

SECONDARY EDUCATION STATS BRIEF 2019



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PREFACE

This report gives highlights on education and training in Botswana for the year 2019.

The publication provides statistics users with comprehensive education statistics and information on the number of education institutions, enrolments, performance, teachers and facilities at the secondary education level. The statistics are of good quality, policy-relevant, and reliable and provides statistics for evidence of the country's progress towards meeting national and international obligations. The information provided by this report serves to monitor education related policies notably: 1994 Revised National Policy on Education (RNPE), the ten-year basic education for all with emphasis on inclusive education and improved equity, increasing access to secondary and higher education, National Development Plans (NDP), Vision 2016, Education For All (EFA) and Sustainable Development Goals (SDG) to mention among a few. The information will also be used as a basis for assessing the equitable allocation of resources in the various districts, regions and other denominations.

We sincerely thank all those who provided information for their significant contribution to the production of this report. It would not have been possible to produce this report without the contribution of all Heads of Institutions through availing the data required.

For more information and further enquiries, contact the Directorate of Stakeholder Relations at 3671300. All Statistics Botswana outputs/publications are available on the website at www.statsbots.org.bw, Statistics Botswana Library (Head-Office, Gaborone) and at the Ministry of Education and its strategic centres.



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INTRODUCTION

The statistics in this report are based on data collected through the 2019 Annual Census of Schools. The Annual school Census is an exercise carried out by the Education Management Information Systems (EMIS) unit in the Ministry of Basic Education under the Department of Educational Planning and Research Services (DEPRS). Data analysis and report writing are done by Education Statistics Unit (Statistics Botswana). The data is collected on annual basis from Government, Government Aided and Privately owned secondary schools at the lower and upper secondary school levels.

It should be noted that this publication mainly covers data for the school year 2019. However, some data from previous years have been used for comparative analysis, time series and production of other indicators.

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

1.0 SECONDARY EDUCATION SCHOOL OWNERSHIP

Secondary school ownership in Botswana is mainly in three forms; Government owned, Government-Aided and privately owned schools. Government secondary schools are solely managed by the Ministry of Basic Education, while the private schools are 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 the Ministry of Basic Education.

Table 1.1: Number of Secondary Schools by School Ownership- 2009-2019

Years	Secondary School Ownership						Total
	Government	% Share	Government Aided	% Share	Private	% Share	
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	83.0	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
2017	237	81.7	4	1.4	49	16.9	290
2018	237	81.4	4	1.4	50	17.2	291
2019	237	81.4	4	1.4	50	17.2	291

Table 1.1 shows that there has been an increase of 5.4 percent in the number of secondary schools, from 276 in 2009 to 291 in 2019. However, a decrease of 3.8 percent was recorded in the number of privately owned secondary schools between 2015 and 2019. Out of the 291 secondary schools that operated in 2019, Government schools constituted 81.4 percent of all secondary schools in the country, while government aided and private schools constituted 1.4 and 17.2 percent respectively.

Table 1.2: Number of Secondary Schools by School Ownership and Region-2019

Region	GOV	%	PVT	%	TOTAL	%
South East	27	58.7	19	41.3	46	15.8
North East	21	72.4	8	27.6	29	10.0
South	34	81.0	8	19.0	42	14.4
Kweneng	26	83.9	5	16.1	31	10.7
Kgatleng	11	91.7	1	8.3	12	4.1
North West	15	83.3	3	16.7	18	6.2
Chobe	2	100	-	-	2	0.7
Ghanzi	5	83.3	1	16.7	6	2.1
Kgalagadi	7	100	-	-	7	2.4
Central	93	94.9	5	5.1	98	33.7
Total	241	83.0	50	17.0	291	100

Table 1.2 shows that the Central region had the highest percentage of secondary schools at 33.7 percent followed by the South East region with 15.8 percent. The Chobe region had the lowest proportion of secondary schools accounting for only 0.7 percent.

On the other hand, the South East region had the highest percentage of private schools at 41.3 percent followed by the North East region with 30.0 percent, the South region follow with 27.6 and 19.0 percent. Chobe and Kgalagadi regions did not have private secondary schools.

Table 1.3 :Number of Schools, Streams, Classrooms and Enrolment by Region and School Ownership -2019

Government	School	Classrooms	Streams (classes)	Students	Average Stream Size	Student/ Classroom Ratio	Classrooms - (minus) Streams
Region							
Government							
South East	25	386	519	20,517	39.5	53.2	-133
North East	20	243	332	12,774	38.5	52.6	-89
South	34	471	607	21,315	35.1	45.3	-136
Kweneng	26	404	530	21,385	40.3	52.9	-126
Kgatleng	11	155	191	7,100	37.2	45.8	-36
North West	14	255	306	11,986	39.2	47.0	-51
Chobe	2	20	34	1,403	41.3	70.2	-14
Ghanzi	5	77	103	3,383	32.8	43.9	-26
Kgalagadi	7	108	135	4,673	34.6	43.3	-27
Central	93	1,287	1,583	60,024	37.9	46.6	-296
Total	237	3,406	4,340	164,560	37.9	48.3	-934
Government Aided							
South East	2	79	80	3,114	38.9	39.4	-1
North East	1	42	42	1,729	41.2	41.2	0
North West	1	36	42	1,448	34.5	40.2	-6
Total	4	157	164	6,291	38.4	40.1	-7
Private							
South East	19	323	212	5,206	24.6	16.1	111
North East	8	58	50	941	18.8	16.2	8
South	8	61	33	504	15.3	8.3	28
Kweneng	5	32	27	586	21.7	18.3	5
Kgatleng	1	10	8	159	19.9	15.9	2
North West	3	15	12	348	29.0	23.2	3
Chobe	-	-	-	-	0.0	0.0	0
Ghanzi	1	9	5	18	3.6	2.0	4
Kgalagadi	-	-	-	-	0.0	0.0	0
Central	5	25	20	360	18.0	14.4	5
Total	50	533	367	8,122	22.1	15.2	166

Table 1.3 depicts an average stream size of 38 in government schools as opposed to 22 in private owned schools. Student classroom ratio is much lower in private owned schools (15) compared to 48 in government owned schools. A smaller student classroom ratio provides an opportunity for student-teacher contact and hence improved learning.

Table 1.4: Number of Schools, Streams, Classrooms and Enrolment by Region and School Ownership -2019

REGION	School	Classrooms	Streams (classes)	Students	Average Stream Size	Student/ Classroom Ratio	Classrooms - (minus) Streams
ALL							
South East	46	788	811	28,837	35.6	36.6	-23
North East	29	343	424	15,444	36.4	45.0	-81
South	42	532	640	21,819	34.1	41.0	-108
Kweneng	31	436	557	21,971	39.4	50.4	-121
Kgatleng	12	165	199	7,259	36.5	44.0	-34
North West	18	306	360	13,782	38.3	45.0	-54
Chobe	2	20	34	1,403	41.3	70.2	-14
Ghanzi	6	86	108	3,401	31.5	39.5	-22
Kgalagadi	7	108	135	4,673	34.6	43.3	-27
Central	98	1,312	1,603	60,384	37.7	46.0	-291
Total	291	4,096	4,871	178,973	36.7	43.7	-775

Table 1.5 :Number of Schools, Streams, Classrooms and Enrolment by District -2019

ALL	School	Classrooms	Streams (classes)	Students	Average Stream Size	Student/ Classroom Ratio	Classrooms - (minus) Streams
Gaborone	35	602	584	20,856	35.7	34.6	18
Francistown	18	246	270	9,659	35.8	39.3	-24
Lobatse	8	126	111	3,602	32.5	28.6	15
Selibe Phikwe	7	112	139	4,181	30.1	37.3	-27
Orapa	1	12	16	651	40.7	54.3	-4
Jwaneng	2	18	36	1,155	32.1	64.2	-18
Sowa Pan	3	14	20	685	34.3	48.9	-6
Ngwaketse	27	296	388	13,580	35.0	45.9	-92
Borolong	5	92	105	3,482	33.2	37.8	-13
South East	11	186	227	7,981	35.2	42.9	-41
Kweneng	31	436	557	21,971	39.4	50.4	-121
Kgatleng	12	165	199	7,259	36.5	44.0	-34
Serowe/Palapye	28	362	415	16,447	39.6	45.4	-53
Central Mahalapye	18	228	283	10,025	35.4	44.0	-55
Central Bobonong	14	181	233	8,079	34.7	44.6	-52
Central Botefi	8	127	154	6,245	40.6	49.2	-27
Central Tutume	19	276	343	14,071	41.0	51.0	-67
North East	11	97	154	5,785	37.6	59.6	-57
Ngami South	11	198	205	7,981	38.9	40.3	-7
Ngami North	7	108	155	5,801	37.4	53.7	-47
Chobe	2	20	34	1,403	41.3	70.2	-14
Ghanzi	6	86	108	3,401	31.5	39.5	-22
Kgalagadi South	3	58	73	2,640	36.2	45.5	-15
Kgalagadi North	4	50	62	2,033	32.8	40.7	-12
TOTAL	291	4,096	4,871	178,973	36.7	43.7	-775

2.0 SECONDARY EDUCATION ENROLMENT

Table 2.1: Secondary School Enrolment by School Ownership, Sex and Form- 2019

School ownership		FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	Total
Government	Male	22,215	20,967	19,576	8,559	7,925	-	75	79,317
	Female	22,716	21,133	19,890	10,913	10,546	-	45	85,243
	Total	44,931	42,100	39,466	19,472	18,471	0	120	164,560
Government Aided	Male	-	-	-	1,384	1,367	-	-	2,751
	Female	-	-	-	1,774	1,766	-	-	3,540
	Total	0	0	0	3158	3133	0	0	6,291
Private	Male	735	699	739	781	758	307	15	4,034
	Female	651	702	819	841	788	285	2	4,088
	Total	1,386	1,401	1,558	1,622	1,546	592	17	8,122
All Schools	Male	22,950	21,666	20,315	10,724	10,050	307	90	86,102
	Female	23,367	21,835	20,709	13,528	13,100	285	47	92,871
	Total	46,317	43,501	41,024	24,252	23,150	592	137	178,973

Table 2.1 shows that secondary school enrolment in 2019 was 178,973, which was an increase of 1.87 percent (175,694) as compared to 2018 enrolment. Female students accounted for 51.9 percent compared to their male counterparts with 48.1 percent.

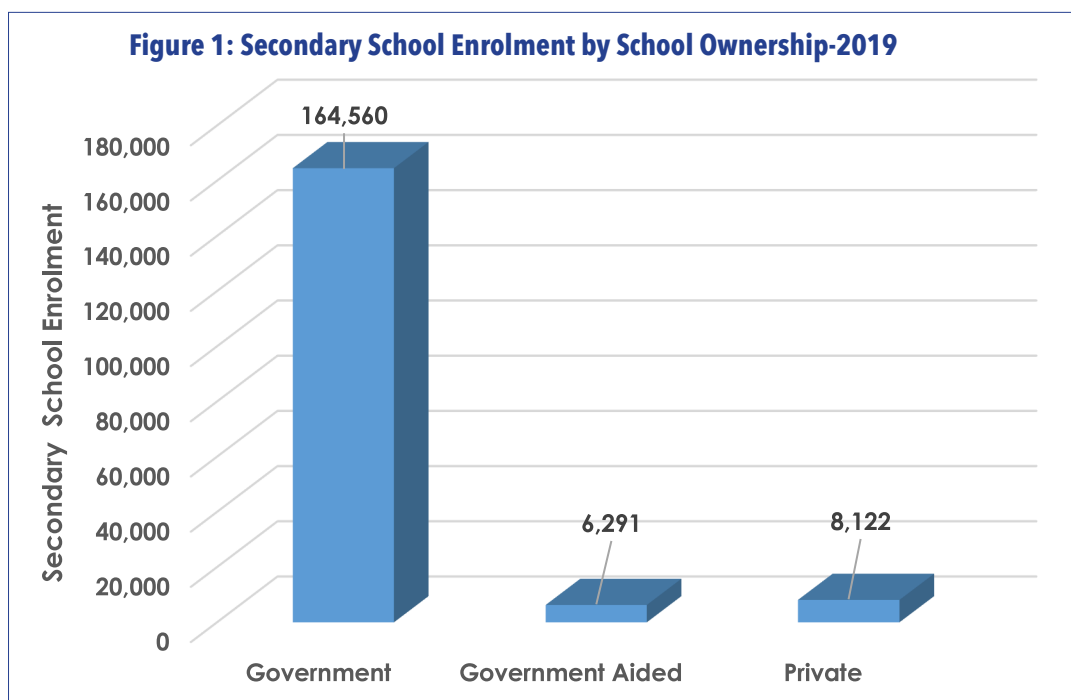


Figure 1 shows that secondary school enrolment in government secondary schools was at 164,560 constituting 91.9 percent, while the enrolment for Government aided schools was at 6,291 constituting 3.5 percent and Private schools enrolled 8,122 students constituting 4.5 percent of total enrolment.

Table 2.2: Secondary School Enrolment by Region, Sex and Form- 2019

MALES								
REGION	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South East	3,006	2,877	2,746	2,404	2,420	279	40	13,772
North East	1,851	1,767	1,698	1,044	1,016	28	27	7,431
South	2,806	2,623	2,436	1,391	1,219	-	-	10,475
Kweneng	3,118	2,982	2,791	834	807	-	-	10,532
Kgatleng	1,027	969	829	352	314	-	23	3,514
North West	1,992	1,820	1,616	586	566	-	-	6,580
Chobe	258	211	239	0	0	-	-	708
Ghanzi	493	411	346	197	166	-	-	1,613
Kgalagadi	643	578	555	275	207	-	-	2,258
Central	7,756	7,428	7,059	3,641	3,335	-	-	29,219
Total	22,950	21,666	20,315	10,724	10,050	307	90	86,102
FEMALES								
REGION	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South East	3,034	2,994	2,838	2,934	2,990	258	17	15,065
North East	1,849	1,785	1,769	1,320	1,245	27	18	8,013
South	2,845	2,730	2,575	1,656	1,538	-	-	11,344
Kweneng	3,278	2,912	2,821	1,245	1,183	-	-	11,439
Kgatleng	1,000	931	906	445	451	-	12	3,745
North West	2,032	1,765	1,729	849	827	-	-	7,202
Chobe	240	218	237	-	-	-	-	695
Ghanzi	525	403	367	238	255	-	-	1,788
Kgalagadi	626	594	549	343	303	-	-	2,415
Central	7,938	7,503	6,918	4,498	4,308	-	-	31,165
Total	23,367	21,835	20,709	13,528	13,100	285	47	92,871
BOTH SEXES								
REGION	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South East	6,040	5,871	5,584	5,338	5,410	537	57	28,837
North East	3,700	3,552	3,467	2,364	2,261	55	45	15,444
South	5,651	5,353	5,011	3,047	2,757	-	-	21,819
Kweneng	6,396	5,894	5,612	2,079	1,990	-	-	21,971
Kgatleng	2,027	1,900	1,735	797	765	-	35	7,259
North West	4,024	3,585	3,345	1,435	1,393	-	-	13,782
Chobe	498	429	476	-	-	-	-	1,403
Ghanzi	1,018	814	713	435	421	-	-	3,401
Kgalagadi	1,269	1,172	1,104	618	510	-	-	4,673
Central	15,694	14,931	13,977	8,139	7,643	-	-	60,384
Total	46,317	43,501	41,024	24,252	23,150	592	137	178,973

Table 2.2 shows secondary schools enrollments by sex, form and regions. From the total of 178,973 enrolled secondary students, 92871 are females and 86102 are males. This indicates a higher proportion of female enrollment compared to males. Amongst the Regions, Central Region has the most enrollments with 60384 students followed by South East and Kweneng with 28837 and 21971 respectfully. Chobe recorded the least enrollments with 1403 students. It is also noted that enrollments at form 1 grades are higher and tend to decrease with the higher grades over the years

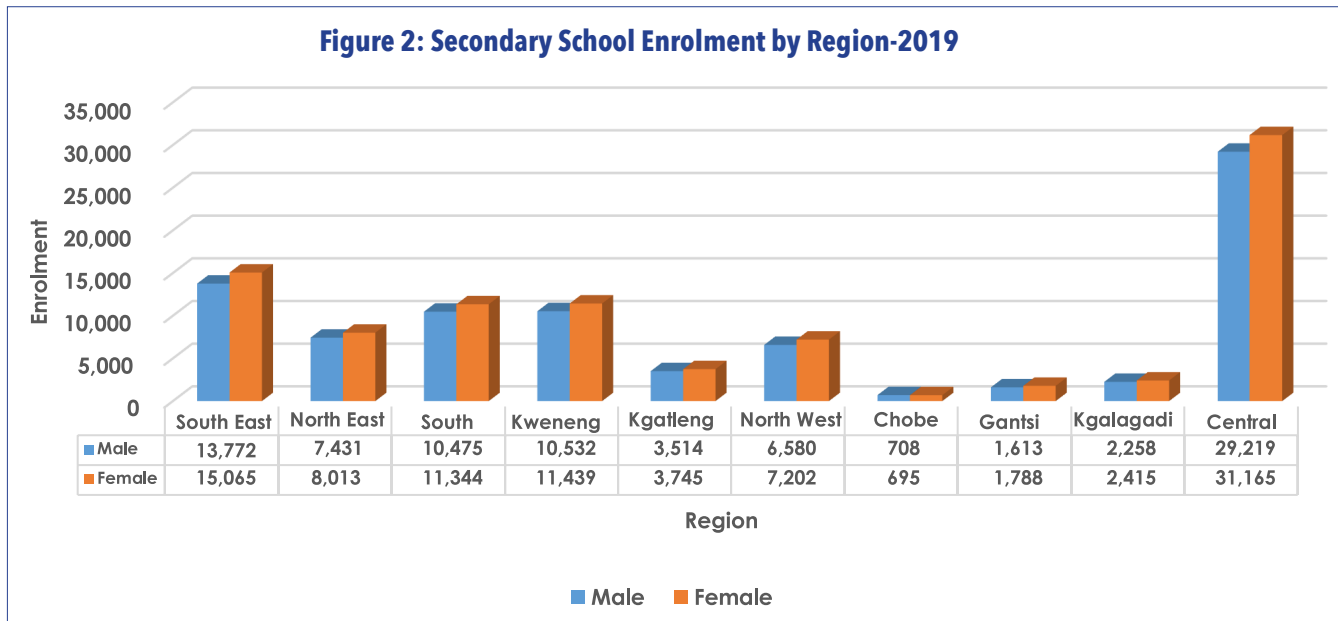


Figure 2 shows that generally, the sex ratio of enrolment into Secondary schools is in favour of female students as compared to their male counterparts in all the 10 regions.

Table 2.3: Secondary School Enrolment by Single Age, Form, Sex and School Ownership - 2019

Government Owned Schools																
Age in years	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		TOTAL		TOTAL	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
<12	24	83	-	-	-	-	-	-	-	-	-	-	-	24	83	107
12	1,165	1,825	7	40	-	-	-	-	-	-	-	-	1,172	1,865	3,037	
13	6,233	8,044	929	1,504	23	56	-	-	-	-	-	-	7,185	9,604	16,789	
14	8,935	8,983	5,721	7,592	745	1,323	1	6	-	-	-	-	15,402	17,904	33,306	
15	4,189	2,769	8,432	8,353	5,145	6,920	222	412	8	8	-	-	17,996	18,462	36,458	
16	1,163	709	4,184	2,729	7,932	7,978	2,562	4,015	288	496	-	-	16,129	15,927	32,056	
17	358	230	1,171	681	4,110	2,737	3,914	4,901	2,261	3,645	-	-	11,814	12,194	24,008	
18	112	59	386	171	1,188	665	1,373	1,159	3,761	4,991	-	-	6,820	7,045	13,865	
19	29	13	108	57	296	152	386	310	1,288	1,110	-	-	2,107	1,642	3,749	
20	7	1	23	4	96	47	69	79	252	229	-	-	447	360	807	
21	-	-	6	2	27	9	21	22	51	44	-	-	105	77	182	
22	-	-	-	-	14	3	11	7	13	14	-	-	38	24	62	
23	-	-	-	-	-	-	-	2	3	7	-	-	3	9	12	
24	-	-	-	-	-	-	-	-	-	2	-	-	-	2	2	
>24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	22,215	22,716	20,967	21,133	19,576	19,890	8,559	10,913	7,925	10,546	-	-	79,242	85,198	164,440	

Table 2.4: Secondary School Enrolment by Single Age, Form, Sex and School Ownership - 2019

Government Aided																
Age in years	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		TOTAL		TOTAL	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
<12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	-	-	-	-	-	-	-	5	-	-	-	-	-	5	5	
15	-	-	-	-	-	-	99	185	1	-	-	-	100	185	285	
16	-	-	-	-	-	-	518	793	22	68	-	-	540	861	1,401	
17	-	-	-	-	-	-	520	570	401	611	-	-	921	1,181	2,102	
18	-	-	-	-	-	-	177	137	549	710	-	-	726	847	1,573	
19	-	-	-	-	-	-	49	39	282	235	-	-	331	274	605	
20	-	-	-	-	-	-	18	30	92	122	-	-	110	152	262	
21	-	-	-	-	-	-	3	13	15	16	-	-	18	29	47	
22	-	-	-	-	-	-	-	2	3	4	-	-	3	6	9	
23	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	
24	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	
>24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	-	-	-	-	-	-	1,384	1,774	1,367	1,766	-	-	2,751	3,540	6,291	

Table 2.5: Secondary School Enrolment by Single Age, Form, Sex and School Ownership - 2019

Private																
Age in years	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		TOTAL		TOTAL	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
<12	53	64	-	-	-	-	-	-	-	-	-	-	53	64	117	
12	131	138	41	44	-	-	-	-	-	-	-	-	172	182	354	
13	332	308	143	168	9	18	-	-	-	-	-	-	484	494	978	
14	174	120	284	329	106	160	53	72	-	-	-	-	617	681	1,298	
15	35	19	191	139	254	303	123	151	34	79	-	-	637	691	1,328	
16	7	2	34	17	212	182	259	300	93	121	36	49	641	671	1,312	
17	2	-	5	3	101	91	194	195	216	212	55	60	573	561	1,134	
18	-	-	-	2	47	46	103	81	206	191	95	81	451	401	852	
19	1	-	-	-	8	13	35	24	96	75	58	60	198	172	370	
20	-	-	1	-	-	1	8	11	59	54	43	34	111	100	211	
21	-	-	-	-	2	4	3	3	40	28	17	1	62	36	98	
22	-	-	-	-	-	1	2	2	9	11	3	-	14	14	28	
23	-	-	-	-	-	-	1	2	2	7	-	-	3	9	12	
24	-	-	-	-	-	-	-	-	3	10	-	-	3	10	13	
>24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	735	651	699	702	739	819	781	841	758	788	307	285	4,019	4,086	8,105	

Table 2.6: Secondary School Enrolment by Single Age, Form, Sex and School Ownership - 2019

Age in years	ALL														TOTAL	
	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		TOTAL			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
<12	77	147	-	-	-	-	-	-	-	-	-	-	-	77	147	224
12	1,296	1,963	48	84	-	-	-	-	-	-	-	-	-	1,344	2,047	3,391
13	6,565	8,352	1,072	1,672	32	74	-	-	-	-	-	-	-	7,669	10,098	17,767
14	9,109	9,103	6,005	7,921	851	1,483	54	83	-	-	-	-	-	16,019	18,590	34,609
15	4,224	2,788	8,623	8,492	5,399	7,223	444	748	43	87	-	-	-	18,733	19,338	38,071
16	1,170	711	4,218	2,746	8,144	8,160	3,339	5,108	403	685	36	49	-	17,310	17,459	34,769
17	360	230	1,176	684	4,211	2,828	4,628	5,666	2,878	4,468	55	60	-	13,308	13,936	27,244
18	112	59	386	173	1,235	711	1,653	1,377	4,516	5,892	95	81	-	7,997	8,293	16,290
19	30	13	108	57	304	165	470	373	1,666	1,420	58	60	-	2,636	2,088	4,724
20	7	1	24	4	96	48	95	120	403	405	43	34	-	668	612	1,280
21	-	-	6	2	29	13	27	38	106	88	17	1	-	185	142	327
22	-	-	-	-	14	4	13	11	25	29	3	-	-	55	44	99
23	-	-	-	-	-	-	1	4	6	14	-	-	-	7	18	25
24	-	-	-	-	-	-	-	-	4	12	-	-	-	4	12	16
>24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	22,950	23,367	21,666	21,835	20,315	20,709	10,724	13,528	10,050	13,100	307	285	86,012	92,824	178,836	

3.0 SECONDARY SCHOOL ENROLMENT WITH DISABILITY

The Ministry of Basic Education (MoBE) through RNPE (1994) is committed to an inclusive education system and provision of special education. This in turn facilitates 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 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 mainstreaming 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 units and two JSS and one SSS with hearing impairment special education units.

Table 3.1: Secondary School Enrolment with Special Education Needs by Form, Region and Sex-2019

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	82	47	104	64	135	84	79	76	91	99	27	45	518	415	933
North East	56	77	53	63	61	78	4	3	3	5	-	-	177	226	403
South	49	25	44	33	44	62	18	13	14	12	-	-	169	145	314
Kweneng	81	114	74	69	83	98	1	6	13	3	-	-	252	290	542
Kgatleng	17	7	23	29	45	31	9	3	5	8	-	-	99	78	177
North West	62	44	29	34	68	76	6	1	7	1	-	-	172	156	328
Chobe	-	1	3	4	-	1	-	-	-	-	-	-	3	6	9
Ghanzi	5	3	9	9	5	3	1	-	3	2	-	-	23	17	40
Kgalagadi	3	4	-	-	4	2	1	-	-	-	-	-	8	6	14
Central	185	117	157	122	175	172	44	43	50	51	-	-	611	505	1,116
Total	540	439	496	427	620	607	163	145	186	181	27	45	2,032	1,844	3,876

Table 3.2: Secondary School Enrolment with Special Education Needs by Type of Impairment, Form and Sex-2019

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	124	177	110	160	124	268	47	62	71	76	17	28	493	771	1,264
Blind	-	1	1	1	1	-	2	-	3	3	-	-	7	5	12
Physical	19	8	25	26	25	18	7	9	5	11	-	-	81	72	153
Hearing	18	35	20	33	30	35	2	1	6	4	-	-	76	108	184
Deaf	1	-	-	-	1	1	4	1	6	1	-	-	12	3	15
Speech	17	8	16	9	12	8	18	13	12	8	-	-	75	46	121
Intellect Disability	115	38	112	48	154	72	21	17	24	11	-	-	426	186	612
Class Skills Disorder	134	43	102	54	157	84	43	18	23	19	3	2	462	220	682
Attention Disorder	2	-	3	1	2	5	2	2	2	-	1	-	12	8	20
Life limit condition	7	4	2	5	11	9	-	1	1	-	-	-	21	19	40
Allergies	23	27	14	17	15	16	4	5	11	11	3	9	70	85	155
Arthritis	-	-	-	2	-	1	-	1	1	-	-	-	1	4	5
Asthma	63	79	59	53	54	56	3	6	8	16	3	5	190	215	405
Autism	1	2	-	-	-	-	-	-	1	1	-	-	2	3	5
Cerebral Palsy	2	1	-	1	-	1	-	-	3	-	-	-	5	3	8
Diabetes	2	7	6	3	4	4	1	1	1	4	-	-	14	19	33
Disturb Personality	-	-	3	2	3	1	2	1	4	5	-	-	12	9	21
Epilepsy	10	8	9	7	7	5	2	3	-	3	-	1	28	27	55
Others	2	1	14	5	20	23	5	4	4	8	-	-	45	41	86
TOTAL	540	439	496	427	620	607	163	145	186	181	27	45	2,032	1,844	3,876

Table 3.2 shows that visual impairment is the leading type of disability among secondary students constituting 32.6 percent of all the impairment types followed by Class Skills Disorder and Intellectual Disability at 17.6 percent & 15.8 percent respectively. The table indicates that Special education needs are high among the Form 3 for both sexes compared to other levels and least among the Form 6 and Form 4s respectively.

4.0 SECONDARY SCHOOL ENROLMENT TREND

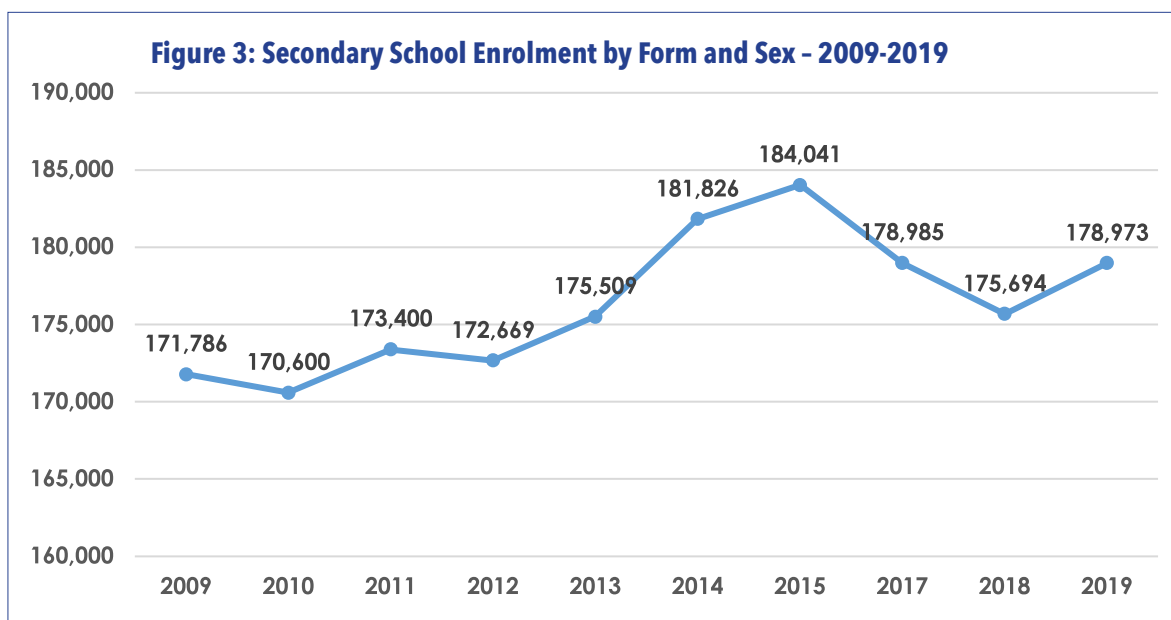
The secondary school enrolment trend presented in **Table 4.1** is from 2014 to 2019.

Table 4.1: Secondary School Enrolment by Form and Sex - 2014-2019

Year	Sex	Form 1	Form 2	Form 3	Form 4	Form 5	Form 6	SPED	Total
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	21,593	21,129	21,125	12,091	12,632	266	83	88,919
	Female	21,310	21,826	21,335	15,347	15,016	217	71	95,122
	Total	42,903	42,955	42,460	27,438	27,648	483	154	184,041
2017	Male	21,067	20,714	20,572	11,243	12,103	291	53	86,043
	Female	21,319	20,757	20,608	14,438	15,510	273	37	92,942
	Total	42,386	41,471	41,180	25,681	27,613	564	90	178,985
2018	Male	22,068	20,568	20,206	10,095	10,849	300	96	84,182
	Female	22,353	21,062	20,335	13,334	14,107	248	73	91,512
	Total	44,421	41,630	40,541	23,429	24,956	548	169	175,694
2019	Male	22,950	21,666	20,315	10,724	10,050	307	90	86,102
	Female	23,367	21,835	20,709	13,528	13,100	285	47	92,871
	Total	46,317	43,501	41,024	24,252	23,150	592	137	178,973

****Table 2.6 and Table 4.1 figures differ due to 137 SPED enrolments.**

There was a steady increase in secondary school enrolment between 2014 and 2015. A slight increase of 1.2 percent was recorded between 2014 and 2015. However, a slight increase of 1.9 percent has been observed between from 2018 -2019



5.0 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) as shown in **Table 5.1** and **5.2**, respectively. 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 5.1: Secondary School Age Specific Enrolment Rates (ASER)-2019

Single Age	2019 Population	Total Enrolment	Age Specific Enrolment Rate(ASER)
<12	45,202	49	0.1
12	45,028	2,393	5.3
13	44,266	15,940	36.0
14	43,637	31,001	71.0
15	43,089	36,423	84.5
16	42,563	36,539	85.8
17	42,073	30,402	72.3
18	41,654	18,545	44.5
19	41,347	5,476	13.2
20	41,258	1,441	3.5
21	41,337	460	1.1
22	41,557	128	0.3
23	41,932	50	0.1
24	42,280	47	0.1
>24	42,391	1	0.0

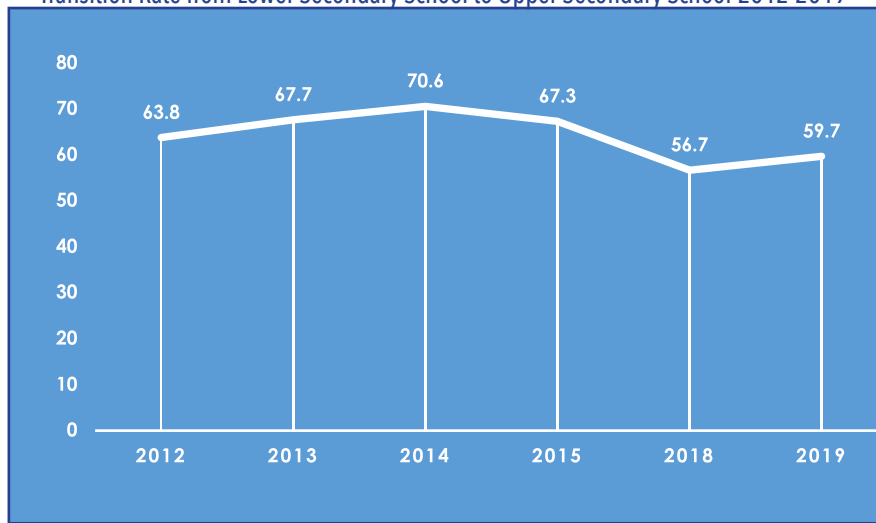
Table 5.1 shows that among the population of 16 years old children in Botswana, 86 percent of them are secondary school students. These constituted the largest proportion of all secondary school students. This was followed by those who are 15 years old and 17 years old at 85 percent and 72 percent respectively. Age Specific Enrolments ages has decreased in the above mentioned years as compared to 2017 where 87.6 percent of population aged 16 years were enrolled in secondary schools, followed by 88.8 percent of population aged 15 years and 78.8 of population aged 17 years respectively. Less than 10 percent of population aged 12 years and below and 20 years and above were enrolled in secondary schools.

Table 5.2: Enrolment Ratios for both Sexes by Age -Group and Year 2012-2019

YEAR	GER 13-17 years	NER 13-17 years	GER 14-18 years	NER 14-18 years
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
2017	84.9	71.3	85.6	73.2
2018	82.4	69.9	83.3	70.7
2019	82.9	70.7	84.0	70.9

Figure 4: Transition Rates in Secondary Education

Transition Rate from Lower Secondary School to Upper Secondary School-2012-2019



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

SCHOOL DROP-OUTS

Table 6.1 shows that generally most of secondary school dropouts were at junior secondary schools with higher proportions in form 3, form 2 and form 1. It is notable that Form 1 male dropouts are higher than that of their female counterparts in all the years except for 2014 academic year. However, it must be noted that generally school dropout is higher at lower ranks for the secondary schools and continues to decline with the rise in levels for all of the years.

Table 6.1: Secondary School Dropout by Form and Sex 2014-2019

Years	Sex	Form1	Form 2	Form 3	Form 4	Form 5	Form 6	Sped	Total
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	1,247
	Female	286	398	482	356	357	1	2	1,882
	Total	662	736	770	474	478	2	7	3,129
	%	21.2	23.5	24.6	15.1	15.3	0.1	0.2	100.0
2017	Male	325	330	308	91	183	-	-	1,237
	Female	250	325	425	267	247	17	-	1,531
	Total	575	655	733	358	430	17	-	2,768
	%	20.8	23.7	26.5	12.9	15.5	0.6	0.0	100.0
2018	Male	299	308	278	70	116	-	33	1,104
	Female	225	299	326	230	278	3	33	1,394
	Total	524	607	604	300	394	3	66	2,498
	%	21.0	24.3	24.2	12.0	15.8	0.1	2.6	100.0
2019	Male	313	285	279	67	60	-	-	1,004
	Female	217	269	309	190	200	-	12	1,197
	Total	530	554	588	257	260	-	12	2,201
	%	24.1	25.2	26.7	11.7	11.8	0.0	0.5	100.0

Table 6.2: Number of Secondary School Drop-outs by Region, Form and Sex - 2019

BOYS	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
South East	10	21	31	14	12	-	-	88
North East	8	4	15	6	2	-	-	35
Southern	40	44	53	11	13	-	-	161
Kweneng	53	34	37	-	1	-	-	125
Kgatleng	8	7	3	14	17	-	-	49
North West	67	57	55	7	2	-	-	188
Chobe	2	1	5	-	-	-	-	8
Ghanzi	26	11	14	-	1	-	-	52
Kgalagadi	13	8	3	-	1	-	-	25
Central	86	98	63	15	11	-	-	273
Total	313	285	279	67	60	0	0	1,004
GIRLS	FORM1	FORM2	FORM3	FORM4	FORM5	FORM6	SPED	TOTAL
South East	13	12	30	21	28	-	-	104
North East	10	14	15	15	9	-	-	63
Southern	27	31	35	33	28	-	-	154
Kweneng	28	32	62	14	8	-	-	144
Kgatleng	12	15	12	6	13	-	-	58
North West	35	32	38	24	30	-	-	159
Chobe	-	-	4	-	-	-	-	4
Ghanzi	19	21	15	3	5	-	12	75
Kgalagadi	6	8	2	3	2	-	-	21
Central	67	104	96	71	77	-	-	415
Total	217	269	309	190	200	0	12	1,197
ALL	FORM1	FORM2	FORM3	FORM4	FORM5	FORM6	SPED	TOTAL
South East	23	33	61	35	40	-	-	192
North East	18	18	30	21	11	-	-	98
Southern	67	75	88	44	41	-	-	315
Kweneng	81	66	99	14	9	-	-	269
Kgatleng	20	22	15	20	30	-	-	107
North West	102	89	93	31	32	-	-	347
Chobe	2	1	9	-	-	-	-	12
Ghanzi	45	32	29	3	6	-	12	127
Kgalagadi	19	16	5	3	3	-	-	46
Central	153	202	159	86	88	-	-	688
Total	530	554	588	257	260	0	12	2,201

Table 6.2 indicates that a total of 2,201 students dropped out of school in 2019 academic year for both sexes; 1,004 males and 1,197 females. It is further noted that more school dropouts were recorded in Central District with 688 for both sexes, followed by North West district with a total of 347 for both sexes, and the least drop outs were recorded in Chobe District with 12 drop outs for both sexes.

Table 6.3: Secondary School Dropout by Reason, Form and Sex - 2019

Male	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
Fees	1	7	12	12	5	-	-	37
Expulsion	-	1	1	-	-	-	-	2
Illness	12	9	13	4	8	-	-	46
Marriage	-	-	-	-	-	-	-	-
Pregnancy	-	-	2	-	-	-	-	2
Bullying	2	3	4	3	5	-	-	17
Truancy	288	254	231	30	24	-	-	827
Substance Abuse	1	-	1	9	13	-	-	24
Poor Performance	2	4	5	-	-	-	-	11
Parents Abuse	-	-	-	-	-	-	-	-
Corporal Punishment	-	-	1	-	-	-	-	1
Teacher Abuse	-	-	-	-	-	-	-	-
Child Labor	-	-	-	-	-	-	-	-
Religion	-	-	-	-	-	-	-	-
Other	7	7	9	9	5	-	-	37
Total	313	285	279	67	60	-	-	1,004
Female	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
Fees	-	5	7	17	5	-	-	34
Expulsion	-	-	-	-	-	-	-	-
Illness	15	15	27	9	15	-	-	81
Marriage	-	-	2	-	-	-	-	2
Pregnancy	46	69	103	119	125	-	-	462
Bullying	1	1	1	-	-	-	12	15
Truancy	150	168	157	36	39	-	-	550
Substance Abuse	-	-	-	3	4	-	-	7
Poor Performance	3	-	4	-	-	-	-	7
Parents Abuse	-	-	-	-	-	-	-	-
Corporal Punishment	-	-	-	-	-	-	-	-
Teacher Abuse	-	-	-	-	-	-	-	-
Child Labor	-	-	-	-	-	-	-	-
Religion	-	-	-	-	-	-	-	-
Other	2	11	8	6	12	-	-	39
Total	217	269	309	190	200	-	12	1,197
Both sexes	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	SPED	TOTAL
Fees	1	12	19	29	10	-	-	71
Expulsion	-	1	1	-	-	-	-	2
Illness	27	24	40	13	23	-	-	127
Marriage	-	-	2	-	-	-	-	2
Pregnancy	46	69	105	119	125	-	-	464
Bullying	3	4	5	3	5	-	12	32
Truancy	438	422	388	66	63	-	-	1,377
Substance Abuse	1	-	1	12	17	-	-	31
Poor Performance	5	4	9	-	-	-	-	18
Parents Abuse	-	-	-	-	-	-	-	-
Corporal Punishment	-	-	1	-	-	-	-	1
Teacher Abuse	-	-	-	-	-	-	-	-
Child Labor	-	-	-	-	-	-	-	-
Religion	-	-	-	-	-	-	-	-
Other	9	18	17	15	17	-	-	76
Total	530	554	588	257	260	-	12	2,201

Table 6.3 indicates that truancy was the main reason for the school drop outs. 1,377 of the recorded 2,201 school drop outs are due to truancy. This is followed by pregnancy with 464 recorded cases. However, it must be noted that Pregnancy as a reason for school dropout only applies to females hence the figures still being high constituting 21.1 percent of the school drop outs.

Figure 5: Number of Secondary School Drop out by level Per Year (2005-2019)

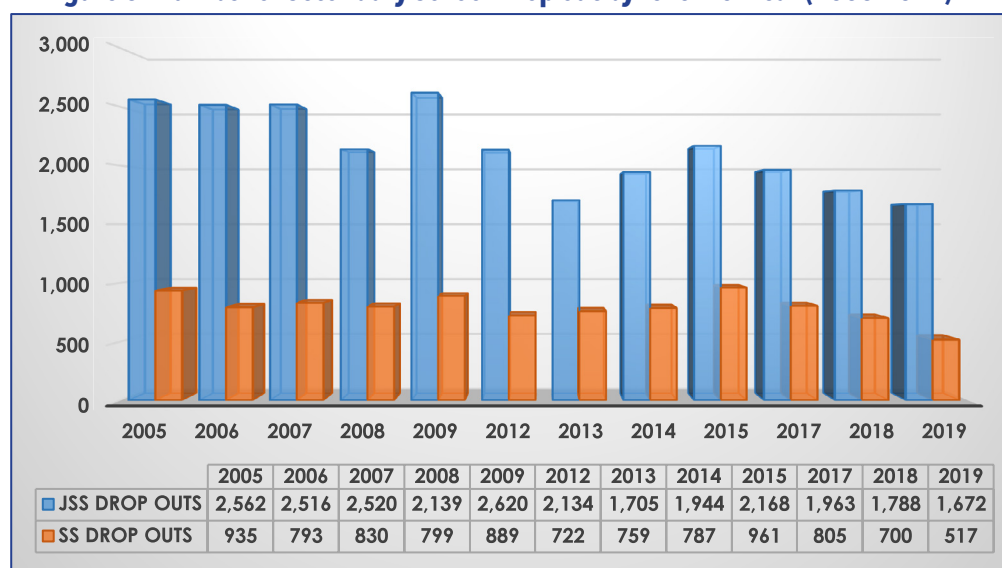


Table 6.4: Secondary School Repeaters by Form and Sex - 2019

REGION	FORM 1		FORM 2		FORM 3		FORM 4		FORM 5		FORM 6		SPED		TOTAL		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	TOTAL
South East	6	1	2	2	43	48	-	4	14	19	-	-	-	-	65	74	139
North East	-	-	3	2	10	5	3	5	28	36	-	-	-	-	44	48	92
South	3	1	-	1	26	-	6	6	24	24	-	-	-	-	59	32	91
Kweneng	5	11	-	6	1	6	5	1	1	-	-	-	-	-	12	24	36
Kgatleng	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North West	1	1	-	1	19	33	1	1	1	2	-	-	-	-	22	38	60
Chobe	-	-	-	-	1	1	-	-	-	-	-	-	-	-	1	1	2
Ghanzi	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Kgalagadi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Central	1	-	-	-	5	12	1	2	2	2	-	-	-	-	9	16	25
Total	16	15	5	12	105	105	16	19	70	83	-	-	-	-	212	234	446

In 2019, the total number of repeaters stood at 446 compared to 444 recorded in 2018. Female students who repeated a grade/form were more than their male counterparts. The highest number of repeaters by form was 105 at Form 3 for both females and male repeaters of 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 2019, the highest number of repeating students were recorded in South East Region followed by North East region. Kgalagadi and Kgatleng recorded no repeaters for the year 2019.

Table 6.5: Re-entrants-2019

Sex	FORM 1	FORM 2	FORM 3	FORM 4	FORM 5	FORM 6	TOTAL
Male	77	61	22	24	-	-	184
Female	60	83	121	97	-	-	361
Total	137	144	143	121	-	-	545

Table 6.5 indicates that in 2019, female re-entrants constituted 66.2 percent of the total re-entrants. Most of the re-entrants; 26.4 percent, were in Form 2 followed by those in Form 3 and Form 1 with respectively.

7.0 SECONDARY SCHOOL TEACHERS 2019

Table 7.1: Secondary School Teachers by Employment Status-2019

Region	Teachers in Post (Permanent & Pensionable)			Teachers in study leave			Teachers on contract			Temporary Teachers			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
South East	750	1273	2,023	4	11	15	219	194	413	18	27	45	991	1,505	2,496
North East	537	707	1,244	4	3	7	48	40	88	22	24	46	611	774	1,385
Southern	866	1063	1,929	7	7	14	44	34	78	24	47	71	941	1,151	2,092
Kweneng	660	975	1,635	4	3	7	36	27	63	22	27	49	722	1,032	1,754
Kgatleng	277	358	635	2	4	6	8	8	16	5	21	26	292	391	683
North West	505	517	1,022	10	10	20	13	10	23	52	68	120	580	605	1,185
Chobe	40	51	91	-	-	-	2	-	2	4	6	10	46	57	103
Ghanzi	128	144	272	-	2	2	2	2	4	14	17	31	144	165	309
Kgalagadi	204	153	357	5	3	8	7	1	8	12	36	48	228	193	421
Central	2,205	2,660	4,865	7	5	12	36	9	45	50	113	163	2,298	2,787	5,085
TOTAL	6,172	7,901	14,073	43	48	91	415	325	740	223	386	609	6,853	8,660	15,513

Figure 6: Secondary School Teachers by Citizenship

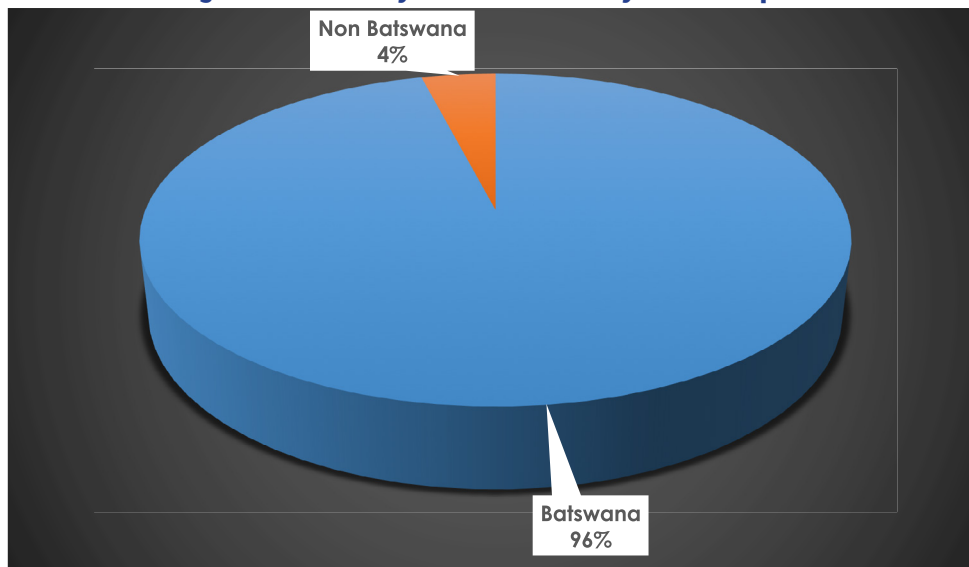
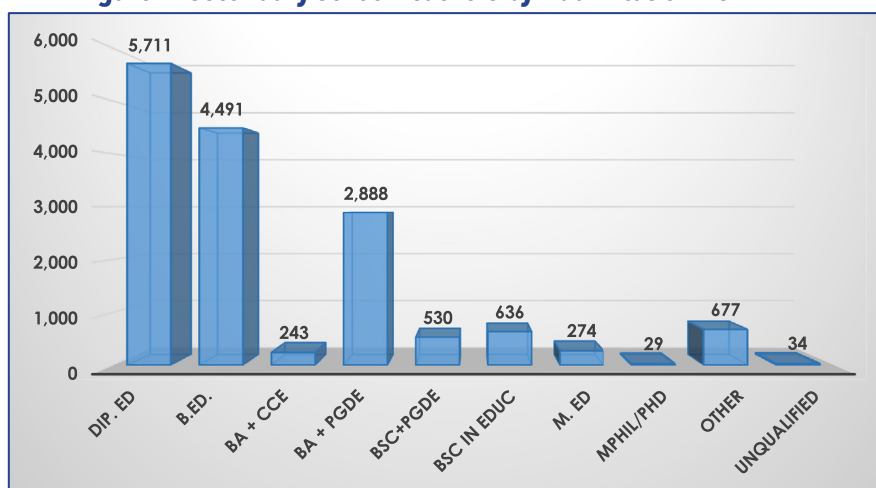


Figure 6; shows that secondary school teachers in Botswana are mainly citizens; accounting for 96 percent of the total teachers compared to 4 percent of non-citizen teachers.

Table 7.2: Secondary School Teachers by Region and Qualification-2019

REGION	QUALIFICATION										SUB TOTAL	Unqualified	Total
	Dip. Ed	B.Ed.	BA + CCE	BA + PGDE	BSC+ PGDE	BSC IN EDUC	M. Ed	MPhil/PhD	Other				
South East	523	811	75	555	134	96	114	10	169	2,487	9	2,496	
North East	460	493	15	207	52	37	29	1	89	1,383	2	1,385	
Southern	746	588	31	388	115	93	32	3	96	2,092	-	2,092	
Kweneng	653	547	9	344	49	75	23	6	48	1,754	-	1,754	
Kgatleng	258	212	18	122	16	28	5	3	21	683	-	683	
North West	485	297	7	236	25	85	11	-	30	1,176	9	1,185	
Chobe	56	24	-	12	2	3	2	-	4	103	-	103	
Ghanzi	136	84	8	47	6	9	2	-	17	309	-	309	
Kgalagadi	131	111	10	106	8	21	3	-	31	421	-	421	
Central	2,263	1,324	70	871	123	189	53	6	172	5,071	14	5,085	
TOTAL	5,711	4,491	243	2,888	530	636	274	29	677	15,479	34	15,513	

Figure 7: Secondary School Teachers by Qualification-2019**Table 7.3 Number of Secondary School Teachers 2008-2019**

Training Status	2008	2012	2013	2014	2015	2017	2018	2019
Trained	12,691	14,051	15,414	15,748	15,542	15,068	15,271	15,479
Untrained	144	30	57	69	108	25	23	34
Total Teachers	12,835	14,081	15,471	15,817	15,650	15,093	15,294	15,513
% Untrained	1	0	0	0	1	0	0	0

The number of untrained teachers in secondary schools has been declining over time. This is indicated by percentage of untrained teachers which reduced from 1.1 percent in 2008 to 0.2 percent in 2012, however a slight increase of 0.25 percentage points was noted in number of untrained teachers in 2015 as compared to 2014. In 2019, 0.22 percent of untrained teachers was recorded. Generally, a decrease in the number of unqualified teachers signifies a better quality education to the learners.

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
MFPD	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.



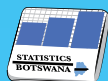
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