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TERTIARY
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STATISTICS BOTSWANA

TERTIARY EDUCATION STATISTICS 2021

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FOREWORD

This publication is the seventh annual series of the Tertiary Education Statistics Reports since the first publication in 2015. I am happy that over the past seven years the contents of this report have improved substantially. The 2021 report provides a comprehensive source of national tertiary education statistics and indicators. I am happy to announce that this publication is made available, free of charge from our offices and on our website www.hrdc.org.bw

The Report provides reliable information and data on the current tertiary education landscape which is accessible to policy makers, students and researchers globally. It presents performance of different indicators such as tertiary enrolments, participation rates and graduates. Furthermore, it presents data for the analysis of performance of the Sustainable Development Goal (SDG) 4: indicators (4.3.2 and 4.3.3). The types of programmes offered by different institutions and the list of registered and accredited tertiary education institutions are included as part of references.

It is our belief that official statistics is a public good and a basis for a knowledge based economy. Our aim therefore is to provide essential tertiary statistical information to enable well informed decisions pertaining to the human resource development of Botswana. The Council acknowledges the cooperation extended by the tertiary education institutions and other stakeholders, notably Statistics Botswana for providing the standard and quality assurance of the indicators contained therein.

Wishing you a joyful reading,

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Mr. Meshack TAFA
Chief Executive Officer (Ag)
Human Resource Development Council
November 2022

PREFACE

The seventh Tertiary Education Statistics Report of 2021 is produced through the collaboration of Statistics Botswana (SB) and Human Resource Development Council (HRDC). In the production of this tertiary education report, Statistics Botswana is mandated to provide technical advice and quality assurance as guided by the Botswana Data Quality Assurance Frame Work procedures and processes. This has as expected been done for this tertiary education report.

Tertiary Education Statistics report is produced purposively to provide and ensure that there is sufficient timely data and information for the Human Resource Development Council's key stakeholders and other local and international stakeholders for use in decision making, planning as well as assessing and monitoring the implementation of key policies and programmes which are geared towards developing relevant and globally competitive human resource for Botswana. Furthermore, the statistics produced provide indications on the level of development on tertiary in terms of the range in education fields/programmes offered, the institutional capacities, the tertiary education outputs such as graduates by fields of education, thus reflecting the potential supply of trained and qualified human resources in different spaces of specialisation.

Statistics Botswana joins the Human Resource Development Council in recognising all the stakeholders both public and private for their significant towards the production of this report through provision of the required data.

It is our hope that the users will find this report relevant and beneficial.

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Dr Burton Mguni
Statistician General
Statistics Botswana
November 2022

Table of Contents

List of Figures

List of tables

Acronyms

BEC	Botswana Examination Council
BGCSE	Botswana General Certificate of Secondary Education
BOU	Botswana Open University
DTEF	Department of Tertiary Education Financing
GPI	Gender Parity Index
GER	Gross Enrolment Ratio
HEI	Higher Education Institution(s)
HRDC	Human Resource Development Council
IHS	Institute of Health Sciences
ISCED	International Standard Classification of Education
NER	Net Enrolment Ratio
OECD	Organisation for Economic Co-operation and Development
STEM	Science Technology, Engineering and Mathematics
TVET	Technical and Vocational Education & Training
TEI	Tertiary Education Institution(s)
UIS	UNESCO Institute of Statistics
UNESCO	United Nations Educational Scientific and Cultural Organisation
VTC	Vocational Training Centre

Definition of terms

A **full-time student i**s someone who is enrolled in an education programme whose intended study load amounts to at least 75% of the normal full-time annual study load.

A **part-time student** is someone who is enrolled in an education programme whose intended study load is less than 75% of the normal full-time annual study load.

First-time entrants into tertiary education are students who are enrolling in tertiary education for the first time, without previous education at any other tertiary level. They may enter tertiary education at different levels through short-cycle tertiary (ISCED 5) or bachelor's (ISCED 6).

Gross Enrolment Ratio is the number of students enrolled in a level of education, whether or not they belong in the relevant age group for that level, as a percentage of the population in the relevant age group for that level. Estimates are based on the UNESCO's classification of education levels.

Inbound students are students who left their country of origin and moved to another country for the purpose of study.

Other private entities include private businesses and non-profit organisations (e.g. religious organisations, charitable organisations, business and labour associations, and other non-profit organisations).

Net Enrolment Ratio is the number of students enrolled in a level of education who belong in the relevant age group, as a percentage of the population in the age group.

Research and development includes research performed at universities and other tertiary educational institutions, regardless of whether the research is financed from general institutional funds or through separate grants or contracts from public or private sponsors

Tertiary Education -a programme which is offered beyond the level of senior secondary education, including technical and vocational education and training (TVET) and such programmes with a set with a set theoretical foundation, through to advanced research qualifications.

Tertiary Education Institution - a public or private post-secondary education and training institution including a university.

Vocational Education and Training (VET) programmes- prepare participants for direct entry into specific occupations without further training. Successful completion of such programmes leads to a vocational or technical qualification that is relevant to the labour market.

Executive Summary

This 2021 Tertiary Education Statistics Report gives the education landscape and a snapshot of indicators for all formal post-secondary education, including public and private universities, colleges, technical training institutes, and vocational schools. These Tertiary Education Institutions (TEIs) enrol students to study for different programmes annually mainly to provide them with qualifications, and also with adequate and relevant job skills to enter the labour market, thus making the tertiary education indicators beneficial to policy makers on both the supply and the demand side. The report's focus was on TEIs whose accreditation was valid as of 1st October 2020 and provides comprehensive statistics and indicators for the academic year ending 31st May 2021. The report presents the following key highlights:

- In 2021, a total of 61,157 students were enrolled and studying for different tertiary qualifications in local institutions: 54,329 were enrolled in Higher Education Institutions and 6,816 enrolled in Vocational Education Institutions. Among the factors influencing enrolment at TEIs, sex of the student tends to influence the programme of choice as females were more likely to enrol in higher education institutions than in Technical Vocational Education and Training (TVET) institutions and the Brigades. In general, females make up 58 percent (35,317) of the total 2021 tertiary enrolment.

- Majority of the enrolments (24,673) were in public universities: Botswana International University of Science and Technology (BIUST), Botswana Open University (BOU), Botswana University of Agriculture and Natural Resources (BUAN) and University of Botswana (UB). The UB was the only institution with more than 10,000 students. In spite of a higher number of accredited public tertiary institutions, the four public Colleges of Education and the six public Institute of Health Sciences recorded an enrolment of 1,546 and 1,074 respectively. Considering that these institutions had previously enrolled larger numbers than they did in 2021, it is quite possible that there is underutilisation of learning space and other resources in such institutions.

- Ninety (90) percent of the students were enrolled at undergraduate level. However, there was an increase in postgraduate enrolment from 2,479 in 2020 to 2,922 in 2022, notably the Doctor of Philosophy enrolment increased from 151 to 217. Despite female strong participation in higher education, their share decreases with higher levels of tertiary education: in 2021 females made up only 36 percent of the doctoral degree enrolment.

- The Business, Administration and Law field of education had the highest concentration of students constituting 29 percent of the total student population. The Science Technology, Engineering and Mathematics (STEM) cumulatively accounted for 32 percent of the total enrolment. Women were also less likely than men to enter a STEM field of study, although their share has increased slightly between 2015 to date.

- Foreign students accounted for 2.2 percent (1,327) of the total enrolment and highest share came from the SADC neighbouring countries. A total of 59 foreign students were enrolled for doctoral degree.

- The 2021 Gross Enrolment Ratio was 21.0, a slight increase of 1.5 from the previous academic year. If the current pattern continues, it is expected that less than a quarter of the tertiary age population are likely to be enrolled in the next four years.

- A total of 11,859 students graduated from Botswana's tertiary education institutions. This was a decrease of 104 graduates from the previous academic year. The 2021 graduation rate stood at 81.6 percent.

- About a quarter of upper secondary graduates transited to tertiary institution in 2021. Furthermore a total of 9,458 (17.4%) students were registered as first-time entrants into tertiary education for the academic year 2020/21.

- The public sector through the Department of Tertiary Education Financing (DTEF) is the main sponsor (67%) of tertiary education students. The share of private funding and other private entities is generally low despite the influx of private provision of education at tertiary level.

- A gender gap exist between teachers employed at tertiary level. Male teachers made up about 58 percent as compared to 42 percent of females. However factors attracting male teachers to the profession were unknown and further research on the issue is recommended.

Introduction

Section 4 part 2 (f) of the Human Resource Development Council (HRDC) Act of 2013 requires the HRDC to establish and manage a national labour market information system and the national education and skills database. In pursuance of this mandate, HRDC conducts the tertiary education institutional census and produce reports on an annual basis. The 2021 Tertiary Education Statistics Report is the seventh publication and presents the state of tertiary education in Botswana as at May 2021. The report is informed by statistical data collected from tertiary education institutions annually, together with supplementary data from Botswana Examinations Council and Statistics Botswana. It is geared towards the implementation of Council's strategic plan objective of coordinating the production of education and labour market indicators. It presents real time statistics, data and indicators on the tertiary education landscape and plays a pivotal role in providing baseline data for planning and evidence based decision making for the education sector. Objectives of the report

The objectives of the 2021 report are to:
1) Produce the 2021 tertiary education indicators
2) Provide baseline statistics
3) Support monitoring and implementation of sector projects

Context of the Report

The 2021 tertiary education statistics report offers a comprehensive and up-to-date array of indicators that monitors performance of tertiary education. The indicators presented in this year's edition provides information on access, participation and progression through education, as well as the outcomes of education across a number of equity dimensions such as sex, country of origin and subnational regions. The report presents transition rate from upper secondary to Tertiary Education Institutions (TEIs), the total number of students disaggregated by programmes of study qualifications, age and sex among others. Furthermore, it presents the enrolment ratios and their trends from 2009 to date and gives a snapshot on the participation of tertiary education students from other countries coming to study in local tertiary institutions.

The report highlights the tertiary education indicators as outlined in the United Nations Educational Scientific and Cultural Organisation (UNESCO) technical guide. . Nonetheless, there has been a number of challenges which limit reporting on certain indicators. Furthermore, variations exists in data management systems of different institutions; ranging from complex and sophisticate systems to manual. Data collection from institutions is not yet automated and hence makes collection and analysis to be laborious. Notwithstanding the above, the quality of data have remained satisfactory over the years.

Methodology

Scope

The tertiary education institutional census covered a total of 44 Tertiary Education Institutions; 40 Higher Education Institutions (HEIs) and four technical colleges under the Ministry of Education and Skills Development (MOESD) and 36 vocational training institutions made of 32 Brigades and four Vocational Training Centres (VTC). Data collection excluded data on short courses with the duration of up to six months. The data collection instrument comprised of a fourteen paged Microsoft excel template. TEIs were required to complete the templates from 1st of October 2020 to the 31st of March 2021. Other administrative records were sourced from key stakeholders such as Statistics Botswana, Botswana Examination Council (BEC) and the 2020 budget speech.

Approach/Method

TEIs were primary source of information on student and staff. Other supporting information used was from secondary sources and included a total number of students who sat for the Botswana General Certificate of Secondary Education (BGCSE) from the BEC and projected population aged 18-24 by Statistics Botswana.

Response Rate

The response rate from tertiary education institutions with respect to census is as per table 1 below;

Table 1: Tertiary Education Census response rate

Public Institutions			Private Institutions	
HEIs	Technical Colleges	VTC	HEIs	TVET
20(100%)	4(100%)	36 (100%)	20(100%)	-

Source: Tertiary Education Institutions

Limitations

The following challenges were encountered during data collection and analysis:
   1) Training of new focal persons
   2) Late submission beyond the reference period
   3) Data gaps/incomplete submission
   4) Data inconsistency
   5) Data migration from ISCED[1] 2011 to 2013

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[1] International Standard Classification of Education

THE OUTPUT FROM UPPER SECONDARY EDUCATION

Indicator A₁

Transition

Transition from Basic to Tertiary Education

Pathways through education can be diverse from country to another. Different systems are put in place to ensure that students have suitable opportunities to attain adequate levels of education in order to progress through to other different levels of an educational system. In Botswana, the traditional route of entering tertiary education is the successful completion of the highest basic education level (senior/upper secondary school), through a syllabus- based assessment called Botswana General Certificate of Secondary Education and other equivalent assessments.

By end of academic year 2019 a total of 36,508 candidates sat for the BGCSE examination of which majority 21,130 (57.6 %) were from Government schools, 8,680 (23.8 %) from Botswana Open University (BOU), 3,976 (10.9 %) BEC Centres and 2,722 (7.7%) from Private schools. The following table presents the total number of students who sat for the BGCSE (and/or its equivalent) in the respective years.

Table 2: The total number of students who sat for the BGCSE 2016-2020

Year	Government Schools Candidates	Private Schools Candidates	BEC Centre Candidates	BOU Centres	Total Number of Candidates
2020	22,141	1,660	2,815	9,941	36,557
2019	21,130	2,722	3,976	8,680	36,508
2018	23,126	1,670	5,494	5,655	35,495
2017	25,802	1,794	5,473	4,182	37,251
2016	25,016	3,785	6,664	-	35,465

Source: Botswana Examinations Council: 2020 BGCSE Provisional Report Final 02 March 2021 (bec.co.bw)

	First-time entrants into tertiary education
Indicator A₂	First-time entrants into tertiary education refers to the new students admitted into tertiary education for the very first time in a given year. The level at which students first enter tertiary education depends on the upper secondary programme they graduated from. In Botswana entry into tertiary education can be at ISCED 4, 5 or 6.
	A total of 9,458[2] (17.4%) students were registered as first-time entrants into tertiary education for the academic year 2020/21. Further analysis indicated that the majority (44%) enrolled with the University of Botswana while the remaining

was distributed among all other institutions. Figure 1 below shows the trends of new entrants for the 2020/21.

Figure 1: New Entrants trends 2014-2021

Source: Higher Education Institutions 2015-2021

Transition Rate

Using the first time entrants and the 2019 total number of BGCSE candidates (36,508) to calculate the transition rate, the data shows that only 25.9 percent of the BGCSE candidates managed to transit to tertiary education in 2020. This is a decrease of 8.3 percent from the 2019/20 transition rate which stood at 34.2 percent.

[2] Excludes intake for all post graduate programmes
Note 1: Excludes outbound students
Note 2: Calculated only for new intake in HEIs

ACCESS AND PARTICIPATION IN TERTIARY EDUCATION

Participation in tertiary education

During the 2020/21 academic year, a total of 61,157 students were enrolled in tertiary studies in Botswana. Figure 2 is the distribution of the tertiary enrolment by type of institution.

Figure 2: 2021 Tertiary enrolment by type of institution

Legend:
- Brigades
- Colleges of Education
- Institute of Health Sciences
- Private Institutions
- Private Universities
- Public Institutions
- Public Universities
- Technical Colleges
- Vocatinal Training Centres

24673, 40%
7470, 12%
8395, 14%
9184, 15%
5321, 9%
1999, 3%
1074, 2%
1546, 3%
1495, 2%
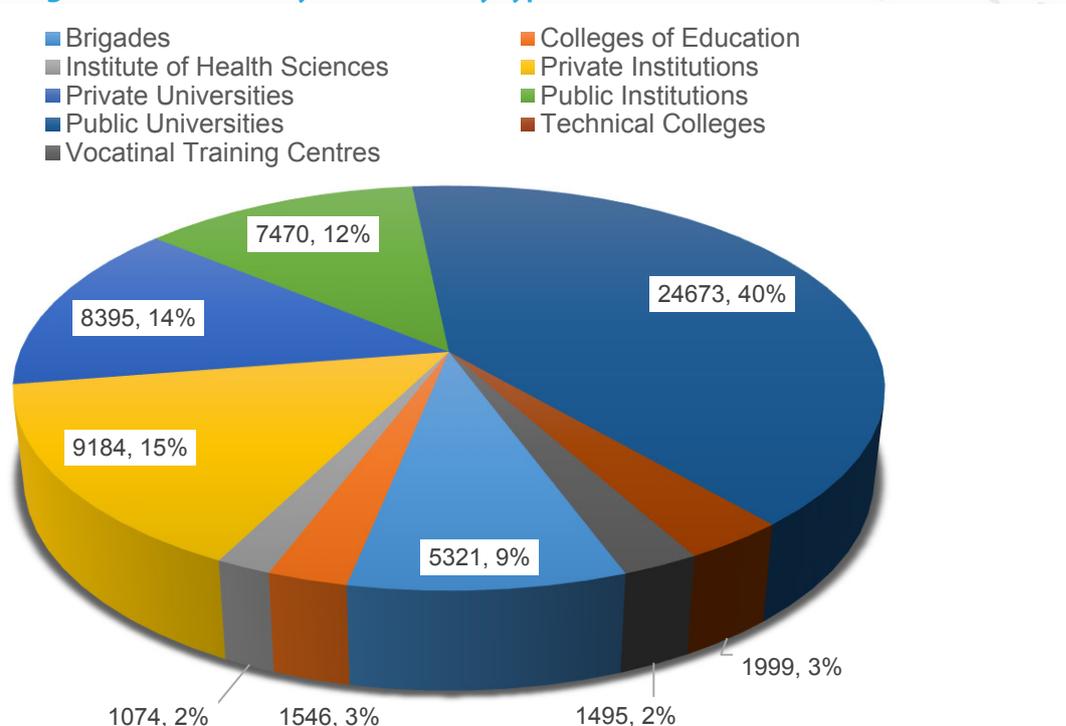
Source: Tertiary Education Institutions 2021

Figure 2 shows that the majority of students, 24,673 (40%) were in public universities. The Institute of Health Sciences (IHS) and the four Vocational Training Centres (VTCs) were the least and each accounted for two percent only. In summary, the distribution as per figure 2 shows that the public tertiary institutions attracted the majority of students, accounting for 71.0 percent of total enrolment in 2020/21.

Tertiary Enrolments Trends

Botswana's tertiary education statistics trend indicate that tertiary enrolments were quite inconsistent. Available information shows that tertiary enrolments had relatively been increasing over the past ten years and recorded the highest of 60,583 in 2014/15 academic year with the lowest of 37,859 during the 2010/11.

From the 61,157[3] students that were enrolled, there was an increase of 7.9 percent (4,491) from the previous academic year which had an enrolment of 56,666[4] students. Figure 3 shows the tertiary education enrolment trend from academic years 2009/20 to 2020/21.

Figure 3: Tertiary Enrolment trend 2009-2021
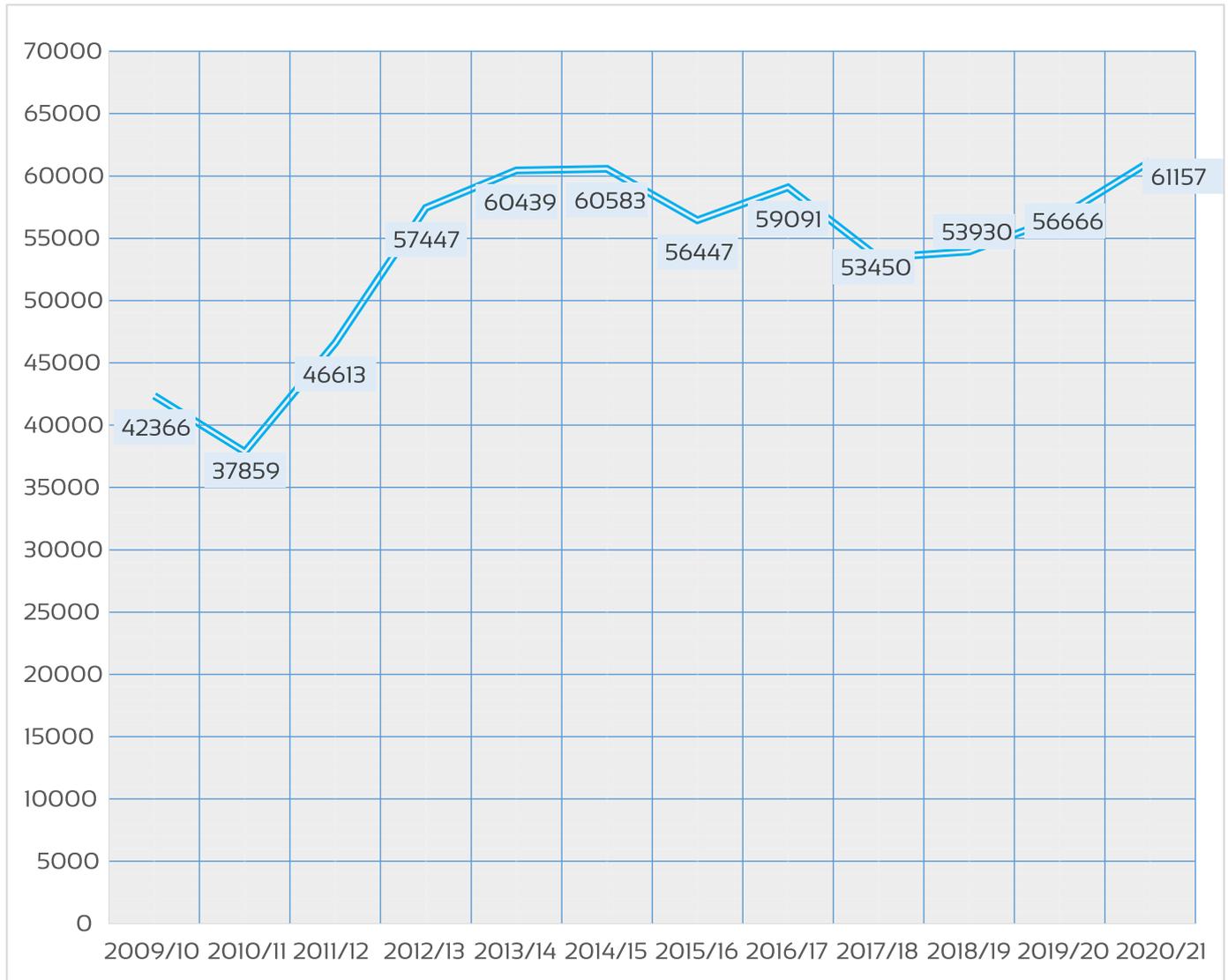
Source: Tertiary Education Institutions 2021 & 2020 Tertiary Education Statistics report

Tertiary Enrolment Trend-disaggregated in to private and public

Over the past two decades, the number of private institutions has increased to meet the growing demand for enrolment in tertiary education and students had the possibility to choose between enrolling in public or private institutions. Figure 4 summarises the enrolment trends by institution type.

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[3] Data includes enrolment from HEIs (54,341) and VTCs & Brigades (6,816).
[4] 2019/20 data was collected from HEIs only (56,666).

Figure 4: Tertiary Enrolment trends by type of Institution 2013-2021
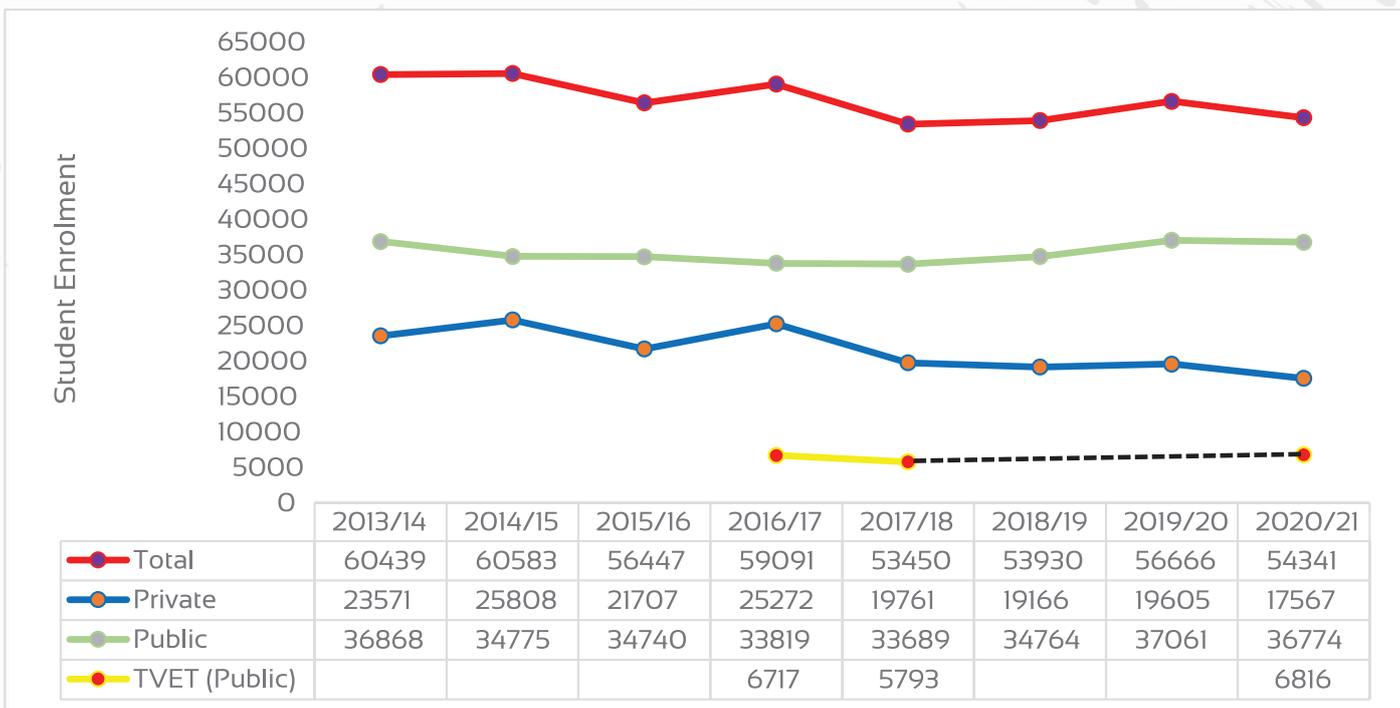
	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
Total	60439	60583	56447	59091	53450	53930	56666	54341
Private	23571	25808	21707	25272	19761	19166	19605	17567
Public	36868	34775	34740	33819	33689	34764	37061	36774
TVET (Public)				6717	5793			6816

Source: Tertiary Education Institutions 2021 & 2020 Tertiary Education Statistics report

Key Highlights

- Total enrolment for HEIs dropped from 56,666 in 2019/20 to 54,341
- Enrolment in Private Institutions dropped by 2,038 Students
- Enrolment in Public Institutions dropped by 287 students
- Vocational Training Centres and Brigades institutions enrolled 6,816 students.

Gender Parity Index for Tertiary Enrolment

Gender parity index (GPI) for tertiary enrolment is the ratio of women to men enrolled at tertiary level in public and private tertiary education institutions. A GPI of less than 1 indicates women are more disadvantaged than men in learning opportunities and a GPI of greater than 1 suggests otherwise. .

Table 3: GPI in student enrolment for Botswana from 2015-2021

Academic Year	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
GPI HEIs	1.4	1.3	1.4	1.5	1.6	1.5
GPI TVET Institutions		0.6	0.7			0.5

Source: Tertiary Education Institutions

From a gender perspective, women are more likely than men to access higher education institutions in Botswana. Table 3 shows that this gender gap in favour of women has widened between 2017 and 2020. On the other hand, the Vocational Institutions were dominated by males.

Tertiary Enrolment by Type of Institution

Table 4: 2021 Tertiary Enrolment by Type of Institution

Type of Institution	Female	Male	Total	% Female
Private Institutions	5,571	3,613	9,184	60.7
Private Universities	4,635	3,760	8,395	55.2
Colleges of Education	1,059	487	1,546	68.5
Institute of Health Sciences	715	359	1,074	66.6
Technical Colleges	904	1,095	1,999	45.2
Public Institutions	4,730	2,740	7,470	63.2
Public Universities	15,346	9,327	24,673	62.2
Brigades	1,800	3,521	5,321	33.8
Vocational Training Institutions	557	938	1,495	37.3
Total	35,317	25,840	61,157	57.7

Source: Tertiary Education Institutions

Majority of the students (24,673) were enrolled in public universities which is made up of Botswana International University of Science and Technology (BIUST), Botswana Open University (BOU), Botswana University of Agriculture and Natural Resources (BUAN), and University of Botswana (UB). The lowest enrolment, (1,074) was recorded at the six public Institute of Health Sciences. Female enrolment was 35,317 and accounted for almost 58 percent of the total enrolment. A relatively higher share of female enrolment than male enrolment was observed across all the different types of institutions except for the TVET institutions (Table 4).

Enrolment by Type of Qualification

Table 5: 2021 Tertiary Enrolment by Qualification

Level	Female	Male	Total	% Female
Trade Test C	2,000	4,048	6,048	33.1
Trade Test B	15	79	94	16.0
Certificate[5]	1,645	1,189	2,834	58.1
Diploma[6]	8,723	3,996	12,719	68.6
Bachelor's Degree	20,818	14,848	35,666	58.4
Post Graduate Diploma	116	96	212	54.7
Master's Degree	1,507	1,198	2,705	55.7
Doctor of Philosophy	78	139	217	35.9
Professional Qualifications	411	239	650	63.2
Other[7]	4	8	12	33.3
Total	35,317	25,840	61,157	57.7

Source: Tertiary Education Institutions

[5] Include Certificate, Advanced Certificate, post graduate certificate and National Craft Certificate (NCC)
[6] Diploma programmes are diploma, Advanced Diploma, Post Basic Diploma and Associate Degree
[7] Exchange programmes for international students with Botho University, Botswana Accountancy College and University of Botswana,

A total of 57,361 were enrolled at under graduate level. There has been an increase in the number of students enrolled at PHD level, i.e from 151 students in 2019/20 academic year to 217 in 2020/21.

Enrolment by Level of Qualification and Institution Type (HEIs)

Table 6: 2021 Tertiary Enrolment by Qualification and Institution (HEIs)

Institution	Certificate	Diploma	Bachelors	Masters	PhD	Prof	Total
Colleges of Education		1,546					1,546
Institute of Health Sciences		1,074					1,074
Private Institutions	685	2,289	6,058	12		140	9,184
Private Universities	124	1,091	6,917	152		99	8,383
Public Institutions	347	992	5,609	111		411	7,470
Public Universities	152	4,792	17,082	2,430		217	24,673
Technical Colleges	852	1,147					1,999
TOTAL	2,160	12,931	35,666	2,705	217	650	54,329

Source: Higher Education Institutions 2021

Enrolment by Level of Qualification and Institution Type (TVET Institutions)

Table 7: Tertiary Enrolment by Qualification and Institution (TVET)

Institution	Trade Test C	Trade Test B	Certificate	Total
Brigades	4,721	94	506	5,321
Vocational Training Centres	1,327		168	1,495
TOTAL	6,048	94	674	6,816

Source: Technical Vocational Education and Training Institutions 2021

Enrolment by ISCED field of Education

The enrolments were classified in accordance with the ISCED 2013, an approach where subjects are grouped together to form the broad, narrow fields of classification, based on the similarity of the subject matter (UNESCO, 2014, p.6). ISCED classify education programmes and their related qualifications by fields of education and training on the basis of the content of the programme. Figure 5 summarises the tertiary enrolment by ISCED field of education.

Figure 5: 2021 Student Enrolment by ISCED Field of Education

Legend:
- Education
- Arts & Humanities
- Social Sciences, Journalism & Information
- Business, Administration & Law
- Natural Sciences, Mathematics & Statistics
- Information & Communication Technologies
- Engineering, Manufacturing & Construction
- Agriculture, Forestry, Fisheries & Veterinary
- Health & Welfare
- Services
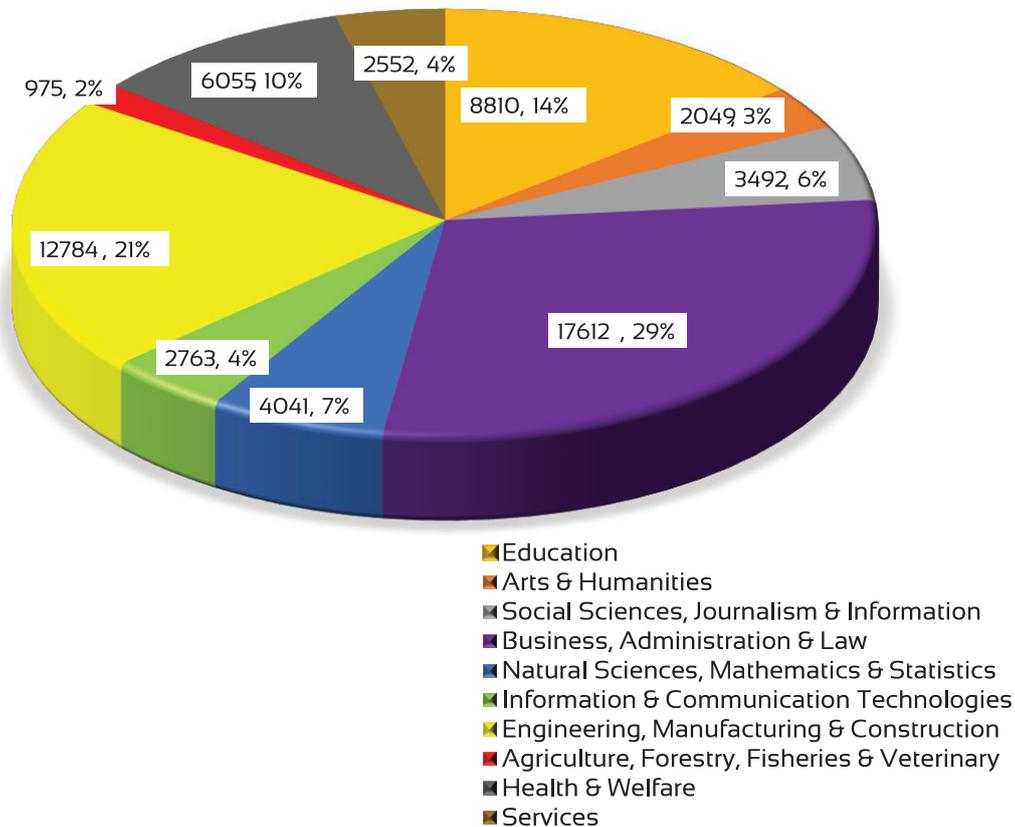
Source: Tertiary Education Institutions 2021

Key highlights

- The Business, Administration and Law field of education had the highest concentration of students constituting 29 percent of the total student population.

- Engineering, Manufacturing & Construction is the second largest with 21 percent

- Science Technology, Engineering and Mathematics (STEM[8]) accounted for 32 percent of the total enrolment.

- Agriculture, Forestry, Fisheries & Veterinary stream was the lowest with two percent.

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[8] STEM Streams (Engineering, Manufacturing & Construction, Information & Communication Technologies and Natural Sciences, Mathematics & Statistics).

Table 8 below shows the total number of students enrolled by qualification and broad standard fields of education.

Table 8: 2021 Tertiary Enrolment by Field of Education and Qualification

	Trade Test C	Trade Test B	Certificate	Diploma	Bachelors	Masters	PHD	Prof	Total
Agriculture, Forestry, Fisheries & Veterinary	316			106	514	26	13		975
Arts & Humanities			28	249	1,722	39	11		2,049
Business, Administration & Law			939	3,561	11,650	802	10	650	17,612
Education			207	4,916	3,128	551	8		8,810
Engineering, Manufacturing & Construction	5,715	94	772	1,677	4,293	195	38		12,784
Health and Welfare			190	1,655	3,922	279	9		6,055
Information & Communication Technologies			223	86	2,335	105	14		2,763
Natural Sciences, Mathematics & Statistics			82	139	3,387	325	108		4,041
Services	17		347	334	1,758	96			2,552
Social Sciences, Journalism & Information			46	208	2,957	275	6		3,492
Unclassified ISCED Code 99			24						24
Total	**6,048**	**94**	**2,858**	**12,931**	**35,666**	**2,693**	**217**	**650**	**61,157**

Source: Tertiary Education Institutions 2021

Enrolment by Sex and ISCED Fields of Education

Figure 6: 2021 Tertiary Enrolment by Sex and ISCED fields of Education
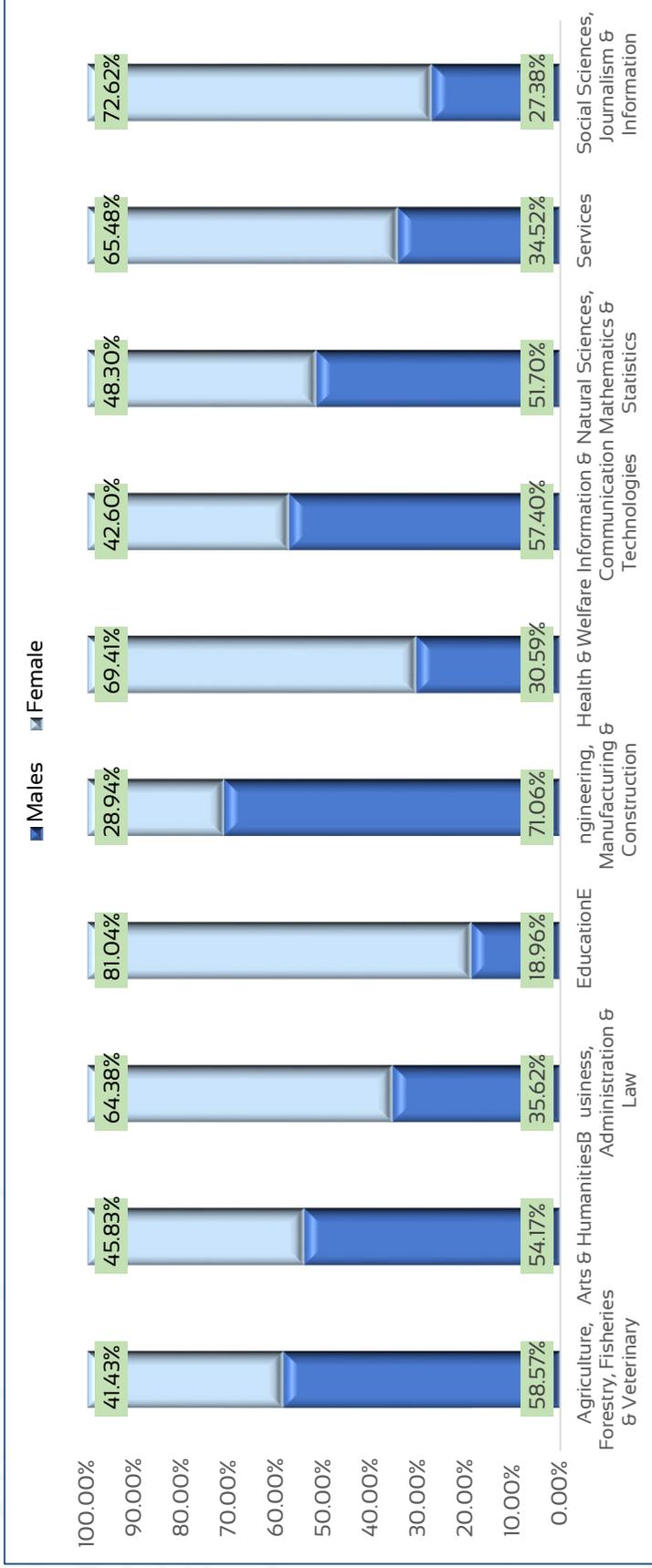
Source: Tertiary Education Institutions 2021

The aggregate data mask important gender disparities within the fields of study: women dominate in education, social sciences and in health and welfare. This gender pattern was also revealed in the Organisation for Economic Co-operation and Development (OECD) indicator where most countries indicated that women dominated in health and welfare, but were under-represented in the broad field of science, technology, engineering and mathematics (OECD, 2019, p.6)

Student enrolment by Sex, ISCED Fields of Education and type of Institution

Table 9: 2021 Enrolment by Sex, ISCED Fields of Education and type of Institution

Type	ISCED Broad Group	Female	Male	Total	% Female
Colleges of Education	Agriculture, Forestry, Fisheries & Veterinary				
	Arts & Humanities				
	Business, Administration & Law				
	Education	1,059	487	1,546	68.5
	Engineering, Manufacturing & Construction				
	Health and Welfare				
	Information & Communication Technologies				
	Natural Sciences, Mathematics & Statistics				
	Services				
	Social Sciences, Journalism & Information				
	Total	1,059	487	1,546	68.5
Institute of Health Sciences	Agriculture, Forestry, Fisheries & Veterinary				
	Arts & Humanities				
	Business, Administration & Law				
	Education				
	Engineering, Manufacturing & Construction				
	Health and Welfare	715	359	1,074	66.6
	Information & Communication Technologies				
	Natural Sciences, Mathematics & Statistics				
	Services				
	Social Sciences, Journalism & Information				
	Total	715	359	1,074	66.6

Type	ISCED Broad Group	Female	Male	Total	% Female
Private Institutions	Agriculture, Forestry, Fisheries & Veterinary				
	Arts & Humanities	158	154	312	50.6
	Business, Administration & Law	1,713	926	2,639	64.9
	Education	719	46	765	94.0
	Engineering, Manufacturing & Construction	382	1,282	1,664	23.0
	Health and Welfare	1,256	544	1,800	69.8
	Information & Communication Technologies	2	1	3	66.7
	Natural Sciences, Mathematics & Statistics				
	Services	1,341	644	1,985	67.6
	Social Sciences, Journalism & Information		16	16	0.0
	Total	5,571	3,613	9,184	60.7
Private Universities	Agriculture, Forestry, Fisheries & Veterinary				
	Arts & Humanities	575	721	1,296	44.4
	Business, Administration & Law	2,240	1,360	3,600	62.2
	Education	324	81	405	80.0
	Engineering, Manufacturing & Construction	487	657	1,144	42.6
	Health and Welfare				
	Information & Communication Technologies	620	739	1,359	45.6
	Natural Sciences, Mathematics & Statistics	1		1	100.0
	Services				
	Social Sciences, Journalism & Information	384	194	578	66.4
	Total	4,635	3,760	8,395	55.2

Type	ISCED Broad Group	Female	Male	Total	% Female
Public Institutions	Agriculture, Forestry, Fisheries & Veterinary				
	Business, Administration & Law	2,555	1,667	4,222	60.5
	Education	309	28	337	91.7
	Engineering, Manufacturing & Construction	97	303	400	24.3
	Health and Welfare	1,087	373	1,460	74.5
	Information & Communication Technologies	89	182	271	32.8
	Natural Sciences, Mathematics & Statistics				
	Services	74	33	107	69.2
	Social Sciences, Journalism & Information	519	154	673	77.1
	Total	4,730	2,740	7,470	63.3
Public Universities	Agriculture, Forestry, Fisheries & Veterinary	273	386	659	41.4
	Arts & Humanities	189	201	390	48.5
	Business, Administration & Law	4,463	2,181	6,644	67.2
	Education	4,702	1,013	5,715	82.3
	Engineering, Manufacturing & Construction	704	1,788	2,492	28.3
	Health and Welfare	1,145	576	1,721	66.5
	Information & Communication Technologies	348	499	847	41.1
	Natural Sciences, Mathematics & Statistics		1,871	1,979	3,850
	Services	12	106	118	10.2
	Social Sciences, Journalism & Information	1,633	592	2,225	73.4
	Unclassified	6	6	12	50
	Total	15,346	9,327	24,673	62.2

Type	ISCED Broad Group	Female	Male	Total	% Female
Technical Colleges	Agriculture, Forestry, Fisheries & Veterinary				
	Arts & Humanities	17	34	51	33.3
	Business, Administration & Law	250	75	325	76.9
	Education	27	15	42	64.3
	Engineering, Manufacturing & Construction	263	717	980	26.8
	Health and Welfare				
	Information & Communication Technologies	34	52	86	39.5
	Natural Sciences, Mathematics & Statistics	80	110	190	42.1
	Services	233	92	325	71.7
	Social Sciences, Journalism & Information				
	Total	904	1,095	1,999	45.2
	Arts & Humanities				
	Business, Administration & Law	121	61	182	66.5
	Education				
	Engineering, Manufacturing & Construction	1,937	4,167	6,104	37.7
	Health and Welfare				
	Information & Communication Technologies	124	73	197	62.9
	Services	13	4	17	76.5
	Total	2,357	4,459	6,816	34.6
Grand Total		35,317	25,840	6 1,133[9]	57.7

[9] Total excludes the unclassified (24 students)

Student Enrolment by mode of Study

Local institutions have adopted different modes of study in order to match the high demand for tertiary education. Traditionally these institutions were using the full time face-to-face mode of teaching and learning. However, of late, institutions have embraced other modes of learning such as part-time and distance learning. This initiative by institutions endeavours to be more inclusive and broadens the student base. Where the institution offers more than one mode of study the learners have the liberty to make choice of pragrammes taking into consideration available options of the mode of study. Analysis of the study mode for the 54,341 students enrolled in TEIs was as per figure 7 below:

Figure 7: 2021 Student Enrolment by study mode

	Full Time	Part-Time	Distance
▪ TVET Institutions	1495		
▪ Technical Colleges	1999		
▪ Public Universities	17177	1722	5774
▪ Public Institutions	6077	1393	
▪ Private Universities	7766	183	446
▪ Private Institutions	8180	938	66
▪ Institute of Health Sciences	1074		
▪ Colleges of Education	1546		
▪ Brigades	5321		
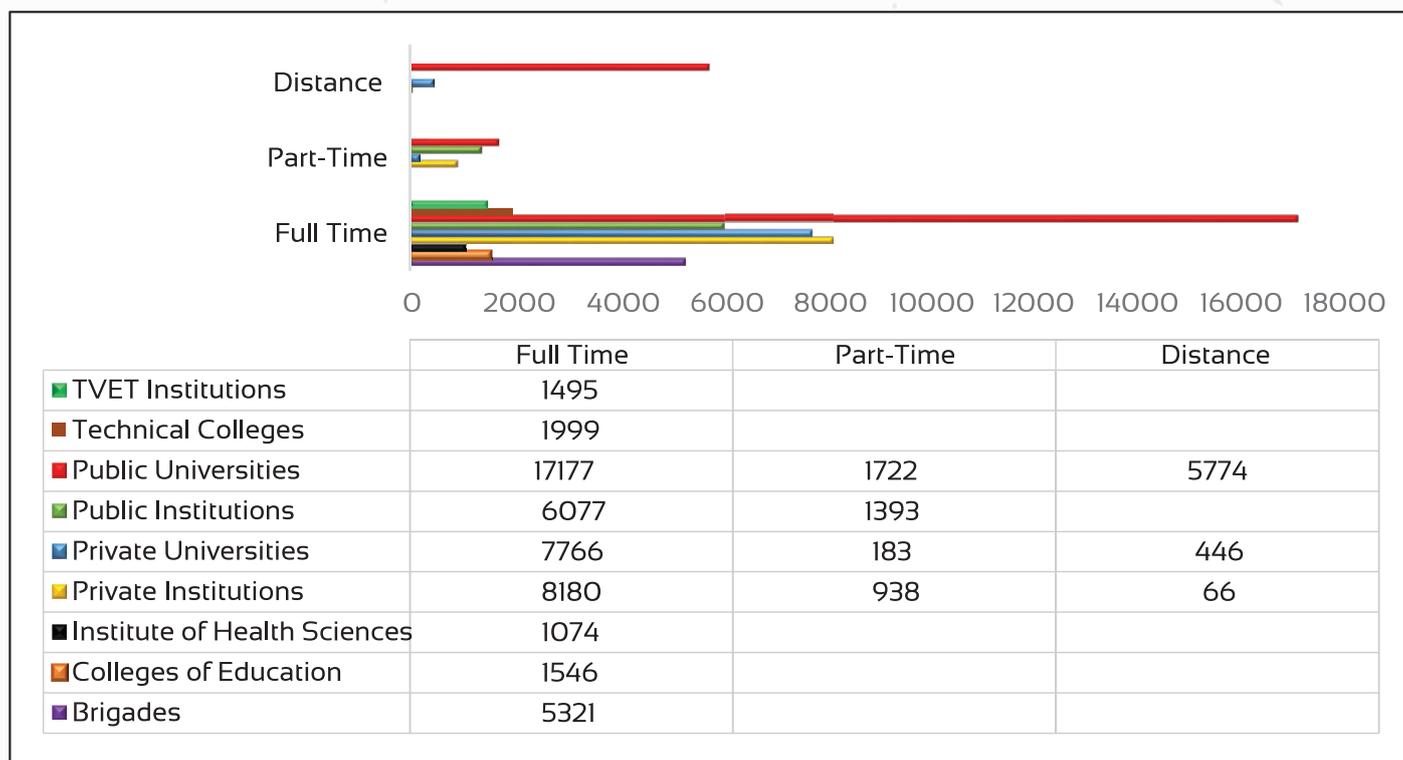
Source: Tertiary Education Institutions 2021

The most popular study mode was full time, followed by distance and part-time. Colleges of education and Institutes of health sciences across the country use only one mode, being the fulltime mode. It should be noted that the 5,774 enrolled on distance mode under public universities were all from the Botswana Open University.

Student Enrolment by type of Sponsorship

The Department of Tertiary Education Financing (DTEF) is the main sponsor of tertiary education in Botswana. This financial year alone, the government sponsored a total of 36,307 (67 percent) students to Higher Education Institutions operating in Botswana. This is a decrease from 39,446 students who were sponsored during the last financial year. The second largest were those on self-sponsorship with 29 percent (15,833) and the remaining 4 percent (2,201) was being shared by other private sponsors. Figure 8 below present 2021 student enrolment by sponsorship type.
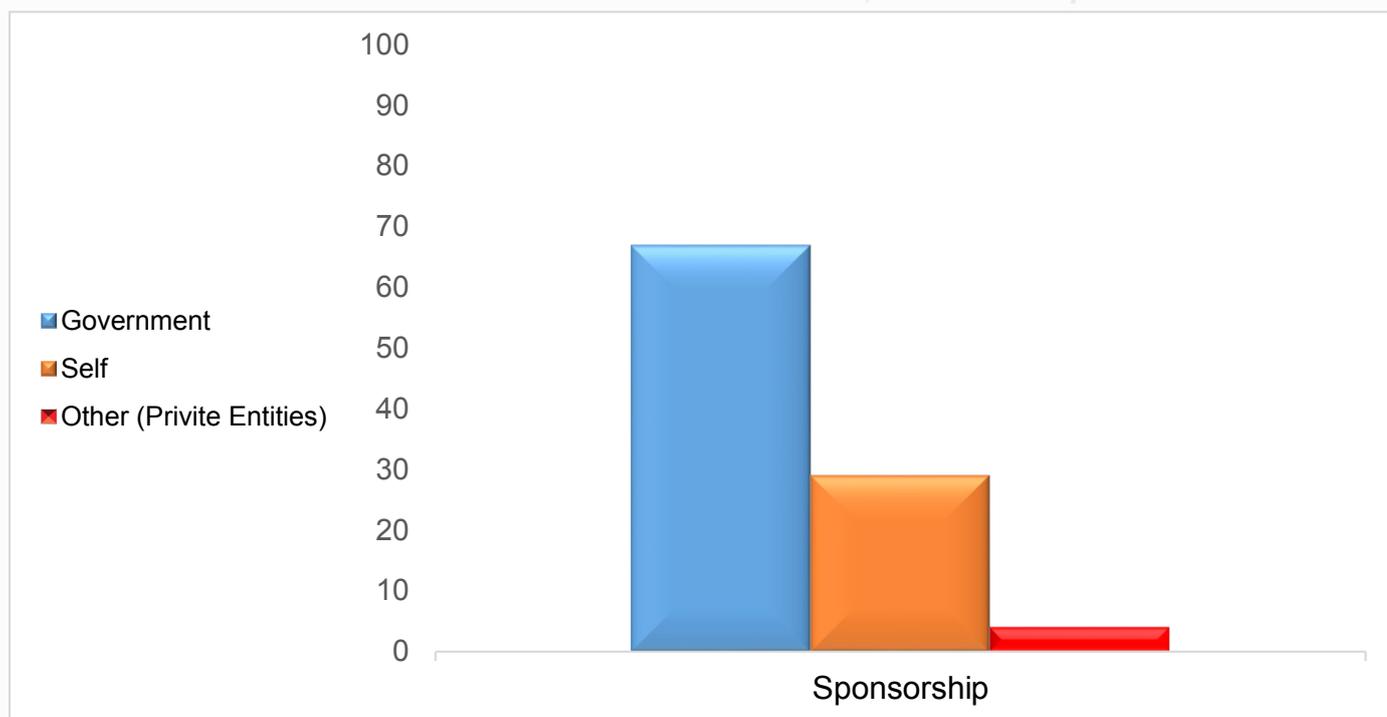
Source: Higher Education Institutions 2021

Furthermore, it has been observed that the government sponsorship benefits all qualifying students in all types of training institutions as shown in the table below:

Table 10: 2021 HEIs Enrolment by type of Sponsorship

Type of Institution	Government Sponsorship	Self- Sponsorship	Others (Private Entities)	Total
Private Institutions	6,916	1,970	298	9,184
Private Universities	6,787	804	804	8,395
Colleges of Education	954	592	0	1,546
Institute of Health Sciences	916	157	1	1,074
Technical Colleges	1,580	258	161	1,999
Public Institutions	5,671	1,701	98	7,470
Public Universities	13,483	10,351	839	24,673
Total	36,307	15,833	2,201	54,341

Trends of Tertiary Students on Government sponsorship

Figure 9 shows the trends in the number of students sponsored by the government through the Department of Tertiary Education Financing[10] between 2008/9 and 2020/21.

Figure 9: Trends of Tertiary Students on Government sponsorship 2009-2021
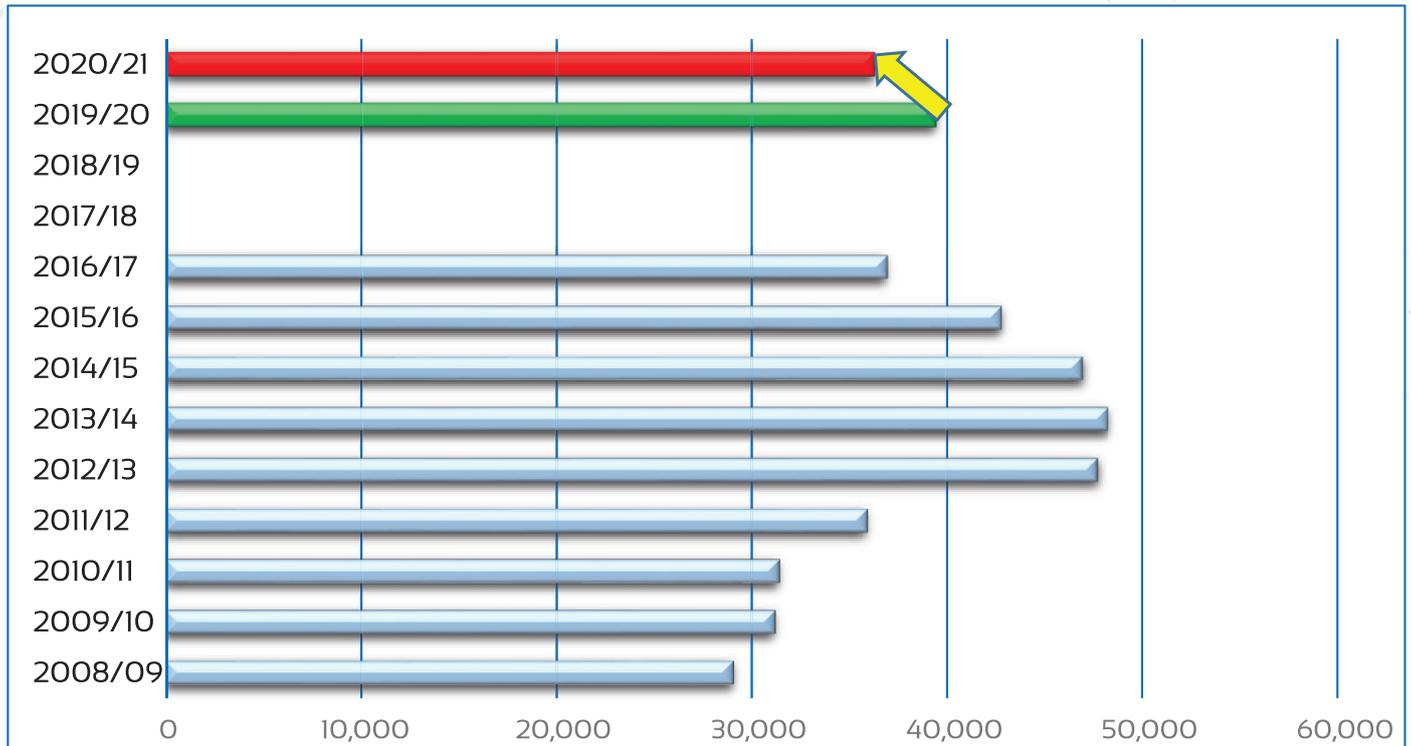
Source: Higher Education Institutions

Figure 9 indicates that there was an increasing trend in the number of tertiary education students on Government sponsorship i.e increased from 28,976 in 2009/10 to 48,703 in 2012/13. Thereafter, the number of tertiary education students on Government sponsorship gradually decreased from 48,703 in 2012/13 to 38,806 in 2016/17. In 2020, the total number of sponsored students was 39,446, however the number decreased to 36,307 in 2021. One of the major reasons could be the fact that government had to re-align the ministerial budgets in order to avail funds to mitigate the consequences of global COVID 19 pandemic.

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[10] Sponsor students to Higher Education Institutions only

Student Enrolment by Country of Origin

From a total of 61,157 students enrolled in tertiary education institutions in Botswana, 59,830 were the locals and 1,327 were internationals. Table 12 shows the total number of international students by their country of origin or citizenship.

Table 11: Student Enrolment (inbounds) by Country of Origin

Country Name	Females	Males	Total	Country Name	Females	Males	Total
Angola	2	3	5	South Sudan	0	1	1
Burundi	2	0	2	Sudan	0	4	4
Cameroon	5	1	6	Uganda	7	6	13
Congo	4	3	7	Tanzania[11]	9	16	25
Côte d'Ivoire	1	0	1	Zambia	46	35	81
DRC[12]	8	4	12	Zimbabwe	259	204	463
Egypt	0	1	1	USA[13]	0	2	2
Eswatini	111	73	184	Bahrain	0	1	1
Ethiopia	5	5	10	Bolivia[14]	1	0	1
Ghana	7	7	14	Brazil	1	1	2
Guinea	0	1	1	Azerbaijan	1	0	1
Kenya	22	21	43	Bangladesh	7	8	15
Lesotho	56	44	100	China	3	2	5
Liberia	0	2	2	Cuba	0	1	1
Libya	1	2	3	India	31	22	53
Malawi	27	22	49	Malaysia	0	1	1
Mozambique	3	4	7	Pakistan	8	4	12
Namibia	29	20	49	Philippines	2	0	2
Nigeria	26	43	69	Korea[15]	1	1	2
Rwanda	2	3	5	Sri Lanka	1	1	2
Seychelles	5	0	5	United Kingdom	0	1	1
Sierra Leone	1	0	1	Not specified	10	13	23
Somalia	3	0	3	**Total**	**727**	**600**	**1,327**
South Africa	10	17	27				

Source: Tertiary Education Institutions 2021

The foreign national students came from 45 different countries across the globe. According to table 12, the highest share of students came from neighbouring Southern African Countries: Zimbabwe (34.9%), Eswatini (3.9 %), Lesotho (7.5%) and Zambia (6.1 %).

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[11] United Republic of Tanzania
[12] Democratic Republic of the Congo
[13] United States of America
[14] Plurinational State of Bolivia
[15] Democratic People's Republic of Korea

Inbounds students by level of Studies

Generally, the share of international students enrolled in tertiary programmes increased gradually with education level, for example only 28 international students were enrolled at certificate while Diploma and Bachelors were 179 and 820 respectively. Figure 10 is a summary of international enrolment by level of studies.

Figure 10: Inbounds enrolment by level of studies.
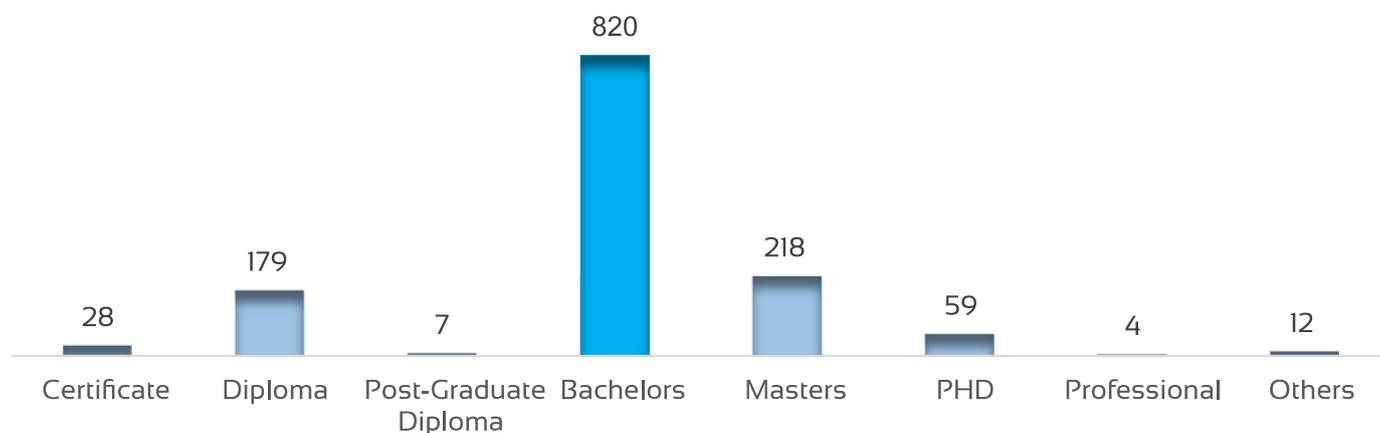
Source: Tertiary Education Institutions 2021

Inbounds students by continent of origin

Table 12: Inbounds students by continent of origin

Continent	Females	Males	Total
Africa	661	542	1,203
Asia	54	40	94
Europe	0	1	1
Latin America	2	2	4
Northern America	0	2	2
Oceania			
Not Stated	10	13	23
Total	727	600	1,327

Source: Tertiary Education Institutions 2021

Key highlights

- The largest number (90.7%) of the foreign students are from African countries
- Foreign students from Asia constitute 7.1 percent and the rest of the Continents constitutes be low 0.5 percent.
- There were no inbounds from the Oceania.
- Females are more likely than males to enrol abroad.

Inbound Mobility Rate

International students account for 2.2 percent of total enrolment in tertiary programmes, indicating low inflow of students to study in local tertiary institutions.

Outbound Students

Number of Outbound students on government sponsorship

Around the world, there is growing interest among national governments to initiate or expand scholarship programmes that provide citizens with the opportunity to study outside their home country (Rumbley, 2014). The OECD among others views the initiative as an opportunity to access high- quality education, acquire skills that may not be taught at home and get closer to labour markets that offer higher returns on education (OECD Report, 2021).

The Government of Botswana like others, invest in their citizens through scholarship programmes for international study. Analysis showed that while a total of 61,157 students are studying locally, just 808 of the student population received national government support to study at international institutions. Of these 112 are on partial sponsorship (donor scholarship) and the rest are fully sponsored by the government. Table 14 shows the number of outbound students by country of placement.

Table 13: Number of outbound students by country of placement

COUNTRY	Total No of Students	COUNTRY	Total No of Students
Australia	37	Namibia	18
Antigua	2	Russia (Donor)	86
Canada	70	South Africa	193
China	3	St Vincent & Augustine	4
China (Donor)	13	Tanzania	1
Cuba (Donor)	13	Trinidad & Tobago	1
Egypt	2	United Kingdom	188
Grenada	24	United States Of America	93
Ireland	34	Zambia	14
Japan	1	Zimbabwe	4
Malaysia	1	Total	808
Mauritius	6		

Source: Department of Tertiary Education Financing 2022

Note: Table 13 is outbound students on government sponsorship only and exclude other

Gross Enrolment Ratio

The Gross Enrolment Ratio (GER) is one of the key indicators in the education sector. It determines the level of participation in tertiary education system and indicates the ratio of enrolment in tertiary education to the total population of the eligible group which is 18 – 24 in Botswana. The GER is often used internationally to compare participation in education across various countries (Khuluvhe and Ganyaupfu, 2021). Table 15 below presents the total student enrolment, projected 18-24 age population cohort and the calculated GER for the past fourteen years to date.

Table 14: Calculated Gross Enrolment Ratio (Tertiary) 2007-2021

Academic Year	Population [16](18-24 Years)	Total Enrolment	Gross Enrolment Ratio (%)
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
2018/19	292,187	53,930	18.5
2019/20	291,303	56,666	19.5
2020/21	290,894	61,157	21.0

Sources: Statistics Botswana (2015): Population Projections – 2011 -2026
                 HRDC (2020): Tertiary Education Report
                 Tertiary Education Institutions 2021

In 2021 the Gross Enrolment Ratio was 21.0, an increase of 1.5 from 2020. The highest Gross Enrolment Ratio recorded in Botswana was 21.3 in 2015 and thereafter it has been fluctuating below 20 percent indicating a relatively low participation in tertiary education in Botswana.

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

Gross Enrolment Ratio-Comparisons

Figure 11: Gross Enrolment Ratio-Comparisons 2012-2021
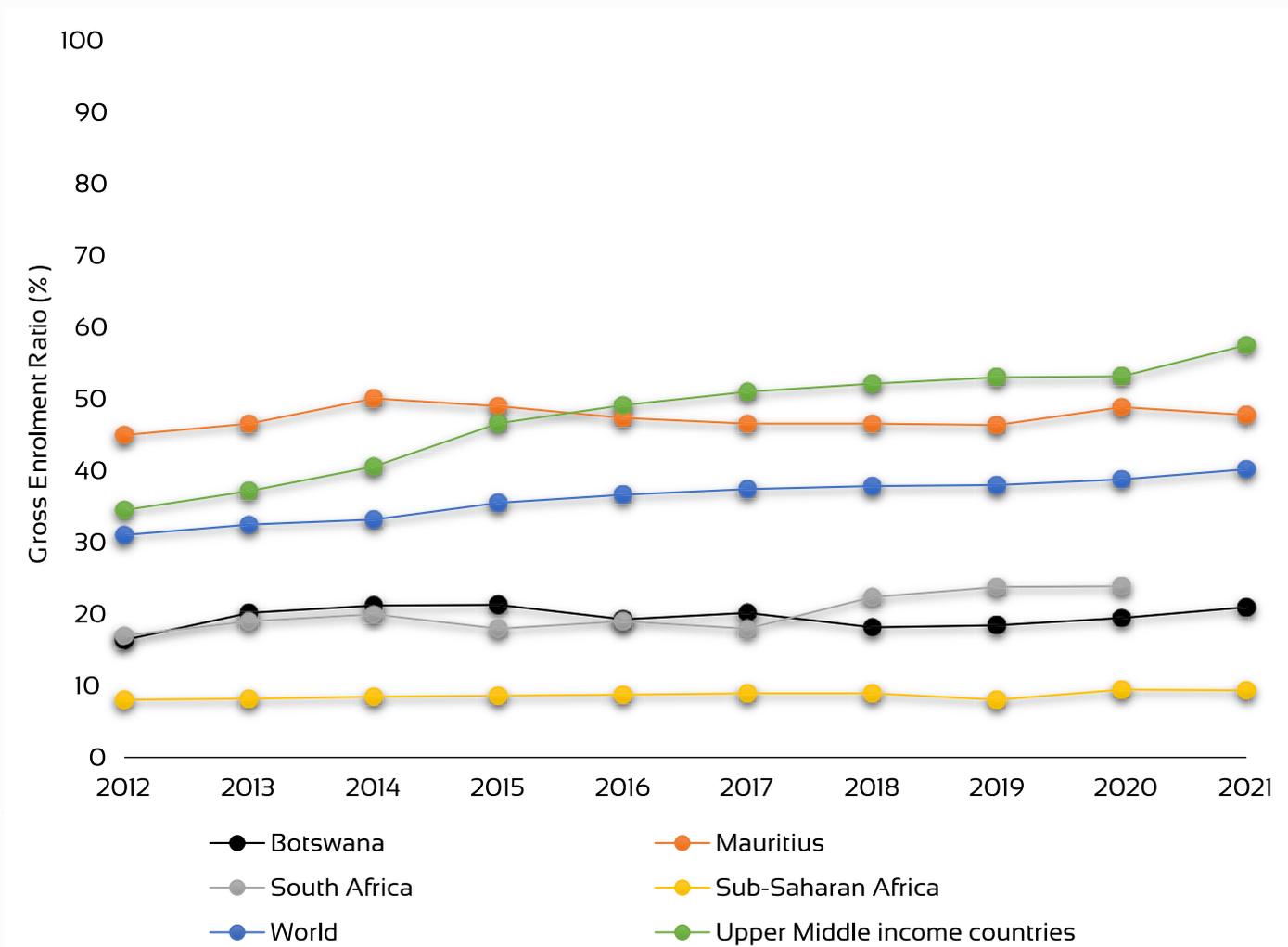
Figure 11 shows GER trends comparisons[17] between Botswana and other countries/regions. It is quite notable from figure 11 that tertiary GERs remain quite low for most countries in the sub- Saharan region. The 2021 Botswana's GER of 21.0 is higher than the averages of the Sub- Saharan African region (9.4%). However, it was significantly below the Upper middle income countries average at 57.6, lower middle income countries at 23.7% and the world average at 40.2%. Mauritius has consistently been among the highest in Sub Saharan Africa over in the last 10 years.

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[17] Countries included in the analysis were selected based on consistent availability of data

Gross Enrolment Ratio by Sex

Figure 12: 2021 Gross Enrolment Ratio by Sex
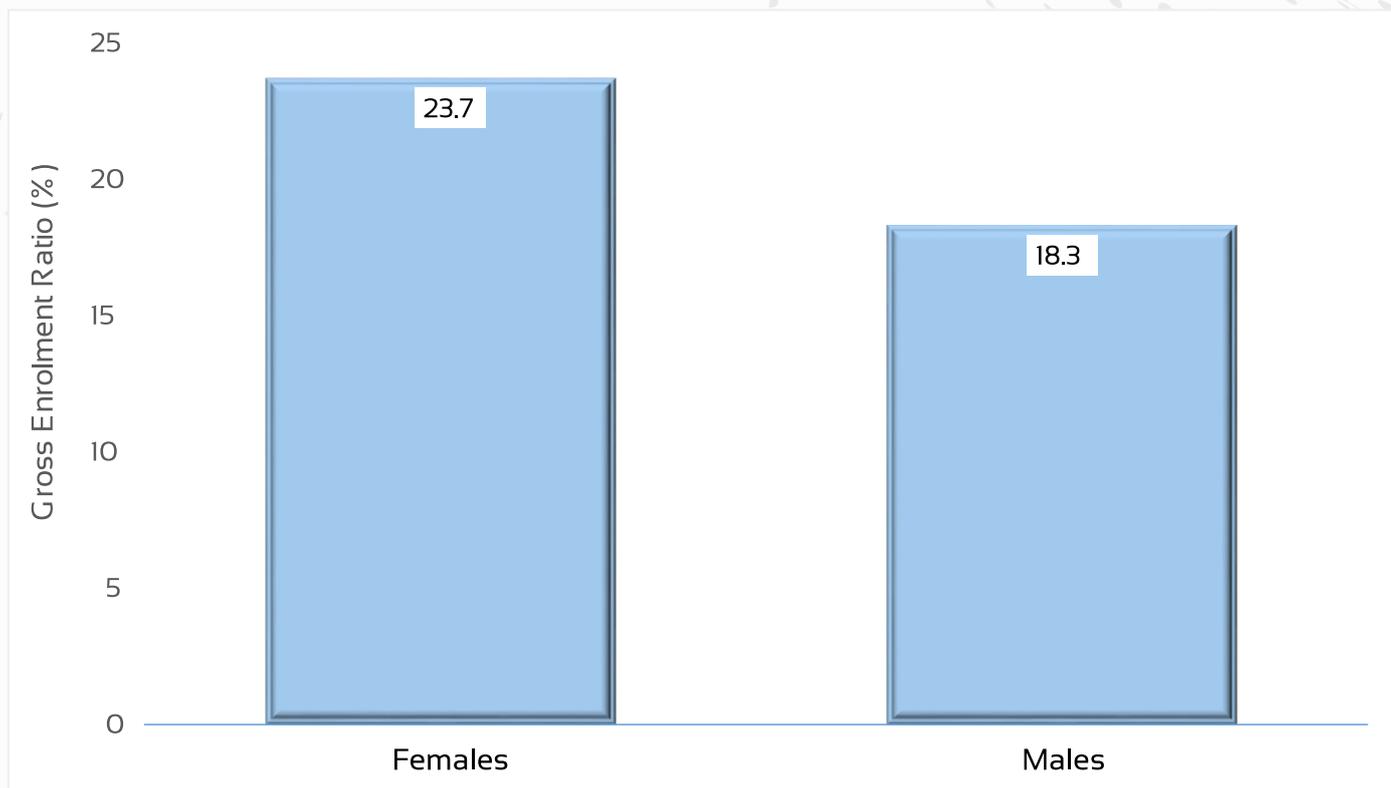
Sources: Statistics Botswana (2015): Population Projections – 2011 -2026
Tertiary Education Institutions 2021

Contrary to the status quo in sub-Saharan Africa, women are advantaged in terms of participation in tertiary education in Botswana. The tertiary GER in Botswana for women was 23.7%, compared to 18.3% for men.

Net Enrolment Ratio

The Net Enrolment Ratio (NER) for the tertiary school level is the ratio of the total enrolment for the official age group (18-24) to the population of the same age group in a given year. It is one of the most important and cited education indicators for the Sustainable Development Goals (SDGs) to which Botswana as a country is committed to. The indicator is used to monitor government education policies and programs as well as identify areas that need intervention. The 2021 NER for Botswana was 12.2 percent

Tertiary Education Graduates

Trend

During the 2020/21 academic year, a total of 11,859 students graduated from Botswana's tertiary education institutions. This was a decrease of 104 graduates from the previous academic year. Figure 13 presents a trend analysis of the tertiary education graduates[18] from year 2009 to 2020.

Figure 13: Tertiary Education Graduates trend 2009-2020
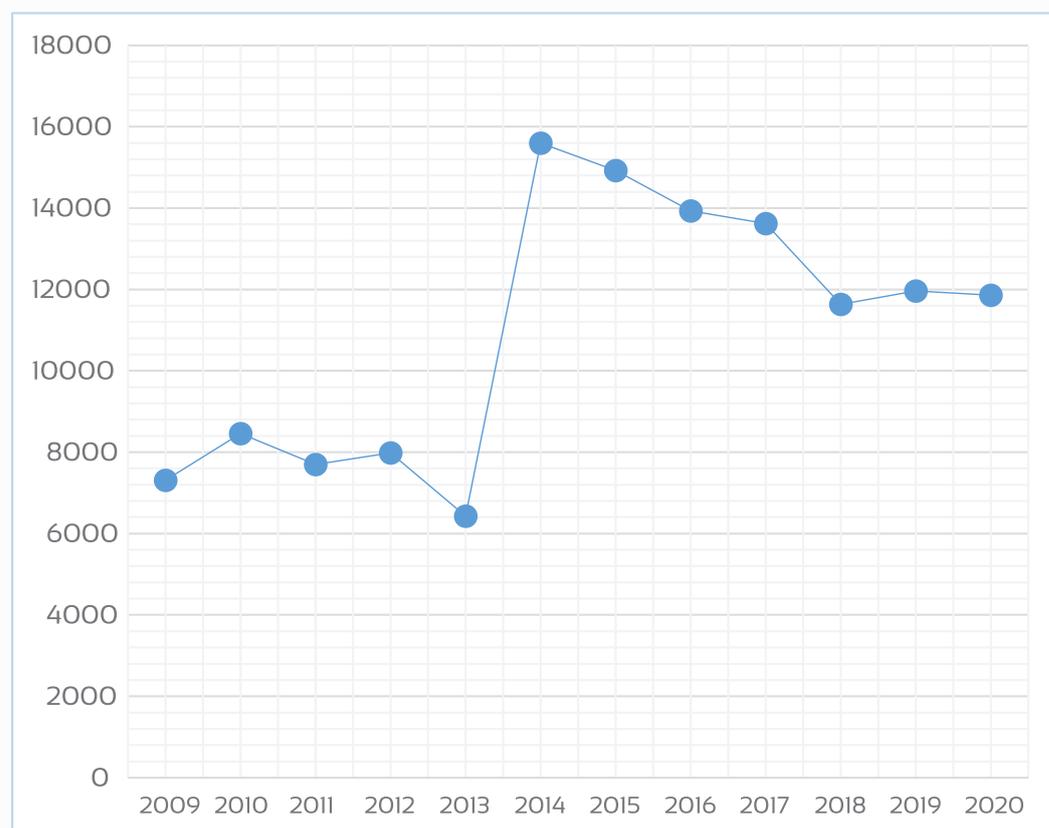
Source: Tertiary education Institutions 2020

Tertiary graduation rate

Tertiary graduation rate illustrates a country's capacity to provide future workers with advanced and specialised knowledge and skills. During the academic year 2020/21, the total tertiary graduation rate was reported to be 81.6 percent, a decrease of 0.5 percentage points from 2019 graduates.

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[18] The concept of graduates (i.e. all graduates, not only first-time graduates) was used when measuring the total graduates, graduates by type of institutions or by field of study.

2020 Graduates by level of Qualification

Figure 14: 2020 Graduates by level of Qualification

492, 4%

610, 5%

1326 , 11%

10, 0%

33, 0%

5751 , 49%

3637, 31%

Legend:
- ■ Vocational
- ■ Certificate
- ■ Diploma
- ■ Degree
- ■ Master's Degree
- ■ Doctoral Degree
- ■ Profesional Courses
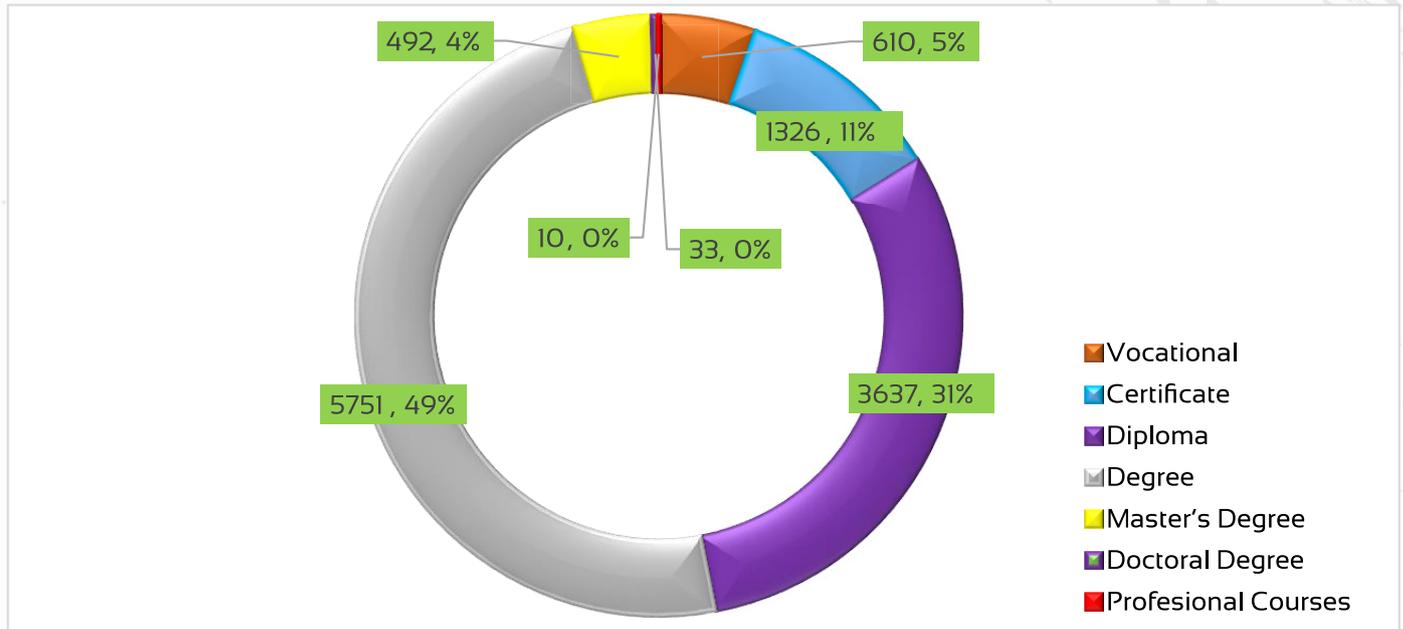
Source: Tertiary Education Institutions 2021

Figure 14 reflects that the undergraduates form the highest share of the 2020 tertiary education graduates (96 percent). The Bachelor's degree was the highest with 49 percent, diploma and certificate with a share of 31 and 11 percent respectively.

2020 Graduates by type of institution and Qualification

Table 15: 2020 Graduates by type of institution and Qualification (HEIs)

Institution	Certificate	Diploma	Bachelors	Masters	PhD	Prof	Total
Colleges of Education		381					381
Health Sciences		381					381
Private Institutions	158	397	1,008			9	1,572
Private Universities	63	188	1,170	16			1,437
Public Institutions	252	396	881	146		1	1,676
Public Universities	216	1,497	2,692	330	33		4,768
Technical Colleges	271	397					668
TOTAL	960	3,637	5,751	492	33	10	10,883

Table 16 indicates that majority (4,768) of the graduates were from the public universities. The colleges of education and the institute of health sciences were the least with a total of 381 graduates each. A total of 525 students graduated with post graduate degrees; 509 from public institutions and only 16 from private universities. The VTCs and Brigades institutions produced 976 graduates (table 17).

Table 16: 2020 Graduates by type of institution and Qualification (TVET)

Institution	Trade Test C	Trade Test B	Certificate	Diploma	Bachelors	Master & PHD	Total
Brigades	219	356	277				802
VTCs	35		139				174
TOTAL	254	356	366				976

Source: Technical and Vocational Education and Training Institutions 2021

Other Key highlights

- Vocational education is provided only by public institutions
- All PhDs graduates were from universities

2020 Tertiary graduates by ISCED Fields of Education

Figure 15: 2020 Tertiary graduates by ISCED Fields of Education
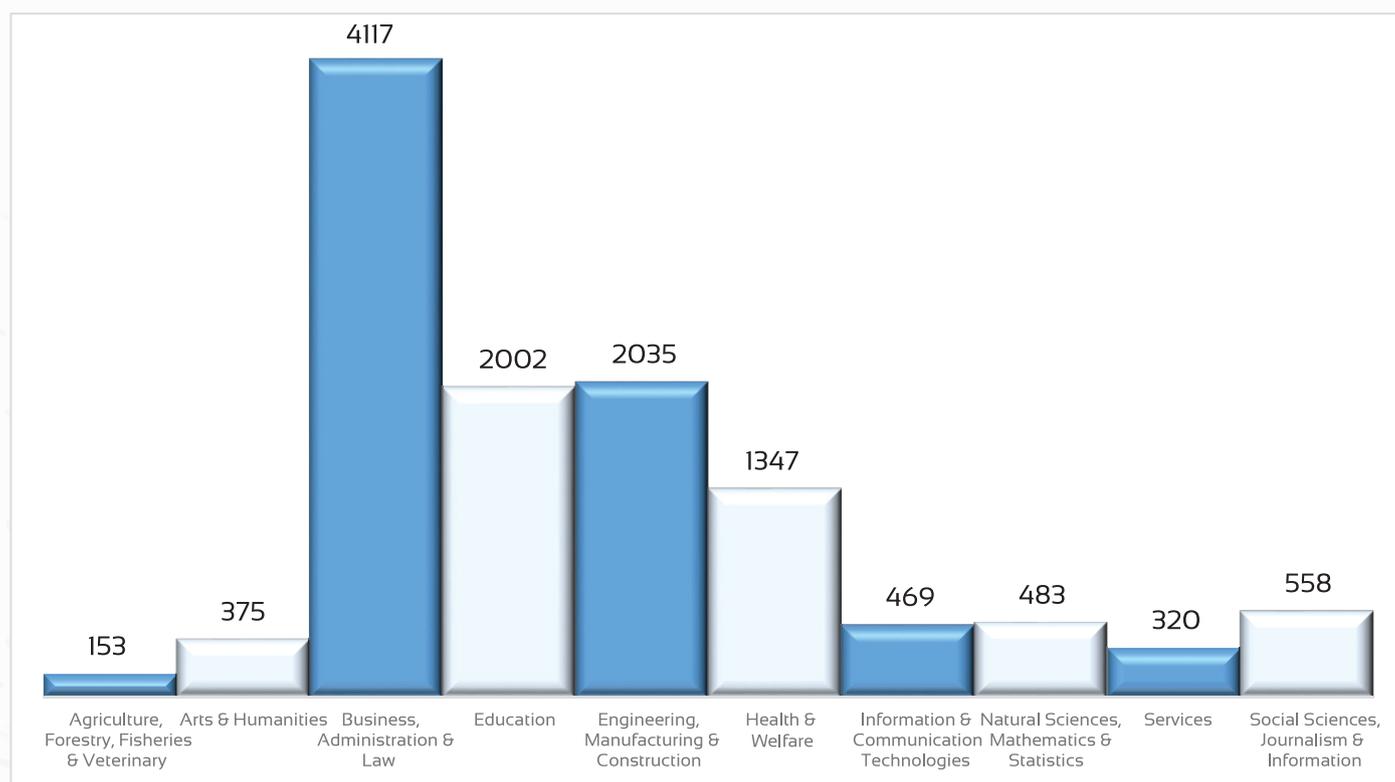
Source: Tertiary Education Institutions 2021

The distribution of graduates by field of study is shown as per figure 15. The highest number (4,117), of graduates was recorded from the field of Business, Administration and Law this was followed by the field education with 2,002 graduates. The field of science, technology, engineering and mathematics had a total of 2,807 graduates. The least was agriculture, forestry, fisheries and veterinary with only 153 graduates.

Table 17: 2020 Tertiary graduates by Qualification and ISCED Fields of Education

	Trade Test C	Trade Test B	Certificate	Diploma	Bachelors	Masters	PHD	Prof	Total
Agriculture, Forestry, Fisheries & Veterinary	25	9		47	62	7	3		153
Arts & Humanities			32	38	300	4	1		375
Business, Administration & Law			455	1,122	2,279	248	3	10	4,117
Education			91	1,382	450	78	1		2,002
Engineering, Manufacturing & Construction	330	347	230	401	706	16	5		2,035
Health and Welfare			111	477	729	26	4		1,347
Information & Communication Technologies			16	72	368	12	1		469
Natural Sciences, Mathematics & Statistics			119	9	299	45	11		483
Services			171	72	61	16			320
Social Sciences, Journalism & Information				17	497	40	4		558
Unclassified ISCED Code 99									
Total	355	356	1,225	3,637	5,751	492	33	10	10,883

Source: Higher Education Institutions 2021

The highest number (4,117), of graduates were recorded in the field of Business, Administration and Law, with the majority graduating from bachelor's degree and the diploma. There were 33 PhD graduates and the majority (11) were recorded in the field of natural sciences, mathematics and statistics.

Table 18: 2020 Graduates by Qualification, Institution, and ISCED Field of education-HEIs

ISCED BROAD Group	Certificate	Diploma	Bachelors	Masters	PhD	Prof	Total
Colleges of Education							
Agriculture Forestry, Fisheries & Veterinary							
Arts & Humanities							
Business, Administration & Law							
Education		381					381
Engineering, Manufacturing & Construction							
Health and Welfare							
Information & Communication Technologies							
Natural Sciences, Mathematics & Statistics							
Services							
Social Sciences, Journalism & Information							
Total		**381**					**381**
Institute of Health Sciences							
Agriculture Forestry, Fisheries & Veterinary							
Arts & Humanities							
Business, Administration & Law							
Education							
Engineering, Manufacturing & Construction							
Health and Welfare		381					381
Information & Communication Technologies							
Natural Sciences, Mathematics & Statistics							
Services							
Social Sciences, Journalism & Information							
Total		**381**					**381**

2020 Graduates by Qualification, Institution, and ISCED Field of education-HEIs

ISCED BROAD Group	Certificate	Diploma	Bachelors	Masters	PhD	Prof	Total
Private Institutions							
Agriculture Forestry, Fisheries & Veterinary							
Arts & Humanities	3	20	85				108
Business, Administration & Law	55	153	410			9	637
Education	30	42	37				109
Engineering, Manufacturing & Construction		85	51				136
Health and Welfare	51	92	362				505
Information & Communication Technologies		1	2				3
Natural Sciences, Mathematics & Statistics							
Services	19	1	61				81
Social Sciences, Journalism & Information		3					3
Total	158	397	1,008			9	1,572
Private Universities							
Agriculture Forestry, Fisheries & Veterinary							
Arts & Humanities		15	124				129
Business, Administration & Law	62	96	643	3			804
Education			2	3			5
Engineering, Manufacturing & Construction	1	66	119				186
Health and Welfare			48				48
Information & Communication Technologies		7	140	10			157
Natural Sciences, Mathematics & Statistics							
Services							
Social Sciences, Journalism & Information		4	94				98
Total	63	188	1,170	16			1,437

2020 Graduates by Qualification, Institution, and ISCED Field of education-HEIs conti.......

ISCED BROAD Group	Certificate	Diploma	Bachelors	Masters	PhD	Prof	Total
Public Institutions							
Agriculture Forestry, Fisheries & Veterinary							
Arts & Humanities							
Business, Administration & Law	177	280	542	146		1	1,146
Education			44				44
Engineering, Manufacturing & Construction		27					27
Health and Welfare			143				143
Information & Communication Technologies		32	152				184
Natural Sciences, Mathematics & Statistics	75						75
Services		57					57
Social Sciences, Journalism & Information							
Total	252	396	881	146		1	1,676
Public Universities							
Agriculture Forestry, Fisheries & Veterinary		47	62	7	3		119
Arts & Humanities			91	4	1		96
Business, Administration & Law	90	498	684	99	3		1,374
Education	61	915	367	75	1		1,419
Engineering, Manufacturing & Construction			536	16	5		557
Health and Welfare	60	4	176	26	4		270
Information & Communication Technologies	5		74	2	1		82
Natural Sciences, Mathematics & Statistics		9	299	45	11		364
Services		14		16			30
Social Sciences, Journalism & Information		10	403	40	4		457
Total	216	1,497	2,692	330	33		4,768

2020 Graduates by Qualification, Institution, and ISCED Field of education-HEIs conti.........

ISCED BROAD Group	Certificate	Diploma	Bachelors	Masters	PhD	Prof	Total
Technical Colleges							
Agriculture Forestry, Fisheries & Veterinary							
Arts & Humanities	29	3					32
Business, Administration & Law	14	95					109
Education		44					44
Engineering, Manufacturing & Construction	32	223					255
Health and Welfare							
Information & Communication Technologies		32					32
Natural Sciences, Mathematics & Statistics	44						44
Services	152						152
Social Sciences, Journalism & Information							
Total	271	397					668
Total	960	3,256	5,751	492	33	10	10,883

2020 Graduates by Qualification, Institution, and ISCED Field of education-VTCs and Brigades

Table 19: 2020 Graduates by Qualification, Institution, and ISCED Field of education-VET Centres

ISCED BROAD Group	Trade Test c	Trade Test B	Certificate	Total
TVET Institutions				
Agriculture Forestry, Fisheries & Veterinary	25	9		34
Arts & Humanities				
Business, Administration & Law			54	54
Education				
Engineering, Manufacturing & Construction	194	347	162	703
Health and Welfare				
Information & Communication Technologies			11	11
Natural Sciences, Mathematics & Statistics				
Total	219	356	277	802

FINANCIAL RESOURCES INVESTED IN TERTIARY EDUCATION

Proportion of national wealth spent on educational institutions

Proportion of national wealth spent on educational institutions is an indicator that demonstrates the priority given to educational institutions as a function of countries' overall resources (OECD report, 2021). This indicator provides an explanation that links investment in higher education with an overall higher rate of fostering economic growth and enhance productivity.

Locally, the Ministerial Recurrent Budget for financial year 2020/2021 was at P51.37 (billion). The largest share, P9.01 (billion) was allocated to the Ministry of Education and Skills Development. The tertiary education was budgeted for through the then Ministry of Tertiary Education, Research, Science and Technology and was allocated P4.89 (billion). The allocation mainly provided for tertiary education student's sponsorship and tertiary education public institution's subventions. Proportion of national wealth spent on educational institutions as an indicator covers expenditure on colleges, universities and other public institutions involved in delivering or supporting tertiary educational services. Other ministerial budget allocation are reflected in figure 16 below.

Figure 16: Ministerial Recurrent Budget (Billion Pula)
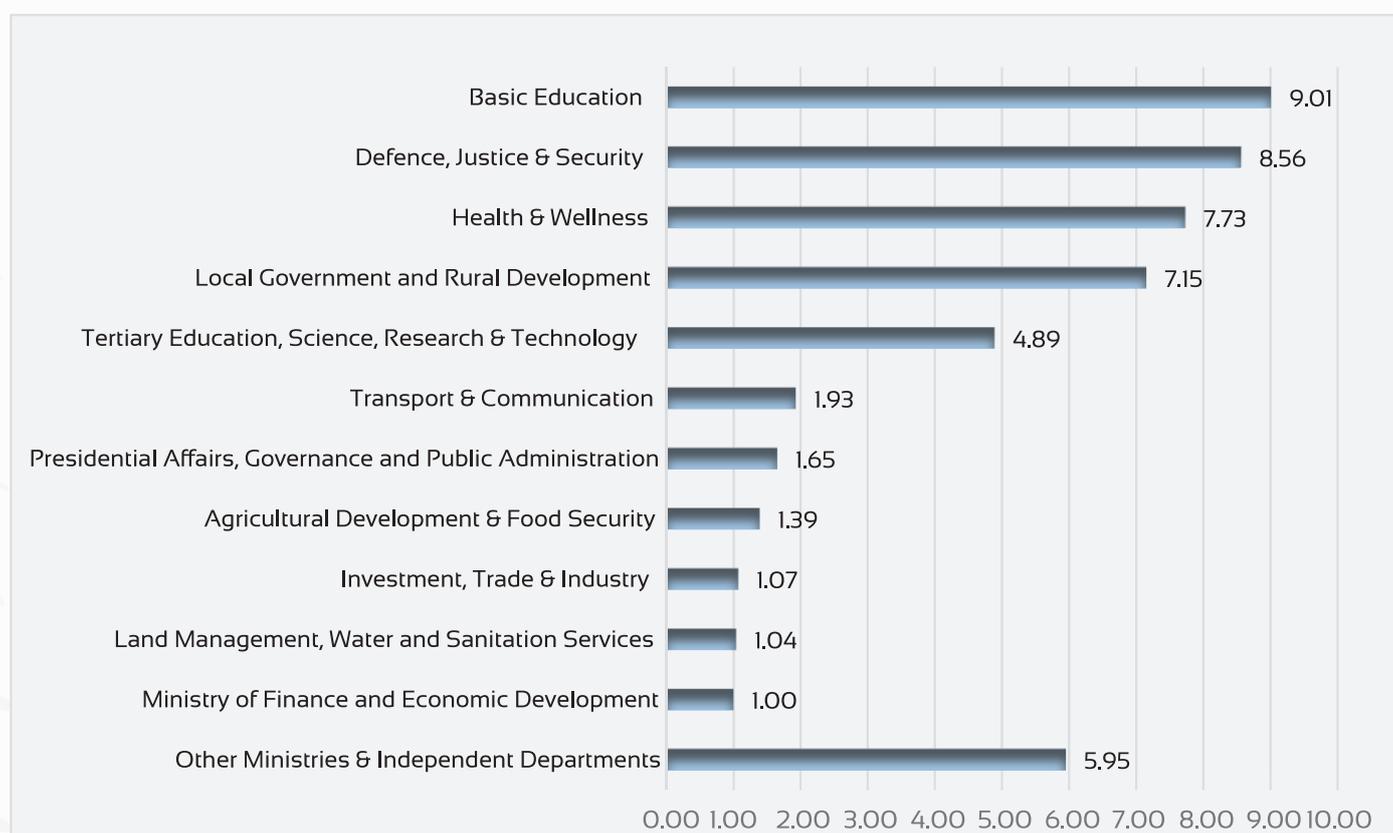
Source: Budget Speech 2020/21

TEACHERS

Who are the tertiary institution Teachers?

A total of 3,926 teaching professionals were employed to teach in higher education institutions during the academic year. These were mainly the academic staff whose primary assignment is instruction or research. In terms of sex, teaching at tertiary level remains largely dominated by males as per the figure below:

Figure 17: Teachers in Higher Education Institutions

Total Male, 2289, 58.3%

Total Female, 1637, 41.7%
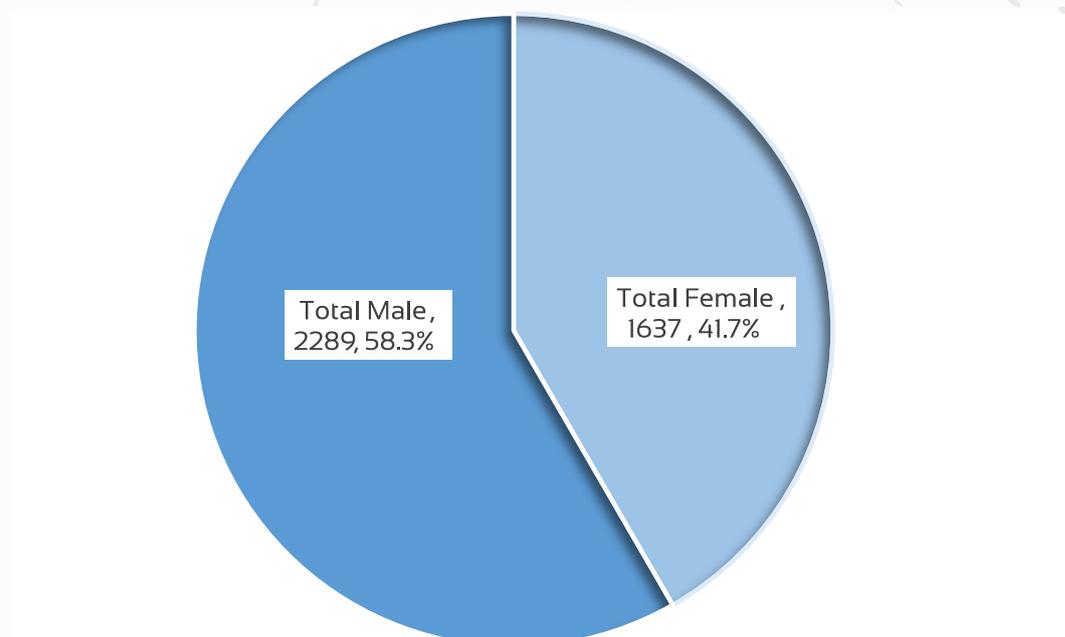
Source: Higher Education Institutions 2021

Tertiary Education Teachers by Sex and type of Institution

Table 20: Number of teachers employed by institution type and Sex

	Colleges of Education	Institute of Health Sciences	Private Institutions	Private Universities	Public Institutions	Public Universities	Technical Colleges
Females	180	121	146	269	77	541	91
Males	153	61	253	476	129	846	124
TOTAL	333	182	399	745	206	1387	215

Source: Higher Education Institutions 202

Annexes

Student Enrolment by Programme- Brigades Institution (ISCED Level 4)

Table E1. 1: Barolong Vocational Training Centre

Programme Name	Female	Male	Total
Crops Farming Trade Test C	9	38	47
Dressmaking Trade Test C	47	8	55
Livestock Farming Trade Test C	21	50	71
Certificate in Accounting & Business Studies	2	1	3
Certificate in Computer Studies	7	7	14
Dressmaking NCC	10	1	11
Total	96	105	201

Table E1. 2: Bobonong Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test C	3	58	61
Bricklaying & Plastering, Trade Test C	6	52	58
Carpentry & Joinery C, Trade Test C	33	20	53
Computer Studies, Certificate	25	14	39
Total	67	144	211

Table E1. 3: Boteti Brigades Centre

Programme Name	Female	Male	Total
Borehole Mechanics Trade Test C	23	97	120
Bricklaying & Plastering Trade Test C	12	29	41
Carpentry & Joinery Trade Test C	15	31	46
Certificate in Accounting & Business Studies	10	7	17
Total	60	164	224

Table E1. 4: Chobe Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test B	2	10	12
Auto Mechanics, Trade Test C	5	27	32
Bricklaying & Plastering, Trade Test C	6	7	13
Carpentry & Joinery, Trade Test C	14	1	15
Total	27	45	72

Table E1. 5: Ghanzi Brigades Centre

Programme Name	Female	Male	Total
Building & Plastering Trade Test C	8	32	40

Table E1. 6: Gweta Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test C	8	26	34
Bricklaying & Plastering, Trade Test C	8	25	33
Carpentry & Joinery C, Trade Test C	4	24	28
Total	20	75	95

Table E1. 7: Kang Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test C	11	74	85
Bricklaying & Plastering, Trade Test C	6	38	44
Carpentry & Joinery , NCC	8	7	15
Carpentry & Joinery, Trade Test C	16	35	51
Welding & Fabrication, Trade Test C	16	46	62
Total	57	200	257

Table E1. 8: Kanye Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test C	13	41	54
Electrical Installation & Appliances, Trade Test C	14	42	56
Refrigeration & Air Conditioning, Trade Test C	16	32	48
Total	43	115	158

Table E1. 9: Kgatleng Brigades Centre

Programme Name	Female	Male	Total
Bricklaying & Plastering Trade Test C	20	33	53
Electrical Installation Trade Test C	28	72	100
Plumbing and Pipe Fitting Trade Test C	25	60	85
Carpentry & Joinery Trade Test C	5	45	50
Welding and Fabrication Trade Test C	9	39	48
Total	87	249	336

Table E1.10: Kgalagadi Brigades Centre

Programme Name	Female	Male	Total
Certificate in Accounting & Business Studies	11	5	16
Certificate in Computer Studies	10	10	20
Total	21	15	36

Table E1.11: Kweneng Bophirima Development Association

Programme Name	Female	Male	Total
Auto Mechanics Trade Test C	5	40	45
Bricklaying & Plastering Trade Test C	7	39	46
Total	12	79	91

Table E1.12: Kweneng Rural Development Association

Programme Name	Female	Male	Total
Auto Mechanics Trade Test C	11	44	55
Bricklaying & Plastering Trade Test C	10	27	37
Bricklaying & Plastering NCC	2	14	16
Carpentry & Joinery Trade Test C	22	35	57
Panel Beating & Spray Painting Trade Test C	4	48	52
Total	49	168	217

Table E1.13: Lobatse Brigades Centre

Programme Name	Female	Male	Total
Bricklaying & Plastering Trade Test C	3	49	52
Carpentry & Joinery Trade Test C	14	24	38
Plumbing & Pipefitting Trade Test C	37	61	98
Welding & Fabrication Trade Test C	11	55	66
Total	65	189	254

Table E1.14: Madiba Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics Trade Test C	8	43	51
Bricklaying & Plastering Trade Test C	6	40	46
Carpentry and Joinery Trade Test C	8	28	36
Electrical Installation Trade Test C	26	46	72
Plumbing and Pipe Fitting Trade Test C	22	24	46
Welding and Fabrication Trades Test C	8	42	50
Total	78	223	301

Table E1.15: Mahalapye Brigades Centre

Programme Name	Female	Male	Total
Dress Making Trade Test C	77	7	84
Dress Making Trade Test C (Practical)	14	6	20
Total	91	13	104

Table E1.16: Marapong Brigades Centre

Programme Name	Female	Male	Total
Dressmaking Trade Test C	72	3	75
Certificate in Accounting and Business Studies	3	7	10
National Certificate in Secretarial Studies	7	8	15
Total	82	18	100

Table E1.17: Marobela Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test C	19	40	59
Carpentry & Joinery, Trade Test C	14	39	53
Total	33	79	112

Table E1.18: Matsheng Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics Trade Test C	9	54	63
Bricklaying and Plastering Trade Test C	2	29	31
Certificate in Computer Studies	4	8	12
Total	15	91	106

Table E1.19: Mosetse Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test C	30	93	123
Total	30	93	123

Table E1.20: Moshupa Brigades Centre

Programme Name	Female	Male	Total
Bricklaying & Plastering Trade Test C	18	49	67
Dressmaking Trade Test C	50	5	55
Certificate in Computer Studies	21	13	34
Total	89	67	156

Table E1.21: Ngethu Brigades Centre

Programme Name	Female	Male	Total
Welding and Fabrication Trade Test C	8	57	65
Certificate in Accounting and Business Studies	8	6	14
Certificate in Computer Studies	16	2	18
Total	32	65	97

Table E1.22: Nswazwi Brigades Centre

Programme Name	Female	Male	Total
Bricklaying & Plastering - Trade Test C	5	9	14
Carpentry & Joinery - Trade Test C	3	9	12
Painting & Decorating - Trade Test C	32	20	52
Architectural Draughting - National Craft Certificate	17	33	50
Total	57	71	128

Table E1.23: Okavango Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics Trade Test C	3	36	39
Bricklaying and Plastering Trade Test C	8	34	42
Carpentry and Joinery Trade Test C	8	24	32
Auto Mechanics Trade Test B	2	9	11
Total	21	103	124

Table E1.24: Serowe Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test C	15	76	91
Bricklaying & Plastering, Trade Test C	6	50	56
Carpentry & Joinery, Trade Test C	20	37	57
Forestry, Trade Test C	35	11	46
Livestock Farming, Trade Test C	38	23	61
Machine Fitting, Trade Test C	14	49	63
Welding and Fabrication, Trade Test C	11	70	81
Total	139	316	455

Table E1.25: Shashe Brigades Centre

Programme Name	Female	Male	Total
Bricklaying & Plastering Trade Test C	13	48	61
Carpentry & Joinery Trade Test C	31	35	66
Welding & Fabrication Trade Test C	19	70	89
Total	63	153	216

Table E1.26: Shoshong Brigades Centre

Programme Name	Female	Male	Total
Bricklaying & Plastering Trade Test C	4	24	28
Crop Farming Trade Test C	18	12	30
Total	22	36	58

Table E1.27: Tlokweng Brigades Centre

Programme Name	Female	Male	Total
Carpentry & Joinery Trade Test C	15	48	63
Dressmaking Trade Test C	76	6	82
Certificate in Computer Studies	13	2	15
Total	104	56	160

Table E1.28: Tswaragano Brigades Centre

Programme Name	Female	Male	Total
Crop Farming Trade Test C	41	20	61
Dress Making Trade Test C	51	5	56
National Certificate in Secretarial Studies	11		11
Total	103	25	128

Table E1.29: Tswapong Bokone Brigades Centre

Programme Name	Female	Male	Total
Bricklaying & Plastering Trade Test B	1	17	18
Bricklaying & Plastering Trade Test C	12	32	44
Carpentry & Joinery Trade Test B	2	13	15
Carpentry & Joinery Trade Test C	13	15	28
Certificate in computer studies	7	8	15
National certificate in secretarial studies	7	3	10
Total	42	88	130

Table E1.30: Tswelelopele Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test C	16	64	80
Bricklaying & Plastering, Trade Test C	5	23	28
Carpentry & Joinery, Trade Test C	15	41	56
Architectural Draughting, National Craft Certificate	19	31	50
Auto Mechanics, National Craft Certificate (NCC)	11	7	18
Bricklaying & Plastering, National Craft Certificate (NCC)	6	34	40
Carpentry & Joinery, National Craft Certificate (NCC)	2	14	16
Total	74	214	288

Table E1.31: Tutume Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics Trade B	8	19	27
Auto Mechanics Trade C	5	12	17
Bricklaying & Plastering Trade B		11	11
Bricklaying & Plastering Trade C	9	23	32
Carpentry & Joinery Trade C	15	39	54
Certificate in Accounting & Business Studies	25	2	27
Total	62	106	168

Table E1.32: Zwenshambe Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test C	14	34	48
Bricklaying & Plastering, Trade Test C	17	58	75
Carpentry & Joinery C, Trade Test C	20	32	52
Total	51	124	175

Student Enrolment by Programme- Vocational Training Centres (ISCED Level 4)

Table E1.33: Jwaneng Technical College

Programme Name	Female	Male	Total
Bricklaying & Plastering Trade Test C	2	20	22
Carpentry & Joinery Trade Test C	17	34	51
Electrical Installation Trade Test C	14	65	79
Painting & Decoration Trade Test C	28	22	50
National Craft Certificate in Bricklaying & Plastering	8	24	32
Total	69	165	234

Table E1. 34: Maun Technical College

Programme Name	Female	Male	Total
Bricklaying and Plastering Trade Test C	8	40	48
Carpentry and Joinery Trade Test C	14	48	62
Dressmaking Trade Test C	47		47
Electrical Installation Trade Test C	23	51	74
Hospitality Operations Trade Test C	13	4	17
Maintenance Fitting Trade Test C	7	31	38
Painting & Decoration Trade Test C	22	12	34
Panel Beating and Spray Painting Trade Test C		50	50
Plumbing & Pipe Fitting Trade Test C	12	41	53
Welding and Fabrication Trade Test C	4	30	34
Bricklaying and Plastering NCC		16	16
Certificate in Accountancy and Business Studies	16	1	17
Total	166	324	490

Table E1. 35: Palapye Technical College

Programme Name	Female	Male	Total
Auto Electrics	13	25	38
Auto Mechanics	3	45	48
Bricklaying & Plastering	7	37	44
Carpentry & Joinery	5	19	24
Certificate in Accounting	4	2	6
Certificate in Secretarial Studies	2	4	6
Clothing Design & Technology	50	2	52
Electrical & Installations	17	36	53
Machine Fitting	6	34	40
Painting & Decoration	29	18	47
Plumbing & Pipefitting	34	42	76
Welding & Fabrication	4	7	11
Welding & Fabrication	10	25	35
Total	184	296	480

Table E1. 36: Selibe Phikwe Technical College

Programme Name	Female	Male	Total
Certificate in Accounting and Business Studies	4	12	16
Dressmaking Trade Test c	41	2	43
Electrical Trade test C	16	28	44
Electronics Trade test C	16	22	38
Information & Communication Technology	21	9	30
National Certificate in Secretarial Studies	11	3	14
National craft certificate	13	2	15
Trade Test C Auto mechanics	9	30	39
Welding & Fabrication Trade Test C	7	45	52
Total	138	153	291

Table E2. 1: ABM University College

Programme Name	2018/19	2019/20	2020/21
Association of Accounting Technicians (AAT)	6	6	
Chartered Institute of Management Accountants (CIMA)	41	41	
Chartered Institute of Purchasing & Supply (CIPS)	47	47	27
Certificate in Electrical and Electronic Engineering	4		51
Certificate in Financial Management			1
Certificate in Human Resource Management			3
Certificate in Secretarial Studies			2
Certificate in Tourism & Hospitality Management		1	27
Diploma in Business Management		2	7
Diploma in Electrical and Electronic Engineering		4	9
Diploma in Financial Management			7
Diploma in Human Resource Management			1
Diploma in Marketing Management		4	2
Diploma in Secretarial Studies	35	15	74
Diploma in Tourism & Hospitality Management			1
Advanced Diploma in Business Management		3	
Advanced Diploma in Business Information Systems		1	
Advanced Diploma in Electrical & Electronics (Level 5)	202	199	119
Advanced Diploma in Financial Management (abe)		1	1
Advanced Diploma in Human Resource Management		2	
Advanced Diploma in Travel, Tourism & Hospitality Management		1	
Bachelor of Arts (Hons) in Business Management		1	
Bachelor of Arts (Hons) in Marketing Management	44	30	32
Bachelor of Arts (Hons) Tourism & Hospitality Management	122	96	109
Bachelor of Science Financial Management	92	88	64
Bachelor of Science Marketing Management		30	
Total	596	542	537

Table E2. 2: Arthur Portland

Programme Name	2018/19	2019/20	2020/21
Association of Accounting Technicians (AAT)	37	38	4
Association of Chartered Certified Accountants (ACCA)	100	214	20
Botswana Institute of Chartered Accountants (BICA)	10	12	2
Chartered Financial Analyst (CFA)	6	57	56
Chartered Institute of Management Accountants (CIMA)	39	88	11
Total	192	409	93

Table E2. 3: Assembly Bible College

P733	2018/19	2019/20	2020/21
Diploma in Biblical Theology & Ministry	38		
Advanced Diploma in Biblical Theology & Ministry		42	27
Bachelor of Arts in Biblical Theology & Ministry		26	14
Total	38	68	41

Table E2. 4: AWIL College

Programme Name	2018/19	2019/20	2020/21
Bachelor of Arts (Live Performance)	50	27	28
Bachelor of Arts (Motion Picture Medium)	128	282	188
Hons In Motion Picture	93	36	
Total	278	345	216

Table E2. 5: Ba Isago University

Programme Name	2018/19	2019/20	2020/21
Foundation in Accountancy	16	2	
Certificate in Business Management	44	43	39
Certificate in Court Administration		7	5
Certificate in Entrepreneurship	1	5	7
Certificate in Law	16	19	21
Certificate in Real Estate	64	43	40
Certificate In Vocational Education & Training	42		
Diploma In Accounting	7	2	3
Diploma In Court Administration	22	13	11
Diploma In Insurance	22	5	6
Diploma In Law	16	15	13
Diploma in Marketing	8	6	8
Diploma in Occupational Health and Safety		12	
Diploma in Occupational Health and Safety Management	120	100	102
Diploma In Real Estate	86	64	69
Diploma In Transport Management & Logistics	48	61	56
National Professional Diploma in Education (Foundation)	5	3	
National Professional Diploma in Education (intermediate)		10	10
Bachelor of Arts (Law & Public Administration)	82	257	232
Bachelor of Commerce (Accounting)	88	85	98
Bachelor of Commerce (Banking & Finance)	248	107	94
Bachelor of Commerce (Economics)	169	161	151
Bachelor of Commerce (Entrepreneurship)	99	86	83
Bachelor of Commerce (Human Resource Management)	5	9	12
Bachelor of Commerce (Marketing Management)	45	49	58
Bachelor of Commerce (Real Estate)	351	375	360
Bachelor of Commerce (Risk Management)	25	15	21
Bachelor of Commerce (Transport Management & Logistics)	264	459	433
Bachelor of Commerce (Hons) Actuarial Science		1	1
Bachelor of Commerce (Hons)(Risk Management & Insurance)	169	131	111
Bachelor of Education (Early Child Development)	214	237	246
Bachelor of Education (General) Revised	4	4	2
Bachelor of Science Degree in Quantity Surveying	302	405	396
Association of Chartered Certified Accountants (ACCA)	6	15	18
Total	2,615	2,806	2,706

Table E2. 6: Boitekanelo College

Programme Name	2018/19	2019/20	2020/21
Certificate in Dental Surgery Assisting		4	21
Certificate in Emergency Medical Care	14	35	17
Certificate in Health Care Assistance	30	36	60
Certificate in Health Education Assistance	9		
Certificate in Occupational Health And Safety	12		
Certificate in Phlebotomy		2	
Diploma in Counselling			1
Diploma In Emergency Care Technology	98	51	76
Diploma In Health Care Management	10	13	10
Diploma In Health Education & Promotion	37	7	2
Diploma in Occupational Health and Safety	66	32	31
Higher Diploma In Pharmacy	157	176	226
National Diploma In Clinical Technology	76	68	74
Bachelor of Arts Counselling	248	215	218
Bachelor of Arts Health Care Service Management	274	406	393
Bachelor of Science Health Promotion & Education	277	337	313
Bachelor of Science In Emergency Medical Care	70	148	156
Bachelor of Science In Occupational Health Safety	413	555	607
Bachelor of Science In Nutrition & Dietetics	90	52	21
Total	1,881	2,137	2,226

Table E2. 7: Bosabosele Training Institute

Programme Name	2018/19	2019/20	2020/21
Certificate in Early Childhood Education	494	259	182
Certificate in HIV/AIDS Care & Counselling			3
Certificate in Security, Risk and loss Control		51	45
Certificate in Social Work	48	85	59
Certificate of Proficiency in Insurance	13	62	43
Diploma in Early Childhood Education		60	4
Diploma in Education	1	3	6
Diploma in Social Work	58	146	79
Advanced Diploma in Early Childhood Education	38	3	45
Bachelor of Arts in Community Development	33	55	64
Bachelor of Education in Early Childhood Education	48	59	62
Total	733	783	592

Table E2. 8: Botho University

Programme Name	2018/19	2019/20	2020/21
Certificate in Childcare	6		
Certificate in Computer Hardware Maintenance & Networking	4	2	1
Certificate in Database Administration			1
Certificate in Electrical Installation and Maintenance	4		
Certificate in Web Design			6
Professional Diploma (Hons) in Computing		4	
Professional Diploma (Hons) in Jewellery Management & Design	5		
Professional Diploma Network Security & Computer Forensic	1	1	
Post Graduate Diploma in Higher Education	25	71	61
Bachelor of Education (Hons) Primary Education	12	21	27
Bachelor of Engineering (Computer Engineering)	130	123	120
Bachelor of Engineering (Electrical Engineering)	150	146	180
Bachelor of Science (Hons) in Accounting	492	294	185
Bachelor of Science Business Management	234	176	164
Bachelor of Science (Hons) in Computing	329	201	143
Bachelor of Science (Hons) in Finance	250	282	185
Bachelor of Science (Hons) in Health Information Management	953	765	581
Bachelor of Science (Hons) in Hospitality Management	204	192	141
Bachelor of Science (Hons) in Jewellery Management & Design	83	95	35
Bachelor of Science (Hons) in Mobile Computing	87	76	34
Bachelor of Science (Hons) in Multimedia Systems	89	79	44
Bachelor of Science (Hons) in Network Security & Forensics	386	298	225
Bachelor of Science (Hons) in Sports Management	29	28	4
Master of Business Administration	17	56	55
Master of Education in Higher Education	49	49	58
Master of Science in Computer Systems Management	33	35	39
Association of Accounting Technician (AAT)	144	108	63
Association of Chartered Certified Accountants (ACCA)	56	154	29
Botswana Institute of Chartered Accounts (BICA)	14	14	6
Chartered Institute of Managements Accountants (CIMA)	74	62	31
Faculty of Computing Exchange Programme	5	5	12
Professional Qualification in International Public Financial Management	8	11	15
Professional Development Programmes			124
Total	3,877	3,344	2,569

Table E2. 9: Botswana Institute of Bankers

Programme Name	2018/19	2019/20	2020/21
Certificate in banking	86	159	126
Associate Diploma in banking			52
Total	86	159	177

Table E2.10: DDT College of Medicine

Programme Name	2018/19	2019/20	2020/21
Bachelor of Doctor Assistance	96	84	54
Bachelor of Medical Laboratory Science	148	171	120
Bachelor of Pharmacy	137	158	143
Total	484	512	393

Table E2. 11: Flying Mission - Aircraft Maintenance, Engineering Training School

Programme Name	2018/19	2019/20	2020/21
Diploma in Aircraft Maintenance & Engineering	42	57	55
Total	42	57	55

Table E2. 12: Kgolagano College

Programme Name	2018/19	2019/20	2020/21
Certificate in Theology	5	6	5
Diploma in Theology	16	19	25
Bachelor of Theology	29	21	25
Preachers Course	7		
Total	57	46	55

Table E2. 13: Gaborone Institute of Professional Studies

Programme Name	2018/19	2019/20	2020/21
Association of Accounting Technicians (AAT)	11	14	13
Association of Chartered Certified Accountants (ACCA)		10	1
Diploma In Accounting	15	40	
Diploma In Business Skills		2	
Diploma In Computing	14	25	42
Advanced Diploma in Automotive Electrical Engineering	30	49	
Advanced Diploma in Diesel Plant Engineering	62	104	97
Advanced Diploma International Tourism	9	9	10
Advanced Diploma in Motor Vehicle Repair & Refinishing	5	9	9
Bachelor of Arts in Public Administration		8	8
Bachelor of Business Administration (Accounting & Finance)	24	35	15
Bachelor of Business Administration (Marketing)	3	3	3
Bachelor of Business Administration (Business Management)	19	26	8
Bachelor of Business Administration (Strategic Management)	45	83	71
Bachelor of Business Administration (Travel &Tourism Management)	91	95	6
Bachelor of Commerce Banking & Finance	84	91	
Bachelor of Commerce Entrepreneurship	37	42	10
Bachelor of Commerce (Logistics and Supply Chain Management)	33	57	
Bachelor of Commerce (Purchasing & Supply Management)	42	59	154
Bachelor of Science Computer Science	2	1	1
Bachelor of Science Forensic Accounting & Finance	12	25	33
Bachelor of Science Information Technology		8	2
Total	542	795	573

Table E2. 14: Gaborone Universal College of Law

Programme Name	2018/19	2019/20	2020/21
Certificate in Law	1		
Chartered Institute of Purchasing & Supply (CIPS)	7	27	5
Diploma in Agriculture	1		
Diploma in Child Law		1	
Diploma in Court Administration	6	6	4
Diploma in Criminology			32
Diploma in Early Childhood Education	110	164	228
Diploma in Electronics	1	5	2
Diploma in Events Management	6	3	
Diploma in Labour Law	2	7	9
Diploma in Law	105	224	227
Diploma in Motor Vehicle Engineering	2	72	72
Diploma in Occupational Health & Safety			59
Diploma in Policing		2	2
Diploma in Public Health	18	24	35
Diploma in Procurement and Supply	12	27	32
Diploma in Strategic Leadership in Policing & Security		11	16
Diploma in Transport Planning & Management	14	19	20
Diploma in Water and Environmental Engineering	1	3	6
Advanced Diploma in Criminology		5	1
Advanced Diploma in Early Childhood Education	5		
Advanced Diploma in Occupational health & Safety Environment law	70	116	114
Advanced Diploma in Procurement and Supply	1		
Advanced Diploma in Procurement and Supply	1		
Advanced Diploma in Purchasing & Supply Management	6		20
Advanced Diploma in Security Management & Legal Studies		9	
Bachelor of Arts (Public Health)	379	394	319
Bachelor of Arts (Law & Public Administration)		241	242
Bachelor of Business Administration (Entrepreneurship)	14	14	12
Bachelor of Business Administration (Security management)	23		
Bachelor of Business Administration (Occupational Health & Safety)	452	658	570
Bachelor of Commerce in Accountancy	1	1	6
Bachelor of Commerce in Purchasing & Supply management	107	93	67
Bachelor of Commerce in Travel & Tourism	25	25	22
Bachelor of Education (Early childhood Education)	199	238	235
Bachelor of Law (Public Administration)	15		54
Bachelor of Science in Health Promotion & Disease Prevention	10	19	24
Bachelor of Technology In Construction Engineering	200	351	327
Master of Education (Early Childhood)	3	3	3
Master Public Health	2	2	2
Master of Science Occupational Health & Safety	7	7	7
Total	1,819	2,770	2,834

Table E2.15: Imperial School of Business

Programme Name	2018/19	2019/20	2020/21
Certificate Business Management	11	7	8
Certificate in Entrepreneurship	3	4	6
Certificate in Logistics & Transport	2	2	2
Certificate in Marketing, Advertising & Public Relations Management	11	7	5
Certificate in Project Management	8		
Certificate in Travel, Tourism & Hospitality Management (operations)	6	3	5
Certificate of Proficiency		6	4
Association of Accounting Technicians (AAT)	56	19	8
Association of Chartered Certified Accountants (ACCA)	21	14	10
Bachelor of Business Administration (Business Management)	2	11	11
Bachelor of Business Administration (Entrepreneurship)	32	28	37
Bachelor of Business Administration (Finance & Banking)	120	111	99
Bachelor of Business Administration (Logistic & Transport Management)	18	149	139
Bachelor of Business Administration (Travel Tourism & Hospitality)	63	64	72
Chartered Institute of Management Accountants (CIMA)	5	4	3
Total	358	429	409

Table E2.16: Limkokwing University of Creative Technology

Programme Name	2018/19	2019/20	2020/21
Certificate in Broadcasting Radio & Television	33	1	
Certificate in Digital Video			1
Certificate in Hospitality Management		13	2
Certificate in Retail & Marketing Management			1
Diploma in Architectural Technology	115	6	8
Diploma in Broadcasting (BRTV)	146		
Diploma in Digital Video	150		
Diploma in Events Management	164		
Diploma in Fashion and Textile Design	131		
Diploma in Graphic Design	101		
Diploma in Hospitality Management	175	2	
Diploma in Interior Design	84	3	1
Diploma in Merchandising & Retailing	131		
Diploma in Music Design	107	2	
Diploma in Product Design	122		
Diploma in Retail & Marketing Management	186		1
Diploma in Tourism Management	182	4	3
Associate Degree in Advertising	6	11	5
Associate Degree in Architectural Technology	136	217	221
Associate Degree in Broadcasting (Radio & Television)	44	4	3
Associate Degree in Business Information System	18	8	5
Associate Degree in Business Management	14	7	5
Associate Degree in Creative Multimedia	4	4	2
Associate Degree in Digital Video	1		1
Associate Degree in Events Management	1	1	1
Associate Degree in Fashion & Apparel Design	57	64	77
Associate Degree in Fine Art	12	16	
Associate Degree in Graphic Design	8		18
Associate Degree in Hotel Management	1	1	
Associate Degree in Information Technology	3		
Associate Degree in Interior Design	6	22	27
Associate Degree in Journalism & Media	9	7	7
Associate Degree in Marketing	11	2	1
Associate Degree in Merchandising & Retailing	10		
Associate Degree in Multimedia & Software Engineering		1	
Associate Degree in Packaging Design and Technology	1		

Programme Name	2018/19	2019/20	2020/21
Associate Degree in Public Relations	10	3	1
Associate Degree in Retail Management	2	1	
Associate Degree in Software Engineering		2	1
Associate Degree in Sound Technology	47	45	49
Associate Degree in Textile	33	199	243
Associate Degree in Tourism Management	20	3	2
Associate Degree in Television & Film Production	5	6	6
Associate Degree in Web Design	12	2	1
Bachelor of Arts (Hons) in Broadcasting & Journalism	483	408	419
Bachelor of Arts (Hons) in Creative Multimedia	143	162	167
Bachelor of Arts (Hons) in Digital Film & Television	157	204	264
Bachelor of Business (Hons) in Entrepreneurship	107	113	87
Bachelor of Arts (Hons) in Event Management	126	123	92
Bachelor of Arts (Hons) in Industrial Design	105	190	176
Bachelor of Arts in Interior Architecture	215	110	61
Bachelor of Business (Hons) Finance & Banking		76	95
Bachelor of Business (Hons) Hospitality Management		46	66
Bachelor of Business (Hons) International Business	239	253	222
Bachelor of Business (Hons) in Tourism Management	276	249	214
Bachelor of Design (Hons) Professional Design	159	555	507
Bachelor of Science (Hons) in Electronic Commerce	35	4	1
Bachelor of Science (Hons) Software Engineering with Multimedia	131	102	110
Bachelor of Science (Hons) Information Technology	14	41	46
Total	4,488	3,293	3,244

Table E2.17: Logan Business College

Programme Name	2018/19	2019/20	2020/21
Bachelor of Science in Forensic Financial Accounting			7
Total			7

Table E2.18: Management College of Southern Africa

Programme Name	2018/19	2019/20	2020/21
Bachelor of Business Administration	45	23	10
Bachelor of Commerce (Business Information & Technology Management)		3	2
Bachelor of Commerce (Human Resource Management)	12	4	2
Bachelor of Commerce (Financial Management)		1	
Bachelor of Commerce (Marketing Management)	9	7	
Bachelor of Public Administration	3		
Bachelor of Commerce (Supply Chain Management)	49	58	11
Master of Business Administration	13	6	
Total	131	102	25

Table E2.19: Megasize College

Programme Name	2018/19	2019/20	2020/21
Certificate in CIPS		8	4
Diploma in CIPS		11	9
Diploma in Fleet Management	65	34	16
Advanced Diploma in Purchasing & Supply	7	3	2
Professional Diploma in Purchasing & Supply		7	1
Bachelor of Science in Procurement & Supply	41	52	51
Total	124	113	74

Table E2.20: New Era College of Arts and Technology

Programme Name	2018/19	2019/20	2020/21
Certificate in Accommodation, Operations & Services	5	5	5
Certificate in Construction Industry	37	17	15
Certificate in Telecommunications	8		
Diploma in Accommodation Operations & Services	9	12	5
Diploma in Construction Industry	31	28	30
Diploma in Electrical & Electronics Engineering	88	125	109
Diploma in Telecommunications	52		
Advanced Diploma in Accommodation Operations & Services		7	1
Advanced Diploma In Construction Industry (City & Guilds)	99	56	37
Advanced Diploma Telecommunications Systems	26	103	24
Bachelor of Communications Engineering	113	107	170
Bachelor of Electrical & Electronics Engineering	278	435	465
Total	746	895	861

Student Enrolments by Programme Public Institutions

Table E3. 1: Botswana Accountancy College

Programme Name	2018/19	2019/20	2020/21
Association of Accounting Technicians (AAT)	779	703	220
Association of Chartered Certified Accountants (ACCA)	248	319	58
Certificate in Business Accounting	76		
Certificate in Business Studies (intermediate)	8		
Certificate in Finance Non-Finance Managers	27	17	17
Certificate of Health Insurance	3	2	1
Certificate of Insurance (Life, Commercial & Personal)	10	8	9
Certificate in Practice of Long-term Insurance	157	146	61
Certificate in Practice of Retirement Funds	25	34	11
Certificate in Practice of Short Term Insurance	90	154	43
Post Graduate Certificate in Enterprise Risk Management	175	190	105
Post Graduate Certificate in Infrastructure Finance	4		4
Post Graduate Certificate in Public Sector Procurement & Tender Process Management	51	32	17
Post Graduate Certificate in Public Sector Project Management		16	21
Certified Network Associate (Cisco)		18	
Chattered Institute of Management Accountants (CIMA)	139	226	118
Chattered Institute of Procurement and Supply	244	476	235
Insurance -Certificate of Proficiency	149		
Insurance Institute of South Africa (IISA)		43	
Post Graduate Diploma in Advanced Taxation	18	23	20
Bachelor of Arts (Hons) in Accounting & Finance	270	283	218
Bachelor of Arts (Hons) in Business Management	142	244	308
Bachelor of Arts (Hons) in International Finance & Banking	221	216	200
Bachelor of Arts (Hons) International Hospitality Management	99	101	76
Bachelor of Arts (Hons) International Travel & Tourism Management	266	282	235
Bachelor of Arts (Hons) Business Leadership & Entrepreneurship	210	232	233
Bachelor Degree in Insurance (Professional)	56	114	105
Bachelor of Science (Hons) Applied Business Computing	161	131	105
Bachelor of Science (Hons) Business Intelligence & Data Analytics	67	154	271
Bachelor of Science (Hons) Computer Systems Engineering	353	369	338
Bachelor of Science (Hons) Information Communication Technologies	46	56	64
Bachelor of Science (Hons) Mobile Technology	98	99	59
Bachelor of Science (Hons) Network Computing	27	27	45
Botswana Institute of Chartered Accountants (Professional)	173	205	
Fundamental Business Communication/Calculations/ Organisational	24	16	9
Systems, Applications & Products Enterprise Resource (SAP)		1	
Total	4,416	4,945	3,206

Table E3. 2: Botswana College of Engineering & Technology

Programme Name	2018/19	2019/20	2020/21
National Craft Certificate in Auto Electronics	42	25	
National Craft Certificate in Automotive Mechanics	27	16	
National Craft Certificate in Fitter Machining			15
National Craft Certificate in Heavy Plant Mechanics	25	30	18
National Craft Certificate in Maintenance Fitting	37	14	66
National Craft Certificate in Penal Beating and Spray Painting	30	25	
National Craft Certificate Welding &Fabrication	35	20	65
Diploma in Building and Civil Engineering	137	137	104
Diploma in Electrical & Electronic Engineering	105	132	121
Diploma in Water & Environmental Engineering	108	107	108
Diploma in Geomatics	78	86	108
Diploma in Mechanical Engineering	134	141	185
Total	758	733	790

Table E3. 3: Botswana International University of Science and Technology

Programme Name	2018/19	2019/20	2020/21
Bachelor of Engineering (Chemical)		85	98
Bachelor of Engineering Chemicals, Materials & Metallurgical Engineering	70		
Bachelor of Engineering (Civil & Environmental)	119	106	107
Bachelor of Engineering (Computer & Telecommunications)	104	99	85
Bachelor of Engineering (Electrical & Electronics)	121	122	115
Bachelor of Engineering (Energy Engineering)	1		
Bachelor of Engineering (Geological Engineering)	113	104	90
Bachelor of Engineering (Industrial & Manufacturing)	108	105	84
Bachelor of Engineering (Materials & Metallurgical)	52	53	70
Bachelor of Engineering (Measurement & Instrumentation)	38	14	3
Bachelor of Engineering (Mechanical & Energy)	161	118	112
Bachelor of Engineering (Mechatronics Engineering)	34	12	4
Bachelor of Engineering (Mechatronics & Industrial Instrumentation)	69	101	121
Bachelor of Engineering (Mining Engineering)	89	70	74
Bachelor of Engineering (Telecommunication)	5		
Bachelor of Sciences (Biological Sciences & Biotechnology)	64	89	95
Bachelor of Sciences (Computer Science & Software Engineering)	60	72	85
Bachelor of Sciences (Earth & Environmental Sciences)	42	54	59
Bachelor of Sciences (Environmental Sciences)	59	62	60
Bachelor of Sciences (Environmental and Analytical Chemistry)	8	8	2

Programme Name	2018/19	2019/20	2020/21
Bachelor of Sciences (Forensic Sciences)	52	66	83
Bachelor of Sciences (Geology)	73	84	90
Bachelor of Sciences (Information Systems & Data Management)	46	43	43
Bachelor of Sciences (Mathematics & Applied Mathematics)	54	59	60
Bachelor of Science (Materials & Nano Chemistry)	2	3	2
Bachelor of Science (Pure & Applied Chemistry)	61	71	79
Bachelor of Sciences (Physics)	63	74	76
Bachelor of Sciences (Statistics)	28	35	42
Master of Engineering (Chemical Engineering)		5	16
Master of Engineering (Chemicals, Materials & Metallurgical Engineering)	4		
Master of Engineering (Civil and Environmental)	5	11	13
Master of Engineering (Computer & Telecommunication Engineering)	11	16	11
Master of Engineering (Electrical & Electronics)	7	4	7
Master of Engineering (Geological Engineering)	5	5	3
Master of Engineering (Industrial & Manufacturing)	4	6	6
Master of Engineering (Materials & Metallurgical Engineering)	1	2	5
Master of Engineering (Mechanical and Energy)	5	11	22
Master of Engineering (Mechatronics & Industrial Instrumentation Engineering)	5	10	16
Master of Engineering (Mining Engineering)	13	10	10
Master of Sciences (Biological Sciences)	9		
Master of Sciences (Biology & Biotechnology)	13	29	36
Master of Sciences Chemistry (Pure and Applied)	19	22	29
Master of Science (Computer Science)		23	19
Master of Sciences (Computer Science & Software Engineering)	18		
Master of Sciences (Earth and Environmental Sciences)	1	5	1
Master of Sciences (Environmental Sciences)	9	11	16
Master of Sciences (Forensic Sciences)	1	2	8
Master of Sciences (Geology)	17	24	26
Master of Sciences (Information Systems & Data Management)	8	3	9
Master of Sciences (Physics)	17	18	21
Master of Sciences (Pure & Applied Mathematics)	16	15	12
Master of Sciences (Statistics)	9	13	15
Doctor of Philosophy (Biological Sciences)	7	7	
Doctor of Philosophy (Biological Sciences & Biotechnology)			10
Doctor of Philosophy (Chemicals, Materials & Metallurgical Engineering)	4		
Doctor of Philosophy (Chemical Engineering)		2	6

Programme Name	2018/19	2019/20	2020/21
Doctor of Philosophy (Chemistry)	8	8	10
Doctor of Philosophy (Civil & Environmental Engineering)	1	4	6
Doctor of Philosophy (Computer & Telecommunications Engineering)	3	6	9
Doctor of Philosophy (Computer Science & Software Engineering)	7	10	9
Doctor of Philosophy (Earth and Environmental Sciences)	1		1
Doctor of Philosophy (Electrical & Electronics Engineering)	4	4	5
Doctor of Philosophy (Environmental Sciences)	1	3	6
Doctor of Philosophy (Forensic Sciences)			1
Doctor of Philosophy (Geological Sciences)	5	6	9
Doctor of Philosophy (Industrial & Manufacturing Engineering)	1	2	4
Doctor of Philosophy (Information Systems & Data Management)	6	4	5
Doctor of Philosophy (Materials & Metallurgical Engineering)	7	3	5
Doctor of Philosophy (Mechanical and Energy Engineering)	1	4	6
Doctor of Philosophy (Mechatronics & Industrial instrumentation)	2	1	
Doctor of Philosophy (Mining Engineering)			1
Doctor of Philosophy (Physics)	4	6	7
Doctor of Philosophy (Pure & Applied Mathematics)	10	7	10
Doctor of Philosophy (Statistics)	2	4	10
Total	1,966	2,035	2,160

Table E3. 4: Botswana Open University

Programme Name	2018/19	2019/20	2020/21
Certificate in Microsoft Office Suite (Foundation)	44		
Certificate in Community Based Work	144	35	42
Certificate in Disaster Management	61	52	33
Certificate for Distance Education Practitioners	25	37	25
Certificate in Small Scale Business Management	71	82	
Certificate in Vocational Education and Training	91		
Diploma in Business Management	818	662	386
Diploma in Human Resource Management	934	695	555
Diploma in Integrated Early Childhood Development	1,427	2,665	2,910
Bachelor of Business Administration	565	587	434
Bachelor of Arts in Business and Entrepreneurship	307	241	149
Bachelor of Commerce in Human Resource & Labour Relations	472	425	281
Bachelor of Education (Primary)	224	118	109
Bachelor of Education Special & Inclusive Education	119	165	189
Bachelor of Integrated Early Childhood Development	215	178	168
Master of Business Administration	154	189	199
Master of Education (Educational Leadership)	190	161	174
Master of Public Administration	82	74	68
Postgraduate Certificate in Quality Assurance	81	46	52
Total	6,024	6,412	5,774

Table E3. 5: Botswana University of Agriculture & Natural Sciences

Programme Name	2018/19	2019/20	2020/21
Diploma in Agricultural Extension	58	58	46
Higher Diploma in Agriculture	20	11	7
Higher Diploma in Animal Health & Production	65	63	50
Higher Diploma in Forestry & Range Ecology	10	9	3
Bachelor of Science in Agriculture	76	80	74
Bachelor of Science in Agricultural Economics	176	158	129
Bachelor of Science in Agricultural Education	46	47	48
Bachelor of Science in Agricultural Extension	20	6	7
Bachelor of Science in Agricultural Mechanization	103	95	90
Bachelor of Science in Animal Science	244	232	279
Bachelor of Science in Crop Science	78	61	64
Bachelor of Science in Food Science & Technology	197	215	251
Bachelor of Science in Range Science	58	67	60
Bachelor of Science in Soil & Water Conservation Engineering	191	202	187
Master of Science in Agricultural Education	2	2	1
Master of Science in Agricultural Engineering	11	5	9
Master of Science in Animal Science	14	13	9
Master of Science in Crop Science	15	15	8
Doctor of Philosophy Animal Science (Animal Nutrition)	1	1	3
Doctor of Philosophy Animal Science (Animal Health)	1		
Doctor of Philosophy Animal Science (Breeding & Reproduction)	1	1	2
Doctor of Philosophy Crop Science (Agronomy)	1	1	3
Doctor of Philosophy Crop Science (Crop Protection)			2
Doctor of Philosophy Crop Science (Horticulture)		2	3
Total	1,388	1,344	1,335

Table E3. 6: Botswana Wildlife Training Institute

Programme Name	2018/19	2019/20	2020/21
Certificate in Wildlife Management & Conservation	60	53	
Diploma in Wildlife Management & Conservation	24		
Total	84	53	

Table E3. 7: Defence Command Staff College

Programme Name	2018/19	2019/20	2020/21
Senior Command and Staff Program		57	0
Total		57	0

Colleges of Education

Table E3. 8: Molepolole College of Education

Programme Name	2018/19	2019/20	2020/21
Diploma in Secondary Education	200	268	295
Total	200	268	295

Table E3. 9: Serowe College of Education

Programme Name	2018/19	2019/20	2020/21
Diploma in Early Childhood Care	93	88	84
Diploma in Primary Education	365	457	452
Total	458	545	536

Table E3. 10: Tlokweng College of Education

Programme Name	2018/19	2019/20	2020/21
Diploma in Primary Education	249	265	264
Total	249	265	264

Table E3. 11: Tonota College of Education

Programme Name	2018/19	2019/20	2020/21
Diploma in Secondary Education	267	331	452
Total	267	331	452

Table E3. 12: Francistown College of Technical and Vocational Education

Programme Name	2018/19	2019/20	2020/21
BTEP Certificate (Applied Laboratory Science)	32	30	36
BTEP Certificate (Hospitality Operations)	20	39	23
BTEP Certificate (Sport, Recreation & Leisure)		35	50
BTEP Certificate (Travel & Tourism)		19	21
Certificate in Clothing Design & Textiles		30	32
Certificate in Hair Dressing & Beauty therapy	39	102	65
Advanced Certificate in Hair Dressing	27	10	
Advanced Certificate in Information, Communication & Technology			18
National Craft Certificate Carpentry & Joinery			23
National Craft Certificate Industrial Electrical		7	16
National Craft Certificate Instrumentation Mechanic		10	
National Craft Certificate Maintenance Fitting		6	16
National Craft Certificate Millwright		6	
National Craft Certificate Plumbing & Pipe Fitting		10	
National Craft Certificate Refrigeration & Air Conditioning		11	14
National Craft Certificate Wielding & Fabrication			15
Diploma in Accounting & Business Studies	20	40	40
Diploma in Culinary Arts	9	8	8
Diploma in Hospitality Management	10	7	17
Diploma in Systems Administration	25	11	6
Diploma in Travel Management		19	38
Diploma in Travel & Tourism		38	19
National Diploma in Secretarial Studies	39	69	20
Advanced Technician Diploma in Construction	93		
Postgraduate Diploma in Technical & Vocational Education & Training		44	42
Total	314	551	519

Table E3. 13: Gaborone Technical College

Programme Name	2018/19	2019/20	2020/21
Access to Hospitality Operations		13	12
Access to Retail Business		14	12
BTEP Certificate in Beauty Therapy	69	46	31
BTEP Certificate Clothing Design & Textiles	41	82	33
BTEP Certificate in Hairdressing	15	39	28
BTEP Certificate in Hospitality Operations	25		
BTEP Diploma in Systems Administration		7	31
Certificate in Hospitality Operations		14	19
Certificate in Travel and Tourism		29	18
Certificate in Retail Business	14		
Diploma in Culinary Arts	17	33	28
Diploma in Electrical & Electronic Engineering		22	
Diploma in Hospitality Management	15	31	35
Diploma in Secretarial Studies	28	38	34
Diploma in System Administration	28		
Diploma in Travel Management		98	47
Diploma in Travel and Tourism	48		
National Diploma in Accountancy & Business Studies	31	32	32
Technician Diploma in Electrical & Electronics Engineering	53		53
Higher National Diploma in Secretarial Studies	15		11
Total	399	498	476

Table E3. 14: Institute of Development Management

Programme Name	2018/19	2019/20	2020/21
Association of Accounting Technician (AAT)	54	15	14
Certificate in Accounting		28	
Certificate in Archives & Records Administration	67	62	46
Certificate in Human Resource Management	35	7	
Certificate in Procurement & Supply		5	4
Diploma in Archives & Records Administration	116	112	131
Diploma in Business		35	10
Diploma in Community Development		3	
Diploma in Computing		54	7
Diploma in Educational Management & Administration		39	10
Diploma in Human Resources Management		40	10
Diploma in Information Technology	25	16	
Diploma in Procurement & Supply		9	9
Diploma in Project Management	68	108	112
Diploma in Public Administration & Management	15		15
Diploma in Public Health Management		23	41
Advanced Diploma in Computer Studies		16	
International Diploma in Business(NCC)	22		
International Diploma in Computer Studies	59	2	1
Professional Diploma in Accounting		15	
Professional Diploma Procurement & Supply	381	497	301
Post Graduate Diploma in Monitoring and Evaluation	60	94	91
Bachelor of Archives & Records Management	370	520	496
Bachelor of Arts (Hons) Accountancy	72	72	39
Bachelor of Arts Community Development	189	240	316
Bachelor of Arts Travel & Tourism Management	62	91	107
Bachelor of Early Childhood Studies	220	316	337
Bachelor of Education (Hons) Management	6	53	58
Bachelor of Finance & Accounting	145	237	300
Bachelor of Human Resource Management	62	50	42
Bachelor of Office Management	72	55	37
Bachelor of Public Health Management	858	1,089	1,103
Bachelor of Science (Hons) Business Administration	89	74	
Bachelor of Science Business Computing & Information Systems	12	8	2
Bachelor of Science Computer Networking & Software Engineering	41	40	49
Bachelor of Science (Hons) Supply Chain Management	154	187	157
Bachelor of Science Project Management	97	208	308
Master of Science Project Management	72	68	77
Master of Science Supply Chain Management	27	35	34
Total	3,450	4,420	4,264

Institute of Health Sciences

Table E3. 15: Bamalete Lutheran School of Nursing

Programme Name	2018/19	2019/20	2020/21
Post Basic Diploma in Midwifery	22	40	39
Total	22	40	39

Table E3. 16: Institute of Health Sciences-Francistown

Programme Name	2018/19	2019/20	2020/21
Higher Diploma in General Nursing	171	157	157
Post Basic Diploma in Midwifery	36	36	34
Total	207	193	191

Table E3. 17: Institute of Health Sciences-Gaborone

Programme Name	2018/19	2019/20	2020/21
Higher Diploma in Dental Therapy	16	16	4
Higher Diploma in General Nursing	136	148	137
Higher Diploma in Medical Laboratory Technology	29	32	28
Higher Diploma in Pharmacy Technology	64	45	32
Post Basic Diploma in Family Nurse Practitioner	23	25	24
Post Basic Diploma in Midwifery	42	42	36
Total	310	308	261

Table E3. 18: Institute of Health Sciences-Lobatse

Programme Name	2018/19	2019/20	2020/21
Higher Diploma in Environmental Health	31	29	45
Higher Diploma in General Nursing	115	108	96
Post Basic Diploma in Psychiatric Mental Health	28	34	34
Total	174	171	175

Table E3. 19: Institute of Health Sciences-Molepolole

Programme Name	2018/19	2019/20	2020/21
Higher Diploma in General Nursing	158	140	125
Total	158	140	125

Table E3. 20: Institute of Health Sciences-Serowe

Programme Name	2018/19	2019/20	2020/21
Higher Diploma in General Nursing	124	131	125
Higher Diploma in Health Education	19	37	37
Total	153	168	162

Table E3. 21: Kanye Seventh Day School of Nursing

Programme Name	2018/19	2019/20	2020/21
Higher Diploma in General Nursing	162	172	99
Post Basic Diploma in Family Nurse Practitioner	18	22	22
Post Basic Diploma in Midwifery	30	30	
Total	210	224	121

Table E3. 22:Oodi College of Arts & Technology

Programme Name	2018/19	2019/20	2020/21
Certificate in Applied Laboratory Science	34	48	44
Certificate in Furniture Design & Manufacturing		17	22
Certificate in Jewellery Design & Manufacturing	16	30	21
Certificate in Sports Recreation & Leisure		41	45
Advanced certificate in Multimedia		36	22
Diploma in Multimedia	18	21	29
Diploma in Network Technician	7	23	31
Total	75	206	214

Table E3. 23: Roads Training Centre

Programme Name	2018/19	2019/20	2020/21
Roads Technician Certificate	15	0	X
Highway Engineering Technician Diploma	43	27	X
Total	58	27	X

Table E3. 24: University of Botswana

Programme Name	2018/19	2019/20	2020/21
Diploma in Accounting & Business Studies	508	478	596
Diploma in Adult Education	5	9	6
Diploma in Archives & Records Management	33	24	32
Diploma in Defence & Strategic Studies	31	35	31
Diploma in Library & Information Studies	10	12	12
Diploma in Mining Engineering		1	
Diploma in Non-Governmental Organisation Management	4	2	5
Diploma in Population Studies	23	8	9
Diploma in Social Work	13	22	55
Diploma in Statistics	20	30	29
Bachelor of Accountancy	478	423	505
Bachelor of Architecture	103	98	101
Bachelor of Arts (Chinese Studies)	45	36	36
Bachelor of Arts (Criminal Justice)	131	141	190
Bachelor of Arts (Economics)	21	43	39
Bachelor of Arts (Environmental Science)		11	7
Bachelor of Arts (Humanities)	202	163	147
Bachelor of Arts (Library & Information Studies)	44	32	19
Bachelor of Arts (Pastoral Studies)	5	3	11
Bachelor of Arts (Social Sciences)	1,362	1,278	1,444
Bachelor of Arts in Media Studies	93	76	51
Bachelor of Business Administration (Entrepreneurship & Enterprise)	176	155	150
Bachelor of Business Administration (International Business)	136	127	207
Bachelor of Business Administration (logistics & Supply Chain)	259	260	404
Bachelor of Business Administration (Management)	413	307	341
Bachelor of Business Administration (Marketing)	223	157	176
Bachelor of Business Administration (Tourism & Hospitality Management)	161	122	115
Bachelor of Design (Design & Technology)	51	53	67
Bachelor of Design (Industrial Design)	36	25	83
Bachelor of Education (Adult)	75	56	28
Bachelor of Education (Art & Design)			9
Bachelor of Education (Business)	53	41	49

Programme Name	2018/19	2019/20	2020/21
Bachelor of Education (Counselling)	185	197	148
Bachelor of Education (Early Childhood Management)	65	87	104
Bachelor of Education (Family & Consumer Sciences)	56	49	47
Bachelor of Education (Music)			3
Bachelor of Education (Physical)	161	167	215
Bachelor of Education (Primary)	32	82	217
Bachelor of Education (Science)	577	641	721
Bachelor of Education (Secondary)	19	21	15
Bachelor of Education (Special)	145	152	114
Bachelor of Education (Leadership Management)	188	20	17
Bachelor of Engineering (Civil Engineering)	170	173	141
Bachelor of Engineering (Construction & Engineering)	5		
Bachelor of Engineering (Electrical Engineering)		87	87
Bachelor of Engineering (Electrical & Electronic Engineering)	191	119	74
Bachelor of Engineering (Electronic Engineering)		37	44
Bachelor of Engineering (Industrial Engineering)	129	129	103
Bachelor of Engineering (Mechanical Engineering)	174	164	148
Bachelor of Engineering (Mineral Engineering)	46	38	27
Bachelor of Engineering (Mining Engineering)	57	37	27
Bachelor of Engineering (Real Estate)	57		
Bachelor of Finance	316	309	377
Bachelor of Fine Arts (Theatre Arts)	25	25	20
Bachelor of Geometrics	90	92	91
Bachelor of Industrial Design	60	65	39
Bachelor of Information and Knowledge Management	67	142	170
Bachelor Information Systems (Business)	103	65	64
Bachelor Information Systems (Computer Information Systems)	72	46	56
Bachelor Information Systems (Information Management)	74	60	43
Bachelor of Land Management	14	2	1
Bachelor of Laws	490	476	637
Bachelor of Library & Information Studies	51	35	13
Bachelor of Lifelong Learning & Community Development			
Bachelor of Media Studies	173	143	155
Bachelor of Medicine/Surgery	124	290	315
Bachelor of Nursing (Completion)	5		2

Programme Name	2018/19	2019/20	2020/21
Bachelor of Nursing Science (Generic)	252	261	303
Bachelor of Pharmacy	35	67	109
Bachelor of Portuguese Language			3
Bachelor of Psychology	14	16	22
Bachelor of Real Estate		83	119
Bachelor of Science (Applied Geophysics)	47	32	34
Bachelor of Science (Biological Sciences)		88	80
Bachelor of Science (Chemistry)		33	51
Bachelor of Science (Computer Science)	185	166	213
Bachelor of Science (Computing with Finance)	265	204	248
Bachelor of Science (Environmental Health)	101	114	114
Bachelor of Science (Environmental Science)		5	16
Bachelor of Science (General)	1,407	1,160	1,933
Bachelor of Science (Geology)		24	38
Bachelor of Science (HistoTechnology / Cytotechnology)	71	51	67
Bachelor of Science (Information Technology)	115	77	122
Bachelor of Science (Mathematics)		5	20
Bachelor of Science (Mathematics of Finance)	43		97
Bachelor of Science (Medical Laboratory Science)	181	156	151
Bachelor of Science (Physics)		17	22
Bachelor of Science (Physics with Meteorology)	55	65	49
Bachelor of Science (Radiation & Health Physics)	70	55	64
Bachelor of Science (Real Estate)	48	33	14
Bachelor of Science (Statistics)	10	15	17
Bachelor of Science (Urban & Regional Planning)	96	119	127
Bachelor of Social Work	327	319	346
Master (Professional) in Urban and Regional Planning	4	4	12
Master of Arts (African Languages & Literature)	7	5	5
Master of Arts (Archives & Records Management)	69	62	64
Master of Arts (Criminal Justice)			1
Master of Arts (Defence & Strategic Studies)	40	65	87
Master of Arts (Development Studies)	22	14	22
Master of Arts (Economics)	51	46	48
Master of Arts (English)	10	6	8
Master of Arts (French Studies)			7

Programme Name	2018/19	2019/20	2020/21
Master of Arts (History)	3	2	6
Master of Arts (Humanities)			2
Master of Arts (Political Science)			1
Master of Arts (Population Studies)	15	21	18
Master of Arts (Public Administration)			1
Master of Arts (Sociology)			4
Master of Arts (Statistics)	9	9	13
Master of Arts (Theology & Religious Studies)		9	9
Master of Business Administration	176	166	187
Master of Business Administration (Business Information Systems)			1
Master of Business Administration (Management)			1
Master of Business Administration (Modular)			17
Master of Development Practice	6	9	8
Master of Education (Adult Education)	11	9	5
Master of Education (Counselling & Human Services)	54	50	67
Master of Education (Curriculum & Instruction)	12	9	1
Master of Education (Early Childhood Education)		13	18
Master of Education (Educational leadership & Management)	26	23	31
Master of Education (Educational Technology)		1	13
Master of Education (Environmental Education)	1	1	1
Master of Education (Family & Consumer Sciences)		1	1
Master of Education (Gender Education)	11	8	8
Master of Education (Guidance & Counselling)			3
Master of Education (Language Education)	5	3	5
Master of Education (Mathematics Education)	17	10	10
Master of Education (Physical Education)			57
Master of Education (Primary Education)	21	2	7
Master of Education (Religious Education)	3	3	2
Master of Education (Research & Evaluation)	49	45	55
Master of Education (Science Education)	4	3	8
Master of Education (Social Studies Education)	7	2	3
Master of Education (Special Education)			2
Master of Executive Entrepreneurship	22	47	44
Master of Laws	27	27	32
Master of Library & Information Studies	16	13	12

Programme Name	2018/19	2019/20	2020/21
Master in Lifelong Learning & Community Development			6
Master of Medicine (Anesthesia)		1	4
Master of Medicine (Anatomic Pathology)	7	7	3
Master of Medicine (Emergency Medicine)	6	8	9
Master of Medicine (Family Medicine)	24	27	25
Master of Medicine (General)		1	
Master of Medicine (General Surgery)		2	2
Master of Medicine (Internal Medicine)	22	16	14
Master in Medicine (Obstetrics and Gynaecology)		4	4
Master of Medicine (Paediatrics & Adolescent Health)	21	23	26
Master of Medicine (Public Health Medicine)	11	16	16
Master in Medicine (Psychiatry)		5	5
Master of Nursing (Adult Health Nursing)	7	9	8
Master of Nursing (Community Health Nursing)	23	19	23
Master of Nursing (Family Nurse Practitioner)	17	12	14
Master of Nursing (General)	3	1	1
Master of Nursing (Parent & Child Health Nursing)	15	13	13
Master of Nursing (Psychiatric Mental Health Nursing)	6	6	6
Master in Politics & International Relations		31	41
Master of Project Management	52	36	47
Master of Public Administration			3
Master of Public Administration (Environmental Resource Management)		2	1
Master of Public Administration (Human Resource Management)		46	40
Master of Public Administration (Local Government Management)	1	1	
Master of Public Administration (Public Financial Management)	4	5	
Master of Public Administration (Public Policy & Administration)	12	9	19
Master of Research and Public Policy	45	45	47
Master of Science (Applied Microbiology)	7	6	2
Master of Science (Applied Geophysics)			1
Master of Science (Chemistry)	26	21	23
Master of Science (Civil Engineering)	23	26	41
Master of Science (Computer Information Systems)	11	9	18
Master of Science (Computer Science)	12	15	16

Programme Name	2018/19	2019/20	2020/21
Master of Science (Electrical & Electronic Engineering)	24	20	26
Master of Science (Environmental Science)	54	47	62
Master of Science (General)		1	
Master of Science (Hydrogeology)	16	6	16
Master of Science (Mathematics)	17	3	17
Master of Science(Mechanical Engineering)	6	3	5
Master of Science (Physics)	9	6	10
Master of Social Work (General)	10	2	13
Master of Social Work (Clinical Social Work)	22	19	18
Master of Social Work (Social Policy & Administration)	11	9	14
Master of Social Work (Youth & Community Practice)	5	4	9
Master of Philosophy (Adult Education)	3	3	6
Master of Philosophy (African Language & Literature)	2	2	2
Master of Philosophy (Biological Sciences)	10	6	9
Master of Philosophy (Biomedical Sciences)			1
Master of Philosophy (Business)	6	9	9
Master of Philosophy (Chemistry)	1	1	
Master of Philosophy (Computer Information System)	1	2	2
Master of Philosophy (Computer Science)	1	1	2
Master of Philosophy (Counselling & Human services)	5	2	
Master of Philosophy (Curriculum & Instruction)	1	3	2
Master of Philosophy (Design)	1	1	1
Master of Philosophy (Early Childhood)	4	4	3
Master of Philosophy (Economics)	2		2
Master of Philosophy (Educational Management)	5	6	2
Master of Philosophy (Educational Technology)		2	
Master of Philosophy (Engineering)	1	2	1
Master of Philosophy (English)	1		
Master of Philosophy (Electrical & Electronics)			1
Master of Philosophy (Environmental Science)	3	3	3
Master of Philosophy (Exercise Science)		1	
Master of Philosophy (Food & Nutrition)	1	1	
Master of Philosophy (History Education)		1	1
Master of Philosophy (Home Economics)		1	1
Master of Philosophy (Human Resource Management)			1

Programme Name	2018/19	2019/20	2020/21
Master of Philosophy (Geology)	6	3	2
Master of Philosophy (Language Education)	1	1	
Master of Philosophy (Library & Information Studies)	2	2	3
Master of Philosophy (Lifelong Learning & Community Development)			2
Master of Philosophy (Mathematics Education)	1	2	2
Master of Philosophy (Mathematics & Science Education	2		
Master of Philosophy (Measurement & Evaluation)	1	1	1
Master of Philosophy (Medical sciences)	6	6	3
Master of Philosophy (Natural Resource Management)	3	2	4
Master of Philosophy (Physical Education & Coaching)	1		1
Master of Philosophy (Physics)	2	2	
Master of Philosophy (Political Science)	2		2
Master of Philosophy (Population Studies)	1		
Master of Philosophy (Project Management)		2	2
Master of Philosophy (Public Administration)	5	7	4
Master of Philosophy (Religious Education)		1	
Master of Philosophy (Research & Evaluation)	2	5	4
Master of Philosophy (Science Education)		1	
Master of Philosophy (Social Work)	1	1	2
Master of Philosophy (Sociology)	7	4	3
Master of Philosophy (Special Education)	2		2
Master of Philosophy (Sports Psychology)	1	1	1
Master of Philosophy (Statistics)	2	1	1
Master of Philosophy (Textile & Clothing)	1	1	
Master of Philosophy (Theology & Religious Education)	3	2	2
Doctor of Philosophy (Adult Education)		2	2
Doctor of Philosophy (African Language & Literature)	1	1	1
Doctor of Philosophy (Biological sciences)	13	8	14
Doctor of Philosophy (Business)		4	2
Doctor of Philosophy (Built Environment)			1
Doctor of Philosophy (Chemistry)		2	4
Doctor of Philosophy (Counselling and Human Services)		1	3
Doctor of Philosophy (Curriculum & Instruction)		1	
Doctor of Philosophy (Economics)		1	
Doctor of Philosophy (Education Management)			4
Doctor of Philosophy (Engineering)		5	2

Programme Name	2018/19	2019/20	2020/21
Doctor of Philosophy (English)	3	2	3
Doctor of Philosophy (Environmental Science)		5	3
Doctor of Philosophy (Food & Nutrition)			1
Doctor of Philosophy (Geography Education)	1	1	1
Doctor of Philosophy (Geology)	1		1
Doctor of Philosophy (History)			1
Doctor of Philosophy (Language Education)	1	1	1
Doctor of Philosophy (Library and information Studies)	3	1	1
Doctor of Philosophy (Mathematics)	5	7	8
Doctor of Philosophy (Medical Sciences)	3	4	4
Doctor of Philosophy (Natural Resource Management)		1	2
Doctor of Philosophy (Physical Education &Coaching)		1	1
Doctor of Philosophy (Physics)	2	1	3
Doctor of Philosophy (Political Science)			1
Doctor of Philosophy (Population Studies)			4
Doctor of Philosophy (Public Administration)			2
Doctor of Philosophy (Research & Evaluation)			1
Doctor of Philosophy (Social Studies Education)	1	1	1
Doctor of Philosophy (Social Work)	2	1	
Doctor of Philosophy (Sociology)	2	1	
Doctor of Philosophy (Special Education)		1	1
Doctor of Philosophy (Statistics)	4	2	4
Doctor of Philosophy (Theology & Religious Studies)	5	3	6
Post Graduate Diploma in Education	149	176	58
Post Graduate Diploma in Guidance & Counselling		1	
Post Graduate Diploma in Statistics	2	1	2
Non Degree purpose/Short Course	15	21	
Total	13,686	13,039	15,404

Graduates by Programme Brigades Institutions (ISCED 4)

Table G1.1: Barolong Vocational Centre

Programme Name	Female	Male	Total
Dressmaking Trade Test B	21	1	22
Dressmaking NCC	21		21
Total	42	1	43

Table G1.2: Bobonong Brigades Centre

Programme Name	Female	Male	Total
Dressmaking Trade Test B	21	1	22
Dressmaking NCC	21		21
Total	42	1	43

Table G1.3: Boteti Brigades

Programme Name	Female	Male	Total
NCC in Borehole Mechanics	1	11	12
Total	1	11	12

Table G1.4: Chobe Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics Trade Test B	1	4	5
Total	1	4	5

Table G1.5: Ghanzi Brigades Centre

Programme Name	Female	Male	Total
Electrical Installations Trade Test B	2	15	17
Certificate in Computer Studies		1	1
Total	2	16	18

Table G1.6: Gweta Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test B	2	5	7
Bricklaying & Plastering, Trade Test B	2	12	14
Total	4	17	21

Table G1.7: Kang Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test B	2	5	7
Bricklaying & Plastering, Trade Test B	2	12	14
Total	4	17	21

Table G1.8: Kanye Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test B	2	5	7
Bricklaying & Plastering, Trade Test B	2	12	14
Total	4	17	21

Table G1.9: Kgalagadi Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test B	2	5	7
Bricklaying & Plastering, Trade Test B	2	12	14
Total	4	17	21

Table G1.10: Kgatleng Brigades Centre

Programme Name	Female	Male	Total
Bricklaying and Plastering Trade C	1	9	10
Carpentry and Joinery Trade C	1	3	4
Electrical Installation Trade C	2	7	9
Plumbing and Pipe Fitting Trade C	3	10	13
Welding and Fabrication Trade C	1	8	9
Total	8	37	45

Table G1. 11: Kweneng Rural Development Association

Programme Name	Female	Male	Total
Bricklaying and Plastering Trade C	1	9	10
Carpentry and Joinery Trade C	1	3	4
Electrical Installation Trade C	2	7	9
Plumbing and Pipe Fitting Trade C	3	10	13
Welding and Fabrication Trade C	1	8	9
Total	8	37	45

Table G1.12: Lobatse Brigades Centre

Programme Name	Female	Male	Total
Bricklaying and Plastering Trade C	1	9	10
Carpentry and Joinery Trade C	1	3	4
Electrical Installation Trade C	2	7	9
Plumbing and Pipe Fitting Trade C	3	10	13
Welding and Fabrication Trade C	1	8	9
Total	8	37	45

Table G1.13: Mahalapye Brigades Centre

Programme Name	Female	Male	Total
Dress Making Trade Test B	15	2	17
Total	15	2	17

Table G1.14: Marapong Brigades Centre

Programme Name	Female	Male	Total
Dressmaking Trade Test B	5	2	7
Certificate in Accounting & Business Studies II	4	3	7
Total	9	5	14

Table G1.15: Marobela Brigades Centre

Programme Name	Female	Male	Total
Cabinet Making - Trade Test C		1	1
Carpentry & Joinery - Trade Test B	2	2	4
Total	2	3	5

Table G1.16: Mosetse Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics Trade C	2	10	12
Total	2	10	12

Table G1.17: Moshupa Brigades Centre

Programme Name	Female	Male	Total
Bricklaying & Plastering Trade Test B	11	10	21
Total	11	10	21

Table G1.18: Ngethu Brigades Centre

Programme Name	Female	Male	Total
Welding & Fabrication Trade Test B	3	16	19
Certificate in Accounting and Business Studies II	16	4	20
Total	19	20	39

Table G1.19: Nswasi Brigades Centre

Programme Name	Female	Male	Total
Architectural Draughting - NCC	3	7	10
Total	3	7	10

Table G1.20: Serowe Brigades Centre

Programme Name	Female	Male	Total
Auto mechanics Trade C	3	12	15
Welding and Fabrication Trade C	3	16	19
Total	6	28	34

Table G1.21: Shashe Brigades Centre

Programme Name	Female	Male	Total
Bricklaying & Plastering Trade Test B	5	10	
Carpentry & Joinery Trade Test B	1	5	6
Welding & Fabrication Trade Test B	1	21	22
Total	7	36	43

Table G1.22: Shoshong Brigades Centre

Programme Name	Female	Male	Total
Crop Faming Trade Test C	17	8	25
Total	17	8	25

Table G1.23: Tlokweng Brigades Centre

Programme Name	Female	Male	Total
Carpentry & Joinery Trade B	2	8	10
Dressmaking Trade B	13	2	15
Total	15	10	25

Table G1.24: Tshwaragano Brigades Centre

Programme Name	Female	Male	Total
Crop Farming Trade Test B	6	3	9
National Certificate in Secretarial Studies	5	2	7
Total	11	5	16

Table G1.25: Tswapong Bokone Brigades Centre

Programme Name	Female	Male	Total
Bricklaying & Plastering Trade Test C		11	11
Carpentry & Joinery Trade B	2	9	11
Certificate in Computer Studies	1	5	6
National Certificate in Secretarial Studies	3		3
Total	6	25	31

Table G1.26: Tswelelopele Brigades Centre

Programme Name	Female	Male	Total
Architectural Draughting National Craft Certificate	4	6	10
Auto Mechanics, National Craft Certificate	4	16	20
Bricklaying & Plastering National Craft Certificate	2	27	29
Carpentry & Joinery, National Craft Certificate	2	29	31
Total	20	82	102

Table G1.27: Tutume Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics, Trade Test B	3	14	17
Bricklaying and Plastering B		6	6
Certificate in Accounting and Business Studies	2	1	3
Total	5	21	26

Table G1.28: Zwenshambe Brigades Centre

Programme Name	Female	Male	Total
Auto Mechanics Trade B	3	5	8
Bricklaying & Plastering Trade C	3	11	14
Carpentry & Joinery Trade C	3	14	17
Total	9	30	39

Graduates by Programme- Vocational Training Centres

Table G1.29: Jwaneng Technical College

Programme Name	Female	Male	Total
Certificate in Accounts & Business Studies	2	1	3
National Craft Certificate Bricklaying & Plastering	2	10	12
National Craft Certificate in Electrical Installation	9	20	29
Total	13	31	44

Table G1.30: Maun Technical College

Programme Name	Female	Male	Total
Auto Electrical	1	9	10
Bricklaying & Plastering	1	1	2
Maintenance Fitting		5	5
Total	2	15	17

Table G1.31: Palapye Technical College

Programme Name	Female	Male	Total
Painting & Decoration Trade Test B	12	11	25
National Craft Certificate, Electrical	8	23	31
National Craft Certificate, Machine Fitting	3	14	17
National Craft Certificate, Plumbing and Pipe Fitting	8	4	12
National Craft Certificate Welding and fabrications		2	10
Total	33	62	95

Table G1.32: Selebi-Phikwe Technical College

Programme Name	Female	Male	Total
Dressmaking Trade Test C	17	1	18
Total	17	1	18

Graduates by Programme Private Institutions

Table G2. 1: ABM University College

Programme Name	2018	2019	2020
Certificate in Early Childhood Education	14		
Certificate in Marketing Management			1
Certificate in Secretarial Studies			1
Certificate in Tourism & Hospitality Management			1
Advanced Diploma in Business Management			3
Advanced Diploma in Human Resource Development	1		3
Advanced Diploma in Secretarial Studies			1
Advanced Diploma in Tourism & Hospitality Management			1
Diploma in Business Information System	2		
Diploma in Electrical & Electronic Engineering	129	3	
Diploma in Entrepreneurship Development	131		
Diploma in Financial Management		1	5
Diploma in Human Resource Development	3	1	
Diploma in Secretarial Studies	19	31	40
Diploma In Tourism & Hospitality Management	146		
Bachelor of Arts (Hons) in Financial Management		4	23
Bachelor of Arts (Hons) in Human Resource Management		10	
Bachelor of Arts (Hons) Marketing Management	9	12	
Bachelor of Arts (Hons) in Tourism Management	19	24	
Bachelor of Science (Hons) in Accounting & Finance	17		
Total	500	76	79

Table G2. 2: Flying Mission Service – Aircraft Maintenance Engineering Training School

Programme Name	2018	2019	2020
Diploma in Aircraft Maintenance Engineering-Airframe & Power plant	8	8	32
Total	8	8	32

Table G2. 3: Arthur Portland

Programme Name	2018	2019	2020
Association of Certified Chartered Accountants		3	3
Chartered Financial Analyst (CFA)	1		
Chartered Institute of Management Accountants (CIMA)	8	2	2
Total	9	5	5

Table G2. 4: Assembly Bible College

Programme Name	2018	2019	2020
Diploma in Biblical Theology & Ministry	14	43	13
Degree in Biblical Theology & Ministry		10	5
Total	14	53	18

Table G2. 5: AWIL College

Programme Name	2018	2019	2020
Bachelor of Arts in Motion Picture Medium	129	51	36
Bachelor of Arts in Live Performance	57	25	8
Bachelor of Arts (Honours) in Motion Picture Medium		87	24
Total	186	163	68

Table G2. 6: Ba Isago University

Programme Name	2018	2019	2020
Foundation in Accountancy			2
Certificate in Business Management	10	8	23
Certificate in Court Administration	1		7
Certificate in Entrepreneurship	1		
Certificate in Law	5		4
Certificate in Real Estate	22	8	17
Certificate in Vocational Education & Training	25		
Diploma in Accounting	5		2
Diploma in Court Administration	4	2	5
Diploma in Insurance	3	3	1
Diploma in Law		2	1
Diploma in Marketing		2	4
Diploma in Occupational health and Safety Management	7	25	34
National Diploma in Real Estate	33	6	18
Diploma in Transport Management & Logistics	15	2	5
Bachelor of Arts in Law & Public Administration		2	11
Bachelor of Commerce in Accounting	3	5	36
Bachelor of Commerce in Banking & Finance	26	9	12
Bachelor of Commerce (Entrepreneurship)	1		
Bachelor of Commerce Human Resource Management	2	3	3
Bachelor of Commerce (Marketing management)		1	
Bachelor of Commerce (Real Estate)	12	6	1
Bachelor of Commerce Risk Management	7	3	7
Bachelor of Commerce (Honours) Risk Management & Insurance	37	25	25
Bachelor of Commerce (Transport Management & Logistics)			1
Bachelor of Education Early Childhood Management		1	1
Bachelor of Education General	4		
Bachelor of Science Quantity Surveying	24	33	46
Total	247	146	266

Table G2. 7: Bosa Bosele Training Institute

Programme Name	2018	2019	2020
Certificate in Early Childhood Education	136	49	30
Certificate in HIV Care & Counselling	11		
Certificate in Insurance Proficiency	2	1	2
Certificate in Security Risk & loss Control	17	2	
Certificate in Social Work	18	8	2
Advanced Diploma in Early Childhood			37
Diploma in Social Work			18
Total	184	60	89

Table G2. 8: Boitekanelo Training Institute

Programme Name	2018	2019	2020
Certificate in Emergency Medical Care			27
Certificate in Healthcare Assistance			22
Diploma in Counselling		2	
Diploma in Emergency Medical Care	80	28	23
Diploma in Health Care Management	106	1	4
Diploma in Health Promotion & Education	159		2
Diploma in Occupational Health & Safety	109	14	6
Higher National Diploma in Pharmacy Technology	51	36	34
Higher National Diploma in Clinical Technology	35	24	15
Bachelor of Arts (Counselling)	23	72	41
Bachelor of Arts Health Care Service Management	67	66	38
Bachelor of Science Emergency Medical Care	8	2	5
Bachelor of Science Health Promotion & Education	42	74	39
Bachelor of Science Nutrition and Dietetics	9		
Bachelor of Science Occupational Health & Safety	71	144	61
Total	760	463	317

Table G2.9: Botho University

Programme Name	2018	2019	2020
Association of Certified Chartered Accountants (ACCA)	7		
Bachelor of Education (Hons) Primary Education	1	2	1
Bachelor of Engineering in Computer Engineering			4
Bachelor of Engineering in Electrical Engineering			23
Bachelor of Science (Hons) Accounting	185	56	79
Bachelor of Science (Hons) Business Management	72	23	10
Bachelor of Science (Hons) Computing	146		34
Bachelor of Science (Hons) Finance		40	60
Bachelor of Science (Hons) Health Information Management	273	131	141
Bachelor of Science (Hons) Hospitality Management	17	20	50
Bachelor of Science (Hons) Jewellery Management & Design	2	8	48
Bachelor of Science (Hons) Mobile Computing	10	15	23
Bachelor of Science (Hons) in Multi Media Systems	10	9	15
Bachelor of Science (Hons) in Network Security Computer Forensics	142	60	60
Post Graduate Diploma in Higher Education	15	3	
Professional Diploma in Computing	3		
Master of Business Administration			3
Masters of Education in Higher Education	23		3
Master of Science Computer Systems Management	13	4	10
Master of Science Mobile Technologies	2		
Total	921	415	564

Table G2.10: Botswana Institute of Bankers

Programme Name	2018	2019	2020
Associate Diploma in Banking	20	60	32
Certificate in Banking		39	50
Total	20	99	82

Table G2.11: Gaborone Institute of Professional Studies

Programme Name	2018	2019	2020
AAT Diploma in Accounting		7	1
Advanced Diploma in Automotive Electrical Engineering		17	13
Advanced Diploma in Business Skills		2	
Advanced Diploma in Computing NCC		7	1
Advanced Diploma in Diesel Plant Engineering		24	23
Advanced Diploma in Diesel Plant Engineering Motor Vehicle Body Repair and Refinishing			5
Bachelor of Accounting and Finance	93	20	11
Bachelor of Business Administration Business Management		6	2
Bachelor of Business Administration Strategic Management	119	1	26
Bachelor of Business Administration Travel & Tourism Management	192	89	1
Bachelor of Commerce (Banking & Finance)		30	43
Bachelor of Commerce (Entrepreneurship)		29	7
Bachelor of Commerce			
Logistics & Supply Chain Management			19
Bachelor of Commerce			
Purchasing & Supply Chain Management			26
Bachelor of Science Computer Science	16		1
Bachelor of Science Information Technology		4	1
Total	**420**	**236**	**180**

Table G2.12: Gaborone Universal College of Law

Programme Name	2018	2019	2020
Diploma in Early Childhood Education	29		5
Diploma in Events Management			1
Diploma in Court Administration	2		4
Diploma in Labour Law	2		
Diploma in Law	36		21
Diploma in Water and Environmental Engineering			2
Advanced Diploma in Criminology	2		3
Advanced Diploma in Security Management & Legal Studies			1
Diploma in Public Health		12	
Bachelor of Arts in Public Health		45	98
Bachelor of Business Administration Entrepreneurship			5
Bachelor of Business Administration Occupational Health & Safety		100	92
Bachelor of Commerce (Hons) Purchasing & Supply Chain Management		16	2
Bachelor of Commerce (Hons) Travel & Tourism		4	4
Bachelor of Education Early Childhood Education		36	37
Bachelor of Technology in Construction Engineering		13	12
Chartered Institute of Procurement & Supply			3
Total	71	226	312

Table G2.13: DDT College of Medicine

Programme Name	2018	2019	2020
Bachelor of Doctor Assistance			31
Bachelor of Medical Laboratory Science			62
Bachelor of Pharmacy			55
Bachelor of Physiotherapy			28
Total			179

Table G2.14 : Imperial School of Business

Programme Name	2018	2019	2020
Certificate in Business Management	11		
Certificate in Entrepreneurship	2		
Certificate in Logistics & Transport Management	2		
Certificate In Marketing, Advertising & Public Relations Management	11		
Certificate in Project Management	8		
Certificate in Risk Management	1		
Certificate In Travel, Tourism & Hospitality Management	6		
Association of Accounting Technicians (AAT)	32		15
Association of Certified Chartered Accountants (ACCA)	4		4
Bachelor of Business Administration (Business Management)	1		
Bachelor of Business Administration (Entrepreneurship)	18	6	11
Bachelor of Business Administration (Travel Tourism & Hospitality)	35	10	25
Bachelor of Commerce in Finance and Banking	66	22	44
Total	197	38	99

Table G2.15: Kgolagano College

Programme Name	2018	2019	2020
Preachers Award	10	42	
Certificate in Theology	2	4	3
Certificate in Value Based Leadership		23	
Diploma in Theology	4	10	14
Bachelor in Theology	6	7	4
Total	22	86	21

Table G2.16: Limkokwing University of Creative Technology

Programme Name	2018	2019	2020
Certificate in Architectural Technology		55	1
Certificate in Broadcasting Radio & Television		16	
Certificate in Digital Video		12	
Certificate in Events Management		28	
Certificate in Fashion & Textile Design		7	
Certificate in Graphic Design		42	
Certificate in Hospitality Management		28	9
Certificate in Interior Design		36	
Certificate in Merchandising and Retailing		27	
Certificate in Music Design		17	
Certificate in Product Design		17	
Certificate in Retail and Marketing Management		7	
Certificate in Tourism Management		34	
Diploma in Architectural Technology		62	3
Diploma in Broadcasting Radio & Television		147	
Diploma in Digital Video		140	1
Diploma in Events Management		158	2
Diploma in Fashion & Textile Design		119	
Diploma in Graphic Design		76	
Diploma in Hospitality Management		135	
Diploma in Interior Design		59	
Diploma in Merchandising and Retailing		96	1
Diploma in Music Design		96	3
Diploma in Product Design		101	3
Diploma in Retail and Marketing Management		153	
Diploma in Tourism Management		140	4
Associate Degree in Advertising	5	6	3
Associate Degree in Architectural Technology	11	24	42
Associate Degree Broadcasting (Television & Radio)	4	22	1
Associate Degree in Business Information Systems	14	4	5
Associate Degree in Business Management	9	6	7

Programme Name	2018	2019	2020
Associate Degree in Creative Multimedia		5	3
Associate Degree in Digital Photography		2	
Associate Degree in Event Management	2		
Associate Degree in Fashion & Apparel Design	20	10	19
Associate Degree in Film & Television Production	2		
Associate Degree in Fine Art	12		
Associate Degree in Graphic Design	4	3	1
Associate Degree in Hotel Management		2	1
Associate Degree in Information Technology	5		
Associate Degree in Interior Design	4	6	1
Associate Degree in Journalism & Media	7	9	3
Associate Degree in Marketing	4	7	1
Associate Degree in Merchandising & Retailing	12	6	
Associate Degree in Packaging, Design and Technology		2	
Associate Degree in Public Relations	2	8	3
Associate Degree in Retail Management	2	1	1
Associate Degree in Software Engineering		2	
Associate Degree in Sound Technology	13	8	6
Associate Degree in Textile Design	8	17	2
Associate Degree in Tourism Management	10	9	
Associate Degree in Web design		1	2
Bachelor of Arts (Honours) Broadcasting & Journalism	73	113	94
Bachelor of Arts (Honours) Creative Multimedia	10	12	34
Bachelor of Arts (Honours) Interior Architecture	39	39	50
Bachelor of Arts (Honours) Digital Film & TV Production	8	28	32
Bachelor of Arts (Honours) Events Management	17	19	36
Bachelor of Arts (Honours) Industrial Design	15	22	19
Bachelor of Arts (Honours) Professional Communication		1	
Bachelor of Arts (Honours) Professional Design	10	11	
Bachelor of Business in Entrepreneurship	7	18	38
Bachelor of Business Hospitality Management			1

Limkokwing University of Creative Technology cont..

Programme Name	2018	2019	2020
Bachelor of Business (Honours) International Business	35	39	65
Bachelor of Business (Honours) Tourism Management	39	39	66
Bachelor of Design (Honours) Professional Design	10		38
Bachelor of Science (Honours) Electronic Commerce	13	19	1
Bachelor of Science (Honours) Information Technology	5	1	
Bachelor of Science (Honours) in Software Engineering Multimedia	19	24	5
Master of Communication			1
Total	440	2,353	680

Table G2.17: Management College of Southern Africa

Programme Name	2018	2019	2020
Bachelor of Business Administration	20	28	
Bachelor Commerce Human Resource Management	2	6	2
Bachelor Commerce in Marketing	19	6	
Bachelor Commerce in Supply Chain Management		3	7
Master of Business Administration	14	5	
Total	55	48	9

Table G2. 18: Megasize College

Programme Name	2018	2019	2020
Diploma in Fleet Management	86	39	18
Professional Diploma in Procurement & Supply			6
Total	86	39	24

Table G2.19: New Era College of Engineering & Technology

Programme Name	2018	2019	2020
Diploma in Accommodation, Operations &Services	107		19
Diploma in Travel, Tourism & Hospitality Management	4		
Diploma in Electrical and Electronics Engineering	82		
Advanced Diploma in Construction			10
Advanced Diploma in Electrical and Electronics Engineering	58		
Diploma in Construction Industry	115		
Diploma in Telecommunication Systems	7		
Advanced Diploma in Telecommunication Systems	65		
Advanced Diploma in Construction Industry	32	41	
Bachelor of Engineering Telecommunication Systems	18		24
Bachelor of Engineering Electrical & Electronic Engineering	21		15
Total	509	41	68

Table G3.1: Botswana Accountancy College

Programme Name	2018	2019	2020
Association of Accounting Technicians (AAT)	53	21	44
Association of Certified Chartered Accountants (ACCA)		11	
Certificate in Enterprise Risk Management		92	
Certificate in Finance for Non-Finance Managers		22	
Certificate Higher Education in International Tourism Management	6		
Certificate in Public Sector Procurement & Tender Management		14	48
Chartered Institute of Procurement			1
Diploma in Higher Education in International Tourism Management	2		
Bachelor of Arts (Hons) Accounting & Finance	96	62	82
Bachelor of Arts (Hons) Business Management	70	16	43
Bachelor of Arts Entrepreneurship & Business Leadership	80	77	40
Bachelor of Arts (Hons) International Finance & Banking		63	67
Bachelor of Arts (Hons) International Hospitality Management	24	33	30
Bachelor of Arts (Hons) in International Salon Management	2		
Bachelor of Arts (Hons) in International Tourism Management	85	85	81
Bachelor of Arts (Hons) in Mobile Technologies			11
Bachelor of Arts (Hons) in Travel and Tourism	1		
Bachelor of Science (Hons) Applied Business Computing	120	55	34
Bachelor of Science (Hons) Business Intelligence and Data Analytics			6
Bachelor of Science (Hons) Computer Systems Engineering	98	52	72
Bachelor of Science (Hons) in Mobile Technologies			25
Master of Arts Procurement and Logistics Management			12
Master of Business Administration		17	15
Master of Science Project Management	11	34	26
Master of Science Strategic Management	62	39	63
Post Graduate Certificate in Finance for Non-Finance Managers			14
Post Graduate Certificate in Infrastructure Management			11
Post Graduate Certificate in Enterprise and Risk Management			17
Post Graduate Certificate Project Management	7	9	2

Botswana Accountancy College cont....

Programme Name	2018	2019	2020
Post Graduate Certificate in Procurement and Logistics Management			2
Post Graduate Certificate in Public Sector Project Management			16
Post Graduate Certificate Strategic Management	8	1	
Post Graduate Diploma in Taxation			17
Post Graduate Diploma Strategic Management			2
Post Graduate Diploma in Project Management			1
Total	780	703	782

Table G3. 2: Botswana College of Engineering and Technology

Programme Name	2018	2019	2020
National Craft Certificate Automotive Electronics	10		
National Craft Certificate Automotive Mechanics	8	18	
National Craft Certificate Heavy Plant Mechanics	25		
National Craft Certificate Maintenance Fitting	9		
National Craft Certificate Penal Beating& Spray Painting	7	3	
National Craft Certificate Welding & Fabrication	5		
Diploma in Building and Civil Engineering	35	46	31
Diploma in Electrical & Electronic Engineering	56	30	47
Diploma in Geomatics	32	21	32
Diploma in Mechanical Engineering	52	41	61
Diploma in Water Environmental Engineering	46	37	32
Total	285	196	203

Table G3.3: Botswana Open University

Programme Name	2018	2019	2020
Certificate Community Based Work with Children and Youth	32	118	60
Certificate in Disaster Management	26	16	25
Certificate for Distance Education Practitioners	17	10	21
Certificate in English for Professional Purposes	200	77	0
Certificate in Small Scale Business Management	62	52	65
Certificate in Vocational Education and Training	27	40	3
Foundation Certificate In Microsoft Office Suite	5	9	5
Diploma in Business Management	155	163	132
Diploma in Early Childhood Development	206	396	785
Diploma in Human Resource Management	212	214	246
Bachelor of Business Administration (Leadership & Change Management)	65	104	87
Bachelor of Business Entrepreneurship	35	71	34
Bachelor of Commerce (HRM & Industrial Relations)	146	117	55
Bachelor of Education Early Childhood Development	32	40	28
Bachelor of Education - Primary	65	62	21
Bachelor of Education (Special & Inclusive Education)		38	33
Commonwealth Executive Master of Business Administration (CEMBA)	10	25	20
Commonwealth Executive Master of Public Administration (CEMPA)	11	12	10
Master of Education - Educational Leadership	32	34	23
Post Graduate Certificate in Quality Assurance in Education	29	49	37
Total	1,396	1,649	1,690

Table G3.4: Botswana International University of Science & Technology

Programme Name	2018	2019	2020
Bachelor of Engineering (Chemical Engineering)		17	15
Bachelor of Engineering (Civil & Environmental Engineering)		26	26
Bachelor of Engineering (Computer Engineering)	8	2	
Bachelor of Engineering (Computer & Telecommunication Engineering)		19	31
Bachelor of Engineering (Electrical & Electronic Engineering)		22	30
Bachelor of Engineering (Energy Engineering)	22	1	1
Bachelor of Engineering (Geological Engineering)	32	31	30
Bachelor of Engineering (Industrial and Manufacturing Engineering)		22	32
Bachelor Engineering (Material & Metallurgical Engineering)			6
Bachelor of Engineering (Measurement & Instrumentation Engineering)		24	10
Bachelor of Engineering (Mechanical and Energy Engineering)		47	35
Bachelor of Engineering (Mechatronics Engineering)		15	8
Bachelor of Engineering (Mechatronics and Industrial Instrumentation Engineering)		4	16
Bachelor of Engineering (Mining Engineering)	29	35	19
Bachelor of Engineering (Telecommunication)	21	8	1
Bachelor of Science (Applied Mathematics)	1		
Bachelor of Science (Applied Mathematics and Statistics)			1
Bachelor of Science (Applied Science)	2		
Bachelor of Science (Biological Sciences & Biotechnology)	24	19	10
Bachelor of Science (Computer Science & Software Engineering)	10	6	9
Bachelor of Science (Earth & Environmental Sciences)	7	11	9
Bachelor of Sciences (Environmental Sciences)	11	16	3
Bachelor of Science (Environmental and Analytical Chemistry)			6
Bachelor of Sciences (Forensic Sciences)	9	12	8
Bachelor of Sciences (Geology)	26	15	16
Bachelor of Science (Information Systems & Data Management)	8	7	5
Bachelor of Science (Material and NANO Chemistry)			1
Bachelor of Science (Physics)	3	2	4

Programme Name	2018	2019	2020
Bachelor of Science (Pure & Applied Chemistry)	10	7	6
Bachelor of Science (Pure & Applied Mathematics)	6	6	7
Bachelor of Science (Statistics)	3	4	4
Master of Engineering (Civil and Environmental Engineering)	2		
Master of Engineering (Computer Engineering)	1		
Master of Engineering (Computer & Telecommunication)	2		5
Master of Engineering (Geological Engineering)	1		1
Master of Engineering (Industrial & Manufacturing Engineering)	1	1	1
Master of Engineering (Materials and Metallurgical Engineering)		1	1
Master of Engineering (Mechanical & Aerospace)	1		
Master of Engineering (Mechanical and Energy)	1		
Master of Engineering (Mechatronics and Industrial Instrumentation)			1
Master of Engineering (Mining Engineering)		1	2
Master of Science (Applied Mathematics)	2		4
Master of Science (Biological Sciences)	5		4
Master of Science (Chemistry)	1	2	4
Master of Science (Computer Science)	4		5
Master of Science (Environmental Sciences)	2		3
Master of Science (Geology)	2		2
Master of Science (Information Systems & Data Management)	5		1
Master of Science (Physics)	1	3	2
Master of Science (Statistics)			4
Doctor of Philosophy (Biology)			1
Doctor of Philosophy (Mathematics)		1	3
Doctor of Philosophy (Pure & Applied Mathematics)		2	
Doctor of Philosophy (Physics)	1	1	
Doctor of Philosophy (Statistics)		1	
Total	**267**	**391**	**393**

Table G3. 5: Botswana University of Agriculture and Natural Sciences

Programme Name	2018	2019	2020
Diploma in Agricultural Extension	25	31	26
Higher Diploma In Animal Health & Production	10	12	14
Higher Diploma in Forestry & Range Ecology	3	2	4
Higher Diploma in Agriculture	5	5	3
Bachelor of Science Food Science & Technology	24	34	24
Bachelor of Science Agricultural Economics	20	18	50
Bachelor of Science Agricultural Education	13	3	9
Bachelor of Science Agricultural Extension	8	10	
Bachelor of Science Agricultural Mechanization	9	12	11
Bachelor of Science Agriculture	22	16	11
Bachelor of Science Animal Science	32	33	31
Bachelor of Science Crop Science	10	13	9
Bachelor of Science Forestry & Range Ecology		6	
Bachelor of Science in Range Science			12
Bachelor of Science Soil & Water Conservation Engineering	26	29	43
Master of Science in Agricultural Engineering (Soil & Water Eng.)		1	1
Master of Science in Animal Science (Animal Breeding & Reproduction)	2	2	3
Master of Science in Animal Science (Animal Nutrition)		2	1
Master of Science in Animal Science (Animal Management System)		2	
Master of Science in Crop Science (Agronomy)		1	1
Master of Science in Crop Science (Crop Protection)		2	1
Master of Science in Crop Science (Horticulture)			1
Doctor of Philosophy in Animal Science (Animal Health)			1
Doctor of Philosophy in Crop Science (Agronomy)			2
Doctor of Philosophy in Crop Science (Horticulture)		1	
Total	**217**	**235**	**258**

Table G3.6: Botswana Wildlife Training Institute

Programme Name	2018	2019	2020
Certificate in Wildlife Management	9	60	51
Diploma in Wildlife Management	10	27	
Leadership Skills Enhancement		10	
Problem Animal Control	64	14	
Induction and Basic Training			24
Total	83	111	75

Table G3. 7: Defence Command Staff College

Programme Name	2018	2019	2020
Senior Command Staff Programme		57	57
Total		57	57

Table G3.8: Francistown College of Technical and Vocational College

Programme Name	2018	2019	2020
BTEP Certificate in Hospitality operations			36
BTEP Certificate in Travel & Tourism			18
Certificate in Applied Laboratory Sciences			30
Certificate in Beauty Therapy			14
Certificate in Clothing, Design & Textile	30		
Certificate in Hairdressing		17	26
Certificate in Sports, Recreation & Leisure	35		30
Certificate in Vocational Education and Training		19	
Diploma in Systems Administration	14	11	11
Diploma in Travel & Tourism		36	19
Advanced Technician Diploma in construction	19	21	
National Diploma in Secretarial Studies	8		20
National Diploma in Business Administration			11
National Craft Certificate in Instrumentation Mechanician			4
National Craft Certificate in Plumbing and Pipefitting			8
National Craft Certificate in Refrigeration and Air-cooling			6
Post Graduate Diploma in Technical and Vocational Education	29	17	44
Total	135	121	277

Table G3.9: Gaborone Technical College

Programme Name	2018	2019	2020
Access in Hospitality Operations		9	
Access to Retail Business			14
BTEP Certificate in Beauty Therapy		23	
BTEP Diploma in System Administration			7
Certificate in Hospitality Operations			14
Certificate in Travel and Tourism			14
Clothing Design and Textile			14
Diploma in Culinary Arts		14	
Diploma in Electrical & Electronic Engineering (Level 4)			20
Diploma in Hospitality Management		8	
Diploma in Travel Management		13	
Higher National Diploma in Secretarial Studies		12	11
National Diploma in Accounting and Business Studies		38	7
National Diploma in Secretarial Studies		18	27
Total		135	128

Table G3.10: Institute of Development Management

Programme Name	2018	2019	2020
Association of Accounting Technicians (AAT)	9		4
Certificate in Archives & Records Management	75	55	41
Certificate in Human Resource Management	19	48	7
Certificate in Public Administration			19
Diploma in Archives & Records management	59		38
Diploma in Business	18	22	55
Diploma in Computing	43	21	28
Diploma in Educational Management		33	26
Diploma in Human Resource Management	22	27	37
Diploma in Information Technology		11	4
Diploma in Public Health		3	6
Diploma in Project Management	18	33	21
Diploma in Procurement & Supply (Professional)	23	21	

Institute of Development Management cont...

Programme Name	2018	2019	2020
Advanced Diploma in Procurement and Supply		3	
Bachelor of Arts in Accounting			20
Bachelor of Arts in Archives & Records management	12	54	67
Bachelor of Arts in Community Development	18	46	
Bachelor of Arts Early Childhood studies			44
Bachelor of Education Management	39	26	17
Bachelor of Human Resource Management		12	26
Bachelor of Office Management		43	
Bachelor of Public Finance & Accountancy			44
Bachelor of Public Health Management		165	143
Bachelor of Science (Hons) Business Administration	8	19	4
Bachelor of Science (Hons) Business Computing & Information Systems		9	12
Bachelor of Science Project Management	7	10	11
Bachelor of Science Supply Chain Management		12	10
Postgraduate Diploma in Monitoring & Evaluation	20	19	24
Postgraduate Diploma in Project Management		3	3
Professional Diploma in Accounting		15	
Professional Diploma in Procurement & Supply		12	2
Master of Science Project Management	17	26	19
Master of Science Supply Chain Management	8	9	11
Total	424	788	735

Table G3.11: Institute of Health Sciences-Bamalete Lutheran School of Nursing

Programme Name	2018	2019	2020
Post Basic Diploma in Midwifery		31	1
Total		31	1

Table G3.12: Institute of Health Sciences-Francistown

Programme Name	2018	2019	2020
Higher Diploma in General Nursing	48	62	44
Post Basic Diploma in Midwifery		35	
Total	48	97	44

Table G3.13: Institute of Health Sciences-Gaborone

Programme Name	2018	2019	2020
Higher Diploma in Dental Therapy	6		9
Higher Diploma in General Nursing	50	39	45
Higher Diploma in Medical Laboratory Technology	12	12	4
Higher Diploma in Pharmacy Technology	20	20	26
Post Basic Diploma in Midwifery	41		42
Post Basic Diploma Family Nurse Practitioner		22	1
Total	129	93	127

Table G3.14: Institute of Health Sciences-Kanye Seventh Day School of Nursing

Programme Name	2018	2019	2020
Higher Diploma in General Nursing	54	50	57
Post Basic Diploma in Midwifery	40		
Post Basic Diploma Family Nurse Practitioner		18	
Total	94	68	57

Table G3.15: Institute of Health Sciences-Lobatse

Programme Name	2018	2019	2020
Advanced Diploma in Psychiatric Mental Health	24	28	
Higher Diploma in Environmental Health	14	16	14
Higher Diploma in General Nursing	43	34	27
Total	81	78	41

Table G3.16: Institute of Health Sciences-Molepolole

Programme Name	2018	2019	20200
Higher Diploma in General Nursing	64	54	57
Total	64	54	57

Table G3.17: Institute of Health Sciences-Serowe

Programme Name	2018	2019	2020
Higher Diploma in Health Nursing	4		
Higher Diploma in General Nursing	63	41	54
Total	67	41	54

Table G3.18: Molepolole College of Education

Programme Name	2018	2019	2020
Diploma in Secondary Education	37	25	109
Total	37	25	109

Table G3. 19: Oodi College of Arts

Programme Name	2018	2019	2020
Certificate in Applied Laboratory Science	13	4	14
Certificate in Business Professional & Administration		17	
Certificate in Jewellery Design & Manufacturing	1		16
Certificate in Sports Recreation & Leisure	10	9	
Advanced Certificate in Multimedia	7		13
Diploma in Information Technology	7		
Diploma in Multimedia			3
Diploma in Network Technician			14
Total	38	30	60

Table G3.20: Roads Training Centre

Programme Name	2018	2019	2020
Certificate in Roads Technician	14	14	
Diploma in Highway Engineering Technician	28	15	27
Total	42	29	27

Table G3. 21: Serowe College of Education

Programme Name	2018	2019	2020
Diploma in Primary Education	89	79	89
Diploma in Early Childhood Care	28	24	17
Total	117	103	106

Table G3. 22:Tlokweng College of Education

Programme Name	2018	2019	2020
Diploma in Primary Education	145	67	103
Total	145	67	103

Table G3.23: Tonota College of Education

Programme Name	2018	2019	2020
Diploma in Secondary Education	35	39	63
Total	35	39	63

Table G3.24: University of Botswana

Programme Name	2018	2019	2020
Diploma in Accounting & Business Studies	78	68	110
Diploma in Adult Education	2	2	2
Diploma in Archives & Records Management	16	14	8
Diploma in Defence and Strategic Studies	17	25	14
Diploma in Library & Information Studies	9	3	3
Diploma in NGO Management	2	2	2
Diploma in Population Studies	3	4	7
Diploma in Social Work	8	4	4
Diploma in Statistics	7	5	9
Bachelor of Accountancy	88	73	87
Bachelor of Architecture	15	12	16
Bachelor of Arts (Chinese Studies)	18	14	4
Bachelor of Arts (Criminal Justice)	29	29	25
Bachelor of Arts (Economics)		25	22
Bachelor of Arts (Environmental Science)		6	2
Bachelor of Arts (Humanities)	86	73	36
Bachelor of Arts (Library & Information Studies)	9	9	12
Bachelor of Arts (Media Studies)	21	23	37
Bachelor of Arts (Psychology)		7	
Bachelor of Arts (Public Administration)		1	1
Bachelor of Arts (Social Sciences)	181	186	226

Programme Name	2018	2019	2020
Bachelor of Arts (Sociology)			1
Bachelor of Arts (Theology & Religious Studies)			1
Bachelor of Business Administration (Entrepreneurship & Enterprise Development)	20	28	40
Bachelor of Business Administration (International Business)	21	26	26
Bachelor of Business Administration (logistic & Supply Management)	30	49	44
Bachelor of Business Administration (Management)	77	79	50
Bachelor of Business Administration (Marketing)	48	38	25
Bachelor of Business Administration (Tourism & Hospitality Management)	21	30	29
Bachelor of Design (Design & Technology)	4	3	3
Bachelor of Design (Industrial Design)	8	2	3
Bachelor of Education (Adult)	17	30	25
Bachelor of Education (Business)	15	3	14
Bachelor of Education (Counselling)	45	25	53
Bachelor of Education (Early Childhood)		3	5
Bachelor of Education (Family & Consumer Sciences)	18	19	6
Bachelor of Education (Leadership Management)	1	141	41
Bachelor of Education (Physical Education)	107	26	26
Bachelor of Education (Primary Education)		23	1
Bachelor of Education (Science)		59	72
Bachelor of Education (Secondary)	17	12	3
Bachelor of Education (Special)		22	27
Bachelor of Engineering (Civil Engineering)	43	32	49
Bachelor of Engineering (Construction & Engineering Management)	13	2	
Bachelor of Engineering (Electrical & Electronic Engineering)	29	17	39
Bachelor of Engineering (Industrial Engineering)	8	15	15
Bachelor of Engineering (Mechanical Engineering)	18	22	31
Bachelor of Engineering (Mineral Engineering)	20	6	8

Programme Name	2018	2019	2020
Bachelor of Engineering (Mining Engineering)		8	17
Bachelor of Finance	76	61	66
Bachelor of Fine Arts (Theatre Arts)	4	5	10
Bachelor of Geomatics	14	12	15
Bachelor of Information & Knowledge Management (Knowledge Management)		8	1
Bachelor of Information & Knowledge Management (Archives & Records Management)			10
Bachelor of Information & Knowledge Management (Library & Information Studies)			10
Bachelor of Information Systems (Business Information Systems)	20	27	14
Bachelor of Information Systems (Computer Information Systems)	19	15	8
Bachelor of Information Systems (Information Management)	42	11	11
Bachelor in Land Management	8	11	4
Bachelor of Laws	50	55	58
Bachelor of Library & Information Studies	23	12	22
Bachelor of Media Studies	34	40	53
Bachelor of Medicine/Surgery	50	48	51
Bachelor of Nursing Science	60	41	64
Bachelor of Psychology	5		7
Bachelor of Science (Applied Geophysics)	1	11	2
Bachelor of Science (Biological Sciences)		21	24
Bachelor of Science (Chemistry)		15	21
Bachelor of Science (Computer Science)	15	5	22
Bachelor of Science (Computing with Finance)	19	9	28
Bachelor of Science (Cytotechnology & Histotechnology)	9	13	8
Bachelor of Science (Environmental Health)	17	24	15
Bachelor of Science (Environmental Science)		3	6
Bachelor of Science (General)	104	31	68
Bachelor of Science (Geology)		12	9
Bachelor of Science (Information Technology)	13	10	7
Bachelor of Science (Mathematics)		2	5

Programme Name	2018	2019	2020
Bachelor of Science (Medical Laboratory Sciences)	29	29	25
Bachelor of Science (Physics)		12	18
Bachelor of Science (Physics with Meteorology)	4	1	5
Bachelor of Science (Radiation & Health Physics)	6	9	7
Bachelor of Science Real Estate)	11	11	17
Bachelor of Science (Statistics)		1	
Bachelor of Science (Urban & Regional Planning)	6	10	19
Bachelor of Urban & Regional Planning (MA Professional)	2		
Bachelor of Social Work	33	44	53
Master of Archives & Records Management	12	7	11
Master of Arts (Development Studies)	5	12	3
Master of Arts (Economics)	6	12	9
Master of Arts (English)	5	2	2
Master of Arts (History)			1
Master of Arts Politics & International relations	10	15	14
Master of Arts (Population Studies)	4	1	2
Master of Arts (Statistics)	6	1	3
Master of Arts (Theological Studies)	2	3	1
Master of Business Administration	17		14
Master of Defence & Strategic Studies	9	9	16
Master of Development Practice	2	4	1
Master of Education (Adult Education)	3		4
Master of Education (Counselling & Human Services)	15		23
Master of Education (Curriculum & Instruction)	10	1	6
Master of Education (Early Childhood Management)		1	2
Master of Education (Educational leadership & Management)	6	8	2
Master of Education (Gender Education)	1		2
Master of Education (Mathematics Education)		7	6
Master of Education (Physical Education)		2	2
Master of Education (Primary Education)	2		

Programme Name	2018	2019	2020
Master of Education (Religious Education)		1	1
Master of Education (Research & Evaluation)	8	4	2
Master of Education (Science Education)		1	
Master of Education (Social Studies)	3		2
Master of Executive Entrepreneurship			8
Master of Laws	1	1	7
Master of Library & Information Studies	13	7	4
Master of Medicine (Emergency Medicine)	3		1
Master of Medicine (Family Medicine)	3		5
Master of Medicine (Internal Medicine)	2		3
Master of Medicine (Paediatrics & Adolescent health)	6		5
Master of Medicine (Public Health Medicine)			2
Master of Nursing Science (Adult Health Nursing)			1
Master of Nursing Science (Family Nurse Practitioner)			1
Master of Nursing Science (General)			1
Master of Nursing Science (Parent and Child Nursing)			1
Master of Nursing Science (Psychiatric Mental Health Nursing)			3
Master of Project Management	1		7
Master of Public Administration (Environmental Resource Management)	3		
Master of Public Administration (Human Resource Management)	2		
Master of Public Administration (Local Government Management)	2		1
Master of Public Administration (Public Policy & Administration)	5	6	3
Master of Public Administration (Public Financial Management)	4	3	1
Master of Research and Public Policy			7
Master of Science (Applied Microbiology)	2		2
Master of Science (Chemistry)	1		7
Master of Science (Civil Engineering)	2		1
Master of Science (Computer Information Systems)	2		

Programme Name	2018	2019	2020
Master of Science (Computer Science)	1		
Master of Science (Electrical & Electronic Engineering)	3		
Master of Science (Environmental Science)	3		11
Master of Science (Hydrogeology)	2		
Master of Science (Mathematics)	2		4
Master of Science (Mechanical Engineering)			3
Master of Science (Organic Chemistry)		1	
Master of Science (Physics)		2	1
Master of Social Work	6	13	2
Master of Philosophy (Biological Sciences)	1	1	2
Master of Philosophy (Chemistry)	1	1	
Master of Philosophy (Medical Sciences)			1
Master of Philosophy (Natural Resource Management)	3	5	
Doctor of Philosophy (Adult Education)	1		
Doctor of Philosophy (Biological Sciences)	1	1	3
Doctor of Philosophy (Built Environment)			1
Doctor of Philosophy (Business)			1
Doctor of Philosophy (Chemistry)	2	3	
Doctor of Philosophy (Counselling & Human Services)	1		1
Doctor of Philosophy (Curriculum and Instruction)	1		1
Doctor of Philosophy (Early Childhood Education)		1	
Doctor of Philosophy (Economics)		1	2
Doctor of Philosophy (Educational Technology)		1	
Doctor of Philosophy (Engineering)	2	4	4
Doctor of Philosophy (English)	1	1	
Doctor of Philosophy (Environmental Science)	1	3	2
Doctor of Philosophy (Food and Nutrition)			1
Doctor of Philosophy (Language Education)		1	
Doctor of Philosophy (Library and information Studies)	1	1	2
Doctor of Philosophy (Mathematics)		1	2

Programme Name	2018	2019	2020
Doctor of Philosophy (Medical Sciences)		1	1
Doctor of Philosophy (Natural Resource Management)	1	1	1
Doctor of Philosophy (Physics)	1		
Doctor of Philosophy (Political Science)		1	
Doctor of Philosophy (Population Studies)	1	2	
Doctor of Philosophy (Public Administration)	1		1
Doctor of Philosophy (Education, Research & Evaluation)		1	
Doctor of Philosophy (Social Work)			2
Doctor of Philosophy (Statistics)			2
Doctor of Philosophy (Special Education)	1		
Doctor of Philosophy (Theology & Religious Studies)			1
Post Graduate Diploma in Education	193	126	128
Post Graduate Diploma in Statistics	1	1	
Master Arts (Professional) in Urban & Regional Planning			3
Total	2,293	2,228	2,444

APPENDICES

Appendix 1: List of tertiary Institutions HEIs

CATEGORY	INSTITUTIONS
Private Universities	1. Ba Isago University
	2. Botho University
	3. Limkokwing University of Creative Technology
	4. ABM University College
	5. AFDA Botswana
	6. Assembly Bible College
	7. Arthur Portland College
Private Institutions	1. Boitekanelo College
	2. Bosa Bosele Training Institute
	3. Botswana Institute of Bankers
	4. DDT Medical School
	5. Flying Mission
	6. Gaborone Institute of Professional Studies
	7. Gaborone Universal College of Law
	8. Imperial School of Business
	9. Kgolagano College of Theological Education
	10. Logan Business College
	11. Management College of Southern Africa
	12. Mega Size College
	13. New Era College of Arts & Technology
Public Universities	1. Botswana International University of Science and Technology
	2. Botswana Open University
	3. Botswana University of Agriculture and Natural Science
	4. University of Botswana
Colleges of Education	1. Molepolole College of Education
	2. Serowe College of Education
	3. Tlokweng College of Education
	4. Tonota College of Education

CATEGORY	INSTITUTIONS
Institute of Health Sciences	1. IHS - Lobatse
	2. IHS – Gaborone
	3. IHS - Molepolole
	4. IHS - Francistown
	5. IHS - Serowe
	6. Bamalete Lutheran School of Nursing
	7. Kanye SDA School of Nursing
Technical Colleges	1. Gaborone Technical College
	2. Botswana College of Engineering & Technology
	3. Francistown College of Technical & Vocational Education
	4. Oodi College of Applied Arts & Sciences
Public Colleges	1. Institute of Development Management
	2. Defence Command & Staff College
	3. Botswana Accountancy College
	4. Botswana Wildlife Training Institute
	5. Roads Training Centre

CATEGORY	INSTITUTIONS
Vocational Training Centres	1. Jwaneng Technical Centre
	2. Maun Technical Centre
	3. Palapye Technical Centre
	4. Selibe-Phikwe Technical Centre
Brigades	5. Barolong Vocational Training Centre
	6. Bobonong Brigades Centre
	7. Boteti Brigades Centre
	8. Chobe Brigades Centre
	9. Gantsi Brigades Centre
	10. Gweta Brigades Centre
	11. Kang Brigades Centre
	12. Kanye Brigades Centre
	13. Kgatleng Development Centre
	14. Kweneng Bophirima Development Trust
	15. Kweneng Rural Development Association
	16. Lobatse Brigades Centre
	17. Madiba Brigades Centre
	18. Mahalapye Development Trust
	19. Marapong Development Trust
	20. Marobela Brigades Centre
	21. Matsheng Brigades Centre
	22. Mosetse Brigades Centre
	23. Moshupa Development Trust
	24. Naledi Brigades Centre
	25. Ngethu Brigades Centre
	26. Nkange Brigades Centre

Brigades	27. Nswazwi Brigades Centre
	28. Okavango Brigades Centre
	29. Ramatea Vocational Centre
	30. Senyawe Brigades Centre
	31. Serowe Brigades Centre
	32. Shashe Brigades Centre
	33. Shoshong Brigades Centre
	34. Tlokweng Brigades Centre
	35. Kgalagadi South Brigades Centre
	36. Tswapong Bokone Brigades
	37. Tshwaragano Brigades Centre
	38. Tswelelopele Brigades Centre
	39. Tutume Brigades Centre
	40. Zwenshambe Brigades Centre

Appendix 3: ISCED 2013

https://uis.unesco.org/sites/default/files/documents/international-standard-classification-of-education-fields-of-education-and-training-2013-detailed-field-descriptions-2015-en.pdf

Indicator	Definition	Purpose	Data Requirement/ Needs
1. 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 education level entrance age (18 years)	· New entrants in the first year of tertiary education aged 18 years · Population of the official tertiary education level entrance age i.e. 18 years.
2. Transition Rate	The number of upper secondary school students admitted to the first year of tertiary education level 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/ BGCSE candidates in the final grade of upper secondary education level for school year t · New entrants to the first year of tertiary level of education for year t+1.
3. Gross Enrolment Ratio	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 in tertiary education. · Population aged 18 -24 years.
4. 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 year for youths in the official age group corresponding to tertiary education	· 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, i.e. population aged 18-24 years in a given year
5. 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.

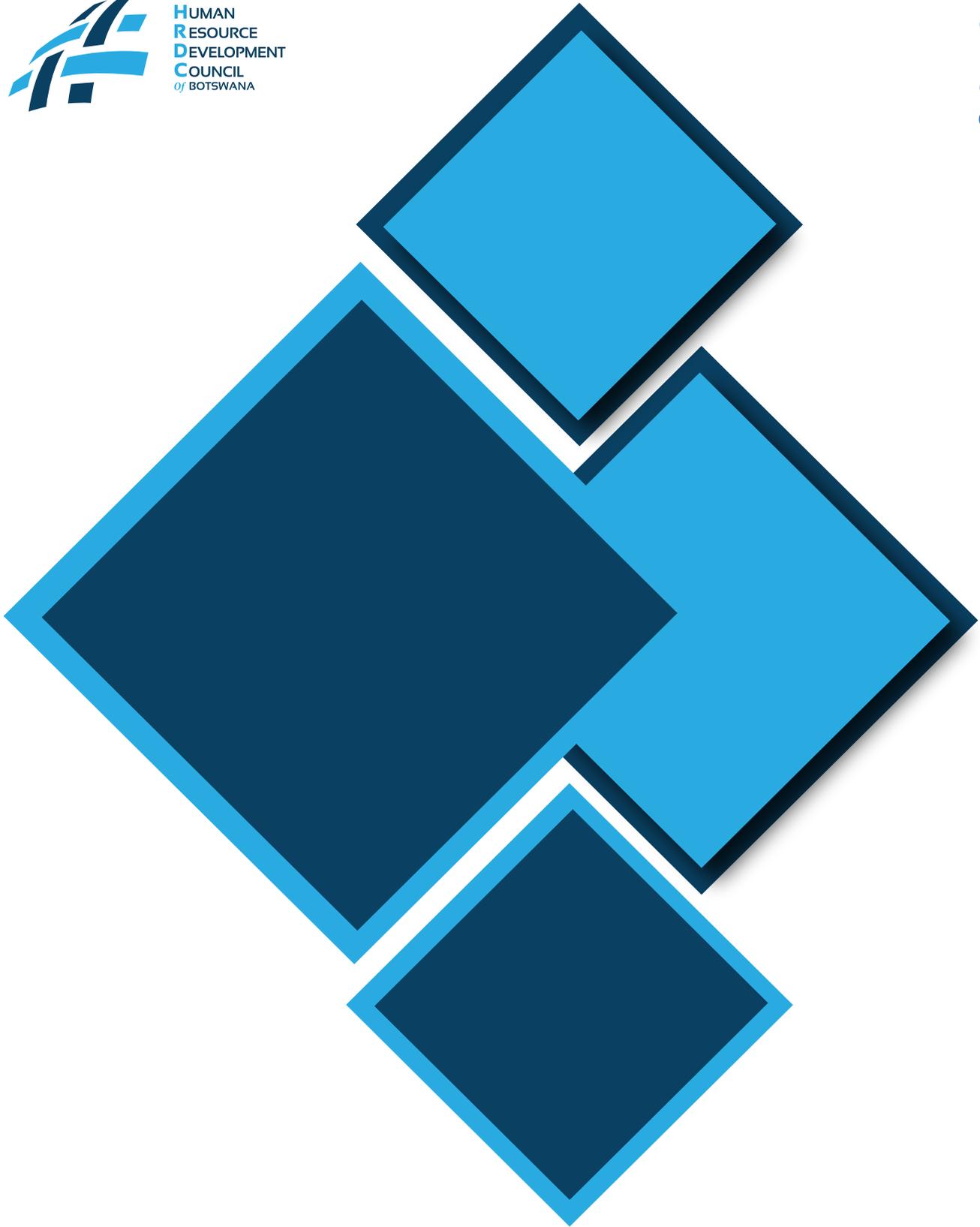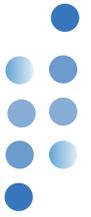| 6. Percentage of Female Teachers	The number of female teachers at a given level of education expressed as a percentage of the total number of teachers (male and female) at the same level in a given school year.	To show the gender composition of the teaching force. It helps also in assessing the need 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
7. Graduation rate	Total number of graduates for a particular cohort, regardless of age, expressed as a percentage of student enrolled in the final year of that cohort.	To indicate the general level of graduation in tertiary education. It also indicates the capacity of the tertiary education system to produce graduates for the enrolled students. The indicator is also a proxy for internal efficiency of tertiary educational systems	· Total Number of graduates Total enrolment for the cohort from which the graduates were produced
8. 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
9. Inbound Mobility Rate	Number of international students studying in a given country, expressed as a percentage of total tertiary enrolment in the country of study.	To measure the mobility of students across countries for academic reasons.	· International student enrolled in the local institutions · Total enrolment in local institutions

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