/Teacher Ratio in Creches and Nurseries	8	2.3.2 Enrolment in Junior High Schools	16
2.1.14 Pupil/Teacher Ratio in Kindergarten	8	2.3.3 Gross Enrolment Ratio in Junior High Schools	17

2.3.4	Net Enrolment Rate in Junior High Schools	17
2.3.5	JH1 Enrolment in Junior High Schools	18
2.3.6	Gross Admission Ratio in Junior High Schools	18
2.3.7	Net Admission Rate in Junior High Schools	19
2.3.8	Share of Girls Enrolment in Junior High Schools	19
2.3.9	Number of Teachers in Junior High Schools	20
2.3.10	Percentage of Trained Teachers in Junior High Schools	20
2.3.11	Pupil/Teacher Ratio in Junior High Schools	21
2.3.12	Completion Rate in Junior High Schools	21
2.3.13	Gender Parity Index in Junior High Schools	22
	SECTION 3: SUMMARY TABLES, MAPS AND CHARTS	23
3.1	SUMMARY TABLES, MAPS AND CHARTS FOR PRESCHOOLS	23
3.2	SUMMARY TABLES, MAPS AND CHARTS FOR PRIMARY SCHOOLS	51
3.3	SUMMARY TABLES, MAPS AND CHARTS FOR JUNIOR HIGH SCHOOLS	77
	SECTION 4: DETAILED STATISTICS AT NATIONAL, REGIONAL AND DISTRICT LEVELS	103

# LIST OF TABLES

	<b>Page</b>		<b>Page</b>		
Table 2.1.1	Number of crèches and nurseries by type of education, 2012/2013 - 2013/2014	2	Table 2.1.14	Pupil/Teacher Ratio in kindergartens by type of education,2012/2013 - 2013/2014	8
Table 2.1.2	Number of kindergarten by type of education, 2012/2013 - 2013/2014	2	Table 2.2.1	Number of primary schools by type of education,2012/2013 - 2013/2014	9
Table 2.1.3	Enrolment of crèches and nurseries by type of Education, 2012/2013 - 2013/2014	3	Table 2.2.2	Enrolment in primary schools by type of education, 2012/2013 - 2013/2014	9
Table 2.1.4	Enrolment of kindergarten by type of Education, 2012/2013 - 2013/2014	3	Table 2.2.3	Gross Enrolment Ratio (GER) in primary Schools, 2012/2013 - 2013/2014	10
Table 2.1.5	Gross Enrolment Ratio (GER) in crèches and nurseries, 2012/2013 - 2013/2014	4	Table 2.2.4	Net Enrolment Rate (NER) in primary Schools, 2012/2013 - 2013/2014	10
Table 2.1.6	Gross Enrolment Ratio (GER) in kindergarten, 2012/2013 - 2013/2014	4	Table 2.2.5	Enrolment in Primary One by type of education, 2012/2013 - 2013/2014	11
Table 2.1.7	Percentage share of girls' enrolment in Crèches and nurseries, 2012/2013 - 2013/2014	5	Table 2.2.6	Gross Admission Ratio (GAR) of primary Schools, 2012/2013 - 2013/2014	11
Table 2.1.8	Percentage share of girls' enrolment in kindergarten, 2012/2013 - 2013/2014	5	Table 2.2.7	Net Admission Rate (NAR) of primary Schools, 2012/2013 - 2013/2014	12
Table 2.1.9	Number of teachers in crèches and nurseries by type of education,2012/2013 - 2013/2014	6	Table 2.2.8	Percentage share of girls enrolment in primary Schools, 2012/2013 - 2013/2014	12
Table 2.1.10	Number of teachers in kindergarten by type of education, 2012/2013 - 2013/2014	6	Table 2.2.9	Number of teachers in primary schools B y type of education, 2012/2013 - 2013/2014	13
Table 2.1.11	Percentage of trained teachers in crèches and Nurseries, 2012/2013 - 2013/2014	7	Table 2.2.10	Percentage of trained teachers in primary Schools by type of education, 2012/2013 - 2013/2014	13
Table 2.1.12	Percentage of trained teachers in kindergarten, 2012/2013 - 2013/2014	7	Table 2.2.9	Pupil/Teacher Ratio in primary schools by type of education,2012/2013 - 2013/2014	14
Table 2.1.13	Pupil/Teacher Ratio in crèches and nurseries by type of education,2012/2013 - 2013/2014	8			

Table 2.2.10	Completion Rate in primary schools by sex, 2012/2013 - 2013/2014	14	Table 2.3.11	Pupil/Teacher Ratio in junior high schools by type of education, 2012/2013 - 2013/2014	20
Table 2.2.13	Gender Parity Index in Primary Schools by type of education, 2012/2013 - 2013/2014	15	Table 2.3.12	Completion Rate in junior high schools by sex, 2012/2013 - 2013/2014	21
Table 2.3.1	Number of junior high schools by type of education, 2012/2013 - 2013/2014	15	Table 2.3.13	Gender Parity Index in Junior High Schools by type of education, 2012/2013 - 2013/2014	21
Table 2.3.2	Enrolment in junior high schools by type of education, 2012/2013 - 2013/2014	16	Table 3.1.1	Number of crèches and nurseries by type of education and region, 2013/2014	23
Table 2.3.3	Gross Enrolment Ratio (GER) in junior high schools, 2012/2013 - 2013/2014	16	Table 3.1.2	Number of kindergarten by type of education and region, 2013/2014	25
Table 2.3.4	Net Enrolment Rate (NER) in junior high schools, 2012/2013 - 2013/2014	17	Table 3.1.3	Enrolment in crèches and nurseries by type of education, region and sex, 2013/2014	27
Table 2.3.5	JS1 enrolment by type of education, 2012/2013 - 2013/2014	17	Table 3.1.4	Enrolment in kindergarten by type of education, region and sex, 2013/2014	29
Table 2.3.6	Gross Admission Ratio (GAR) of junior high schools,2012/2013 - 2013/2014	18	Table 3.1.5	Gross Enrolment Ratio (GER) in crèches and Nurseries by region and sex, 2013/2014	31
Table 2.3.7	Net Admission Rate (GAR) of junior high schools,2012/2013 - 2013/2014	18	Table 3.1.6	Gross Enrolment Ratio (GER) in kindergarten by region and sex, 2013/2014	33
Table 2.3.8	Percentage of share of girls enrolment in junior high schools by type of education, 2012/2013 - 2013/2014	19	Table 3.1.7	Percentage of girls enrolment in crèches and Nurseries by type of education and region, 2013/2014	35
Table 2.3.9	Number of teachers in junior high schools by type of education, 2012/2013 - 2013/2014	19	Table 3.1.8	Percentage of girls enrolment in kindergarten by type of education and region,2013/2014	37
Table 2.3.10	Percentage of trained teachers in junior high schools by type of education, 2012/2013 - 2013/2014	20	Table 3.1.9	Number of teachers and number of trained teachers in crèches and nurseries by type of education and region, 2013/2014	39

Table 3.1.10	Number of teachers and number of trained teachers in kindergarten by type of education and region, 2013/2014	41	Table 3.2.9	Number of teachers and number of trained teachers in primary schools by type of education and region, 2013/2014	67
Table 3.1.11	Percentage of trained teachers in crèches and Nurseries by type of education and region, 2013/2014	43	Table 3.2.10	Percentage of trained teachers in primary schools by type of education and region, 2013/2014	69
Table 3.1.12	Percentage of trained teachers in kindergarten by type of education and region, 2013/2014	45	Table 3.2.11	Pupil/Teacher Ratio in primary schools by type of education and region, 2013/2014	71
Table 3.1.13	Pupil/Teacher Ratio in crèches and nurseries by type of education and region, 2013/2014	47	Table 3.2.12	Completion Rate in primary schools by sex and region, 2013/2014	73
Table 3.1.14	Pupil/Teacher Ratio in kindergarten by type of education and region, 2013/2014	49	Table 3.2.13	Gender Parity in Primary Schools by type of education, 2013/2014	75
Table 3.2.1	Number of primary schools by type of education and region, 2013/2014	51	Table 3.3.1	Number of junior high schools by type of education and region, 2013/2014	77
Table 3.2.2	Enrolment in primary schools by type of education, region and sex, 2013/2014	53	Table 3.3.2	Enrolment in junior high schools by type of education, region and sex, 2013/2014	79
Table 3.2.3	Gross Enrolment Ratio (GER) in primary schools by region and sex, 2013/2014	55	Table 3.3.3	Gross Enrolment Ratio (GER) in junior high schools by region and sex, 2013/2014	81
Table 3.2.4	Net Enrolment Rate (NER) in primary schools by region and sex, 2013/2014	57	Table 3.3.4	Net Enrolment Ratio (NER) in junior high schools by region and sex, 2013/2014	83
Table 3.2.5	Enrolment in Primary One by type of Education, region and sex, 2013/2014	59	Table 3.3.5	JS1 Enrolment in junior high schools by type of education, region and sex, 2013/2014	85
Table 3.2.6	Gross Admission Ratio (GAR) in primary schools by region and sex, 2013/2014	61	Table 3.3.6	Gross Admission Ratio (GAR) in junior high schools by region and sex, 2013/2014	87
Table 3.2.7	Net Admission Rate (NAR) in primary schools by region and sex, 2013/2014	63	Table 3.3.7	Net Admission Rate (NAR) in junior high schools by region and sex, 2013/2014	89
Table 3.2.8	Percentage of girls enrolment in primary school type of education and region, 2013/2014	65	Table 3.3.8	Percentage of girls enrolment in junior high schools by type of education and region, 2013/2014	91

Table 3.3.9	Number of teachers and number of trained teachers in junior high schools by type of education and region, 2013/2014	93	Table 4.8	Statistics for basic schools in Upper West Region, 2013/2014	119
Table 3.3.10	Percentage of trained teachers in junior high schools by type of education and region, 2013/2014	95	Table 4.9	Statistics for basic schools in Volta Region, 2013/2014	121
Table 3.3.11	Pupil/Teacher Ratio in junior high schools by type of education and region, 2013/2014	97	Table 4.10	Statistics for basic schools in Western Region 2013/2014	123
Table 3.3.12	Completion Rate in junior high schools by sex and region, 2013/2014	99	Table 4.1.1	Statistics for all basic schools 2013/2014 by district follows,	125
Table 3.3.13	Gender Parity Index of JSS by type of education and region, 2013/2014	101			
Table 4	National level statistics for basic schools, 2013/2014	103			
Table 4.1	Statistics for basic schools in Ashanti Region, 2013/2014	105			
Table 4.2	Statistics for basic schools in Brong Ahafo Region, 2013/2014	107			
Table 4.3	Statistics for basic schools in Central Region, 2013/2014	109			
Table 4.4	Statistics for basic schools in Eastern Region, 2013/2014	111			
Table 4.5	Statistics for basic schools in Greater Accra Region, 2013/2014	113			
Table 4.6	Statistics for basic schools in Northern Region, 2013/2014	115			
Table 4.7	Statistics for basic schools in Upper East Region, 2013/2014	117			



## LIST OF MAPS

	<b>Page</b>		<b>Page</b>
Map 3.1.1a: Number of public crèches and nurseries by region, 2013/2014	24	Map 3.1.7b: Percentage of girls' enrolment in private crèches and nurseries by region, 2013/2014	36
Map 3.1.1b: Number of private crèches and nurseries by region, 2013/2014	24	Map 3.1.8a: Percentage of girls' enrolment in public kindergarten by region, 2013/2014	38
Map 3.1.2a: Number of public kindergarten by region, 2013/2014	26	Map 3.1.8b: Percentage of girls enrolment in private kindergarten by region, 2013/2014	38
Map 3.1.2b: Number of private kindergarten by region, 2013/2014	26	Map 3.1.9a: Number of teachers in public crèches and nurseries by region, 2013/2014	40
Map 3.1.3a: Enrolment in public crèches and nurseries By region, 2013/2014	28	Map 3.1.9b: Number of teachers in private crèches and nurseries by region, 2013/2014	40
Map 3.1.3b: Enrolment in private crèches and nurseries by region, 2013/2014	28	Map 3.1.10a: Number of teachers in public kindergarten by region, 2013/2014	42
Map 3.1.4a: Enrolment in public kindergarten by region, 2013/2014	30	Map 3.1.10b: Number of teachers in private kindergarten by region, 2013/2014	42
Map 3.1.4b: Enrolment in private kindergarten by region, 2013/2014	30	Map 3.1.11a: Percentage of trained teachers in public crèches and nurseries by region, 2013/2014	44
Map 3.1.5a: GER for both boys and girls in crèches and Nurseries by region, 2013/2014	32	Map 3.1.11b: Percentage of trained teachers in private crèches and nurseries by region, 2013/2014	44
Map 3.1.5b: GER for girls in crèches and nurseries by region, 2013/2014	32	Map 3.1.12a: Percentage of trained teachers in public kindergarten by region, 2013/2014	46
Map 3.1.6a: GER for both boys and girls in kindergarten by region, 2013/2014	34	Map 3.1.12b: Percentage of trained teachers in private kindergarten by region, 2013/2014	46
Map 3.1.6b: GER for girls in kindergarten by region, 2013/2014	34	Map 3.1.13a: Pupil/Teacher Ratio in public crèches and nurseries by region, 2013/2014	48
Map 3.1.7a: Percentage of girls' enrolment in public crèches and nurseriesby region, 2013/2014	36	Map 3.1.13b: Pupil/Teacher Ratio in private crèches and nurseries by region, 2013/2014	48

Map 3.1.14a:	Pupil/Teacher Ratio in public kindergarten by region, 2013/2014	50	Map 3.2.7a:	Net Admission Rate (NAR) in primary schools by region, 2013/2014	64
Map 3.1.14b:	Pupil/Teacher Ratio in private kindergarten by region, 2013/2014	50	Map 3.2.7b:	Net Admission Rate (NAR) for girls in primary schools by region, 2013/2014	64
Map 3.2.1a:	Number of public primary schools by region, 2013/2014	52	Map 3.2.8a:	Percentage of girls enrolment in public primary schools by region, 2013/2014	66
Map 3.2.1b:	Number of private primary schools by region, 2013/2014	52	Map 3.2.8b:	Percentage of girls enrolment in private primary schools by region, 2013/2014	66
Map 3.2.2a:	Enrolment in public primary schools by region, 2013/2014	54	Map 3.2.9a:	Number of teachers in public primary schools by region, 2013/2014	68
Map 3.2.2b:	Enrolment in private primary schools by region, 2013/2014	54	Map 3.2.9b:	Number of teachers in private primary schools by region, 2013/2014	68
Map 3.2.3a:	Gross Enrolment Ratio (GER) for primary schools by region, 2013/2014	56	Map 3.2.10a:	Percentage of trained teachers in public primary schools by region, 2013/2014	70
Map 3.2.3b:	Gross Enrolment Ratio (GER) for girls in primary schools by region, 2013/2014	56	Map 3.2.10b:	Percentage of trained teachers in private primary schools by region, 2013/2014	70
Map 3.2.4a:	Net Enrolment Rate (NER) for primary schools by region, 2013/2014	58	Map 3.2.11a:	Pupil/Teacher Ratio in public primary schools by region, 2013/2014	72
Map 3.2.4b:	Net Enrolment Rate (NER) for girls in primary schools by region, 2013/2014	58	Map 3.2.11b:	Pupil/Teacher Ratio in private primary schools by region, 2013/2014	72
Map 3.2.5a:	Primary One enrolment in public schools by region, 2013/2014	60	Map 3.2.11a:	Completion Rate for primary schools by region, 2013/2014	74
Map 3.2.5b:	Primary One enrolment in private schools by region, 2013/2014	60	Map 3.2.11b:	Completion Rate for girls in primary schools by region, 2013/2014	74
Map 3.2.6a:	Gross Admission Ratio (GAR) in primary schools by region, 2013/2014	62	Map 3.2.13:	Gender Parity Index in primary schools by region, 2013/2014	76
Map 3.2.6b:	Gross Admission Ratio (GAR) for girls in primary schools by region, 2013/2014	62	Map 3.3.1a:	Number of public junior high schools by region, 2013/2014	78

Map 3.3.1b:	Number of private junior high schools by region, 2013/2014	78	Map 3.3.8b:	Percentage of girls enrolment in private junior high schools by region, 2013/2014	92
Map 3.3.2a:	Enrolment in public junior high schools by region, 2013/2014	80	Map 3.3.9a:	Number of teachers in public junior high schools by region, 2013/2014	94
Map 3.3.2b:	Enrolment in private junior high schools by region, 2013/2014	80	Map 3.3.9b:	Number of teachers in private junior high schools by region, 2013/2014	94
Map 3.3.3a:	Gross Enrolment Ratio for junior high schools by region, 2013/2014	82	Map 3.3.10a:	Percentage of trained teachers in public junior high schools by region, 2013/2014	96
Map 3.3.3b:	Gross Enrolment Ratio for girls in junior high schools by region, 2013/2014	82	Map 3.3.10b:	Percentage of trained teachers in private junior high schools by region, 2013/2014	96
Map 3.3.4a:	Net Enrolment Rate for in junior high schools by region, 2013/2014	84	Map 3.3.11a:	Pupil/Teacher Ratio in public junior high schools by region, 2013/2014	98
Map 3.3.4b:	Net Enrolment Rate for girls in junior high schools by region,2013/2014	84	Map 3.3.11b:	Pupil/Teacher Ratio in private junior high schools by region, 2013/2014	98
Map 3.3.5a:	JS1 enrolment in public junior high schools by region, 2013/2014	86	Map 3.3.12a:	Completion Rate for junior high schools by region, 2013/2014	100
Map 3.3.5b:	JS1 enrolment in private junior high schools by region, 2013/2014	86	Map 3.3.12b:	Completion Rate for girls in junior high schools by region, 2013/2014	100
Map 3.3.6a:	Gross Admission Ratio (GAR) for junior high schools by region, 2013/2014	88	Map 3.3.13:	Gender Parity Index in Junior High School by region, 2013/2014	102
Map 3.3.6b:	Gross Admission Ratio (GAR) for girls in junior high schools by region, 2013/2014	88			
Map 3.3.7a:	Net Admission Rate (NAR) for junior high schools by region, 2013/2014	90			
Map 3.3.7b:	Net Admission Rate (NAR) for girls in junior high schools by region, 2013/2014	90			
Map 3.3.8a:	Percentage of girls enrolment in public junior high schools by region, 2013/2014	92			

# LIST OF CHARTS

	<b>Page</b>		<b>Page</b>		
Chart 3.1.1:	Number of preschools by type and region, 2013/2014	24	Chart 3.1.10:	Number of teachers in kindergarten by type of education and region, 2013/2014	42
Chart 3.1.2:	Number of kindergarten by type and region, 2013/2014	26	Chart 3.1.11:	Percentage of trained teachers in preschools by type of education and region, 2013/2014	44
Chart 3.1.3:	Preschool enrolment by type of education and region, 2013/2014	28	Chart 3.1.12:	Percentage of trained teachers in kindergarten by type of education and region, 2013/2014	46
Chart 3.1.4:	Kindergarten enrolment by type of education and region, 2013/2014	30	Chart 3.1.13a:	Pupil/teacher ratio in public preschools by region, 2013/2014	48
Chart 3.1.5a:	Gross enrolment ratio for preschools by region, 2013/2014	32	Chart 3.1.13b:	Pupil/teacher ratio in private preschools by region, 2013/2014	48
Chart 3.1.5b:	Gross enrolment ratio for girls in preschools by region, 2013/2014	32	Chart 3.1.14a:	Pupil/teacher ratio in public kindergarten by region, 2013/2014	50
Chart 3.1.6a:	Gross enrolment ratio for kindergarten by region, 2013/2014	34	Chart 3.1.14b:	Pupil/teacher ratio in private kindergarten by region, 2013/2014	50
Chart 3.1.6b:	Gross enrolment ratio for girls in kindergarten by region, 2013/2014	34	Chart 3.2.1:	Number of primary schools by type of education and region, 2013/2014	52
Chart 3.1.7a:	Percentage of girls enrolment in public preschools by region, 2013/2014	36	Chart 3.2.2:	Enrolment in primary schools by type of education and region, 2013/2014	54
Chart 3.1.7b:	Percentage of girls enrolment in private preschools by region, 2013/2014	36	Chart 3.2.3a:	Gross enrolment ratio in primary schools by region, 2013/2014	56
Chart 3.1.8a:	Percentage of girls enrolment in public kindergarten by region, 2013/2014	38	Chart 3.2.3b:	Gross enrolment ratio for girls in primary schools by region, 2013/2014	56
Chart 3.1.8b:	Percentage of girls enrolment in private kindergarten by region, 2013/2014	38	Chart 3.2.4a:	Net enrolment rate in primary schools by region, 2013/2014	58
Chart 3.1.9:	Number of teachers in preschools by type of education and region, 2013/2014	40	Chart 3.2.4b:	Net enrolment rate for girls in primary schools by region, 2013/2014	58

Chart 3.2.5:	Primary One enrolment in primary schools by type of education and region, 2013/2014	60	Chart 3.3.1:	Number of junior high schools by type and region,2013/2014	78
Chart 3.2.6a:	Gross admission ratio for primary schools by region, 2013/2014	62	Chart 3.3.2:	Enrolment in junior high schools by type of education and region, 2013/2014	80
Chart 3.2.6b:	Gross admission ratio for girls in primary schools by region, 2013/2014	62	Chart 3.3.3a:	Gross enrolment ratio in junior high schools by region, 2013/2014	82
Chart 3.2.7a:	Net admission rate for primary schools by region, 2013/2014	64	Chart 3.3.3b:	Gross enrolment ratio for girls in junior high schools, 2013/2014	82
Chart 3.2.7b:	Net admission rate for girls in primary schools by region, 2013/2014	64	Chart 3.3.4a:	Net enrolment rate in junior high schools by region, 2013/2014	84
Chart 3.2.8a:	Percentage of girls enrolment in public primary schools by region, 2013/2014	66	Chart 3.3.4b:	Net enrolment rate for girls in junior high schools, 2013/2014	84
Chart 3.2.8b:	Percentage of girls enrolment in private primary schools by region, 2013/2014	66	Chart 3.3.5:	JS1 enrolment in junior high schools by type of education and region, 2013/2014	86
Chart 3.2.9:	Number of teachers in primary schools by type of education and region,2013/2014	68	Chart 3.3.6a:	Gross admission ratio for junior high schools by region, 2013/2014	88
Chart 3.2.10:	Percentage of trained teachers in primary Schools by type of education and region, 2013/2014	70	Chart 3.3.6b:	Gross admission ratio for girls in junior high schools by region, 2013/2014	88
Chart 3.2.11a:	Pupil/teacher ratio in public primary schools by region, 2013/2014	72	Chart 3.3.7a:	Net admission rate for junior high schools by region, 2013/2014	90
Chart 3.2.11b:	Pupil/teacher ratio in private primary schools by region, 2013/2014	72	Chart 3.3.7b:	Net admission rate for girls in junior high schools by region, 2013/2014	90
Chart 3.2.12a:	Completion Rate for primary schools by region, 2013/2014	74	Chart 3.3.8a:	Percentage of girls enrolment in public junior high schools by region, 2013/2014	92
Chart 3.2.12b:	Completion Rate for girls in primary schools by region, 2013/2014	74	Chart 3.3.8b:	Percentage of girls enrolment in private junior high schools by region, 2013/2014	92
Chart 3.2.13:	Gender Parity Index in Primary schools by region, 2013/2014	76	Chart 3.3.9:	Number of teachers in junior high schools by type of education and region, 2013/2014	94

Chart 3.3.10:	Percentage of trained teachers in junior high schools by type education and region, 2013/2014	96
Chart 3.3.11a:	Pupil/teacher ratio in public junior high schools by region, 2013/2014	98
Chart 3.3.11b:	Pupil/teacher ratio in private junior high schools by region, 2013/2014	98
Chart 3.3.12a:	Completion Rate for junior high schools by region, 2013/2014	100
Chart 3.3.12b:	Completion Rate for girls in junior high schools by region, 2013/2014	100
Chart 3.3.13:	Gender Parity Index in JHS by type of education and by region, 2013/2014	102

# **SECTION ONE**

## **INTRODUCTION**

# **REPORT ON BASIC STATISTICS AND PLANNING PARAMETERS FOR BASIC EDUCATION IN GHANA - 2013/2014**

## **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-six 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 sixth census, (2013/2014) 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 (2012/2013) 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 2013 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 **369**, representing a decrease of 27.8% when compared with the 2012/2013 figure of 511 as indicated in Table 2.1.1 below. The number of private crèches and nurseries is **5,375**, showing an increase of 11.0% when compared with the 2012/2013 figure of 4,841. The total number of both public and private crèches and nurseries is **5,744**, representing an increase of 7.3% over the 2012/2013 figure of 5,352.

TYPE OF EDUCATION	NUMBER OF CRECHES/NURSERIES		
	2012/2013	2013/2014	% Change
Public	511	<b>369</b>	-27.8
Private	4,841	<b>5,375</b>	11.0
Total	5,352	<b>5,744</b>	7.3

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 Greater Accra Region exhibits the highest number of crèches and nurseries (1,363) while the Upper West Region has the lowest number (37). 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 **13,492**, representing an increase of 1.4% over the 2012/2013 figure of 13,305 as indicated in Table 2.1.2 below. The number of private kindergartens is **6,608**, showing an increase of 10.6% in relation to the 2012/2013 figure of 5,972. Thus, the total number of both public and private kindergartens is **20,100**, representing an increase of 4.3% over the 2012/2013 figure of 19,277.

TYPE OF EDUCATION	NUMBER OF KINDERGARTENS		
	2012/2013	2013/2014	% Change
Public	13,305	<b>13,492</b>	1.4
Private	5,972	<b>6,608</b>	10.6
Total	19,277	<b>20,100</b>	4.3

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 (3,632) while the Upper West Region has the lowest number (590). For all regions there are more public kindergartens than private ones except the Greater Accra Regions (617 against 1412).

### 2.1.3 Enrolment in Crèches and Nurseries

As indicated in Table 2.1.3 below, enrolment in public crèches and nurseries is **19,798**, showing a decrease of 30.4% in relation to the 2012/2013 figure of 28,446. Enrolment in private crèches and nurseries is **317,996**, representing an increase of 16.2% over the 2012/2013 figure of 273,769. Thus, the total enrolment in both the public and private crèches and nurseries is **337,794**, showing an increase of 11.8% over the 2012/2013 figure of 302,215.

Table 2.1.3 Enrolment in Crèches and Nurseries by Type of Education, 2012/2013 – 2013/2014			
TYPE OF EDUCATION	ENROLMENT IN CRECHES AND NURSERIES		
	2012/2013	2013/2014	% Change
Public	28,446	<b>19,798</b>	-30.4
Private	273,769	<b>317,996</b>	16.2
Total	302,215	<b>337,794</b>	11.8

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 (87,682) while the Upper West Region has the lowest enrolment (4,467).

### 2.1.4 Enrolment in Kindergartens

As indicated in Table 2.1.4 below, enrolment in public kindergartens is **1,241,093**, showing an increase of 1.2% over the 2012/2013 figure of 1,226,132. Enrolment in private kindergartens is **404,457**, representing an increase of 6.9% when compared to the 2012/2013 figure of 378,373. Thus, the total enrolment in both the public and private kindergartens is **1,645,550**, showing an increase of 2.6% over the 2012/2013 figure of 1,604,505.

Table 2.1.4 Enrolment in Kindergarten by Type of Education, 2012/2013 - 2013/2014			
TYPE OF EDUCATION	ENROLMENT IN KINDERGARTENS		
	2012/2013	2013/2014	% Change
Public	1,226,132	<b>1,241,093</b>	1.2
Private	378,373	<b>404,457</b>	6.9
Total	1,604,505	<b>1,645,550</b>	2.6

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 (300,470) while the Upper West Region has the lowest enrolment (59,698).

### 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 302,215 in 2012/2013 to **337,794** in 2013/2014, at a growth rate of 11.8%. 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 1.8% from 10.6% in 2012/2013 to **10.7%** in 2013/2014.

TYPE OF STATISTICS	GER IN CRECHES/NURSERIES		
	2012/2013	2013/2014	% Change
Pop. 0-3yrs	2,863,595	<b>3,145,056</b>	9.8
Crèche & Nur. Enr.	302,215	<b>337,794</b>	11.8
GER	10.6	<b>10.7</b>	1.8

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 Central Region has the highest GER (13.5%) while the Upper West Region has the lowest GER (3.7%).

### 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 1,604,505 in 2012/2013 to **1,645,550** in 2013/2014 at a growth rate of 2.6%. 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 8.1% from 113.8% in 2012/2013 to **123.0%** in 2013/2014.

TYPE OF STATISTICS	GER IN KINDERGARTEN		
	2012/2013	2013/2014	% Change
Pop. 4-5yrs	1,409,527	<b>1,337,350</b>	-5.1
Kindergarten Enr.	1,604,505	<b>1,645,550</b>	2.6
GER	113.8	<b>123.0</b>	8.1

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 Upper West Region has the highest GER (155.0%) while the Greater Accra Region has the lowest GER (66.1%).

### 2.1.7 Percentage of Girls' Enrolment in Crèches and Nurseries

The percentage of girls' enrolment in public crèches and nurseries decreased from 50.0% in 2012/2013 to **49.7%** in 2013/2014 at a rate of 0.6%. The percentage of girls' enrolment in private schools, however, increased from 49.5% in 2012/2013 to **49.7%** in 2013/2014 at a rate of 0.4%. Girls' enrolment in both public and private crèches and nurseries is **49.7%** showing an increase of 0.3% in relation to the 2012/2013 figure of 49.6%.

TYPE OF EDUCATION	% OF GIRLS ENROLMENT		
	2012/2013	<b>2013/2014</b>	% Change
Public	50.0	<b>49.7</b>	-0.6
Private	49.5	<b>49.7</b>	0.4
Total	49.6	<b>49.7</b>	0.3

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 Central Region has the largest percentage of girls' enrolment (50.5%) while the Upper East Region has the lowest percentage of girls' enrolment (48.0%).

### 2.1.8 Percentage of Girls' Enrolment in Kindergartens

The percentage of girl's enrolment in public kindergartens decreased from 49.7% in 2012/2013 to **49.6%** in 2013/2014 at rate of 0.1%. The percentage of girls' enrolment in private kindergartens also decreased from 49.6% in 2012/2013 to **49.5%** in 2013/2014. Girls' enrolment in both public and private kindergartens also decreased from 49.7% in 2012/2013 to **49.6%** in 2013/2014.

TYPE OF EDUCATION	% OF GIRLS ENROLMENT		
	2012/2013	<b>2013/2014</b>	% Change
Public	49.7	<b>49.6</b>	-0.1
Private	49.6	<b>49.5</b>	-0.2
Total	49.7	<b>49.6</b>	-0.1

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 **570**, representing a decrease of 32.4% in relation to the 2012/2013 figure of 843. The total number of teachers in private crèches and nurseries is **12,094**, representing an increase of 18.2% when related to the 2012/2013 figure of 10,232. The total number of teachers in both public and private crèches and nurseries is **12,664**, representing an increase of 14.3% when compared with the 2012/2013 figure of 11,075.

TYPE OF EDUCATION	NUMBER OF TEACHERS		
	2012/2013	2013/2014	% Change
Public	843	<b>570</b>	-32.4
Private	10,232	<b>12,094</b>	18.2
Total	11,075	<b>12,664</b>	14.3

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 (3,547) while the Upper West Region has the lowest number of teachers (127).

### 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 **36,724**, representing an increase of 10.9% in relation to the 2012/2013 figure of 33,108. The total number of teachers in private kindergartens is **13,851**, representing an increase of 14.3% over the 2012/2013 figure of 12,115. The total number of teachers in both public and private kindergartens is **50,575**, representing an increase of 11.8% when compared with the 2012/2013 figure of 45,223.

TYPE OF EDUCATION	NUMBER OF TEACHERS		
	2012/2013	2013/2014	% Change
Public	33,108	<b>36,724</b>	10.9
Private	12,115	<b>13,851</b>	14.3
Total	45,223	<b>50,575</b>	11.8

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 (10,669) while the Upper West Region has the lowest number of teachers (1,214).

### 2.1.11 Percentage of Trained Teachers in Crèches and Nurseries

The percentage of trained teachers in public crèches and nurseries is **33.7%**, a decrease of 1.1% as compared to that of the 2012/2013 figure of 34.0% as shown in Table 2.1.11 below. In the Private crèches and nurseries, the percentage of trained teachers is **4.2%**, from 4.5% in 2012/2013, showing a decrease of 6.5%. In both public and private crèches and nurseries, the percentage of trained teachers is **5.5%**, representing a decrease of 18.1% when compared to the 2012/2013 figure of 6.7%.

TYPE OF EDUCATION	% OF TRAINED TEACHERS		
	2012/2013	2013/2014	% Change
Public	34.0	<b>33.7</b>	-1.1
Private	4.5	<b>4.2</b>	-6.5
Total	6.7	<b>5.5</b>	-18.1

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 Upper East Region has the highest percentage of trained teachers (9.2%) while the Brong Ahafo Region has the lowest figure (2.4%).

### 2.1.12 Percentage of Trained Teachers in Kindergarten

The percentage of trained teachers in public kindergartens is **54.8%**, showing an increase of 6.3% over the 2012/2013 figure of 51.6% as shown in Table 2.1.12 below. In private kindergartens, however, the percentage of trained teachers marginally reduced to **5.0%** in relation to the 5.2% of 2012/2013. In both public and private kindergartens, the percentage of trained teachers is **41.2%**, representing an increase of 5.2% over the 2012/2013 figure of 39.1%.

TYPE OF EDUCATION	% OF TRAINED TEACHERS		
	2012/2013	2013/2014	% Change
Public	51.6	<b>54.8</b>	6.3
Private	5.2	<b>5.0</b>	-3.1
Total	39.1	<b>41.2</b>	5.2

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 (53.7%) while the Western Region has the lowest figure (30.1%).

### 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 increased from 34:1 to **35:1** as compared to that of 2012/2013. In the private crèches and nurseries however pupil/teacher ratio decreased from 27:1 to **26:1** in 2013/2014. In both public and private crèches and nurseries also, the pupil/teacher ratio is unchanged at **27:1** in 2013/2014.

TYPE OF EDUCATION	PUPIL-TEACHER RATIO		
	2012/2013	<b>2013/2014</b>	% Change
Public	34	<b>35</b>	2.9
Private	27	<b>26</b>	-1.7
Total	27	<b>27</b>	0.0

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 (35:1) 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, decreased from 37:1 in 2012/2013 to **34:1** in 2013/2014. In the private kindergartens, pupil/teacher ratio also decreased from 31:1 in 2012/2013 to **29:1** in 2013/2014. In both public and private kindergartens, pupil/teacher ratio once again decreased from 35:1 in 2012/2013 to **33:1** in 2013/2014.

TYPE OF EDUCATION	PUPIL-TEACHER RATIO		
	2012/2013	<b>2013/2014</b>	% Change
Public	37	<b>34</b>	-8.7
Private	31	<b>29</b>	-6.5
Total	35	<b>33</b>	-8.3

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 (51:1) while the Greater Accra Region has the lowest figure (25:1).



## 2.2 PRIMARY SCHOOLS

### 2.2.1 Number of Primary Schools

The number of public primary schools is **14,142**, representing an increase of 0.2% on the 2012/2013 figure of 14,112 as indicated in Table 2.2.1 below. The number of private primary schools is **6,360**, showing an increase of 10.8% when compared to the 2012/2013 figure of 5,742. Thus, the total number of both public and private primary schools is **20,502**, representing an increase of 3.3% over the 2012/2013 figure of 19,854.

TYPE OF EDUCATION	NUMBER OF PRIMARY SCHOOLS		
	2012/2013	2013/2014	% Change
Public	14,112	<b>14,142</b>	0.2
Private	5,742	<b>6,360</b>	10.8
Total	19,854	<b>20,502</b>	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 (3,694) while the Upper West Region has the lowest number (600). For all regions there are more public primary schools than private ones except the Greater Accra Region (815 public against 1,353 private).

### 2.2.2 Enrolment in Primary Schools

As shown in Table 2.2.2 below, enrolment in public primary schools is **3,160,894**, showing an increase of 0.14% on the 2012/2013 figure of 3,156,572. Enrolment in private primary schools is **956,258**, representing an increase of 0.73% when compared with the 2012/2013 figure of 949,341. Thus, the total enrolment in both the public and private primary schools is **4,117,152**, showing an increase of .27% when related to the 2012/2013 figure of 4,105,913.

TYPE OF EDUCATION	ENROLMENT IN PRIMARY SCHOOLS		
	2012/2013	2013/2014	% Change
Public	3,156,572	<b>3,160,894</b>	0.14
Private	949,341	<b>956,258</b>	0.73
Total	4,105,913	<b>4,117,152</b>	0.27

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 (775,351) while the Upper West Region has the lowest enrolment (144,044). 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 4,105,913 in 2012/2013 to **4,117,152** in 2013/2014 at a growth rate of 0.3%. The gross enrolment ratio at primary school level for children in age group 6-11 years, increased from 105.0% in 2012/2013 to **107.3%** in 2013/2014, at a rate of 2.2%.

TYPE OF STATISTICS	GER IN PRIMARY SCHOOLS		
	2012/2013	2013/2014	% Change
Pop. 6-11yrs	3,909,857	<b>3,835,594</b>	-1.9
P1-6 Enrol.	4,105,913	<b>4,117,152</b>	0.3
GER	105.0	<b>107.3</b>	2.2

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 Western Region exhibits the highest gross enrolment ratio in primary schools (123.1%) while the Greater Accra Region has the lowest figure (91.9%).

### 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 3,286,472 in 2012/2013 to **3,424,146** in 2013/2014 at a rate of 4.2%. Also, the net enrolment rate at primary school level for children in age group 6-11 years increased from 84.1% in 2012/2013 to **89.3%** in 2013/2014 at a rate of 6.2%.

TYPE OF STATISTICS	NER IN PRIMARY SCHOOLS		
	2012/2013	2013/2014	% Change
Pop. 6-11yrs	3,909,857	<b>3,835,594</b>	-1.9
P1-6 Enrol. (6-11yrs)	3,286,472	<b>3,424,146</b>	4.2
NER	84.1	<b>89.3</b>	6.2

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 Western Region exhibits the highest net enrolment rate in primary schools (105.8%) while the Greater Accra Region has the lowest figure (75.4%).

## 2.2.5 Enrolment in Primary One

As shown in Table 2.2.5 below, Primary One enrolment in public primary schools is **559,078**, showing a decrease of 0.2% when compared to the 2012/2013 figure of 560,386. Primary One enrolment in private primary schools is **191,085**, representing an increase of 3.6% over the 2012/2013 figure of 184,468. Thus, the total enrolment in both the public and private primary schools is **750,163**, showing an increase of 0.7% when compared to the 2012/2013 figure of 744,854.

TYPE OF EDUCATION	ENROLMENT IN PRIMARY ONE		
	2012/2013	2013/2014	% Change
Public	560,386	<b>559,078</b>	-0.2
Private	184,468	<b>191,085</b>	3.6
Total	744,854	<b>750,163</b>	0.7

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 (134,588) while the Upper West Region has the lowest figure (31,064). 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. (Boys-36,063 and Girls-39,115)

## 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 744,854 in 2012/2013 to **750,163** in 2013/2014 at a rate of 0.7%. The gross admission ratio at primary school level for children at age 6 years show an increase from 107.8% in 2012/2013 to **112.9%** in 2013/2014 at a rate of 4.8%.

TYPE OF STATISTICS	GAR IN PRIMARY SCHOOLS		
	2012/2013	2013/2014	% Change
Pop. 6yrs	690,877	<b>664,249</b>	-3.9
P1 Enrol.	744,854	<b>750,163</b>	0.7
GAR	107.8	<b>112.9</b>	4.8

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 (162.3%) while the Greater Accra Region has the lowest figure (82.0%).

### 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 decreased from 547,752 in 2012/2013 to **510,199** in 2013/2014 at a rate of 6.9%. The net admission rate at primary school level for children at age 6 years also decreased from 79.3 in 2012/2013 to **76.8** in 2013/2014 at a rate of 3.1%.

Table 2.2.7 Net Admission Rate in Primary Schools 2012/2013 - 2013/2014			
TYPE OF STATISTICS	NAR IN PRIMARY SCHOOLS		
	2012/2013	2013/2014	% Change
Pop. 6yrs	690,877	<b>664,249</b>	-3.9
P1 Enrol. (6yr old)	547,752	<b>510,199</b>	-6.9
NAR	79.3	<b>76.8</b>	-3.1

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 (124.5%) while the Greater Accra Region has the lowest figure (56.3%).

### 2.2.8 Percentage of Girls' Enrolment in Primary Schools

As shown in Table 2.2.8 below the percentage of girls' enrolment in public primary schools remained unchanged at **48.7%** in 2013/2014. In private primary schools also, percentage of girls' enrolment remained unchanged at **49.8%** in 2013/2014. The Percentage of girls' enrolment in both public and private primary schools however increased to **49.0%** in 2013/2014 as against 48.9% in 2012/2013.

Table 2.2.8 Percentage of Girls Enrolment in Primary Schools 2012/2013 - 2013/2014			
TYPE OF EDUCATION	% OF GIRLS ENROLMENT		
	2012/2013	2013/2014	% Change
Public	48.7	<b>48.7</b>	0.00
Private	49.8	<b>49.8</b>	0.00
Total	48.9	<b>49.0</b>	0.01

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 (46.7%).

### 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 **97,739**, representing an increase of 3.0% in relation to the 2012/2013 figure of 94,905. The total number of teachers in private primary schools is **39,139**, representing an increase of 12.8% when compared to the 2012/2013 figure of 34,694. The total number of teachers in both public and private primary schools is **136,878**, representing an increase of 5.6% in relation to the 2012/2013 figure of 129,599.

TYPE OF EDUCATION	NUMBER OF TEACHERS		
	2012/2013	2013/2014	% Change
Public	94,905	<b>97,739</b>	3.0
Private	34,694	<b>39,139</b>	12.8
Total	129,599	<b>136,878</b>	5.6

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 (28,666) while the Upper West Region has the lowest figure (3,976).

### 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 **70.2%**, showing an increase of 1.2% over the 2012/2013 figure of 69.4%. In private primary schools, the percentage of trained teachers decreased from 9.2% in 2012/2013 to **7.8%** in 2013/2014 at a rate of 14.9%. In both public and private primary schools, the percentage of trained teachers is **52.4%**, representing a decrease of 1.7% over the 2012/2013 figure of 53.3%.

TYPE OF EDUCATION	% OF TRAINED TEACHERS		
	2012/2013	2013/2014	% Change
Public	69.4	<b>70.2</b>	1.2
Private	9.2	<b>7.8</b>	-14.9
Total	53.3	<b>52.4</b>	-1.7

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 Eastern Region exhibits the highest percentage of trained teachers (64.2%) while the Western Region has the lowest figure (42.3%).

### 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 decreased from 33:1 in 2012/2013 to **32:1** in 2013/2014. In the private schools also, the pupil/teacher ratio decreased from 27:1 in 2012/2013 to **24:1** in 2013/2014. In both public and private schools, the pupil/teacher ratio decreased from 32:1 in 2012/2013 to **30:1** in 2013/2014

TYPE OF EDUCATION	PUPIL-TEACHER RATIO		
	2012/2013	<b>2013/2014</b>	% Change
Public	33	<b>32</b>	-2.8
Private	27	<b>24</b>	-10.7
Total	32	<b>30</b>	-5.1

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 Eastern Regions have the lowest figure (26:1).

### 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 decreased from 113.8% in 2012/2013 to **99.0%** in 2013/2014. The completion rate for girls in primary schools also decreased from 111.0% in 2012/2013 to **95.9%** in 2013/2014. The completion rate for both sexes also decreased from 112.4% in 2012/2013 to **97.5%** in 2013/2014.

SEX	COMPLETION RATE		
	2012/2013	<b>2013/2014</b>	% Change
Boys	113.8	<b>99.0</b>	-13.0
Girls	111.0	<b>95.9</b>	-13.6
Total	112.4	<b>97.5</b>	-13.3

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 Western Region exhibits the highest completion rate (110.2%) while the Eastern Region has the lowest figure (90.5%).

### 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 the same at **0.99** in 2013/2014.

SEX	GENDER PARITY INDEX		
	2012/2013	2013/2014	% Change
Boys GER	105.5	<b>108.0</b>	2.4
Girls GER	104.5	<b>106.7</b>	2.0
Gender Parity Index	0.99	<b>0.99</b>	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 Greater Accra Region exhibits the highest gender parity index (1.06) while the Northern Region has the lowest figure (0.91).

## 2.3 JUNIOR HIGH SCHOOLS

### 2.3.1 Number of Junior High Schools

The number of public junior high schools is **9,076**, representing an increase of 2.9% over the 2012/2013 figure of 8,818 as indicated in Table 2.3.1 below. The number of private junior high schools is **4,006**, also showing an increase of 10.7% over the 2012/2013 figure of 3,618. Thus, the total number of both public and private junior high schools is **13,082**, representing an increase of 5.2% over the 2012/2013 figure of 12,436.

TYPE OF EDUCATION	NUMBER OF JHS		
	2012/2013	2013/2014	% Change
Public	8,818	<b>9,076</b>	2.9
Private	3,618	<b>4,006</b>	10.7
Total	12,436	<b>13,082</b>	5.2

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 (2,512) while the Upper West Region have the lowest number (417). 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 **1,178,344**, showing an increase of 1.8% over the 2012/2013 figure of 1,157,827. Enrolment in private junior high schools is **295,577**, representing an increase of 0.3% over the 2012/2013 figure of 294,758. Thus, the total enrolment in both the public and private junior high schools is **1,473,921**, showing an increase of 1.5% when related to the 2012/2013 figure of 1,452,585.

TYPE OF EDUCATION	ENROLMENT IN JHS		
	2012/2013	2013/2014	% Change
Public	1,157,827	<b>1,178,344</b>	1.8
Private	294,758	<b>295,577</b>	0.3
Total	1,452,585	<b>1,473,921</b>	1.5

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 (301,912) while the Upper West Region has the lowest number (48,000). 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 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 1,452,585 in 2012/2013 to **1,473,921** in 2012/2013 at a growth rate of 1.5%. The gross enrolment ratio (the proportion of children in school as a percentage of the population of the appropriate age) at junior high school decreased marginally for children in age group 12-14 years from 82.2% in 2012/2013 to **82.0%** in 2013/2014 at a rate of 0.2%

TYPE OF STATISTICS	GER IN JHS		
	2012/2013	2013/2014	% Change
Pop. 12-14yrs	1,766,416	<b>1,796,478</b>	1.7
JS1-3 Enrol.	1,452,585	<b>1,473,921</b>	1.5
GER	82.2	<b>82.0</b>	-0.2

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 (89.1%) while the Northern Region has the lowest ratio (66.0%). It is also observed in the table that gross enrolment ratio for boys is higher than that of girls for 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 844,835 in 2012/2013, to **883,463** in 2013/2014 at a growth rate of 4.6%. The net enrolment rate (proportion of appropriately aged children in school as a percentage of the population), also increased from 47.8% in 2012/2013 to **49.2%** in 2013/2014 at a rate of 2.8 in junior high school level for children in age group 12-14 .

TYPE OF STATISTICS	NER IN JHS		
	2012/2013	2013/2014	% Change
Pop. 12-14yrs	1,766,416	<b>1,796,478</b>	1.7
JS1-3 Enr.(12-14yrs)	844,835	<b>883,463</b>	4.6
NER	47.8	<b>49.2</b>	2.8

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 Greater Accra and Western Regions exhibits the highest net enrolment rate in junior high schools (55.7%) while the Northern Region has the lowest rate (38.3%).

### 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 **445,530**, showing an increase of 0.6% over the 2012/2013 figure of 442,936. JH1 enrolment in private junior high schools is **110,439**, representing an increase of 0.3% when related to the 2012/2013 figure of 110,143. Thus, JH1 enrolment in both the public and private junior high schools is **555,969**, showing an increase of 0.5% over the 2012/2013 figure of 553,079.

TYPE OF EDUCATION	ENROLMENT IN JHS1		
	2012/2013	2013/2014	% Change
Public	442,936	<b>445,530</b>	0.6
Private	110,143	<b>110,439</b>	0.3
Total	553,079	<b>555,969</b>	0.5

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 (112,217) while the Upper West Region has the smallest figure (18,559). It is also noted that boys' enrolment in JH1 is larger than that of girls for all regions with the 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 553,079 in 2012/2013 to **555,969** in 2013/2014 at a growth rate of 0.5%. The gross admission ratio at junior high school level for children at age 12 year increased from 86.4% in 2012/2013 to **91.8%** in 2013/2014 at a rate of 6.2%.

TYPE OF EDUCATION	GAR IN JHS		
	2012/2013	2013/2014	% Change
Pop. 12yrs	639,788	<b>605,783</b>	-5.3
JS1 Enrol.	553,079	<b>555,969</b>	0.5
GAR	86.4	<b>91.8</b>	6.2

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 (101.6%) while the Eastern and Volta Regions have the lowest ratio (86.8%). It is worth noting that gross admission ratio for boys, is higher than that of girls for most regions except the Greater Accra, 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 262,304 in 2012/2013 to **271,026** in 2013/2014 at a growth rate of 3.3%. The net admission rate at junior high school level for children at age 12 years also, increased from 41.0% in 2012/2013 to **44.7%** in 2013/2014 at a rate of 9.1%.

TYPE OF EDUCATION	NAR IN JHS		
	2012/2013	2013/2014	% Change
Pop. 12yrs	639,788	<b>605,783</b>	-5.3
JS1 Enrol. (12yrs)	262,304	<b>271,026</b>	3.3
NAR	41.0	<b>44.7</b>	9.1

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 (57.3%) while the Upper East Region has the lowest rate (31.9%).

### 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 47.1% in 2012/2013 to **47.6%** in 2013/2014. The percentage of girls' enrolment in private junior high schools also increased from 49.8% in 2012/2013 to **50.2%** in 2013/2014. The percentage of girls' enrolment in both public and private junior high schools increased from 47.7% in 2012/2013 to **48.1%** in 2013/2014.

TYPE OF EDUCATION	% OF GIRLS ENROLMENT		
	2012/2013	2013/2014	% Change
Public	47.1	<b>47.6</b>	0.9
Private	49.8	<b>50.2</b>	0.0
Total %	47.7	<b>48.1</b>	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 (51.4%) while the Northern Region has the lowest figure (43.4%).

### 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 **77,218**, representing an increase of 6.1% in relation to the 2012/2013 figure of 72,777. The total number of teachers in private junior high schools is **23,703**, representing an increase of 12.8% when related to the 2012/2013 figure of 21,020. The total number of teachers in both public and private junior high schools is **100,921**, representing an increase of 7.6% when compared with the 2012/2013 figure of 93,797.

Table 2.3.9 Number of teachers in Junior High Schools by Type of Education, 2012/2013 - 2013/2014			
TYPE OF EDUCATION	NUMBER OF TEACHERS		
	2012/2013	2013/2014	% Change
Public	72,777	<b>77,218</b>	6.1
Private	21,020	<b>23,703</b>	12.8
Total	93,797	<b>100,921</b>	7.6

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 (23,784) while the Upper West Region has the smallest number (2,959).

### 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 **84.5%**, showing an increase of 0.9% when compared with the 2012/2013 figure of 83.7%. In private junior high school, the percentage of trained teachers is only **16.5%**, showing a decrease of 5.7% when related to the 2012/2013 figure of 17.5%. In both public and private junior high schools, the percentage of trained teachers is **68.5%**, showing a decrease of 0.5% when compared with the 2012/2013 figure of 68.9%.

Table 2.3.10 Percentage of Trained Teachers in Junior High Schools, 2012/2013 - 2013/2014			
TYPE OF EDUCATION	% OF TRAINED TEACHERS		
	2012/2013	2013/2014	% Change
Public	83.7	<b>84.5</b>	0.9
Private	17.5	<b>16.5</b>	-5.7
Total	68.9	<b>68.5</b>	-0.5

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 (76.7%) while the Western Region has the lowest figure (58.1%).

### 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 decreased from 16:1 in 2012/2013 to **15:1** in 2013/2014. In the private schools, the pupil/teacher ratio also decreased from 14:1 in 2012/2013 to **12:1** in 2013/2014. In both public and private schools, the pupil/teacher ratio remained unchanged at **15:1** in 2013/2014.

TYPE OF EDUCATION	PUPIL-TEACHER RATIO		
	2012/2013	2013/2014	% Change
Public	16	<b>15</b>	-4.1
Private	14	<b>12</b>	-11.1
Total	15	<b>15</b>	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 Region exhibit the highest pupil/teacher ratio in junior high schools (20:1) while the Ashanti and Eastern Regions have the lowest figure (13:1).

### 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 74.9% in 2012/2013 to **72.0%** in 2013/2014. The completion rate for girls in junior high schools on the other hand increased from 65.3% in 2012/2013 to **65.8%** in 2013/2014. The completion rate for both boys and girls however decreased from 70.1% in 2012/2013 to **69.0%** in 2013/2014.

SEX	COMPLETION RATE		
	2012/2013	2013/2014	% Change
Boys	74.9	<b>72.0</b>	-3.8
Girls	65.3	<b>65.8</b>	0.9
Total	70.1	<b>69.0</b>	-1.6

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 Upper East Region exhibits the highest completion rate (102.5) while the Upper West Region has the lowest figure (44.1).

### 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 2012/2013 to **0.95** in 2013/2014. This shows an increase of **2.5%** in the gender parity index from 2012/2013 to 2013/2014.

SEX	GENDER PARITY		
	2012/2013	<b>2013/2014</b>	% Change
Boys GER	85.2	<b>84.0</b>	-1.4
Girls GER	79.2	<b>80.0</b>	1.0
Parity	0.93	<b>0.95</b>	2.5

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 (1.06) while the Northern Region has the lowest figure (0.83).