

CHAPTER 3

AGRICULTURE EDUCATION AND TRAINING AT UNIVERSITIES OF TECHNOLOGY

3.1 Introduction

There are five universities of technology offering AET programmes in South Africa. Agricultural programmes offered at these institutions range through the HET band from NQF level 6 to 10. i.e. National Diploma to Doctor of Technology (DTech). This chapter presents agriculture related programmes offered at universities of technology and the demographic breakdown of enrolments and graduates during the 2024 and 2025 academic years.

The universities of technology offering AET programmes in South Africa are Cape Peninsula University of Technology (CPUT), Central University of Technology (CUT), Mangosuthu University of Technology (MUT), Durban University of Technology (DUT) and Tshwane University of Technology (TUT).

3.2 Agriculture Education and Training programmes offered at Universities of Technology during the 2025 academic year

Table 9: Agriculture programmes offered at universities of technology					
	Cape Peninsula University of Technology	Central University of Technology Free State	Durban University of Technology	Mangosuthu University of Technology	Tshwane University of Technology
National Diploma programmes					
National Diploma Agricultural Management		X			
National Diploma in Agriculture in Animal Production (ANIPDP)				X	
Diploma in Agriculture in Animal Production (ECP) (ANIPEC)				X	
National Diploma Animal Sciences					X
National Diploma Agriculture in Crop Production (CROPDP)				X	
National Diploma Agriculture in Crop Production (ECP) (CROPEC)				X	
National Diploma Analytical Chemistry	X				
National Diploma Biotechnology	X				
National Diploma Consumer Science Food and Nutrition	X		X		
National Diploma Food Technology	X				
National Diploma Consumer Science Food and Nutrition (Foundation)			X		
National Diploma Community Extension (COMDIP)				X	

Table 9: Agriculture programmes offered at universities of technology

	Cape Peninsula University of Technology	Central University of Technology Free State	Durban University of Technology	Mangosuthu University of Technology	Tshwane University of Technology
National Diploma Equine Science					X
National Diploma Crop Science					X
National Diploma Food Science and Technology	X				
National Diploma Horticulture	X				
National Diploma Landscape Architecture	X				
National Diploma Landscape Architecture (ECP)	X				
Advanced Diploma Programmes					
Advanced Diploma Agriculture & Animal Production (ADVAGA)				X	
Advanced Diploma Agriculture & Crop Production (ADVAGC)				X	
Advanced Diploma Agricultural Extension		X			
Advanced Diploma Agricultural Extension and Community Development (ADVAEC)				X	
Advanced Diploma in Analytical Chemistry	X				
Advanced Diploma Biotechnology	X				
Advanced Diploma Agriculture Management		X			
Advanced Diploma Animal Sciences					X
Advanced Diploma Consumer Sciences Food and Nutrition	X		X		
Advanced Diploma Crop Sciences					X
Advanced Diploma Horticulture	X				
Advanced Diploma Landscape Technology	X				
Advanced Diploma Landscape Architecture	X				
Post Graduate Diploma					
Postgraduate Diploma Agricultural Management		X			
Postgraduate Diploma in Analytical Chemistry	X				
Postgraduate Diploma Animal Sciences					X
Postgraduate Diploma Crop Sciences					X
Postgraduate Diploma Consumer Sciences Food and Nutrition	X		X		
Postgraduate Diploma Biotechnology	X				
Postgraduate Diploma Horticulture	X				
Postgraduate Diploma Agriculture	X				
MTech. Programmes					
MTech. Agriculture		X			
MTech. Animal Sciences					X
MTech Crop Sciences					X
MTech Food and Nutrition	X		X		
MTech Food Science and Technology	X				
MTech Horticultural Science	X				

Table 9: Agriculture programmes offered at universities of technology					
	Cape Peninsula University of Technology	Central University of Technology Free State	Durban University of Technology	Mangosuthu University of Technology	Tshwane University of Technology
Master of Applied Science in Chemistry	X				
DTech. Programmes					
DTech Agriculture		X			
DTech Food and Nutrition			X		
DTech Animal Sciences					X
DTech Crop Sciences					X
DTech Food Science and Technology	X				
Doctor of Philosophy in Chemistry	X				

Table 9 above presents the types of agricultural programmes offered by individual University of Technology. As depicted in Table 9 above, CPUT and TUT offer a wide range of agricultural programmes on a broad curriculum that is divided into main departments such as Crop Science, Animal Science, Horticultural Science, Biotechnology and Chemistry.

Other universities of technology offer few agriculture programmes like Agricultural Management from National Diploma to Postgraduate Diploma level. The following Universities of Technology; CPUT, CUT, TUT and DUT offer programmes up to DTech level, MUT is the only University of Technology which does not offer programmes at a DTech level. Most universities of technology have a curriculum focused on skills that are less in demand in the public sector's agriculture labour market. i.e. General Agriculture, Agriculture Extension and Agricultural Management qualifications with no focus or specialization on scarce skills such as Agricultural Economics, Agricultural Engineering, Viticulture and Veterinary Science qualifications e.t.c.

There is, therefore, a high probability that graduates qualifying in these programmes might not secure employment in the public sector. However, the situation might be different in the private sector since the research conducted by DoA does not cover the private sector.

Table 10: NQF levels at universities of technology		
NQF level	Band	Types of qualification and certificates
10	Higher Education and Training Band	Doctoral Research Degree
9		Master's Research Degree
8		Postgraduate Diploma
7		Advanced Diploma / Bachelor's Degree
6		Diplomas

The coordination of agriculture higher education at universities of technology has been more progressive considering the transformation made as far as regulation is

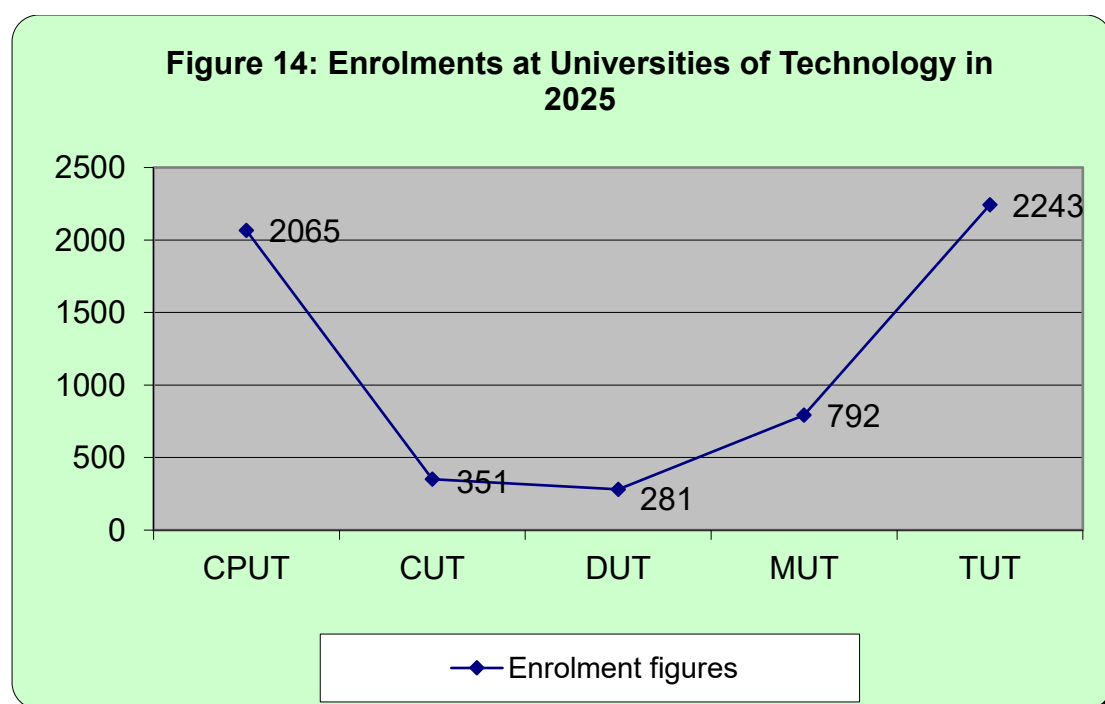
concerned. All the programmes offered at either of these universities of technology have their standards monitored, certified and registered under the NQF level. Table 10 above presents programme levels together with NQF levels at which the programmes are rated. The NQF levels determine the programme levels at each University of Technology which range between NQF levels 6 to 10.

3.3 Enrolments in AET programmes at Universities of Technology during the 2025 academic year

A total number of **5 732** students registered for AET programmes at universities of technology during the 2025 academic year.

Table 11: Enrolments per University of Technology during the 2025 academic year		
University of Technology	Enrolment figures	Percentage (%)
CPUT	2065	36
CUT	351	6
DUT	281	5
MUT	792	14
TUT	2243	39
Total	5732	100

As illustrated in table 11 above and figure 14 below, TUT and CPUT have enrolled a higher number of students than other universities of technology, dominating enrolments with 39% and 36% respectively, followed by MUT with 14%, CUT with 6% and DUT with 5% of the total number of enrolments at universities of technology during the 2025 academic year.



3.3.1 Demographic breakdown of AET enrolments at Universities of Technology during the 2025 academic year

Table 12 below presents a demographic breakdown of AET enrolments at Universities of Technology during the 2025 academic year.

Table 12: Demographic breakdown of AET enrolments at Universities of Technology during the 2025 academic year													
University of Technology	African			Coloured			White			Asian			Total
	M	F	T	M	F	T	M	F	T	M	F	T	
CPUT	1327	582	1909	84	47	131	8	5	13	6	6	12	2065
CUT	162	178	340	0	0	0	11	0	11	0	0	0	351
DUT	73	194	267	2	0	2	0	0	0	3	9	12	281
MUT	269	523	792	0	0	0	0	0	0	0	0	0	792
TUT	862	1360	2222	3	2	5	3	13	16	0	0	0	2243
TOTAL	2693	2837	5530	89	49	138	22	18	40	9	15	24	5732

Figure 15: Racial breakdown of AET enrolments at Universities of Technology

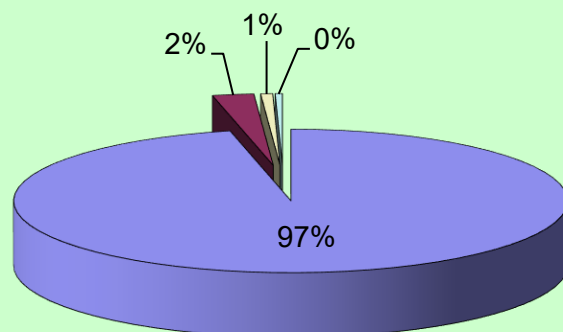


Table 12 and figure 15 above depicts that African student constituted the highest number of enrolments at universities of technology during the 2025 academic year, constituting 97%, followed by Coloureds with 2%, Whites with 1% and Asian students with less than 1% of the total number of enrolments.

Figure 16 below depicts that female students dominated enrolments at universities of technology during the 2025 academic year with 51%, whilst male students constituted 49%.

Figure 16: Gender breakdown of AET enrolments at Universities of Technology

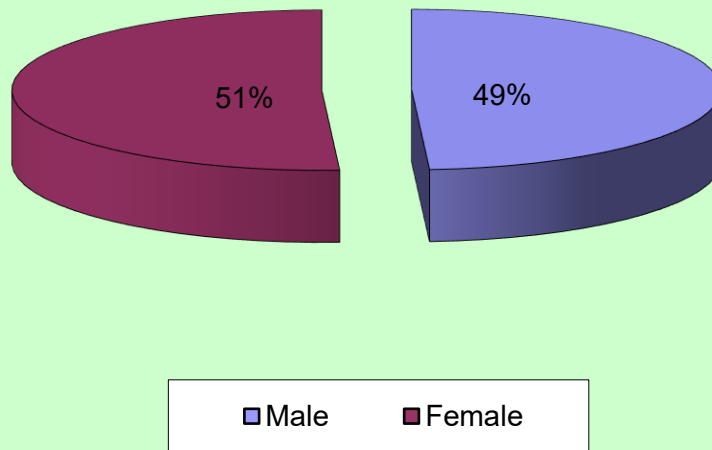


Figure 17 below depicts that African students constituted the highest number of female enrolments at universities of technology with 97%, Coloured females with 2% and White females with 1%. Asian female students constituted less than 1% of the total female enrolments at universities of technology during the 2025 academic year.

Figure 17: Racial breakdown of AET female enrolments at Universities of Technology

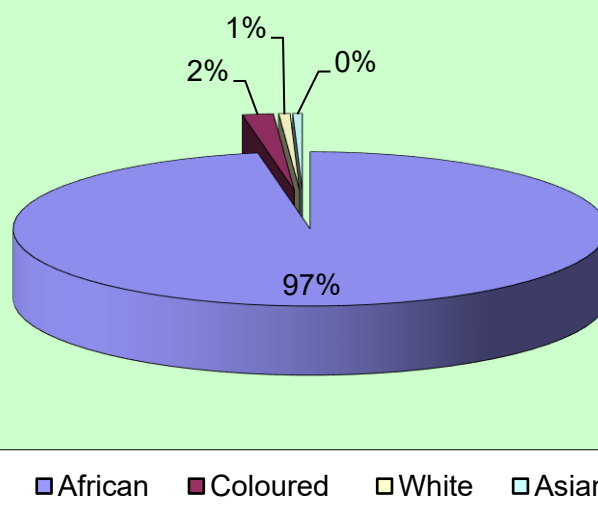
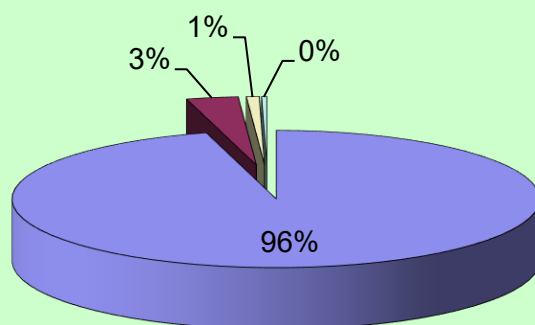


Figure 18 below indicates that African males constituted 96% of the total number of male enrolments during the 2025 academic year. Coloured and White males accounted for 3% and 1% respectively. Asian males accounted for less than 1%.

Figure 18: Racial breakdown of AET male enrolments at Universities of Technology



■ African ■ Coloured ■ White ■ Asian

3.3.2 AET enrolments at Universities of Technology by level of qualification & Category of Education Subject Matters (CESM) in 2025

Table 13: Enrolments at Universities of Technology by CESM & level of qualification

CESM	DIP	ADVANCED DIP	POSTGRAD DIP	MTECH	DTECH	TOTAL	%
Agricultural Business and Management	286	162	57	16	5	526	9
Agricultural Production Operations	553	64	0	0	0	617	11
Applied Horticulture and Horticultural Business Services	428	52	15	10	16	521	9
Food Nutrition Science and Technology	489	385	10	51	27	962	17
Animal Sciences	1001	61	32	34	13	1141	20
Plant Sciences	896	65	22	72	47	1102	19
Agricultural Operations and Related Sciences	0	0	0	0	0	0	0
Biotechnology	337	41	16	0	0	394	7
Chemistry	384	35	26	15	9	469	8
TOTAL	4374	865	178	198	117	5732	100
%	76	15	3	3	2	100	

Table 13 above is a statistical presentation of enrolments at universities of technology by CESM and level of qualification. Universities of technology offer programmes in various CESM's as indicated in table 13 and as depicted above, Animal Science, Plant Science, Food Nutrition Science and Technology and Agricultural Production Operations have the highest enrolment figures with 20%, 19%, 17% and 11% respectively. Other CESM's recorded the least number of enrolments with less than 10% each.

3.3.2.1 Demographic breakdown of AET enrolments at Universities of Technology by CESM & level of qualification during the 2025 academic year

Table 14: Demographic breakdown of Diploma enrolments by CESM at Universities of Technology in 2025													
CESM Category (Diploma)	African			Coloured			White			Asian			Total
	M	F	T	M	F	T	M	F	T	M	F	T	
Agricultural Business and Management	120	159	279	0	0	0	7	0	7	0	0	0	286
Agricultural Production Operations	185	368	553	0	0	0	0	0	0	0	0	0	553
Applied Horticulture and Horticultural Business Services	242	165	407	11	5	16	1	2	3	0	2	2	428
Food Nutrition Science and Technology	266	206	472	8	4	12	0	0	0	3	2	5	489
Animal Sciences	373	611	984	2	2	4	2	11	13	0	0	0	1001
Plant Sciences	361	533	894	1	0	1	1	0	1	0	0	0	896
Agriculture, Agricultural Operations and Related Sciences, Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Biotechnology	203	94	297	21	11	32	2	1	3	3	2	5	337
Chemistry	508	111	365	9	9	18	1	0	1	0	0	0	384
TOTAL	2258	2247	4251	52	31	83	14	14	28	6	6	12	4374
%			97			2			1			0	100

Table 14 above presents Diploma enrolments in agricultural programmes at universities of technology during the 2025 academic year. Diploma enrolments constituted 76% of the total enrolments at universities of technology during the 2025 academic year.

Africans contributed 97% of the total number of Diploma enrolments, Coloureds with 2%, Whites with 1% and Asians with less than 1% of the total number of Diploma enrolments during the 2025 academic year.

Table 15: Demographic breakdown of Advanced Diploma enrolments by CESM at Universities of Technology in 2025													
CESM Category (Advanced Diploma)	African			Coloured			White			Asian			Total
	M	F	T	M	F	T	M	F	T	M	F	T	
Agricultural Business and Management	71	89	160	0	0	0	2	0	2	0	0	0	162
Agricultural Production Operations	20	44	64	0	0	0	0	0	0	0	0	0	64
Applied Horticulture and Horticultural Business Services	29	19	48	3	1	4	0	0	0	0	0	0	52
Food Nutrition Science and Technology	237	113	350	19	10	29	2	0	2	1	3	4	385
Animal Science	37	24	61	0	0	0	0	0	0	0	0	0	61
Plant Science	18	47	65	0	0	0	0	0	0	0	0	0	65
Agriculture, Agricultural Operations and Related Sciences, Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Biotechnology	28	7	35	4	0	4	1	0	1	1	0	1	41
Veterinary Science	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry	27	5	32	1	2	3	0	0	0	0	0	0	35
TOTAL	467	348	815	27	13	40	5	0	5	2	3	5	865
%			93			5			1			1	100

Table 15 above presents enrolment figures at Advanced Diploma level in agricultural programmes at universities of technology during the 2025 academic year. Advanced Diploma enrolments constituted 15% of the total number of enrolments at universities of technology in 2025.

Africans constituted 93% of the total number of Advanced Diploma enrolments during the 2025 academic year at universities of technology, followed by Coloureds with 5%, Whites and Asians with 1% respectively.

Table 16: Demographic breakdown of Postgraduate Diploma enrolments by CESM at Universities of Technology in 2025													
CESM Category (Postgraduate Diploma)	African			Coloured			White			Asian			Total
	M	F	T	M	F	T	M	F	T	M	F	T	
Agricultural Business and Management	26	30	56	0	0	0	1	0	1	0	0	0	57
Agricultural Production Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Applied Horticulture and Horticultural Business Services	11	3	14	0	0	0	0	0	0	0	1	1	15
Food Nutrition Science and Technology	3	7	10	0	0	0	0	0	0	0	0	0	10
Animal Science	9	23	32	0	0	0	0	0	0	0	0	0	32
Plant Science	6	16	22	0	0	0	0	0	0	0	0	0	22
Agriculture, Agricultural Operations and Related Sciences, Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Biotechnology	11	5	16	0	0	0	0	0	0	0	0	0	16
Veterinary Science	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry	16	9	25	1	0	1	0	0	0	0	0	0	26
TOTAL	82	93	175	1	0	1	1	0	1	0	1	1	178
%			97			1			1			1	100

Table 16 above outlines enrolments at Postgraduate Diploma level in agricultural programmes at universities of technology during the 2025 academic year. Postgraduate Diploma enrolments constituted just 3% of the total number of enrolments at universities of technology in 2025.

During the 2025 academic year, Africans constituted 97% of the total number of Postgraduate Diploma enrolments at universities of technology, Coloureds, Whites and Asians constituted 1% respectively.

Table 17: Demographic breakdown of MTech enrolments by CESM at Universities of Technology in 2025

CESM Category (MTech)	African			Coloured			White			Asian			Total
	M	F	T	M	F	T	M	F	T	M	F	T	
Agricultural Business and Management	7	8	15	0	0	0	1	0	1	0	0	0	16
Agricultural Production Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Applied Horticulture and Horticultural Business Services	8	1	9	0	0	0	0	1	1	0	0	0	10
Food Nutrition Science and Technology	26	14	40	7	2	9	0	1	1	0	1	1	51
Animal Science	14	20	34	0	0	0	0	0	0	0	0	0	34
Plant Science	26	45	71	0	0	0	0	1	1	0	0	0	72
Agriculture, Agricultural Operations and Related Sciences, Other	0	0	0	0	0	0	0	0	0	0	0	0	30
Biotechnology	0	0	0	0	0	0	0	0	0	0	0	0	0
Veterinary Science	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry	12	0	12	1	2	3	0	0	0	0	0	0	12
TOTAL	93	88	181	8	4	12	1	3	4	0	1	1	198
%			91			6			2			1	100

Table 17 above outlines enrolments at MTech level in agricultural programmes at universities of technology during the 2025 academic year. MTech enrolments constituted 3% of the total number of enrolments at universities of technology in 2025.

Africans constituted 91% of the total number of MTech enrolments during the 2025 academic year at universities of technology, followed by Coloureds with 6%, Asians with 2% and Whites with just 1%.

Table 18: Demographic breakdown of DTech enrolments by CESM at Universities of Technology in 2025

CESM Category (DTech)	African			Coloured			White			Asian			Total
	M	F	T	M	F	T	M	F	T	M	F	T	
Agricultural Business and Management	2	3	5	0	0	0	0	0	0	0	0	0	5
Agricultural Production Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Applied Horticulture and Horticultural Business Services	9	5	14	0	0	0	1	0	1	0	1	1	16
Food Nutrition Science and Technology	12	10	22	1	0	1	0	0	0	0	4	4	27
Animal Science	1	11	12	0	0	0	0	1	1	0	0	0	13
Plant Sciences	17	30	47	0	0	0	0	0	0	0	0	0	47
Agriculture, Agricultural Operations and Related Sciences, Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Biotechnology	0	0	0	0	0	0	0	0	0	0	0	0	0
Veterinary Science	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry	6	2	8	0	1	1	0	0	0	0	0	0	9
TOTAL	47	61	108	1	1	2	1	1	2	0	5	5	117
%			92			2			2			4	100

Table 18 above outlines enrolments at DTech level in agricultural programmes at universities of technology. DTech enrolments constituted just 2% of the total number of enrolments during the 2025 academic year.

Africans constituted 92% of the total number of DTech enrolments during the 2025 academic year at universities of technology, followed by Asians with 4%, Coloureds and Whites with 2% respectively.

3.3.2.2 Agricultural Business and Management enrolments at Universities of Technology during the 2025 academic year

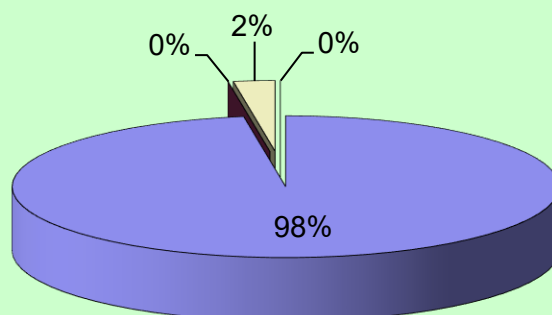
Five hundred and twenty - six (**526**) students registered in this CESM at universities of technology during the 2025 academic year. This CESM at universities of technology includes Diploma, Advanced Diploma/BTech, Advanced Diploma, Postgraduate Diploma, MTech and DTech in Agribusiness/Agricultural Business operations, Agricultural Economics, Wildlife and Other Reserve Management, Agricultural/Farm Supplies, Agricultural Business Technology, Agricultural Extension and Agricultural Business and Management, Other. Programmes in this CESM are offered by CPUT, MUT, CUT and TUT.

Table 19 below presents a demographic breakdown of Agricultural Business and Management enrolments during the 2025 academic year by level of qualification.

Table 19: Demographic breakdown of Agricultural Business and Management enrolments by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	120	159	279	0	0	0	7	0	7	0	0	0	286	54
Advanced Diploma	71	89	160	0	0	0	2	0	2	0	0	0	162	31
Postgraduate Diploma	26	30	56	0	0	0	1	0	1	0	0	0	57	11
MTech	7	8	15	0	0	0	1	0	1	0	0	0	16	3
DTech	2	3	5	0	0	0	0	0	0	0	0	0	5	1
TOTAL	226	289	515	0	0	0	11	0	11	0	0	0	526	100

Table 19 above shows that Diploma dominated Agricultural Business and Management enrolments with 54%, followed by Advanced Diploma with 31%, Postgraduate Diploma with 11%, MTech and DTech with 3% and 1% respectively.

Figure 19: Racial breakdown of Diploma enrolments in Agricultural Business and Management



■ African
 ■ Coloured
 ■ White
 ■ Asian

Figure 19 above depicts that Africans dominated Diploma enrolments in Agricultural Business and Management with 98%, followed by Whites with 2%. No Coloureds and Asians registered for Diploma level in this CESM during the 2025 academic year.

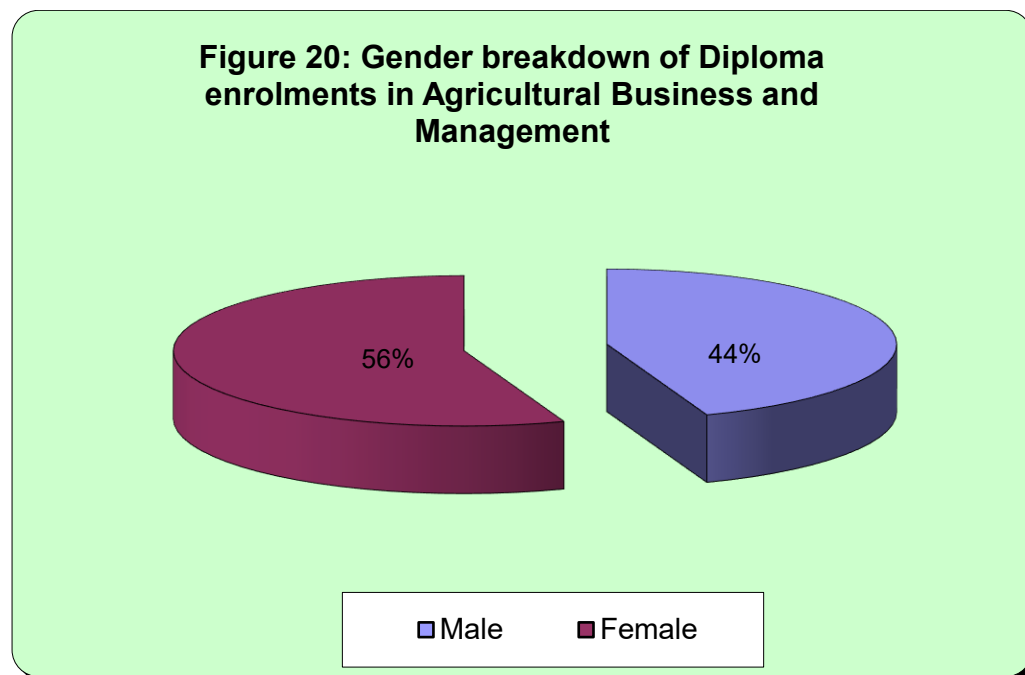


Figure 20 above depicts that females constituted 56% of the Diploma enrolments in this CESM during the 2025 academic year whilst males constituted 44%.

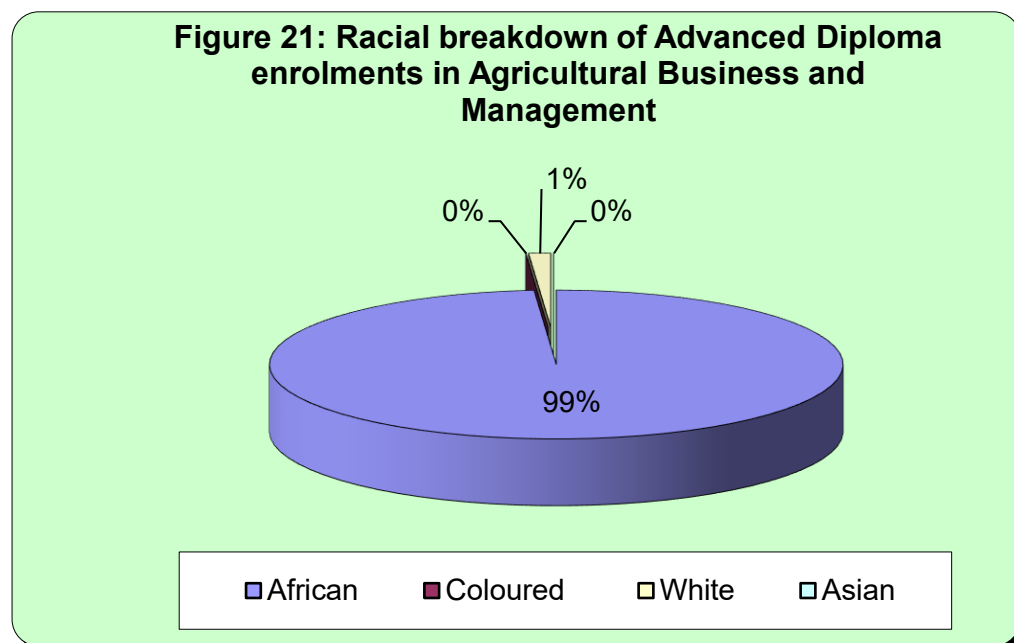


Figure 21 above depicts that Africans dominated Advanced Diploma enrolments in Agricultural Business and Management with 99%, followed by Whites with just 1%. No Coloureds and Asians were represented at this level in this CESM during the 2025 academic year.

Figure 22: Gender breakdown of Advanced Diploma enrolments in Agricultural Business and Management

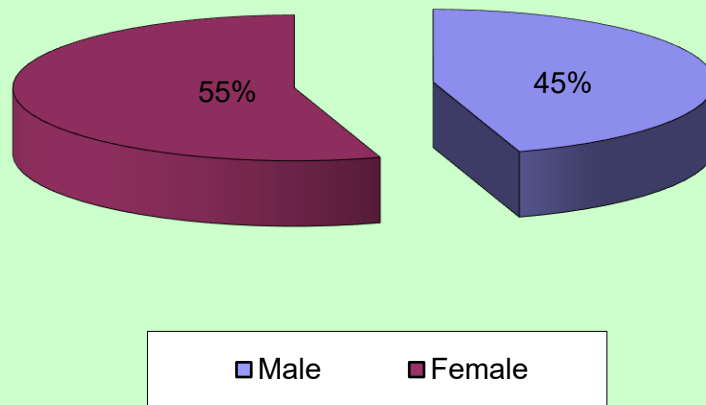


Figure 22 above depicts that females constituted 55% of Advanced Diploma enrolments in Agricultural Business and Management during the 2025 academic year whilst males constituted 45%.

Figure 23: Racial breakdown of Postgraduate Diploma enrolments in Agricultural Business and Management

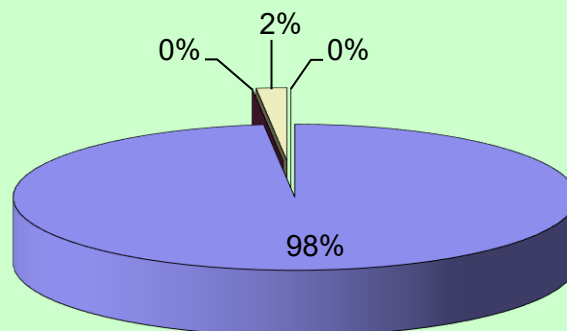
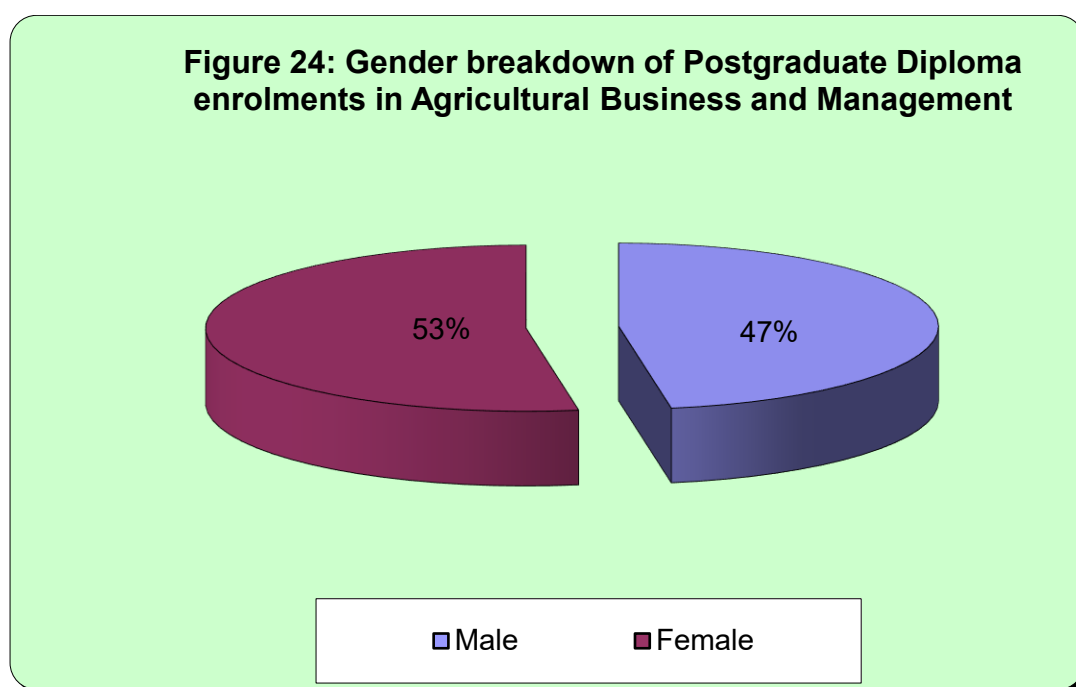


Figure 23 above depicts that Africans dominated Postgraduate Diploma enrolments in Agricultural Business and Management programme with 98%, followed by Whites with 2%. No Coloureds and Asians enrolled in this CESM at Postgraduate Diploma level during the 2025 academic year.

Figure 24 below indicates that female students accounted for 53% and male students accounted for 47% of Postgraduate Diploma enrolments in Agricultural Business and Management during the 2025 academic year.



Sixteen (16) students enrolled for MTech level in Agricultural Business and Management, 7 were African males, 8 African females and 1 was a White male. No Coloureds and Asians were represented in this CESM at this level in 2025.

Five (5) African students enrolled for DTech in Agricultural Business and Management during the 2025 academic year, 2 were males and 3 were females.

3.3.2.3. Agricultural Production Operations enrolments at Universities of Technology during the 2025 academic year

Six hundred and seventeen (617) students enrolled in Agricultural Production Operations programmes during the 2025 academic year. Institutions offering programmes in this CESM are MUT and TUT. Agricultural Production Operations includes: Animal/Livestock Husbandry and Production, Crop Production and Protection, Dairy Husbandry and Production and Management, Horse Husbandry and Management, Soil Science and Agronomy, Crop Agricultural Production Operations.

Table 20: Demographic breakdown of Agricultural Production Operations enrolments by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	185	368	553	0	0	0	0	0	0	0	0	0	553	90
Advanced Diploma	20	44	64	0	0	0	0	0	0	0	0	0	64	10
Postgrad Diploma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MTech	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	205	412	617	0	0	0	0	0	0	0	0	0	617	100

Table 20 above presents a demographic breakdown of Agricultural Production Operations enrolments during the 2025 academic year by level of qualification. It further indicates that Diploma enrolments contributed 90% whilst Advanced Diploma enrolments accounted for 10%. No students registered for Postgraduate Diploma, MTech and DTech level in this CESM in 2025.

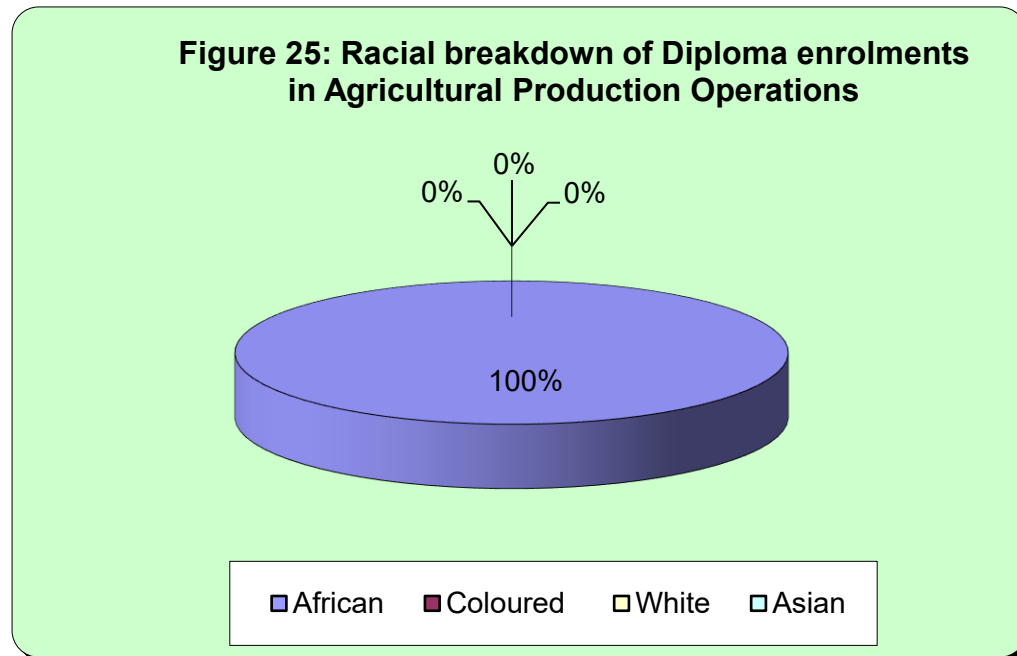


Figure 25 above depicts that only Africans registered for Diploma in Agricultural Production Operations programmes with 100% enrolments. No Coloureds, Whites and Asians were represented in this CESM at Diploma level during the 2025 academic year.

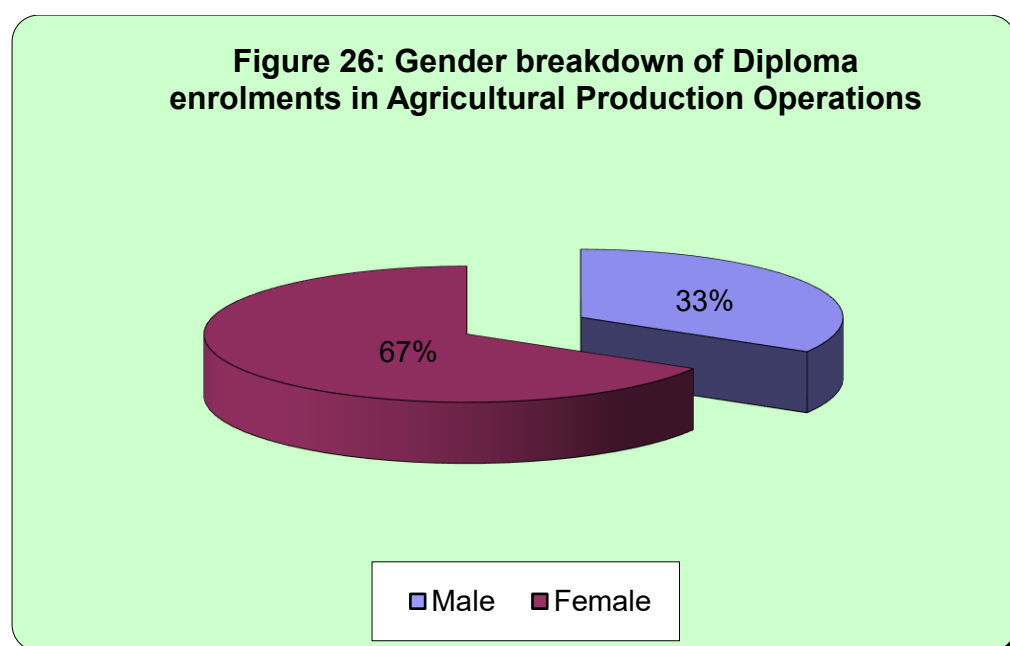


Figure 26 above indicates that female students dominated Diploma enrolments in Agricultural Production Operations with 67% whilst males constituted 33%.

Figure 27: Racial breakdown of Advanced Diploma enrolments in Agricultural Production Operations

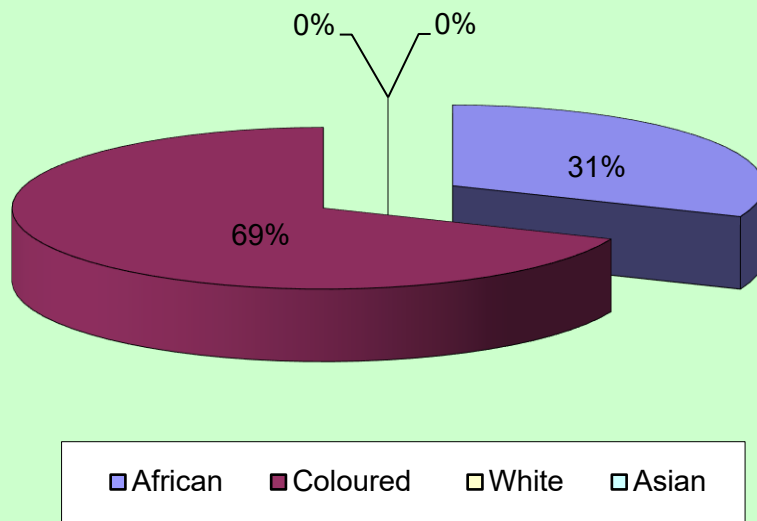


Figure 27 above indicates that Coloureds dominated enrolments at Advanced Diploma level in Agricultural Production Operations with 69%, followed by Africans with 31%. No Whites and Asians were enrolled in this CESM at Advanced Diploma level during the 2025 academic year.

Figure 28: Gender breakdown of Advanced Diploma enrolments in Agricultural Production Operations

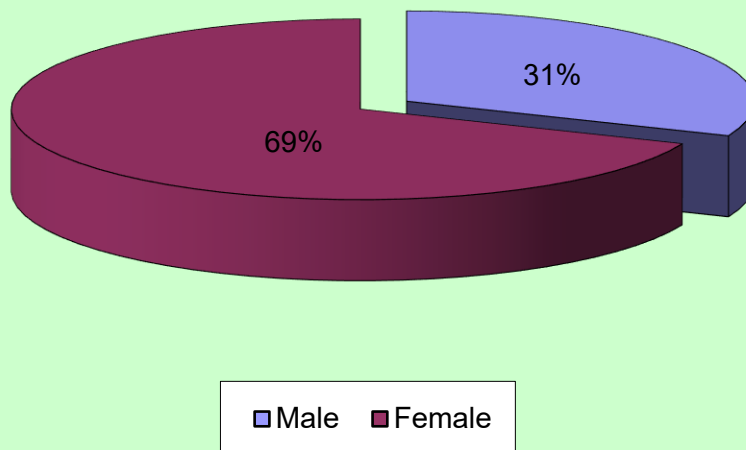


Figure 28 indicates that female students accounted for 69% whilst males accounted for 31% of the Advanced Diploma enrolments in Agricultural Production Operations.

No students registered for Postgraduate Diploma, MTech and DTech level in this CESM during the 2025 academic year.

3.3.2.4 Applied Horticulture and Horticulture Business Services enrolments at Universities of Technology during the 2025 academic year

Five hundred and twenty - one (**521**) students enrolled in this CESM during the 2025 academic year. Applied Horticulture and Horticulture Business Services constituted 9% of the total AET enrolments during the 2025 academic year. Applied Horticulture and Horticulture Business Services programmes are offered by CPUT and TUT.

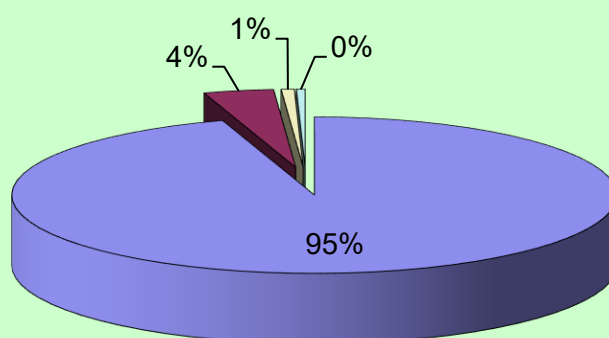
Applied Horticulture and Horticulture Business Services includes programmes in: Applied Horticulture/Horticultural Operations, General, Ornamental Horticulture, Greenhouse Operations and Management, Landscaping, Plant Nursery Operations and Management, Turf and Grass Management, Floriculture/Floristry Operations and Applied Horticulture and Horticultural Business Services, Other.

Table 21 below presents a demographic breakdown of Applied Horticulture and Horticulture Business Services enrolments during the 2025 academic year.

Table 21: Demographic breakdown of Applied Horticulture and Horticultural Business Services enrolments by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	242	165	407	11	5	16	1	2	3	0	2	2	428	82
Advanced Diploma	29	19	48	3	1	4	0	0	0	0	0	0	52	10
Postgrad Diploma	11	3	14	0	0	0	0	0	0	0	1	1	15	3
MTech	8	1	9	0	0	0	0	1	1	0	0	0	10	2
DTech	9	5	14	0	0	0	1	0	1	0	1	1	16	3
TOTAL	299	193	492	14	6	20	2	3	5	0	4	4	521	100

Table 21 above shows that Diploma level accounted for 82% of the overall Applied Horticulture and Horticulture Business Services enrolments, followed by Advanced Diploma with 10%, Postgraduate Diploma and DTech with 3% respectively and MTech with 2%.

Figure 29: Racial breakdown of Diploma enrolments in Applied Horticulture and Horticulture Business Services



■ African ■ Coloured ■ White ■ Asian

Figure 29 above indicates that African students dominated Diploma enrolments in Applied Horticulture and Horticulture Business Services with 95%, followed by Coloureds with 4%, Whites with 1% and Asians with less than 1%.

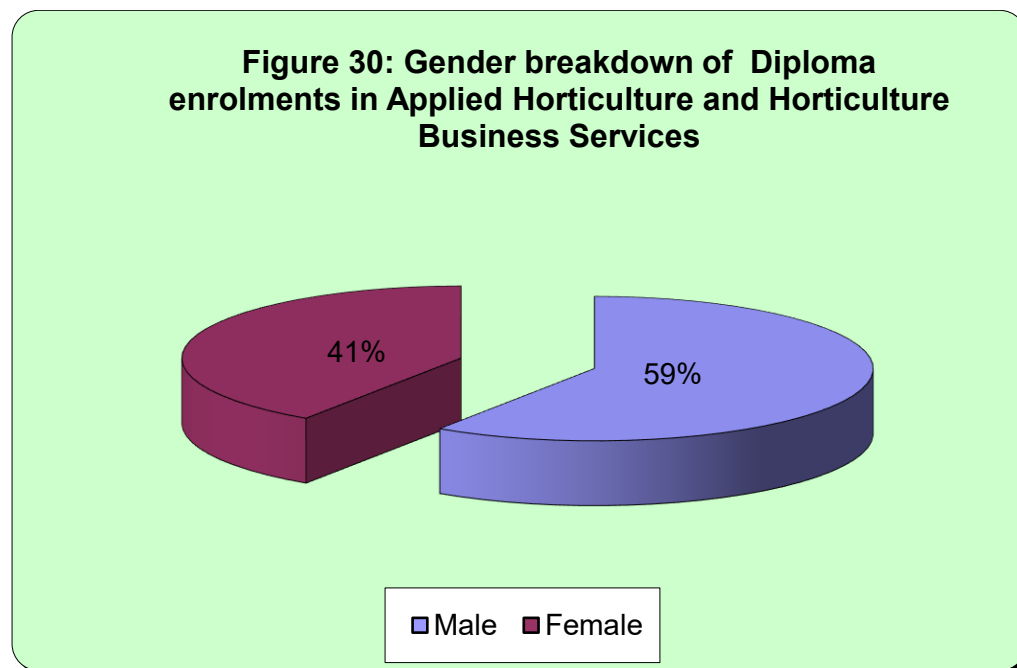


Figure 30 above depicts that male students constituted 59% of Diploma enrolments in Applied Horticulture and Horticulture Business Services whilst females accounted for 41%.

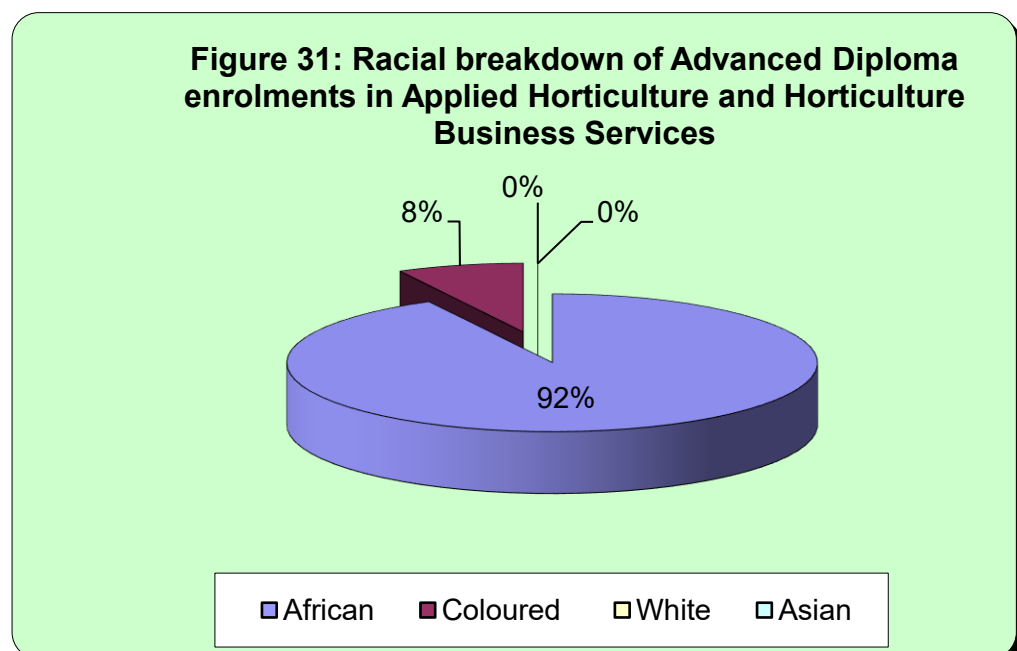


Figure 31 above depicts that Africans dominated Advanced Diploma enrolments in Applied Horticulture and Horticulture Business Services with 92%, followed by Coloureds with 8%. No Whites and Asians enrolled for Advanced Diploma in this CESM during the 2025 academic year.

Figure 32: Gender breakdown of Advanced Diploma enrolments in Applied Horticulture and Horticulture Business Services

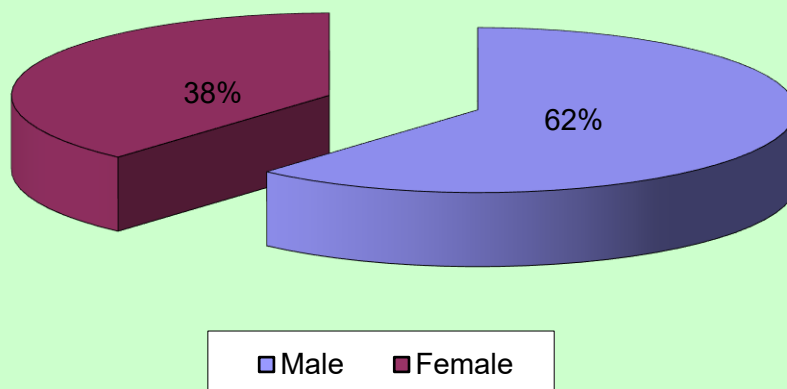


Figure 32 above depicts that male students constituted 62% of Advanced Diploma enrolments in Applied Horticulture and Horticulture Business Services whilst female students accounted for 38%.

Fifteen (15) students enrolled in this CESM at Postgraduate Diploma level during the 2025 academic year; 11 were African males, 3 African females and 1 was an Asian female.

Ten (10) students were enrolled in this CESM at MTech level; 8 were African females, 1 was an African male and 1 White female.

Sixteen (16) student enrolled in this CESM at DTech level during the 2025 academic year; 9 were African males, 5 African females, 1 was a White male and 1 was an Asian female.

3.3.2.5. Demographic breakdown of Food Nutrition Science and Technology enrolments during the 2025 academic year

Nine hundred and sixty - two (**962**) students registered in this CESM during the 2025 academic year. Food Nutrition Science and Technology programmes are offered by CPUT and DUT.

Table 22: Demographic breakdown of Food Nutrition Science and Technology enrolments during the 2025 academic year

LEVEL	African			Coloured			White			Asian			Total	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	266	206	472	8	4	12	0	0	0	3	2	5	489	51
Advanced Diploma	237	113	350	19	10	29	2	0	2	1	3	4	385	40
Postgrad Diploma	3	7	10	0	0	0	0	0	0	0	0	0	10	1
MTech	26	14	40	7	2	9	0	1	1	0	1	1	51	5
DTech	12	10	22	1	0	1	0	0	0	0	4	4	27	3
TOTAL	544	350	894	35	16	51	2	1	3	4	10	14	962	100

Table 22 above depicts that Diploma enrolments accounted for 51% of the total number of enrolments in this CESM during the 2025 academic year, followed by Advanced Diploma with 40%, MTech with 5%, DTech with 3% and Postgraduate Diploma with just 1%.

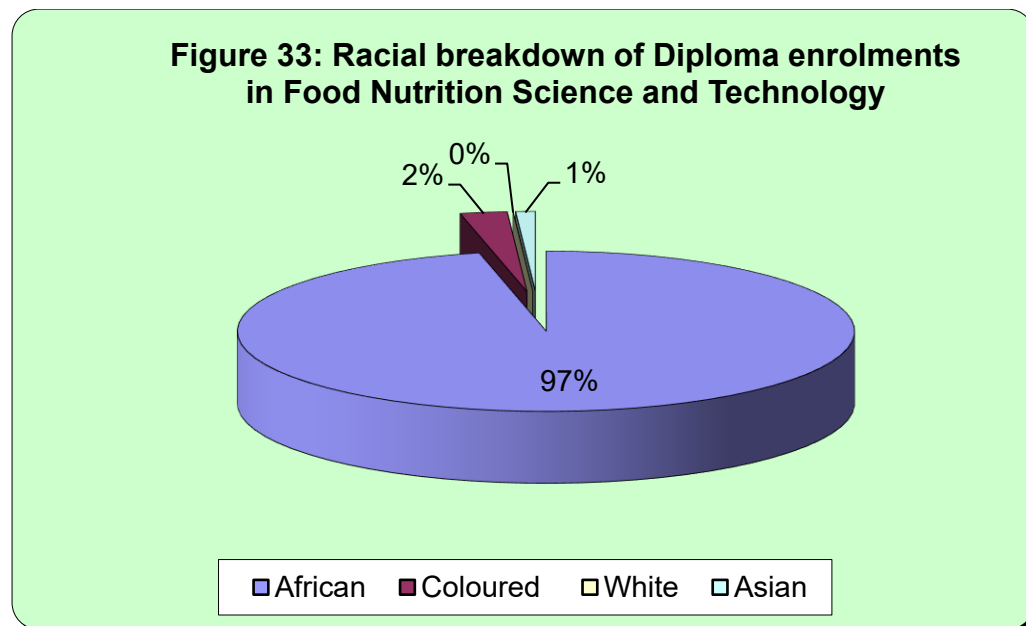


Figure 33 above illustrates that African students dominated Diploma enrolments in Food Nutrition Science and Technology during the 2025 academic year with 97%, followed by Coloureds with 2% and Asians with 1%. No White students registered in this CESM at Diploma level during the 2025 academic year.

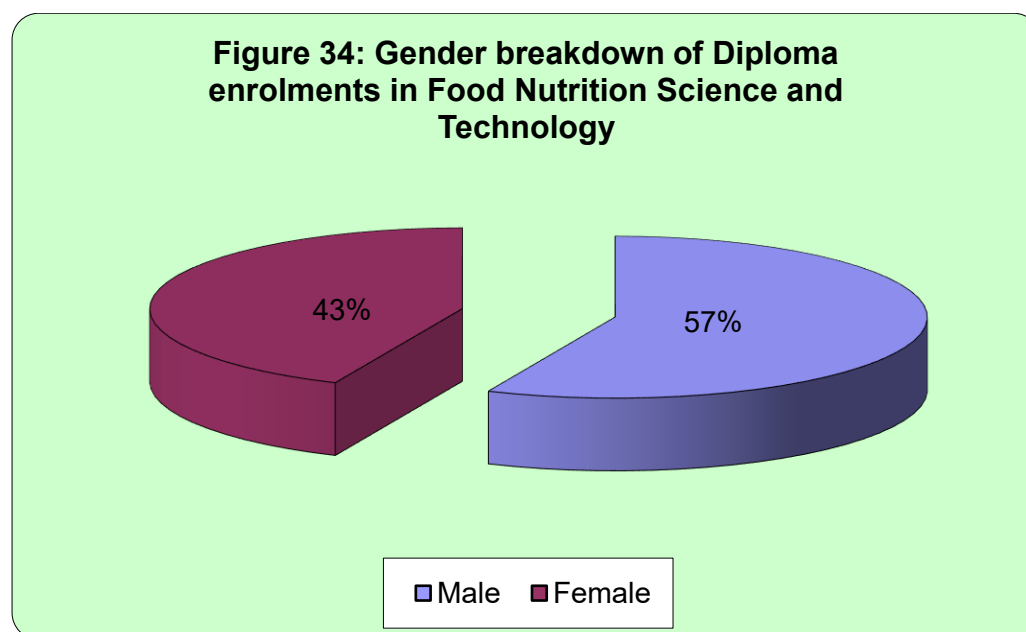


Figure 34 above shows that male students dominated the Diploma enrolments in Food Nutrition Science and Technology during the 2025 academic year with 57% whilst females constituted 43%.

Figure 35: Racial breakdown of Advanced Diploma enrolments in Food Nutrition Science and Technology

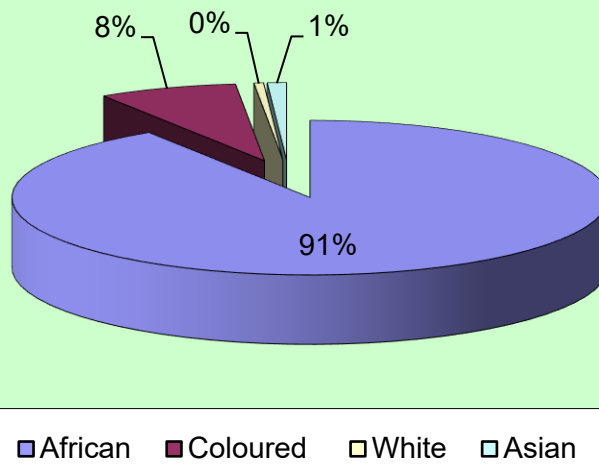


Figure 35 above illustrates that African students dominated Advanced Diploma enrolments in Food Nutrition Science and Technology during the 2025 academic year with 91%, followed by Coloureds with 8% and Asians with 1%. No White students were enrolled in this CESM at this level during the 2025 academic year.

Figure 36: Gender breakdown of Advanced Diploma enrolments in Food Nutrition Science and Technology

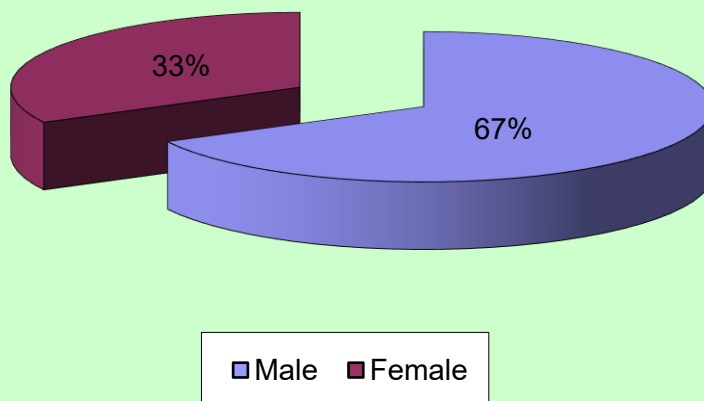


Figure 36 above shows that male students dominated the Advanced Diploma enrolments in Food Nutrition Science and Technology with 67% whilst females constituted 33%.

Ten (10) African students enrolled in this CESM at Postgraduate Diploma level during the 2025 academic year; 3 were males and 7 females. No other racial groups were represented at this level in this CESM.

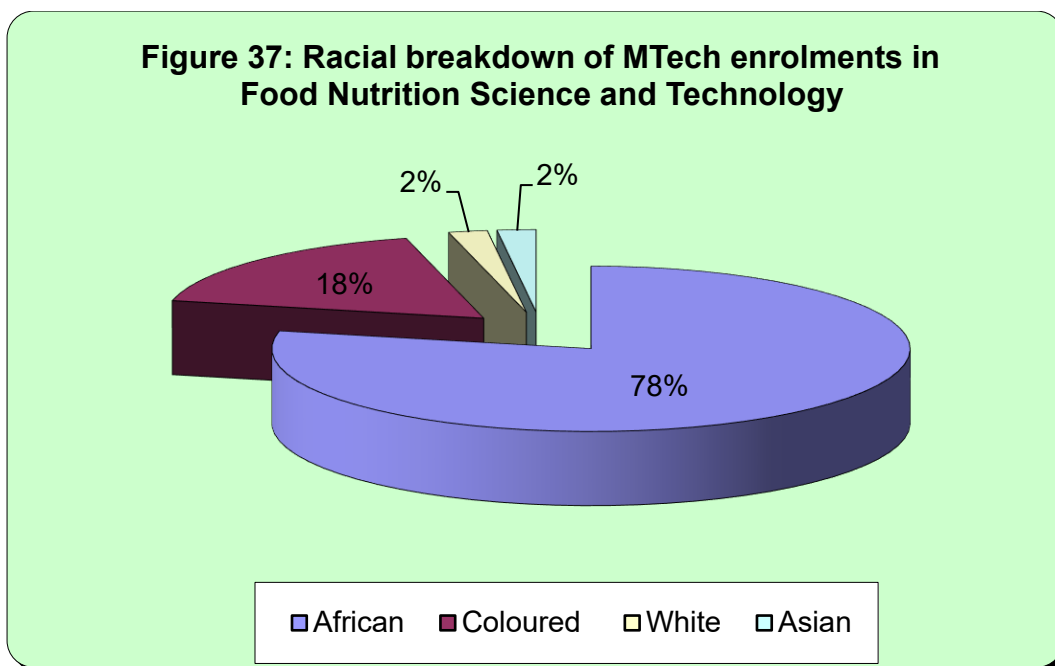


Figure 37 above indicates that Africans dominated MTech enrolments in this CESM with 78%, followed by Coloureds with 18%. Whites and Asians contributed 2% respectively.

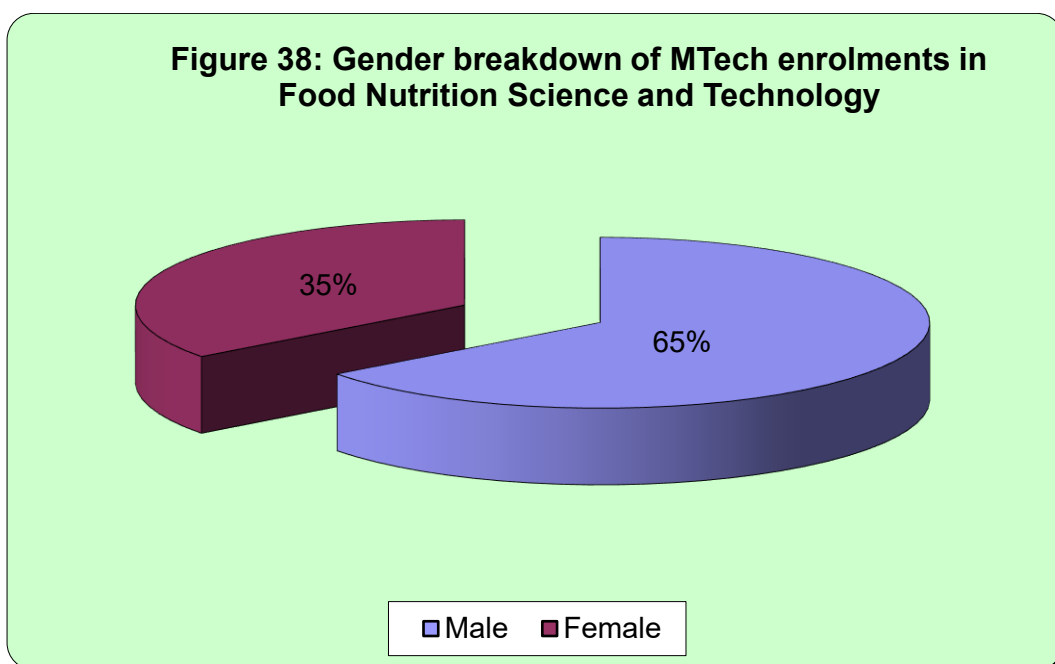


Figure 38 above indicates that males dominated MTech enrolments in Food Nutrition Science and Technology during the 2025 academic year with 65%, whilst females contributed 35%.

Twenty – seven (27) students enrolled at DTech level in Food Nutrition Science and Technology during the 2025 academic year; 12 were African males, 10 African females, 1 was a Coloured male and 4 were Asian females. No Whites were represented in this CESM at this level.

3.3.2.6. Plant Science enrolments at Universities of Technology during the 2025 academic year

One thousand one hundred and two (**1 102**) students registered in this CESM during the 2025 academic year. Plant Science programmes are offered by CPUT and TUT. Plant Science includes programmes in: Plant Sciences, General, Agronomy and Crop Science, Plant Breeding, Plant Protection and Integrated Pest Management, Range Science and Management, Plant Pathology and Plant Sciences, Other.

Table 23 below presents a demographic breakdown of Plant Science enrolments during the 2025 academic year by level of qualification.

Table 23: Demographic breakdown of Plant Science enrolments by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	361	533	894	1	0	1	1	0	1	0	0	0	896	81
Advanced Diploma	18	47	65	0	0	0	0	0	0	0	0	0	65	6
Postgrad Diploma	6	16	22	0	0	0	0	0	0	0	0	0	22	2
MTech	26	45	71	0	0	0	0	1	1	0	0	0	72	7
DTech	17	30	47	0	0	0	0	0	0	0	0	0	47	4
TOTAL	428	671	1099	1	0	1	1	1	2	0	0	0	1102	100

Diploma enrolments accounted for 81% of the total number of enrolments in this CESM while Advanced Diploma accounted for 6%, Postgraduate Diploma with 2%, MTech and DTech with 7% and 4% respectively.

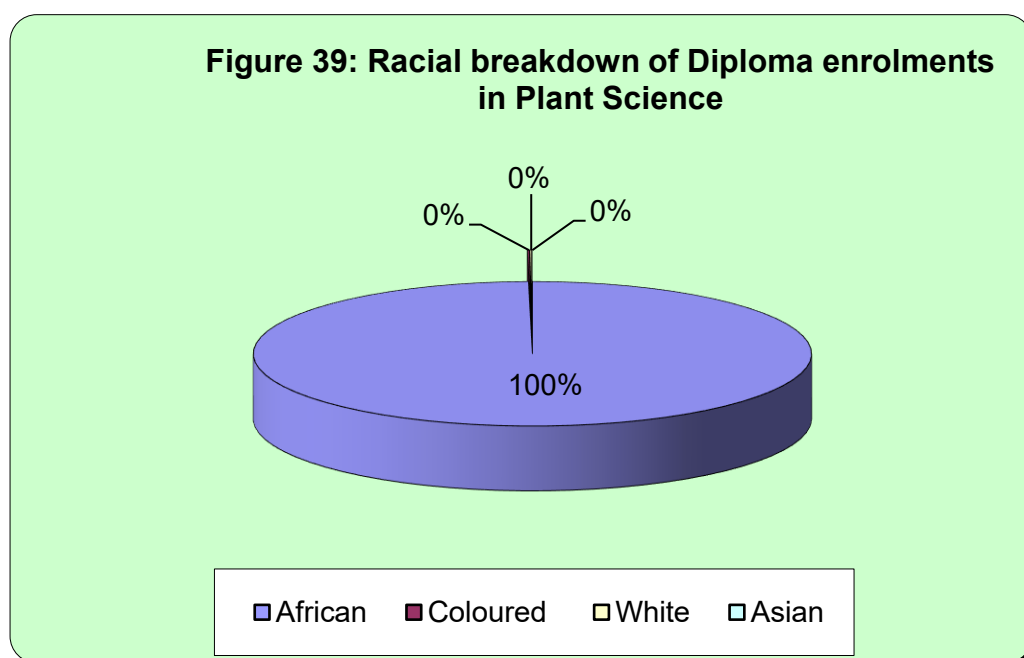


Figure 39 above depicts that Africans dominated the Diploma enrolments in Plant Science during the 2025 academic year with 100%. No other racial group was represented at this level in this CESM.

Figure 40: Gender breakdown of Diploma enrolments in Plant Science

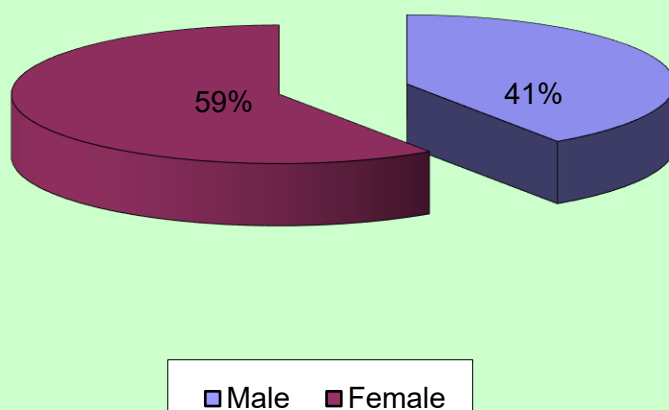


Figure 40 above indicates that female students constituted 59% of the total number of Diploma enrolments in Plant Science whilst male students constituted 41%.

Figure 41: Racial breakdown of Advanced Diploma enrolments in Plant Science

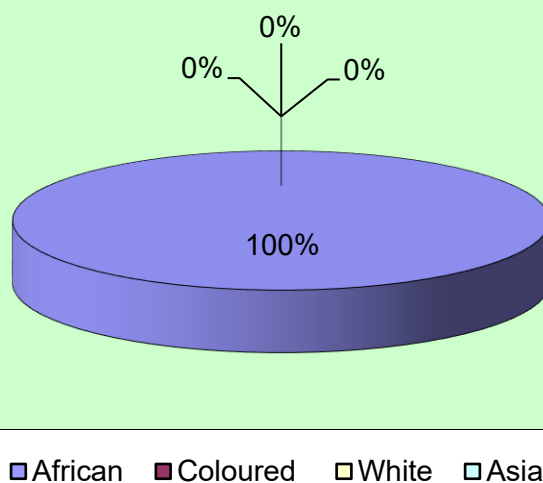


Figure 41 above depicts that only African students enrolled for Advanced Diploma in Plant Science with 100% enrolment. No other racial group was represented in this CESM at Advanced Diploma level during the 2025 academic year.

Figure 42: Gender breakdown of Advanced Diploma enrolments in Plant Science

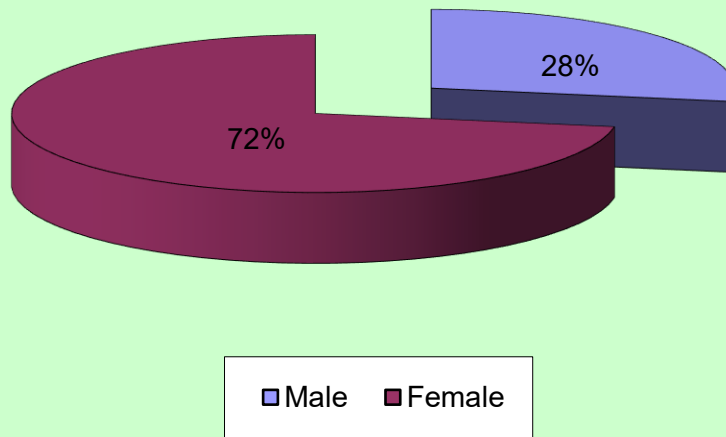


Figure 42 above indicates that female students constituted 72% of the total number of enrolments in this CESM at Advanced Diploma level whilst male students constituted 28%.

Twenty – two (22) African students enrolled in this CESM at Postgraduate Diploma levels during the 2025 academic year; 6 were males and 16 were females.

Figure 43: Racial breakdown of MTech enrolments in Plant Science

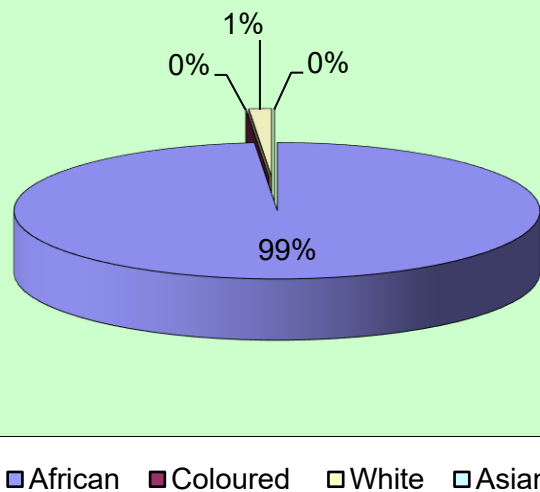


Figure 43 above depicts that Africans dominated enrolments in MTech Plant Science with 99%, followed by Whites with just 1%. No Coloureds and Asians registered for MTech in this CESM during the 2025 academic year.

Figure 44: Gender breakdown of MTech enrolments in Plant Science

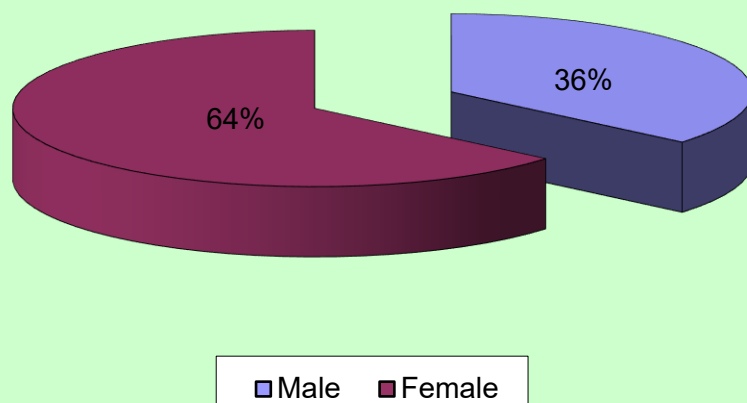


Figure 44 above depicts that female students constituted 64% of the total number of enrolments in this CESM at MTech level and male students constituted 36%.

Forty – seven (47) African students enrolled in this CESM at DTech level during the 2025 academic year; 17 were males and 30 were females.

3.3.2.7 Animal Science enrolments at Universities of Technology during the 2025 academic year

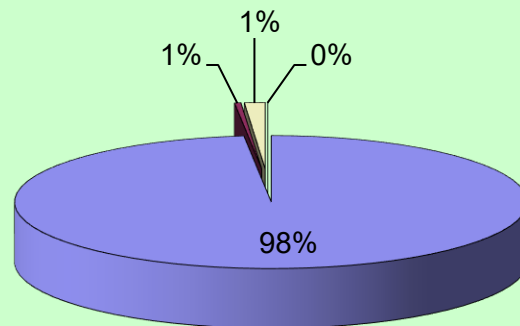
One thousand one hundred and forty - one (**1 141**) students registered for Animal Science during the 2025 academic year. Institution offering programmes in Animal Science is TUT.

Table 24 below presents a demographic breakdown of Animal Science enrolments during the 2025 academic year by level of qualification.

Table 24: Demographic breakdown of Animal Science enrolments by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	373	611	984	2	2	4	2	11	13	0	0	0	1001	88
Advanced Diploma	37	24	61	0	0	0	0	0	0	0	0	0	61	5
Postgrad Diploma	9	23	32	0	0	0	0	0	0	0	0	0	32	3
MTech	14	20	34	0	0	0	0	0	0	0	0	0	34	3
DTech	1	11	12	0	0	0	0	1	1	0	0	0	13	1
TOTAL	434	689	1123	2	2	4	2	12	14	0	0	0	1141	100

Diploma enrolments in Animal Science accounted for 88% of the total number of enrolments in this CESM while Advanced Diploma accounted for 5%, Postgraduate Diploma and MTech with 3% respectively and DTech with just 1%.

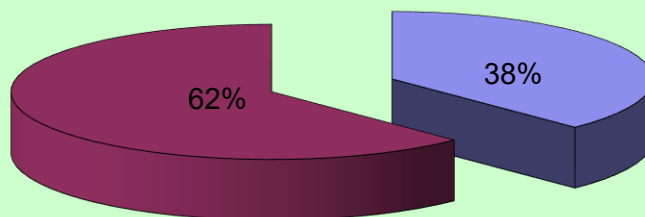
Figure 45: Racial breakdown of Diploma enrolments in Animal Science



■ African ■ Coloured ■ White ■ Asian

Figure 45 above indicates that Africans dominated Diploma enrolments in Animal Science with 98%, followed by Coloureds and Whites with 1% respectively. No Asians enrolled in this CESM at Diploma level during the 2025 academic year.

Figure 46: Gender breakdown of Diploma enrolments in Animal Science



■ Male ■ Female

Figure 46 above indicates that female students constituted 62% of Diploma enrolments in this Animal Science whilst male students accounted for 38%.

Figure 47: Racial breakdown of Advanced Diploma enrolments in Animal Science

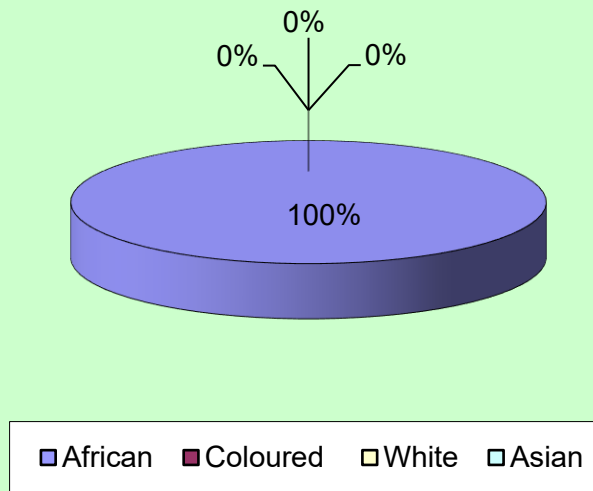


Figure 47 above indicates that only Africans enrolled for Advanced Diploma level in Animal Science during the 2025 academic year with 100%. No other racial groups were represented at this level in this CESM.

Figure 48: Gender breakdown of Advanced Diploma enrolments in Animal Science

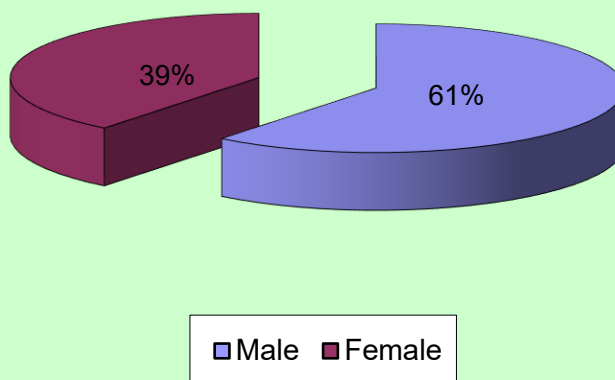


Figure 48 above indicates that male students dominated Advanced Diploma enrolments in Animal Science with 61% whilst females contributed 39%.

Thirty – two (32) African students enrolled in this CESM at Postgraduate Diploma level during the 2025 academic year; 9 were males and 23 were females.

Thirty – four (34) African students enrolled in Animal Science at MTech level; 14 were males and 20 were females. No other racial groups were represented in this CESM at this level during the 2025 academic year.

Thirteen (13) students enrolled in this CESM at DTech level during the 2025 academic year; 1 was an African male, 11 African females and 1 was a White male. No Coloureds and Asians were represented in this CESM at this level.

3.3.2.8 Agriculture, Agricultural Operations and Related Sciences, Other enrolments at Universities of Technology during the 2025 academic year

During the 2025 academic year, no students registered for Agriculture, Agricultural Operations and Related Science at universities of technology.

Table 25 below presents a demographic breakdown of Agriculture, Agricultural Operations and Related Science, Other enrolments during the 2025 academic year by level of qualification.

Table 25: Demographic breakdown of Agriculture, Agricultural Operations and Related Sciences, Other enrolments by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
NHC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diploma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postgrad Diploma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MTech	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DTech	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0

3.3.2.9. Agricultural Biotechnology enrolments at Universities of Technology during the 2025 academic year

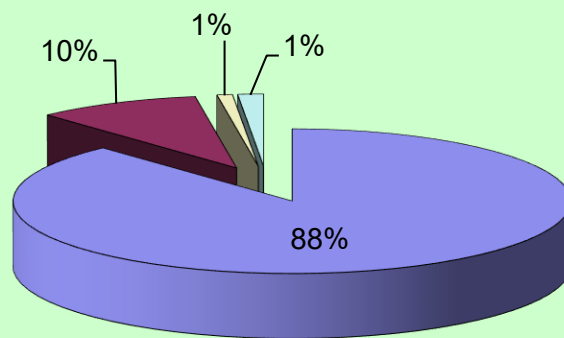
Three hundred and ninety - four (**394**) students enrolled in Agricultural Biotechnology during the 2025 academic year. Agricultural Biotechnology programmes are offered only by CPUT.

Table 26 below presents a demographic breakdown of Biotechnology enrolments during the 2025 academic year by level of qualification.

Table 26: Demographic breakdown of Agricultural Biotechnology enrolments by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	203	94	297	21	11	32	2	1	3	3	2	5	337	86
Advanced Diploma	28	7	35	4	0	4	1	0	1	1	0	1	41	10
Postgrad Diploma	11	5	16	0	0	0	0	0	0	0	0	0	16	4
MTech	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DTech	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	242	106	348	25	11	36	3	1	4	4	2	6	394	100

Diploma constituted 86% of the total number of enrolments in Agricultural Biotechnology, followed by Advanced Diploma with 10% and Postgraduate Diploma with just 4%. No students registered for MTech and DTech level in Agricultural Biotechnology during the 2025 academic year.

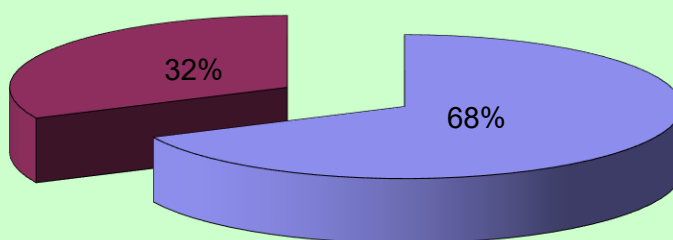
Figure 49: Racial breakdown of Diploma enrolments in Agricultural Biotechnology



■ African ■ Coloured ■ White ■ Asian

Figure 49 above depicts that African students dominated the Diploma enrolments in Agricultural Biotechnology with 88%, followed by Coloureds with 10%. Whites and Asians constituted 1% respectively.

Figure 50: Gender breakdown of Diploma enrolments in Agricultural Biotechnology



■ Male ■ Female

Figure 50 above shows that male students constituted 68% of Diploma enrolments in Agricultural Biotechnology whilst female students constituted 32%.

Figure 51: Racial breakdown of Advanced Diploma enrolments in Agricultural Biotechnology

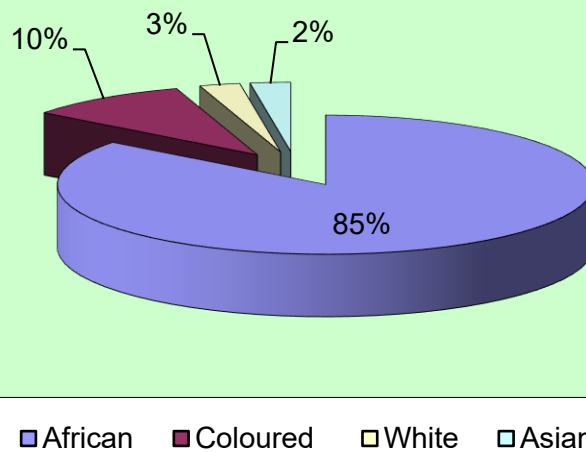


Figure 51 above indicates that Africans dominated enrolments in Advanced Diploma Agricultural Biotechnology with 85%, followed by Coloureds with 10%, Whites with 3% and Asians with 2% of the total number of Advanced Diploma enrolments during the 2025 academic year.

Figure 52: Gender breakdown of Advanced Diploma enrolments in Agricultural Biotechnology

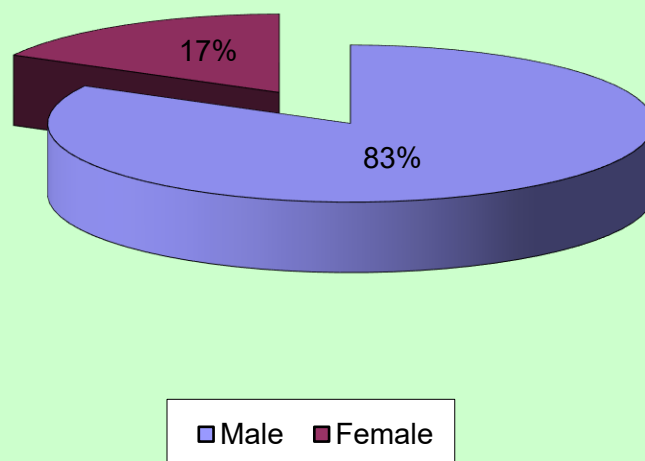
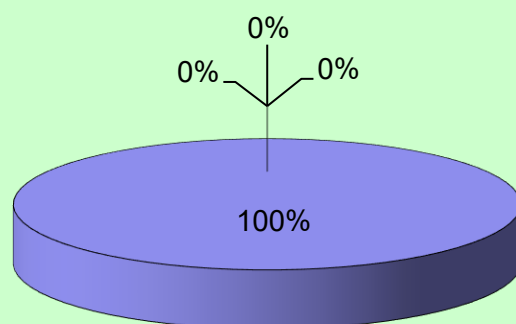


Figure 52 above depicts that males accounted for 83% of Advanced Diploma enrolments in Agricultural Biotechnology whilst females constituted 17%.

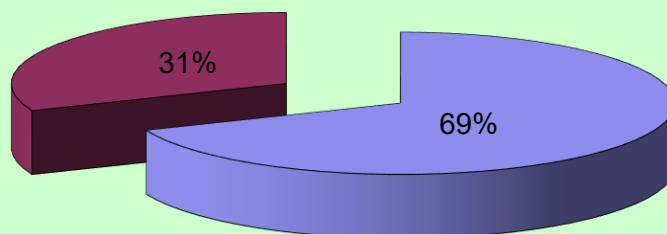
Figure 53: Racial breakdown of Postgraduate Diploma enrolments in Agricultural Biotechnology



■ African ■ Coloured ■ White ■ Asian

Figure 53 above indicates that only Africans registered for Postgraduate Diploma in Agricultural Biotechnology during the 2025 academic year. No other racial groups were represented in this CESM at this level.

Figure 54: Gender breakdown of Postgraduate Diploma enrolments in Agricultural Biotechnology



■ Male ■ Female

Figure 54 above shows that male students dominated Postgraduate Diploma enrolments in Agricultural Biotechnology with 69% whilst female students constituted 31%.

No students registered for MTech and DTech level in Agricultural Biotechnology during the 2025 academic year.

3.3.2.10 Chemistry enrolments at Universities of Technology during the 2025 academic year

Four hundred and sixty - nine (**469**) students registered for Chemistry programmes at Cape Peninsula University of Technology during the 2025 academic year. Chemistry programmes includes; General Chemistry, Analytical Chemistry, Inorganic Chemistry, Organic Chemistry, Physical and Theoretical Chemistry, Polymer Chemistry, Chemical Physics and Chemistry, Other.

Table 27 below presents a demographic breakdown of Chemistry enrolments during the 2025 academic year by level of qualification.

Table 27: Demographic breakdown of Chemistry enrolments by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	254	111	365	9	9	18	1	0	1	0	0	0	384	82
Advanced Diploma	27	5	32	1	2	3	0	0	0	0	0	0	35	7
Postgrad Diploma	16	9	25	1	0	1	0	0	0	0	0	0	26	6
MTech	12	0	12	1	2	3	0	0	0	0	0	0	15	3
DTech	6	2	8	0	1	1	0	0	0	0	0	0	9	2
TOTAL	315	127	442	12	14	26	1	0	1	0	0	0	469	100

Table 27 above shows that Diploma dominated Chemistry enrolments during the 2025 academic year with 82%, followed by Advanced Diploma with 7%, Postgraduate Diploma with 6%, MTech with 3% and DTech with 2%.

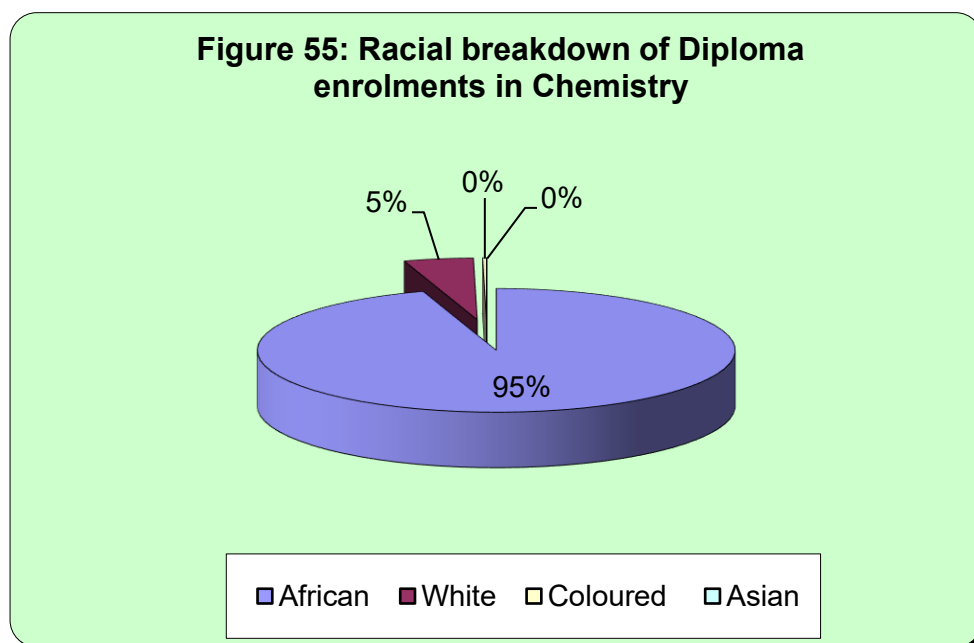


Figure 55 above indicates that Africans accounted for 95% of Diploma enrolments in Chemistry, followed by Coloureds with 5%. No Whites and Asians were represented in this CESM at this level during the 2025 academic year.

Figure 56: Gender breakdown of Diploma enrolments in Chemistry

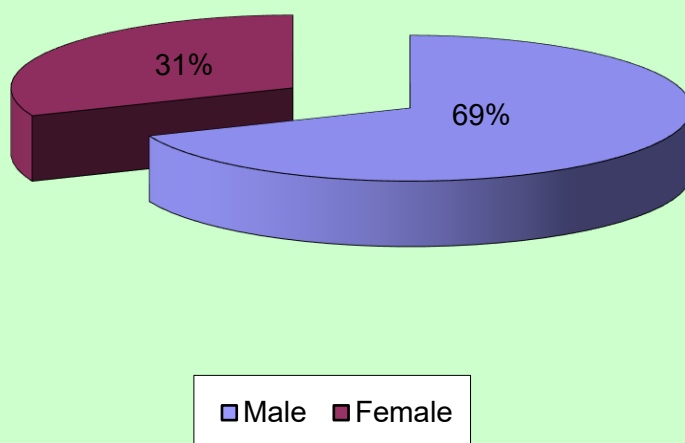


Figure 56 above indicates that male students constituted 69% of the total Diploma enrolments in Chemistry while females contributed 31%.

Figure 57: Racial breakdown of Advanced Diploma enrolments in Chemistry

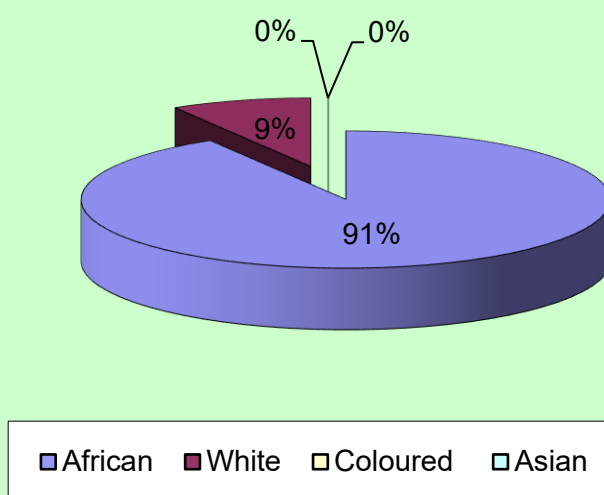


Figure 57 above depicts that African students dominated Advanced Diploma enrolments in Chemistry with 91%, followed by Coloureds with 9%. No Whites and Asians enrolled in this CESM at Advanced Diploma level during the 2025 academic year.

Figure 58: Gender breakdown of Advanced Diploma enrolments in Chemistry

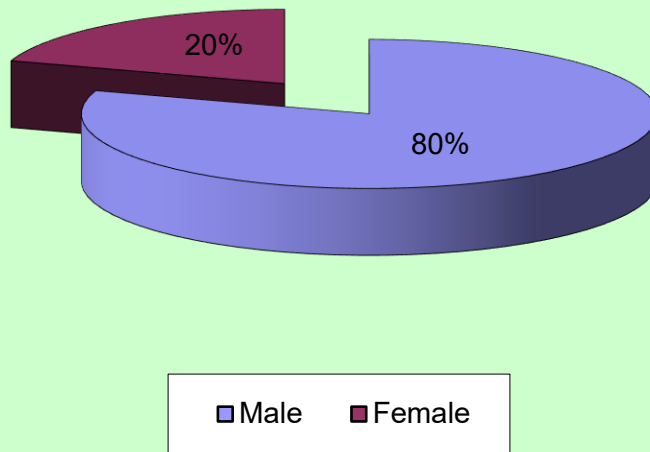


Figure 58 above indicates that males dominated Advanced Diploma enrolments in Chemistry with 80% whilst females contributed 20%.

Figure 59: Racial breakdown of Postgraduate Diploma enrolments in Chemistry

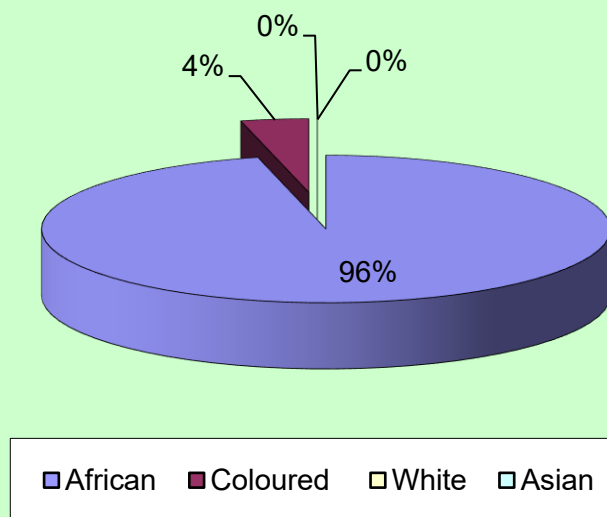


Figure 59 above depicts that African students dominated Postgraduate Diploma enrolments in Chemistry with 96%, followed by Coloureds with 4%. No Whites and Asians enrolled in this CESM at Postgraduate Diploma level during the 2025 academic year.

Figure 60: Gender breakdown of Postgraduate Diploma enrolments in Chemistry

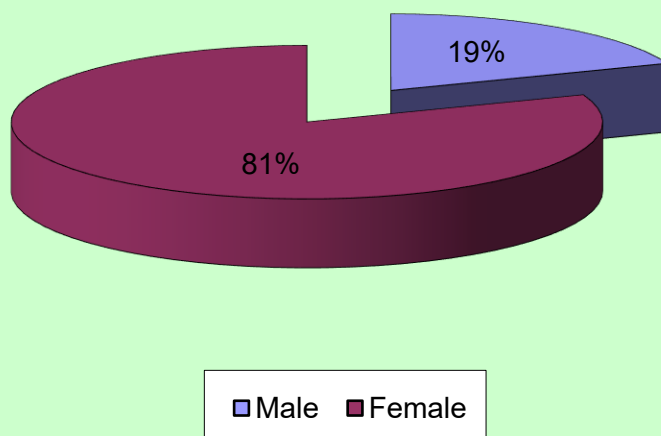


Figure 60 above indicates that females dominated Postgraduate Diploma enrolments in Chemistry with 81% whilst males contributed 19%.

Fifteen (15) students enrolled for MTech in Chemistry during the 2025 academic year; 12 were African males, 1 was a Coloured male and 2 were Coloured females. No Whites and Asians were represented in this CESM at this level.

Nine (9) students enrolled for DTech in Chemistry during the 2025 academic year; 6 were African males, 2 African females and 1 was a Coloured female. No Whites and Asians were represented in this CESM at this level.

3.4 Graduate outputs at Universities of Technology during the 2024 academic year

Table 28 and figure 61 below presents a number of graduates produced at different universities of technology during the 2024 academic year.

Table 28: Graduates per University of Technology during the 2024 academic year		
University of Technology	Graduate figures	Percentage (%)
CPUT	465	31
CUT	160	11
DUT	80	5
MUT	163	11
TUT	627	42
Total	1495	100

Table 28 above and figure 61 below both indicate that TUT produced the highest number of graduates during the 2024 academic year with 42%, followed by CPUT with 31%, CUT and MUT both produced 11% respectively. The least number of graduates were produced at DUT with just 5%.

Figure 61: Graduates at Universities of Technology in 2024

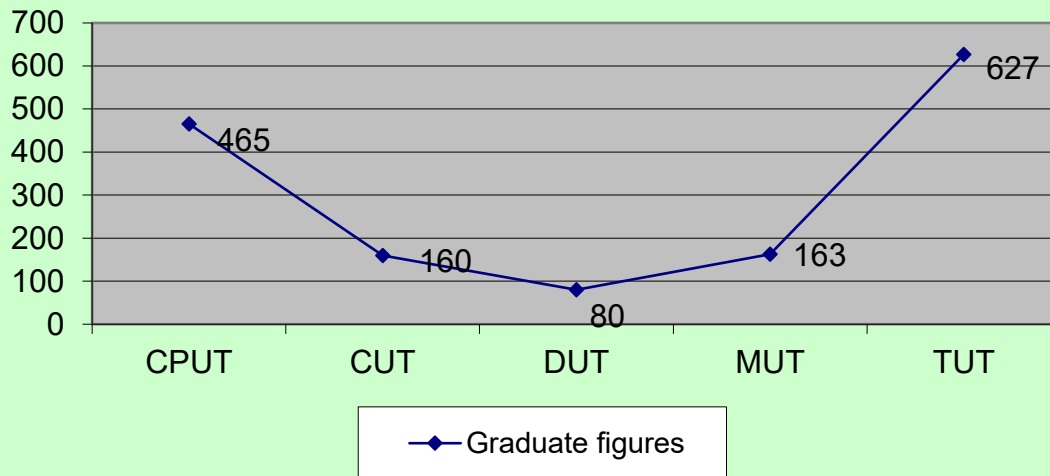
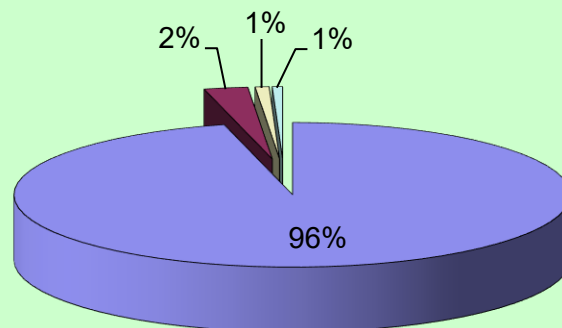


Table 29 below presents a demographic breakdown of AET graduates at universities of technology during the 2024 academic year.

Table 29: Demographic breakdown of AET graduates at universities of technology during the 2024 academic year

University of Technology	African			Coloured			White			Asian			Total
	M	F	T	M	F	T	M	F	T	M	F	T	
CPUT	73	78	151	3	2	5	4	0	4	0	0	0	160
CUT	314	111	425	21	12	33	2	3	5	1	1	2	465
DUT	12	61	73	0	0	0	0	0	0	0	7	7	80
MUT	51	112	163	0	0	0	0	0	0	0	0	0	163
TUT	415	209	624	0	0	0	2	1	3	0	0	0	627
TOTAL	865	571	1436	24	14	38	8	4	12	1	8	9	1495

Figure 62: Racial breakdown of AET graduates at Universities of Technology



■ African
 ■ Coloured
 ■ White
 ■ Asian

Figure 62 above shows that Africans dominated graduates during the 2024 academic year with 96%, followed by Coloureds with 2%. Whites and Asians constituted 1% respectively.

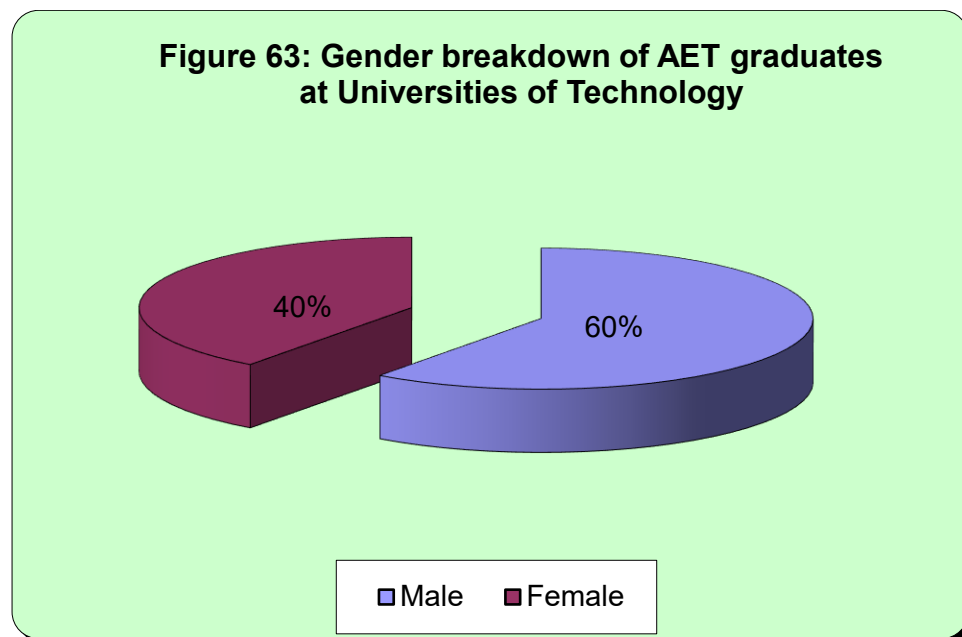
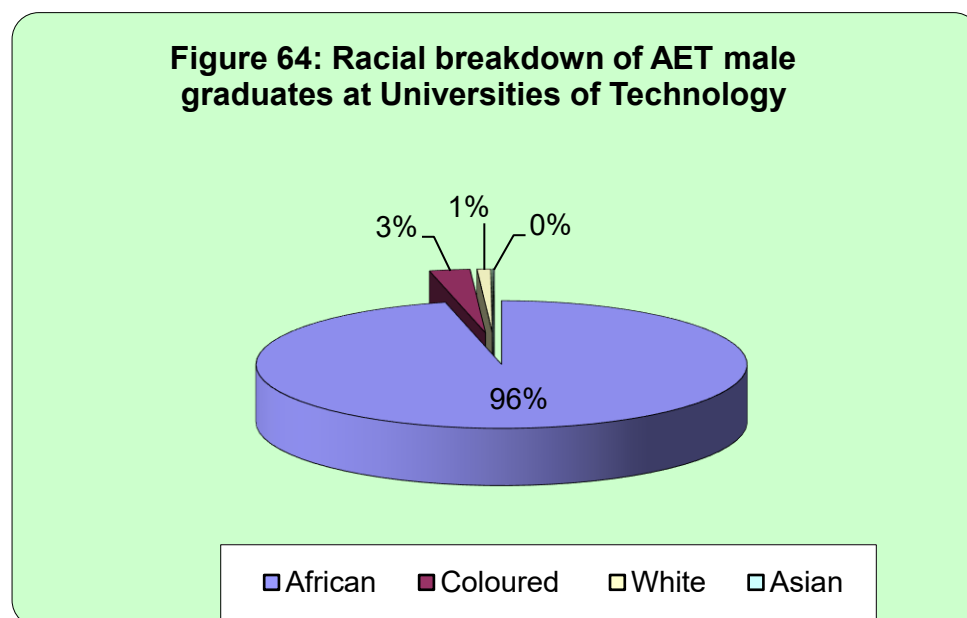
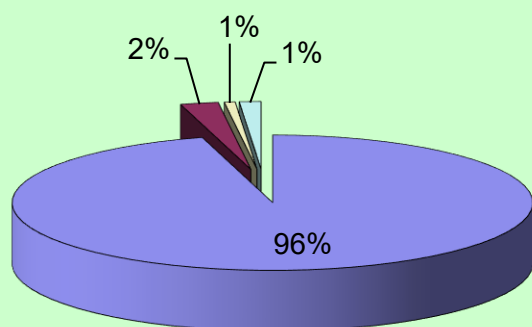


Figure 63 above indicates that male graduates constituted 60% of the overall AET graduates at universities of technology during the 2024 academic year and female graduates accounted for 40%.



As depicted in figure 64 above, Africans dominated the total number of male graduates during the 2024 academic year with 96%, followed by Coloureds with 3% and Whites with 1%. Asian graduates contributed less than 1% of the total male graduates at universities of technology during the 2024 academic year.

Figure 65: Racial breakdown of AET female graduates at Universities of Technology



■ African
 ■ Coloured
 ■ White
 ■ Asian

Figure 65 above shows that female graduates at universities of technology were dominated by Africans with 96%, followed by Coloureds with 2%. White and Asian females constituted 1% respectively.

3.4.1 AET graduates at Universities of Technology by CESM and level of qualification during the 2024 academic year

Table 30 below indicates that Animal Science had high graduate figures with 22%, followed by Plant Science with 20%. Agricultural Business and Management and Food Nutrition Science and Technology contributed 13% respectively. Other CESM categories accounted for less than 10% of the overall graduates produced.

Table 30: Graduates at Universities of Technology by CESM & levels of qualification in 2024

CESM	DIPLOMA	ADVANCED DIPLOMA	POSTGRAD DIPLOMA	MTECH	DTECH	TOTAL	%
Agricultural Business and Management	81	83	30	1	0	195	13
Agricultural Production Operations	69	59	0	0	0	128	9
Applied Horticulture and Horticultural Business Services	97	31	11	2	0	141	9

Food Nutrition Science and Technology	117	34	32	8	2	193	13
Animal Science	214	76	29	11	2	332	22
Plant Science	171	79	27	16	2	295	20
Agriculture, Agricultural Operations and Related Sciences, Other	0	0	0	0	0	0	0
Biotechnology	56	27	9	0	0	92	6
Veterinary Science	0	0	0	0	0	0	0
Chemistry	81	24	10	3	1	119	8
TOTAL	886	413	148	41	7	1495	100
%	59	28	10	3	0	100	

Table 30 above also indicates that Diploma students dominated the number of graduates produced at the universities of technology during the 2024 academic year with 59%, followed by Advanced Diploma with 28%, Postgraduate Diploma with 10%, MTech with 3% and DTech with less than 1%.

Table 31: Demographic breakdown of Diploma graduates by CESM at Universities of Technology in 2024													
CESM Category (Diploma)	African			Coloured			White			Asian			Total
	M	F	T	M	F	T	M	F	T	M	F	T	
Agricultural Business and Management	34	40	74	1	2	3	4	0	4	0	0	0	81
Agricultural Production Operations	21	48	69	0	0	0	0	0	0	0	0	0	69
Applied Horticulture and Horticultural Business Services	52	40	92	3	1	4	1	0	1	0	0	0	97
Food Nutrition Science and Technology	65	44	109	2	3	5	0	0	0	0	3	3	117
Animal Sciences	130	82	212	0	0	0	2	0	2	0	0	0	214

Agriculture, Agricultural Operations and Related Sciences, Other	0	0	0	0	0	0	0	0	0	0	0	0	0
Biotechnology	19	7	26	1	0	1	0	0	0	0	0	0	27
Veterinary Science	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry	17	7	24	0	0	0	0	0	0	0	0	0	24
TOTAL	225	178	403	6	2	8	0	1	1	0	1	1	413

Table 32 above indicates that graduates in Agricultural Business and Management dominated graduates at Advanced Diploma level with 20%, followed by Plant Science with 19%, Animal Science with 18% and Agriculture Production Operations with 14%. Other CESM's at Advanced Diploma level produced less than 10% of the total Advanced Diploma graduates during the 2024 academic year.

Table 33: Demographic breakdown of Postgraduate Diploma graduates by CESM at Universities of Technology in 2024													
CESM Category (Postgraduate Diploma)	African			Coloured			White			Asian			Total
	M	F	T	M	F	T	M	F	T	M	F	T	
Agricultural Business and Management	14	16	30	0	0	0	0	0	0	0	0	0	30
Agricultural Production Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Applied Horticulture and Horticultural Business Services	9	1	10	0	0	0	0	1	1	0	0	0	11
Food Nutrition Science and Technology	19	9	28	3	0	3	0	1	1	0	0	0	32
Animal Sciences	17	12	29	0	0	0	0	0	0	0	0	0	29
Plant Sciences	16	10	26	0	0	0	0	1	1	0	0	0	27
Biotechnology	6	1	7	2	0	2	0	0	0	0	0	0	9
Veterinary Science	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry	9	1	10	0	0	0	0	0	0	0	0	0	10
TOTAL	90	50	140	5	0	5	0	3	3	0	0	0	148

Table 33 above illustrates that graduates in Food Nutrition Science and Technology contributed 22% of Postgraduate Diploma graduates, followed by graduates in Agricultural Business and Management and Animal Sciences with 20% respectively and Plant Sciences with 18%. Other CESM's produced less than 10% of graduates.

Table 34: Demographic breakdown of MTech/DTech graduates by CESM at Universities of Technology in 2024													
CESM Category (MTech/DTech)	African			Coloured			White			Asian			Total
	M	F	T	M	F	T	M	F	T	M	F	T	
MTech: Agricultural Business and Management	1	0	1	0	0	0	0	0	0	0	0	0	1
MTech: Applied Horticulture and Horticultural Business Services	1	1	2	0	0	0	0	0	0	0	0	0	2
MTech: Food Nutrition Science and Technology	3	3	6	0	0	0	0	0	0	0	2	2	8
DTech: Food Nutrition Science and Technology	0	1	1	0	0	0	0	0	0	0	1	1	2
MTech: Animal Sciences	9	2	11	0	0	0	0	0	0	0	0	0	11
DTech: Animal Sciences	0	2	2	0	0	0	0	0	0	0	0	0	2
MTech: Plant Sciences	11	5	16	0	0	0	0	0	0	0	0	0	16
DTech: Plant Sciences	1	1	2	0	0	0	0	0	0	0	0	0	2
MTech: Biotechnology	0	0	0	0	0	0	0	0	0	0	0	0	0
DTech: Biotechnology	0	0	0	0	0	0	0	0	0	0	0	0	0
MTech: Chemistry	3	0	3	0	0	0	0	0	0	0	0	0	3
DTech: Chemistry	0	0	0	0	0	0	0	0	0	0	1	1	1
TOTAL	29	15	44	0	0	0	0	0	0	0	4	4	48

Table 34 above indicates that MTech graduates were 41 and DTech graduates were 7. During the 2024 academic year, Africans were the highest recipients of both MTech and DTech qualifications constituting 92%, followed by Coloureds with 8%. No White and Asian graduates were produced at MTech/DTech level during the 2024 academic year.

3.4.1.1 Agricultural Business and Management graduates at Universities of Technology during the 2024 academic year

One hundred and ninety - five (**195**) graduates received Agricultural Business and Management qualifications during the 2024 academic year at universities of technology.

Table 35 below presents a demographic breakdown of Agricultural Business and Management graduates by level of qualification during the 2024 academic year.

Table 35: Demographic breakdown of Agricultural Business and Management graduates by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	34	40	74	1	2	3	4	0	4	0	0	0	81	42
Adv Diploma	35	46	81	2	0	2	0	0	0	0	0	0	83	43
Postgrad Dip	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MTech	14	16	30	0	0	0	0	0	0	0	0	0	30	15
DTech	1	0	1	0	0	0	0	0	0	0	0	0	1	0
TOTAL	84	102	186	3	2	5	4	0	4	0	0	0	195	100

Forty - three percent (43%) of the total Agricultural Business and Management graduates were at Advanced Diploma level, 42% at Diploma level and 15% at MTech level. The least number of graduates were produced at DTech level with less than 1%. No graduates were produced in this CESM at Postgraduate Diploma level during the 2024 academic year.

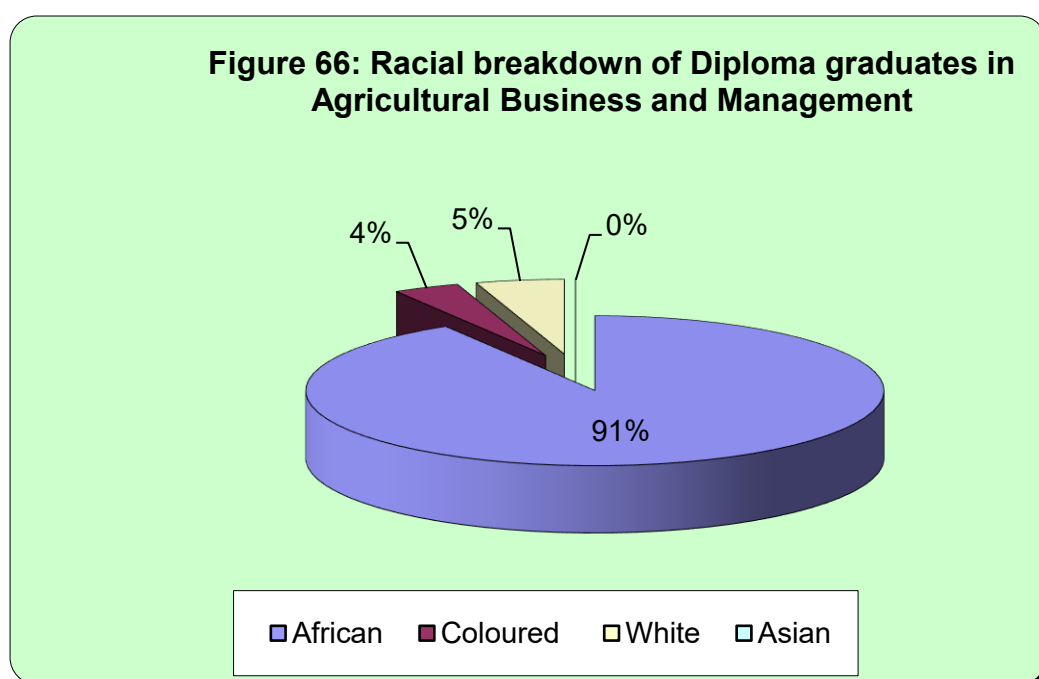


Figure 66 above indicates that African graduates dominated Diploma graduates in Agricultural Business and Management with 91%, followed by Whites with 5% and Coloureds with 4%. No Asian graduates were produced in this CESM at Diploma level during the 2024 academic year.

Figure 67: Gender breakdown of Diploma graduates in Agricultural Business and Management

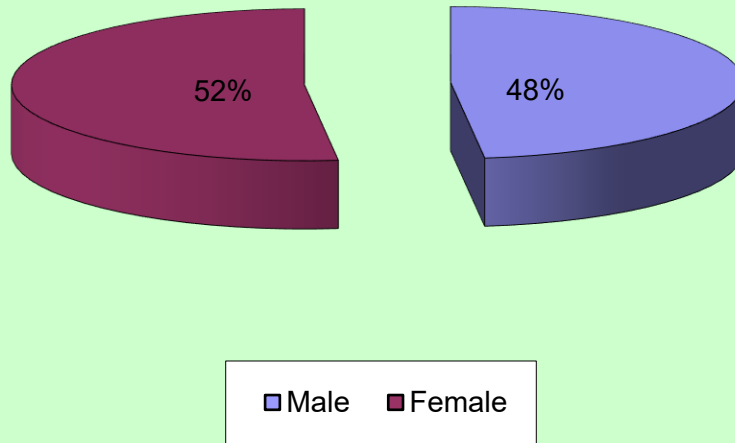


Figure 67 above indicates that female graduates constituted 52% of Diploma graduates in Agricultural Business and Management whilst male graduates accounted for 48%.

Figure 68: Racial breakdown of Advanced Diploma graduates in Agricultural Business and Management

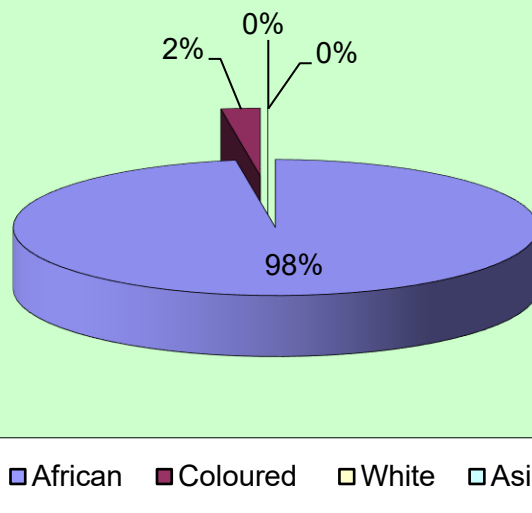


Figure 68 above indicates that African graduates dominated Advanced Diploma graduates in Agricultural Business and Management with 98%, followed by Coloureds with 2%. No White and Asian graduates were produced in this CESM at Advanced Diploma level during the 2024 academic year.

Figure 69: Gender breakdown of Advanced Diploma graduates in Agricultural Business and Management

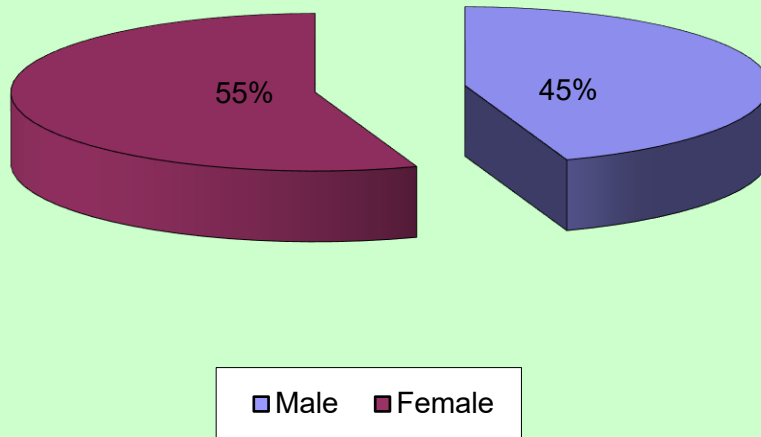


Figure 69 above indicates that female graduates constituted 55% of graduates in this CESM at Advanced Diploma level and male graduates accounted for 45%.

Thirty (30) African students were produced in this CESM at MTech level, 14 were males and 14 were females.

One (1) African male student graduated at DTech level in this CESM during the 2024 academic year.

3.4.1.2 Agricultural Production Operations graduates at Universities of Technology during the 2024 academic year

One hundred and twenty - eight (**128**) graduates were produced in Agricultural Production Operations qualifications during the 2024 academic year.

Table 36 below presents a demographic breakdown of Agricultural Production Operations graduates during the 2024 academic year by level of qualification.

Table 36: Demographic breakdown of Agricultural Production Operations graduates by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	21	48	69	0	0	0	0	0	0	0	0	0	69	54
Advanced Diploma	19	40	59	0	0	0	0	0	0	0	0	0	59	46
Postgraduate Diploma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MTech	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DTech	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	40	88	128	0	0	0	0	0	0	0	0	0	128	100

Table 36 above indicates that 54% of graduates were produced in this CESM at Diploma level and 46% at Advanced Diploma level. No graduates were produced in this CESM at Postgraduate Diploma, MTech and DTech level during the 2024 academic year.

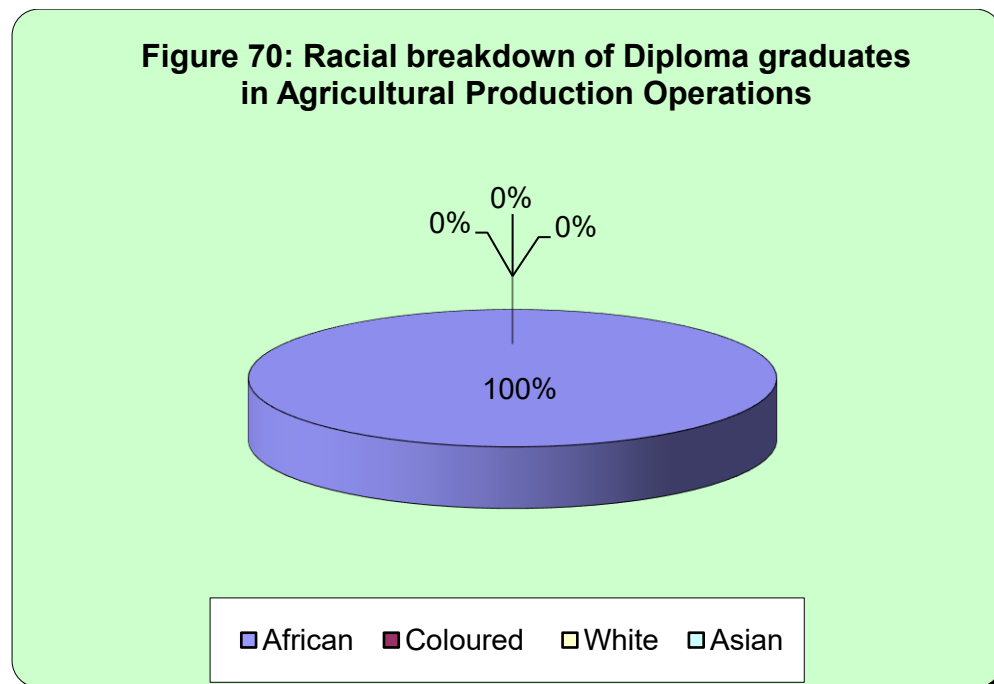


Figure 70 above shows that only Africans graduated at in this CESM at Diploma level. No other racial group was represented in this CESM at Diploma level during the 2024 academic year.

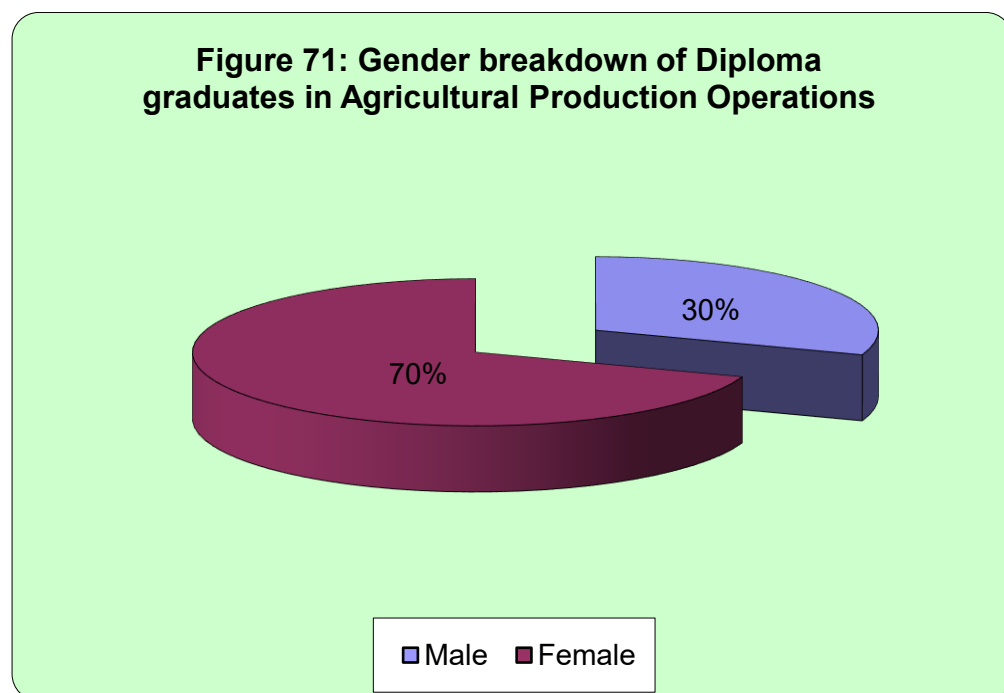
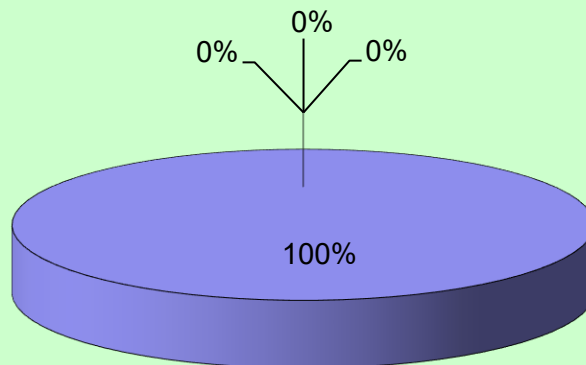


Figure 71 above shows that females dominated graduates at Diploma level in Agricultural Production Operations with 70% whilst males constituted 30%.

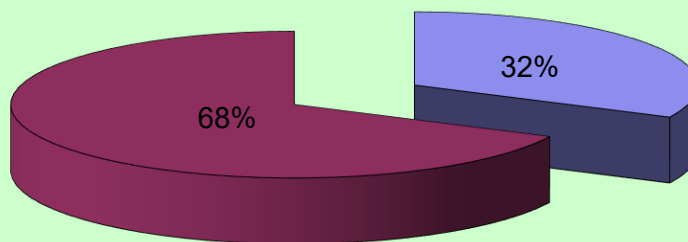
Figure 72: Racial breakdown of Advanced Diploma graduates in Agricultural Production Operations



■ African ■ Coloured ■ White ■ Asian

Figure 72 above shows that only Africans graduated at Advanced Diploma level in this CESM during the 2024 academic year. No other racial groups were represented in this CESM at Advanced Diploma level.

Figure 73: Gender breakdown of Advanced Diploma graduates in Agricultural Production Operations



■ Male ■ Female

Figure 73 above shows that female graduates constituted 68% of Advanced Diploma graduates in Agricultural Production Operations and male graduates constituted 32%.

No graduates were produced in this CESM at Postgraduate Diploma, MTech and DTech level during the 2024 academic year.

3.4.1.3 Applied Horticulture and Horticultural Business Services graduates at Universities of Technology during the 2024 academic year

One hundred and forty – one (**141**) graduates were produced in Applied Horticulture and Horticultural Business Services at universities of technology during the 2024 academic year.

Table 37 below presents a demographic breakdown of Applied Horticulture and Horticultural Business Services graduates during the 2024 academic year by level of qualification.

Table 37: Demographic breakdown of Applied Horticulture and Horticultural Business Services graduates by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	52	40	92	3	1	4	1	0	1	0	0	0	97	69
Advanced Dip	18	7	25	3	2	5	0	1	1	0	0	0	31	22
Postgrad Dip	9	1	10	0	0	0	0	1	1	0	0	0	11	8
MTech	1	1	2	0	0	0	0	0	0	0	0	0	2	1
DTech	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	80	49	129	6	3	9	1	2	3	0	0	0	141	100

Sixty - nine (69%) of the total Applied Horticulture and Horticultural Business Services graduates were at Diploma level, 22% at Advanced Diploma, 8% at Postgraduate Diploma and 1% at MTech level. No graduates were produced in this CESM at DTech level during the 2024 academic year.

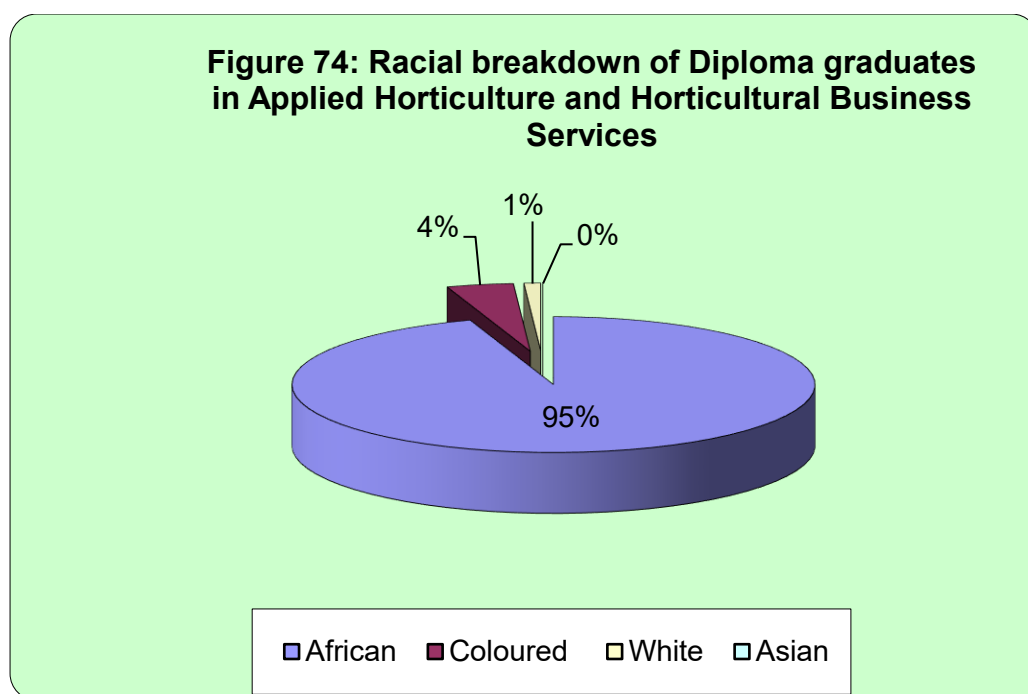
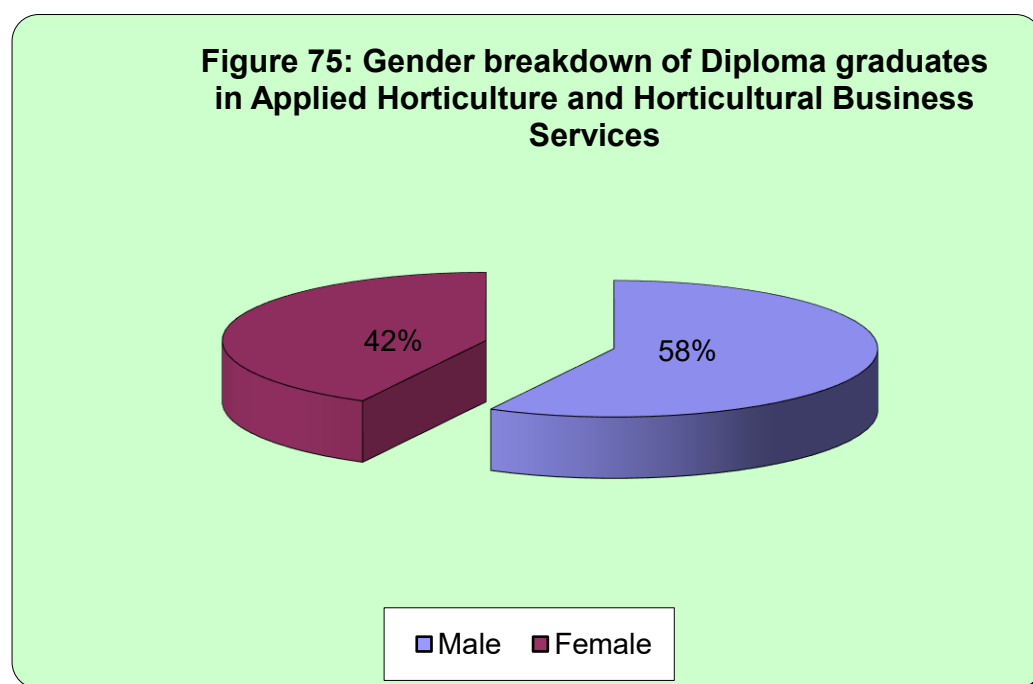


Figure 74 above depicts that Africans dominated graduates at Diploma level in Applied Horticulture and Horticultural Business Services with 95%, followed by Coloureds with

4% and Whites with 1%. No Asians were represented in this CESM at Diploma level during the 2024 academic year.



As depicted in figure 75 above, males dominated Diploma graduates in Applied Horticulture and Horticultural Business Services with 58% and female graduates constituted 42%.

Thirty - one (31) graduates were produced in this CESM at Advanced Diploma level during the 2024 academic year; 18 were African males, 7 African females, 3 Coloured males, 2 Coloured females and 1 was a White female. No Asians were represented in this CESM at this level.

Eleven (11) graduates were produced at Postgraduate Diploma level during the 2024 academic year; 9 were African males, 1 African female and 1 was a White female. No Coloureds and Asians were represented at Postgraduate Diploma level in this CESM.

Two (2) Africans graduated at MTech level during the 2024 academic year; 1 was a male and 1 a female. No other racial groups were represented in this CESM at this level.

No graduates were produced in this CESM at DTech level during the 2024 academic year.

3.3.1.4 Food Nutrition Science and Technology graduates at Universities of Technology during the 2024 academic year

One hundred and ninety - three (**193**) graduates were produced in Food Nutrition Science and Technology during the 2024 academic year.

Table 38 below presents a demographic breakdown of Food Nutrition Science and Technology graduates during the 2024 academic year by level of qualification.

Table 41: Demographic breakdown of Food Nutrition Science and Technology graduates by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	65	44	109	2	3	5	0	0	0	0	3	3	117	61
Advanced Dip	10	23	33	0	0	0	0	0	0	0	1	1	34	18
Postgrad Dip	19	9	28	3	0	3	0	1	1	0	0	0	32	17
MTech	3	3	6	0	0	0	0	0	0	0	2	2	8	4
DTech	0	1	1	0	0	0	0	0	0	0	1	1	2	1
TOTAL	97	80	177	5	3	8	0	1	1	0	7	7	193	100

Sixty - one (61%) of the total Food Nutrition Science and Technology graduates were at Diploma level, 18% at Advanced Diploma, 17% at Postgraduate Diploma, 4% at MTech and 1% at DTech level.

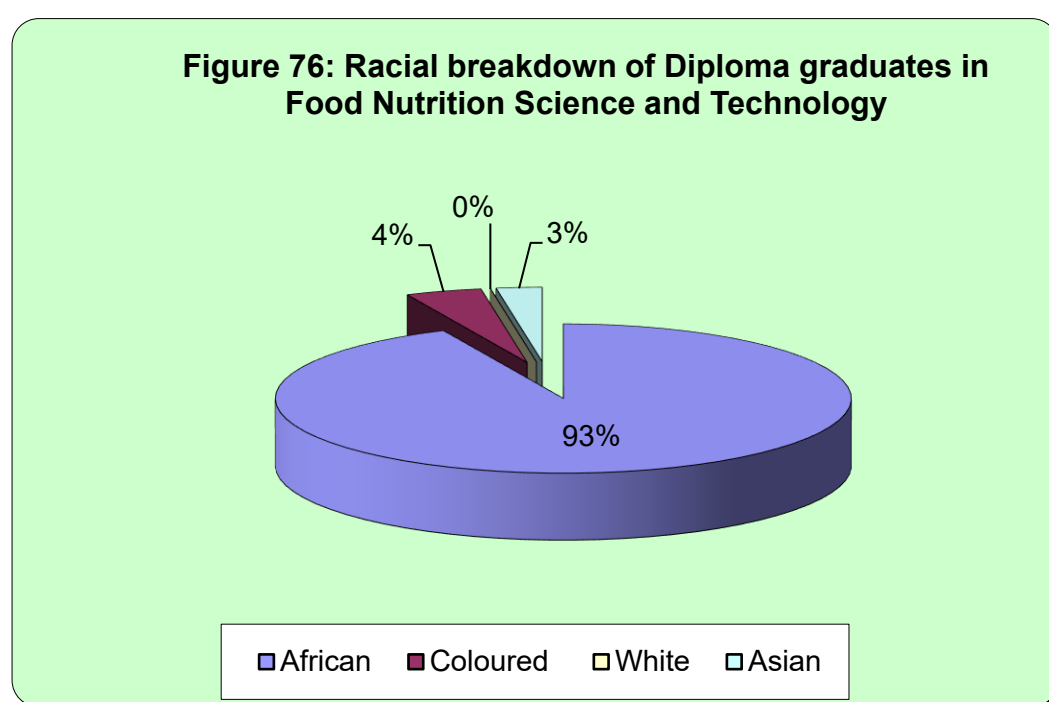


Figure 76 above indicates that African graduates dominated the Diploma graduates in this CESM during the 2024 academic year with 93%, followed by Coloureds with 4% and Asians with 3%. No White graduates were produced in this CESM at this level.

Figure 77: Gender breakdown of Diploma graduates in Food Nutrition Science and Technology

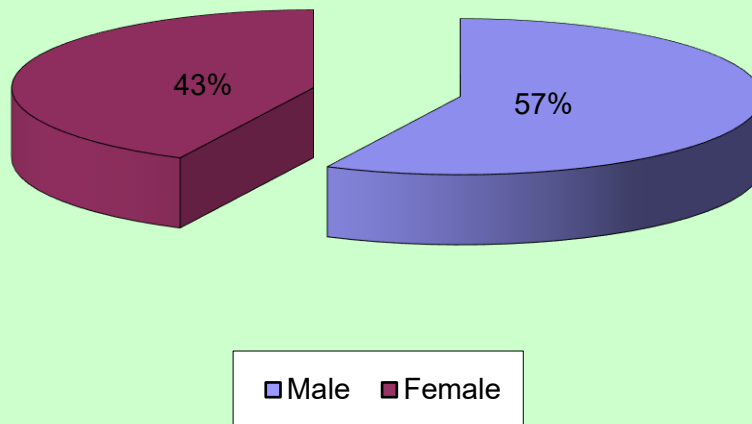


Figure 77 above shows that male graduates dominated the Diploma graduates in Food Nutrition Science and Technology with 57% whilst female graduates constituted 43%.

Figure 78: Racial breakdown of Advanced Diploma graduates in Food Nutrition Science and Technology

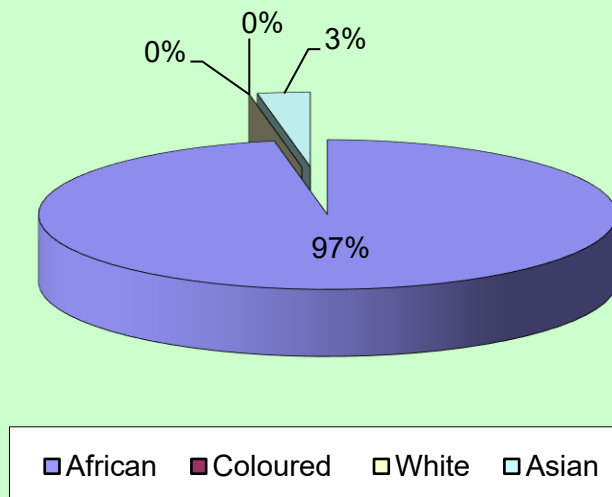


Figure 78 above indicates that African graduates dominated the Advanced Diploma graduates in Food Nutrition Science and Technology during the 2024 academic year with 97%, followed by Asians with 3%. No Coloured and White graduates were produced in this CESM at Advanced Diploma level during the 2024 academic year.

Figure 79: Gender breakdown of Advanced Diploma graduates in Food Nutrition Science and Technology

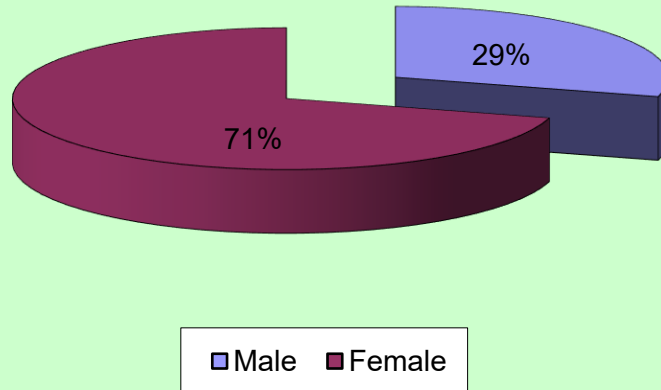


Figure 79 above shows that female graduates dominated graduates in this CESM at Advanced Diploma level with 71% whilst males constituted 29%.

Thirty – two (32) students graduated at Postgraduate Diploma level in Food Nutrition Science and Technology during the 2024 academic year; 19 were African males, 9 African females, 3 Coloured males and 1 was a White female. No Asians were represented in this CESM at this level.

Eight (8) graduates were produced at MTech level in this CESM during the 2024 academic year; 3 were African males, 3 African females and 2 were Asian females. No Coloured and White students graduated in this CESM at this level.

Two (2) students graduated at DTech level in this CESM; 1 was an African female and 1 was an Asian female. No Coloureds and Whites were represented in this CESM at this level during the 2024 academic year.

3.3.1.4 Animal Science graduates at Universities of Technology during the 2024 academic year

Three hundred and thirty – two (**332**) graduates were produced in Animal Science during the 2024 academic year.

Table 39: Demographic breakdown of Animal Science graduates by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	130	82	212	0	0	0	2	0	2	0	0	0	214	64
Advanced Diploma	54	22	76	0	0	0	0	0	0	0	0	0	76	23
Postgrad Dip	17	12	29	0	0	0	0	0	0	0	0	0	29	9
MTech	9	2	11	0	0	0	0	0	0	0	0	0	11	3
DTech	0	2	2	0	0	0	0	0	0	0	0	0	2	1
TOTAL	210	120	330	0	0	0	2	0	2	0	0	0	332	100

Table 39 above presents a demographic breakdown of Animal Science graduates during the 2024 academic year by level of qualification. It further indicates that 64% of graduates in Animal Science were produced at Diploma level, 23% at Advanced Diploma, 9% at Postgraduate Diploma, 3% at MTech and 1% at DTech level.

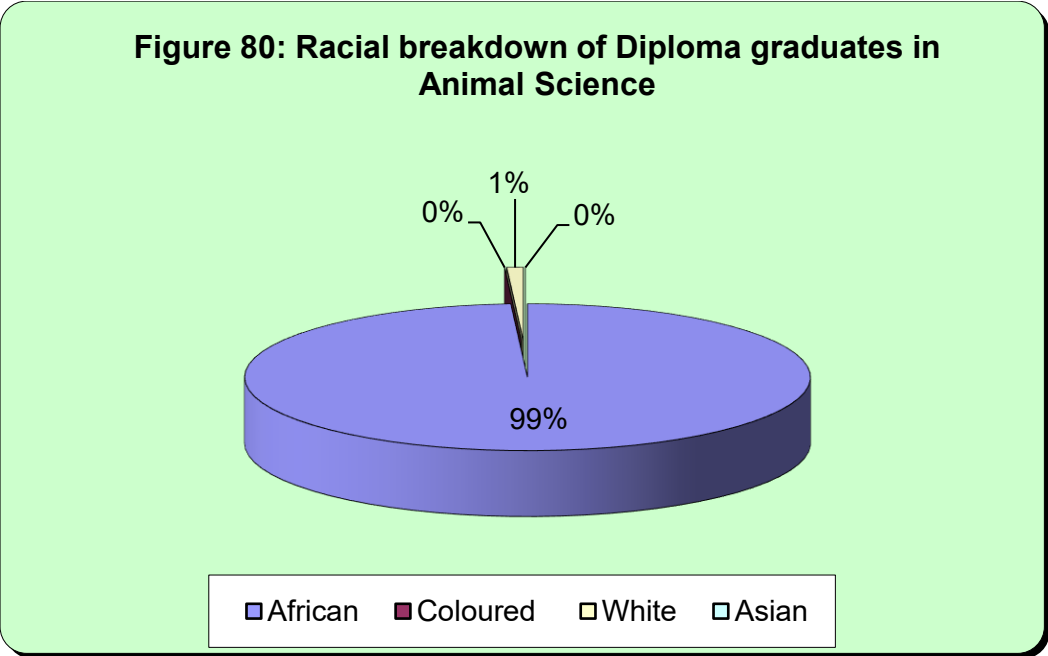


Figure 80 above illustrates that Africans dominated graduates at Diploma level in Animal Science during the 2024 academic year with 99%, followed by Whites with just 1%. No Coloureds and Asians were represented in this CESM at Diploma level.

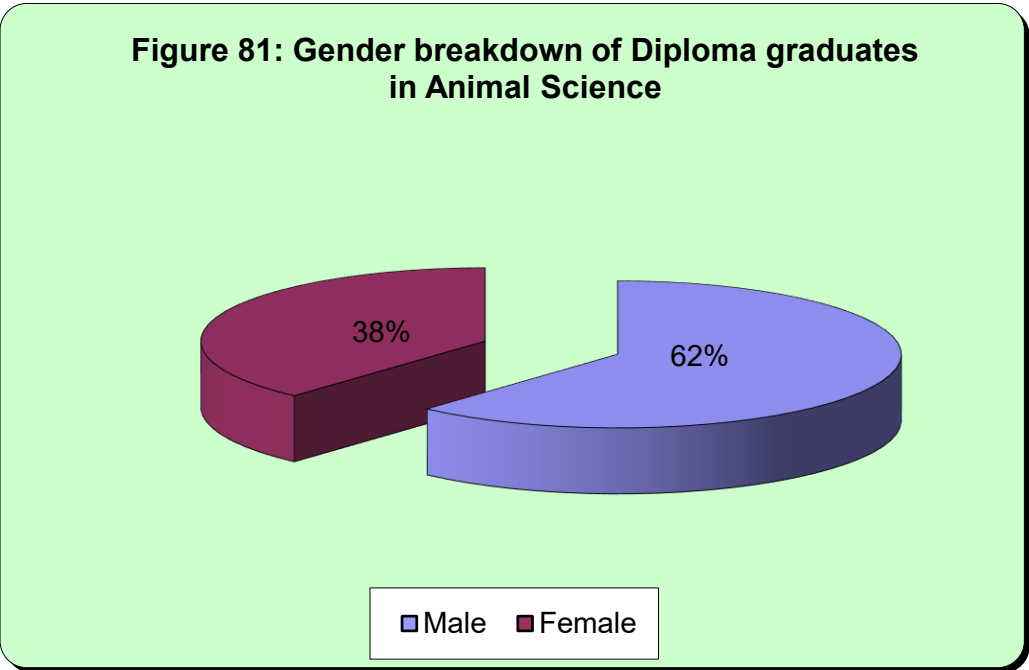
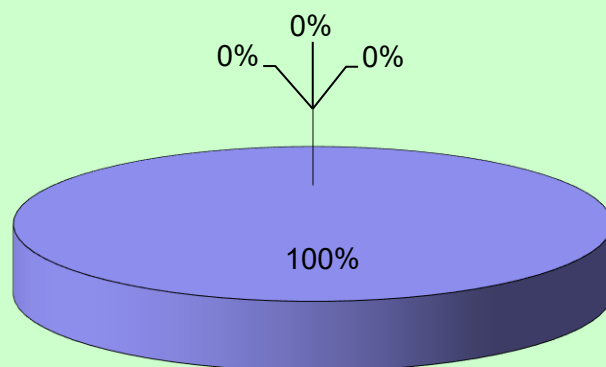


Figure 81 above indicates that more male graduates were produced in this CESM at Diploma level constituting 62% whilst females contributed 38%.

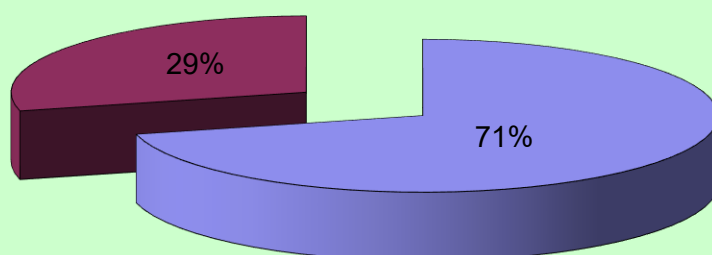
Figure 82: Racial breakdown of Advanced Diploma graduates in Animal Science



■ African ■ Coloured □ White □ Asian

Figure 82 above illustrates that only Africans graduated at Advanced Diploma level in Animal Science. No other racial group was represented in this CESM at this level during the 2024 academic year.

Figure 83: Gender breakdown of Advanced Diploma graduates in Animal Science



■ Male ■ Female

Figure 83 above shows that male graduates dominated the Advanced Diploma graduates in Animal Science with 71% whilst females constituted 29%.

Twenty – nine (29) African graduates were produced in this CESM at Postgraduate Diploma level during the 2024 academic year; 17 were males and 12 were females. No other racial group was represented in this CESM at this level.

Eleven (11) African students graduated in this CESM at MTech level; 9 were males and 2 were females. No other racial group was represented in this CESM at this level during the 2024 academic year.

Two (2) African females graduated in this CESM at DTech level. No other racial group was represented in this CESM at this level during the 2024 academic year.

3.4.1.5 Plant Science graduates at Universities of Technology during the 2024 academic year

Two hundred and ninety - five (295) graduates were produced in Plant Science during the 2024 academic year.

Table 40 below presents a demographic breakdown of Plant Science graduates during the 2024 academic year by level of qualification.

Table 40: Demographic breakdown of Plant Science graduates by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	124	47	171	0	0	0	0	0	0	0	0	0	171	58
Adv Diploma	53	26	79	0	0	0	0	0	0	0	0	0	79	27
Postgrad Dip	16	10	26	0	0	0	0	1	1	0	0	0	27	9
MTech	11	5	16	0	0	0	0	0	0	0	0	0	16	5
DTech	1	1	2	0	0	0	0	0	0	0	0	0	2	1
TOTAL	205	89	294	0	0	0	0	1	1	0	0	0	295	100

Fifty - eight (58%) of the total Plant Science graduates were at Diploma level, 27% at Advanced Diploma, 9% at Postgraduate Diploma, 5% at MTech and 1% at DTech level.

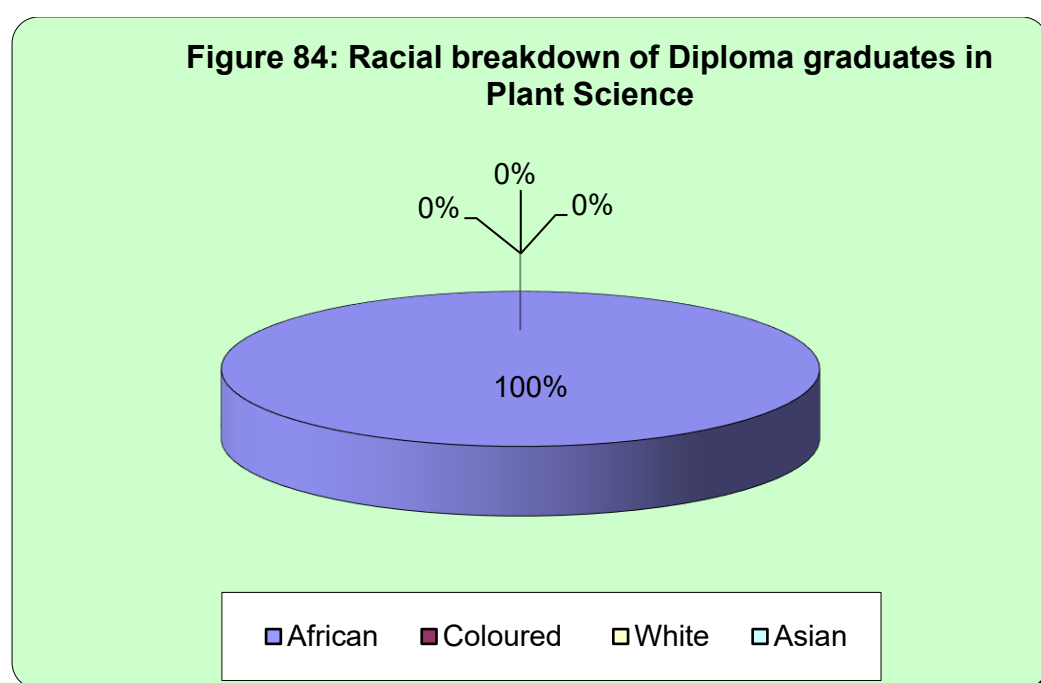


Figure 84 above indicates that only Africans graduated in this CESM at Diploma level during the 2024 academic year. No other racial group was represented in this CESM at Diploma level.

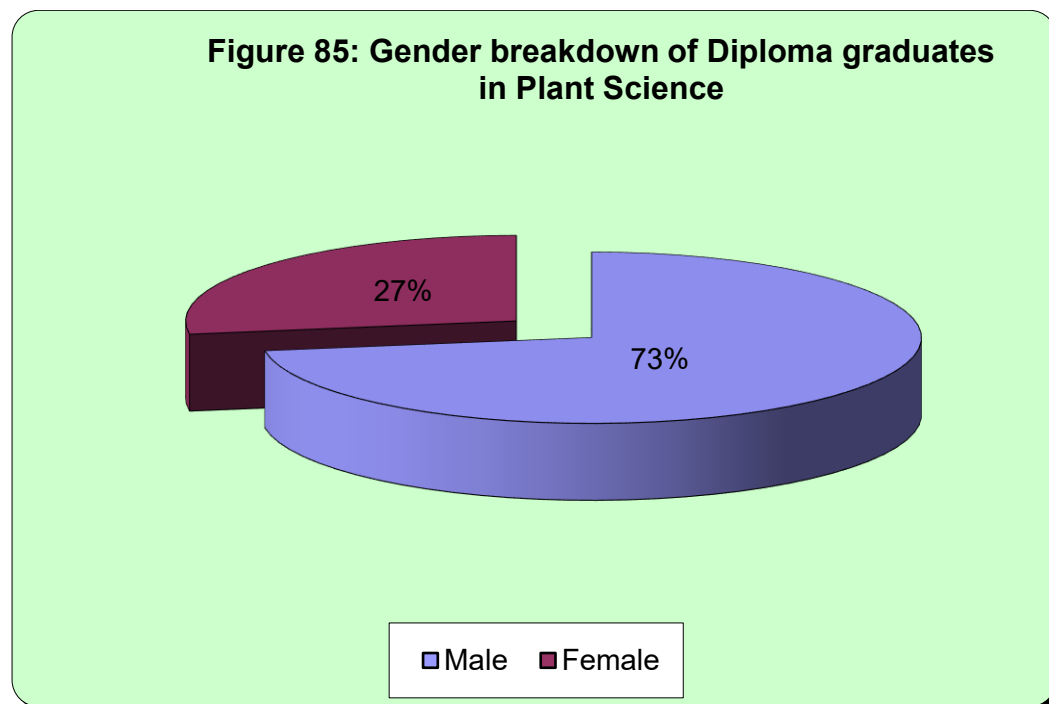


Figure 85 above depicts that male graduates dominated the Diploma graduates in Plant Science whilst females constituted 27%.

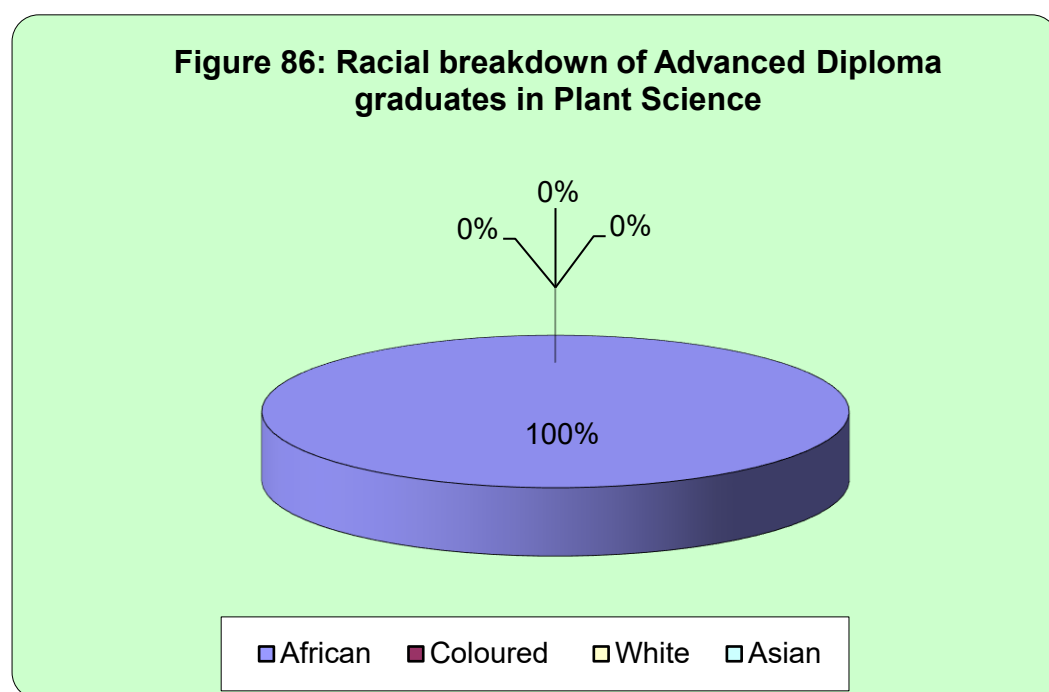


Figure 86 above indicates that only African students graduated in this CESM at Advanced Diploma level. No other racial group was represented in this CESM at Advanced Diploma level during the 2024 academic year.

Figure 87: Gender breakdown of Advanced Diploma graduates in Plant Science

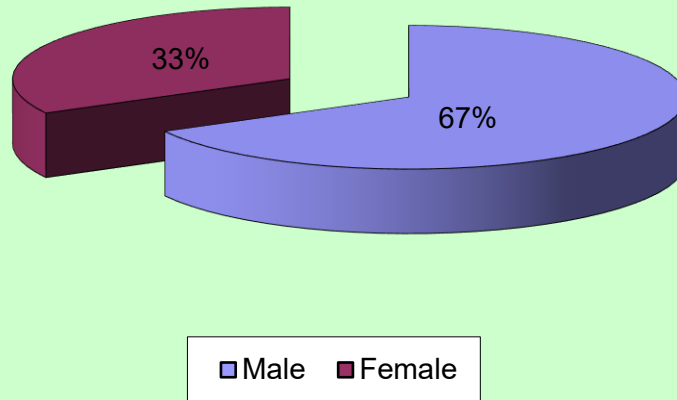


Figure 87 above shows that males dominated graduates in this CESM at Advanced Diploma level with 67% whilst females contributed 33%.

Twenty – seven (27) graduates were produced in this CESM at Postgraduate Diploma level, 16 were African males, 10 African females and 1 was a White female. No Coloureds and Asians were represented in this CESM at Postgraduate Diploma level.

Sixteen (16) African students graduated in Plant Science at MTech level; 11 were males and 5 were females.

Two (2) African students graduated in this CESM at DTech level during the 2024 academic year; 1 was a male and 1 was a female.

3.4.1.6 Agricultural Biotechnology graduates at Universities of Technology during the 2024 academic year

Ninety - two (**92**) students graduated in Biotechnology at the university of technology during the 2024 academic year.

Table 41 below presents a demographic breakdown of Biotechnology graduates during the 2024 academic year by level of qualification.

Table 41: Demographic breakdown of Biotechnology graduates by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	36	10	46	6	2	8	1	0	1	1	0	1	56	61
Adv Diploma	19	7	26	1	0	1	0	0	0	0	0	0	27	29
Postgrad Diploma	6	1	7	2	0	2	0	0	0	0	0	0	9	10
MTech	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	61	18	79	9	2	11	1	0	1	1	0	1	92	100

As depicted on table 41 above Diploma graduates constituted 61% of the overall Agricultural Biotechnology graduates during the 2024 academic year, followed by Advanced Diploma with 29% and Postgraduate Diploma graduates with 10%. No students graduated in this CESM at MTech and DTech level during the 2024 academic year.

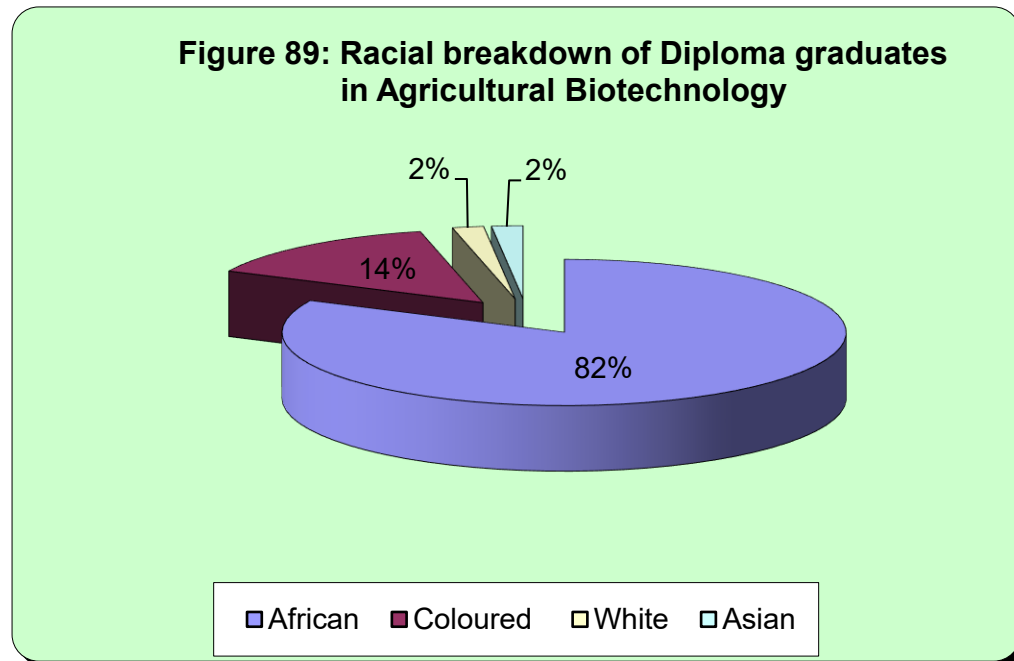


Figure 89 above depicts that Africans dominated graduates in this CESM at Diploma level with 82%, followed by Coloureds with 14%. Whites and Asians constituted 2% respectively.

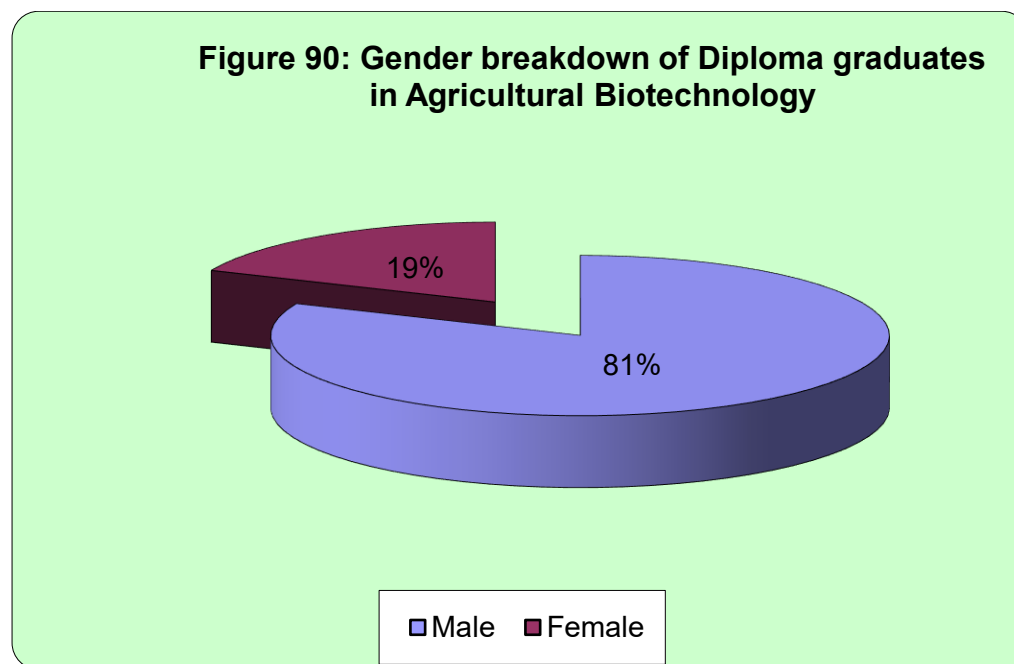


Figure 90 above depicts that male graduates dominated Diploma graduates in Agricultural Biotechnology with 81% whilst females constituted 19%.

Figure 91: Racial breakdown of Advanced Diploma graduates in Agricultural Biotechnology

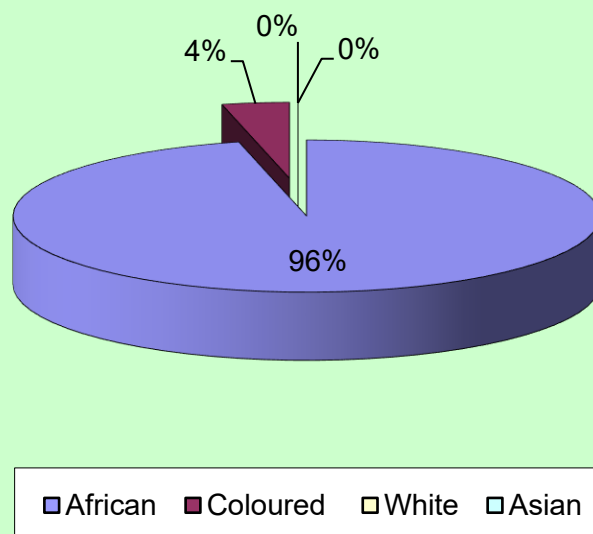


Figure 91 above depicts that African graduates dominated the Advanced Diploma graduates in Agricultural Biotechnology with 96%, followed by Coloureds with 4%. No Whites and Asians graduated in this CESM at Advanced Diploma level.

Figure 92: Gender breakdown of Advanced Diploma graduates in Agricultural Biotechnology

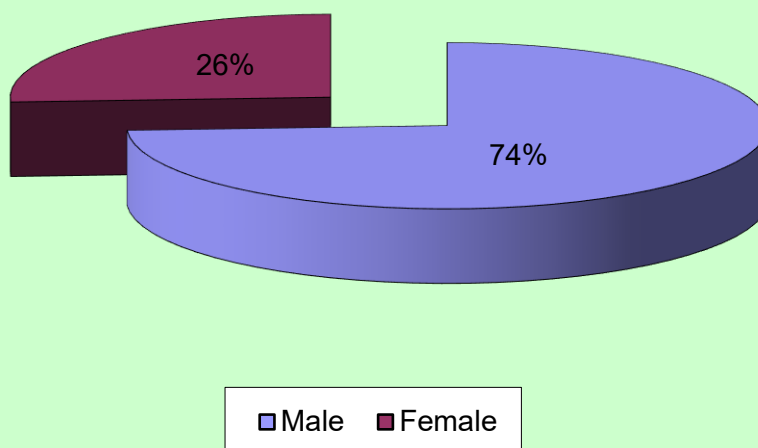


Figure 92 above indicates that male graduates constituted 74% of Advanced Diploma graduates in Agricultural Biotechnology whilst female graduates contributed 26%.

Nine (9) students graduated in Agricultural Biotechnology at Postgraduate Diploma level; 6 were African males, 1 was an African female and 2 were Coloured females. No Whites and Asians were represented in this CESM at this level during the 2024 academic year.

No students graduated in Agricultural Biotechnology at MTech and DTech level during the 2024 academic year.

3.4.1.7 Chemistry graduates at Universities of Technology during the 2024 academic year

One hundred and nineteen (**119**) graduates were produced in this CESM during the 2024 academic year.

Table 42 below presents a demographic breakdown of graduates in Chemistry during the 2024 academic year by level of qualification.

Table 42: Demographic breakdown of Chemistry graduates by level of qualification														
LEVEL	African			Coloured			White			Asian			TOTAL	%
	M	F	T	M	F	T	M	F	T	M	F	T		
Diploma	59	17	76	1	4	5	0	0	0	0	0	0	81	68
Advanced Diploma	17	7	24	0	0	0	0	0	0	0	0	0	24	20
Postgrad Dip	9	1	10	0	0	0	0	0	0	0	0	0	10	8
MTech	3	0	3	0	0	0	0	0	0	0	0	0	3	3
DTech	0	0	0	0	0	0	0	0	0	0	1	1	1	1
TOTAL	88	25	113	1	4	5	0	0	0	0	1	1	119	100

Sixty - eight (68%) of the total Chemistry graduates were at Diploma level, 20% at Advanced Diploma, 8% at Postgraduate Diploma, 3% at MTech and 1% at DTech level during the 2024 academic year.

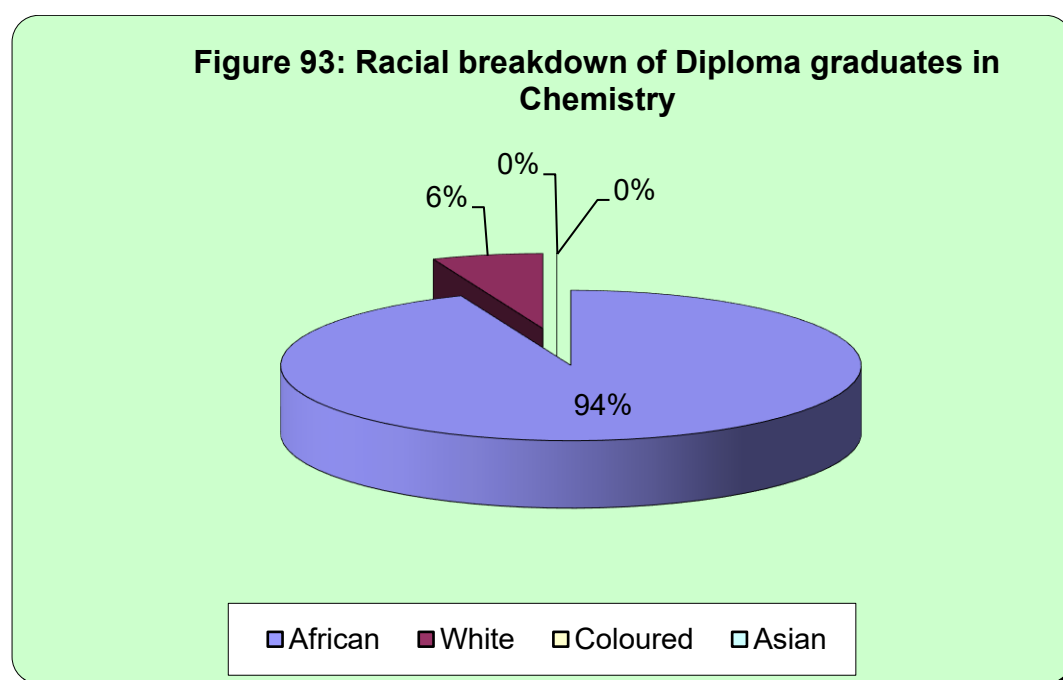


Figure 93 above indicates that Africans dominated Diploma graduates in Chemistry with 94%, followed by Coloureds with 6%. No White and Asian graduates were produced in this CESM at Diploma level during the 2024 academic year.

Figure 94: Gender breakdown of Diploma graduates in Chemistry

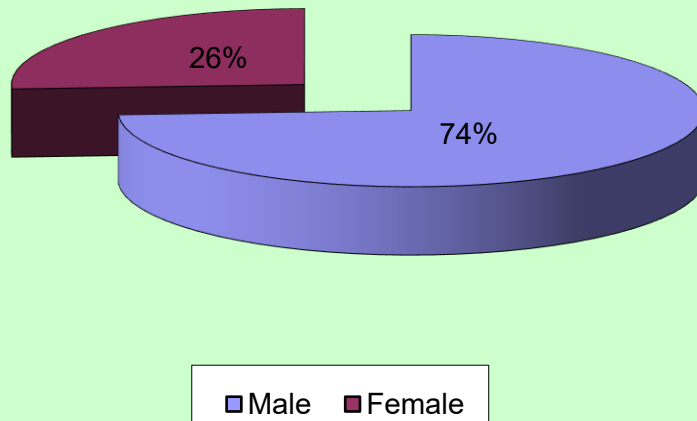
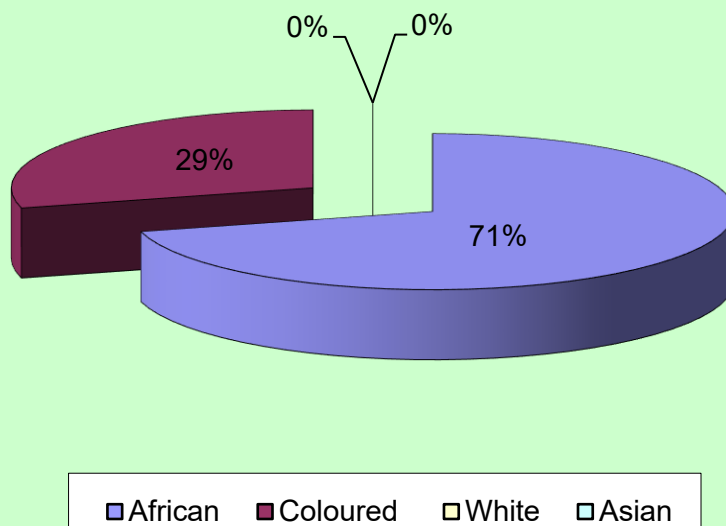


Figure 94 above depicts that male graduates dominated Diploma graduates in Chemistry with 74% and females constituted 26%.

Figure 95: Racial breakdown of Advanced Diploma graduates in Chemistry



As depicted on figure 95 above Africans dominated Advanced Diploma graduates in Chemistry with 71%, followed by Coloureds with 29%. No White and Asian graduates were produced in this CESM at Advanced Diploma level during the 2024 academic year.

Figure 96: Gender breakdown of Advanced Diploma graduates in Chemistry

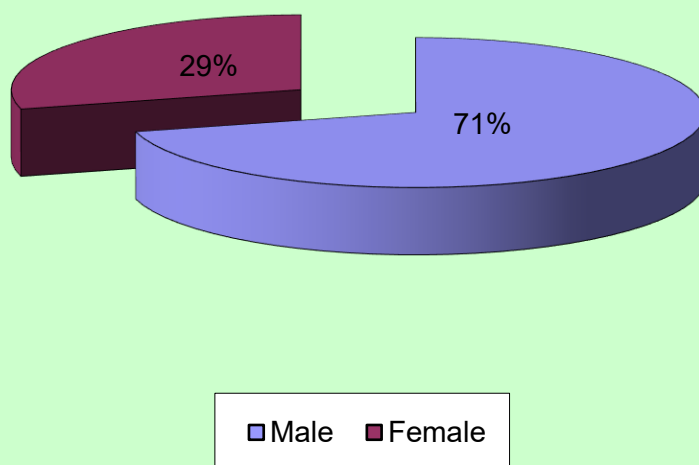


Figure 96 above depicts that male graduates dominated Advanced Diploma graduates in Chemistry with 71% and females constituted 29%.

Ten (10) African graduates were produced in this CESM at Postgraduate Diploma level during the 2024 academic year; 9 were males and 1 was a female. No other racial group was represented in this CESM at this level.

Three (3) African males graduated in this CESM at MTech level. No other racial group was represented in this CESM at this level during the 2024 academic year.

One (1) Asian female graduated in this CESM at DTech level during the 2024 academic year. No other racial group was represented in this CESM at DTech level.

3.5 Conclusion

Five thousand seven hundred and thirty - two (**5 732**) students enrolled in agriculture related programmes during the 2025 academic year, while one thousand four hundred and ninety - five (**1 495**) graduates were produced at universities of Technology during the 2024 academic year. According to the findings TUT registered a higher number of enrolments as compared to other universities of technology during the 2025 academic year, followed by CPUT and MUT. CUT and DUT had the lowest number of enrolments during the 2025 academic year. This is due to a few number of agricultural programmes that are offered by these institutions.

During the 2024 and 2025 academic years Africans dominated both the enrolment and graduate figures at universities of technology; out of the total number (5 732) of enrolments registered at universities of technology; 97% were Africans and out of the total graduates (1 495) produced; 96% were Africans. On the other hand, Coloured, White and Asian enrolments were low in most agriculture related programmes offered by universities of technology.

During the 2024 academic year, male students dominated graduate figures whilst female students dominated enrolment figures during the 2025 academic year. Universities of technology registered a high number of Diploma students as compared to other qualification levels, constituting 76%, followed by Advanced Diploma with 15%, Postgraduate Diploma and MTech levels with 3% respectively. The least number of enrolments were recorded at DTech level with just 2%.

During the 2024 academic year, Diploma graduates at universities of technology constituted 58%, followed by Advanced Diploma with 28%, Postgraduate Diploma with 10%, MTech with 3% and DTech with just 1% of the overall graduates produced. Based on the findings, it is evident that TUT recorded a higher number of both enrolments and graduates than all other universities of technology while the least number of graduates and enrolments were recorded at DUT during the 2024 and 2025 academic years.