

SECONDARY EDUCATION STATISTICS BRIEF 2014



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STATISTICS BOTSWANA

Preface

This publication gives preliminary highlights on Secondary Education statistics derived from data collected from Secondary schools through the 2014 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.



Dr Burton Mguni
Acting Statistician General
March 2017

1.0 Introduction

The statistics in this report is based on data collected through the 2014 Secondary school annual census. The annual school census is carried out in collaboration with Education Management Information Systems (EMIS) unit in the Ministry of Basic Education under the Department of Educational Planning and Research Services. 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 2014. 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– 2005-2014**

Years	Secondary School Ownership						Total
	Government	% Share	Government Aided	% Share	Private	% Share	
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

Table 2.1 shows that there has been an increase of 4.5 percent on the number of secondary schools, from 278 in 2005 to 291 in 2014. Out of the 291 secondary schools, Government schools constituted 81.8 percent of all secondary schools in the country, while government aided and private schools constituted 1.4 and 16.8 percent respectively.

Table 2.2: Number of Secondary Schools by School Ownership and Region-2014

Region	Public**	%	Private	%	Total	%
South East	27	11.2	18	36.7	45	15.46
North East	21	8.7	7	14.3	28	9.62
South	36	14.9	5	10.2	41	14.09
Kweneng	26	10.7	6	12.2	32	11.00
Kgatleng	11	4.5	1	2.0	12	4.12
North West	15	6.2	6	12.2	21	7.22
Chobe	2	0.8	-	0.0	2	0.69
Gantsi	5	2.1	-	0.0	5	1.72
Kgalagadi	7	2.9	-	0.0	7	2.41
Central	92	38.0	6	12.2	98	33.68
Total	242	100.0	49	99.8	291	100.00

**Government schools include Government and Government aided schools

Table 2.2 shows that the Central region had the highest percentage of Government secondary schools at 38.0 percent followed by South region with 14.9 percent. Chobe region had the lowest proportion of government secondary schools accounting for only 0.8 percent. On the other hand, South East region had the highest percentage of private schools (36.7%) followed by North East region with 14.3 percent, Kweneng, North West and Central region follow with 12.2 percent each. Chobe, Kgalagadi and Gantsi regions did not have private secondary schools. A decrease in total number of schools was observed in Central region from 101 in 2013 to 98 in 2014 and an increase is observed mainly in South East region from 42 schools in 2013 to 45 in 2014.

3.0 Secondary Education Enrolment

Table 3.1: Secondary School Enrolment by School Ownership, Sex and Form- 2014

School ownership		FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	Total
Government	Male	20,686	20,650	19,320	9,520	9,337	-	65	79,578
	Female	21,291	20,847	19,805	11,540	11,438	-	62	84,983
	Total	41,977	41,497	39,125	21,060	20,775	-	127	164,561
Government Aided	Male	-	-	-	2,147	2,133	-	-	4,280
	Female	-	-	-	2,635	2,599	-	-	5,234
	Total	-	-	-	4,782	4,732	-	-	9,514
Private	Male	612	625	725	783	802	250	-	3,797
	Female	610	616	703	819	995	211	-	3,954
	Total	1,222	1,241	1,428	1,602	1,797	461	-	7,751
All Schools	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

Table 3.1 shows that secondary school enrolment in 2014 was at 181,826, which shows an increase of 3.6% (175,509) as compared to 2013 enrolment. Female students accounted for 51.8% compared to their male counterparts with 48.2%.

Figure 1: Secondary School Enrolment by School Ownership– 2014

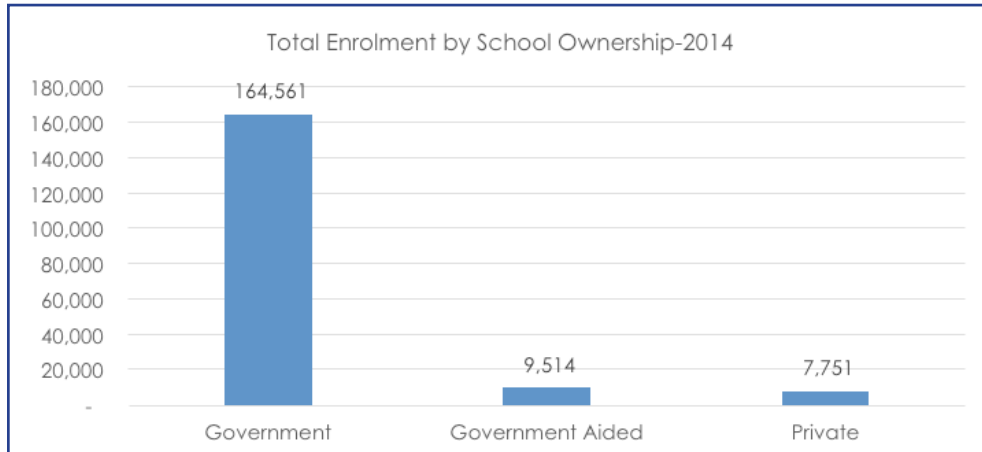


Figure 1 shows that secondary school enrolment in government secondary schools was at 164,561 constituting 90.5 percent, while the enrolment for government aided schools was at 6,514 being 5.2 percent and private schools had 7,751 students constituting 4.3 percent of total enrolment.

Table 3.2: Secondary School Enrolment by Region, Sex and Form– 2014

MALES								
REGION	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South Est	2,741	2,706	2,514	2,604	2,578	213	30	13,386
North East	1,906	1,920	1,821	1,225	1,163	35	20	8,090
South	2,731	2,688	2,547	1,662	1,564	1	-	11,193
Kweneng	2,824	2,747	2,569	891	989	-	-	10,020
Kgatleng	990	951	914	444	402	-	-	3,701
North West	1,783	1,791	1,721	720	698	-	-	6,713
Chobe	200	226	205	-	-	-	-	631
Gantsi	397	350	306	289	309	-	11	1,662
Kgalagadi	571	549	510	280	253	-	-	2,163
Central	7,155	7,347	6,938	4,335	4,316	1	4	30,096
Total	21,298	21,275	20,045	12,450	12,272	250	65	87,655

Table 3.3: Secondary School Enrolment by Region, Sex and Form– 2014

FEMALES								
REGION	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South Est	2,797	2,928	2,644	3,061	3,209	172	18	14,829
North East	1,933	1,921	1,905	1,388	1,322	37	27	8,533
South	2,775	2,565	2,486	1,974	1,945	1	-	11,746
Kweneng	2,859	2,770	2,604	1,115	1,232	-	-	10,580
Kgatleng	924	954	898	456	476	-	-	3,708
North West	1,898	1,794	1,844	926	946	-	-	7,408
Chobe	219	222	177	-	-	-	-	618
Gantsi	394	409	333	361	373	-	15	1,885
Kgalagadi	540	508	527	404	353	-	-	2,332
Central	7,562	7,392	7,090	5,309	5,176	1	2	32,532
Total	21,901	21,463	20,508	14,994	15,032	211	62	94,171

Table 3.2 and **table 3.3** shows the enrolment by region and form for males and females respectively.

Table 3.4 : **Secondary School Enrolment by Region, Sex and Form– 2014**

Both Sexes								
REGION	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South Est	5,538	5,634	5,158	5,665	5,787	385	48	28,215
North East	3,839	3,841	3,726	2,613	2,485	72	47	16,623
South	5,506	5,253	5,033	3,636	3,509	2	-	22,939
Kweneng	5,683	5,517	5,173	2,006	2,221	-	-	20,600
Kgatleng	1,914	1,905	1,812	900	878	-	-	7,409
North West	3,681	3,585	3,565	1,646	1,644	-	-	14,121
Chobe	419	448	382	-	-	-	-	1,249
Gantsi	791	759	639	650	682	-	26	3,547
Kgalagadi	1,111	1,057	1,037	684	606	-	-	4,495
Central	14,717	14,739	14,028	9,644	9,492	2	6	62,628
Total	43,199	42,738	40,553	27,444	27,304	461	127	181,826

Table 3.4 shows that in 2014 secondary school enrolment was higher in Central region with 62,628 students followed by South East and South regions with 28,215 and 22,939 students respectively. Chobe being the smallest region had the lowest enrolment of 1,249.

Figure 2: **Secondary School Enrolment by Region and Sex-2014**

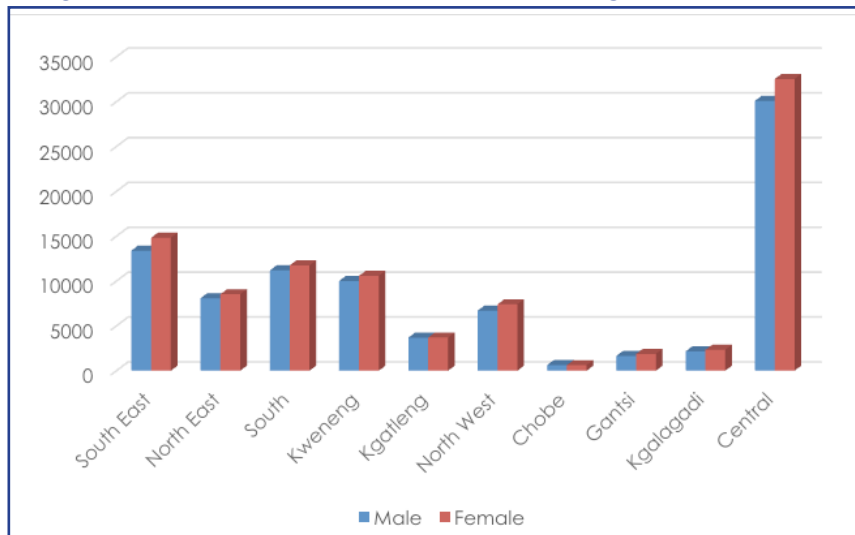


Figure 2 shows that female enrolment in secondary schools is slightly higher than that of their male counterparts across all the regions except for Chobe and Kgatleng where female and male enrolment is almost equal.

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Table 3.5: Secondary School Enrolment by Single Age, Form, Sex and School Ownership– 2014

Government owned 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	4	13	-	-	-	-	-	-	-	-	-	-	4	13	17
12	410	783	8	22	-	-	-	-	-	-	-	-	418	805	1,223
13	4,120	6,181	473	754	5	29	-	-	-	-	-	-	4,598	6,964	11,562
14	8,180	9,024	3,837	5,703	277	620	3	2	-	-	-	-	12,297	15,349	27,646
15	5,464	3,974	7,774	8,760	2,908	4,723	153	332	4	11	-	-	16,303	17,800	34,103
16	1,770	977	5,587	4,088	7,558	8,984	1,672	2,731	175	299	-	-	16,762	17,079	33,841
17	504	247	2,112	1,074	5,486	3,928	4,220	5,606	1,862	2,834	-	-	14,184	13,689	27,873
18	171	70	612	323	2,243	1,133	2,587	2,277	4,337	5,980	-	-	9,950	9,783	19,733
19	37	14	179	101	629	292	676	444	2,169	1,770	-	-	3,690	2,621	6,311
20	26	8	49	16	158	71	156	92	558	390	-	-	947	577	1,524
21	-	-	19	6	36	22	32	35	172	103	-	-	259	166	425
22	-	-	-	-	20	3	17	17	34	33	-	-	71	53	124
23	-	-	-	-	-	-	4	4	18	12	-	-	22	16	38
24	-	-	-	-	-	-	-	-	8	6	-	-	8	6	14
>24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	20,686	21,291	20,650	20,847	19,320	19,805	9,520	11,540	9,337	11,438	-	-	79,513	84,921	164,434

**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(cont.) – 2014

Government Aided 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1
15	-	-	-	-	-	-	55	93	-	-	-	-	55	93	148
16	-	-	-	-	-	-	371	605	42	64	-	-	413	669	1,082
17	-	-	-	-	-	-	1,006	1,269	440	698	-	-	1,446	1,967	3,413
18	-	-	-	-	-	-	438	349	932	1,157	-	-	1,370	1,506	2,876
19	-	-	-	-	-	-	142	151	461	439	-	-	603	590	1,193
20	-	-	-	-	-	-	59	57	142	129	-	-	201	186	387
21	-	-	-	-	-	-	41	60	80	69	-	-	121	129	250
22	-	-	-	-	-	-	30	42	27	35	-	-	57	77	134
23	-	-	-	-	-	-	4	9	7	6	-	-	11	15	26
24	-	-	-	-	-	-	-	-	2	2	-	-	2	2	4
>24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	2,147	2,635	2,133	2,599	-	-	4,280	5,234	9,514

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

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Table 3.7: Secondary School Enrolment by Single Age, Form, Sex and School Ownership(cont.) – 2014

Privately Owned 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	23	23	-	-	-	-	-	-	-	-	-	-	23	23	46
12	93	135	9	13	-	-	-	-	-	-	-	-	102	148	250
13	274	314	87	117	5	13	-	-	-	-	-	-	366	444	810
14	181	117	279	303	56	80	28	39	-	-	-	-	544	539	1,083
15	36	16	199	150	208	247	100	127	34	37	-	-	577	577	1,154
16	3	4	35	25	217	193	224	265	80	99	58	47	617	633	1,250
17	1	1	12	5	118	76	232	165	161	180	69	69	593	496	1,089
18	1	-	4	3	66	53	97	79	156	184	73	62	397	381	778
19	-	-	-	-	34	23	40	40	133	190	33	19	240	272	512
20	-	-	-	-	14	9	30	34	124	148	13	9	181	200	381
21	-	-	-	-	5	7	8	14	54	67	1	2	68	90	158
22	-	-	-	-	2	2	8	11	29	35	3	3	42	51	93
23	-	-	-	-	-	-	16	45	6	16	-	-	22	61	83
24	-	-	-	-	-	-	-	-	25	39	-	-	25	39	64
>24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	612	610	625	616	725	703	783	819	802	995	250	211	3,797	3,954	7,751

Tables 3.5 to 3.7 shows enrolment by single age , form, sex for government schools, government aided and private schools respectively.

Table 3.8: Secondary School Enrolment by Single Age, Form, Sex and School Ownership (cont.) – 2014

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	27	36	-	-	-	-	-	-	-	-	-	-	27	36	63
12	503	918	17	35	-	-	-	-	-	-	-	-	520	953	1,473
13	4,394	6,495	560	871	10	42	-	-	-	-	-	-	4,964	7,408	12,372
14	8,361	9,141	4,116	6,006	333	700	32	41	-	-	-	-	12,842	15,888	28,730
15	5,500	3,990	7,973	8,910	3,116	4,970	308	552	38	48	-	-	16,935	18,470	35,405
16	1,773	981	5,622	4,113	7,775	9,177	2,267	3,601	297	462	58	47	17,792	18,381	36,173
17	505	248	2,124	1,079	5,604	4,004	5,458	7,040	2,463	3,712	69	69	16,223	16,152	32,375
18	172	70	616	326	2,309	1,186	3,122	2,705	5,425	7,321	73	62	11,717	11,670	23,387
19	37	14	179	101	663	315	858	635	2,763	2,399	33	19	4,533	3,483	8,016
20	26	8	49	16	172	80	245	183	824	667	13	9	1,329	963	2,292
21	-	-	19	6	41	29	81	109	306	239	1	2	448	385	833
22	-	-	-	-	22	5	55	70	90	103	3	3	170	181	351
23	-	-	-	-	-	-	24	58	31	34	-	-	55	92	147
24	-	-	-	-	-	-	-	-	35	47	-	-	35	47	82
>24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	21,298	21,901	21,275	21,463	20,045	20,508	12,450	14,994	12,272	15,032	250	211	87,590	94,109	181,699

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

Table 3.8 shows secondary school enrolment distributed by age and School ownership. The enrolment is concentrated between 13 and 19 years. However, because of inclusive education the enrolment ranges from less than 12 years to over 23 years.

4. SECONDARY SCHOOL ENROLMENT WITH DISABILITY

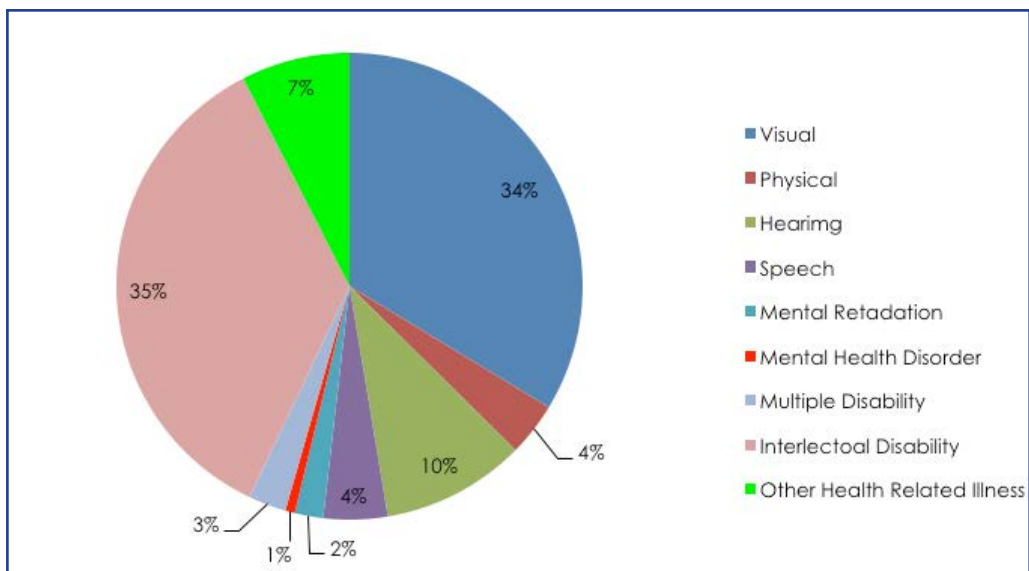
Ministry of Basic Education (MoBE through the Revised National Policy on Education (RNPE (1994) is committed towards an inclusive education system and provision of special education. This has resulted in an increase in access to education by all including orphans, vulnerable children, children in difficult circumstances, children with special education needs and disability.

Some of the mechanisms in place to improve access for children with special education needs to secondary education is; 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 education 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 by Form and Region -2014**

REGION	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		SPED		TOTAL		TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
South East	166	98	147	140	197	137	91	142	116	110	2	3	30	18	749	648	1,397
North East	128	104	151	101	146	85	22	41	26	51	-	-	-	-	473	382	855
South	113	87	65	64	79	89	3	6	7	10	-	-	-	-	267	256	523
Kweneng	107	101	109	89	100	77	1	-	14	43	-	-	-	-	331	310	641
Kgatleng	62	31	83	57	57	50	12	6	9	7	-	-	-	-	223	151	374
North West	104	43	139	81	139	57	4	4	11	6	-	-	-	-	397	191	588
Chobe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gantsi	23	34	27	34	8	17	-	-	-	-	-	-	-	-	58	85	143
Kgalagadi	17	19	11	17	4	6	-	1	-	-	-	-	-	-	32	43	75
Central	454	369	468	320	484	386	30	55	18	28	-	-	-	-	1,454	1,158	2,612
Total	1,174	886	1,200	903	1,214	904	163	255	201	255	2	3	30	18	3,984	3,224	7,208

Figure 3: **Secondary School Enrolment with Special Education Needs by Types of Impairment Form and Sex – 2014**



5.0 ENROLMENT TREND

The secondary school enrolment trend presented in table 5.1 is from 2006 to 2014. 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.

Table 5.1: **Secondary School Enrolment by Form and Sex – 2006-2014**

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

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 2014. However, a slight decrease occurred from 2009 – 2010 followed by slight increase in 2011 and 2013. An increase of 3.5 percent was recorded between 2013 and 2014.

6.1 EDUCATION COVERAGE

Indicators used to measure the extent of coverage and participation in the education system are Age Specific Enrolment Rates (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) -2014

Single Age	2014 Population	Total Enrolment	Age Specific Enrolment Rate (ASER)
<12	42,528	63	0.1
12	42,067	1,473	3.5
13	41,678	12,372	29.7
14	41,400	28,730	69.4
15	41,305	35,405	85.7
16	41,406	36,173	87.4
17	41,651	32,375	77.7
18	42,052	23,387	55.6
19	42,427	8,016	18.9
20	42,524	2,292	5.4
21	42,110	833	2
22	41,394	351	0.8
23	40,411	147	0.4
24	39,631	82	0.2

***2014 Population projections : BOTSWANA POPULATION PROJECTIONS 2011 – 2026
(Statistics Botswana Report)

Table 6.1 shows that 87.4 percent of population 16 years were enrolled in secondary schools, followed by 85.7 percent of population aged 15 years and 77.7 percent of the 17 year old population. Age Specific Enrolments ages has increased in the above mentioned years as compared to 2013 where 80.8 percent of population 16 years were enrolled in secondary schools, followed by 75.5 percent of population aged 14 years and 17 years respectively. Less than 10 percent of population 12 years and below and 20 years and above respectively were enrolled in secondary schools.

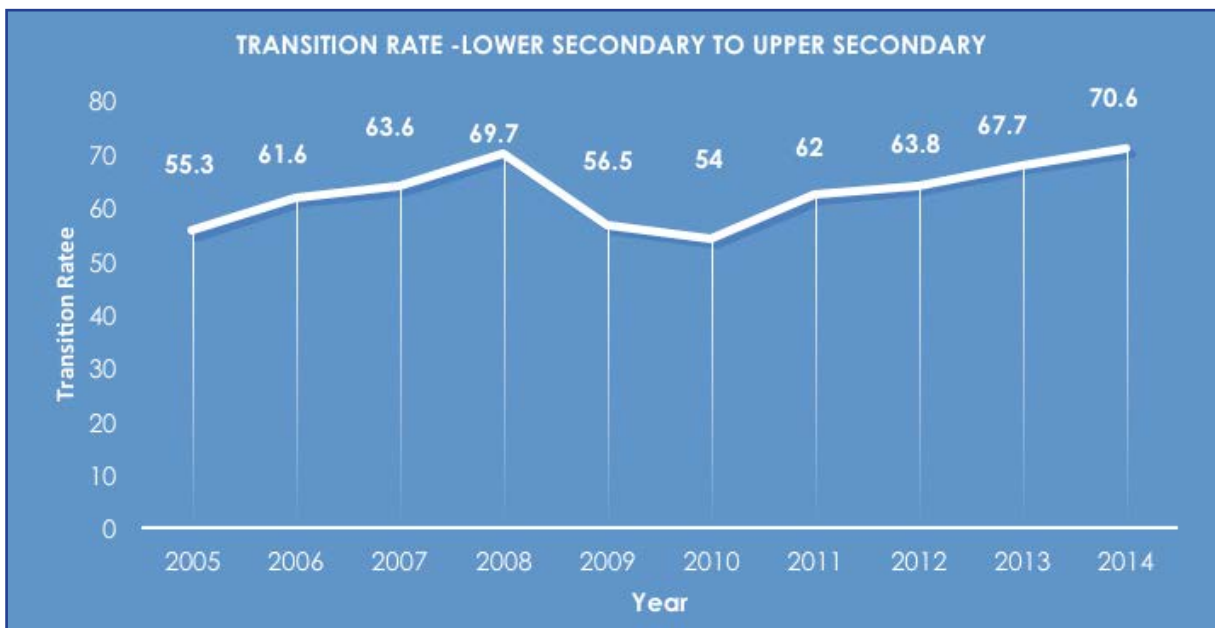
Table 6.2 Enrolment Ratios for both sexes by Age-Group and Year 2003-2013

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

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 87.6 percent in 2014, showing an increase of 13.3 percent over 13 years. On the other hand, NER for students aged 13 - 17 years increased from 58.8 percent to 69.9 percent in 2014 showing an increase of 18.9 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 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 4: **Transition Rates in Secondary Education - 2005 -2014**



Source of Data: Education Statistics Reports

As shown in in Figure 4, Transition rates from lower (Form 3) to upper secondary (Form 4) while it fluctuated over the years has increased from 55.3 percent in 2005 to 70.6 percent in 2014. The highest transition rate was recorded in 2008 at 69.7 followed by 67.7 percent in 2013 before increasing to 70.6 percent in 2014. On the other hand the lowest rate was observed in 2010 at 54.0 percent. According to MFDP,(2009: 95): National Development Plan (NDP 9) the targeted transition rate from junior to senior secondary education was 70.0 percent. However, this was only attained during the course of the Tenth National Development Plan in 2014.

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

School Drop-outs

Table 7.2 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. However, in 2014 female dropouts were generally higher than that of their male counterparts.

Table 7.1: Secondary School Dropout by Form and Sex 2012-2014

Years	Sex	Form 1	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	0	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	0	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

Table 7.2: Number of Secondary School Drop-outs by Region, Form and Sex – 2014

Boys								
Region	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South East	7	10	15	22	30	-	-	84
North East	10	15	12	-	6	-	-	43
Southern	48	39	31	10	6	-	-	134
Kweneng	51	43	43	2	6	-	-	145
Kgatleng	7	13	9	-	-	-	-	29
North West	29	39	23	9	7	-	1	108
Chobe	2	3	-	-	-	-	-	5
Gantsi	21	25	4	5	2	-	-	57
Kgalagadi	22	16	12	7	2	-	-	59
Central	88	92	76	27	21	2	-	306
Total	285	295	225	82	80	2	1	970

Girls								
Region	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South East	3	12	33	34	34	-	-	116
North East	23	22	37	18	20	-	-	120
Southern	39	68	60	51	46	-	-	264
Kweneng	58	54	66	10	11	-	-	199
Kgatleng	16	16	7	-	13	-	1	53
North West	28	58	83	21	42	-	-	232
Chobe	1	3	3	-	-	-	-	7
Gantsi	17	18	11	15	14	-	-	75
Kgalagadi	18	9	20	13	15	-	-	75
Central	97	119	140	143	121	-	-	620
Total	300	379	460	305	316	-	1	1,761

Both sexes								
Region	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South East	10	22	48	56	64	-	-	200
North East	33	37	49	18	26	-	-	163
Southern	87	107	91	61	52	-	-	398
Kweneng	109	97	109	12	17	-	-	344
Kgatleng	23	29	16	-	13	-	1	82
North West	57	97	106	30	49	-	1	340
Chobe	3	6	3	-	-	-	-	12
Gantsi	38	43	15	20	16	-	-	132
Kgalagadi	40	25	32	20	17	-	-	134
Central	185	211	216	170	142	2	-	926
Total	585	674	685	387	396	2	2	2,731

Table 7.2 indicates 64.5 percent of the total dropouts were females as oppose to 35.5 percent males . The statistics further indicate that Form 4 female drop-outs comprised of more than 75 percent of all dropouts in form . In Chobe region form 2 dropouts for male and female students were at par .

Table 7.3: Secondary School Dropout by Reason, Form and Sex - 2014

Boys								
	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
Fees	1	4	7	20	18	-	-	50
Expulsion	-	-	5	3	12	-	-	20
Illness	13	13	24	8	8	-	-	66
Marriage	-	-	-	-	-	-	-	0
Pregnancy	-	-	-	-	-	-	-	0
Bullying	10	14	11	-	-	-	-	35
Truancy	221	221	151	45	37	2	1	678
Substance Abuse	-	3	1	1	-	-	-	5
Poor Performance	1	-	3	-	-	-	-	4
Parents Abuse	3	2	1	-	-	-	-	6
Corporal Punishment	-	-	-	-	-	-	-	0
Teacher Abuse	-	-	-	-	-	-	-	0
Child Labor	-	-	-	-	-	-	-	0
Religion	-	-	-	1	-	-	-	1
Other	36	38	22	4	5	-	-	105
Total	285	295	225	82	80	2	1	970

Table 7.4 Secondary School Dropout by Reason, Form and Sex – 2014(Cont)

Girls								
	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
Fees	-	2	9	24	15	-	-	50
Expulsion	-	-	-	-	-	-	-	0
Illness	16	14	27	10	19	-	-	86
Marriage	1	5	8	0	0	-	-	14
Pregnancy	74	139	195	218	216	-	1	843
Bullying	9	6	11	0	1	-	-	27
Truancy	168	178	174	43	58	-	-	621
Substance Abuse	-	-	-	1	1	-	-	2
Poor Performance	-	-	-	-	-	-	-	0
Parents Abuse	4	2	2	-	-	-	-	8
Corporal Punishment	-	-	-	-	-	-	-	0
Teacher Abuse	-	-	-	-	-	-	-	0
Child Labor	-	-	-	-	-	-	-	0
Religion	-	-	-	-	-	-	-	0
Other	28	33	34	9	6	-	-	110
Total	300	379	460	305	316	0	1	1761

Table 7.5 Secondary School Dropout by Reason, Form and Sex – 2014 (Cont)

Both sexes								
	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
Fees	1	6	16	44	33	-	-	100
Expulsion	-	-	5	3	12	-	-	20
Illness	29	27	51	18	27	-	-	152
Marriage	1	5	8	-	-	-	-	14
Pregnancy	74	139	195	218	216	-	1	843
Bullying	19	20	22	-	1	-	-	62
Truancy	389	399	325	88	95	2	1	1299
Substance e Abuse	-	3	1	2	1	-	-	7
Poor Performance	1	-	3	-	-	-	-	4
Parents Abuse	7	4	3	-	-	-	-	14
Corporal Punishment	-	-	-	-	-	-	-	0
Teacher Abuse	-	-	-	-	-	-	-	0
Child Labor	-	-	-	-	-	-	-	0
Religion	-	-	-	1	-	-	-	1
Other	64	71	56	13	11	-	-	215
Total	585	674	685	387	396	2	2	2731

The main reason for male dropouts is truancy constituting 678 out of the total males dropouts of 970 (96.9%) while females mainly dropped out due to pregnancy with 843 (47.9%), However dropout due to pregnancy decreased slightly between 2013 and 2014 from 901 to 843.

Figure 5: Number of Secondary School Drop-outs by Level per Year (2004 – 2013).

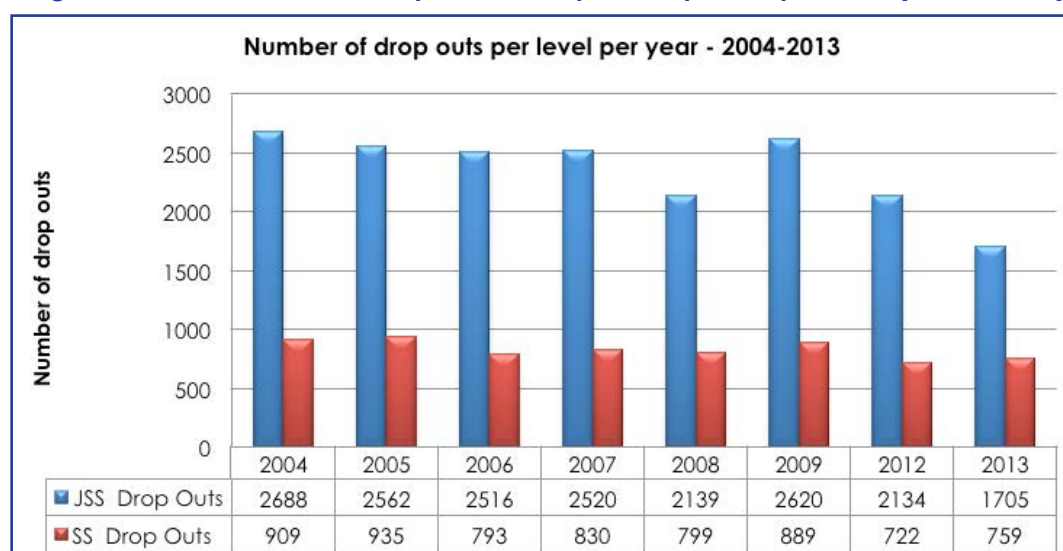


Figure 5 indicates that the majority of the secondary drop-outs are at junior secondary school level.

REPEATERS

Table 7.6 Secondary School Repeaters by Form and Sex - 2013

REGION	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		SPED		TOTAL		TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
South East	7	8	2	5	42	45	10	12	50	70	1	-	-	-	112	140	252
North East	3	-	3	3	19	15	7	14	44	65	-	-	-	-	76	97	173
South	1	1	2	-	18	20	5	14	16	32	-	-	-	-	42	67	109
Kweneng	6	4	4	3	5	8	1	1	9	6	-	-	-	-	25	22	47
Kgatleng	-	-	1	11	1	4	-	-	-	-	-	-	-	-	2	15	17
North West	4	1	5	7	-	1	-	-	-	-	-	-	-	-	9	9	18
Chobe	-	2	-	-	-	-	-	-	-	-	-	-	-	-	0	2	2
Gantsi	4	5	-	1	-	-	-	-	-	-	-	-	-	-	4	6	10
Kgalagadi	1	1	6	6	1	-	-	-	-	-	-	-	-	-	8	7	15
Central	13	3	-	-	16	18	5	14	16	32	-	-	-	-	50	67	117
Total	39	25	23	36	102	111	28	55	135	205	1	0	0	0	328	432	760

In 2014, the total number of repeaters was 760. Female students who repeated a grade/form were more than their male counterparts. The highest number of repeaters by form was 340 at Form 5, followed by 213 at Form 3. Repeaters at form 3 and form 5 are normally students who had not performed well in JCE and BGCSE the previous years. In 2014, the highest number of repeating students were recorded in South East Region followed by North East region. Chobe recorded the lowest number of repeaters.

RE-ENTRANTS

Table 7.7: Secondary School Re-entrants by Form and Sex - 2013

Sex	Form 1	Form 2	Form 3	Form 4	Form 5	Form 6	SPED	Total
Male	81	76	112	55	98	8	0	430
Female	80	133	181	274	260	0	0	928
Total	161	209	293	329	358	8	0	1,358
%	11.9	15.4	21.6	24.2	26.4	0.6	0.0	100.0

In 2013, the female re-entrants constituted 68.2 percent of the total re-entrants. Most of the re-entrants; 26.4 percent, were in Form 5 followed by those in Form 4 and Form 3 with 24.2 and 21.6 percent respectively (Table 7.7).

8.0: SECONDARY SCHOOL TEACHERS 2014

Table 8.1: Secondary School Teachers by Employment Status

REGION	Teachers in Post (Permanent & Pensionable)			Teachers in study leave			Temporary Teachers			Total		
	Male	Fem	Total	Male	Fem	Total	Male	Fem	Total	Male	Fem	Total
South East	876	1,322	2,198	65	134	199	78	105	183	1,019	1,561	2,580
North East	507	584	1,091	64	109	173	82	118	200	653	811	1,464
Southren	748	919	1,667	99	121	220	100	129	229	947	1169	2,116
Kweneng	574	798	1,372	85	103	188	79	96	175	738	997	1,735
Kgatleng	238	277	515	52	51	103	43	69	112	333	397	730
North West	490	420	910	57	56	113	65	54	119	612	530	1,142
Chobe	34	40	74	11	4	15	3	9	12	48	53	101
Gantsi	116	95	211	23	17	40	31	24	55	170	136	306
Kgalagadi	170	129	299	26	28	54	36	26	62	232	183	415
Central	2,127	2,420	4,547	146	136	282	178	221	399	2451	2777	5,228
TOTAL	5,880	7,004	12,884	628	759	1,387	695	851	1,546	7,203	8,614	15,817

Teachers employed on Permanent and pensionable basis constituted 81.5 percent of all the secondary school teachers in 2014. Those on study leave constituted only 8.8 percent. Central Region recorded the highest numbers in all the categories as compared to other regions, followed by South East region.

Figure 6: Secondary School Teachers by Citizenship – 2014

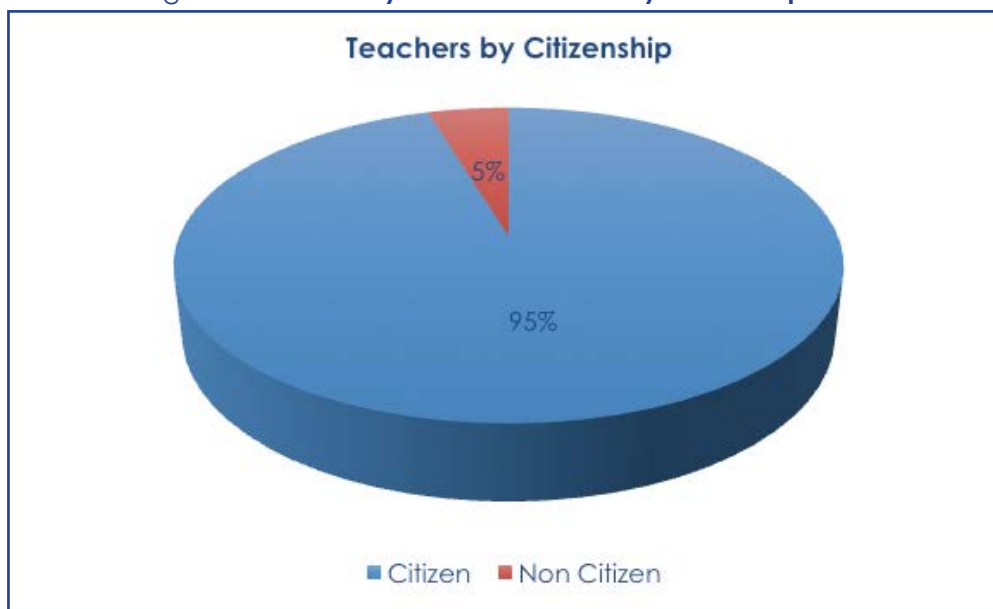


Figure 6; shows that secondary school teachers in Botswana are mainly citizens; accounting for 95 percent of the total teachers compared to 5 percent of non-citizen teachers.

Table 8.2: Secondary Education Teachers by Region and Qualification– 2014

Region	Dip. Ed	B.Educ	BA+CCE	BA+PGDE	BSC+PGDE	MED	Mphil/Phd	Other	Unqualified	Total
South East	701	763	35	614	168	79	6	211	3	2,580
North East	661	354	34	237	56	17	6	94	5	1,464
South	917	481	30	379	58	19	3	194	35	2,116
Kweneng	819	400	25	317	42	27	-	105	-	1,735
Kgatleng	346	139	7	190	11	5	1	27	4	730
North West	556	261	10	159	49	3	1	98	5	1,142
Chobe	68	24	-	3	3	-	-	3	-	101
Gantsi	118	105	-	56	7	2	-	11	7	306
Kgalagadi	205	100	9	70	21	-	-	10	-	415
Central	2,672	1,147	102	807	170	31	1	288	10	5,228
TOTAL	7,063	3,774	252	2,832	585	183	18	1,041	69	15,817

NB: Dip. Ed = Diploma in Education, B.Ed= Bachelor of Education, BA = Bachelor of Arts, CCE=Certificate in Counselling Education, PGDE =Post Graduate Diploma in Education, PGDCE= Post Graduate Diploma in Counselling Education and M.Ed= Master of Education

Figure 7: Secondary School Teachers by Qualification-2014

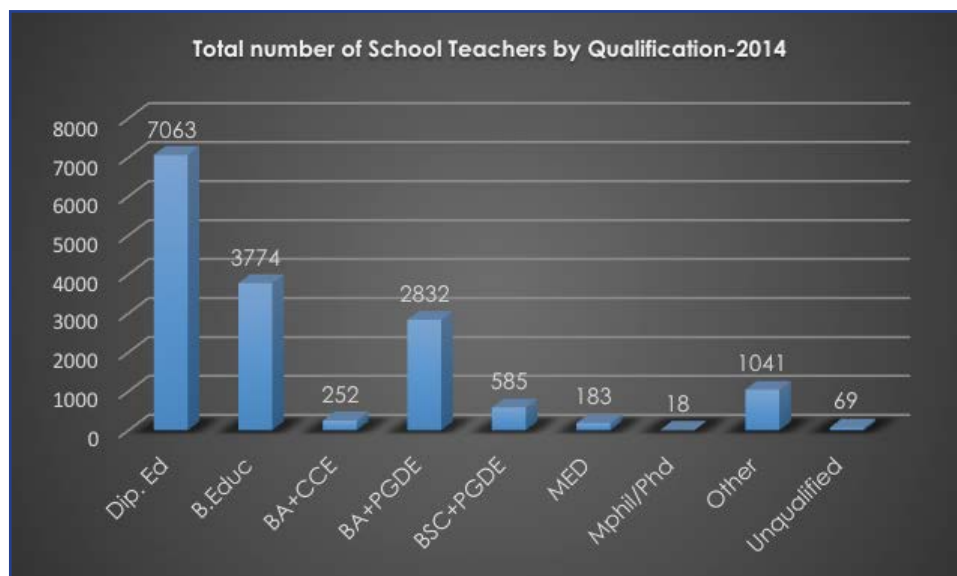


Figure 7 shows that majority of the (44.5 percent) secondary school teachers had Diploma in Secondary Education as their highest qualification, followed by 23.9 percent of teachers trained in Bachelor of Education (B.Ed) while 17.9 percent trained in Bachelor of Arts and Post Graduate Diploma in Education. Only 1.2 percent had Master in Education. Furthermore, 6.6 percent teachers had other unspecified teaching qualifications and 0.4 were unqualified.

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 0.07 percent is noted in number of untrained teachers in 2014 as compared to 2013. The continued decline in the proportion of unqualified teachers underscores Government efforts to improve teacher qualifications and consequently improvement in the quality of secondary education.

Table 8.3: **Number of Secondary School Teachers- 2004-2014**

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

Note: Figures for 2009, 2010 and 2011 are not available due to unavailability of data.

Table 8.3 shows that the total number of secondary school teachers were 15,817 in 2014 of which 99.6 percent were trained teachers.

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3. 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
MFDP	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

4. APPENDICES

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

Appendix 2: Projected Population by Single Age and Sex 2011-2013

Age	2011 Population			2012 Population			2013 Population		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
11	22,570	22,024	44,594	22,994	22,438	45,432	23,427	22,860	46,286
12	20,110	19,763	39,873	20,488	20,135	40,623	20,873	20,513	41,386
13	20,049	20,261	40,310	20,426	20,642	41,068	20,810	21,030	41,840
14	19,912	19,843	39,755	20,286	20,216	40,502	20,668	20,596	41,264
15	21,490	21,395	42,885	21,894	21,797	43,691	22,306	22,207	44,513
16	21,765	21,372	43,137	22,174	21,774	43,948	22,591	22,183	44,774
17	21,262	21,190	42,452	21,662	21,588	43,250	22,069	21,994	44,063
18	19,929	20,812	40,741	20,304	21,203	41,507	20,685	21,602	42,287
19	20,372	21,159	41,531	20,755	21,557	42,312	21,145	21,962	43,107
20	19,985	20,997	40,982	20,361	21,392	41,752	20,743	21,794	42,537
21	19,927	20,677	40,604	20,302	21,066	41,367	20,683	21,462	42,145
22	18,718	20,635	39,353	19,070	21,023	40,093	19,428	21,418	40,847
23	19,534	20,943	40,477	19,901	21,337	41,238	20,275	21,738	42,013

** 2011 Data is from the 2011 Actual Census Data while 2012-2013 Data is an estimate derived from the 2011 Census Data.

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