NELSON MANDELA
UNIVERSITY

SUSTAINABILITY & TRANSFORMATION AT A GLANCE

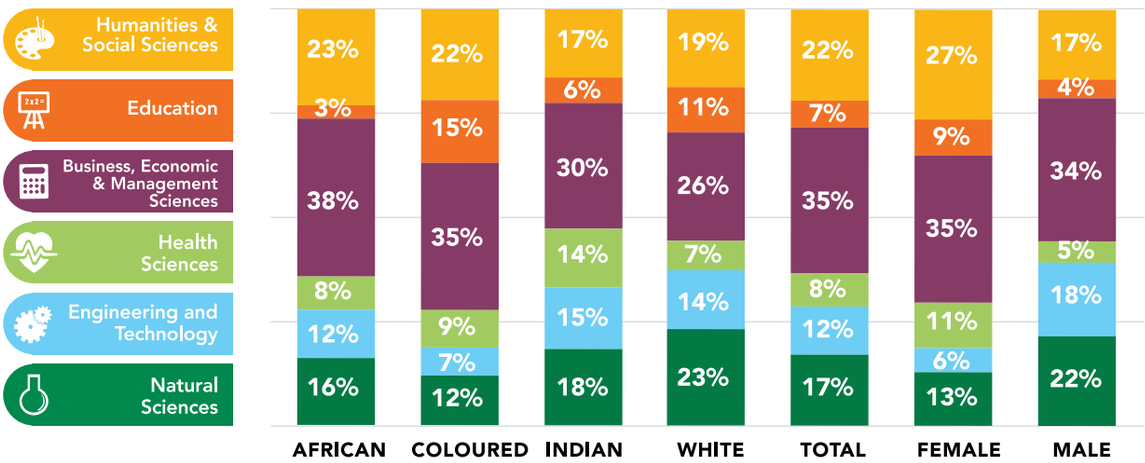
Produced by the Office for Institutional Planning

SUSTAINABLE DEVELOPMENT DEFINED

> “Development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”

(Source: Brundtland Commission Report, 1987)

ENROLMENTS BY MAJOR FIELD OF STUDY 2016

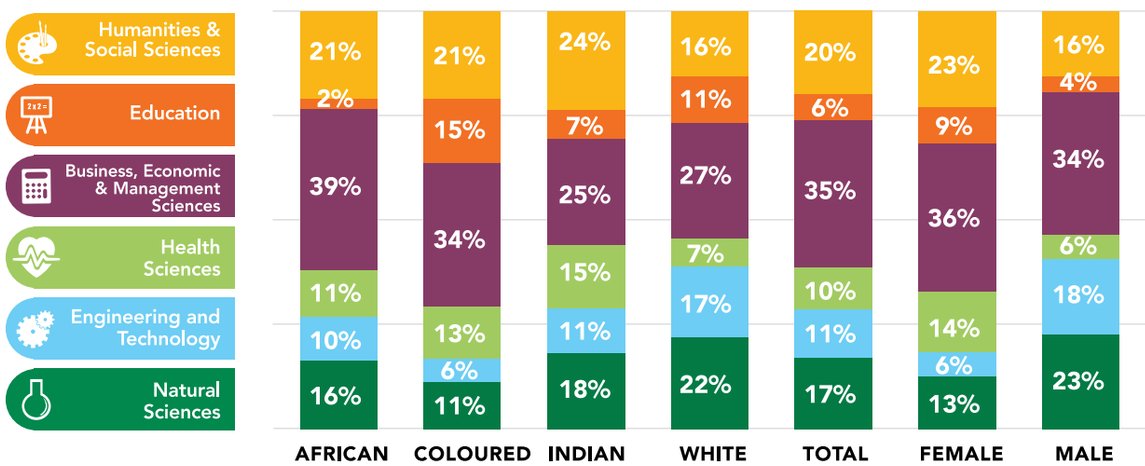


The distribution of population groups* and gender across major fields of study, 2016.

TOTAL:
27 780

*Population groups according to the Department of Labour equity categories

GRADUATES BY MAJOR FIELD OF STUDY 2016



The distribution of population groups* and gender across major fields of study, 2016.

TOTAL:
6 798

*Population groups according to the Department of Labour equity categories

THE MAJOR FIELDS OF STUDY ARE CATEGORISED AS FOLLOWS:

HUMANITIES AND SOCIAL SCIENCES
Being fine arts, music and drama, communication and journalism studies, languages and literature, law, public management and services, psychology, sociology and anthropology, history, political sciences, military sciences, philosophy and religious studies.

EDUCATION
Made up of studies in pre-primary, primary, secondary and post-school education, and the training of teachers at all levels.

BUSINESS, ECONOMICS AND MANAGEMENT
Including accounting, auditing, economics, finance, business administration, and various management programmes.

HEALTH SCIENCES
Being health professions and related clinical sciences.

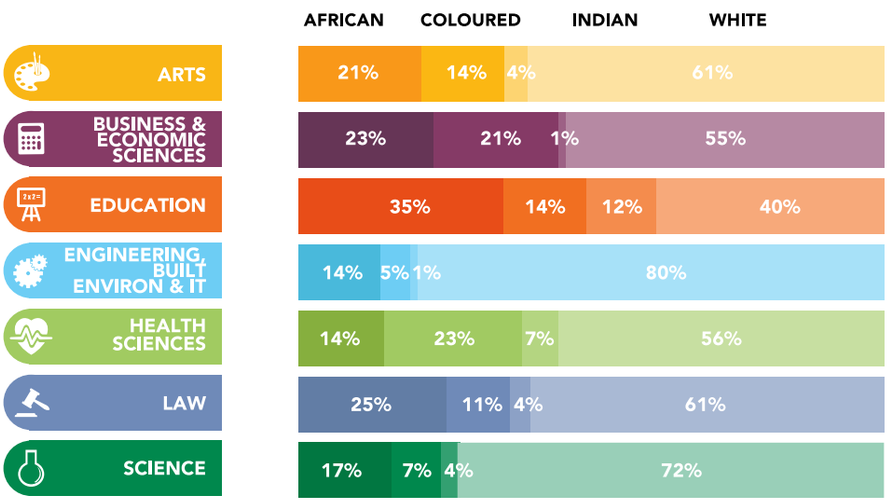
ENGINEERING AND TECHNOLOGY
Made up of engineering and architecture and the built environment.

NATURAL SCIENCES
Including agriculture and agriculture operations, computer and information sciences, family ecology and consumer sciences, life sciences and physical sciences, mathematics and statistics.

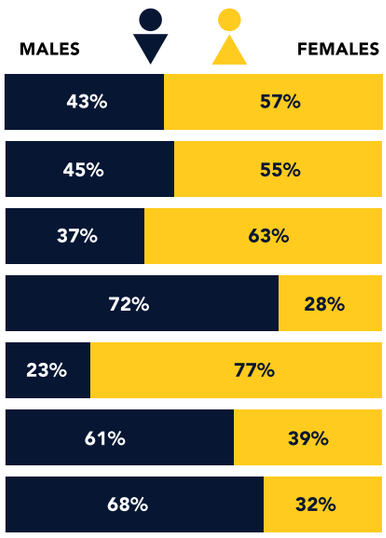
ACADEMIC STAFF PROFILE

as at 31 August 2017

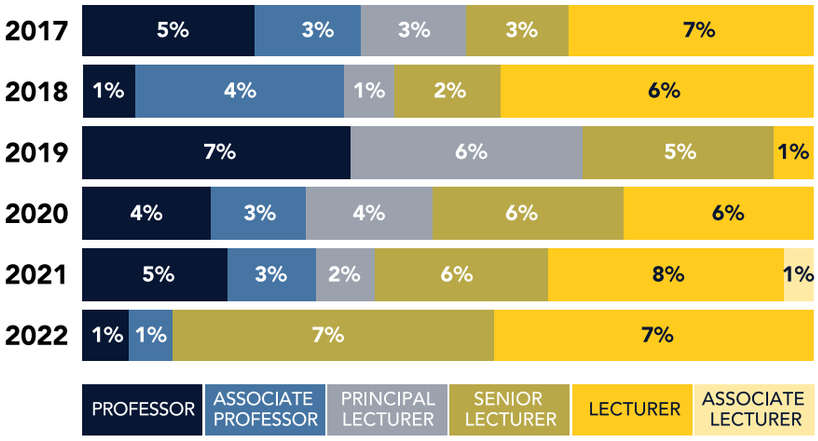
Population groups across faculties: ACADEMIC



Gender distribution across faculties: ACADEMIC



Academic retirements by rank from 2017 to 2022



The percentage of the academic staff retiring over the next 5 years:

2017	21	(3,5%)
2018	14	(2,3%)
2019	19	(3,1%)
2020	23	(3,7%)
2021	25	(4%)
2022	16	(2,5%)

NOTE: Of the 118 Academic Staff, 48% will retire at age 60 and 51% at age 65. One staff member will retire at age 63.

ENHANCING TRANSFORMATION AND EQUITY

Interventions implemented and resources spent on advancing equity

R1 119 386 ✔
The University's NGI Programme (Next Generation Initiative) 8 on NGI, 2 permanent in 2016

R950 000 ✔
Doctoral Proposal Development Programme

R1,6 million
Thutuka via NRF (Emerging researchers) ✔

Leadership Effectiveness Advancement Programme (LEAP)

R10 000 000 ✔
VC Equity fund

Transformation and Equity Immersion ✔

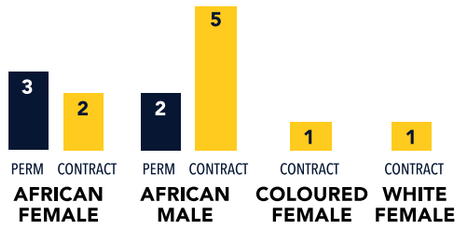
Life-skills Upliftment programme

Development of women employees: ✔ Executive management; Senior management; and Senior academic positions (HERS-SA)

New Generation of Academics (nGAP): Fully funded by DHET. ✔ The University will only begin to contribute in the 4th year of the programme which will be 2019.

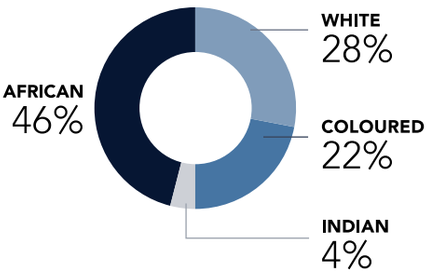
New generation academic programme

as at 31 August 2017



Profile of PASS* staff population groups

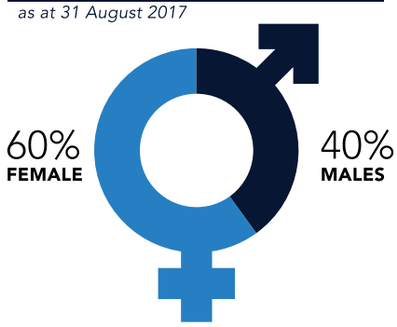
as at 31 August 2017



*Professional, Administrative and Support Services

Gender profile of PASS staff

as at 31 August 2017



The percentage PASS staff retiring from 2017 to 2022

2017	30	(1,6%)
2018	20	(1%)
2019	26	(1,3%)
2020	21	(1,1%)
2021	27	(1,4%)
2022	36	(1,9%)

NOTE: Of the 160 PASS Staff, 49% will retire at age 60 and 47% at age 65. The rest (4%) will retire at ages 61, 63 and 67 respectively

BROAD-BASED BLACK ECONOMIC EMPOWERMENT
(BBBEE)

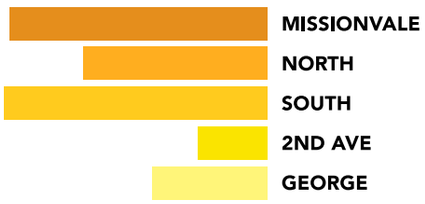
ELEMENTS	Weighted Points	2016 University Performance	2017 University Performance
Management Control	20	14.38	12.58
Skills Development	30	25.47	17.06
Enterprise Supplier Development	54	19.94	23.46
Socio Economic Development	5	5.00	5.00
TOTAL	**109**	**64.80**	**58.10**

*LEVEL 8 CONTRIBUTOR

FINANCIAL SUSTAINABILITY
Key Indicators from the Central Budget
as at 31 August 2017

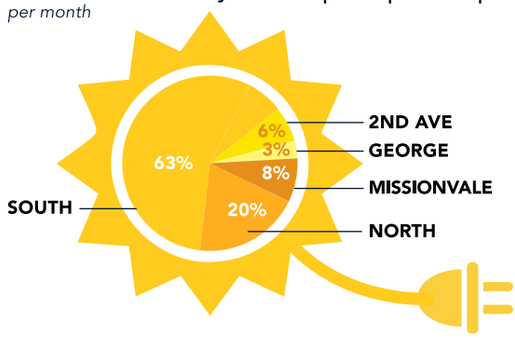
	2015	2016	2017
Total current fees outstanding YTD / fees raised YTD	24.0%	28.0%	26.0%
% total recurrent income as % of budget YTD	86.6%	90.4%	86.7%
% total recurrent expenditure as a % of budget YTD	62.6%	62.7%	60.0%
% surplus (deficit) from operations (2017 per forecast)	3.6%	0.5%	-4.3%
% surplus (deficit) from operations after investment income (2017 per forecast)	6.7%	4.4%	0.7%
Academic & PASS salaries as a % of fees and subsidy (2017 per forecast)	63.5%	65.2%	65.6%

ELECTRICITY USAGE
The average electricity usage per capita
as at 31 August 2017

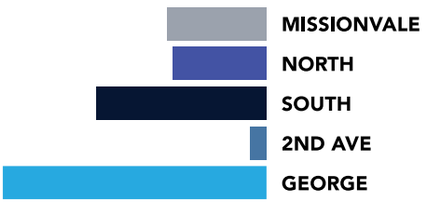


	Registered students 2017	The average electricity usage per capita (kW)
MISSIONVALE	1 848	101
NORTH	6 359	72
SOUTH	12 628	103
2ND AVE	5 281	27
GEORGE	1 494	45

Overall % electricity consumption per campus
per month

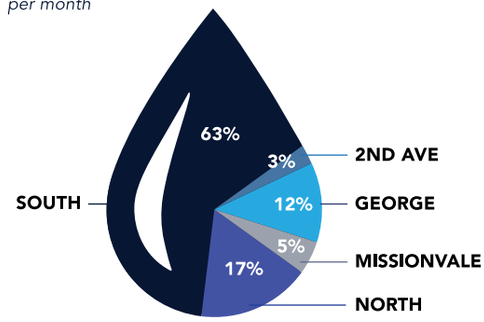


WATER USAGE
The average water usage per capita
as at 31 July 2017

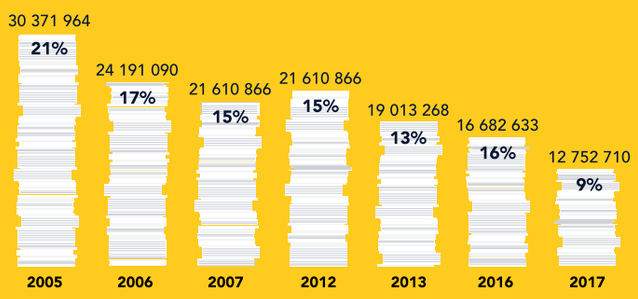


	Registered students 2017	The average water usage per capita (kL)
MISSIONVALE	1 848	0,71
NORTH	6 359	0,67
SOUTH	12 628	1,22
2ND AVE	5 281	0,12
GEORGE	1 494	1,89

Overall % water consumption per campus
per month



REPROGRAPHICS
Pages printed per year



RECYCLING INTERVENTIONS
Total average waste generated per month

MISSIONVALE	**1 375m³**
NORTH	**5 228m³**
SOUTH	**14 280m³**
2ND AVE	**9 894m³**
BIRD ST	**182m³**

6192m³
AVERAGE AMOUNT BEING RECYCLED PER MONTH