Tertiary Education Statistics
2018

**HUMAN
RESOURCE
DEVELOPMENT
COUNCIL
of BOTSWANA**

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STATISTICS BOTSWANA

Tertiary Education Statistics

2018

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FOREWORD

I am excited to share with you the *"Tertiary Education Statistics Report"* for the period 2017/18. The Education and Training statistics contained in this report is compiled annually by the Human Resource Development Council (HRDC). The report monitors performance of the Education and Training Sector and provides information for regional and global benchmarks. It contains indicators on student enrolment and graduates. It further explores issues of coverage, access, participation, equity, sponsorship and staffing. The report gives insight on standard concepts and definitions of general indicators and provides the reader with the list of registered Education and Training Providers (ETPs) who are the source of data.

The Report presents a comprehensive picture of the Tertiary Education landscape in Botswana and serves as a guide to our stakeholders on programmes offered by the different institutions, thus enabling them to make informed decisions and choices on programmes of study and the institution they wish to study at. The Report provides information on Government expenditure on Tertiary Education. Therefore, the Report is critical in monitoring the effectiveness of the Tertiary Education Sponsorships and Sector performance with regards to the responsiveness to the changing labour market trends in Botswana.

The Human Resource Development Council greatly appreciates the efforts of all those who provided the basic institutional data required to produce this publication. It is our sincere hope that this report will provide the reader with statistical data that will enable them to fully comprehend the Education and Training Sector, especially the performance of tertiary education subsector towards the realization of the National Human Resource Development Strategy (NHRDS), the Education and Training Sector Strategy Plan (ETSSP), the Tertiary Education Policy goals and National Vision 2036 pillars.

Joyful reading,

Dr. Raphael Dingalo
Chief Executive Officer
Human Resource Development Council
April 2019

PREFACE

The 2018 "*Tertiary Education Statistics"* report gives comprehensive statistics on tertiary education and training in Botswana for the academic year 2017/18.

The main purpose of producing this report is to provide key statistics on tertiary education and training as well as ensuring that there is sufficient real-time data and information for Human Resource Development planning, as well as key stakeholders and the wider National Statistical System (NSS). Secondly, the report is used to assess and monitor the implementation of the Tertiary Education Policy (TEP) and the National Human Resource Development Strategy (NHRDS), which are geared towards developing relevant and globally competitive human resource in Botswana. Furthermore, these statistics provide an indication on the level of development of tertiary education in terms of the range of education fields/programmes offered, the institutional capacities, the tertiary education outputs such as graduates by fields of education, thus reflecting the potential supply of qualified human resources in different specializations. This report is produced and published in collaboration with Statistics Botswana (SB) to ensure that the statistics produced is of quality, relevance and meets the international standards. The key role of Statistics Botswana has been to provide technical advice and quality assurance on data collection instruments and data standards and methodologies. Therefore the statistics and information contained in this report is authentic and can be used and quoted with the highest level of confidence.

We sincerely thank all the Tertiary Education Institutions in Botswana, both public and private for their significant contribution towards the production of this report. We urge these institutions to continue to provide the required data on time.

Dr. Burton Mguni
Statistician General
Statistics Botswana
April 2019

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List of Acronyms

BEC   Botswana Examination Council

BGCSE   Botswana General Certificate of Secondary Education

BQA   Botswana Qualifications Authority

ETPs   Education and Training Providers

DTEF   Department of Tertiary Education Financing

GER   Gross Enrolment Ratio

GTER   Gross Tertiary Enrolment Ratio

ISCED   International Standard Classification of Education

HEI   Higher Education Institutions

HRDC   Human Resource Development Council

NCC   National Craft Certificate

SB   Statistics Botswana

STEM   Science, Technology, Engineering and Mathematics

TVET   Technical & Vocational Education and Training Education

TE   Tertiary Education

TEIs   Tertiary Education Institutions

TEMIS   Tertiary Education Management Information System

UB   University of Botswana

UIS   UNESCO Institute for Statistics

UNESCO   United Nations Educational Scientific and Cultural Organisation

Introduction

The 2018 Tertiary Education Statistics Report is the fifth statistics report accomplished by the Human Resource Development Council (HRDC) in the last five successive financial years. It contains data on enrolment and graduates for the academic year 2017/18 (i.e. July 2017-June 2018). Data was sourced from all registered Education and Training Providers (ETPs), as per the Botswana Qualifications Authority (BQA)'s register. The report provides real time statistics and data to inform decisions that support the mandate of the Council and its stakeholders, as well as to monitor progress towards attainment of set goals. Statistics contained herein has been quality assured and endorsed by Statistics Botswana (SB) and is therefore the 2018 official Tertiary Education statistics of Botswana. The report also provides information for reporting to the United Nations Educational, Scientific and Cultural Organisation (UNESCO). The UNESCO Institute for Statistics (UIS) is the statistical office of the UNESCO which requires data and information on an annual basis from all member states and Botswana being a member is obliged to report.

Objectives of the Report

   a) Produce 2018 tertiary education indicators.
   b) Produce accurate and up to date statistics on the state of Botswana's tertiary education.
   c) Produce Indicators to support planning and monitoring.
   d) To provide baseline statistics for further research and strategic guidance within the Education sector.

Methodology

This section provides an overview on how the 2017/18 census was conducted with detailed descriptions on various aspects from data collection to processing. It describes the design, data collection method, procedures and techniques used. The 2017/18 Institutional census was conducted between 1st October 2017 and 31st March 2018.

Scope

The scope covers the entire national tertiary education system for all public and private institutions that were registered and accredited by the Botswana Qualifications Authority for the 2017/18 academic year. This however excludes registered institutions which offer short courses with duration of up to 6 months. The Institutional census covered a total of 85 tertiary education institutions which is made up of 39 Higher Education Institutions (HEIs), 8 Technical Colleges and 38 Brigades. Figure 1 depicts the composition of tertiary education institutions in Botswana.

Figure 1: Composition of the Tertiary Educations in 2017/18
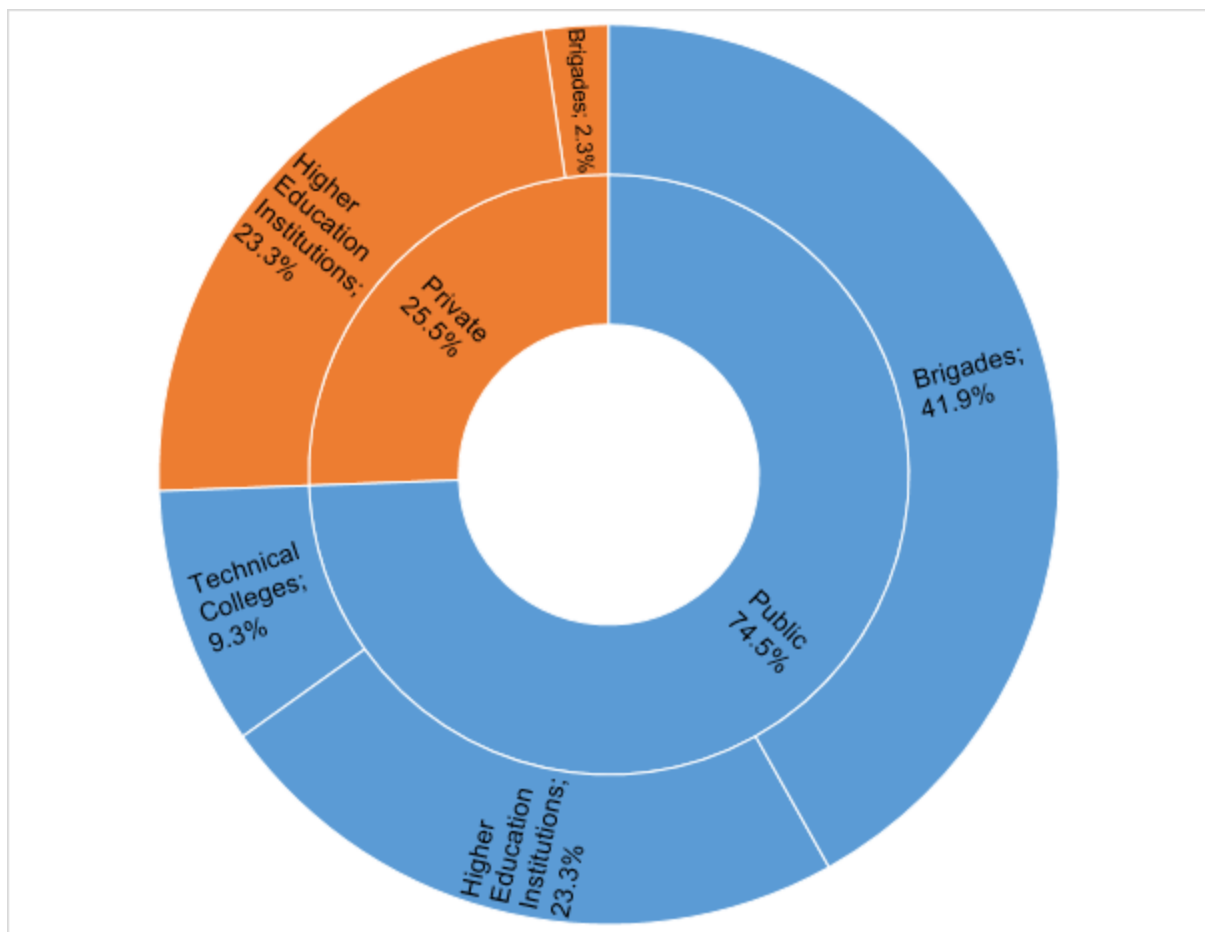
Data from the training institutions is collected during the third and fourth quarters of every financial year thus corresponding to the first semester of the academic year. The process started at the beginning of October 2017 and ended on the last day of March 2018. Data analysis took place during the first quarter of the financial year 2018/19.

Data Collection Process

The process diagram below shows the steps involved in data collection from institutions.

Figure 2: Data process diagram
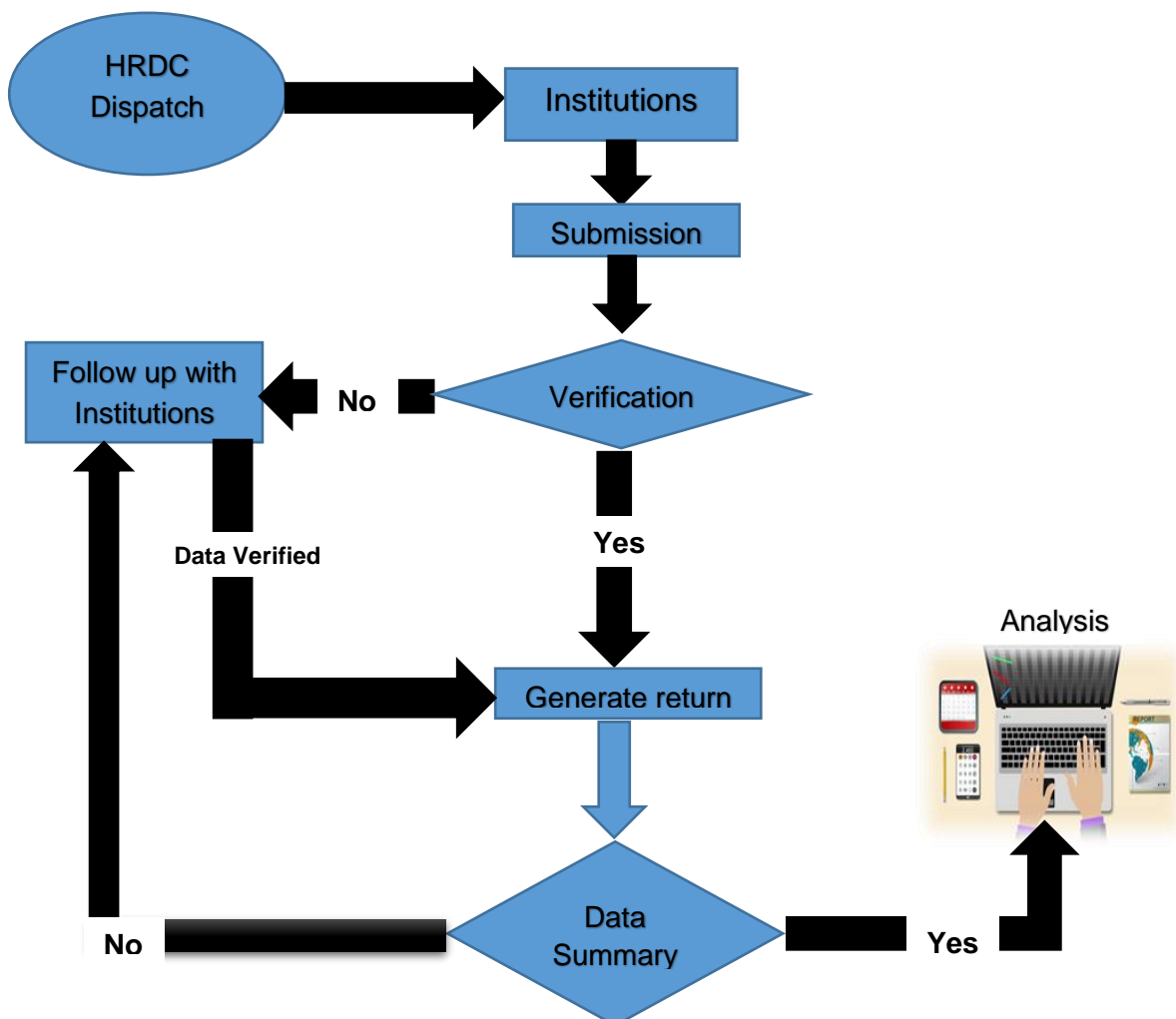
Data Collection Instruments

A fourteen paged Microsoft excel template was designed to collect data from the institutions. Empty templates were sent to institutions to be completed and returned to the Council. The data collected include Learners and Staff profiles, Disability information, Students output, Staff salaries and Public Institutions budgets/allocation among others.

The 2017/18 template was reviewed and improved to reduce the burden of providing repeated information across the fourteen pages. The data collected was used to provide the Council with the basis for calculation of indicators related to education with a view to provide guidance and policy advice. Administrative records were also sourced from key stakeholders in the provision of education and related statistics such as Statistics Botswana, Botswana Examination Council (BEC) and Department of Tertiary Education Financing (DTEF).

Response Rate

The response rate from tertiary institutions with respect to 2017/18 census is reflected in table 1 below;

Table 1: Tertiary Institutions response rate

Public			Private	
Higher Education Institutions	Technical Colleges	Brigades	Higher Education Institutions	Brigades
19 (100%)	8 (100%)	36 (100%)	20 (100%)	2 (100%)

Confidentiality of information collected

All the information collected in the 2017/18 Census was only used for compiling statistics and no individual personal information was divulged. Individual personal information was removed in the processing of dataset to ensure that personal information could not be deduced from statistics contained in detailed tabulations. This was done to protect the confidentiality of students and staff personal information provided by institutions.

Data Analysis

Data was analysed using Microsoft Excel and Microsoft Access. The data was also standardised using the International Standard Classification of Education (ISCED 2011). The required tertiary education indicators were then calculated and quality assured by Statistic Botswana.

Methodological Challenges

- Data inconsistency
- Late submission beyond the reference period
- Change of focal persons in other institutions

The above challenges resulted in delay in the production of the report only and had no implications on the quality of the output.

SECTION A: TERTIARY EDUCATION LANDSCAPE

SECTION A1: PARTICIPATION IN TERTIARY EDUCATION

The contribution of Tertiary education[1] to a country's development is immeasurable. In fact, it has been established that there is a direct correlation between higher education and level of development (Fisher and Scott 2011). Participation in tertiary education can be used as an indicator of comparative effectiveness of the country's tertiary education system. Over the past decade, Botswana's tertiary education has shown that enrolment increased from 47, 889 in 2008 to 53 450 in 2018. Chart A1.1 below shows the enrolment trends from 2008/9 to 2017/18.

Chart A1. 1: Student Enrolment
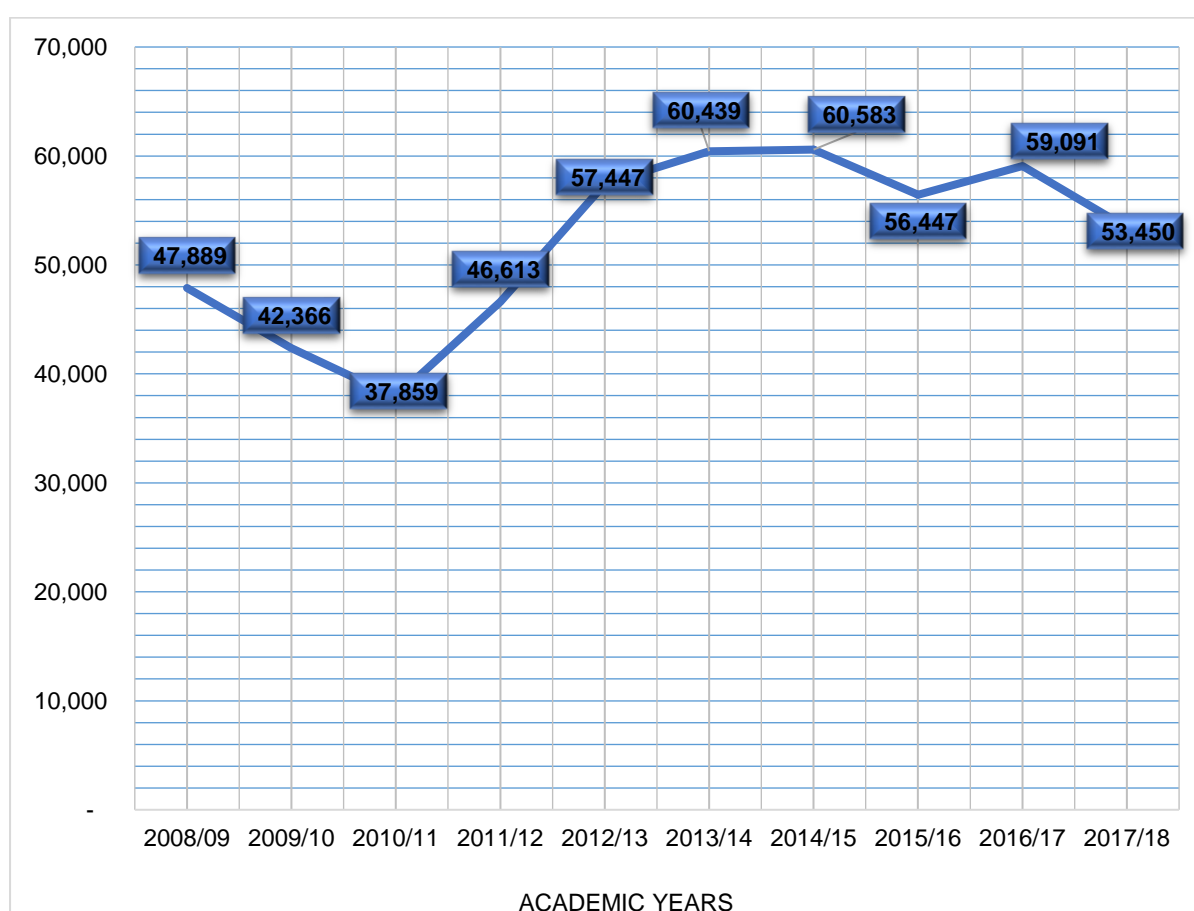
Source: Education and Training Providers (Higher education) 2008-2018

Key Results

The Education and Training Providers (Higher education) enrolled a total of 53,450 students in 2017/18. There was 9.5% decrease in the number of students enrolled between 2016/17 and 2017/18. The highest enrolments of students were recorded in academic years 2013/14 and 2014/15 with enrolment of 60,439 and 60,583 respectively.

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[1] Any programme which is offered beyond the level of senior secondary education, including technical and vocational education and training

Table A1. 1 Student Enrolment by institution type and Gender

Qualification Level	Female	Male	Total	% Female
Private Institutions	5,165	3,297	8,462	61.0
Private Universities	6,360	4,939	11,299	56.3
Colleges of Education	753	320	1,073	70.2
Institute of Health Sciences	840	488	1,328	63.3
Technical Colleges	976	1,834	2,810	34.7
Public Institutions	4,075	2,437	6,512	62.6
Public Universities	12,977	8,989	21,966	59.1
Total	**31,146**	**22,304**	**53,450**	**58.3**
Brigades	2,503	3,290	5,793	43.2
Grand Total	**33,649**	**25,594**	**59,243**	**56.8**

Source: Tertiary Education Statistics 2018

Key Results

Table A1.1 shows that the total enrolment in tertiary education institutions in 2017/18 was 59,243 of which 5,793 was enrolled in Brigades. Majority of the students (21,966) were enrolled in public universities being University of Botswana (UB), Botswana University of Agriculture and Natural Resources (BUAN) and Botswana Open University (BOU), followed by 11,299 in private universities (i.e Botho, Ba Isago and Limkokwing Universities). The total female enrolment was 33,649 constituting 56.8 percent compared to 25,594 (43.2) of males. Furthermore, female enrolment in Brigades was 2,503 constituting 43.2 percent of the total Brigades enrolment. The female enrolment was above 50 percent across all types of tertiary education institutions except for technical colleges and brigades which stood at 34.7 and 43.2 percent respectively. Colleges of education recorded the highest percentage (70.2%) of female enrolment amongst institutions.

Table A1. 2: Student Enrolment by Type of Qualification and Gender-2017/18

Qualification Level	Female	Male	Total	% Female
TRADE TEST C[2]	1,203	2,175	3,378	35.6
TRADE TEST B[3]	293	685	978	30.0
CERTIFICATE[4]	3,074	2,326	5,400	56.9
DIPLOMA[5]	8,018	4,954	12,972	61.8
BACHELORS	17,973	13,387	31,360	57.3
POST GRADUATES DIPLOMA	373	202	575	64.9
MASTERS	1,229	935	2,164	56.8
MASTER OF PHILOSOPHY	44	55	99	44.4
DOCTOR OF PHILOSOPHY	75	118	193	38.9
PROFESSIONAL QUALIFICATIONS	1,349	732	2,081	64.8
Non PURPOSE DEGREE[6]	18	25	43	41.9
GRAND TOTAL	**33,649**	**25,594**	**59,243**	**56.8**

Source: Tertiary Education Statistics 2018

Key Results

Table A1.2 shows that majority of the students were enrolled in undergraduate programmes. A total of 3,031 students were enrolled in post graduate programmes out of which 2,263 were enrolled in Masters and 193 in PhD programmes. Degree programmes had the largest enrolment of 31,360 students. Furthermore, forty-three (43) students were enrolled in exchange programmes for international students with University of Botswana. Female enrolment was above 50 percent across all tertiary education qualification levels except for Trade Test C which stood at 35.6 percent, Trade Test B at 30.0 percent, Master of Philosophy at 44.4 percent and Doctor of Philosophy at 38.9 percent.

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[2] Semi-Skilled programmes below the certificate level (foundation)
[3] Semi-Skilled programmes below the certificate level (Intermediate)
[4] Include Certificate, Advanced Certificates and National Craft Certificate (NCC)
[5] Diploma programmes are diploma, Advanced Diploma, Post Basic Diploma and Associate Degree
[6] Exchange programmes for international students with University of Botswana

Table A1. 3: Enrolment by Institution and Level of Qualification-2017/18

Institution Type	Trade Test C	Trade Test B	Certificate	Diploma	Post Graduate	Bachelor	Masters	M-Phil	PHD	Profess Courses	Other Unclassified	Total
Brigades	3,240	816	1,737									5,793
Colleges of Education				1,073								1,073
Institute of Health Sciences				1,328								1,328
Private Institutions			611	2,339		5,158	43			311		8,462
Private Universities			206	2,884		7,719	164			321	5	11,299
Public Institutions			769	543	279	3,381	72			1449	19	6,512
Public Universities			799	3,605	264	15,102	1,885	99	193		19	21,966
Technical Colleges	138	162	1,278	1,200	32							2,810
TOTAL	3,378	978	5,400	12,972	575	31,360	2164	99	193	2,081	43	59,243

Source: Tertiary Education Institutions 2017

Key Results

According to Table A1.3, master of philosophy and doctor of philosophy were offered in public universities only and shows a total enrolment of 292. Colleges of Education and Institutes of Health Sciences offered diploma programmes only with total enrolment of 1,073 and 1,328 respectively. Technical Colleges recorded the highest certificate enrolment standing at 1,278 (23.67%). The second highest enrolment in technical colleges was in diploma programmes standing at 1,200. Enrolment in Brigades (5,793) was constituted by students in Trade Test C, Trade Test B and Certificate programmes, with the highest enrolment in Trade Test C; 3,240.

Table A1. 4: Student trends by Institution type, Qualification and Academic Years

Type of Institution	Qualification Level	2013/14	2014/15	2015/16	2016/17	2017/18
Brigades	Trade Test C				3,651	3,240
	Trade Test B				1,226	816
	Certificate				1,840	1,737
	TOTAL				**6,717**	**5,793**
Colleges of Education	Diploma	2,859	2,417	1,817	1,112	1,073
	TOTAL	**2,859**	**2,417**	**1,817**	**1,112**	**1,073**
Institute of Health Sciences	Diploma	1,567	1,435	1,447	1,294	1,328
	TOTAL	**1,567**	**1,435**	**1,447**	**1,294**	**1,328**
Private Institutions	Certificate	617	1,062	373	1,395	611
	Diploma	12,634	9,971	6,813	3,836	2,339
	Post Graduate Diploma		117	33		
	Bachelor's Degree	10,794	13,135	13,174	6,023	5,158
	Master's Degree	118	111	153	78	43
	Doctor of Philosophy					
	Professional Courses	2,156	1,429	1,161	325	311
	TOTAL	**26,319**	**25,825**	**21,707**	**11,657**	**8,462**
Private Universities	Certificate				2,393	206
	Diploma				2,109	2,884
	Post Graduate Diploma				7	
	Bachelor's Degree				8,366	7,719
	Master's Degree				186	164
	Doctor of Philosophy					
	Professional Courses				554	321
	Others					5
	TOTAL				**13,615**	**11,299**

Table A1. 4: Student by Institution type, Qualification and Academic Years cont'd……

Type of Institution	Qualification Level	2013/14	2014/15	2015/16	2016/17	2017/18
Public Institutions	Certificate	547	339	1,841	434	769
	Diploma	1,452	2,776	3,814	3,124	543
	Post Graduate Diploma			38		279
	Bachelor's Degree	3,894	4,058	3,498	4,407	3,381
	Master's Degree	334	241	432	439	72
	Doctor of Philosophy	2	5			
	Professional Courses	2,347	1,420	1,475	2,938	1,449
	Others					19
	TOTAL	**8,576**	**8,812**	**11,098**	**11,342**	**6,512**
Public Universities	Certificate					799
	Diploma	1,523	1,523	831	652	3,605
	Post Graduate Diploma	189	189	379	281	264
	Bachelor's Degree	15,215	16,013	12,782	13,016	15,102
	Master's Degree	1,558	1,561	1,811	1,608	1,984
	Doctor of Philosophy	89	89	133	143	193
	Others					19
	TOTAL	**18,573**	**19,375**	**16,010**	**15,727**	**21,966**
Technical Colleges	Trade Test C					138
	Trade Test B					162
	Certificate	1,160	1,037	2,626	2,891	1,278
	Diploma	935	1,526	1,742	1,453	1200
	Post Graduate Diploma		156			32
	Professional Courses	449				
	Total	**2,544**	**2,719**	**4,368**	**4,344**	**2,810**
GRAND TOTAL		**60,439**	**60,583**	**56,477**	**59,091**	**59,243**

Table A1. 5: Trends on students enrolment- Share by Institution Type

TEI STATUS	TEI TYPE2	% Share	2013/14	% share	2014/15	% share	2015/16	% share	2016/17	% share	2017/18	% share
PRIVATE												
	Brigades	…	…	…	…	…	…	…	107	0.2	105	0.2
	Other Institutions	30.3	20,200	33.5	19,897	32.8	10,196	18.1	11,657	17.7	8,462	14.3
	University	9.1	6,120	10.1	5,928	9.8	11,511	20.4	13,615	20.7	11,299	19.1
	Total	**39.4**	**26,320**	**43.6**	**25,825**	**42.6**	**21,707**	**38.5**	**25,379**	**38.6**	**19,866**	**33.5**
PUBLIC												
	Brigades	…	…	…	…	…	…	…	6,610	10.0	5688	9.6
	College of Education	4.4	2,859	4.7	2,417	4	1,817	3.2	1,112	1.7	1,073	1.8
	Health Sciences	2.9	1,567	2.6	1,435	2.4	1,447	2.6	1,294	2.0	1,328	2.2
	Other College	18.8	8,576	14.2	8,812	14.5	11,098	19.7	11,342	17.2	6,512	11.0
	Technical College	3.2	2,544	4.2	2,719	4.5	4,368	7.7	4,344	6.6	2,810	4.7
	University	31.3	18,573	30.7	19,375	32	16,010	28.4	15,723	23.9	21,966	37.1
	Total	**60.6**	**34,119**	**56.4**	**34,758**	**57.4**	**34,740**	**61.5**	**40,429**	**61.4**	**39,377**	**66.5**
TOTAL		**100**	**60,439**	**100**	**60,583**	**100**	**56,447**	**100**	**65,808**	**100**	**59,243**	**100**

Table A1. 6: Student Enrolment- ISCED and Gender 2017/18

ISCED BROAD GROUP	Brigades Institutions				Higher Education Institutions				Grand Total
	Female	Male	Total	% Female	Female	Male	Total	% Female	
Agriculture	271	235	506	53.6	411	517	928	44.3	1,434
Education	177	13	190	93.2	4,616	1,688	6,304	73.2	6,494
Engineering, Manufacturing & Construction	1,253	2,779	4,032	31.1	2,185	5,367	7,552	28.9	11,584
Health & Welfare	7	6	13	53.8	5,325	2,579	7,904	67.4	7,917
Humanities & Arts	-	-			1,613	1,262	2,875	56.1	2,875
Science	188	92	280	67.1	2,206	3,288	5,494	40.2	5,774
Services	50	8	58	86.2	1,659	868	2,527	65.7	2,585
Social Sciences, Business & Law	557	157	714	78.0	13,115	6,727	19,842	66.1	20,556
Other			-		16	8	24	66.7	24
Total	**2,503**	**3,290**	**5,793**	**43.2**	**31,146**	**22,304**	**53,450**	**58.3**	**59,243**

Source: Tertiary Education Institutions 2017

Key Results

Enrolment in Brigades was concentrated in the field of Engineering, Manufacturing and Construction with a total of 4,032 students (69.6%). Furthermore, the highest enrolment in higher education institutions was in Social Science, Business & Law with 19,842 (37.1%) students followed by Health & Welfare with 7,904 (14.8%) students.

Table A1. 7: Student Enrolment- ISCED broad groups and level of Qualification -2017/18

ISCED BROAD GROUP	Trade Test C	Trade Test B	Certificate	Diploma	Bachelor	Masters	MPhil	PHD	Post Grad	Prof courses	Unknown	Total
Agriculture	400	104	2	151	742	31		4				1,434
Education	42	94	503	2,499	2,473	552	19	20	292			6,494
Engineering, Manufacturing & Construction	2,921	780	1,347	2,217	4,100	183	4	32				11,584
Health & Welfare			344	2,268	5,082	205	11	7				7,917
Humanities & Arts			393	873	1,456	130	10	13				2,875
Science			424	228	4,727	259	27	80		29		5,774
Services	15		283	820	1,344	63	12	12			19	2,568
Social Sciences, Business & Law			2,104	3,916	11,436	741	16	25	283	2,052		20,573
Unclassified											24	24
Total	**3,378**	**978**	**5,400**	**12,972**	**31,360**	**2,164**	**99**	**193**	**575**	**2,081**	**43**	**59,243**

Table A1. 8: Student Enrolment by Institution, ISCED group and Gender 2017/18

	ISCED BROAD GROUP	Female	Male	Total	% Female
Brigades	Agriculture	271	235	506	53.6
	Education	177	13	190	93.2
	Engineering, Manufacturing & Construction	1,253	2,779	4,032	31.1
	Health & Welfare	7	6	13	53.8
	Humanities & Arts				
	Science	188	92	280	67.1
	Services	50	8	58	86.2
	Social Sciences, Business & Law	557	157	714	78.0
	Unclassified				
	Total	**2,503**	**3,290**	**5,793**	**43.2**
Colleges of Education	Agriculture				
	Education	753	320	1,073	70.2
	Engineering, Manufacturing & Construction				
	Health & Welfare				
	Humanities & Arts				
	Science				
	Services				
	Social Sciences, Business & Law				
	Unclassified				
Institute of Health Sciences	Agriculture				
	Education				
	Engineering, Manufacturing & Construction				
	Health & Welfare	840	488	1,328	63.3
	Humanities & Arts				
	Science				
	Services				
	Social Sciences, Business & Law				
	Unclassified				
Private Institutions	Agriculture	0	1	1	0.0
	Education	372	70	442	84.2
	Engineering, Manufacturing & Construction	231	823	1,054	21.9
	Health & Welfare	2,435	1,083	3,518	69.2
	Humanities & Arts	109	151	260	41.9
	Science	36	26	62	58.1
	Services	146	85	231	63.2
	Social Sciences, Business & Law	1,836	1,058	2,894	63.4
	Unclassified				
	Total	**5,165**	**3,297**	**8,462**	**61.0**

Table A1.9: Enrolment by Institution, ISCED group and Gender 2017/18 cont'd………

	ISCED BROAD GROUP	Female	Male	Total	% Female
Private Universities	Agriculture				
	Education	430	175	605	71.1
	Engineering, Manufacturing & Construction	627	965	1,592	39.4
	Health & Welfare	746	386	1,132	65.9
	Humanities & Arts	524	558	1,082	48.4
	Science	539	987	1,526	35.3
	Services	686	293	979	70.1
	Social Sciences, Business & Law	2,806	1,572	4,378	64.1
	Unclassified	2	3	5	40.0
	Total	**6,360**	**4,939**	**11,299**	**56.3**
Public Institutions	Agriculture				
	Education	236	71	307	76.9
	Engineering, Manufacturing & Construction	97	110	207	46.9
	Health & Welfare	389	125	514	75.7
	Humanities & Arts	257	101	358	71.8
	Science	247	495	742	33.3
	Services	316	206	522	60.5
	Social Sciences, Business & Law	2,533	1,329	3,862	65.6
	Total	**4,075**	**2,437**	**6,512**	**62.6**
Public universities	Agriculture	411	516	927	44.3
	Education	2,770	882	3,652	75.8
	Engineering, Manufacturing & Construction	848	2,077	2,925	29.0
	Health & Welfare	915	497	1,412	64.8
	Humanities & Arts	723	452	1,175	61.5
	Science	1,281	1,673	2,954	43.4
	Services	284	173	457	62.1
	Social Sciences, Business & Law	5,731	2,714	8,445	67.9
	Unclassified	14	5	19	73.7
	Total	**12,977**	**8,989**	**21,966**	**59.1**
Technical Colleges	Agriculture				
	Education	55	170	225	24.4
	Engineering, Manufacturing & Construction	382	1,392	1,774	21.5
	Science	103	107	210	49.0
	Services	227	111	338	67.2
	Social Sciences, Business & Law	209	54	263	79.5
	Total	**976**	**1,834**	**2,810**	**34.7**
Grand Total		**33,649**	**25,594**	**59,243**	**56.8**

Chart A1. 2: Enrolment Trends in Higher Education 2009-2017

Legend:
- Agriculture
- Education
- Engineering, Manufacturing & Construction
- Health & Welfare
- Humanities & Arts
- Science
- Services
- Social Sciences, Business & Law
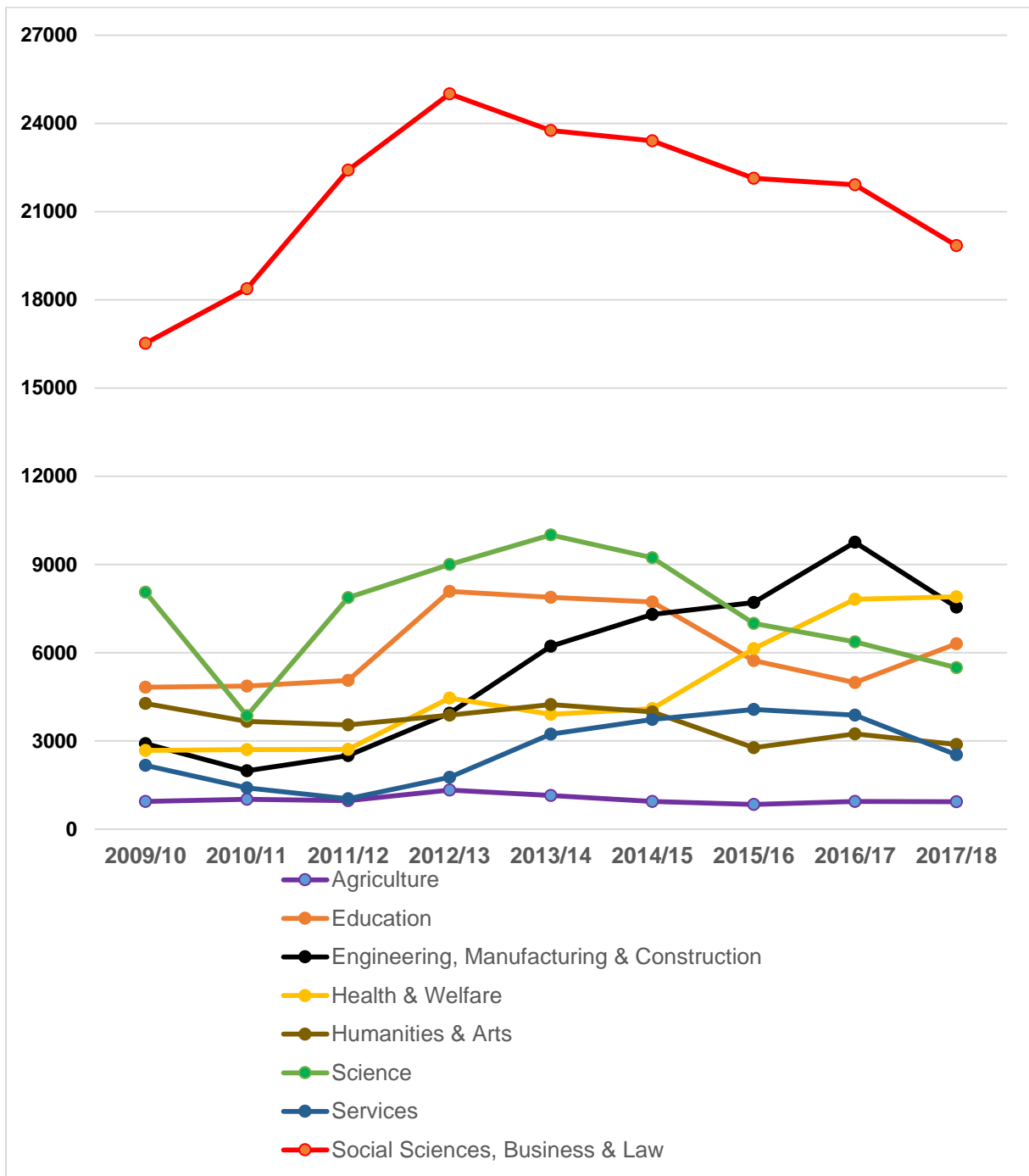
Key Results

The Social Sciences, Business and Law dominated with the highest enrolments over the years. Although this field of education has had the highest enrolment, there has been a downward trend from 25,005 students in 2012/13 to 19,842 students in 2017/18. There has been a rise in the total number of students enrolled in Engineering, Manufacturing and Construction over the past eight years. Agriculture continued to record the lowest enrolment over the years.

SECTION A2: TRANSITION FROM SECONDARY TO TERTIARY EDUCATION

Secondary education system in Botswana is comprised of three years of junior (lower) secondary education and two years of senior (upper) secondary education. This traditional structure of secondary education is a parallel bridge between primary education on one side, and tertiary education on the other. It thus serves primarily as an educational transition from basic to tertiary education. To qualify for transition to tertiary education in Botswana, students need to first complete senior secondary education and ultimately sit for the Botswana General Certificate of Secondary Education (BGCSE) examinations or other internationally recognised attainment levels. BGCSE is the highest local examination level in the education model under Basic Education. The total number of students who sit for the BGCSE in a given year, are therefore used as a proxy to estimate the number of prospective tertiary first time students who are expected to enter tertiary education realm in the following year.

Table A2. 1: Number of Candidates who sat for BGCSE– (2009-2017)

Year	Candidates in Full-time Attendance at Government Schools	Candidates in Full-time Attendance at Private Schools	Private Candidates	Total Number of Candidates
2017	25,750	1,739	8,881	36,370
2016	25,011	4,573	5,878	35,462
2015	25,634	5,056	8,100	38,790
2014	25,186	2,932	9,266	37,384
2013	24,494	2,421	7,154	34,069
2012	23,158	3,116	5,391	31,665
2011	21,240	1,868	5,594	28,702
2010	21,250	2,361	5,752	29,363
2009	23,897	1,862	5,709	31,468

Data Source: Botswana Examination Council (2017)

Table A2.1 shows the number and trend of BGCSE candidates for the last 8 years. The BGCSE Candidates reduced from 23,897 in 2009 to 21,240 in 2011, then steadily increased to 38,790 in 2015, then dropped by 8.6 percent to 35,462 in 2016 only to increase again slightly to 36,370 in 2017.

Transition Rate (TR)

Transition rate is defined as the number of first time students (first year students) enrolled into tertiary education inclusive of Technical & Vocational Education and Training Education (TVET) in a given year expressed as a percentage of the total number of candidates who sat for BGCSE. This indicator shows how many students finish secondary education the previous year and then make transition into their first year of tertiary education. It conveys information on the degree of access from low to a higher level of education. A high transition rate indicates a high share of students transiting from secondary to tertiary education. Likewise, a lower transition rate indicates a low share of students continuing their education from secondary level to tertiary level due to various factors such as high failure rate and limited intake capacity of the tertiary education system.

Table A2. 2: New Intake and Transition Rate by Type of TEIs 2017/18

Type of Institution	New Intake	Transition Rate (Crude)
Level 4 (Certificates)		
PRIVATE	312	0.88%
PUBLIC	325	0.92%
BRIGADES	1,674	4.72%
TOTAL	2,311	6.52%
Level 5-8 (Diploma-PhD)		
PRIVATE INSTITUTIONS	3,307	9.33%
PUBLIC INSTITUTIONS	5,089	14.35%
TOTAL	8,396	23.68%
GRAND TOTAL	10,707	30.19%

Data source: Tertiary Institutions

According to table A.2 above, from the 35,462 candidates who sat for BGCSE in 2016, 30.19 percent of them managed to transit to tertiary education, implying that almost 70 percent of the students were not able to transit to tertiary education. An estimated 6.5 percent of those who sat for BGCSE enrolled for certificate programmes from both public and private institutions with the majority of them enrolling for Technical & Vocational Education and Training education. Those who enrolled for diploma and advanced

programmes, 14.4 percent enrolled into public institutions while 9.3 percent enrolled with private institutions. Considering that first time students into tertiary education does not necessarily mean they are transitioning straight from secondary education, only first years aged 21 years and below were used as a proxy for the number of new entrants in the first year of tertiary education level. The reason for the relatively low overall transition rate could range from various factors such as high failure rate from secondary education, exclusion (from table A2.2) of students enrolled outside the country, limited tertiary education sponsorship from the government as well as limited intake capacity of Botswana's tertiary education system.

SECTION A3: GROSS TERTIARY ENROLMENT RATIO (GTER)

Gross Enrolment Ratio (GER) is a statistical measure used in the education sector and by the United Nations to determine the number of students enrolled in school at different grade levels (primary, secondary school and tertiary institutions). The ratio is used to show the relation of the number of students who live in that country to official school-age population for a particular grade level. Gross Tertiary Enrolment Ratio (GTER) on the other hand is an indicator used to show tertiary education participation and capacity of a given education system. It is therefore defined as a ratio between the number of students enrolled in tertiary education, irrespective of age, and the population in the theoretical age group for that level of education, expressed as a percentage. For example, Botswana's tertiary education official age group is 18 – 24 years. A high GER generally indicates a high degree of participation, irrespective of whether the students belong to the official age group or not and thus GER can exceed 100% due to the inclusion of over-aged and under-aged students as well as repeaters.

Table A3. 1: Gross Tertiary Education Enrolment Ratio – 2005/6-2017/18

Academic Year	Population [7] (18-24 Years)	Total Enrolment	GTER (18-24) (%)
2006/07	270,371	22,257	8.2
2007/08	274,084	31,129	11.4
2008/09	277,439	47,889	17.3
2009/10	280,403	42,366	15.1
2010/11	282,777	37,859	13.4
2011/12	284,278	46,613	16.4
2012/13	284,817	57,447	20.2
2013/14	284,820	60,439	21.2
2014/15	284,289	60,583	21.3
2015/16	292,395	56,447	19.3
2016/17	293,225	59,091	20.2
2017/18	292,991	53,450	18.2

Data Sources: Statistics Botswana (2015). Population Projections – 2011 -2026 & HRDC (2015). Tertiary Education Report

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[7] Population for 2006– 2017 was derived from Statistics Botswana (2015). Population Projections – 2011 - 2026

Chart A3. 1: Gross Tertiary Enrolment Ratio (%) – 2005/6-2017/18
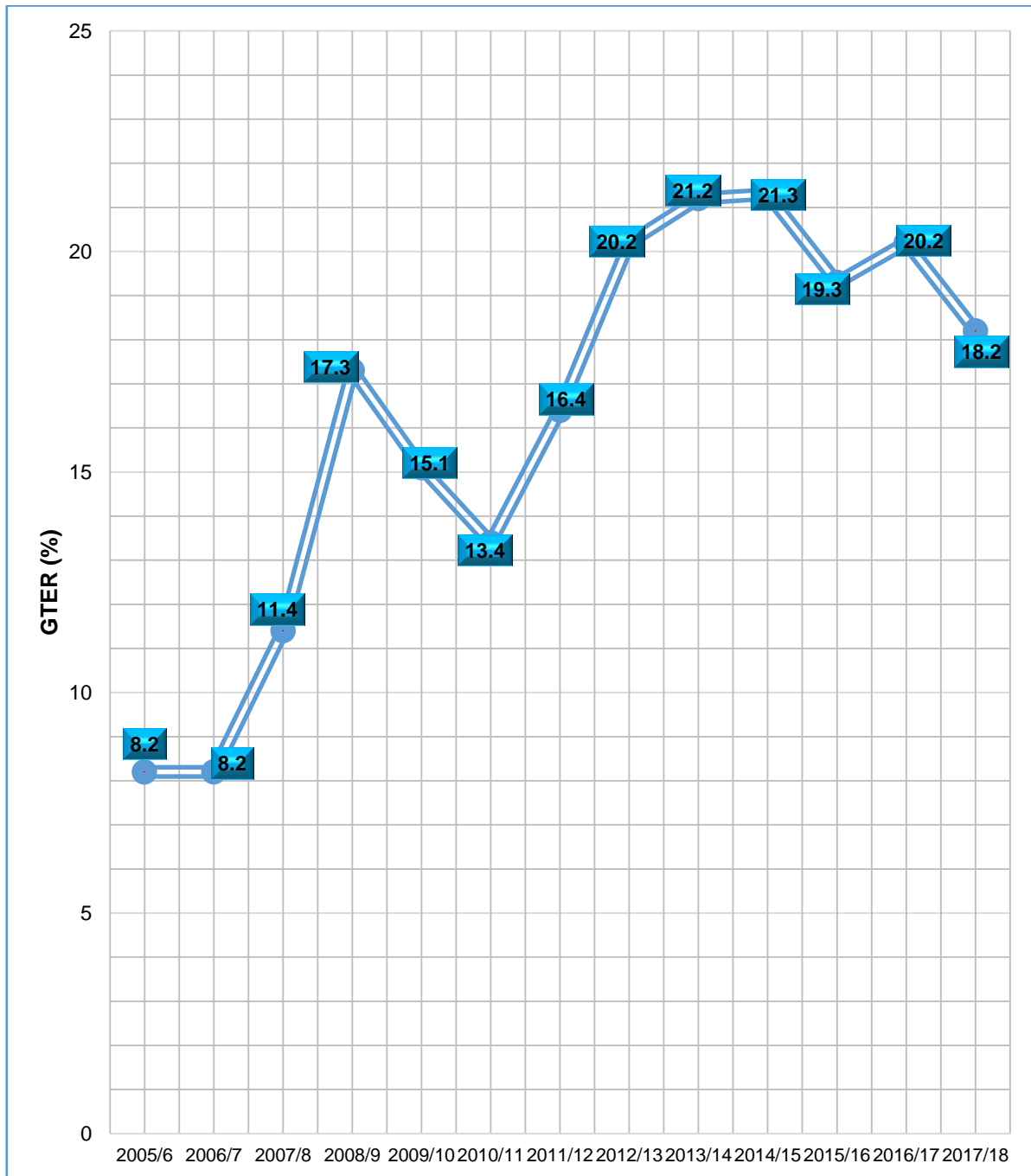
Data Sources: Statistics Botswana (2015). Population Projections – 2011 -2026 & HRDC (2015). Tertiary Education at Glance

Key Results

Chart A3.1 indicates a decline of 2 percent in Gross Tertiary Enrolment Ration from 20.2 percent in 2016/17 to 18.2 percent in 2017/18. However, it is observed that there has been an improvement in access to tertiary education as evidenced by the upward trend in the Gross Tertiary Education Enrolment Rate which rose from 11.4% (31,129) in 2007/08 to 20.2% (59,091) in 2016/17.

GROSS TERTIARY ENROLMENT RATIO- COMPARISON

Chart A3.2 below shows the regional comparison of the gross tertiary enrolment ratio. Botswana is compared to 4 other Southern African countries (Lesotho, Mauritius, Namibia and South Africa). Botswana experienced, in general, a slight increase in the participation rates from 2007 to 2016, it however fell in 2017 to 18.2% from 22.2% in 2016. This means that the provision of access to tertiary education has improved a little in relation to the population of the official age group. Compared to other countries in the region, Botswana, South Africa and Namibia have had almost similar participation rates. Mauritius consistently had the highest participation rate over the years within the region and amongst the highest in Africa. Lesotho has consistently been among the lowest in the region. Botswana participation rate however, is way higher than the average participation rate of Sub-Saharan Africa but lower than the World participation rates.

Chart A3. 2: Gross Tertiary Enrolment ratio Comparisons

Gross Tertiary Enrolment Ratio –Regional and International Comparisons

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Botswana	11.4%	17.3%	15.1%	13.4%	16.4%	20.2%	21.2%	21.3%	19.3%	22.2%	18.2%
Mauritius	37.3%	41.4%	43.4%	45.1%	45.0%	46.6%	50.1%	49.0%	47.4%	46.6%	46.6%
South Africa	16.3%	16.7%	17.0%	17.8%	17.0%	19.0%	20.0%	18.0%	19.0%	18.0%	
Namibia						18.3%	19.1%	20.2%	21.1%	22.6%	
Lesotho						11.1%	10.3%	10.0%	9.1%		
Sub-Saharan Africa	6.5%	6.9%	7.4%	7.9%	8.1%	8.2%	8.5%	8.6%	8.8%	9.0%	9.0%
World	25.9%	26.9%	28.0%	29.4%	31.1%	32.5%	33.2%	35.6%	36.7%	37.5%	37.9%

Source: *Human Resource Development Council-Botswana*

Council on Higher Education -South Africa

Tertiary Education Commission – Mauritius

Namibia Higher Education Statistical Yearbook 2016

http://data.uis.unesco.org/index.aspx?queryid=175#

https://ourworldindata.org/tertiary-education

Official tertiary age group for Mauritius is (20 – 24).   * Official tertiary age group for Namibia is (19 – 23)

GLOBAL RANKING IN GROSS TERTIARY EDUCATION ENROLMENT

Table A3. 2: Tertiary Education Enrolment Global Ranking

YEAR COUNTRY	2012/13 Rank/144	2013/14 Rank/148	2014/15 Rank/144	2015/16 Rank/140	2016/17 Rank/138	2017/18 Rank/137
Finland	3	2	4	4	2	2
New Zealand	8	9	12	12	10	7
Sweden	17	18	27	26	15	18
Canada	35	38	45	42	19	13
Singapore	19	20	10	9	1	1
Tunisia	-	71	73	71	93	82
Mauritius	82	75	68	65	52	52
South Africa	101	102	93	93	77	85
Namibia	115	119	117	117	110	111
Botswana	**119**	**125**	**123**	**96**	**88**	**96**

Source: Global Competitiveness Report 2010/11 – 2017/18

Table A3.2 shows the tertiary education enrolment global ranking, Singapore has been the highest ranking amongst all the 10 competing economies represented, Namibia has been the lowest ranked in 2017/18 as has been the case in the last 3 years. It's worth mentioning that Singapore has moved from position 27 to position 1 in only 6 years (2011/12 to 2016/17), a position they maintained in 2017/18. There has been a gradual and modest improvement for all the SADC countries over the last 6 years from 2011/12 to 2016/17 with Botswana moving from position 117 to 88, Mauritius 81 to 52, South Africa 97 to 77 and Namibia with 112 to 110. However, all the SADC countries rankings dropped in 2017/18 except Mauritius which maintained its position of 52 from the previous year. A positive relationship is observed between countries with high income economic status and a high GTER.

SECTION B: GRADUATES

Number of Tertiary Education Graduates

A graduate in the reference period refers to a person who has successfully completed a course of study or training and has been awarded an academic degree. In context, graduates are deemed to be students who completed their tertiary education in the reference period, either as first timers or more. Section B shows the number of students who have successfully completed their studies in different tertiary education institutions for the academic year 2017/18.

Chart B. 1: Graduates 2009-2017
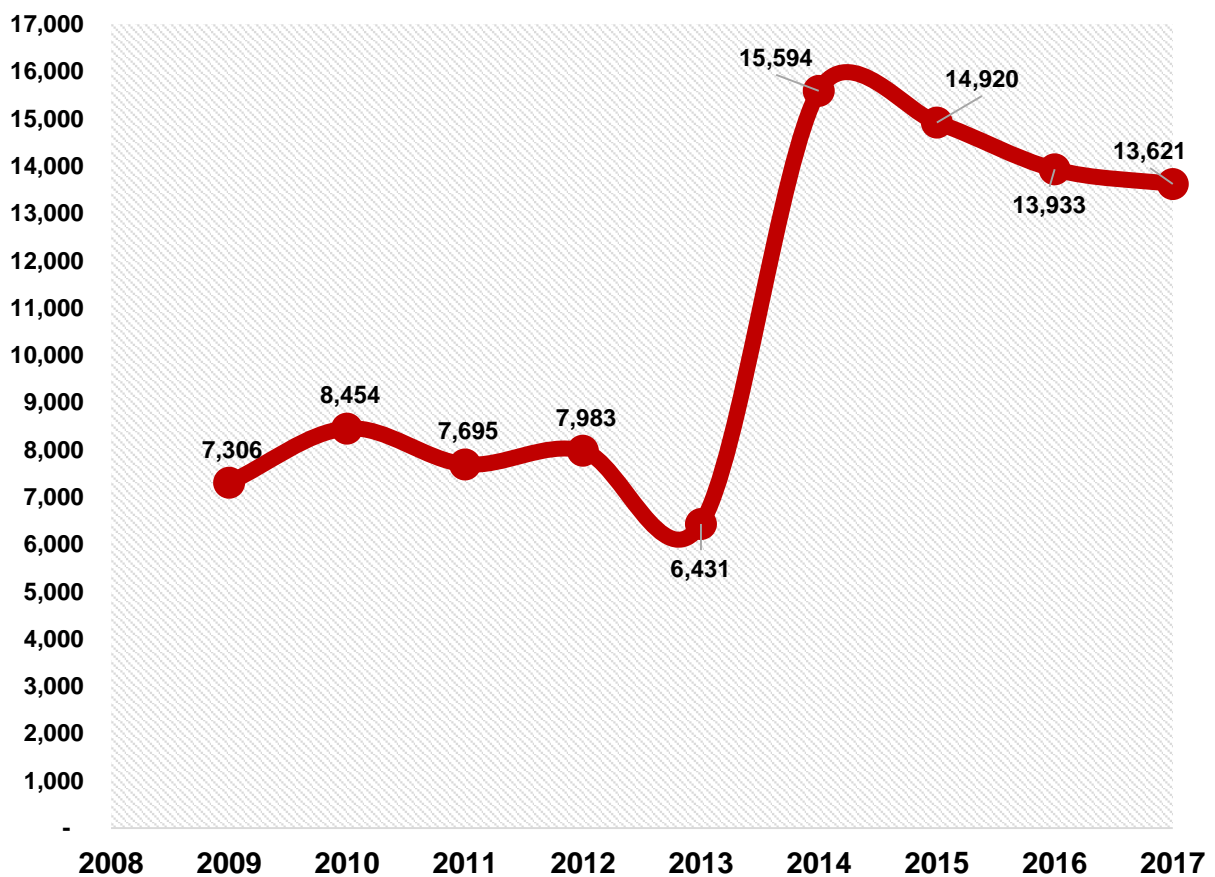
Source: Tertiary Education Institutions 2009-2017

Key Results

Chart B.1 shows that the number of graduates increased from 6,431in 2013 to 15,594 in 2014. The increase could have been necessitated by the Government' initiative to upgrade primary and junior secondary school teachers from level 5 (diploma) to level 6 (degree). As a result, there was an increase in graduates for Bachelor's degree programmes more especially in the fields of Education, Science and Humanities & Arts.

Table B. 1: Graduates by Institution and Qualification Level-2017

	Trade Test C	Trade Test B	Certi-ficate	Diploma	Degree	Master's Degree	Doctors Phil	Prof courses	Others	Total
Brigades	1,038	565	436							2,039
Colleges of |Education				545						545
Health Sciences				457						457
Private Institutions			156	1,081	1,326			50	15	2,628
Private Universities			110	923	739	18		8	101	1,899
Public Institutions			1,023	349	575	24		163	17	2,151
Public Universities			510	1,000	2,436	336	17			4,299
Technical Colleges			1,058	584						1,642
TOTAL	**1,038**	**565**	**3,293**	**4,939**	**5,076**	**378**	**17**	**221**	**133**	**15,660**

Source: Tertiary Education Institutions 2017

Table B. 2: Graduates by ISCED broad groups and Qualification Level

	Trade Test C	Trade Test B	Certi-ficate	Diploma	Degree	Master's Degree	Doctors Phil	Prof courses	Others	Total
Agriculture	113	43	7	51	166	9				389
Education			280	1,054	373	89	4			1,800
Engineering	925	522	666	580	479	26	2			3,200
Health & Welfare			50	987	453	30	1			1,521
Humanities & Arts			453	234	398	14	2		15	1,116
Science			231	194	525	96	7	69		1,122
Services			173	599	212	20	1		17	1,022
Social Sciences			1,433	1,240	2,470	94		152		5,389
Others									101	101
TOTAL	**1,038**	**565**	**3,293**	**4,939**	**5,076**	**378**	**17**	**221**	**133**	**15,660**

Source: Tertiary Education Institutions 2017

Table B. 3: Graduates by Institution, ISCED Broad Group and Qualification Level 2017

	ISCED BROAD GROUP	Trade Test C	Trade Test B	Certificate	Diploma	Degree	Masters Mphil	PHD	Prof Courses	Others	Total
Brigades	Agriculture	113	43	7							163
	Education										
	Engineering	925	522	140							1,587
	Health & Welfare										
	Science			105							105
	Services			23							23
	Social Sciences			161							161
	TOTAL	**1,038**	**565**	**436**							**2,039**
Colleges of Education	Education				545						545
Institute of Health Sciences	Health & Welfare				457						457
Private Institutions	Education			64							64
	Engineering			3	163						166
	Health & Welfare			14	362	202					578
	Humanities			5	25	153				15	198
	Science				1						1
	Services			7	384	48					439
	Social Sciences			63	146	923			50		1,182
	TOTAL			**156**	**1,081**	**1,326**			**50**	**15**	**2,628**

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Table B. 3 : Graduates by Institution, ISCED Broad Group and Qualification Level 2017 Cont'd……………

	ISCED BROAD GROUP	Trade Test C	Trade Test B	Certi-ficate	Diploma	Degree	Masters Mphil	PHD	Prof Courses	Others	Total
Private Universities	Agriculture										
	Education			17	16	25					58
	Engineering			46	115	110					271
	Health & Welfare				156	58					214
	Humanities				107	2					109
	Science				80	136	18				234
	Services			24	150	6					180
	Social Sciences			23	299	402			8		732
	Other									101	101
	TOTAL			**110**	**923**	**739**	**18**		**8**	**101**	**1,899**
Public Institutions	Agriculture										
	Education					31	19				50
	Engineering				15						15
	Health & Welfare				11	29					40
	Humanities			75	88						163
	Science				70	125			69		264
	Services			30	33	111				17	191
	Social Sciences			918	132	279	5		94		1,428
	Other										
	TOTAL			**1,023**	**349**	**575**	**24**		**163**	**17**	**2,151**

Table B. 3: Graduates by Institution, ISCED Broad Group and Qualification Level 2017 Cont'd……………

	ISCED BROAD GROUP	Trade Test C	Trade Test B	Certi-ficate	Diploma	Degree	Masters Mphil	PHD	Prof Courses	Others	Total
Public Universities	Agriculture				51	166	9				226
	Education			37	453	317	70	4			881
	Engineering				3	369	26	2			400
	Health & Welfare			36	1	164	30	1			232
	Humanities			358	14	243	14	2			631
	Science			6		264	78	7			355
	Services				13	47	20	1			81
	Social Sciences			73	465	866	89				1,493
	Other										
	TOTAL			**510**	**1,000**	**2,436**	**336**	**17**			**4,299**
Technical Colleges	Agriculture										
	Education			162	40						202
	Engineering			477	284						761
	Health & Welfare										
	Humanities			15							15
	Science			120	43						163
	Services			89	19						108
	Social Sciences			195	198						393
	Other										
	TOTAL			**1,058**	**584**						**1,642**
Grand TOTAL		**1,038**	**565**	**3,293**	**4,939**	**5,076**	**378**	**17**	**221**	**133**	**15,660**

Source: Tertiary Education Institutions 2017

Chart C. 1: Ministerial Recurrent Budget for 2017/2018 (Million Pula)
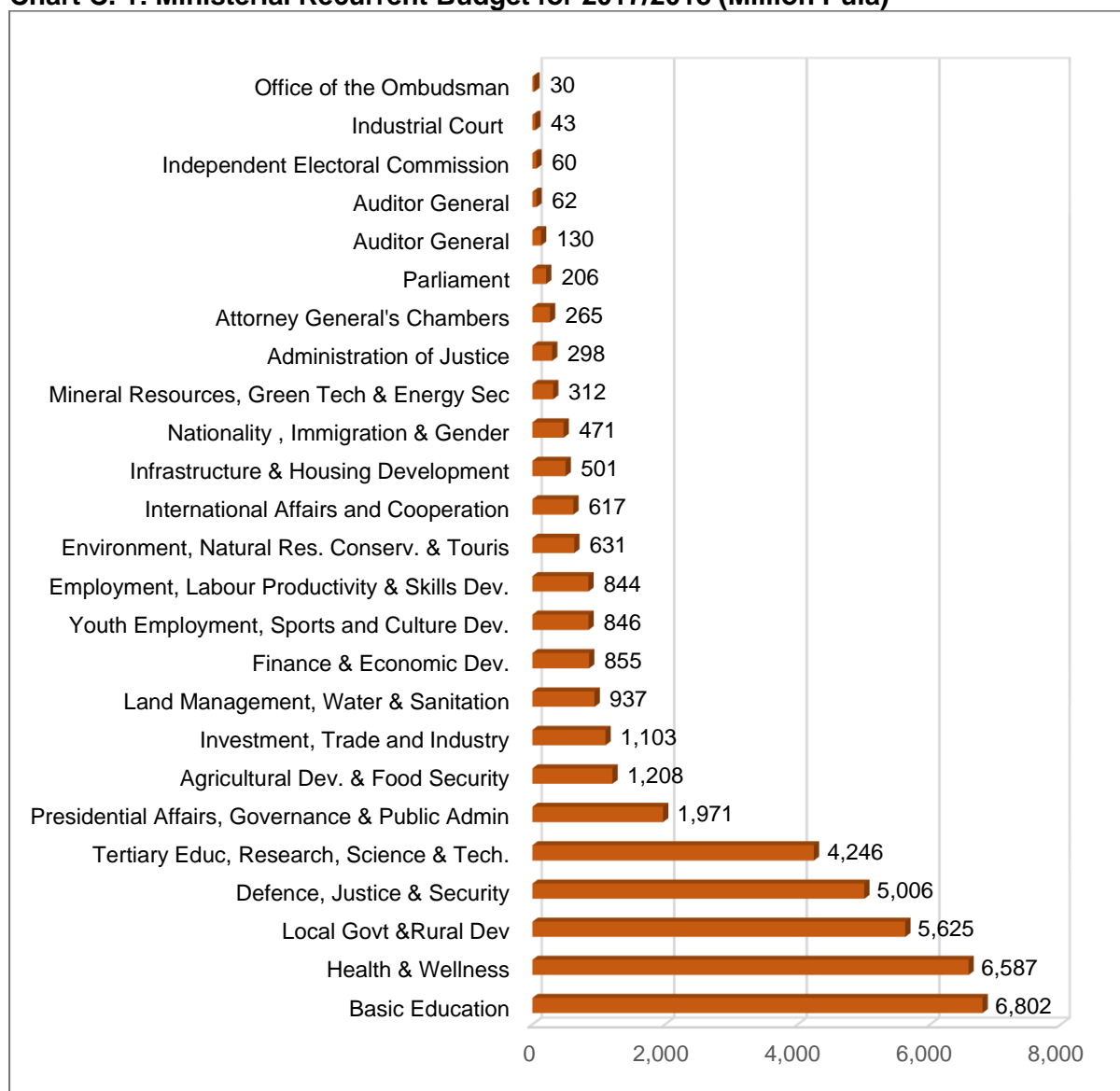
Data Source: MFDP (2017); The 2017/18 Budget in Brief

Chart C.1 presents Ministerial Recurrent Budget for financial year 2017/2018 in Million Pula. Ministry of Basic Education was allocated the highest budget at P 6,802 (million), followed by Ministry of Health and Wellness at of P6, 587 (million, Ministry of Local Government and Rural Development at P5, 625 (million) and Ministry of Defence, Justice and Security at P5, 006 (million). Ministry of Tertiary Education, Research, Science and Technology was allocated a budget of P4, 246 (million). This allocation mainly provides for tertiary education student's sponsorship and tertiary education public institution's subventions to University of Botswana and Botswana International University of Science and Technology, Budget Speech (2018). Other ministries had budget of less than 2,000 million pula each and Office of Ombudsman had the lowest budget of P30, 000,000.00.

Chart C. 2: Ministries' Percentage share of Recurrent Budget -2017/18

- Basic Education
- Health & Wellness
- Local Govt. & Rural Dev.
- Defence, Justice & Security
- Tertiary Educ, Research, Science & Tech.
- Presidential Affairs, Governance & Public Admin.
- Agricultural Dev. & Food Security
- Others
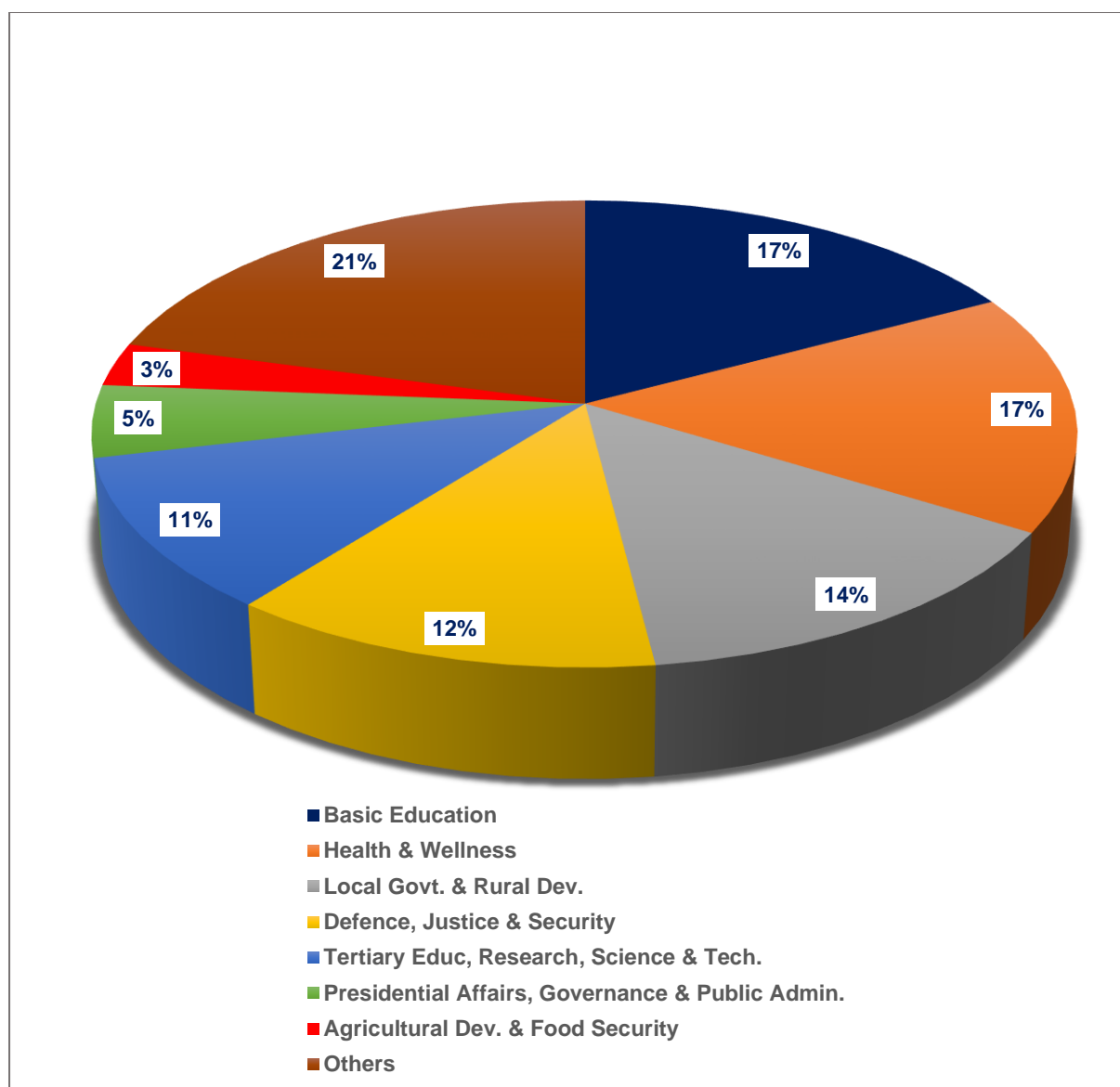
Data Source: MFDP (2017); The 2017/18 Budget in Brief

Chart C.2 presents percentage share of the 2017/18 budget allocation by Ministries. It indicates that the highest percentage share was allocated to Ministries of Basic Education and that of Health and Wellness with 17 percent each of the Recurrent Budget for 2017/18 followed by the Ministry of Local Government and Rural Development and Ministry of Defence, Justice and Security with 14.2 and 12.6 percentages, respectively. Ministries of Tertiary Education, Research, Science and Technology, Presidential Affairs, Governance and Public Administration and that of Agriculture and Food Security were 10.7, 5.0, and 3.0 percentages in that order. Other ministries were allocated 21 percent in total.

Chart C. 3: Number of Tertiary Education Students on Government Sponsorship by Financial Years - 2008/9 - 2016/17
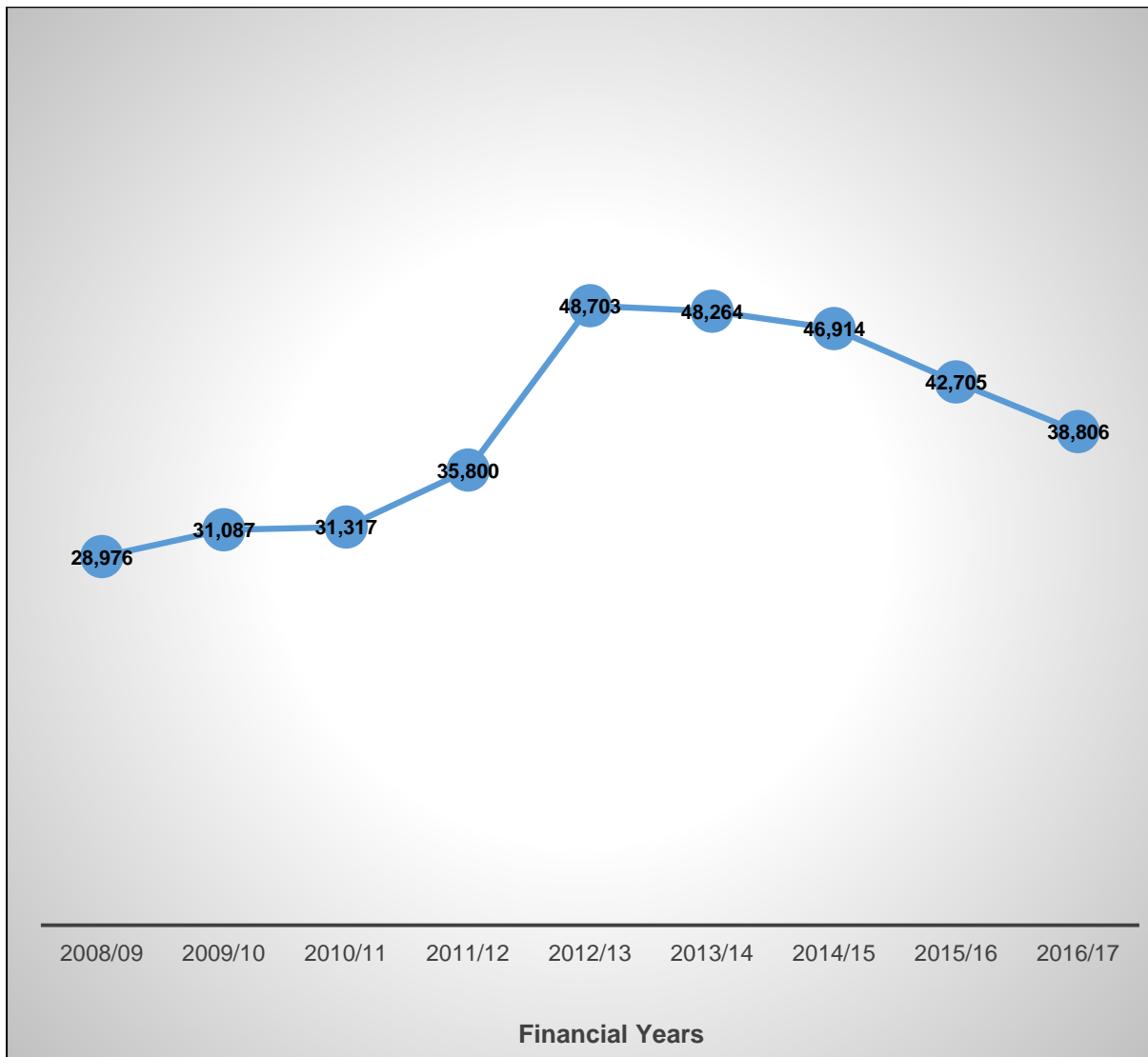
Data Source: Department of Tertiary Education Financing

Government of Botswana has, over the years, been committed to increasing access to tertiary education through provision of Government sponsorships. The number of tertiary education students sponsored by Government between 2008/09 and 2016/17 is presented in Chart C.3. The chart indicates that the number of tertiary education students on Government sponsorship increased from 28,976 in 2009/10 to 48,703 in 2012/13. This constituted a 68.1 percent increase over the five-year period. Thereafter, the number of tertiary education student on Government sponsorship decreased from 48,703 in 2012/13 continually until it reached 38,806 in 2016/17. Although there was a decline in the number of students on sponsorship from 2012/13 to 2016/17, it should, however, be noted that generally the decline never went below the 2008/09 count (28,876).

Annexure A1.1: ENROLMENTS IN BRIGADES

Table A1.1. 1 : Barolong Vocational Centre

Programme Name	2016/17			2016/18		
	Female	Male	Total	Female	Male	Total
Carpentry & Joinery Trade Test C	5	18	23	..	..	..
Crop Farming Trade Test C	36	27	63	45	21	66
Dressmaking Trade Test C	63	1	64	63	4	67
Livestock Farming Trade Test C	19	23	42	30	21	51
Crop Farming Trade Test B	16	5	21	9	8	17
Dressmaking Trade Test B	17	1	18	25	0	25
Livestock Farming Trade Test B	4	14	18	6	10	16
Certificate in Accounting and Business Studies	36	15	51	40	15	55
Certificate in Computer Studies	33	6	39	28	7	35
Dressmaking - NCC	35	2	37	31	4	35
Total	**264**	**112**	**376**	**277**	**90**	**367**

Table A1.1. 2: Bobonong Brigades Centre

Programme Name	2016/17			2016/18		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	6	19	25	8	22	30
Bricklaying and Plastering Trade Test C	8	41	49	10	49	59
Carpentry and Joinery Trade Test C	29	43	72	27	32	59
Dress Making Trade Test C	14		14	26	4	30
Auto Mechanics Trade Test B				3	9	12
Bricklaying and Plastering Trade Test B	1	9	10			
Carpentry and Joinery Trade Test B				2	10	12
Dress Making Trade Test B	12	1	13			
Certificate in Computer Studies	26	10	36	28	12	40
Grand Total	**96**	**123**	**219**	**104**	**138**	**242**

Table A1.1. 3: Bokamoso Trust

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Certificate in Integrated Early Childhood Development	77	8	85	73	9	82

Table A1.1. 4: Boteti Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Bricklaying and Plastering Trade Test C	8	15	23	14	24	38
Borehole Mechanics Trade Test C	1	15	16	5	16	21
Carpentry and Joinery Trade Test C	5	10	15	11	11	22
Bricklaying and Plastering Trade Test B	1	8	9			
Borehole Mechanics Trade Test B	7	12	19			
Carpentry and Joinery Trade Test B	5	6	11			
Certificate in Accounting & Business Studies				14	6	20
Borehole Mechanics-NCC				8	11	19
Total	**27**	**66**	**93**	**52**	**68**	**120**

Table A1.1. 5: Chobe Brigades Centre

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	3	30	33	8	29	37
Bricklaying & Plastering Trade Test C	7	23	30	6	24	30
Carpentry & Joinery Trade Test C	4	29	33	4	23	27
Auto Mechanics Trade Test B	2	12	14	2	14	16
Bricklaying & Plastering Trade Test B	3	3	6	6	6	12
Certificate in Computer Studies	9	8	17	12	2	14
Total	**28**	**105**	**133**	**38**	**98**	**136**

Table A1.1. 6: Ghanzi Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	5	15	20	4	14	18
Bricklaying and Plastering Trade Test C	1	17	18	4	16	20
Electrical Installation and Maintenance Trade Test C	5	14	19	4	15	19
Auto Mechanics Trade Test B	2	12	14			
Bricklaying and Plastering Trade Test B	2	11	13			
Electrical Installation and Maintenance Trade Test B	5	15	20			
Certificate in Accountancy and Business Studies	25	8	33	26	10	36
Certificate in Computer Studies	8	8	16	15	5	20
Total	53	100	153	53	60	113

Table A1.1. 7: Gweta Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	13	16	29	13	18	31
Bricklaying and Plastering Trade Test C	3	26	29	6	26	32
Carpentry and Joinery Trade Test C	11	15	26	14	15	29
Auto Mechanics Trade Test B	3	9	12	5	8	13
Bricklaying and Plastering Trade Test B	1	7	8			
Carpentry and Joinery Trade Test B	1	4	5	2	5	7
Total	32	77	109	40	72	112

Table A1.1. 8: Kang Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	6	19	25	8	22	30
Bricklaying and Plastering Trade Test C	8	41	49	10	49	59
Carpentry and Joinery Trade Test C	29	43	72	27	32	59
Dress Making Trade Test C	14		14	26	4	30
Auto Mechanics Trade Test B				3	9	12
Bricklaying and Plastering Trade Test B	1	9	10			
Carpentry and Joinery Trade Test B				2	10	12
Dress Making Trade Test B	12	1	13			
Certificate in Computer Studies	26	10	36	28	12	40
Grand Total	96	123	219	104	138	242

Table A1.1. 9: Kanye Brigades Centre

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	5	47	52	6	48	54
Electrical Installation and Maintenance Trade Test C	17	32	49	16	42	58
Auto Mechanics Trade Test B	4	10	14	1	15	16
Electrical Installation and Maintenance Trade Test B	7	25	32	8	19	27
Certificate in Agriculture	9	6	15			
Certificate in Construction Industry	5	17	22		8	8
Certificate in Electrical and Electronics	6	19	25			
Certificate in International Tourism	49	5	54	22	1	23
Certificate in Motor Vehicle Engineering	7	22	29		10	10
Certificate in Refrigeration and Air Conditioning	5	39	44	5	26	31
Total	114	222	336	58	169	227

Table A1.1. 10: Kgalagadi South Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Certificate in Accountancy and Business Studies	26	8	34	26	12	38
Certificate in Computer Studies	14	6	20	5	11	16
Grand Total	40	14	54	31	23	54

Table A1.1. 11: Kgatleng Development Centre

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Bricklaying and Plastering Trade Test C	7	24	31	8	21	29
Carpentry and Joinery Trade Test C	14	28	42	4	17	21
Dressmaking Trade Test C	29	4	33			
Electrical Installation and Maintenance Trade Test C	6	26	32	6	9	15
Forestry - Trade Test C	26	6	32			
Plumbing and Pipe Fitting-Trade Test C	19	13	32	5	12	17
Welding and Fabrication - Trade Test C	7	28	35	6	11	17
Bricklaying and Plastering - Trade Test B	3	8	11			
Electrical Installation and Maintenance Trade Test B	3	19	22			
Forestry - Trade Test B	2	4	6			
Plumbing and Pipe Fitting-Trade Test B	2	6	8			
Welding and Fabrication - Trade Test B	4	21	25			
Certificate in Computer Studies	16	11	27			
Total	**138**	**198**	**336**	**29**	**70**	**99**

Table A1.1. 12: Kweneng Bophirima Development Trust

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	4	30	34	3	27	30
Bricklaying and Plastering Trade Test C	10	25	35	12	25	37
Auto Mechanics Trade Test B	3	13	16	2	13	15
Bricklaying and Plastering Trade Test B	2	8	10	1	13	14
Grand Total	**19**	**76**	**95**	**18**	**78**	**96**

Table A1.1. 13: Kweneng Rural Development Association

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	4	25	29	9	11	20
Bricklaying and Plastering Trade Test C	9	22	31	8	12	20
Carpentry and Joinery Trade Test C	10	28	38	8	12	20
Panel Beating and Spray Painting Trade C	7	24	31			
Auto Mechanics Trade Test B	1	19	20			
Bricklaying and Plastering Trade Test B	3	14	17			
Carpentry and Joinery Trade Test B	3	4	7			
Panel Beating and Spray Painting Trade B	1	10	11			
Bricklaying and Plastering NCC		17	17	8	51	59
Grand Total	**38**	**163**	**201**	**33**	**86**	**119**

Table A1.1. 14: Lobatse Brigades Centre

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Bricklaying & Plastering Trade Test C	5	32	37	7	21	28
Carpentry & Joinery Trade Test C	19	34	53	17	53	70
Electrical Installation & Appliances Trade Test C	8	8	16			
Plumbing & Pipefitting Trade Test C	18	21	39	16	24	40
Welding & Fabrication Trade Test C	11	26	37	11	28	39
Bricklaying & Plastering Trade Test B		13	13	1	17	18
Carpentry & Joinery Trade Test B	7	17	24	3	14	17
Plumbing & Pipefitting Trade Test B	4	14	18	6	10	16
Welding & Fabrication Trade Test B		20	20	5	14	19
National Certificate In Secretarial Studies	39	8	47	35	9	44
Total	**111**	**180**	**304**	**101**	**190**	**291**

Table A1.1. 15: Mahalapye Development Trust

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Dress Making Test C	38	1	39	68	3	71
Dress Making Trade Test B	16		16	16		16
Certificate in Accountancy and Business Studies	16	4	20	28	10	38
Certificate in Secretarial Studies	18		18	34	3	37
Total	**32**	**77**	**93**	**146**	**16**	**162**

Table A1.1. 16: Madiba Brigades Centre

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Auto Mechanic Trade Test C	10	27	37	5	36	41
Bricklaying &Plastering Trade Test C	1	25	26	8	57	65
Carpentry & Joinery Trade Test C	9	30	39	7	30	37
Electrical Installation & Appliances Trade Test C	6	30	36	8	32	40
Plumbing &Pipe Fitting Trade Test C	11	21	32	17	22	39
Welding & fabrication Trade Test C	12	27	39	15	25	40
Auto Mechanic Trade Test B	1	14	15	5	5	10
Bricklaying &Plastering Trade Test B	2	14	16	1	15	16
Carpentry & Joinery Trade Test B	3	9	12	3	8	11
Electrical Installation & Appliances Trade Test B	3	19	22	6	13	19
Plumbing & Pipe Fitting Trade Test B	7	9	16	6	8	14
Welding & fabrication Trade Test B	7	20	27	9	12	21
Total	**72**	**245**	**317**	**90**	**263**	**353**

Table A1.1. 17: Marapong Development Trust

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Dress Making Trade Test C	41	3	44			
Dress Making Trade Test B	11		11			
Certificate in Accountancy and Business Studies	20	3	23	9	6	15
Certificate in Computer Studies				9	9	18
Certificate in Secretarial Studies	22	1	23	12	3	15
Total	**94**	**7**	**101**	**30**	**18**	**48**

Table A1.1. 18: Marobela Brigades Centre

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	9	20	29			
Cabinet Making Trade Test C				9	17	26
Carpentry and Joinery Trade Test C	19	23	42			
Dress Making Trade Test C				18	11	29
Auto Mechanics Trade Test B	5	13	18			
Carpentry and Joinery Trade Test B	3	12	15			
Certificate in Accountancy and Business Studies	26	6	32			
Certificate in Computer Studies	10	10	20			
Total	**72**	**84**	**156**	**27**	**28**	**55**

Table A1.1. 19: Matsheng Brigades Centre

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	10	25	35			
Bricklaying and Plastering Trade Test C	8	40	48	1	18	19
Auto Mechanics Trade Test B		15	15			
Bricklaying and Plastering Trade Test B	2	14	16			
Certificate in Computer Studies	9	8	17	15	3	18
Grand Total	29	102	131	16	21	37

Table A1.1. 20: Mosetse Brigades Centre

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	6	25	31	13	34	47
Bricklaying and Plastering Trade Test C	6	24	30	3	13	16
Carpentry and Joinery Trade Test C	5	20	25		11	11
Auto Mechanics Trade Test B	6	8	14		13	13
Bricklaying and Plastering Trade Test B	1	10	11	3	7	10
Carpentry and Joinery Trade Test B	4	7	11	3	12	15
Total	**28**	**94**	**122**	**22**	**90**	**112**

Table A1.1. 21: Moshupa Development Trust

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Bricklaying and Plastering Trade Test C	6	42	48	6	19	25
Dress Making Trade Test C	30	5	35	12	4	16
Bricklaying and Plastering Trade Test B	3	14	17			
Dress Making Trade Test B	10	3	13			
Certificate in Computer Studies	23	3	26	16	2	18
Total	**72**	**67**	**139**	**34**	**25**	**59**

Table A1.1. 22: Naledi Brigades Centre

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Bricklaying and Plastering Trade Test C	5	13	18			
Certificate in Human Resource Management	15	7	22			
Certificate in Accountancy and Business Studies	56	15	71	24	7	31
Certificate in Business Administration and Management	18	8	26			
Grand Total	**94**	**43**	**137**	**24**	**7**	**31**

Table A1.1. 23: Ngethu Brigades Centre

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Auto Mechanic Trade Test C	3	37	40		19	19
Welding and Fabrication Trade Test C	9	30	39	10	32	42
Auto Mechanic Trade Test B	1	11	12	2	16	18
Welding and Fabrication Trade Test B	4	17	21	5	14	19
Certificate in Accounting and Business Studies	27	6	33	33	6	39
Certificate in Computer Studies	23	15	38	23	15	38
Total	**116**	**67**	**183**	**73**	**102**	**175**

Table A1.1. 24: Nkange Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Bricklaying & Plastering Trade Test C	17	46	63	6	27	33
Bricklaying & Plastering Trade Test B	1	11	12			
Total	**18**	**57**	**75**	**6**	**27**	**33**

Table A1.1. 25: Nswazwi Brigades Centre

Programme Name	2016/17			2017/18		
	Female	Male	Total	Female	Male	Total
Bricklaying & Plastering Trade Test C	11	46	57	19	44	63
Carpentry & Joinery Trade Test C	17	36	53	15	43	58
Painting & Decorating Trade Test C	43	15	58	46	17	63
Bricklaying & Plastering Trade Test B		11	11		9	9
Carpentry & Joinery Trade Test B	3	13	16	2	8	10
Architectural Draughting - NCC	20	22	42	19	26	45
Total	**94**	**143**	**237**	**101**	**147**	**248**

Table A1.1. 26: Okavango Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	4	28	32	3	16	19
Bricklaying & Plastering Trade Test C	2	27	29	2	17	19
Carpentry & Joinery Trade Test C	9	30	39	7	11	18
Auto Mechanics Trade Test B	1	8	9			
Certificate in Computer Studies	9	9	18			
Total	**25**	**102**	**127**	**12**	**44**	**56**

Table A1.1. 27: Pudologong Development Trust

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Certificate in Business Administration (NQF Level 3)	1	2	3		1	1
Certificate in Business Skills	9	5	14	8	12	20
Certificate in Crop Farming		5	5		2	2
Total	**10**	**12**	**22**	**8**	**15**	**23**

Table A1.1. 28: Ramatea Vocational Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Certificate in Business Management	5	2	7			
Certificate in Early Childhood Education	76	3	79	104	4	108
Certificate in Health & Safety Management	12	11	23	7	6	13
Certificate in Refrigeration & Air conditioning	4	27	31	5	31	36
Total	**97**	**43**	**140**	**116**	**41**	**157**

Table A1.1. 29: Senyawe Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Bricklaying and Plastering Trade Test C	8	39	47	1	25	26
Bricklaying and Plastering Trade Test B	3	11	14	1	9	10
Certificate in Accountancy and Business Studies	29	7	36	32	7	39
National Certificate in Secretarial Studies	31	3	34	29	5	34
Total	**71**	**60**	**131**	**63**	**46**	**109**

Table A1.1. 30: Serowe Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	21	45	66	8	23	31
Bricklaying and Plastering Trade Test C	7	24	31			
Carpentry and Joinery Trade Test C	9	18	27			
Forestry Trade Test C	16	11	27	16	13	29
Livestock Farming Trade Test C	15	13	28	16	15	31
Machine Fitting Trade Test C				13	19	32
Welding and Fabrication Trade Test C	6	31	37	10	26	36
Auto Mechanics Trade Test B	5	11	16	4	12	16
Forestry Trade Test B	7	5	12	6	1	7
Livestock Farming Trade Test B	6	6	12	12	3	15
Machine Fitting Trade Test B		9	9	7	11	18
Welding and Fabrication Trade Test B	3	19	22	2	16	18
Certificate in Accountancy and Business Studies	14	1	15			
Auto Mechanics - NCC	4	15	19	4	23	27
Welding and Fabrication - NCC	4	24	28	4	26	30
Total	117	232	349	102	188	290

Table A1.1. 31: Shashe Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Bricklaying and Plastering Trade Test C	10	30	40	10	83	93
Carpentry and Joinery Trade Test C	11	37	48	11	67	78
Welding and Fabrication Trade Test C	4	24	28	4	55	59
Bricklaying & Plastering Trade Test B	4	9	13	4	9	13
Carpentry & Joinery Trade Test B	3	9	12	3	9	12
Welding and Fabrication Trade Test B	5	25	30	5	25	30
Total	37	134	171	37	248	285

Table A1.1. 32: Shoshong Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Bricklaying & Plastering Trade Test C	9	30	39	2	13	15
Crop Farming Trade Test C	45	16	61	51	29	80
Bricklaying & Plastering Trade Test B		8	8	3	4	7
Crop Farming Trade Test B	11	4	15	16	5	21
Total	65	58	123	72	51	123

Table A1.1. 33: Tlokweng Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Carpentry and Joinery Trade Test C	3	35	38	23	47	70
Dress Making Trade Test C	38	1	39	56	12	68
Carpentry and Joinery Trade Test B	1	10	11			
Dress Making Trade Test B	19	2	21	14	1	15
Certificate in Computer Studies	13	9	22	38	21	59
Certificate in Secretarial Studies	39	4	43			
Total	113	61	174	131	81	212

Table A1.1. 34: Tshwaragano Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Crop Farming Trade Test C	25	13	38	38	11	49
Dressmaking Trade Test C	48	4	52			
Crop Farming Trade Test B	8	5	13			
Dressmaking Trade Test B	17	1	18			
Certificate in Accounting and Business Studies	41	18	59	40	19	59
Certificate in Secretarial Studies	36	2	38	46	9	55
Total	**175**	**43**	**218**	**124**	**39**	**163**

Table A1.1. 35: Tswapong Bokone Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Bricklaying and Plastering Trade Test C	19	35	54	20	35	55
Carpentry and Joinery Trade Test C	22	31	53	5	18	23
Furniture & Cabinet Making Trade Test C				13	17	30
Bricklaying and Plastering Trade Test B	2	13	15	5	14	19
Carpentry and Joinery Trade Test B	2	11	13	5	8	13
Certificate in Computer Studies	26	10	36	27	12	39
National Certificate in Secretarial Studies	37		37	34	2	36
Total	**108**	**100**	**208**	**109**	**106**	**215**

Table A1.1. 36: Tswelelopele Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	10	19	29	6	9	15
Bricklaying and Plastering Trade Test C	14	17	31	6	10	16
Carpentry and Joinery Trade Test C	6	19	25	9	7	16
Auto Mechanics Trade Test B	4	15	19			
Bricklaying and Plastering Trade Test B	2	11	13			
Bricklaying and Plastering Trade Test B	2	11	13			
Architectural Draughting NCC	5	36	41	6	12	18
Auto Mechanics NCC	1	30	31	12	35	47
Bricklaying and Plastering NCC	6	33	39	9	26	35
Carpentry and Joinery Trade Test NCC				9	37	46
Total	**50**	**191**	**241**	**57**	**136**	**193**

Table A1.1. 37: Tutume Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	5	12	17			
Bricklaying & Plastering Trade Test C	8	46	54	3	24	27
Carpentry & Joinery Trade Test C	22	33	55	11	19	30
Auto Mechanics Trade Test B	1	13	14	5	12	17
Bricklaying & Plastering Trade Test B				1	12	13
Carpentry & Joinery Trade Test B	2	14	16	4	9	13
Certificate in Accountancy & Business Studies	26	9	35	53	11	64
Total	**64**	**127**	**191**	**77**	**87**	**164**

Table A1.1. 38: Zwenshambe Brigades Centre

Programme Name	2016/17			2016/17		
	Female	Male	Total	Female	Male	Total
Auto Mechanics Trade Test C	8	23	31	8	29	37
Bricklaying & Plastering Trade Test C	8	45	53	6	46	52
Carpentry & Joinery Trade Test C	16	37	53	18	39	57
Auto Mechanics Trade Test B	4	8	12	3	13	16
Bricklaying & Plastering Trade Test B	1	14	15	4	11	15
Carpentry & Joinery Trade Test B				3	7	10
Certificate in Accounting & Business Studies	17	3	20	15	2	17
National Certificate in Secretarial Studies	32	6	38	19	2	21
Total	**86**	**136**	**222**	**76**	**149**	**225**

Annexure A1.2: ENROLMENTS IN PRIVATE INSTITUTIONS

Table A1.2. 1: ABM University College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
AAT					8
Chartered Institute of Management Accountants					8
Chartered Institute of Purchasing & Supply	28				
Advanced Certificate CIPS	10				
Certificate in Accounting & Finance	1				
Certificate in Business management	5				
Certificate in Computer Engineering	8				
Certificate in Early Childhood					18
Certificate in Electrical & Electronic Engineering	4				60
Certificate in Entrepreneurship Development				54	
Certificate in Financial Management		1		1	
Certificate in Human Resource Management	12	6			
Certificate in Marketing Management	4				
Certificate in Purchasing & Supply		9	5		
Certificate in Procurement & Supply	16		5	12	19
Certificate in Secretarial Studies	11	18			1
Certificate in Tourism and Hospitality					4
Diploma in Accounting & Finance	4				
Diploma in Business Information Systems	3				
Diploma in Business Management	16	2			
Diploma in Electrical & Electronic Engineering	12		1	247	178
Diploma in Entrepreneurship Development				142	
Diploma in Financial Management	2	2	1		1

Table A1.2. 2: ABM University College Cont'd……………………

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Diploma in Human Resource Management	56	30			4
Diploma in Procurement & Supply	16	7			6
Diploma in Purchasing & Supply Management	3		4		
Diploma in Secretarial studies	55	22	27	11	26
Diploma in Tourism & Hospitality Management	5			150	3
Advanced Diploma In Accounting & Finance	10				
Advanced Diploma In Business Administration (ABE)	140	40			
Advanced Diploma In Business Information System (Abe)	100	30	5		
Advanced Diploma In CIPS	58		1		
Advanced Diploma In Computer Engineering	22	16	6	2	
Advanced Diploma In Electrical & Electronics Engineering	205	124	93	81	1
Advanced Diploma In Financial Management (Abe)	78		1		
Advanced Diploma In Human Resource Management	186	38	2		7
Advanced Diploma In Marketing	39				
Advanced Diploma In Procurement & Supply		64	57	35	8
Advanced Diploma In Purchasing & Supply Management (ICM)	7				
Advanced Diploma In Secretarial Studies	84	50	5	2	
Advanced Diploma In Tourism Management	52				
Advanced Diploma In Travel, Tourism & Hospitality (Abe)	2	1			
Professional Diploma in Procurement and Supply					15
Bachelor of Arts (Hons) Business Management	449	275	192	81	3
Bachelor of Arts (Hons) Human Resource Management	529	398	173	21	5
Bachelor of Arts (Hons) Marketing	137		153		
Bachelor of Arts (Hons) Marketing Management	446	258	6	61	9

Table A1.2. 3: ABM University College Cont'd………………………

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Arts (Hons) Tourism Management	238	180	131		
Bachelor of Arts (Hons) Tourism & Hospitality Management			36	83	97
Bachelor of Science (Hons) Accounting& Finance	341	222	157	77	14
Bachelor of Science (Hons) Business Information Systems	4				2
Bachelor of Science (Hons) Financial Management	3		8	50	66
Bachelor of Science (Hons) Marketing Management					27
Bachelor of Science (Hons) Tourism Management					2
TOTAL	3,385	1,793	1,069	1,110	592

Table A1.2. 4: AFDA College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Higher Certificate In Film, Television & Entertainment Production			25		
Bachelor of Arts (Live Performance)			31	40	50
Bachelor of Arts(Motion Picture)			55	82	95
Honours In Live Performance			51		
Honours In Motion Picture			4		
TOTAL			166	122	145

Table A1.2. 5: Assembly Bible College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Diploma in Biblical Theology & Ministry	29	33	37	37	20
Advanced Diploma in Biblical Theology & Ministry				11	30
TOTAL	29	33	37	48	50

Table A1.2. 6: Author Portland College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Association of Accounting Technicians (AAT)			20	40	59
Association of Chartered Certified Accountants (ACCA)			118	45	73
Botswana Institute of Chartered Accountants (BICA)			15	19	
Chartered Financial Analyst			18	8	
Chartered Institute of Management Accountants (CIMA)			107	78	71
TOTAL			**278**	**190**	**203**

Table A1.2. 7: Bosa Bosele Training Institute

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in Early Childhood Education		62	64	21	133
Certificate in HIV/AIDS care & Counselling		5	3		8
Certificate in Journalism and Media Studies		20	22	8	10
Certificate in Security, Risk and loss Control					3
Certificate in Social Work		91	56	26	36
Certificate of Proficiency in Insurance			4		3
Diploma in Social Work		114	168	115	34
Advanced Diploma in Early Childhood Education					11
Bachelor of Arts in Community Development					11
Bachelor of Education in Early Childhood Education					16
TOTAL		**292**	**317**	**170**	**265**

Table A1.2. 8: Ba Isago University

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in Business Management	54	30	21	18	30
Certificate in Court Administration	5	18		2	10
Certificate in Entrepreneurship					5
Certificate in Human Resource Management					4
Certificate in Law	26	23		5	13
Certificate In Real Estate	73	53	64	130	58
Certificate In Vocational Education & Training	10	21		137	13
Certified Accounting Technician (Diploma)	178	22	24	8	25
Diploma In Accounting	184	207	119	30	11
Diploma In Court Administration	127	162	130	61	6
Diploma In Entrepreneurship	21	33	20	9	1
Diploma In Insurance	17	21	16	74	65
Diploma In Law	46	94	63	15	15
Diploma in Marketing	118	78	100	19	2
Diploma in Marketing Management		36			
Diploma in Occupational Health and Safety			124	191	224
Diploma In Real Estate	299	283	203	117	72
Diploma In Transport Management & Logistics	174	226	120	231	147
National diploma in Safety Management	56	19	6	3	
National Diploma in Security Risk	2				
National Professional Diploma in Education	72	68	84	37	8
Post Graduate Diploma Educational Leadership & Management	4				
Postgraduate Diploma in Education	1	5			
Bachelor of Accounting (Management Accounting)	4				

Table A1.2. 9: Ba Isago University Cont'd…………………

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Accounting Sciences (Financial Accounting)	14	10	3	4	
Bachelor of Arts (Community Health & Psychology)				2	
Bachelor of Arts (General)	5			1	
Bachelor of Arts (Health Science & Social Services)			2		
Bachelor of Arts (Health Services Management, Edu Com health)			1		
Bachelor of Arts (Law & Public Admin)				5	30
Bachelor of Arts (Political Leadership & Citizenship)				1	
Bachelor of Commerce (Accounting)	96	95	105	145	91
Bachelor of Commerce (Banking & Finance)	320	369	413	463	235
Bachelor of Commerce (Economics)	1		44	104	137
Bachelor of Commerce (Entrepreneurship)	50	41	40	68	85
Bachelor of Commerce (Financial Management)	85	38	32	3	
Bachelor of Commerce (General)			1	1	
Bachelor of Commerce (Human Resource Management)	98	67	51	34	9
Bachelor of Commerce (Industrial &Organizational Psychology)	12	11	6	2	
Bachelor of Commerce (Logistics Management)	15	3	2		
Bachelor of Commerce (Management & Accounting)	26	11	6	3	
Bachelor of Commerce (Marketing Management)	69	49	36	8	34
Bachelor of Commerce (Real Estate)	136	235	351	402	313
Bachelor of Commerce (Risk Management & Insurance)	84	120	141	177	
Bachelor of Commerce (Risk Management)	285	281	261	279	84
Bachelor of Commerce (Strategic Supply Management	18	8	2	1	
Bachelor of Commerce (Transport Management & Logistics)	22	21	9	39	69
Bachelor of Communication (Science)	1				

Table A1.2. 10: Ba Isago University Cont'd…………………

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Computing (Financial Accounting)			2		
Bachelor of Computing (Management Accounting)			1		
Bachelor of Education (Early Child Development)	75	122		185	203
Bachelor of Education (Foundation Phase)				1	
Bachelor of Education (General)	1	7	3	4	4
Bachelor of Education (International & Senior Phase)			1		
Bachelor of Education (Social Studies)	17	17		1	
Bachelor of Law	3		2	2	
Bachelor of Science (Agriculture)			1		
Bachelor of Science (Quantity Surveying)		37	91	141	174
Bachelor of Technology (Breech) (Safety Management)	4	2	3		
Botswana Institute of Chartered Accountants (BICA)	49			4	
Bachelor of Commerce (HONS) Risk Management & Insurance					174
GRAND TOTAL	**2,955**	**2,943**	**2,708**	**3,167**	**2,352**

Table A1.2. 11: Boitekanelo College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate In Counselling					
Certificate In Dental Surgery Assisting					30
Certificate In Emergency Medical Care					43
Certificate In Health Care Assistance					44
Certificate in Health Education Assistance					11
Certificate In Occupational Health And Safety					16
Certificate in Phlebotomy					7
Certificate in Plaster Technology					8
Diploma In Counselling	281	220	65	24	2
Diploma In Emergency Care Technology	350	303	158	65	145
Diploma In Health Care Management	279	247	152	36	102
Diploma In Health Education & Promotion	271	189	106	24	166
Diploma in Occupational Health and Safety	447	419	199	171	146
Higher Diploma In Pharmacy	43	116	182	202	139
National Diploma In Clinical Technology		11	55	81	95
Bachelor of Arts Counselling				230	225
Bachelor of Arts Health Care Service Management	34	99	283	272	264
Bachelor of Science Health Promotion & Education	37	93	172	273	260
Bachelor of Science In Emergency Medical Care		44	170	137	28
Bachelor of Science In Occupational Health Safety	51	124	336	424	390
Bachelor of Science In Nutrition & Dietetics		16	113	139	134
TOTAL	**1,861**	**1,972**	**2,107**	**2,078**	**2,255**

Table A1.2. 12: Botho University

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in Childcare					6
Certificate in Computer Hardware Maintenance & Networking					2
Certificate in Database Administration					3
Certificate in Electrical Installation and Maintenance					6
Certificate in New Venture Creations				24	
Certificate in Network Administration				3	
Certificate in Computing		40	1		
Certificate NIIT Programmes		11			
Post Graduate Certificate In Higher Education	58	112	3	1	
Diploma in Accounting		1	2	1	
Diploma in Business Management		1	5	2	1
Diploma in Computing		47	8	8	4
Diploma In Finance			1	1	
Diploma (Hons) in Business Management			1	1	1
Professional Diploma (Hons) in Computing	145	18	204	93	3
Prof Diploma (Hons) in Health Information Management		5	1	2	1
Prof Diploma (Hons) in Jewellery Management & Design			42	41	37
Professional Diploma Network Security & Computer Forensic			7	6	1
Post Graduate Diploma in Higher Education			29	7	31
Bachelor of Education (Honours) Primary Education			3	6	9
Bachelor of Engineering (Computer Engineering)			36	99	102
Bachelor of Engineering (Electrical Engineering)			80	182	159
Bachelor of Science (Hons) in Accounting	328	937	428	715	685
Bachelor of Science Business Management	207	56	179	309	352

Table A1.2. 13: Botho University Cont'd………………………..

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Science (Hons) Computing Software Specialization		65			
Bachelor of Science (Hons) In Computing	502	32	268	38	
Bachelor of Science (Hons) in Computing	3,030	1,999	1,784	1,185	543
Bachelor of Science (Hons) in Computing & Its Practice	445	498			
Bachelor of Science (Honours) in Finance			73	159	200
Bachelor of Science (Hons) in Health Information Management	204	694	556	863	951
Bachelor of Science (Hons) in Hospitality Management			64	142	174
Bachelor of Science (Hons) in Jewellery Management & Design			22	63	61
Bachelor of Science (Hons) in Mobile Computing	19	39	46	92	99
Bachelor of Science (Hons) in Multimedia Systems			47	65	80
Bachelor of Science (Hons) in Network Security &Forensics	64	497	321	431	398
Bachelor of Science (Hons) in Sports Management			33	33	31
Master of Education in Higher Education			26	146	112
Master of Science in Computing (Teesside University)	4	9	4	4	3
Master of Science in Computer Systems Management			9	28	43
Master of Science in Mobile Technologies				8	6
(AAT) Association of Accounting Technician	1,022	689	239	227	145
(ACCA) Association of Chartered Certified Accountants	34	7	68	78	71
BICA	19	43	14	34	18
Chartered Institute of Managements Accountants (CIMA)	39	128	67	74	79
Faculty of Computing Exchange Programme			5	5	5
Professional Development Programmes - Attendance			83	119	
Professional Qualification in International Public Financial Management				5	8
TOTAL	**6,120**	**5,928**	**4,759**	**5,300**	**4,430**

Table A1.2. 14: Botswana Institute of Bankers

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in banking					79
Associate Diploma in banking			128	101	33
TOTAL			**128**	**101**	**112**

Table A1.2. 15: DDT College of Medicine

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Doctor Assistance			27	64	89
Bachelor of Medical Laboratory Science			27	96	128
Bachelor of Pharmacy			26	82	115
Bachelor of Physiotherapy			24	54	83
TOTAL			**104**	**296**	**415**

Table A1.2. 16: Flying Mission Services

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Diploma in Aircraft Maintenance & Engineering	25	25	28	14	20
Total	25	25	28	14	20

Table A1.2. 17: Gaborone Academy of Education

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in Business Studies		3			
Certificate in Information systems		1			
Certificate in Human Resource Management		2			
Certificate in Marketing, Advertising & Public Relations			2	4	
Advanced Certificate in Business Skills			1		
International Certificate in Computer Studies			1		
Diploma in Business Skills	5	2			
Diploma in Business Studies	1				
Diploma in Human Resource Management	2				
Diploma in Marketing Advertising & Public Relations	9	9			
Association of Accounting Technicians (AAT)	23	44	30	24	39
TOTAL	**40**	**61**	**34**	**28**	**39**

Table A1.2. 18: Gaborone Institute of Professional Studies

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate In Information Technology	149				
Certificate In Tourism	76				
Association of Accounting Technicians (AAT)	431	250	89	10	42
Diploma In Accounting		86			
Diploma In Business Management	366	14			5
Diploma In Business Skills	13				
Diploma In Computing		293	94	1	21
Diploma In Entrepreneurship	37	123	54		
Diploma In Human Resource Management	406	5	4		
Diploma In Information Technology	88				
Diploma In Sales And Marketing		4			
Graduate Diploma In Sales And Marketing	11				
Professional Diploma In Sales Marketing	34				
Advanced Diploma Business Skills	160	59	20	8	5
Advanced Diploma Business Studies		6			
Advanced Diploma in Diesel Plant Engineering				14	51
Advanced Diploma in Automotive Electrical				5	26
Advanced Diploma In Business Management	130	11	8		
Advanced Diploma In Human Resource Management	110	57	19	3	5
Advanced Diploma in Motor Vehicle Repair & Refinishing				14	7
Advanced Diploma Information Technology	414				
Advanced Diploma International Tourism	14	86	2		
Advanced Diploma Travel &Tourism	47	23			
Higher Diploma In Sales & Marketing	9				

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Association of Chartered Certified Accountants (ACCA)	18	25	28	11	22
Bachelor of Arts (Hons) Business Management	20		12		
Bachelor of Arts (Hons) Business Studies		6			3
Bachelor of Business Admin (Accounting & Finance)	357	367		383	181
Bachelor of Business Admin (Marketing)	156	240	286	240	47
Bachelor of Business Administration Business Management	242	210		247	
Bachelor of Business Administration Human Resource Management		23			
Bachelor of Business Administration Strategic Management		286	332	287	332
Bachelor of Business Administration Travel &Tourism Management	800			865	484
Bachelor of Commerce Banking & Finance			39	66	115
Bachelor of Commerce Entrepreneurship			14	52	51
Bachelor of Commerce in Logistics and Supply Chain Management					21
Bachelor of Commerce in Purchasing & Supply Management					31
Bachelor of Science Business Information System			3		
Bachelor of Science Computer Science		62	51	58	39
Bachelor of Science Forensic Accounting & Finance			19		26
Bachelor of Science Information Technology	35				
Bachelor of Science(Hons) Business Information Technology	168			26	
TOTAL	**3,287**	**3,186**	**2,451**	**2,290**	**1,514**

Table A1.2. 20: Gaborone Universal College of Law

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in Law					1
Diploma in Agriculture					1
Diploma in Child Law					1
Diploma in Company Law					1
Diploma in Early Childhood Education		144	42	94	127
Diploma in Electronics					1
Diploma in Environmental Law and Occupational Health and Safety				358	
Diploma in Events Management				205	6
Diploma in Labour Law				5	3
Diploma in Law	690	415	298	153	115
Diploma in Motor Vehicle Engineering					1
Diploma in Occupational Health and Safety				2	
Diploma in Public Health				18	19
Diploma in Procurement and Supply					12
Diploma in Security Management				240	
Diploma in Transport Planning & Management				234	15
Diploma in Court Administration		16	22	20	6
Advanced Diploma in Criminology		8		9	6
Advanced Diploma in Early Childhood Education				9	
Advanced Diploma in Occupational health & Safety Environment law		252	197	116	73
Advanced Diploma in Purchasing and Supply Management		55	52	17	7
Advanced Diploma in Procurement and Supply					1
Advanced Diploma in Security Management and Legal Studies		37	21	23	16
Bachelor of Arts (Public Health)			75	190	313

Table A1.2. 21: Gaborone Universal College of Law Cont'd………………………..

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Business Administration (Security management)			27	25	23
Bachelor of Business Administration (Occupational Health & Safety)			135	262	360
Bachelor of Commerce in Accountancy					1
Bachelor of Commerce in Purchasing & Supply management			24	56	91
Bachelor of Commerce in Travel & Tourism			3	12	23
Bachelor of Education (Early childhood Education)			36	93	137
Bachelor of Technology In Construction Engineering				48	42
Bachelor of Business Administration (Entrepreneurship)				12	10
TOTAL			**300**	**698**	**1,000**

Table A1.2. 22: Imperial School of Business

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate Business Management	54				1
Certificate in Advertising				63	
Certificate in entrepreneurship					3
Certificate in Health & Safety				77	2
Certificate in Human Resource Management	76				
Certificate in Logistics & Transport				77	2
Certificate in Marketing & Public Relations					2
Certificate In Marketing Management	115				
Certificate In Procurement Supply Operations		4	4		
CERTIFICATE IN PROJECT MANAGEMENT					3
Certificate in Retail Management				62	
CERTIFICATE IN RISK Management					1
CERTIFICATE IN SOCIAL WORK					3
Certificate in Travel, Tourism & Hospitality Management	77			76	4
Certificate of Profiency					3
International Computer Driving License (ICDL)		8	8		
Association of Accounting Technicians (AAT)	287	191	193	59	17
Diploma In Business Management			11		
Diploma In Business Studies	61		25		
Diploma In Human Resource Management			1		
Diploma In Marketing Management		56			
Diploma In Travel, Tourism & Hospitality Management			14		
Advanced Diploma In Advertising, PR & Marketing Management	69	28	28		
Advanced Diploma In Business Management	14	61	37	12	2

Table A1.2. 23: Imperial School of Business Cont'd…………………………

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Advanced Diploma in Business Skills		25			
Advanced Diploma In Human Resource Management	23	51	43	15	2
Advanced Diploma In Marketing Management			56		
Advanced Diploma In Travel, Tourism & Hospitality Management	6	64	44	13	4
Association of Chartered Certified Accountants (ACCA)				23	22
Bachelor of Business Admin In Finance & Banking			40	94	109
Bachelor of Business Admin In Travel Tourism & Hospitality			11	40	49
Bachelor of Business Administration in Business Management					2
Bachelor of Business Administration In Entrepreneurship			7	19	
Bachelor of Business Administration in Entrepreneurship					30
Bachelor of Business Administration in marketing and Public Relations					1
Degree In Entrepreneurial Management		17			
Chartered Institute Of Management Accountants (CIMA)		2	10	8	9
Unclassified	41				
TOTAL	**823**	**507**	**532**	**638**	**271**

Table A1.2. 24: Kgolagano College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in Human Development			1	1	
Certificate in Theology			2	4	3
Diploma in Theology	90	44	70	39	24
Bachelor of Theology		59	59	52	32
TOTAL		**103**	**132**	**96**	**59**

Table A1.2. 25: Limkokwing University

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in Architecture Technology				134	
Certificate in Broadcasting Radio & Television				159	31
Certificate in Digital Video				161	
Certificate in Event Management				182	
Certificate in Fashion & Textiles				137	
Certificate in Graphic Design				132	
Certificate In Hospitality Management				176	
Certificate in Interior Design				123	
Certificate In Merchandising & Retailing				126	
Certificate in Music Design				120	
Certificate in performing Arts				100	
Certificate In Product Design				129	
Certificate in retail & Marketing Management				190	
Certificate in Tourism Management				204	
Diploma in Architectural Technology					109
Diploma in Broadcasting (BRTV)					155
Diploma in Digital Video					145
Diploma in Events Management					168
Diploma in Fashion and Textile Design					127
Diploma in Graphic Design					106
Diploma in Hospitality Management					172
Diploma in Interior Design					93
Diploma in Merchandising & Retailing					121
Diploma in Music Design					111

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Diploma in Product Design					119
Diploma in Retail & Marketing Management					177
Diploma in Tourism Management					191
Associate Degree in Advertising	107	108	65	42	5
Associate Degree in Architectural Technology	275	268	186	130	150
Associate Degree in Broadcasting (Radio & Television)	252	252	175	136	31
Associate Degree in Business Information System	216	217	129	92	15
Associate Degree in Business Information Technology	5	5	5		
Associate Degree in Business Management	248	247	124	27	16
Associate Degree in Creative Multimedia	177	177	147	77	5
Associate Degree in Digital Photography	4	24	13	4	
Associate Degree in Digital Video	44	44	19	1	1
Associate Degree in Event Management	34	33	27	18	1
Associate Degree in Fashion & Apparel Design	93	92	90	57	57
Associate Degree in Fine Art	92		83	52	15
Associate Degree in Furniture Design	19	19	12		
Associate Degree in Graphic Design	103	102	60	26	5
Associate Degree in Hotel Management	40	40	28	5	1
Associate Degree in Information Technology	26	25	11	1	3
Associate Degree in Interior Design	77	76	58	39	6
Associate Degree in International Tourism	1	1		1	
Associate Degree in Journalism & Media	286	283	163	74	9
Associate Degree in Marketing	130	129	52	6	8
Associate Degree in Merchandising & Retailing	79	79	58	49	13
Associate Degree in Mobile Computing	4	4	4	1	

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Associate Degree in Packaging Design and Technology	55	55	36	20	1
Associate Degree in Public Relations			8	13	10
Associate Degree in Retail Management			23	6	2
Associate Degree in Software Engineering	14	14	10	2	
Associate Degree in Sound Technology	129	128	84	54	47
Associate Degree in Textile	238	238	127	49	35
Associate Degree in Tourism Management	206	206	181	92	17
Associate Degree in TV & Film Production	128	128	83	76	6
Associate Degree in Web Design	89	89	48	16	1
Bachelor of Arts (Hons) in Creative Multimedia	118	118	71	128	139
Bachelor of Arts (Hons) in Broadcasting & Journalism	260	260	351	432	491
Bachelor of Arts (Hons) in Digital Film & Television	68	68	109	154	169
Bachelor of Arts (Hons) in Event Management	60	60	70	102	145
Bachelor of Arts (Hons) in Industrial Design	59	59	69	77	93
Bachelor of Arts (Hons) in Professional Communication	31	31	5		
Bachelor of Arts in Interior Architecture	174	169	177	215	231
Bachelor of Business (Hons) International Business	201	197	187	226	244
Bachelor of Business (Hons) in Entrepreneurship	125	125	55	95	110
Bachelor of Business (Hons) in Tourism Management	279	276	174	235	287
Bachelor of Design (Hons) Professional Design	141	139	75	91	143
Bachelor of Science (Hons) in Electronic Commerce	108	106	50	47	33
Bachelor of Science (Hons) in Software Engineering with Multimedia	148	143	126	98	133
Bachelor of Science (Hons) Information Technology	52	52	30	9	14
TOTAL	**5,081**	**5,044**	**3,658**	**5,148**	**4,517**

Table A1.2. 27: MANCOSA

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Business Administration	377	458	361	190	83
Bachelor of Commerce (Human Resource Management)	215	231	147	41	10
Bachelor of Commerce (Marketing)	217	246	171	79	29
Bachelor of Public Administration	11	16	11	5	5
Bachelor of Commerce (Supply Chain Management)				12	23
Master of Business Administration	79	102	114	78	43
TOTAL	899	1,053	804	405	193

Table A1.2. 28: Megasize College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in CIPS				8	4
Diploma in CIPS				7	10
Diploma in Fleet Management			44	82	165
Professional Diploma in Purchasing & Supply			31	22	35
Bachelor of Science in Procurement & Supply				15	30
TOTAL			75	134	244

Table A1.2. 29: New Era College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in Construction Industry		208	56	281	33
Certificate in Accommodation, Operations & Services				73	9
Certificate in Travel, Tourism & Hospitality				56	
Certificate in International Tourism				55	
Certificate in Electrical & Electronics Engineering		295		259	4
Certificate in Telecommunications		134	3	177	
Diploma in Accommodation Operations & Services	86	10			
Diploma in Construction Industry		56	148	56	13
Diploma in Electrical Electronics Engineering		171	221		205
Diploma in Telecommunications		88	119	3	
Diploma in Travel, Tourism & Hospitality Management		35			
Advanced Diploma in Accommodation Operations & Services		28	10		
Advanced Diploma In Construction Industry (City & Guilds)	626	469	74	148	97
Advanced Diploma in Electrical & Electronics Engineering	613	315	140	221	
Advanced Diploma Telecommunications Systems	318	149	40	119	
Advanced Diploma in Travel, Tourism & Hospitality	35		24		
Bachelor of Communications Engineering			45	71	100
Bachelor of Electrical Electronics Engineering			75	217	212
TOTAL	**1,678**	**1,958**	**955**	**1,736**	**673**

Annexure A1.3: ENROLMENTS IN PUBLIC INSTITUTIONS

Table A1.3. 1: Botswana Accountancy College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Association of Accounting Technicians (AAT)	937	457	779	763	674
Association of Chartered Certified Accountants (ACCA)	137	287	163	256	238
Certified Internal Audit		26	26		20
Certificate-Enterprise Risk Management			508	221	
Certificate in Finance Non-Finance Managers			86	44	2
Certificate in Practice of Short Term Insurance					1
Certificate in Public Sector Procurement		116	79	71	
Post Graduate Certificate in Enterprise Risk Management					132
Post Graduate Certificate in Infrastructure Finance					7
Post Graduate Certificate in Public Sector Procurement and Tender Process Management					34
Post Graduate Certificate in Public Sector Project Management					23
Certified Network Associate (Cisco)				19	24
Chartered Internal Auditor				31	
Chattered Institute of Management Accountants (CIMA)	213	234	239	97	224
Chattered Institute of Procurement and Supply					56
Insurance -Certificate Of Proficiency	91				
Insurance Institute of South Africa (IISA)				1,159	659
Diploma in Contact Centre Management					
Diploma in Insurance Institute of South Africa					32
Post Graduate Diploma in Advanced Taxation		58		74	20
Post Graduate Diploma in Finance for Non-Financial Managers					20
Bachelor of Arts (Hons) in Accounting & Finance	382	415	270	299	234
Bachelor of Arts (Hons) in Business Enterprise	176	166	75		

Table A1.3. 2: Botswana Accountancy College Cont'd……………………………..

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Arts (Hons) Business Management	254	260	202	201	131
Bachelor of Arts (Hons) in International Finance &Banking			49	128	193
Bachelor of Arts (Hons) International Hospitality Management	52	53	53	96	85
Bachelor of Arts (Hons) International Salon Management	61	84	84	21	1
Bachelor of Arts (Honours) International Travel & Tourism Management	268	242	211	195	262
Bachelor of Arts (Hons) Business Leadership & Entrepreneurship	94	89	109	230	215
Bachelor of Science (Hons) Applied Business Computing	386	306	297	251	212
Bachelor of Science (Hons) Business Intelligence & Data Analytics				12	36
Bachelor of Sciences (Hons) Computer Systems Engineering	424	327	338	393	344
Bachelor of Sciences (Hons) Information Communication Technologies					27
Bachelor of Science (Hons) Mobile Technology				57	94
Bachelor of Science (Hons) Network Computing					29
Botswana Institute of Chartered Accountants (Certificate)	74	106	88	150	96
Botswana Institute of Chartered Accountants (Professional)					55
Master of Business Administration - Top up (ACCA/CIMA)	33				
Master of Science in Information Technology Management	37	10	18		
Master of Science in Strategic Management	136		126	84	
Master of Science in Project Management	71	40	84	67	
Systems, Applications & Products Enterprise Resource (SAP)				33	5
TOTAL	**3,826**	**3,276**	**3,884**	**4,952**	**4,185**

Table A1.3. 3: Botswana College of Engineering and Technology

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in Auto Electronics			67	71	48
Certificate in Science Laboratory Technology			1	1	
Advanced certificate in ICT		28			
BTEP Certificate in ICT	14				
National Craft Certificate in Auto Electronics	49	132			
National Craft Certificate in Automotive Mechanics	53	63	63	75	50
National Craft Certificate in Borehole Mechanics	19	17	15	17	
National Craft Certificate in Fitter Machining	80	15			
National Craft Certificate in Heavy Plant Mechanics	92	96	69	80	
National Craft Certificate in Maintenance Fitting		107	34	35	
National Craft Certificate in Penal Beating and Spray Painting		40	56	59	18
National Craft Certificate Welding &Fabrication	27	65	21	21	
Diploma in Building and Civil Engineering	120	101	116	111	107
Diploma in Electrical & Electronic Engineering	105	102	108	102	129
Water & Environmental Engineering (Diploma)	88	86	75	70	106
Diploma in Geomatics	69	68	72	68	81
Diploma in Mechanical Engineering	114	141	161	155	131
Technician Diploma in Motor Vehicle System		33	62	56	
TOTAL	**830**	**1,094**	**920**	**921**	**670**

Table A1.3. 4: Botswana International University of Science and Technology

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Engineering Chemicals, Materials & Metallurgical Engineering				56	88
Bachelor of Engineering (Civil & Environmental)		43	47	87	98
Bachelor of Engineering (Computer Engineering)	32	61	58	22	13
Bachelor of Engineering (Computer & Telecommunications Engineering				92	89
Bachelor of Engineering (Electrical & Electronics)		35	37	84	100
Bachelor of Engineering (Energy Engineering)	48	95	97	89	31
Bachelor of Engineering (Geological Engineering)	61	113	117	147	133
Bachelor of Engineering (Industrial & Manufacturing)		73	70	85	102
Bachelor of Engineering (Measurement & Instrumentation)		42	43	40	40
Bachelor of Engineering (Mechanical & Aerospace)		40	42		
Bachelor of Engineering (Mechanical & Energy)				91	148
Bachelor of Engineering (Mechatronics)					37
Bachelor of Engineering (Mechatronics & Industrial Instrumentation)		45	45	76	56
Bachelor of Engineering (Mining Engineering)	53	100	104	125	110
Bachelor of Engineering (Telecommunication Engineering)	60	96	108	64	53
Bachelor of Sciences (Applied Sciences)	43	43	27	12	1
Bachelor of Sciences (Biological Sciences)		43	43	51	
Bachelor of Sciences (Biological Sciences & Biotechnology)				9	78
Bachelor of Sciences (Chemical & forensic Sciences)		40	38	34	
Bachelor of Sciences (Computer Science & Software Engineering)		22	12	37	61
Bachelor of Sciences (Earth & Environmental Sciences)	33	119	78	56	51
Bachelor of Sciences (Environmental Sciences)			37	40	56
Bachelor of Sciences Environmental & Analytical Chemistry)				13	10
Bachelor of Sciences (Forensic Sciences)				11	47

Table A1.3.3 Botswana International University of Science and Technology cont'd……

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Sciences (Geology)	45	90	88	90	82
Bachelor of Sciences (Information Systems & Data Management)		25	18	30	48
Bachelor of Sciences (Mathematics & Applied Mathematics)	22	40	36	37	49
Bachelor of Science (Materials & Nano Chemistry)				8	3
Bachelor of Science (Pure & Applied Chemistry)				25	54
Bachelor of Sciences (Physics)		16	17	25	42
Bachelor of Sciences (Statistics)		15	16	18	28
Master of Engineering (Chemicals, Materials & Metallurgical Engineering				2	4
Master of Engineering (Civil and Environmental)			14	5	7
Master of Engineering (Civil & Structural Engineering)		1			
Master of Engineering (Computer Engineering)			2	1	
Master of Engineering (Computer & Telecommunications Engineering)					3
Master of Engineering (Electrical & Electronics)			3	2	3
Master of Engineering (Energy Engineering)			5	3	
Master of Engineering (Geological Engineering)			2	2	2
Master of Engineering (Industrial & Manufacturing)			2	1	2
Master of Engineering (Industrial & System Engineering)				1	
Master of Engineering (Materials & Metallurgical Engineering)					1
Master of Engineering (Measurement & Instrumentation)			2	1	
Master of Engineering (Mechanical Engineering)			5		
Master of Engineering (Mechanical & Aerospace Engineering)				2	
Master of Engineering (Mechanical and Energy)			1		4
Master of Engineering (Mechatronics)			1	1	
Master of Engineering (Mechatronics & Industrial Engineering)					1

Table A1.3.3: Botswana International University of Science and Technology cont'd…

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Master of Engineering (Mechatronics & Industrial Instrumentation)					2
Master of Engineering (Mining Engineering)		1	2	2	3
Master of Engineering (Mining & Geological Engineering)					2
Master of Engineering (Telecommunication Engineering)			5	2	1
Master of Sciences (Analytical Chemistry)		1			
Master of Sciences (Biological Sciences)			10	10	11
Master of Sciences (Biology & Biotechnology)					4
Master of Sciences (Chemical & Forensic Sciences)					1
Master of Sciences (Chemical Sciences)			12	9	4
Master of Sciences (Chemistry)					3
Master of Sciences (Computer Science & Software Engineering)			19	17	19
Master of Sciences (Earth and Environmental Sciences)			3	2	
Master of Sciences (Environmental Sciences)			9	4	8
Master of Sciences (Forensic Sciences)					2
Master of Sciences (Geology)			9	7	16
Master of Sciences (Information Systems & Data Management)			29	22	11
Master of Sciences (Physics)			9	3	13
Master of Sciences (Pure & Applied Chemistry)					2
Master of Sciences (Pure & Applied Mathematics)			13	11	9
Master of Sciences (Statistics)			8	8	3
PhD in Biological Sciences			5	4	6
PhD Chemicals, Materials & Metallurgical Engineering			3		6
PHD Chemical Science					1
PHD in Chemistry				1	3

Table A1.3.3: Botswana International University of Science and Technology cont'd…

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
PHD Civil & Environmental Engineering					1
PHD Computer & Telecommunications Engineering					
PhD in Computer Science			7	2	11
PhD in Electrical & Electronics Engineering			2		
PhD in Energy Engineering			1		
PhD in Geological Sciences			3	3	5
PHD Industrial & Manufacturing Engineering					1
PHD in Information Systems & Data Management				1	7
PHD Materials & Metallurgical Engineering					2
PhD in Mechatronics & Industrial instrumentation			1		2
PhD in Physics			2	2	4
PhD Pure and Applied Mathematics			1	1	7
PhD in Statistics			1	1	4
PhD Telecommunications Engineering			1	1	
GRAND TOTAL	**397**	**1,199**	**1,370**	**1,688**	**1,910**

Table A1.3. 5: Botswana Open University

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in Microsoft Office Suite (Foundation)					39
Certificate in Community Based Work			94	53	117
Certificate in English for Professional Purposes			12		354
Certificate in Disaster Management	31	68	120	61	104
Certificate for Distance Education Practitioners	24	13	31	27	37
Certificate in Small Scale Business Management		1	179	78	64
Certificate in Vocational Education and Training				14	55
Chartered Institute of Purchasing & Supply	60	62	107	84	29
Diploma in Business Management	263	821	1,076	753	885
Diploma in Human Resource Management	454	1,103	1,462	841	1,054
Diploma in Integrated Early Childhood Development	128	259	476	505	955
Bachelor of Business Administration			349	376	513
Bachelor of Arts in Business and Entrepreneurship	95	190	316	286	328
Bachelor of Commerce in HR & Labour Relations	238	556	744	549	535
Bachelor of Education (Primary)			40	121	213
Bachelor of Education (Special and Inclusive Education)					51
Bachelor of Integrated Early Childhood Development				82	158
Bachelor in Leadership & Change Management	102	196			
Master of Business Administration		18	41	52	103
Master of Education (Educational Leadership)		86	132	141	177
Master of Public Administration		16	31	53	65
Professional Courses	488				
Postgraduate Certificate in Quality Assurance			19	23	50
TOTAL	**1,883**	**3,389**	**5,229**	**4,099**	**5,886**

Table A1.3. 6: Botswana University of Agriculture and Natural Resources

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Diploma in Agricultural Extension		59	60	58	54
Higher Diploma in Agriculture	44	30	19	18	15
Higher Diploma in Animal Health & Production	69	46	46	49	65
Higher Diploma in Forestry& Range Ecology	44	30	15	13	16
Bachelor of Science in Agriculture	101	81	78	69	70
Bachelor of Science in Agricultural Economics	153	118	136	164	170
Bachelor of Science in Agricultural Education	201	142	85	79	52
Bachelor of Science in Agricultural Extension	70	75	55	43	31
Bachelor of Science in Agricultural Mechanization	125	83	76	90	94
Bachelor of Science in Animal Science	139	140	146	183	211
Bachelor of Science in Crop Science	114	87	69	64	72
Bachelor of Science in Food Science & Technology	132	124	132	149	172
Bachelor of Science in Range Science			11	28	42
Bachelor of Science in Soil & Water Conservation Engineering	172	170	165	184	183
Master of Science in Agricultural Education	2	1		2	
Master of Science in Agricultural Engineering	7	8	9	10	8
Master of Science in Animal Science	16	12	27	15	10
Master of Science in Crop Science	21	23	8	18	13
PhD in Animal Science (Animal Nutrition)		1		1	
PhD in Animal Science (Breeding & Reproduction)		1	1	1	3
PhD in Crop Science (Agronomy)		2	1	1	1
PhD in Crop Science (Horticulture)		1			
TOTAL	**1,444**	**1,234**	**1,139**	**1,239**	**1,282**

Table A1.3. 7: Botswana Wildlife Training Institute

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Certificate in Wildlife Management &Conservation	49	34	28	32	31
Diploma in Wildlife Management & Conservation	46	46	42	36	33
Professional Tour Guide	19	19	21		
			19		
Leadership and Skill Enhancement Course			23		
Problem Animal Control			17		
Induction and Basic training					19
TOTAL	**114**	**99**	**150**	**68**	**83**

Table A1.3. 8: Colleges of Education

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Francistown College of Education					
Diploma in Primary Education	628	144	X	X	X
Serowe College of Education					
Diploma in Primary Education	585	700	505	263	356
Diploma in Early Childhood Care Education			110	55	72
	585	**700**	**615**	**318**	**428**
Tlokweng College of Education					
Diploma in Primary Education	469	481	414	332	319
Molepolole College of Education					
Diploma in Secondary Education	538	502	366	214	175
Tonota College of Education					
Diploma in Secondary Education	639	587	422	248	151
GRAND TOTAL	**2,859**	**2,414**	**1,817**	**1,112**	**1,073**

Table A1.3. 9: Francistown College of Technical and Vocational Education

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
BTEP Certificate in Applied Laboratory Science				30	8
BTEP Certificate Building Construction		28	57		
BTEP Certificate in Hospitality Operations	35	15	35	20	
BTEP Certificate in Sport, Recreation & Leisure	116	58	71	71	
Certificate in Built Environment	57				
Certificate in Clothing Design & Textiles	107				
Certificate in Hair Dressing & Beauty therapy	103	69	68	35	
Certificate in Teacher Training	292				
Certificate in Travel & Tourism	69	72	72		
Technician Certificate in Construction			67		
Advanced Certificate in Electrical & Mechanical Engineering	31				
Advanced Certificate in ICT		23	45	14	
Advanced Certificate in ICT & Multimedia	36				
Advanced Certificate in Multimedia		6	6		
National Craft Certificate Industrial Electrical				27	27
National Craft Certificate Instrumentation Mechanic				99	82
National Craft Certificate Maintenance Fitting				31	31
National Craft Certificate Millwright				29	29
National Craft Certificate Plumbing & Pipe Fitting				10	10
National Craft Certificate Refrigeration & Air Conditioning				28	28
Postgraduate Certificate in Technical & Vocational Education and Training		156	117	162	57
Diploma in Accommodation and Reception Services		10			
Diploma in Business Management	81				
Diploma in Culinary Arts		10	9	9	8

Table A1.3.8: Francistown College of Technical and Vocational Education cont'd……

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Diploma in City & Guilds Fashion			31	29	
Diploma in City & Guilds Textile			16	14	
Diploma in Food and Beverage		5			
Diploma in Hospitality Management			10	10	9
Diploma in ICT & Multimedia	58		53		
Diploma in Information & Comm. Technology					
Diploma in Systems Administration		30		15	14
Diploma in Travel Management		38	40		
Diploma in Travel & Tourism			20	36	37
National Diploma in Secretarial Studies		59	139	140	12
Technician Diploma in Building Construction (City & Guilds)		86	42	159	
Advanced Technician Diploma in Construction			22		94
Postgraduate Diploma in Technical & Vocational Education and Training				40	32
Poverty Eradication Practical Programmes		43	34		
TOTAL	985	708	954	1,008	478

Table A1.3. 10: Staff Defence College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Diploma in Defence & Strategic Studies	36	29			
Senior Command and Staff Program			48	36	36
Masters in Defence & Strategic Studies	11	19			
TOTAL	47	48	48	36	36

Table A1.3. 11: Gaborone Technical College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
BTEP Certificate in Hospitality Operations	26		22	10	
BTEP Certificate in Retail Business	10				
BTEP Certificate in Travel & Tourism	64			18	
Certificate Clothing Design & Textiles	41				
Certificate in Beauty Therapy				16	29
Certificate in Building Construction	135				
Certificate in Electrical & Electronic Engineering				15	
Certificate in Hairdressing	55	21		11	
Certificate in Hospitality & Tourism	26				10
Certificate in Multimedia	12	16	43	21	
Certificate Information & Communication Technology	9	10			
Advanced Certificate Beauty Therapy			12	6	
Advanced Certificate Business Administration	29				
Advanced Certificate in Hairdressing			12	5	
Advanced certificate Information & Communication Technology	28	27	32	24	
National Craft Certificate (unclassified)	129				
National Craft Certificate in Electrical		41	36		
National Craft Certificate in Refrigeration		45	56		
National Craft Certificate Refrigeration & Air Conditioning			20	17	26
Diploma in Culinary Arts		19	14	30	29
Diploma in Fashion Design		144	141	26	23
Diploma in Hospitality Management		25		28	28
Diploma in Hospitality Operations		10			
Diploma in Retail Business		10			

Table A1.3.10: Gaborone Technical College cont'd………………

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Diploma in Secretarial Studies				20	21
Diploma in System Administration					35
Diploma in Tourism Management		56		54	
Diploma in Travel and Tourism					53
Diploma Information & Communication Technology		26			
National Diploma in Accountancy & Business Studies		96	105	43	18
National Diploma in Secretarial Studies	99	93	94	20	
Technician Diploma in Construction		114	140	50	50
Technician Diploma in Electrical & Electronics Engineering	57	157	178	139	120
Advanced Technician Diploma in Construction					23
Higher National Diploma in Secretarial Studies	9	7		12	11
TOTAL	**729**	**917**	**988**	**557**	**476**

Table A1.3. 12: Institute of Development Management

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Association of Accounting Technician	318	136	126	86	77
Chartered Institute of Secretaries				8	
Certificate in Archives & Records Administration	39	43	104	60	36
Certificate in Human Resource Management			20	2	9
Certificate in Procurement & Supply	186		66		
Certificate in Supply & Procurement		76			11
Advanced Certificate Procurement & Supply	129	66	51		
Diploma in Archives Admin & Records		43	141	197	114
Diploma in Business Studies		20			
Diploma in Community Development			24		
Diploma in Educational Management & Administration	30		30		60
Diploma in Human Resources Management	53	80	47	53	32
Diploma in Information Technology					20
Diploma in Procurement & Supply	75	38	85		
Diploma in Project Management		39	58	82	28
Diploma in Public Administration & Management			14	15	
Diploma in Public Health Management		59	69	9	
Advanced Diploma in Computer Studies					1
Advanced Diploma Procurement & Supply		31	25		
International Diploma in Business(NCC)	16		37	13	
International Diploma in Computer Studies			21	16	1
International Advanced Diploma in Computer Studies	12	16	22	26	8
International Advanced Diploma in Business(NCC)				22	3
Professional Diploma Procurement & Supply	81	27	75	428	175

Table A1.3.11: Institute of Development Management cont'd……………………..

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Post Graduate Diploma in Monitoring and Evaluation			38	18	43
Bachelor of Archives & Records Management				140	208
Bachelor of Arts (Hons) Accountancy			41	85	71
Bachelor of Arts Community Development		23	64	92	120
Bachelor of Arts Travel & Tourism Management					38
Bachelor of Early Childhood Studies				54	143
Bachelor of Education (Hons) Management			33	44	104
Bachelor of Finance & Accounting		21		48	105
Bachelor of Human Resource Management				20	41
Bachelor of Office Management				38	47
Bachelor of Public Health Management			104	426	394
Bachelor of Science (Hons) Business Administration			47	41	72
Bachelor of Science (Hons) Business Computing and Information Systems			6	12	
Bachelor of Science (Hons) Computer Networking & Software Engineering					35
Bachelor of Science (Hons) Supply Chain Management			66	100	100
Bachelor of Science Project Management				10	40
Master of Science Project Management				33	45
Master of Science Supply Chain Management				9	27
TOTAL	**1,263**	**766**	**1,414**	**2,187**	**2,208**

Table A1.3. 13: Institute of Health Sciences

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bamalete Lutheran School of Nursing					
Post Basic Diploma Midwifery	43	64	36	36	33
Deborah Retief School of Nursing					
Higher Diploma General Nursing	118	X	X	X	X
Institute of Health Science (Francistown)					
Higher Diploma General Nursing	180	180	135	139	156
Post Basic Diploma Midwifery	24	24	23	23	36
TOTAL	**204**	**204**	**158**	**162**	**192**
Institute of Health Sciences (Gaborone)					
Post Basic Diploma Family Nurse Practitioner	20	20	16	16	26
Higher Diploma Dental Therapy	27	24	20	20	22
Higher Diploma General Nursing	137	143	247	144	140
Higher Diploma Medical Laboratory. Technology	63	34	36	31	28
Higher Diploma Pharmacy Technology	82	90	73	72	68
Post Basic Diploma Midwifery	25	41	39	43	41
TOTAL	**354**	**352**	**431**	**326**	**325**
Institute of Health Sciences (Lobatse)					
Advanced Diploma in Psychiatric Mental Health			24	20	24
Basic Diploma in Environmental Health	42	168	44	153	44
Higher Diploma in General Nursing	186	45	165	29	111
Post Basic Diploma in Midwifery					
TOTAL	**228**	**213**	**233**	**202**	**179**
Institute of Health Sciences (Molepolole)					
Advanced Diploma in Community Health	15				
Advanced Diploma Ophthalmic Nursing	11				
Higher Diploma General Nursing	152	152	175	174	181
TOTAL	**178**	**152**	**175**	**174**	**181**

Table A1.3.12: Institute of Health Sciences cont'd………………………….

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Institute of Health Sciences (Serowe)					
Higher Diploma General Nursing	193	174	154	150	154
Higher Diploma Health Education	46	55	43	17	43
TOTAL	**239**	**229**	**197**	**167**	**197**
Kanye Seventh Day School of Nursing					
Post Basic Diploma Family Nurse Practitioner	25	24	24	22	19
Higher Diploma General Nursing	158	165	165	165	162
Post Basic Diploma Midwifery	20	32	32	40	40
TOTAL	**203**	**221**	**221**	**227**	**221**
GRAND TOTAL	**1,567**	**1,435**	**1,451**	**1,294**	**1,328**

Table A1.3. 14: Jwaneng Technical College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
BTEP Certificate in Business Studies			18		
BTEP Certificate construction			12		
BTEP Certificate in ICT			48	48	
National Certificate in Secretarial Studies			31		40
National Certificate in Accounting			11		21
National Craft Certificate (NCC) Auto mechanics			11		
National Craft Certificate(Carpentry & Joinery			23	16	16
National Craft Certificate (NCC) Construction			10		
National Craft Certificate (NCC) Electrical			15	33	
National Craft Certificate (NCC) Machine Fitting			33	17	
National Craft Certificate (NCC) Painting & Decorating			12	28	12
National Craft Certificate (NCC) Plumbing & Pipefitting			17	16	
National Craft Certificate (NCC) Wielding			17	15	
TOTAL			258	180	89

Table A1.3. 15: Maun Technical College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Trade Test C Auto Mechanics				13	
Trade Test C Bricklaying & Plastering				10	
Trade Test C Carpentry & Joinery				11	
Trade Test C Clothing Design & Textile				7	
Trade Test C Electronics				15	
Trade Test C Electronical Installations				15	
Trade Test C Maintenance Fitting				16	15
Trade Test C Plumbing & Pipe Fitting				15	14
Trade Test C Painting & Decoration					13
Trade Test C Panel Beating & Spray Painting				25	15
Trade Test C Waiter/Chef					15
Trade Test C Welding & Fabrication					13
Trade Test B Auto Electric					7
Trade Test B Auto Mechanics					38
Trade Test B Bricklaying & Plastering				7	8
Trade Test B Carpentry & Joinery					13
Trade Test B Clothing Design & Textile				8	
Trade Test B Plumbing & Pipe Fitting				10	
BTEP Certificate in Hospitality Operations				10	11
BTEP Certificate in ICT			13	35	23
BTEP Certificate in Travel & Tourism				29	32
Certificate in Accountancy & Business Studies			20	10	
Certificate in Design & Technology			21		
National Craft Certificate (NCC)Auto Electrical			31		

Table A1.3. 14: Maun Technical College Cont'd…………………………….

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
National Craft Certificate Auto Mechanics			69		
National Craft Certificate Bricklaying			26		
National Craft Certificate Carpentry			30		
National Craft Certificate Chef & Waiter			14		
National Craft Certificate Electrical			16	11	
National Craft Certificate Electronics			15		
National Craft Certificate Fitting & Machining			4		
National Craft Certificate Hotel & Catering				13	
National Craft Certificate Maintenance Fitting			13		
National Craft Certificate Painting			12	11	
National Craft Certificate Panel Beating			15		
National Craft Certificate Plumbing			30		
National Certificate in Secretarial Studies			12		
National Craft Certificate Wielding			14		
TOTAL			355	271	217

Table A1.3. 15: OCCAT

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Foundation in Sports Recreation & Leisure			59	77	17
Certificate in Applied Laboratory Science			30	51	
Certificate in Business Management			127		
Certificate in Furniture Design & Manufacturing				15	19
Certificate in Human Resource Management			31		
Certificate in Jewellery Design & Manufacturing			15	13	15
Certificate in Sports Recreation & Leisure					60
Advanced certificate in Multimedia			49	16	
Diploma in ICT			62	26	
DIPLOMA IN NETWORK TECHNICIAN					61
TOTAL			**373**	**198**	**172**

Table A1.3. 16: Palapye Technical College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Trade Test C Bricklaying & Plastering				48	
Trade Test C Carpentry & Joinery				77	
Trade Test C Textile			22	22	
Trade Test C Welding &Fabrication				20	
Trade Test C Livestock Farming				21	
Trade Test C Maintenance & Fitting				19	
Trade Test C Painting & Decoration				26	
Trade Test C Plumbing & Pipe Fitting				72	
Trade Test B Auto Electrical					11
Trade Test B Auto Mechanics				36	
Trade Test B Bricklaying & Plastering				46	8
Trade Test B Carpentry & Joinery				14	13
Trade Test B in Textile			10	11	
Trade Test B in Welding &Fabrication			15	15	
Trade Test B Livestock Farming				9	
Trade Test B Plumbing & Pipe Fitting			29	24	28
Botswana Technical Education Programme (Building Construction)			22	22	
Botswana Technical Education Programme (Business)			17	17	
Botswana Technical Education Programme in ICT			90	106	
Certificate in ICT					15
Certificate in Accounting & Business Studies			14	32	31
Foundation in ICT					28
National Craft Certificate (Electrical)			16	16	17
National Craft Certificate Auto Electrics			31	31	

Table A1.3. 16: Palapye Technical College Cont'd……………………………….

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
National Craft Certificate Auto Mechanics			27	15	31
National Craft Certificate Bricklaying & Plastering			16	11	37
National Craft Certificate Carpentry & Joinery					32
National Craft Certificate Welding &Fabrication					
National Craft Certificate Maintenance Fitting			15	15	
National Craft Certificate Painting & Decorating			25	12	22
National Craft Certificate Plumbing & Pipe Fitting					33
National Craft Certificate Secretarial Studies			28	31	27
TOTAL			**387**	**777**	**333**

Table A1.3. 17: Selibe Phikwe Technical College

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Trade Test C (Auto Electrics)					15
Trade Test C (Auto Mechanics)					27
Trade Test C Bricklaying & plastering			11	16	14
Trade Test C (Dressmaking)			11	32	15
Trade Test C Electrical			13		13
Trade Test C (Furniture and Cabinet Making)			15		
Trade Test C in Painting & Decoration			17	17	16
Trade Test C in Plumbing & Pipe Fitting			30	16	
Trade Test B in Auto Mechanics					11
Trade Test B in Dressmaking				8	8
BTEP Electrical and Mechanical Engineering			12		
BTEP Information & Communications Technology			39	26	
BTEP Programme in Construction			14		
Certificate in Accounting & Business Studies			44	44	34
National Certificate in Secretarial Studies			42	38	40
National Craft Certificate in Auto Electrics			30	47	
National Craft Certificate in Auto Mechanics			35	55	11
National Craft Certificate in Bricklaying & plastering					11
National Craft Certificate in Dressmaking			26	9	9
National Craft Certificate in Electrical			12	40	9
National Craft Certificate Maintenance Fitting			48	40	
National Craft Certificate Painting & Decorating			17		
National Craft Certificate Welding Fabrication			29	44	
TOTAL			**445**	**432**	**233**

Table A1.3. 18: University of Botswana

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Diploma in Accounting & Business Studies	1,030	1,030	457	353	411
Diploma in Adult Education	105	105	27	9	6
Diploma in Archives & Records Management	58	58	31	37	34
Diploma in Defence & Strategic Studies	61	61	49	23	19
Diploma in Land Management	30	30	2	1	
Diploma in Library & Information Studies	54	54	17	10	16
Diploma in Mineral Engineering	34	34	10	2	
Diploma in Mining Engineering	55	55	21	2	
Diploma in NGO Management	9	9	7	8	4
Diploma in Population Studies	17	17	16	9	20
Diploma in Social Work	44	44	21	15	18
Diploma in Statistics	26	26	33	45	33
Bachelor of Accountancy	703	703	505	483	460
Bachelor of Architecture	126	126	112	116	104
Bachelor of Arts (Chinese Studies)	41	41	72	59	50
Bachelor of Arts (Criminal Justice)	86	86	130	117	121
Bachelor of Arts (Humanities)	1,551	1,551	629	374	221
Bachelor of Arts (Library & Information Studies)	69	69	34	38	42
Bachelor of Arts (Media Studies)	87	87	94	132	112
Bachelor of Arts (Pastoral Studies)	5	5	7	4	4
Bachelor of Arts (Social Sciences)	1,434	1,434	1,196	1,249	1,248
Bachelor of Business Administration			5		
Bachelor of Business Administration (Entrepreneurship & Enterprise)	43	43	126	163	151
Bachelor of Business Administration (International Business)	46	46	99	123	130

Table A1.3.18: University of Botswana Cont'd……………………………….

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Business Administration (logistics & Supply Chain)	56	56	158	190	210
Bachelor of Business Administration (Management)	398	398	489	387	384
Bachelor of Business Administration (Marketing)	557	557	289	227	230
Bachelor of Business Administration (Tourism & Hospitality Management)	128	128	130	149	147
Bachelor of Design (Design & Technology)	114	114	65	48	50
Bachelor of Design (Industrial Design)	86	86	78	108	58
Bachelor of Education (Adult)	226	226	143	93	60
Bachelor of Education (Business)	167	167	99	82	55
Bachelor of Education (Counselling)	352	352	256	209	184
Bachelor of Education (Educational Management)	160	160	40	2	36
Bachelor of Education (Early Childhood Management)				5	
Bachelor of Education (Family & Consumer Sciences)	264	264	112	87	64
Bachelor of Education (Home Economics)			2		
Bachelor of Education (Leadership Management)					146
Bachelor of Education (Physical)	530	530	205	168	150
Bachelor of Education (Primary)	554	554	16	5	27
Bachelor of Education (Science)	343	343	354	500	539
Bachelor of Education (Secondary)	688	688	105	43	34
Bachelor of Education (Special)	551	551	236	151	139
Bachelor of Engineering (Civil)	140	140	157	125	196
Bachelor of Engineering (Construction & Engineering)	122	122	71	46	18
Bachelor of Engineering (Electrical & Electronic Engineering)	123	123	125	115	176
Bachelor of Engineering (General)				176	
Bachelor of Engineering (Industrial Engineering)	79	79	84	68	108

Table A1.3.18: University of Botswana Cont'd………………………………

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Engineering (Mechanical Engineering)	132	132	141	123	177
Bachelor of Engineering (Mineral Engineering)	56	56	56	60	57
Bachelor of Engineering (Mining Engineering)					50
Bachelor of Engineering (Real Estate)					42
Bachelor of Finance	407	407	371	343	316
Bachelor of Fine Arts (Theatre Arts)	80	80	35	30	26
Bachelor of Geometrics	104	104	80	63	77
Bachelor of Industrial Design					22
Bachelor of Information and Knowledge Management					8
Bachelor Information Systems (Business)	238	238	180	121	113
Bachelor Information Systems (Computer Information Systems)	87	87	102	89	87
Bachelor Information Systems (Information Management)	180	180	121	112	80
Bachelor of Land Management	50	50	48	35	21
Bachelor of Laws	476	476	417	414	424
Bachelor of Library & Information Studies	218	218	95	80	75
Bachelor of Media Studies	144	144	169	199	166
Bachelor of Medicine/Surgery	230	230	244	256	261
Bachelor of Nursing (Completion)	10	10	5	7	8
Bachelor of Nursing (Generic)	276	276	223	221	222
Bachelor of Psychology	11	11	14	10	12
Bachelor of Science (Applied Geophysics)	52	52	42	37	36
Bachelor of Science (Computer Science)	175	175	158	184	177
Bachelor of Science (Computing with Finance)	138	138	173	252	256
Bachelor of Science (Environmental Health)	94	94	87	79	102

Table A1.3.18: University of Botswana Cont'd…………………………….

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Bachelor of Science (General)	1,102	1,102	943	1,047	1,177
Bachelor of Science (HistoTechnology /Cytotechnology)	1	1	27	49	59
Bachelor of Science (Information Technology)	100	100	126	114	133
Bachelor of Science (Mathematics of Finance)					12
Bachelor of Science (Medical Laboratory)	52	52	106	144	157
Bachelor of Science (Mining Engineering)	47	47	44	30	0
Bachelor of Science (Physics with Meteorology)	41	41	34	56	47
Bachelor of Science (Radiation & Health Physics)	48	48	48	44	49
Bachelor of Science (Real Estate)	28	28	47	79	61
Bachelor of Science (Statistics)	12	12	6	5	2
Bachelor of Science (Urban & Regional Planning)	51	51	54	65	81
Bachelor of Social Work	276	276	193	175	246
Master (Professional) in Urban and Regional Planning	3	3		7	3
Master of Arts (African Languages & Literature)	14	14	7	6	6
Master of Arts (Archives & Records Management)	61	61	57	57	67
Master of Arts (Defence & Strategic Studies)	35	35	52	37	42
Master of Arts (Development Studies)	41	41	23	25	20
Master of Arts (Economics)	31	31	29	34	39
Master of Arts (English)	17	17	17	19	10
Master of Arts (History)	4	4	5	5	3
Master of Arts (Politics & International Relations)	51	51	48	41	33
Master of Arts (Population Studies)	24	24	28	14	15
Master of Arts (Statistics)	14	14	22	17	17
Master of Arts (Theology & Religious Studies)	19	19	17	9	12

Table A1.3.18: University of Botswana Cont'd…………………………….

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Master of Business Administration	193	193	242	227	191
Master of Business Administration-Modular	4	4			
Master of Development Practice	36	36	35	20	18
Master of Education (Adult Education)	27	27	23	21	19
Master Education (Counselling & Human Studies)	46	46	35	35	44
Master Education (Curriculum & Instruction)	26	26	20	18	27
Master of Education (Educational leadership & Management)	55	55	34	36	34
Master of Education (Gender Education)	18	18	22	14	15
Master of Education (Language Education)	6	6	3	6	6
Master of Education (Mathematics Education)			28	20	15
Master of Education (Physical Education)	37	37	42	22	22
Master of Education (Primary Education)	12	12	18	22	24
Master of Education (Religious Education)	1	1	3	3	3
Master of Education (Research & Evaluation)	92	92	57	43	46
Master of Education (Science education)			4	3	3
Master of Education (Social Studies)	3	3	9	10	8
Master of Executive Entrepreneurship					3
Master of Education (Mathematics & Science)	28	28			
Master of Laws	18	18	15	21	29
Master of Library & Information Studies	23	23	34	27	29
Master of Medicine (Anatomic Pathology)	3	3	5	6	7
Master of Medicine (Emergency Medicine)	4	4	6	7	7
Master of Medicine (Family Medicine)	14	14	21	11	22
Master of Medicine (internal Medicine)	16	16	13	15	17

Table A1.3.18: University of Botswana Cont'd……………………………….

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Master of Medicine (Paediatrics & Adolescent)	17	17	14	23	21
Master of Medicine (Public Health)	5	5	7	6	8
Master of Nursing (Science)	54	54	59	66	73
Master of Project Management	52	52	51	44	56
Master of Public Administration (Environmental Resource Management)			3	3	5
Master of Public Administration (Human Resource Management)	61	61	36	51	57
Master of Public Administration (Local Government Management)	2	2	3	5	2
Master of Public Administration (Public Financial Management)	1	1	6	5	4
Master of Public Administration (Public Policy)	11	11	20	13	10
Master of Research and Public Policy					23
Master of Science (Applied Microbiology)	11	11	9	12	14
Master of Science (Chemistry)	17	17	17	23	18
Master of Science (Civil Engineering)	20	20	26	27	18
Master of Science (Computer Information Systems)	39	39	30	22	18
Master of Science (Computer Science)	20	20	11	12	11
Master of Science (Electrical & Electronic Engineering)	17	17	30	23	22
Master of Science (Environmental Science)	44	44	54	49	58
Master of Science (Hydrogeology)	15	15	19	16	19
Master of Science (Mathematics)	13	13	19	19	18
Master of Science (Mechanical Engineering)	6	6	9	4	4
Master of Science (Physics)	6	6	6	5	6
Master of Social Work	57	57	51	45	50
Master of Philosophy (Adult Education)	4	4	6	3	3
Master of Philosophy (African Language & Literature)	2	2	1		1

Table A1.3. 18: University of Botswana Cont'd……………………………….

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Master of Philosophy (Biological Sciences)	10	10	14	15	14
Master of Philosophy (Business)			6	8	4
Master of Philosophy (Chemistry)	1	1			3
Master of Philosophy (Computer Information System)	5	5	1	1	1
Master of Philosophy (Computer Science)			1		1
Master of Philosophy (Counselling & Human services)	4	4	5	3	2
Master of Philosophy (Curriculum & Instruction)	4	4	3	3	
Master of Philosophy (Design)			1		1
Master of Philosophy (Early Childhood				1	1
Master of Philosophy (Economics)			5	5	2
Master of Philosophy (Educational Management)	8	8	4	3	4
Master of Philosophy (Educational Technology)	4	4	2		
Master of Philosophy (Engineering)	6	6	13	8	3
Master of Philosophy (English)			1	2	1
Master of Philosophy (Environmental Education)			3		
Master of Philosophy (Environmental Science)	7	7	7	7	5
Master of Philosophy (Exercise Science)	1	1	1		
Master of Philosophy (History)			2		
Master of Philosophy (Food & Nutrition)	1	1		2	2
Master of Philosophy (Gender Education)			1		
Master of Philosophy (Geography Education)	1	1	1		1
Master of Philosophy (Home Economics)				1	2
Master of Philosophy (Infant Education)			1		
Master of Philosophy (Language Education)	2	2			1

Table A1.3. 18: University of Botswana Cont'd…………………………………….

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Master of Philosophy (Library & Information Studies)	7	7	4	4	5
Master of Philosophy (Mathematics)	2	2	2	1	3
Master of Philosophy (Maths & Science Education)	5	5	6	6	
Master of Philosophy (Medical sciences)			2	3	7
Master of Philosophy (Natural Resource Management)	13	13	16	13	7
Master of Philosophy (Physical Education & Coaching)			1	1	1
Master of Philosophy (Physics)	1	1	3	3	4
Master of Philosophy (Political Science)	1	1	2	2	3
Master of Philosophy (Population Studies)	5	5	3	3	1
Master of Philosophy (Public Administration)	5	5	6	4	1
Master of Philosophy (Research & Evaluation)			4	3	3
Master of Philosophy (Science Education)			2	1	1
Master of Philosophy (Social Work)	2	2	1	1	2
Master of Philosophy (Sociology)	2	2	2	1	3
Master of Philosophy (Social Studies Education)	1	1			2
Master of Philosophy (Special Education)	1	1	4	4	
Master of Philosophy (Sports & Recreation Management)			1		
Master of Philosophy (Statistics)	1	1	4	1	1
Master of Philosophy (Textile & Clothing)			1	1	
Master of Philosophy (Theology & Religious Education)	8	8	5	1	3
Doctor of Philosophy (PHD) (Adult Education)	1	1	1	2	2
Doctor of Philosophy (PHD) (African Language & Literature)			1	2	1
Doctor of Philosophy (PHD) Biological sciences	8	8	15	15	16
Doctor of Philosophy (PHD) Built Environment				1	1

Table A1.3. 16: University of Botswana Cont'd……………………………….

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Doctor of Philosophy (PHD) Business	2	2	2	4	6
Doctor of Philosophy (PHD) Chemistry	8	8	10	8	7
Doctor of Philosophy (PHD) Counselling and Human Services	2	2	2	1	1
Doctor of Philosophy (PHD) Curriculum & Instruction	1	1	4	4	3
Doctor of Philosophy (PHD) Early Childhood Management					1
Doctor of Philosophy (PHD) Economics			2	2	3
Doctor of Philosophy (PHD) Educational Management	3	3	2	3	4
Doctor of Philosophy (PHD) Educational Technology	3	3	1	2	1
Doctor of Philosophy (PHD) (Engineering)	4	4	6	14	16
Doctor of Philosophy (PHD) English	6	6	7	7	6
Doctor of Philosophy (PHD) (Environmental Science)	4	4	6	6	9
Doctor of Philosophy (PHD) (History)				1	
Doctor of Philosophy (PHD) (Food and Nutrition)	2	2	2	2	2
Doctor of Philosophy (PHD) (Gender Education)					
Doctor of Philosophy (PHD) Geography Education				1	1
Doctor of Philosophy (PHD) Geology					2
Doctor of Philosophy (PHD) (Language Education)	3	3	1	2	
Doctor of Philosophy (PHD) Library and information Studies	5	5	8	3	2
Doctor of Philosophy (PHD) Mathematics	6	6	6	9	7
Doctor of Philosophy (PHD) Mathematics Education				2	2
Doctor of Philosophy (PHD) Medical Sciences			1	1	2
Doctor of Philosophy (PHD) Natural Resource Management	9	9	3	5	3
Doctor of Philosophy (PHD) Physical Education &Coaching	1	1			
Doctor of Philosophy (PHD) Physics	4	4	3	3	2

Table A1.3. 1817: University of Botswana Cont'd……………………………………

Programme Name	2013/14	2014/15	2015/16	2016/17	2017/18
Doctor of Philosophy (PHD) Political Science			2	2	1
Doctor of Philosophy (PHD) Population Studies			3	2	6
Doctor of Philosophy (PHD) Public Administration	3	3	4	4	4
Doctor of Philosophy (PHD) Research & Evaluation	6	6	1	1	2
Doctor of Philosophy (PHD) Science Education			1	1	2
Doctor of Philosophy (PHD) Social Studies Education			1	1	1
Doctor of Philosophy (PHD) Social Work	1	1	1	2	2
Doctor of Philosophy (PHD) Sociology				1	2
Doctor of Philosophy (PHD) Special Education	3	3	3	1	1
Doctor of Philosophy (PHD) Sports and Recreation	1	1			
Doctor of Philosophy (PHD) Statistics	2	2	2	4	3
Doctor of Philosophy (PHD) Textile & Clothing			1		
Doctor of Philosophy (PHD) Theology & Religious Studies	1	1	2	4	4
Post Graduate Diploma in Higher Education	187	187	377	280	210
Post Graduate Diploma in Statistics	2	2	2	1	3
Pre Medical programme	72	72	39	44	2
Non Degree purpose/Short Course			74	27	19
Grand Total	**18,176**	**18,176**	**13,501**	**12,800**	**12,886**

Annexure B1: GRADUATES Table B1.1 Brigades

Programme Name	2016			2017		
	Female	Male	Total	Female	Male	Total
Trade Test C Auto Mechanics	46	190	236	54	149	203
Trade Test C Borehole	10	38	48	1	13	14
Trade Test C Bricklaying and Plastering	68	272	340	57	163	220
Trade Test C Carpentry and Joinery	49	124	173	30	109	139
Trade Test C Crop Farming	28	12	40	35	24	59
Trade Test C Dress Making	109	6	115	92	6	98
Trade Test C Electrical Installation & Maintenance	21	61	82	15	41	56
Trade Test C Forestry	17	8	25	18	8	26
Trade Test C Livestock Farming	14	19	33	15	13	28
Trade Test C Machine & Fitting		9	9	2	4	6
Trade Test C Painting & Decoration	12	3	15	12	5	17
Trade Test C Panel Beating & Spray Painting		14	14			
Trade Test C Plumbing & Pipe Fitting	23	21	44	15	22	37
Trade Test C Welding & Fabrication	24	88	112	23	72	95
Trade Test B Auto Mechanics	17	143	160	16	117	133
Trade Test B Bricklaying and Plastering	11	109	120	30	117	147
Trade Test B Borehole Mechanics				6	11	17
Trade Test B Carpentry and Joinery	16	68	84	27	53	80
Trade Test B Crop Farming	29	14	43	7	15	22
Trade Test B Dress Making	41	4	45	41	1	42
Trade Test C Electrical Installation & Maintenance	17	45	62	9	31	40
Trade Test B Forestry	8	5	13	2	4	6
Trade Test B Livestock Farming	8	20	28	5	10	15
Trade Test B Machine & Fitting	7	13	20			

Trade Test B Panel Beating & Spray Painting	**6**	**6**	**12**			
Trade Test B Panel Beating & Spray Painting	6	6	12			
Trade Test B Plumbing & Pipe Fitting	14	23	37	14	15	29
Trade Test B Welding & Fabrication	15	110	125	11	63	74
Certificate in Accountancy& Business Studies	50	10	60	70	13	83
Certificate in Agriculture	12	4	16	5	2	7
Certificate in Business Skills	34	19	53			
Certificate in Computer Studies	68	52	120	65	40	105
Certificate in Construction Industry	5	10	15		8	8
Certificate in Electrical & Electronics	5	24	29			
Certificate in Finance & Accounting	21	11	32			
Certificate in Human Resource Management	10	4	14			
Certificate in Integrated Early Childhood Development	51	4	55			
Certificate in International Tourism	26	4	30	22	1	23
Certificate in Motor Vehicle Engineering	2	23	25		10	10
Certificate in Refrigeration & Air Conditioning	6	9	15	2	13	15
Business Support Skills (City & Guilds)	32		32			
Health & Safety Management	3	2	5			
National Craft Certificate Architectural Draughting	3	17	20	7	19	26
National Craft Certificate Auto Mechanics	8	56	64	4	30	34
National Craft Certificate Bricklaying & Carpentry	3	18	21	1	11	12
National Craft Certificate Carpentry & Joinery		2	2			
National Craft Certificate Dress Making	18		18	7	1	8
National Craft Certificate Welding & Fabrication	4	17	21	3	24	27
National Certificate in Secretarial Studies	69	5	74	74	4	78
TOTAL	**1,040**	**1,716**	**2,756**	**797**	**1,242**	**2,039**

Annexure B1.2: GRADUATES PRIVATE INSTITUTIONS

Table B1.2.1: ABM University

Programme Name	2013	2014	2015	2016	2017
Certificate in Entrepreneurship Development					53
Certificate in Human Resource Management			2		
Certificate in Marketing Management		3			
Certificate in Secretarial Studies		4	12		
Advanced Diploma In Accounting& Finance		30			
Diploma In Business Information Systems		39		5	1
Advanced Diploma in Business Management		65	17		
Diploma in Electrical & Electronic Engineering		4	13		
Advanced Diploma in Financial Management		100	5		
Advanced Diploma in Human Resource		112	11		
Advanced Diploma In Marketing		11	4		
Advanced Diploma in Procurement & Supply					1
Advanced Diploma in Secretarial Studies		44	27	4	2
Advanced Diploma In Travel, Tourism & Hospitality Management	24	13			
Advanced Certificate (CIPS)			4		
Diploma in Business Management		22			
Diploma in Financial Management		1	1		1
Diploma in Human Resource Management		41	3		
Diploma in Marketing Management		8			
Diploma Procurement & Supply					11
Diploma in Secretarial Studies		24	9	23	12
Chartered Institute of Procurement & Supplies			8		
Bachelor of Arts (Hons) in Business Management		36	33	128	74

Table B1.2.1: ABM University Cont'd……………

Programme Name	2013	2014	2015	2016	2017
Bachelor of Arts (Hons) in Human Resource Management	47	120	140	18	
Bachelor of Arts (Hons) Marketing Management		117	48	67	44
Bachelor of Arts (Hons) in Tourism Management		8	45	70	40
Bachelor of Science (Hons) in Accounting & Finance		43	72	63	
TOTAL		740	418	509	320

Table B1.2.2: AFDA College

Programme Name	2013	2014	2015	2016	2017
Bachelor of Arts in Motion Picture Medium				49	88
Bachelor of Arts in Live Performance				2	47
Certificate in Film, TV & Entertainment Production				25	
Total				76	135

Table B1.2.3: Assembly Bible College

Programme Name	2013	2014	2015	2016	2017
Diploma in Theology		13	25	17	17
Total		13	25	17	17

Table B1.2.4: Author Portland College

Programme Name	2013	2014	2015	2016	2017
Association of Accounting Technicians (AAT)				3	
Chartered Institute of Management Accountants (CIMA)					2
TOTAL				3	2

Table B1.2.5: Ba Isago University

Programme Name	2013	2014	2015	2016	2017
Certified Accounting Technician	11	34		3	
Certificate in Business Management			17	15	17
Certificate in Court Administration				12	11
Certificate in Deputy Sheriffs				14	
Certificate in Entrepreneurship					2
Certificate in Human Resource Management		11			4
Certificate in Law		4	15	3	13
Certificate in Real Estate	14	29	39	102	46
Certificate in Vocational Education & Training	26	26	12	145	17
Diploma in Accounting			68	10	6
Diploma in Court Administration	28	28	75	52	7
Diploma in Entrepreneurship			6	4	1
Diploma in Insurance				7	48
Diploma in Law			31	31	8
Diploma in Marketing			9	15	2
Diploma in Occupational health and Safety					155
National Diploma in Real Estate			84	56	20
Diploma in Transport Management & Logistics			56	58	107
National Diploma in Safety Management	21	36	5		
National Professional Diploma in Education-Foundation	38	52	44	26	4
National Professional Diploma in Education-Intermediate				14	1
Bachelor of Commerce in Accounting				11	13
Bachelor of Commerce in Banking & Finance				24	86
Bachelor of Commerce (Entrepreneurship)	9	11	1		8

Table B1.2.5: Ba Isago University cont'd…………………..

Programme Name	2013	2014	2015	2016	2017
Bachelor of Commerce Financial Management				2	5
Bachelor of Commerce Human Resource Management			2	16	
Bachelor of Commerce (Logistics)			1		
Bachelor of Commerce (Marketing)			2		
Bachelor of Commerce (Real Estate)				11	107
Bachelor of Commerce Risk Management	6	8		10	80
Bachelor of Commerce (Hons) Risk Management & Insurance				31	30
Bachelor of Commerce Strategic Supply	3	5	1		
Bachelor of Education Early Childhood Management				4	24
Bachelor of Education General				2	
Bachelor of Education Social Studies					1
Post Graduate Diploma in Educational Leadership & Management			5		
TOTAL	**173**	**281**	**529**	**670**	**823**

Table B1.2.6: Bosa Bosele Training Institute

Programme Name	2013	2014	2015	2016	2017
Certificate in Early Childhood Education		80	181	125	64
Certificate in HIV Care & Counselling		9	10	1	
Certificate in Insurance			6		
Certificate in Journalism & Media Studies		8	6	6	
Certificate in Security Risk & loss Control		6	9	4	
Certificate in Social Work		120	116	25	24
Diploma in Social Work				5	
Total		**223**	**328**	**166**	**88**

Table B1.2.7: Boitekanelo College

Programme Name	2013	2014	2015	2016	2017
Diploma Counselling	60	207	75	47	
Diploma in Emergency Medical Care	52	242	108		
Diploma in Health Care Management	59	191	87	84	11
Diploma in Health Promotion & Education	60	177	94	68	8
Diploma in Occupational Health & Safety					62
Diploma in Public Health and Occupational Health	103	292	155	106	
Higher National Diploma in Pharmacy Technology				29	45
National Diploma in Clinical Technology					8
Degree in Health Promotion & Education				21	67
Degree in HealthCare Service Management				19	56
Degree in Occupational Health and Safety				18	79
TOTAL	**334**	**1,109**	**519**	**392**	**336**

Table B1.2.8: Botswana Institute of Bankers

Programme Name	2013	2014	2015	2016	2017
Associate Diploma in Banking			40	32	21
TOTAL			**40**	**32**	**21**

Table B1.2.9: Flying Mission Services

Programme Name	2013	2014	2015	2016	2017
Diploma in Aircraft Maintenance Engineering-Airframe & Power plant	16	12	11	13	14
TOTAL	**16**	**12**	**11**	**13**	**14**

Table B1.2.10: Botho University

Programme Name	2013	2014	2015	2016	2017
Association of Accounting Technicians (AAT)					8
Bachelor of Science (Honours) in Accounting					84
Bachelor of Science (Honours) in Business Management					81
Bachelor of Science (Honours) in Computing	324	324	354	313	109
Bachelor of Science (Hon) Computing & Its Practice	113	110	65		
Bachelor of Science (Honours) in Health Information Management					58
Bachelor of Science (Honours) in Network Security Computer Forensics					22
DNIIT (Network Engineering) Microsoft Technologies			164		
DNIIT (Software Engineering) Microsoft Technologies			39		
Post Graduate Certificate In Higher Education	26	39	23		1
Post Graduate Diploma in Higher Education					10
Professional Diploma, Information Technology	189	189			
Professional Diploma in Computing				127	2
Professional Diploma in Network Security & Computer Forensics					1
Diploma in Computing			1		7
Diploma in Finance					1
Diploma in Health Information Management					1
Certificate in Business Management			1		
Certificate in Computing			1		
Post Certificate in Higher Education			87		
Masters in Computing			2		
MSc in Computer Systems Management					16
MSc in Mobile Technologies					2
Professional Development Programmes			69		101
TOTAL	**652**	**662**	**806**	**440**	**504**

Table B1.2.11: Gaborone Academy of Education

Programme Name	2013	2014	2015	2016	2017
Association of Accounts Technician			19	8	
ATTL4	1	11			
Advanced Certificate in Business Skills	2	2	4		
Certificate in Business Studies		4	1		
Diploma Human Resource Management		6	6		
Certificate in Marketing Advertising & Public Relations	2	16	13	1	
Project Management	2				
Business Management	1				
TOTAL	**8**	**39**	**43**	**9**	

Table B1.2.12: Gaborone Universal College of Law

Programme Name	2013	2014	2015	2016	2017
Diploma in Early Childhood Education			81	38	
Diploma in Events Management					71
Diploma in Purchasing & Supply				19	
Diploma in Court Administration			5		
Diploma in Law	73	102	50		2
Diploma in Occupational Health and Safety					212
Diploma in Security Management					140
Diploma in Transport Management					131
Advanced Diploma in Criminology			6		
Advanced Diploma in Occupational Health, Safety & Environmental Law			31	175	
Advanced Diploma in Security Management & Legal Studies			1		
Advanced Diploma in Purchasing & Supply Management				20	
TOTAL	**73**	**102**	**174**	**252**	**556**

Table B1.2.13: Gaborone Institute of Professional Studies

Programme Name	2013	2014	2015	2016	2017
Certificate in Health & Safety				77	
Certificate in Risk Management				81	
Certificate in Project Management				77	
AAT Diploma in Accounting			26		
Diploma in Accounting			10		
Diploma in Business Management			35		
Diploma in Entrepreneurship				22	1
Diploma in Human Resource Management			95		
Diploma in Sales & Marketing			13		
Advanced Diploma in Business Management				2	
Advanced Diploma in Business Skills			43		
Advanced Diploma Computing			24		
Advanced Diploma in Marketing				5	
Advanced Diploma in Travel & Tourism Management				2	
Bachelor of Science (Hons) Business Information Technology			10		
Bachelor of Accounting and Finance					110
BBA in Business Management					93
BBA in Marketing Management					109
BBA in Travel and Tourism Management					142
TOTAL			**252**	**266**	**455**

Table B1.2.14: Imperial School of Business

Programme Name	2013	2014	2015	2016	2017
Certificate in Business Management				10	1
Certificate in Entrepreneurship					3
Certificate in Health and Safety					2
Certificate In Human Resource Management				8	
Certificate In Marketing Management				4	2
Certificate In Marketing, Advertising & Public Relations Management				4	2
Certificate of Proficiency (COP)					3
Certificate in Project Management					3
Certificate in Risk Management					1
Certificate in Social Work					3
Certificate In Travel, Tourism & Hospitality Management				4	5
Advanced Diploma In Business Management		36		16	2
Advanced Diploma In Human Resource Management		26		6	
Advanced Diploma In Marketing Management		43	43	27	
Advanced Diploma In Marketing, Advertising & Public Relations Mgt		7	5	4	
Advanced Diploma In Travel, Tourism & Hospitality Management		51	17	12	4
Association of Accounting Technicians		151	133	89	39
Diploma in Business Skills		22	22	27	
Diploma In Human Resource Management				21	2
Diploma In Marketing Management				11	
Diploma In Marketing, Advertising & Public Relations Management				9	
Diploma In Travel, Tourism & Hospitality Management				14	
Bachelor of Business Administration (Hons) Finance & Banking		16			
Bachelor of Business Administration BBA in BUSINESS MANAGEMENT					2

Table B1.2.14: Imperial School of Business Cont'd…………………………..

Programme Name	2013	2014	2015	2016	2017
Bachelor of Business Administration in Entrepreneurship					31
Bachelor of Business Administration in Finance and Banking					109
Bachelor of Business Administration in Marketing and Public Relations					1
Bachelor of Business Administration in Travel Tourism and Hospitality					48
Chartered Institute of Management Accounts (CIMA)					9
TOTAL		**352**	**220**	**266**	**272**

Table B1.2.15: Limkokwing University

Programme Name	2013	2014	2015	2016	2017
Associate Degree in Advertising		58	24	13	17
Associate Degree in Architecture		86	46	63	42
Associate Degree in Broadcasting (Television & Radio)		206	48	57	101
Associate Degree in Business Information Systems		82	42	55	67
Associate Degree in Business Information Technology		4		4	
Associate Degree in Business Management		65	88	99	23
Associate Degree in Creative Multimedia		3	7	53	55
Associate Degree in Creative Writing		1			
Associate Degree in Digital Photography		11		7	3
Associate Degree in Digital Video		7	9	10	1
Associate Degree in Event Management			1	7	12
Associate Degree in Fashion & Apparel Design		18	16	30	15
Associate Degree in Film & Television Production		50		10	5
Associate Degree in Fine Art			13	23	25
Associate Degree in Furniture Design			4	12	
Associate Degree in Graphic Design		44	22	32	17
Associate Degree in Hotel Management			4	22	6
Associate Degree in Information Technology		10	1	15	1
Associate Degree in Interior Design			10	12	18
Associate Degree in International Tourism			1		
Associate Degree in Journalism & Media		35	87	66	64
Associate Degree in Marketing		3	43	46	6
Associate Degree in Merchandising & Retailing		29	19	17	29
Associate Degree in Mobile Computing		7		3	

Table B1.2.15: Limkokwing University Cont'd……………..

Programme Name	2013	2014	2015	2016	2017
Associate Degree in Multimedia & Software Engineering			1	2	
Associate Degree in Packaging Design & Technology		11	14	9	4
Associate Degree in Public Relations		10	10	7	1
Associate Degree in Retail Management				17	
Associate Degree in Software Engineering		13	1	7	
Associate Degree in Sound Technology		50	37	25	1
Associate Degree in Textile Design		22	70	70	3
Associate Degree in Tourism Management		8	6	72	22
Associate Degree in Videography		10			
Associate Degree in Web Design		47	38	28	2
Bachelor of Arts (Hons) Broadcasting & Journalism		259	54	39	6
Bachelor of Arts (Hons) Creative Multimedia		81	32	18	
Bachelor of Arts (Hons) Interior Architecture		190	44	21	1
Bachelor of Arts (Hons) Digital Film & TV Production		66	29	10	2
Bachelor of Arts (Hons) Events Management		151	18	6	
Bachelor of Arts (Hons) in Industrial Design		162	22	9	2
Bachelor of Arts (Hons) Professional Communication		73	27	4	
Bachelor of Arts (Hons) Professional Design				8	1
Bachelor of Business in Entrepreneurship		245	68	6	1
Bachelor of Business (Hons) International Business		175	41	30	8
Bachelor of Business (Hons) Tourism Management		367	131	34	6
Bachelor of Design (Hons) Professional Design		88	96		
Bachelor of Science (Hons) in Electronic Commerce		176	49	7	2
Bachelor of Science (Hons) in Information Technology		194	22	11	1

Table B1.2.15: Limkokwing University Cont'd…………………………

Programme Name	2013	2014	2015	2016	2017
Bachelor of Science (Hons) in Software Engineering Multimedia		102	51	24	2
TOTAL		**3,265**	**1,368**	**1,120**	**572**

Table B1.2.16: Kgolagano College

Programme Name	2013	2014	2015	2016	2017
Preachers Award					15
Certificate in Theology			20		5
Certificate in Human Development & Rehabilitation			3		1
Diploma in Theology		4	61	11	9
Bachelor in Theology				20	8
TOTAL		**4**	**84**	**31**	**23**

Table B1.2.17: MANCOSA

Programme Name	2013	2014	2015	2016	2017
Bachelor of Business Administration			72	134	57
Bachelor Commerce Human Resource Management			43	94	3
Bachelor Commerce in Marketing			47	81	27
Bachelor of Public Administration			2	2	
Master of Business Administration			3	7	
TOTAL			**167**	**318**	**87**

Table B1.2.18: Mega-Size College

Programme Name	2013	2014	2015	2016	2017
Certificate in Travel, Tourism and Hospitality			3		
Diploma in Fleet Management					12
Professional Diploma in CIPS					8
TOTAL			**3**		**20**

Table B1.2.19: New Era College

Programme Name	2013	2014	2015	2016	2017
Certificate in Accommodation, Operations & Services		17			
Diploma in Accommodation, Operations &Services		65			109
Advanced Diploma Accommodation, Operations & Services		30		5	
Diploma in Travel, Tourism & Hospitality Management		26			
Advanced Diploma in Travel, Tourism & Hospitality Management		1			
Certificate in Electrical and Electronics Engineering		10	226		
Diploma in Electrical and Electronics Engineering		23	150		
Advanced Diploma in Electrical and Electronics Engineering		47	18	10	58
Diploma in Construction Industry		137			28
Certificate in Telecommunication Systems			104		
Diploma in Telecommunication Systems			48		3
Advanced Diploma in Telecommunication Systems			9	26	60
Advanced Diploma in Construction Industry				8	
TOTAL		**356**	**555**	**49**	**258**

Annexure B1.3: GRADUATES PUBLIC INSTITUTIONS
Table B1.3.1: Botswana Accountancy College

Programme Name	2013	2014	2015	2016	2017
Advanced Taxation				222	
Association of Accounting Technicians (AAT)		32	84	53	49
(ACCA) Association of Certified Chartered Accountants		30	26		16
Botswana Institute of Chartered Accountants (BICA)			2	6	
Business Calculations				19	
Business Communication				31	
Certificate in Accounting & Finance			21		
Certificate in Enterprise Risk Management		369	397	416	221
Certificate in Finance Non Finance Managers			107		44
Certificate Higher Education in Business Enterprise			5		
Certificate Higher Education in Business Management			3		
Certificate Higher Education in Business Tourism Management			3		
Certificate Insurance Institute of South Africa		15	26		
Certificate in Public Sector Procurement & Tender Process Mgt			123	224	71
Certificate of Proficiency – Basis of Long Term Insurance		275		481	283
Certificate of Proficiency – Basis of Short Term Insurance		85		464	277
Certificate of Proficiency - Basis of Retirement Fund		12		33	15
Certified Network Associates (Cisco)					69
Chartered Institute of Management Accountants (CIMA)			9	7	
Diploma in Accounting and Finance			3		
Diploma in Higher Education in Business Enterprise			1		
Diploma Higher Education in Travel & Tourism Management			2		
Bachelor of Arts (Honours) Accounting & Finance		99	145	101	108

Table B1.3.1: Botswana Accountancy College Cont'd……………………

Programme Name	2013	2014	2015	2016	2017
Bachelor of Arts (Honours) in Business Enterprise		68	71	79	
Bachelor of Arts (Honours) Business Management			68	49	109
Bachelor of Arts Entrepreneurship & Business Leadership					55
Bachelor of Arts (Honours) International Hospitality Management				29	20
Bachelor of Arts (Honours) in International Salon Management				54	13
Bachelor of Arts (Hons) in International Tourism Management			57	83	78
Bachelor of Arts (Hons) in Travel &Tourism Management			4		
Bachelor of Science (Hons) Applied Business Computing		65	78	41	59
Bachelor of Science (Hons) Computer Systems Engineering		45	90	47	61
Master of Business Administration	29	15	28		
Master of Science Information Technology Management			9		
Master of Science Project Management			41		
Master of Science Strategic Management	54	138	45		
Post Certificate in Finance for Non-Finance Managers				97	
Practice of Retirement Fund				39	
SAP Academy – SAPERP Foundation Certificate				16	
SAP Enterprise Resource Planning				7	
Post graduate Diploma in Taxation					43
TOTAL	**81**	**1,300**	**1,503**	**2,598**	**1,591**

Table B1.3.2: Botswana College of Engineering and Technology

Programme Name	2013	2014	2015	2016	2017
Certificate in ICT		4			
Certificate in Science Laboratory Technology			1		
National Craft Certificate Automotive Electronics	7	7		18	11
National Craft Certificate Automotive Mechanics		5	6	5	
National Craft Certificate in Borehole Mechanics		18			
National Craft Certificate in Heavy Plant Mechanics		32	20		
National Craft Certificate Maintenance Fitting		4	19	18	
National Craft Certificate in Penal Beating& Spray Painting		10	10	10	10
National Craft Certificate Welding & Fabrication			10		
Diploma in Building and Civil Engineering	28	40	33	33	19
Diploma in Electrical & Electronic Engineering	35	35	35	42	28
Diploma in Geomatics	18	15	8	8	
Diploma in Mechanical Engineering	52	51	49	46	61
Diploma in Water Environmental Engineering	26	26	38	37	29
TOTAL	**166**	**247**	**284**	**217**	**158**

Table B1.3.3: Botswana Open University

Programme Name	2013	2014	2015	2016	2017
Certificate Community Based Work with Children and Youth				63	
Certificate in Disaster Management		15	31	36	36
Certificate for Distance Education Practitioners		37	10	12	18
Certificate in English for Professional Purposes			11	12	358
Certificate in Small Scale Business Management		130	172	68	73
Certificate in Vocational Education and Training					19
Foundation Certificate In Microsoft Office Suite		38	28	10	6
Diploma in Business Management		128	86	141	122
Diploma in Early Childhood Development			96	89	164
Diploma in Human Resource Management		228	265	280	258
Bachelor of Business Administration (Leadership & Change Management)					30
Bachelor of Business Entrepreneurship				26	37
Bachelor of Commerce in HRM & Industrial Relations		124	96	138	115
Bachelor of Education - Primary					22
Commonwealth Executive Master of Business Administration (CEMBA)					2
Commonwealth Executive Master of Public Administration (CEMPA)					4
Master of Education - Educational Leadership					35
Post Graduate Certificate Practitioner Research &Evaluation Skills Training			172		
Post Graduate Certificate in Quality Assurance in Education				3	21
TOTAL		**700**	**967**	**878**	**1,320**

Table B1.3.4: Botswana University of Agriculture and Natural Resources

Programme Name	2013	2014	2015	2016	2017
Diploma in Agricultural Extension			29	30	32
High Diploma in Agriculture		17	11	4	5
Diploma In Animal Health & Production		19	18	13	10
Diploma in Forestry & Range Ecology		11	15	3	4
Bachelor of Science Food Science & Technology			23	18	26
Bachelor of Science Agricultural Economics		51	18	41	28
Bachelor of Science Agricultural Education		54	50	17	48
Bachelor of Science Agricultural Mechanization		30	21	17	10
Bachelor of Science in Agriculture		24	20	16	16
Bachelor of Science in Animal Science		22	25	18	28
Bachelor of Science in Crop Science		27	26	13	18
Bachelor of Science in Soil and Water Conservation Engineering		23	42	34	33
Bachelor of Science Agricultural Extension		1	20	12	18
Bachelor of Science in Forestry and Range Ecology		35			
Master in Crop Science (Agronomy)					2
Master in Crop Science (Horticulture)			2	5	3
Master in Crop Science (Soil Science)					1
Master in Animal Science (Animal Nutrition)		5	4	1	
Master in Animal Science (Animal Management Systems)					2
Master in Animal Science (Animal Breeding & Production)					
Master of Science in Agricultural Engineering		2	4	2	1
Master of Science in Agricultural Education		3	1		
Master in Animal Science (Crop Protection)		1			
TOTAL		**325**	**329**	**244**	**285**

Table B1.3.5: Botswana Wildlife Training Institute

Programme Name	2013	2014	2015	2016	2017
Certificate in Wildlife Management		44	27	29	30
Certificate in Professional Tour Guide		18	21		
Diploma in Wildlife Management		22	21	19	33
Induction & Basic Training					17
TOTAL		**84**	**69**	**48**	**80**

Table B1.3.6: Colleges of Education

Programme Name	2013	2014	2015	2016	2017
FRANCISTOWN COLLEGE OF EDUCATION					
Diploma In Primary Education	594	151	108	X	X
SEROWE COLLEGE OF EDUCATION					
Diploma In Primary Education	195	195	130	172	92
Diploma in Early Childhood Care and Education					17
	195	**195**	**130**	**172**	**109**
TLOKWENG COLLEGE OF EDUCATION					
Diploma In Primary Education		103	201	126	121
MOLEPOLOLE COLLEGE OF EDUCATION					
Diploma In Secondary Education	159	182	173	178	144
TONOTA COLLEGE OF EDUCATION					
Diploma In Secondary Education	189	225	190	212	171
TOTAL	**1,137**	**856**	**802**	**688**	**545**

Table B1.3.7: Francistown College of Technical and Vocational Education

Programme Name	2013	2014	2015	2016	2017
Advanced Certificate in Business	63	58			
Advanced Certificate in ICT		9	8	8	12
Advanced Certificate in Multimedia		17		5	
BEAR Diploma Culinary I Arts					1
BTEP Certificate in Applied Laboratory Science					20
BTEP Certificate in Building Construction	13				
Certificate in Electrical & Mechanical Engineering	13				
Certificate in Hairdressing			18	16	10
Certificate in Hospitality Operations		14			9
Certificate in Information & Comm. Technology	30				
Certificate in Sports, Recreation & Leisure		44	39		
Certificate in Travel & Tourism	30	18	52		
Certificate in Vocational Education and Training					162
Advanced Diploma in ICT			16		
Diploma in Clothing Design &Textile	13	71			14
Diploma in Fashion					27
Diploma in ICT			15		
Diploma in Systems Administration				14	13
Diploma in Travel & Tourism					18
Advanced Technician Diploma in construction					43
Higher Diploma in Beauty And Therapy	27	12			
National Diploma in Secretarial Studies			59	57	65
Post Graduate Certificate in TVET	133	133	92	2	
Post Graduate Diploma in Technical and Vocational Education					40

Table B1.3.7: Francistown College of Technical and Vocational Education Cont'd……

Programme Name	2013	2014	2015	2016	2017
National Craft Certificate Industrial Electrical					15
National Craft Certificate Instrumentation					39
National Craft Certificate Maintenance Fitting					15
National Craft Certificate Mill Wright					15
National Craft Certificate Refrigeration & Air Conditioning					13
TOTAL	**322**	**376**	**299**	**102**	**531**

Table B1.3.8: Staff Defence College

Programme Name	2013	2014	2015	2016	2017
Diploma in Defence & Strategic Studies	36	36			
Diploma in Senior Command and Staff Program			47	36	36
Masters in Defence & Strategic Studies					
TOTAL	**36**	**36**	**47**	**36**	**36**

Table B1.3.9: Institute of Development Management

Programme Name	2013	2014	2015	2016	2017
Association of Accounting Technicians					29
Certificate in Archives & Records Management		14		3	75
Certificate in Human Resource Management		15			7
Diploma in Archives & Records management		31		42	88
Diploma in Business					9
Diploma in Community Development					5
Diploma in Computing					22
Diploma in Educational Management		53			
Diploma in Human Resource Management			80		42
Diploma in Public Administration					14
Diploma in Public Health				24	6
Diploma in Project Management					15
Diploma in Procurement & Supply					6
Advanced Diploma in Business				1	4
Advanced Diploma in Computer Studies				1	12
Advanced Diploma in Procurement and Supply					2
Bachelor of Education Management			29		31
Bachelor of Public Health Management					29
Bachelor of Science (Hons) Business Administration					7
Bachelor of Science (Hons) Business Computing					5
Postgraduate Diploma in Monitoring & Evaluation					12
Master of Science Project Management					19
Master of Science Supply Chain Management					5
TOTAL		**113**	**109**	**71**	**444**

Table B1.3.10: Bamalete Lutheran School of Nursing

Programme Name	2013	2014	2015	2016	2017
Post Basic Diploma Midwifery	18	60	21	1	36
TOTAL	18	60	21	1	36

Table B1.3.11: Francistown Institute of Health Sciences

Programme Name	2013	2014	2015	2016	2017
Higher Diploma General Nursing	43	43	40	43	42
Post Basic Diploma Midwifery	36	36	30		23
TOTAL	79	79	70	43	65

Table B1.3.12: Gaborone Institute of Health Sciences

Programme Name	2013	2014	2015	2016	2017
Post Basic Diploma Family Nurse Practitioner					16
Higher Diploma Dental Therapy	8	9	9	7	7
Higher Diploma General Nursing	42	31	57	107	51
Higher Diploma Medical Laboratory Technology	27	27	16	19	4
Higher Diploma Pharmacy Technology	28	20	33	25	26
Post Basic Diploma Midwifery	30	23	1	36	
TOTAL	135	110	116	194	104

Table B1.3.13: Kanye Seventh Adventist School of Nursing

Programme Name	2013	2014	2015	2016	2017
Post Basic Diploma Family Nurse Practitioner	25		24		22
Higher Diploma in General Nursing	158	53	52	51	57
Post Basic Diploma in Midwifery	20	19		29	3
TOTAL	203	72	76	80	82

Table B1.3.14: Lobatse Institute of Health Sciences

Programme Name	2013	2014	2015	2016	2017
Advanced Diploma in Psychiatric Mental Health					20
Basic Diploma in Environmental Health	15	12	16	14	15
Higher Diploma in General Nursing	35	61	45	79	46
TOTAL	50	73	61	93	81

Table B1.3.15: Molepolole Institute of Health Sciences

Programme Name	2013	2014	2015	2016	2017
Advanced Diploma Community Health	15				
Advanced Diploma Ophthalmic Nursing	11				
Higher Diploma in General Nursing	33	52	36	61	40
Post Basic Diploma Midwifery					
TOTAL	59	52	36	61	40

Table B1.3.16: Serowe Institute of Health Sciences

Programme Name	2013	2014	2015	2016	2017
Higher Diploma in General Nursing	50	63	63	36	30
Higher Diploma in Health Education		7	9	20	19
TOTAL	50	70	72	56	49

Table B1.3.17: Jwaneng Technical College

Programme Name	2013	2014	2015	2016	2017
BTEP Certificate in Business			12	6	3
National Craft Certificate Auto Mechanics			11		2
National Craft Certificate Bricklaying & Plastering			6		
National Craft Certificate Maintenance Fitting					10
National Craft Certificate Painting & Decorating			4	16	6
National Craft Certificate Electrical			14		16
National Craft Certificate Wielding &Fabrication			7		5
National Craft Certificate Carpentry & Joinery					8
National Craft Certificate Plumbing & Pipe Fitting					6
Certificate in ICT				14	
Certificate in Electrical & Mechanical Engineering					8
Certificate in Building Construction				9	5
National Certificate in Secretarial Studies					15
TOTAL			**54**	**45**	**84**

Table B1.3.18: Maun Technical College

Programme Name	2013	2014	2015	2016	2017
National Craft Certificate Fitter Machining				1	1
National Craft Certificate Maintenance Fitting				7	15
National Craft Certificate (Chef)			6	4	
National Craft Certificate (Plumbing)			1	14	
National Craft Certificate (Wielding)			9	5	12
National Craft Certificate (Electrical)			9	13	1
National Craft Certificate (Painting)			5	12	
National Craft Certificate Auto Mechanics			4	9	
National Craft Certificate Auto Electric					4
National Craft Certificate Brick Laying			9	4	
National Craft Certificate (Carpentry)			6		
Certificate in ICT			9	13	13
BTEP Certificate in Travel and Tourism			13		25
Certificate in Hospitality Operations			1		
National Certificate in Secretarial Studies			2		
Certificate in Accounting & Business Studies			3		9
TOTAL			**77**	**82**	**80**

Table B1.3.19: Oodi College of Arts

Programme Name	2013	2014	2015	2016	2017
Certificate in Applied Laboratory Science			27	21	10
Certificate in Business Management					47
Certificate in Business Management				31	
Certificate in Business Professional and Administration				26	
Certificate in Computer & Information System				15	18
Certificate in Computer Engineering				12	15
Certificate in Human Resource Management				27	39
Certificate in Jewellery Design & Manufacturing				8	
Certificate in Sports Recreation and Leisure					6
Principles of Business and Administration					31
Advanced Certificate ICT			31	9	2
Advanced Certificate in Multimedia			21	1	15
Diploma in Network Technician					17
TOTAL			**79**	**150**	**200**

Table B1.3.20: Palapye Technical College

Programme Name	2013	2014	2015	2016	2017
BTEP (Building Construction)			11	9	
BTEP (Business)			28	10	
BTEP (Electrical & Mechanical Engineering)			13		
Certificate in Accounting & Business Studies			4	4	
Certificate in ICT					7
National Certificate in Secretarial Studies				6	23
National Craft Certificate in Auto Electrical				2	
National Craft Certificate in Auto Mechanics			7	11	18
National Craft Certificate in Bricklaying & Plastering			16	11	31
National Craft Certificate in Business			8		
National Craft Certificate in Carpentry & Joinery			13	7	36
National Craft Certificate in Electrical			16	10	19
National Craft Certificate in Instrumentation Mechanics			10	5	
National Craft Certificate in Maintenance Fitting			5	30	13
National Craft Certificate in Painting & Decorating			14	9	
National Craft Certificate in Plumbing & Pipe Fitting			20	39	
National Craft Certificate in Welding & Fabrication			6	8	8
TOTAL			**171**	**161**	**155**

Table B1.3.21: Selibe Phikwe Technical College

Programme Name	2013	2014	2015	2016	2017
Trade Test C Bricklaying & Plastering				9	
Trade Test C Electrical				27	
Trade Test C Furniture & Cabinet Marking				15	
Trade Test C Maintenance Fitting				13	
Trade Test C Welding & Fabrication				15	
Trade Test B Electrical				14	
Botswana Technical Education Programme in Business			40		
Botswana Technical Education Programme in Construction			16		
Botswana Technical Education Programme in ICT			23		17
Botswana Technical Education Programme in Electrical & Mechanical Engineering			20		
Botswana Technical Education Programme in Textile			6		
Certificate in Accounting & Business Studies			10	6	
National Certificate In Secretarial Studies				4	
National Craft Certificate Auto Electrics			8	1	
National Craft Certificate Auto Mechanics			9	7	
National Craft Certificate Dress Making				18	7
National Craft Certificate in Electrical			2	4	12
National Craft Certificate in Maintenance Fitting			9		9
National Craft Certificate in Painting & Decorating			14		1
National Craft Certificate Plumbing & Pipe Fitting			3		11
National Craft Certificate in Welding & Fabrication			1		10
TOTAL			**161**	**133**	**67**

Table B1.3.22: University of Botswana

Programme Name	2013	2014	2015	2016	2017
Certificate Programmes	12			3	
Diploma in Accounting & Business Studies	289	244	166	117	78
Diploma in Adult Education	5	43	37	21	2
Diploma in Archives & Records Management	27	25	11	10	12
Diploma in Defence and Strategic Studies	26	23	21	27	13
Diploma in Land Management	5	17	7		1
Diploma in Library & Information Studies	22	14	20	6	2
Diploma in Mineral Engineering			16	5	2
Diploma in Mining Engineering	25	22	15	16	
Diploma in NGO Management	2	4	3	2	
Diploma in Population Studies	15	6	3	6	3
Diploma in Social Work	22	15		8	1
Diploma in Statistics	11	7	6	5	4
Diploma in Water and Environmental Engineering					
Bachelor of Accountancy	119	116	126	98	111
Bachelor of Architecture	10	11	13	18	10
Bachelor of Arts (Chinese Studies)			8	11	18
Bachelor of Arts (Criminal Justice)	12	9	16	24	19
Bachelor of Arts (Economics)	19	20	20	18	
Bachelor of Arts (English)	2	2	7	4	
Bachelor of Arts (Environmental Science)	14	23	8	3	
Bachelor of Arts (Humanities)	403	283	356	178	151
Bachelor of Arts (Library & Information Studies)	8	2	23	4	6
Bachelor of Arts (Media Studies)	25	22	18	15	12

Table B1.3.22: University of Botswana Cont'd……………….

Programme Name	2013	2014	2015	2016	2017
Bachelor of Arts (Pastoral Studies)				2	2
Bachelor of Arts (Political Science)			1		
Bachelor of Arts (Psychology)	3	9		9	
Bachelor of Arts (Public Administration)	10	4	1	2	
Bachelor of Arts (Social Sciences)	211	225	222	201	193
Bachelor of Business Administration (Entrepreneurship & Enterprise Dev.)				9	17
Bachelor of Business Administration (Internal Business				2	25
Bachelor of Business Administration (logistic & Supply Management)				10	28
Bachelor of Business Administration (Management)	73	106	76	88	90
Bachelor of Business Administration (Marketing)	62	67	60	49	54
Bachelor of Business Administration (Tourism & Hospitality Management)	11	26	23	16	16
Bachelor of Design (Design & Technology)	18	8	32	30	8
Bachelor of Design (Industrial Design)	5	10	4	9	11
Bachelor of Education (Adult)	30	53	57	60	44
Bachelor of Education (Business)	10	8	53	24	15
Bachelor of Education (Counselling)	60	58	94	101	64
Bachelor of Education (Educational Management)	42	35	79	37	
B Education (Family & Consumer Sciences)	23	65	70	37	30
Bachelor of Education (Physical Education)	93	136	155	63	49
Bachelor of Education (Primary Education)	58	409	90	14	3
Bachelor of Education (Science)	52		42	38	28
Bachelor of Education (Secondary)	43	278	235	59	17
Bachelor of Education (Special)	28	109	158	119	45
Bachelor of Engineering (Civil)	19	24	28	35	31

Table B1.3.22: University of Botswana Cont'd……………….

Programme Name	2013	2014	2015	2016	2017
Bachelor of Engineering (Construction & Engineering Management)	15		13	18	24
Bachelor of Engineering (Electrical & Electronic Engineering)	19	11	15	21	32
Bachelor of Engineering (Industrial Engineering)			9	13	23
Bachelor of Engineering (Mechanical Engineering)	12	16	12	18	20
Bachelor of Engineering (Mineral Engineering)			11	10	12
Bachelor of Finance	43	78	69	65	70
Bachelor of Fine Arts (Theatre Arts)		25	22	15	7
Bachelor of Geomatics	16	32	21	16	13
Bachelor of Information Systems (Business Information Systems)	21		34	26	29
Bachelor of Information Systems (Computer Information Systems)	9	7	3	9	9
Bachelor of Information Systems (Information Management)	6	17	34	21	19
Bachelor in Land Management	9	3	12	9	8
Bachelor of Laws	66	85	68	94	65
Bachelor of Library & Information Studies	19	45	95	36	28
Bachelor of Media Studies	34	29	17	39	25
Bachelor of Medicine/Surgery		31	47	40	50
Bachelor of Nursing Science	54	58	79	65	52
Bachelor of Psychology					5
Bachelor of Science (Applied Geophysics)	6	6	7	12	8
Bachelor of Science (Biological Sciences)	25	19	14	25	
Bachelor of Science (Chemistry)	3	2	2	4	
Bachelor of Science (Computer Science)	12	18	28	10	14
Bachelor of Science (Computing with Finance)			15	13	20
Bachelor of Science (Environmental Health)	17		25	23	12

Table B1.3.22: University of Botswana Cont'd……………….

Programme Name	2013	2014	2015	2016	2017
Bachelor of Science (Environmental Science)	8	30	4	2	
Bachelor of Science (General)	41	36	29	31	98
Bachelor of Science (Geology)	28	25	19	38	
Bachelor of Science (Information Technology)			11	3	16
Bachelor of Science (Mathematics)	4	7	4	3	
Bachelor of Science (Medical Laboratory Sciences)	7			5	19
Bachelor of Science (Physics)	4	1	3	3	
Bachelor of Science (Physics with Meteorology)		2	8	12	10
Bachelor of Science (Radiation & Health Physics)		8	9	9	5
Bachelor of Science (Real Estate)				5	6
Bachelor of Science (Statistics)	2	7	4	2	1
Bachelor of Science (Urban & Regional Planning)	9	11	5	8	12
Bachelor of Urban & Regional Planning (MA Professional)	3				
Bachelor of Social Work	52	88	73	57	38
Master of Arts (African Languages & Literature)		1	4	1	1
Master of Arts (Archives & Records Management)	5	5	7	6	5
Master of Arts (Development Studies)	14	10	17	5	12
Master of Arts (Economics)	5	12	18	14	10
Master of Arts (English)	3	3	2	4	1
Master of Arts (History)	1	1			1
Master of Arts Politics & International relations					9
Master of Arts (Population Studies)	2	6	1	2	1
Master of Arts (Theology & Religious Studies)	1	2	3	1	3
Master of Arts (Statistics)	2	3	6	2	2

Table B1.3.22: University of Botswana Cont'd……………….

Programme Name	2013	2014	2015	2016	2017
Master of Arts Urban & Regional Planning					6
Master of Business Administration				18	17
Master of Defence & Strategic Studies	3	6	5	7	11
Master of Development Practice	2	1	1	5	5
Master of Education (Adult Education)		7	5	1	5
Master of Education (Counselling & Human Services)	16	3	23	10	2
Master of Education (Curriculum & Instruction)	6	7	3	1	3
Master of Education (Educational leadership & Management)	3	8	9	7	4
Master of Education (Gender Education)	2	2		6	1
Master of Education (Language Education)		1	3	2	2
Master of Education (Mathematics Education)	1	3		4	2
Master of Education (Mathematics & Science Education)			9		
Master of Education (Physical Education)	1		3		4
Master of Education (Primary Education)		1	2	1	7
Master of Education (Religious Education)					
Master of Education (Research & Evaluation)	8	6	15	6	5
Master of Education (Science Education)		1			
Master of Education (Social Studies)	1	1			
Master of Laws	2	1	1	1	2
Master of Library & Information Studies	2	3	5	5	3
Master of Medicine (Family Medicine)				1	5
Master of Medicine (Internal Medicine)			1	1	1
Master of Medicine (Paediatrics & Adolescent health)			1	2	2
Master of Medicine (Public Health)			1	3	

Table B1.3.22: University of Botswana Cont'd………………

Programme Name	2013	2014	2015	2016	2017
Master of Nursing (science)	3	10	7	7	8
Master of Politics & International Relations	18	7	6	12	
Master of Project Management	4	1	3	4	3
Master of Public Administration (Environmental Resource & Mgt)				1	1
Master of Public Administration (Local Government Management)		1			2
Master of Public Administration (Human Resource Management)	21	19	27	16	12
Doctor of Philosophy (Public Financial Management)				1	3
Master of Public Administration (Public Policy & Administration)	1	4	12	9	8
Master of Science (Applied Microbiology)	1	1	1		3
Master of Science (Chemistry)			5	4	6
Master of Science (Civil Engineering)					1
Master of Science (Computer Information Systems)	3	6	4	4	3
Master of Science (Computer Science)	1	4	2	1	3
Master of Science (Electrical & Electronic Engineering)	1	1	3		1
Master of Science (Environmental Science)	1	8		4	5
Master of Science (Hydrogeology)		3	1	4	4
Master of Science (Mathematics)	2	2	6	1	5
Master of Science (Mechanical Engineering)	1			1	5
Master of Science (Physics)	2	2			1
Master of Science (Physical Chemistry)		1			
Master of Social Work	4	6	10	5	13
Master of Philosophy (Biological Sciences)	1			1	2
Master of Philosophy Counselling and human services					1
Master of Philosophy (Engineering)	1				

Table B1.3.22: University of Botswana Cont'd………………

Programme Name	2013	2014	2015	2016	2017
Master of Philosophy (Natural Resource Management)	1	4	5	6	3
Doctor of Philosophy (Adult Education)				1	
Doctor of Philosophy (African Language & Literature)			1		
Doctor of Philosophy (Biological Science)		1		1	2
Doctor of Philosophy In Business (Marketing)			1	1	
Doctor of Philosophy in Chemistry	1	1	2	2	
Doctor of Philosophy Curriculum and Instruction					2
Doctor of Philosophy (Economics)				1	
Doctor of Philosophy Educational Management	1	3			
Doctor of Philosophy in Educational Technology			2	1	1
Doctor of Philosophy (Electrical & Electronic engineering)					1
Doctor of Philosophy in English	1				1
Doctor of Philosophy (Engineering)	1	1	1	1	
Doctor of Philosophy (Environmental Science)	1	1	1	2	
Doctor of Philosophy (Food and Nutrition)			1		
Doctor of Philosophy (Language Education)			1		
Doctor of Philosophy in Library and information Studies)			1	5	1
Doctor of Philosophy Mechanical Engineering	1	1			1
PhD Mathematics	1		2		1
Doctor of Philosophy Natural Resource Management	2		2	1	1
Doctor of Philosophy Physics	1	1			1
Doctor of Philosophy Physical Education			1		
Doctor of Philosophy (Population Studies)				1	
Doctor of Philosophy Social Work			1		1

Table B1.3.22: University of Botswana Cont'd……………….

Programme Name	2013	2014	2015	2016	2017
Doctor of Philosophy (Special Education)				3	1
Doctor of Philosophy Statistics	3		2		
Doctor of Philosophy (Research & Evaluation)		4		1	
Post Graduate Diploma in Education	199	169	290	351	266
Post Graduate Diploma in Statistics	1	1			
GRAND TOTAL	**2,837**	**3,600**	**3,791**	**2,962**	**2,470**

APPENDICES

APPENDIX 1: Public TEIs Registered with BQA as at March 2016

CATEGORIES	PRIVATE INSTITUTIONS
Private Universities	1. Ba Isago University 2. Botho University 3. Limkokwing University of Creative Technology
Other Private Institutions	4. ABM University College 5. AFDA Botswana 6. Assembly Bible College 7. Arthur Portland College 8. Boitekanelo College 9. Bosa Bosele Training Institute 10. Botswana Institute of Bankers 11. DDT Medical School 12. Flying Mission 13. Gaborone Academy of Education 14. Gaborone Institute of Professional Studies 15. Gaborone Universal College of Law 16. Imperial School of Business 17. Kgolagano College of Theological Education 18. MANCOSA 19. Mega Size College 20. New Era College of Arts & Technology
PUBLIC INSTITUTIONS	
Public Universities	1. University of Botswana 2. Botswana International University of Science and Technology 3. Botswana Open University 4. Botswana University of Agriculture and Natural Science
Colleges of Education	5. Tlokweng College of Education 6. Molepolole College of Education 7. Serowe College of Education 8. Tonota College of Education
Institute of Health Sciences	9. IHS - Lobatse 10. IHS - Gaborone 11. IHS - Molepolole 12. IHS - Francistown 13. IHS - Serowe 14. Bamalete Lutheran School of Nursing 15. Kanye SDA School of Nursing
Technical Colleges	16. Gaborone Technical College 17. Botswana College of Engineering & Technology 18. Francistown College of Technical & Vocational Education 19. Oodi College of Applied Arts & Sciences 20. Maun Technical College 21. Palapye Technical College 22. Selibe-Phikwe Technical College 23. Jwaneng Technical College

Other Colleges	24. Institute of Development Management
	25. Defence Command & Staff College
	26. Botswana Accountancy College
	27. Botswana Wildlife Training Institute
Public Brigades	28. Barolong Vocational Training Centre
	29. Bobonong Brigades Centre
	30. Boteti Brigades Centre
	31. Chobe Brigades Centre
	32. Gantsi Brigades Centre
	33. Gweta Brigades Centre
	34. Kang Brigades Centre
	35. Kanye Brigades Centre
	36. Kgatleng Development Centre
	37. Kweneng Bophirima Development Trust
	38. Kweneng Rural Development Association
	39. Lobatse Brigades Centre
	40. Madiba Brigades Centre
	41. Mahalapye Development Trust
	42. Marapong Development Trust
	43. Marobela Brigades Centre
	44. Matsheng Brigades Centre
	45. Mosetse Brigades Centre
	46. Moshupa Development Trust
	47. Naledi Brigades Centre
	48. Ngethu Brigades Centre
	49. Nkange Brigades Centre
	50. Nswazwi Brigades Centre
	51. Okavango Brigades Centre
	52. Ramatea Vocational Centre
	53. Senyawe Brigades Centre
	54. Serowe Brigades Centre
	55. Shashe Brigades Centre
	56. Shoshong Brigades Centre
	57. Tlokweng Brigades Centre
	58. Kgalagadi South Brigades Centre
	59. Tswapong Bokone Brigades
	60. Tshwaragano Brigades Centre
	61. Tswelelopele Brigades Centre
	62. Tutume Brigades Centre
	63. Zwenshambe Brigades Centre
Private Brigades	64. Bokamoso Trust
	65. Pudologong Development Trust

APPENDIX 2: TRANSFORMING FROM ISCED 1997 TO ISCED 2011

ISCED 1997	ISCED 2011	ISCED 2011 - LEVELS
ISCED 0	ISCED 01	Early Childhood Care and Education
	ISCED 02	Pre-Primary Education
ISCED 1	ISCED 1	Primary Education
ISCED 2	ISCED 2	Lower Secondary Education
ISCED 3	ISCED 3	Upper Secondary Education
ISCED 4	ISCED 4	Post-Secondary Non-Tertiary Education
ISCED 5	ISCED 5	Short- Cycle Tertiary Education
	ISCED 6	Bachelor Degree or Equivalent
	ISCED 7	Master's Degree or Equivalent
ISCED 6	ISCED 8	Doctoral Degree or Equivalent

APPENDIX 3: ISCED 2011 BROAD GROUPS AND FIELDS OF EDUCATION:

0 General Programmes

01 Basic programmes
Basic general programmes pre-primary, elementary, primary, secondary, etc.

08 Literacy and numeracy
Simple and functional literacy, numeracy.

09 Personal development
Enhancing personal skills, e.g. behavioural capacities, mental skills, personal organizational capacities, life orientation programmes.

1 Education

14 Teacher training and education science

Teacher training for pre-school, kindergarten, elementary school, vocational, practical, non-vocational subject, adult education, teacher trainers and for handicapped children. General and specialized teacher-training programmes.

Education science: curriculum development in non-vocational and vocational subjects. Educational assessment, testing and measurement, educational research, other education science.

2   Humanities and Arts

21   Arts

Fine arts: drawing, painting, sculpture;
Performing arts: music, drama, dance, circus;
Graphic and audio-visual arts: photography, cinematography, music production, radio and television production, printing and publishing
Design; craft skills.

22 Humanities Religion and theology:

Foreign languages and cultures: living or 'dead' languages and their literature, area studies;
Native languages: current or vernacular language and its literature;
Other humanities: interpretation and translation, linguistics, comparative literature, history, archaeology, philosophy, ethics.

3   Social Sciences, Business and Law

31   Social and behavioural science:

Economics, economic history, political science, sociology, demography, anthropology (except physical anthropology), ethnology, futurology, psychology, geography (except physical geography), peace and conflict studies, human rights.

32   Journalism and information:

Journalism; library technician and science; technicians in museums and similar repositories; Documentation techniques; Archival sciences.

34   Business and administration:

Retailing, marketing, sales, public relations, real estate; Finance, banking, insurance, investment analysis; Accounting, auditing, bookkeeping; Management, public administration, institutional administration, personnel administration; Secretarial and office work.

38 Law

Local magistrates, 'notaries', law (general, international, labour, maritime, etc.), jurisprudence, history of law.

4   Science

42 Life sciences:

Biology, botany, bacteriology, toxicology, microbiology, zoology, entomology, ornithology, genetics, biochemistry, biophysics, other allied sciences, excluding clinical and veterinary sciences.

44 Physical sciences:

Astronomy and space sciences, physics, other allied subjects, chemistry, other allied subjects, geology, geophysics, mineralogy, physical anthropology, physical

geography and other geosciences, meteorology and other atmospheric sciences including climatic research, marine science, volcanology, paleoecology.

46 Mathematics and statistics:
Mathematics, operations research, numerical analysis, actuarial science, statistics and other allied fields.

48 Computing:
Computer sciences: system design, computer programming, data processing, networks, operating systems – software development only (hardware development should be classified with the engineering fields).

5 Engineering, Manufacturing and Construction

52 Engineering and Engineering Trades:
Engineering drawing, mechanics, metal work, electricity, electronics, telecommunications, energy and chemical engineering, vehicle maintenance, surveying.

54 Manufacturing and processing:
Food and drink processing, textiles, clothes, footwear, leather, materials (wood, paper, plastic, glass, etc.), mining and extraction.

58 Architecture and building:
Architecture and town planning: structural architecture, landscape architecture, community planning, cartography;
Building, construction;
Civil engineering.

6 Agriculture

62 Agriculture, Forestry and Fishery:
Agriculture, crop and livestock production, agronomy, animal husbandry, horticulture and gardening, forestry and forest product techniques, natural parks, wildlife, fisheries, fishery science and technology.

64 Veterinary
Veterinary medicine, veterinary assisting.

7 Health and Welfare

72 Health
Medicine:
Anatomy, epidemiology, cytology, physiology, immunology and immunohematology, pathology, anaesthesiology, paediatrics, obstetrics and gynaecology, internal medicine, surgery, neurology, psychiatry, radiology, ophthalmology;

Medical services:
Public health services, hygiene, pharmacy, pharmacology, therapeutics, rehabilitation, prosthetics, optometry, nutrition;

Nursing: basic nursing, midwifery;

Dental services: Dental assisting, dental hygienist, dental laboratory technician, odontology.

76 Social services
Social care:
Care of the disabled, childcare, youth services, erotological services;
Social work: counselling, welfare not elsewhere classified (n.e.c.)

8 Services

81 Personal services:
Hotel and catering, travel and tourism, sports and leisure, hairdressing, beauty treatment, and other personal services: cleaning, laundry, dry-cleaning, cosmetic services, domestic science.

84 Transport services:
Seamanship, ship's officer, nautical science, air crew, air traffic control, railway operations, road motor vehicle operations, postal service.

85 Environmental protection:
Environmental conservation, control and protection, air and water pollution control, labour protection and security.

86 Security Services:
Protection of property and persons: police work and related law enforcement, criminology, fire-protection and firefighting, civil security; Military.

Not known or unspecified

(This category is not part of the classification itself but in data collection '99' is needed for 'fields of education not known or unspecified'.)

APPENDIX 4: Technical Description of Indicators

Indicator	Definition	Purpose	Data Requirement/Needs
Access Indicators			
1. **Gross Intake Rate**	Total number of new entrants in the first year of tertiary education, regardless of their age, expressed as a percentage of the population aged 18 years.	To indicate the general level of access to tertiary education.	• New entrants in the first year of tertiary education (or enrolment minus repeaters in the first year of tertiary); • Population of the official tertiary entrance age i.e. 18 years.
2. **Net Intake Rate**	New entrants in the first year of tertiary education who are of the official tertiary education-entrance age (18 years), expressed as a percentage of the population of the same age (18 years).	To precisely measure access to first year of tertiary education by the eligible population of tertiary entrance age (18 years)	• New entrants in the first year of tertiary education aged 18 years • Population of the official tertiary entrance age i.e. 18 years.
3. **Transition Rate**	The number of upper secondary school students admitted to the first year of a higher level (tvet and tertiary) of education in a given year t, expressed as a percentage of the number of students enrolled in the final grade of upper secondary education level in the previous year t-1.	To convey information on the degree of access or transition from one cycle or level of education to a higher one in this case from upper secondary to tertiary education.	• Enrolment in the final grade of upper secondary education level for school year t • New entrants to (or enrolment minus repeaters) the first year of tertiary level of education for year t+1.
Coverage			
1. **Age Specific Enrolment Rate**	Total number of a specific single age enrolled in a level of education, as a percentage of the population of the same age.	To show the extent of the educational participation of a specific ages.	• Enrolment by single years of age. • Population of the corresponding age

Indicator	Definition	Purpose	Data Requirement/Needs
Coverage cont'd			
2. **Gross Enrolment Rate**	Total enrolment in a specific level of education, in this case tertiary education, regardless of age, expressed as a percentage of the eligible official school-age population (18-24 years) corresponding to the same level of education in a given school year.	To show the general level of participation in a given level of education, in this case tertiary education. It indicates the capacity of the education system to enrol students of a particular age group in this case 18-24 years.	• Total enrolment for a given level of education. • Population of the age group corresponding to the specified level i.e. 18 -24 years.
3. **Net Enrolment Rate**	Enrolment of the official age group for a given level of education expressed as a percentage of the corresponding population. Age group 18-24 years.	To show the extent of coverage in a given level of education of youths belonging to the official age group corresponding to tertiary education in a given year t	• Enrolment by single years of age for a given level (tertiary) of education in a given year t. • Population of the age group corresponding to the given level of education population aged 18-24 years in a given year t
4. **Promotion Rate**	Proportion of enrolment in the previous year (t) promoted to the next year of study/level in the following school year (t+1)	To measure the performance of the education system in promoting students from year of study/level to level, and its effect on the internal efficiency of educational systems.	• Enrolment by year of study/level for school year t • Enrolment and number of repeaters by year of study/level for year t+1.
5. **Repetition Rate**	Proportion of students from a cohort enrolled in a given years of study/level at a given school year t, who study in the same level in the following school year t+1.	To measure the rate at which students repeat a level.	• Enrolment by level for school year t • Number of repeaters from the by level for year t+1.

Indicator	Definition	Purpose	Data Requirement/Needed
Coverage cont'd			
6. **Dropout Rate**	Proportion of students in a cohort enrolled in a given level at a given school year (t) who are no longer enrolled in the following school year (t+1).	To measure the phenomenon of students leaving school without completion, and its effect on the internal efficiency of educational systems. In addition, it is one of the key indicators for analysing and projecting students' flows from level to level within the tertiary educational cycle.	• Enrolment by level for school year t • Dropout by level for year t+1.
7. **Percentage of Female Teachers**	The number of female teachers at a given level of education expressed as a percentage of the total number of teachers (male and female) at the same level in a given school year.	To show the gender composition of the teaching force. It helps also in assessing the need for opportunities and/or incentives to encourage both women and men to participate in teaching activities at a given level of education.	• Number of teachers by gender
8. **Percentage Distribution of Students in Tertiary Education by ISCED Level**	Enrolment in tertiary education at each ISCED level as a percentage of total enrolment in tertiary education.	To show the distribution of tertiary students by ISCED levels. It also helps to understand the way in which degrees and qualification structures for tertiary education are organized within countries.	• Enrolment in tertiary education by ISCED level.

Indicator	Definition	Purpose	Data Requirement/Needed
Coverage cont'd			
9. **Percentage of Female Student in each ISCED Level of Tertiary Education**	Female enrolment in each tertiary education ISCED level as a percentage of total enrolment in the same ISCED level.	To assess gender disparity with regard to participation in different levels of tertiary education.	• Enrolment in tertiary education by ISCED level and by gender
10. **Percentage Distribution of Students in Tertiary Education by ISCED Fields of Education.**	Enrolment in each ISCED field of education at the tertiary level, expressed as a percentage of the total enrolment in tertiary education	To gauge the level of development of tertiary education in terms of the range of fields offered, the capacity in each field as well as student preferences, thus reflecting both the potential demand and supply of qualified human resources in different specializations.	• Enrolment in tertiary education by field of education.
Efficiency			
1. **Percentage Distribution of Graduates By ISCED Fields of Education at the Tertiary Level**	The number of graduates from each ISCED field of education in tertiary education, expressed as a percentage of the total number of graduates in tertiary education	To show the distribution of tertiary graduates over different fields of education. It also reflects the development of tertiary education in terms of the range of fields offered as well as the supply of qualified human resources in different specializations.	• Graduates in tertiary education by field of education
2. **School Life Expectancy**	The total number of years of schooling which a child of a certain age can expect to receive in the future, assuming that the probability of his or her being enrolled in school at any particular age is equal to the current enrolment ratio for that age.	To show the overall level of development of an educational system in terms of the average number of years of schooling that the education system offers to the eligible population.	• Enrolment by age and of age unknown at all levels of education; • population by single years of age; • **OR,** alternatively, the age-specific enrolment ratios for all levels of education.