

SECONDARY EDUCATION STATS BRIEF

2015



STATISTICS BOTSWANA

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PREFACE

This publication gives preliminary highlights on Secondary Education statistics derived from data collected from Secondary schools through the 2015 annual school census.

The statistics provided will assist in monitoring the existing education policies, inform planning and decision making and serve as evidence on the country's progress towards meeting national and international obligations on the provision of secondary education.

We sincerely thank all the school heads and regional education officers who provided the required data for the production of this brief.



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Statistician General
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INTRODUCTION

The statistics in this report is based on data collected through the 2015 Secondary school annual census. The Annual Census of Schools is carried out by Education Management Information Systems (EMIS) unit in the Ministry of Basic Education under the Department of Educational Planning and Research Services hence the data analysis by Education Statistics Unit (Statistics Botswana). The data is collected annually from Government, Government Aided and privately owned secondary schools.

It should be noted that this publication mainly covers data for 2015. However, some data for previous years have been used for comparative analysis.

The statistics provided is mainly on school ownership, number of schools, enrolments, drop outs, re-entrants, teachers and their qualification. Indicators reported include; Enrolment rates, pupil/teacher ratio, Transition rates and dropout rates among others.

2.0 SECONDARY EDUCATION SCHOOL OWNERSHIP

Secondary school ownership in Botswana is mainly in three forms; government, government aided and privately owned schools. Government secondary schools are solely managed by Ministry of Basic Education, while the private schools are entities owned by individuals or companies and government aided schools are mission schools run by religious institutions (Roman Catholic Church and United Congregational Church of Southern Africa (UCCSA) in partnership with Ministry of Basic Education.

Table 2.1: Number of Secondary Schools by School Ownership (2005-2015)

Secondary School Ownership							
Years	Government	% Share	Government Aided	% Share	Private	% Share	Total
2005	230	82.7	4	1.4	44	15.8	278
2006	231	84.3	4	1.5	39	14.2	274
2007	231	87.2	4	1.5	30	11.3	265
2008	232	84.1	4	1.5	40	14.5	276
2009	232	84.1	4	1.5	40	14.5	276
2010	232	84.1	4	1.5	40	14.5	276
2011	234	84.2	4	1.4	40	14.4	278
2012	235	83	4	1.4	44	15.6	283
2013	235	82.5	4	1.4	46	16.1	285
2014	238	81.8	4	1.4	49	16.8	291
2015	237	80.9	4	1.4	52	17.8	293

Table 2.1 shows that there has been an increase of 5.1 percent on the number of secondary schools, from 278 in 2005 to 293 in 2015. Out of the 293 secondary schools, Government schools constituted 80.9 percent of all secondary schools in the country, while government aided and private schools constituted 1.4 and 17.8 percent respectively.

Table 2.2: Number of Secondary Schools by School Ownership and Region -2015

Region	Public	%	Private	%	Total	%
South East	27	60.0	18	40.0	45	15.5
North East	21	72.4	8	27.6	29	9.6
Southern	34	81.0	8	19.0	42	14.1
Kweneng	26	83.9	5	16.1	31	11.0
Kgatleng	11	91.7	1	8.3	12	4.12
North West	15	71.4	6	28.6	21	7.2
Chobe	2	100	-	-	2	0.7
Gantsi	5	100	-	-	5	1.7
Kgalagadi	7	100	-	-	7	2.4
Central	93	93.9	6	6.1	99	33.7
Total	241	82.3	52	17.7	293	100

****Government schools include Government and Government aided schools**

Table 2.2 shows that Central region had the highest percentage of Government secondary schools at 33.7 percent followed by Southern region with 14.1 percent. Chobe region had the lowest proportion of government secondary schools accounting for only 0.7 percent. On the other hand, South East region had the highest percentage of private schools (40.0%) followed by North West region with 28.6 percent, North East and Central region follow with 12.2 percent each. Chobe, Kgalagadi and Gantsi regions did not have private secondary schools.

3.0 SECONDARY EDUCATION ENROLMENT

Table 3.1: Secondary School Enrolment by School Ownership, Sex and Form- 2015

School ownership		FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	Total
Government	Male	20,999	20,506	20,378	9,853	10,403	-	75	82,214
	Female	20,661	21,203	20,582	12,630	12,303	-	69	87,448
	Total	41,660	41,709	40,960	22,483	22,706	0	144	169,662
Government Aided	Male	-	-	-	1,467	1,446	-	-	2,913
	Female	-	-	-	1,926	1,854	-	-	3,780
	Total	0	0	0	3393	3300	0	0	6693
Private	Male	585	607	727	752	771	266	8	3,716
	Female	627	608	734	780	857	217	2	3,825
	Total	1,212	1,215	1,461	1,532	1,628	483	10	7,541
All Schools	Male	21,584	21,113	21,105	12,072	12,620	266	83	88,843
	Female	21,288	21,811	21,316	15,336	15,014	217	71	95,053
	Total	42,872	42,924	42,421	27,408	27,634	483	154	183,896

Table 3.1 shows that secondary school enrolment in 2015 was at 183,896, which shows an increase of 1.1% (181,826) compared to 2014 enrolment. Female students accounted for 51.7% compared to their male counterparts with 48.3%.

Figure 1: Secondary School Enrolment by School Ownership-2015

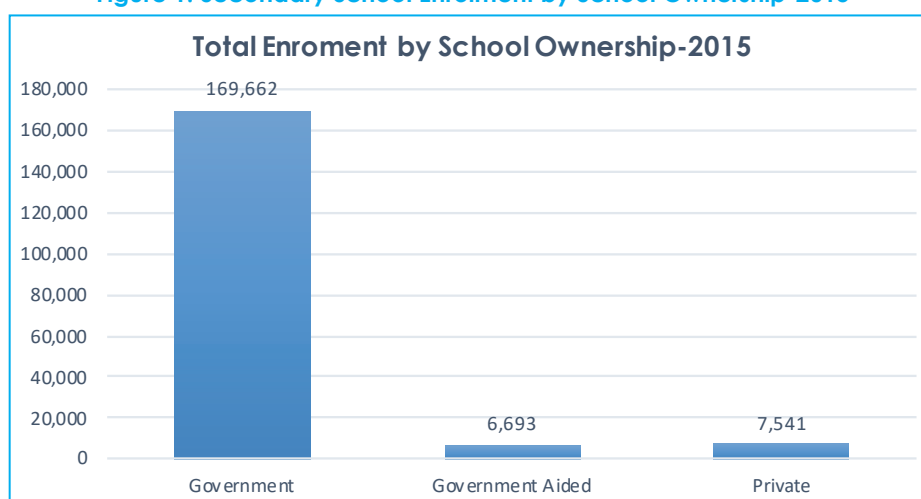


Figure 1 shows that secondary school enrolment in government secondary schools was at 169,662 constituting 92.3 percent, while the enrolment for Government aided schools was at 6,693 being 3.6 percent and Private schools had 7,541 students constituting 4.1 percent of total enrolment.

Table 3.2: Secondary School Enrolment by Region, Sex and Form- 2015

MALES								
REGION	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South East	2,656	2,743	2,671	2,604	2,614	225	32	13,545
North East	1,911	1,795	1,901	1,160	1,201	40	19	8,027
South	2,695	2,694	2,534	1,461	1,759	1	-	11,144
Kweneng	2,752	2,698	2,685	814	861	-	-	9,810
Kgatleng	1,030	965	964	393	419	-	29	3,800
North West	1,849	1,747	1,760	706	830	-	-	6,892
Chobe	198	202	220	-	-	-	-	620
Gantsi	370	359	333	268	334	-	-	1,664
Kgalagadi	581	546	520	262	281	-	-	2,190
Central	7,542	7,364	7,517	4,404	4,321	-	3	31,151
Total	21,584	21,113	21,105	12,072	12,620	266	83	88,843

Table 3.3: Secondary School Enrolment by Region, Sex and Form- 2015

FEMALES								
REGION	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South East	2,784	2,769	2,914	3,193	3,123	176	21	14,980
North East	1,779	1,918	1,914	1,452	1,328	39	19	8,449
South	2,707	2,674	2,566	1,883	2,134	2	-	11,966
Kweneng	2,783	2,763	2,725	1,028	1,097	-	-	10,396
Kgatleng	927	912	929	478	480	-	30	3,756
North West	1,860	1,825	1,813	1,024	982	-	-	7,504
Chobe	212	224	211	-	-	-	-	647
Gantsi	416	366	392	388	345	-	1	1,908
Kgalagadi	562	543	485	406	376	-	-	2,372
Central	7,258	7,817	7,367	5,484	5,149	-	-	33,075
Total	21,288	21,811	21,316	15,336	15,014	217	71	95,053

Table 3.4: Secondary School Enrolment by Region, Sex and Form- 2015

BOTH SEXES								
REGION	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South East	5,440	5,512	5,585	5,797	5,737	401	53	28,525
North East	3,690	3,713	3,815	2,612	2,529	79	38	16,476
South	5,402	5,368	5,100	3,344	3,893	3	-	23,110
Kweneng	5,535	5,461	5,410	1,842	1,958	-	-	20,206
Kgatleng	1,957	1,877	1,893	871	899	-	59	7,556
North West	3,709	3,572	3,573	1,730	1,812	-	-	14,396
Chobe	410	426	431	-	-	-	-	1,267
Gantsi	786	725	725	656	679	-	1	3,572
Kgalagadi	1,143	1,089	1,005	668	657	-	-	4,562
Central	14,800	15,181	14,884	9,888	9,470	-	3	64,226
Total	42,872	42,924	42,421	27,408	27,634	483	154	183,896

Table 3.4 shows that enrolment for the lower secondary was higher in Central region with the enrolments for the form 2 students, Chobe region recorded the lowest with 410 student who enrolled into form1. As for the higher secondary school enrolment Central region recorded the highest numbers for both form 4 and 5 followed by South East and the lowest enrollments were recorded in Chobe region.

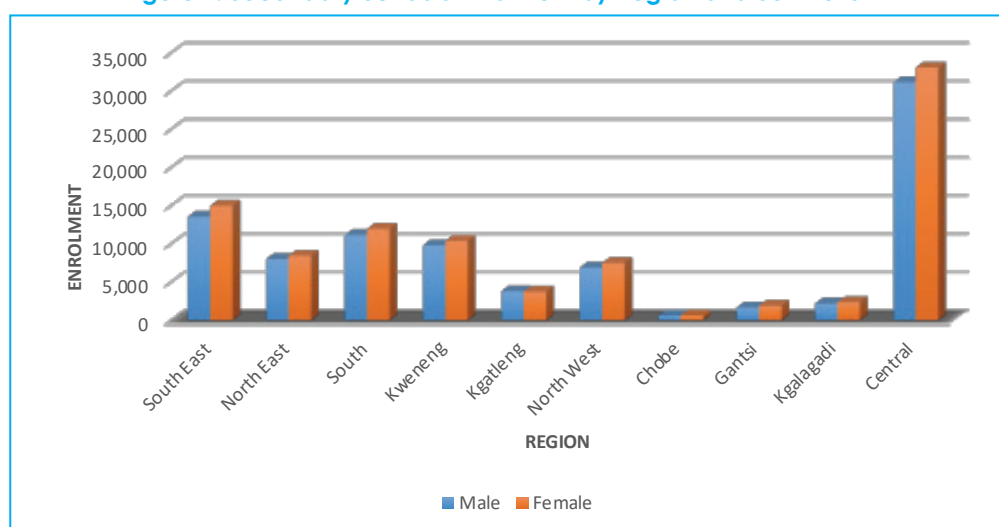
Figure 2: Secondary Schools Enrolment by Region and Sex-2015


Figure 2 shows that generally the sex ratio at enrolment into Secondary schools is in favour of female students compared to their male counterparts in all the 10 regions.

Table 3.5: Secondary School Enrolment by Single Age, Form, Sex and School Ownership – 2015

Government Schools															
Age in years	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		TOTAL		TOTAL
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
<12	10	5	-	-	-	-	-	-	-	-	-	-	10	5	15
12	502	830	18	28	-	-	-	-	-	-	-	-	520	858	1378
13	4307	6137	415	776	28	37	-	-	-	-	-	-	4750	6950	11700
14	8141	8640	3886	5916	379	687	2	6	-	-	-	-	12408	15249	27657
15	5515	3750	8025	9084	3438	5109	191	351	20	136	-	-	17189	18430	35619
16	1819	996	5655	4064	7767	9044	2118	3382	287	638	-	-	17646	18124	35770
17	495	247	1833	975	5714	4117	4542	6105	2142	3098	-	-	14726	14542	29268
18	140	43	478	245	2138	1166	2256	2037	4533	5715	-	-	9545	9206	18751
19	56	10	144	81	656	318	573	560	2407	1992	-	-	3836	2961	6797
20	14	3	37	30	190	73	120	128	679	444	-	-	1040	678	1718
21	-	-	15	4	51	22	38	44	207	193	-	-	311	263	574
22	-	-	-	-	17	9	7	12	81	49	-	-	105	70	175
23	-	-	-	-	-	-	6	5	44	33	-	-	50	38	88
24	-	-	-	-	-	-	-	-	3	5	-	-	3	5	8
>24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	20,999	20,661	20,506	21,203	20,378	20,582	9,853	12,630	10,403	12,303	-	-	82,139	87,379	169,518

**Excluding students in SPED Units - students in SPED units is not captured by age

Table 3.6: Secondary School Enrolment by Single Age, Form, Sex and School Ownership – 2015

Government Aided															
Age in years	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		TOTAL		TOTAL
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
<12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	32	46	3	1	-	-	35	47	82
16	-	-	-	-	-	-	272	406	50	91	-	-	322	497	819
17	-	-	-	-	-	-	618	794	338	536	-	-	956	1330	2286
18	-	-	-	-	-	-	330	380	502	616	-	-	832	996	1828
19	-	-	-	-	-	-	151	231	309	310	-	-	460	541	1001
20	-	-	-	-	-	-	51	55	135	167	-	-	186	222	408
21	-	-	-	-	-	-	10	11	63	67	-	-	73	78	151
22	-	-	-	-	-	-	3	3	37	56	-	-	40	59	99
23	-	-	-	-	-	-	-	-	7	10	-	-	7	10	17
24	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
>24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	1,467	1,926	1,446	1,854	-	-	2,911	3,780	6,691

**Excluding students in SPED Units - students in SPED units is not captured by age

Table 3.7: Secondary School Enrolment by Single Age, Form, Sex and School Ownership 2015

Private Schools															
Age in years	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		TOTAL		TOTAL
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
<12	32	59	-	-	-	-	-	-	-	-	-	-	32	59	91
12	153	205	14	31	-	-	-	-	-	-	-	-	167	236	403
13	235	239	112	140	16	14	-	-	-	-	-	-	363	393	756
14	124	106	285	291	88	136	26	26	-	-	-	-	523	559	1082
15	33	16	161	124	266	242	84	132	8	20	-	-	552	534	1086
16	6	2	20	15	147	145	234	255	71	80	23	26	501	523	1024
17	1	-	8	6	87	88	208	189	172	192	58	45	534	520	1054
18	1	-	3	1	76	68	114	79	177	167	78	67	449	382	831
19	-	-	3	-	30	17	44	30	140	154	56	54	273	255	528
20	-	-	1	-	11	5	19	15	103	107	33	16	167	143	310
21	-	-	-	-	6	2	6	8	42	49	17	9	71	68	139
22	-	-	-	-	-	17	3	2	15	28	1	-	19	47	66
23	-	-	-	-	-	-	14	44	14	11	-	-	28	55	83
24	-	-	-	-	-	-	-	-	29	49	-	-	29	49	78
>24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	585	627	607	608	727	734	752	780	771	857	266	217	3,708	3,823	7,531

Table 3.8: Secondary School Enrolment by Single Age, Form, Sex and School Ownership 2015

All Schools															
Age in years	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		TOTAL		TOTAL
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
<12	42	64	-	-	-	-	-	-	-	-	-	-	42	64	106
12	655	1035	32	59	-	-	-	-	-	-	-	-	687	1094	1781
13	4542	6376	527	916	44	51	-	-	-	-	-	-	5113	7343	12456
14	8265	8746	4171	6207	467	823	28	32	-	-	-	-	12931	15808	28739
15	5548	3766	8186	9208	3704	5351	307	529	31	157	-	-	17776	19011	36787
16	1825	998	5675	4079	7914	9189	2624	4043	408	809	23	26	18469	19144	37613
17	496	247	1841	981	5801	4205	5368	7088	2652	3826	58	45	16216	16392	32608
18	141	43	481	246	2214	1234	2700	2496	5212	6498	78	67	10826	10584	21410
19	56	10	147	81	686	335	768	821	2856	2456	56	54	4569	3757	8326
20	14	3	38	30	201	78	190	198	917	718	33	16	1393	1043	2436
21	-	-	15	4	57	24	54	63	312	309	17	9	455	409	864
22	-	-	-	-	17	26	13	17	133	133	1	-	164	176	340
23	-	-	-	-	-	-	20	49	65	54	-	-	85	103	188
24	-	-	-	-	-	-	-	-	34	54	-	-	34	54	88
>24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	21,584	21,288	21,113	21,811	21,105	21,316	12,072	15,336	12,620	15,014	266	217	88,760	94,982	183,742

4.0 SECONDARY SCHOOL ENROLMENT WITH DISABILITY

MoBE through RNPE (1994) is committed towards an inclusive education system and provision of special education. This in turn facilitates an increase in access to basic education by all including orphans, vulnerable children, children in difficult circumstances, children with special education needs and disability.

Some mechanisms that are in place to improve access for children with special education needs to secondary education include; building of special education units in existing schools, provision of equipment and infrastructure in main stream schools to support children with disability, as well as integrating and mainstream children with special educational needs and disability in to the mainstream. Currently there is one Government junior secondary school (JSS) and one senior secondary (SSS) with visual impairment special education unit, two JSS and one SSS with hearing impairment special education unit.

Table 4.1: Secondary School Enrolment with Special Education Needs by Form, Region and Sex-2015

REGION	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		TOTAL		TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
South East	101	106	60	81	110	96	70	114	40	51	3	3	384	451	835
North East	55	53	58	67	73	23	45	20	38	-	-	1	269	164	433
South	67	87	70	79	72	83	18	28	19	33	-	-	246	310	556
Kweneng	170	154	112	138	110	107	6	2	3	2	-	-	401	403	804
Kgatleng	38	43	41	34	44	46	6	5	10	5	-	-	139	133	272
North West	22	15	31	31	52	38	5	5	6	5	-	-	116	94	210
Chobe	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Gantsi	1	-	-	1	9	2	6	3	4	6	-	-	20	12	32
Kgalagadi	40	44	28	28	19	23	6	18	16	24	-	-	109	137	246
Central	227	193	194	218	203	123	113	192	173	180	-	-	910	906	1,816
Total	722	695	594	677	692	541	275	387	309	306	3	4	2595	2610	5,205

Table 4.2: Secondary School Enrolment with Special Education Needs by Type Of Impairment, Form and Sex-2015

Type of impairment	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		TOTAL		TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Visual	188	234	180	290	218	236	141	205	147	134	1	3	875	1,102	1,977
Blind	-	-	1	4	2	-	2	-	1	-	-	-	6	4	10
Physical	25	25	28	20	26	14	9	8	10	8	1	-	99	75	174
Hearing	59	55	45	53	41	34	17	10	14	14	-	-	176	166	342
Deaf	-	5	7	6	-	2	2	3	2	4	-	-	11	20	31
Speech	45	11	20	11	22	8	5	4	8	3	-	-	100	37	137
Intellect Disability	87	31	68	44	100	40	8	6	46	29	-	-	309	150	459
Class Skills Disorder	141	55	81	61	126	57	4	9	9	4	-	-	361	186	547
Attention Disorder	9	1	4	3	8	7	-	4	5	2	-	-	26	17	43
Life limit condition	1	7	2	6	2	1	1	3	2	7	-	-	8	24	32
Allergies	45	98	24	42	37	39	12	26	14	26	1	-	133	231	364
Arthritis	-	2	1	-	-	-	-	-	2	-	-	-	3	2	5
Asthma	92	118	88	100	71	86	48	85	37	63	-	1	336	453	580
Autism	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cerebral Palsy	-	-	-	-	1	1	1	-	1	-	-	-	3	1	6
Diabetes	3	5	2	2	5	1	2	1	2	2	-	-	14	11	25
Disturb Personality	-	-	4	1	8	4	-	-	-	1	-	-	12	6	24
Epilepsy	10	20	21	14	13	4	15	19	6	5	-	-	65	62	127
Others	17	28	18	20	12	7	8	4	3	4	-	-	58	63	121
TOTAL	722	695	594	677	692	541	275	387	309	306	3	4	2,595	2,610	5,205

Table 4.2 shows that visual impairment is the leading type of disability among constituting 38.0 percent of all the impairment types followed by Asthma and Class Skills Disorder at 11.1 percent & 10.5 percent respectively. The table indicates that Special education needs is high among Form 1s for both sexes compared to other form levels and least among the Form 6 and Form 5s respectively.

5.0 SECONDARY SCHOOL ENROLMENT TREND

The secondary school enrolment trend presented in table 5.1 is from 2006 to 2015. However, it should be observed that there were no enrolment figures for 2010 and 2011 therefore, Education Enrolment Projections 2004 -2016 figures were used to estimate the enrolments for affected years.

5.1 Secondary School Enrolment by Form and Sex (2006-2015).

Year	Sex	Form 1	Form 2	Form 3	Form 4	Form 5	Form 6	SPED	Total
2006	Male	19,704	19,404	18,895	9,654	9,581	192	-	77,430
	Female	21,154	20,149	19,857	12,909	11,101	167	-	85,337
	Total	40,858	39,553	38,752	22,563	20,682	359	-	162,767
2007	Male	20,528	18,870	18,577	11,525	11,259	152	-	80,911
	Female	21,372	20,487	19,255	13,286	12,770	139	-	87,309
	Total	41,900	39,357	37,832	24,811	24,029	291	-	168,220
2008	Male	20,100	19,970	18,791	12,076	11,601	220	-	82,758
	Female	20,882	21,057	20,095	14,506	13,368	202	-	90,110
	Total	40,982	41,027	38,886	26,582	24,969	422	-	172,868
2009	Male	19,982	19,468	19,471	10,870	12,664	90	101	82,646
	Female	20,537	20,093	20,382	13,154	14,639	418	117	89,340
	Total	40,519	39,561	39,853	24,024	27,303	508	218	171,986
2010	Total	40,600	39,700	39,800	26,700	23,800	-	-	170,600
2011	Total	39,200	39,600	38,900	29,600	26,100	-	-	173,400
2012	Male	20,593	19,743	19,499	11,965	11,354	188	84	83,426
	Female	20,921	19,896	19,755	14,466	13,986	164	55	89,243
	Total	41,514	39,639	39,254	26,431	25,340	352	139	172,669
2013	Male	21,022	19,844	19,308	12,432	12,021	184	49	84,860
	Female	21,438	20,297	19,253	15,154	14,271	193	43	90,649
	Total	42,460	40,141	38,561	27,586	26,292	377	92	175,509
2014	Male	21,298	21,275	20,045	12,450	12,272	250	65	87,655
	Female	21,901	21,463	20,508	14,994	15,032	211	62	94,171
	Total	43,199	42,738	40,553	27,444	27,304	461	127	181,826
2015	Male	21,584	21,113	21,105	12,072	12,620	266	83	88,843
	Female	21,288	21,811	21,316	15,336	15,014	217	71	95,053
	Total	42,872	42,924	42,421	27,408	27,634	483	154	183,896

Due to unavailability of actual data for 2010 and 2011, the education enrolment projections from CSO (2005); Education Enrolment Projection 2004-2016 has been used as estimates for 2010 and 2011 enrolment

There was a rapid increase in secondary school enrolment from 2006 to 2015. However, a slight decrease occurred from 2009 -2010 followed by slight increase in 2011 and 2013. A slight increase of 1.1 percent was recorded between 2014 and 2015.

6.0 SECONDARY SCHOOL EDUCATION COVERAGE

Indicators used to measure the extent of coverage and participation in the education system are Age Specific Enrolment Ratio (ASER), Gross Enrolment Ratio (GER) and Net Enrolment Ratio (NER). These indicators were derived using population aged 13-17 years and 14 -18 years and secondary school enrolment figures of the same age groups.

Table 6.1: Secondary School Age Specific Enrolment Rates (ASER)-2015

Single Age	2015 Population	Total Enrolment	Age Specific Enrolment Rate (ASER)
<12	43,042	106	0.2
12	42,545	1781	4.2
13	42,083	12456	29.6
14	41,695	28739	68.9
15	41,410	36787	88.8
16	41,290	37613	91.1
17	41,391	32608	78.8
18	41,635	21410	51.4
19	42,036	8326	19.8
20	42,445	2436	5.7
21	42,482	864	2
22	42,069	340	0.8
23	41,355	188	0.5
24	40,375	88	0.2

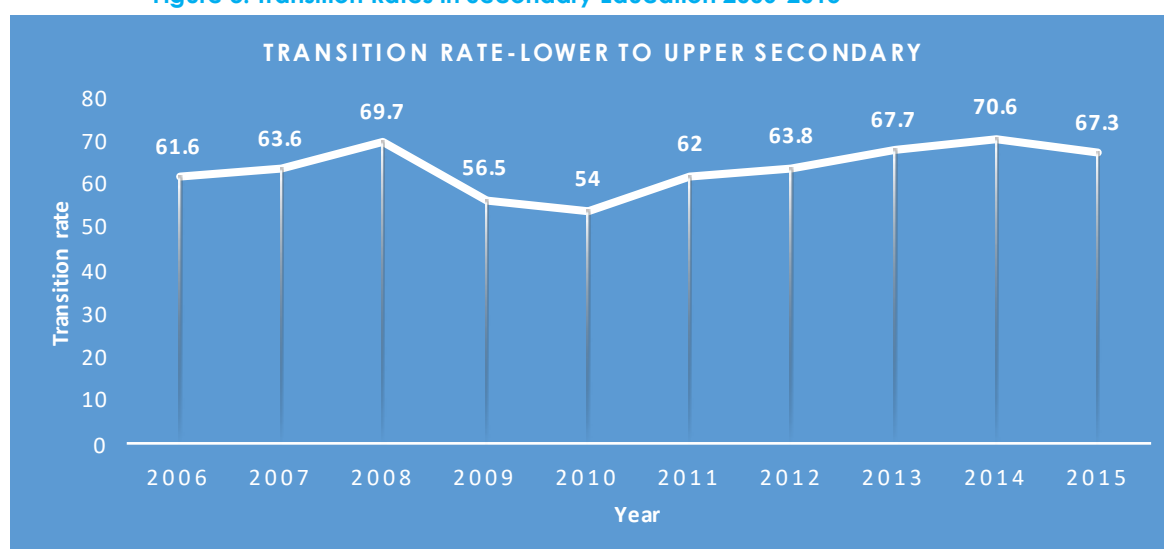
Table 6.1 shows that 91.1 percent of population aged 16 years were enrolled in secondary schools, followed by 88.8 percent of population aged 15 years and 78.8 percent of the 17 year old population. Age Specific Enrolments ages has increased in the above mentioned years compared to 2014 where 87.4 percent of population aged 16 years were enrolled in secondary schools, followed by 85.7 percent of population aged 14 years and 77.7 of population aged 17 years respectively. Less than 10 percent of population 12 years and below and 20 years and above respectively were enrolled in secondary schools.

Table 6.2: Enrolment Ratios for both Sexes by Age-Group and Year 2002-2015

YEAR	GER	NER	GER	NER
	13-17 years	13-17 years	14-18 years	14-18 years
2002	77.3	58.8	78.3	66.9
2003	77.2	60	78.1	67.7
2004	77.6	60.1	78.3	68.1
2005	77.8	61.1	78.2	68.3
2006	79.6	62.2	79.9	70.5
2007	81.6	63.2	81.7	71
2008	84.1	65.6	83.9	73.2
2009	84.1	-	83.7	-
2010	-	-	-	-
2011	84.3	64.7	84.1	-
2012	81.2	64.2	81	70.7
2013	81.1	64.1	80.9	70
2014	87.6	69.9	87.4	75.1
2015	88.4	71.3	88.6	75.8

*Note: - indicates unavailability of the indicator due to the unavailability of data
2011 GER & NER are drawn from 2011 Population and Housing Census Data.*

The theoretical school going age for secondary school (Form 1 to Form 5) is 13 – 17 years. Table 6.2 shows that GER for age group 13-17 years increased from 77.3 percent in 2002 to 88.4 percent in 2015, showing an increase of 11.1 percent over 14 years. On the other hand, NER for students aged 13 - 17 years increased from 58.8 percent to 71.3 percent in 2015 showing an increase of 12.5 percent. Furthermore, GER and NER for students aged 14 - 18 continued to be higher than that of students aged 13 - 17 years indicating that the majority of secondary school students are aged between 14 - 18 years. Generally, the increase in GER and NER since 2002 indicates an increase in access to secondary education over a decade.

Figure 3: Transition Rates in Secondary Education 2006-2015


Source of Data: Education Statistics Reports

7.0 SECONDARY SCHOOL DROP-OUTS, REPEATERS AND RE-ENTRANTS

SCHOOL DROP-OUTS

Table 7.1 below shows that generally most of the secondary school dropouts were at Junior secondary schools with higher proportions in form 1 and form 2. Form 1 male dropouts were higher than female dropouts in 2012 and 2013. It must be noted that a change was recorded for the 2014 year where female dropouts were generally higher than that of their male counterparts. As for 2015 female dropouts are much more higher than males.

7.1: Secondary School Dropout by Form and Sex 2012-2015

Years	Sex	Form1	Form 2	Form 3	Form 4	Form 5	Form 6	Sped	Total
2012	Male	379	323	285	74	121	15	1	1,198
	Female	350	390	407	248	262	-	1	1,658
	Total	729	713	692	322	383	15	2	2,856
	%	25.5	25	24.2	11.3	13.4	0.5	0.1	100
2013	Male	306	246	162	52	82	1	3	852
	Female	274	353	364	286	327	1	7	1,612
	Total	580	599	526	338	409	2	10	2,464
	%	23.5	24.3	21.3	13.7	16.6	0.1	0.4	100
2014	Male	285	295	225	82	80	2	1	970
	Female	300	379	460	305	316	-	1	1,761
	Total	585	674	685	387	396	2	2	2,731
	%	21.4	24.7	25.1	14.2	14.5	0.1	0.1	100
2015	Male	376	338	288	118	121	1	5	1247
	Female	286	398	482	356	357	1	2	1882
	Total	662	736	770	474	478	2	7	3129
	%	21.2	23.5	24.6	15.1	15.3	0.1	0.2	100

TABLE 7.2 :Number of Secondary Drop-outs by Region, Form and Sex-2015

Boys								
Region	FORM1	FORM2	FORM3	FORM4	FORM5	FORM6	SPED	TOTAL
South East	20	16	32	40	23	-	-	131
North East	15	17	12	3	11	1	-	59
Southern	43	39	37	20	6	-	-	145
Kweneng	46	48	32	14	15	-	-	155
Kgatleng	11	5	9	-	-	-	-	25
North West	64	42	40	7	21	-	-	174
Chobe	3	1	1	-	-	-	-	5
Gantsi	36	20	13	2	3	-	-	74
Kgalagadi	23	21	10	1	1	-	-	56
Central	115	129	102	31	41	-	5	423
Total	376	338	288	118	121	1	5	1247

Girls								
Region	FORM1	FORM2	FORM3	FORM4	FORM5	FORM6	SPED	TOTAL
South East	12	16	43	46	49	1	1	168
North East	14	19	26	26	11	-	-	96
Southern	39	43	52	52	40	-	-	226
Kweneng	36	65	59	22	21	-	-	203
Kgatleng	5	11	10	6	4	-	1	37
North West	25	52	72	31	24	-	-	204
Chobe	3	4	-	-	-	-	-	7
Gantsi	34	17	21	10	20	-	-	102
Kgalagadi	16	17	15	26	20	-	-	94
Central	102	154	184	137	168	-	-	745
Total	286	398	482	356	357	1	2	1882

ALL								
Region	FORM1	FORM2	FORM3	FORM4	FORM5	FORM6	SPED	TOTAL
South East	32	32	75	86	72	1	1	299
North East	29	36	38	29	22	1	-	155
Southern	82	82	89	72	46	-	-	371
Kweneng	82	113	91	36	36	-	-	358
Kgatleng	16	16	19	6	4	-	1	62
North West	89	94	112	38	45	-	-	378
Chobe	6	5	1	-	-	-	-	12
Gantsi	70	37	34	12	23	-	-	176
Kgalagadi	39	38	25	27	21	-	-	150
Central	217	283	286	168	209	-	5	1168
Total	662	736	770	474	478	2	7	3129

Table 7.2 indicates 60.1 percent of the total dropouts were females as opposed to 39.9 males. The statistics further indicate that Form 3 drop-outs comprised of 24.6 percent of all dropouts.

Table 7.3: Secondary School Dropout by Reason, Form and Sex - 2015

Boys								
	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
Fees	2	3	20	30	20	1	1	77
Expulsion	1	2	2	3	4	-	-	12
Illness	22	23	20	13	26	-	3	107
Marriage	-	-	-	-	-	-	-	-
Pregnancy	-	-	-	-	-	-	-	-
Bullying	4	5	7	-	-	-	-	16
Truancy	321	262	206	60	58	-	-	907
Substance Abuse	2	1	4	1	4	-	-	12
Poor Performance	-	3	3	-	-	-	-	6
Parents Abuse	-	-	-	-	-	-	-	-
Corporal Punishment	-	-	-	-	-	-	-	-
Teacher Abuse	-	-	-	-	-	-	-	-
Child Labor	-	12	4	1	-	-	-	17
Religion	-	-	1	-	-	-	-	1
Other	24	27	21	10	9	-	1	92
Total	376	338	288	118	121	1	5	1247
Girls								
	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
Fees	3	2	11	20	25	-	-	61
Expulsion	-	1	-	-	-	-	-	1
Illness	17	25	29	11	36	-	1	119
Marriage	-	-	-	1	-	-	-	1
Pregnancy	49	101	209	230	223	-	1	813
Bullying	5	3	2	-	-	-	-	10
Truancy	185	234	204	88	66	-	-	777
Substance Abuse	-	-	-	-	-	-	-	-
Poor Performance	-	2	1	-	-	-	-	3
Parents Abuse	-	-	1	-	-	-	-	1
Corporal Punishment	-	-	-	-	-	-	-	-
Teacher Abuse	-	-	-	-	-	-	-	-
Child Labor	8	8	6	3	1	-	-	26
Religion	-	-	-	-	1	-	-	1
Other	19	22	19	3	5	1	-	69
Total	286	398	482	356	357	1	2	1882

Both sexes								
	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
Fees	5	5	31	50	45	1	1	138
Expulsion	1	3	2	3	4	-	-	13
Illness	39	48	49	24	62	-	4	226
Marriage	-	-	-	1	-	-	-	1
Pregnancy	49	101	209	230	223	-	1	813
Bullying	9	8	9	-	-	-	-	26
Truancy	506	496	410	148	124	-	-	1684
Substance e Abuse	2	1	4	1	4	-	-	12
Poor Performance	-	5	4	-	-	-	-	9
Parents Abuse	-	-	1	-	-	-	-	1
Corporal Punishment	-	-	-	-	-	-	-	-
Teacher Abuse	-	-	-	-	-	-	-	-
Child Labor	8	20	10	4	1	-	-	43
Religion	-	-	1	-	1	-	-	2
Other	43	49	40	13	14	1	1	161
Total	662	736	770	474	478	2	7	3129

Figure 4: Number of Secondary School Drop-outs by Level per Year (2005-2015)

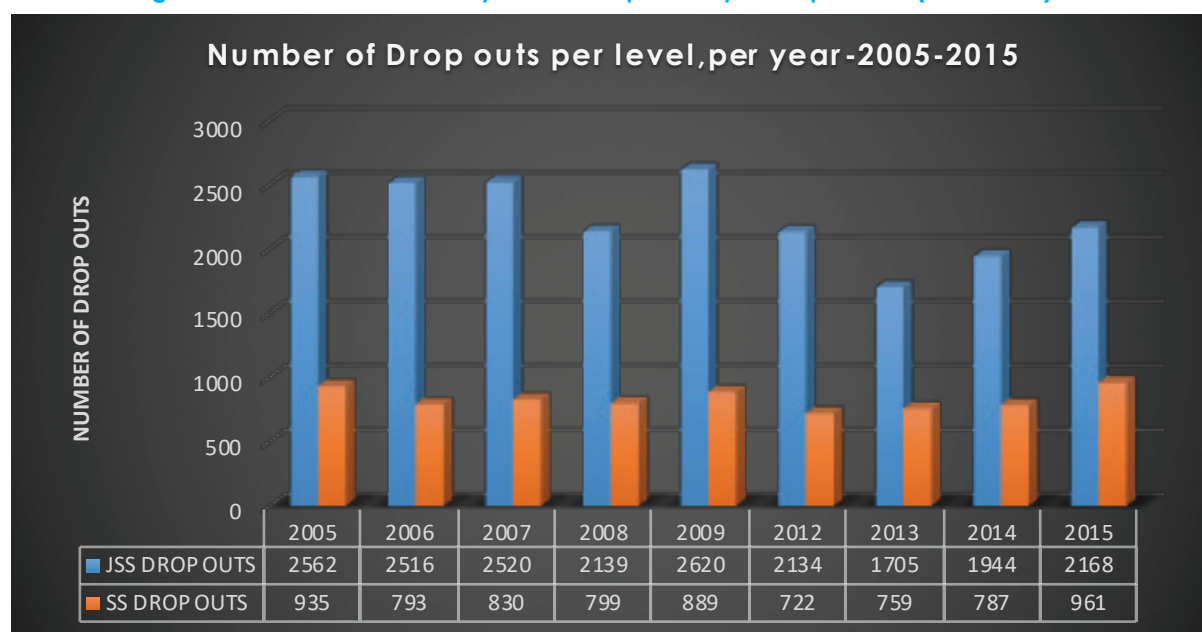


Figure 4 indicates that the majority of the secondary drop-outs are from junior secondary school level with the recorded highest year of 2009 at 2620 students.

REPEATERS

Table 7.4: Secondary School Repeaters by Form and Sex-2015

REGION	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		TOTAL		TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
South East	7	5	7	8	67	111	4	7	53	64	-	-	138	195	333
North East	-	-	3	-	8	82	14	6	1	-	1	-	27	88	115
South	5	3	2	5	12	72	9	1	57	129	-	-	85	210	295
Kweneng	2	1	1	3	34	84	1	9	46	72	-	-	84	169	253
Kgatleng	2	1	-	-	2	36	-	-	-	-	-	-	4	37	41
North West	-	-	2	-	54	51	5	32	94	138	-	-	155	221	376
Chobe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gantsi	3	5	4	6	3	9	-	-	53	3	-	-	63	23	86
Kgalagadi	-	-	-	-	-	4	-	-	-	-	-	-	-	4	4
Central	-	1	1	7	3	228	5	19	2	4	-	-	11	259	270
Total	19	16	20	29	183	677	38	74	306	410	1	0	567	1206	1773

In 2015, the total number of repeaters was 1773 compared to 760 recorded in 2014. Female students who repeated a grade/form were more than their male counterparts. The highest number of repeaters by form was 677 at Form 3 for females compared to the 183 Male repeaters for the same year. Repeaters at form 3 and form 5 are normally students who had not performed well in JCE and BGCSE the previous years. In 2015, the highest number of repeating students recorded were in North West Region followed by South East region. Chobe recorded no repeaters for the year 2015.

RE-ENTRANTS

Table 7.5: Secondary School Re-entrants by Form and Sex-2015

Sex	Form 1	Form 2	Form 3	Form 4	Form 5	Form 6	SPED	Total
Male	67	73	70	79	63	-	1	353
Female	58	127	166	183	134	-	-	668
Total	125	200	236	262	197	0	1	1021
%	12.2	19.6	23.1	25.7	19.3	0.0	0.1	100.0

In 2015, the female re-entrants constituted 68.2 percent of the total re-entrants. Most of the re-entrants; 25.7 percent, were in Form 4 followed by those in Form 3 and Form 2 with 23.1 and 19.6 percent respectively (Table 7.5).

8.0 SECONDARY SCHOOL TEACHERS 2015

Table 8.1: Secondary School Teachers by Employment Status-2015

Region	Teachers in Post (Permanent & Pensionable)			Teachers on study leave			Temporary Teachers			Total		
	Male	Fem	Total	Male	Fem	Total	Male	Fem	Total	Male	Fem	Total
South East	841	1337	2178	42	76	118	120	141	261	1003	1554	2557
North East	500	611	1111	53	86	139	109	111	220	662	808	1470
Southren	814	981	1795	56	67	123	105	103	208	975	1151	2126
Kweneng	584	818	1402	58	66	124	73	91	164	715	975	1690
Kgatleng	232	295	527	34	35	69	47	64	111	313	394	707
North West	495	460	955	45	40	85	74	78	152	614	578	1192
Chobe	31	43	74	9	3	12	6	9	15	46	55	101
Gantsi	137	106	243	10	8	18	31	26	57	178	140	318
Kgalagadi	176	132	308	19	15	34	33	30	63	228	177	405
Central	2094	2423	4517	112	99	211	147	209	356	2353	2731	5084
TOTAL	5904	7206	13110	438	495	933	745	862	1607	7087	8563	15650

Teachers employed on Permanent and pensionable basis constituted 83.8 percent of all the secondary school teachers in 2015. Those on study leave constituted only 6.0 percent. Central Region recorded the highest numbers in all the categories compared to other regions, followed by South East region.

Figure 5: Secondary Schools Teachers by Citizenship-2015

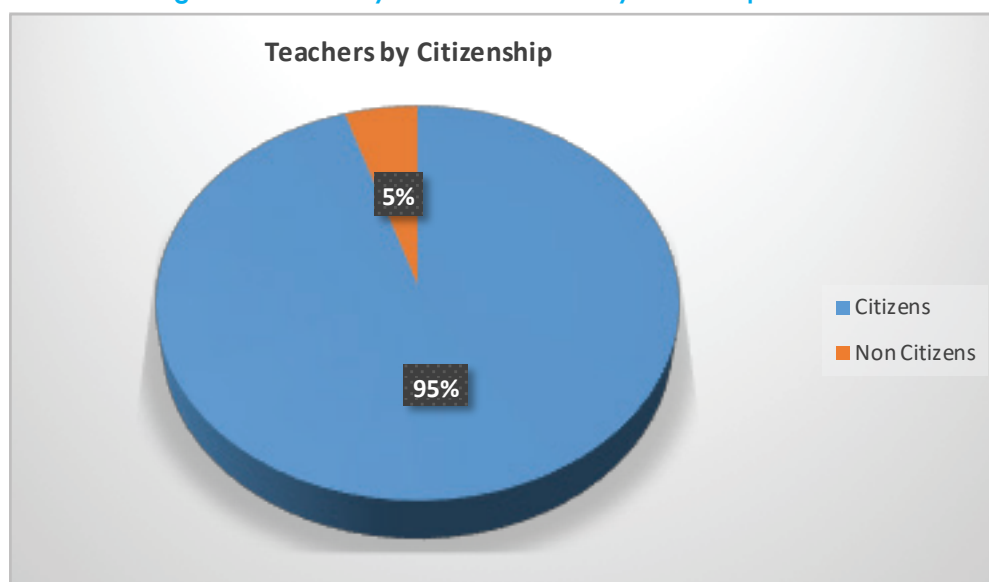


Table 8.2: Secondary School Teachers by Region and Qualification-2015

REGION	QUALIFICATION											Total
	Dip. Ed	B.Ed.	BA + CCE	BA + PGDE	BSC+ PGDE	BSC IN EDUC	M. Ed	Mphil/ PhD	Other	SUB TOTAL	Unqualified	
South East	634	744	56	589	192	89	83	10	155	2552	5	2557
North East	615	362	17	229	65	62	14	14	79	1457	13	1470
Southren	876	573	29	375	53	36	19	-	142	2103	23	2126
Kweneng	771	412	36	292	34	43	18	-	84	1690	-	1690
Kgatleng	312	168	3	152	23	20	3	1	18	700	7	707
North West	552	249	8	201	38	36	2	2	76	1164	28	1192
Chobe	67	16	-	9	1	5	-	-	3	101	-	101
Gantsi	121	128	-	48	4	10	-	1	4	316	2	318
Kgalagadi	168	121	3	77	11	4	-	-	17	401	4	405
Central	2659	1081	75	761	108	140	24	12	198	5058	26	5084
TOTAL	6775	3854	227	2733	529	445	163	40	776	15542	108	15650

Figure 6: Secondary School Teachers by Qualification -2015

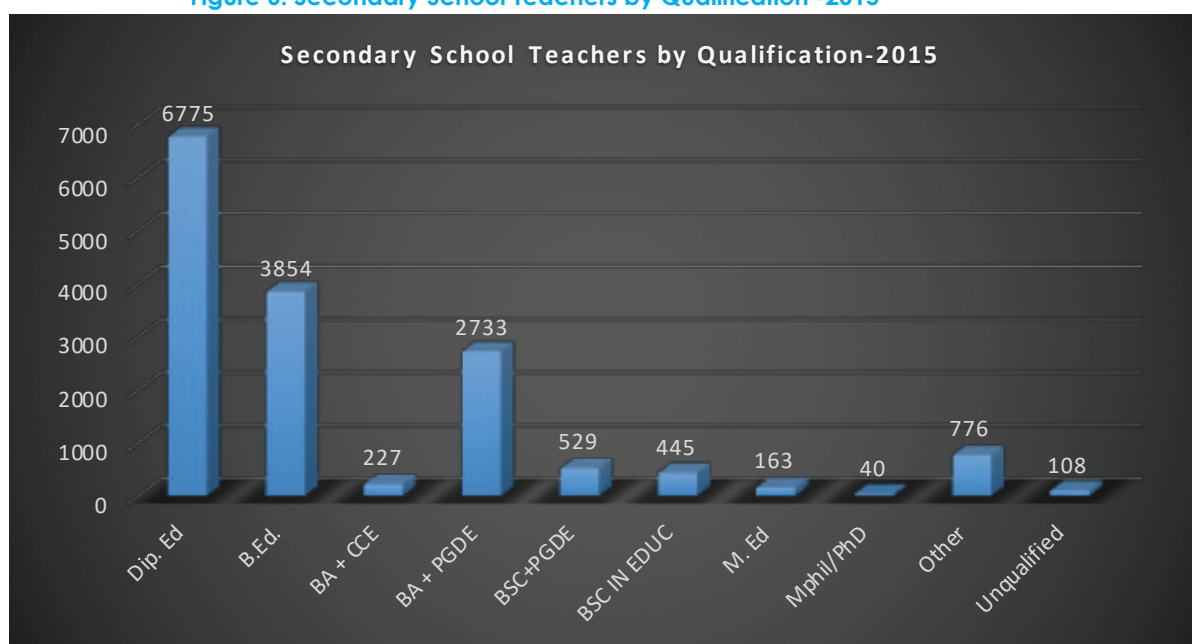


Table 8.3: Number of Secondary School Teachers 2004-2015

Training Status	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Trained	9,987	10,791	11,347	11,910	12,691	-	-	-	14,051	15,414	15,748	15,542
Untrained	633	382	206	120	144	-	-	-	30	57	69	108
Total Teachers	10,620	11,173	11,553	12,030	12,835	-	-	-	14,081	15,471	15,817	15,650
% Untrained	6	3.4	1.8	1	1.1	-	-	-	0.2	0.37	0.44	0.69

The number of untrained teachers in secondary schools has been declining over time. This is indicated by percentage of untrained teachers which reduced from 6.0 percent in 2004 to 0.37 percent in 2013, However a slight increase of 0.25 percent is noted in number of untrained teachers in 2015 compared to 2014.

LIST OF ACRONYMS

B. A	Bachelor of Arts
B. Ed	Bachelor of Education
BGCSE	Botswana General Certificate of Secondary Education
CCE	Certificate in Counselling Education
CSO	Central Statistics Office
Dip. Ed.	Diploma in Education
EFA	Education For All
GER	Gross Enrolment Ratio
GPI	Gender Parity Index
JCE	Junior Certificate Examination
JSS	Junior Secondary School
M.Ed	Master in Education
MDGs	Millennium Development Goals
MFD	Ministry of Finance & Development Planning
MOESD	Ministry of Education & Skills Development
NDP	National Development Plan
NER	Net Enrolment Ratio
NGO	Non- Governmental Organisation
PGDE	Post Graduate Diploma in Education
PGDCE	Post Graduate Diploma in Counselling Education
RNPE	Revised National Policy on Education
SEN	Special Education Needs
SPED	Special Education
SSS	Senior Secondary School
UCCSA	United Congregational Church of Southern Africa
UPE	Universal Primary Education

Appendix 1: Indicators for Education

ACCESS

Total Enrolment: Total number of learners in the system.

Age Specific Enrolment Ratio: Enrolment of the population of a specific age / Population of that specific age)*100. Age Specific Enrolment Ratio (ASER) is percentage of the population of a specific age enrolled. It shows the extent of the population of a specific age cohort in educational activity.

Gross Enrolment Ratio (GER): Number of pupils enrolled in a given level of education, regardless of age, expressed as a percentage of the population in the theoretical age group for the same level of education; Total enrolment in primary / Population of that specific age group 6-12yrs) *100.

Net Enrolment Ratio (NER): Number of pupils in the theoretical age group for a given level of education enrolled in that level expressed as a percentage of the total population in that age group.; Enrolment of specific age group 6-12 years/ Population of that specific age group 6-12yrs) *100.

Net Intake Rate (NIR): Number of new entrants in the first grade of primary education who are of the theoretical primary school entrance age, expressed as a percentage of the population of the same age.

Gross Intake Rate (GIR): Total number of new entrants in the first grade of primary education regardless of age, expressed as a percentage of the population of the theoretical entrance age to primary education.

QUALITY

Student Teacher Ratio: Average number of pupil per teacher at the level of education specified in a given school year, based on headcounts for both pupils and teachers; Total enrolment / Total number of teachers.

Student Classroom Ratio: Average number of pupil per classroom at the level of education specified in a given school year, based on headcounts for both pupils and classrooms; total enrolment / Total number of classrooms.

Percentage of Trained Teachers: Number of teachers who have received the minimum organised teacher-training (pre-serviced or in service) required for teaching at the relevant level of education in the given country, expressed as a percentage of the total number of teachers at the given level of education.

Pass Rate: Percentage of candidates with Grade C or better as an overall percentage.

EFFICIENCY

Transition Rate from Primary to secondary: Number of new entrants to the first grade of secondary education in a given year, expressed as a percentage of the number of pupils enrolled in the final grade of primary education in the previous year.

Dropout Rate: Is the proportion of pupils who leave the system without completing a given grade in a given year.

Percentage of Repeaters: Number of pupils who are enrolled in the same grade (or level) as the previous year, expressed as a percentage of the total enrolment in the given grade or level of education.

Survival Rates: Survival rates are calculated on the basis of the reconstructed cohort method, which uses data

on enrolment and repeaters for two consecutive years. It is to be interpreted as the percentage of children who start primary education who will reach a given grade.

EQUITY

Gender Parity Index (GPI): Ratio of the female to male values of a given indicator. A GPI 1 indicates parity between sexes.

