

Financial statistics of higher education institutions for 2016



Dr Pali Lehohla
24 October 2017



Background and concepts

1. Reference period (HEI financial year): 1 Jan – 31 Dec 2016
2. Information obtained from HEI financial statements & DHET
3. Financials:

Revenue: (*actual cash received, irrespective for which period*):

- * Grants from national government
- * Other receipts (tuition fees)

Expenses: (*actual cash paid, irrespective for which period*):

- * Compensation of employees
- * Purchases of goods and services

Capital expenditure

- * Buildings other than dwellings
- * Furniture

Cash flow: refers to cash movements in the bank balance during the HEI financial year

4. Scope:
 - * 26 HEIs (20 universities; 6 universities of technology)
 - * Excludes private institutions
5. Unit data available for 2015 and 2016 (for each HEI) – on request

Scope: where are our Higher Education Institutions*?

● University

● University of Technology

Western Cape

1. Cape Town
2. Stellenbosch
3. Western Cape
4. Cape Peninsula

Eastern Cape

5. Nelson Mandela
6. Rhodes
7. Fort Hare
8. Walter Sisulu

KwaZulu-Natal

9. KwaZulu-Natal
10. Zululand
11. Durban
12. Mangosuthu

Northern Cape

13. Sol Plaatje

Free State

14. Free State
15. Central

Gauteng

16. Johannesburg
17. Witwatersrand
18. Pretoria
19. UNISA
20. Sefako Makgatho (from 2015)
21. Tshwane
22. Vaal

North West

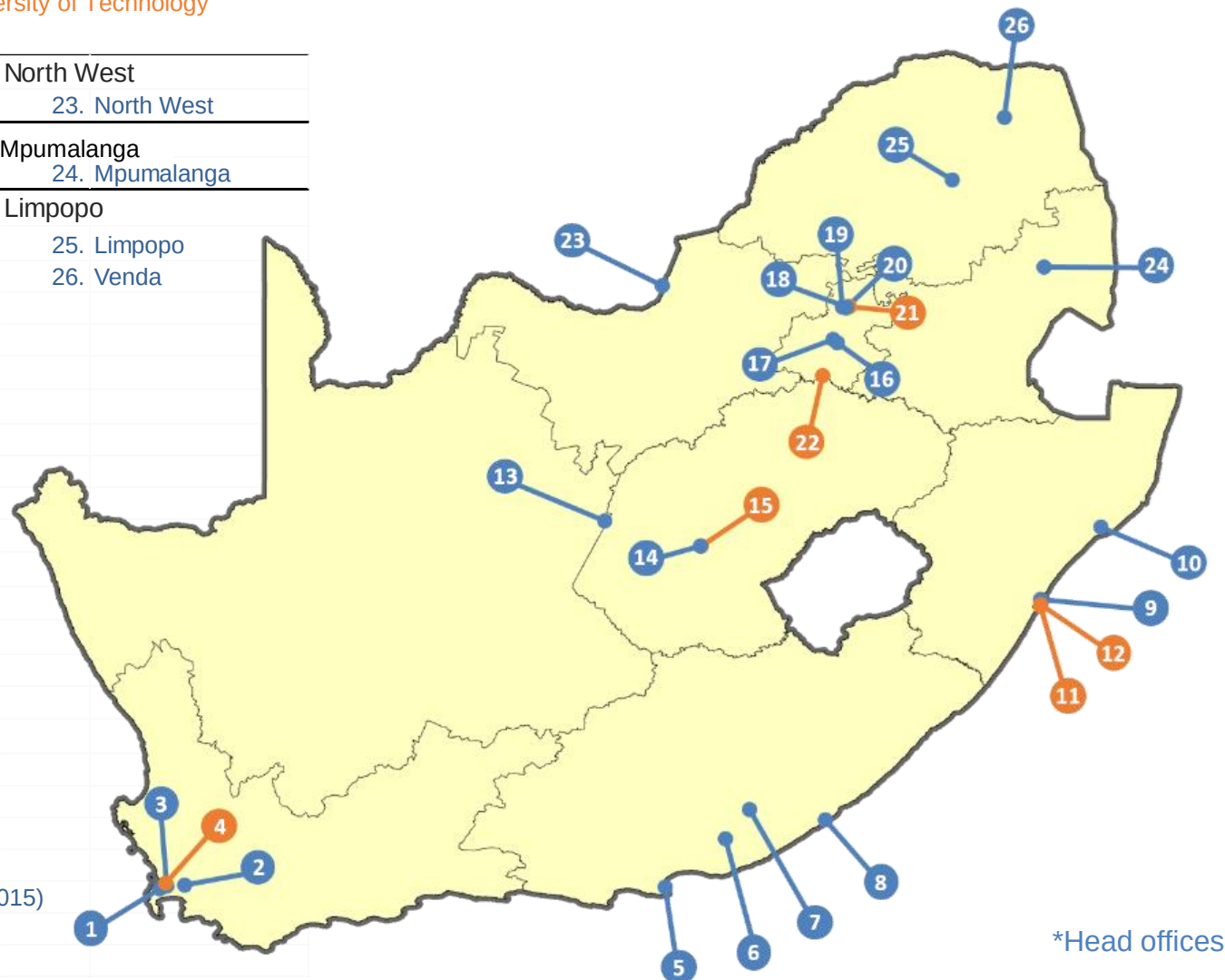
23. North West

Mpumalanga

24. Mpumalanga

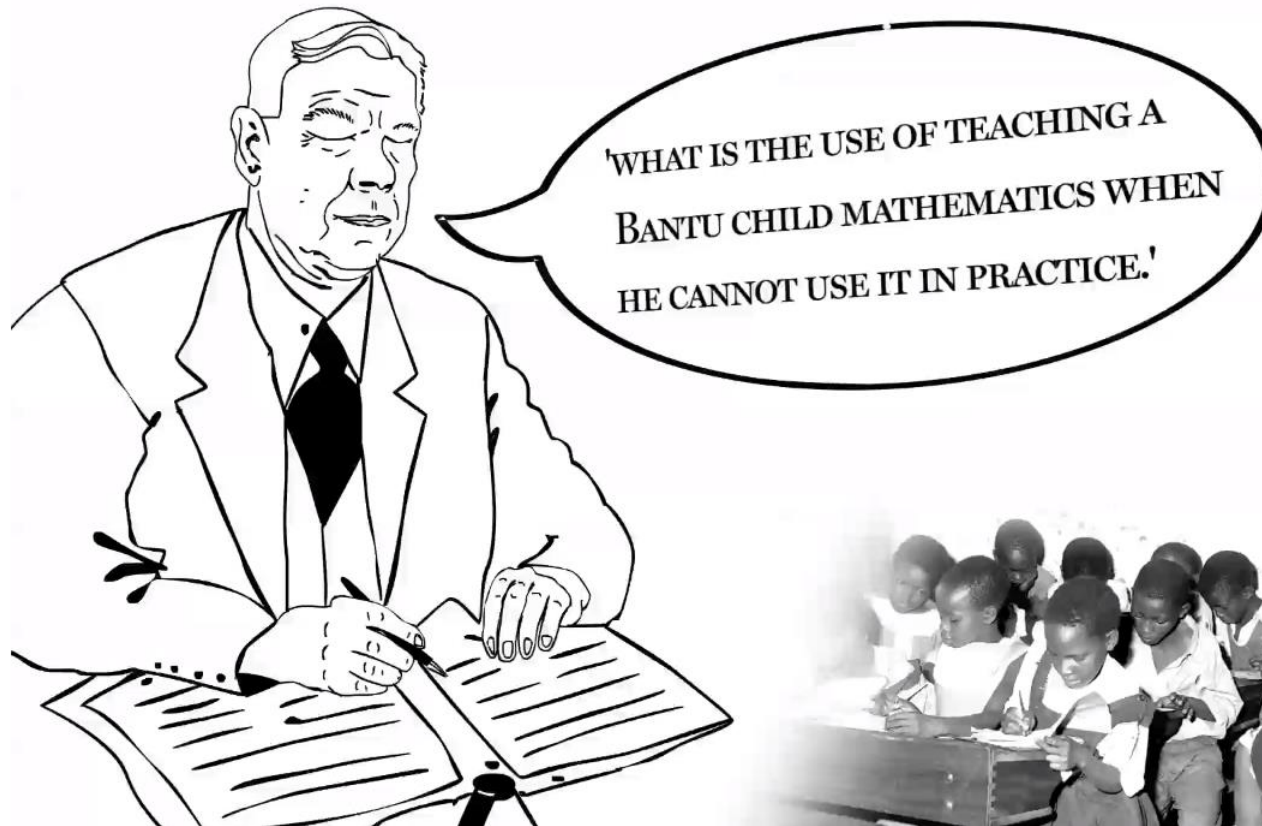
Limpopo

25. Limpopo
26. Venda



*Head offices

Triggers of Crisis



Culmination of Contestation: Soweto Uprising

Soweto uprising

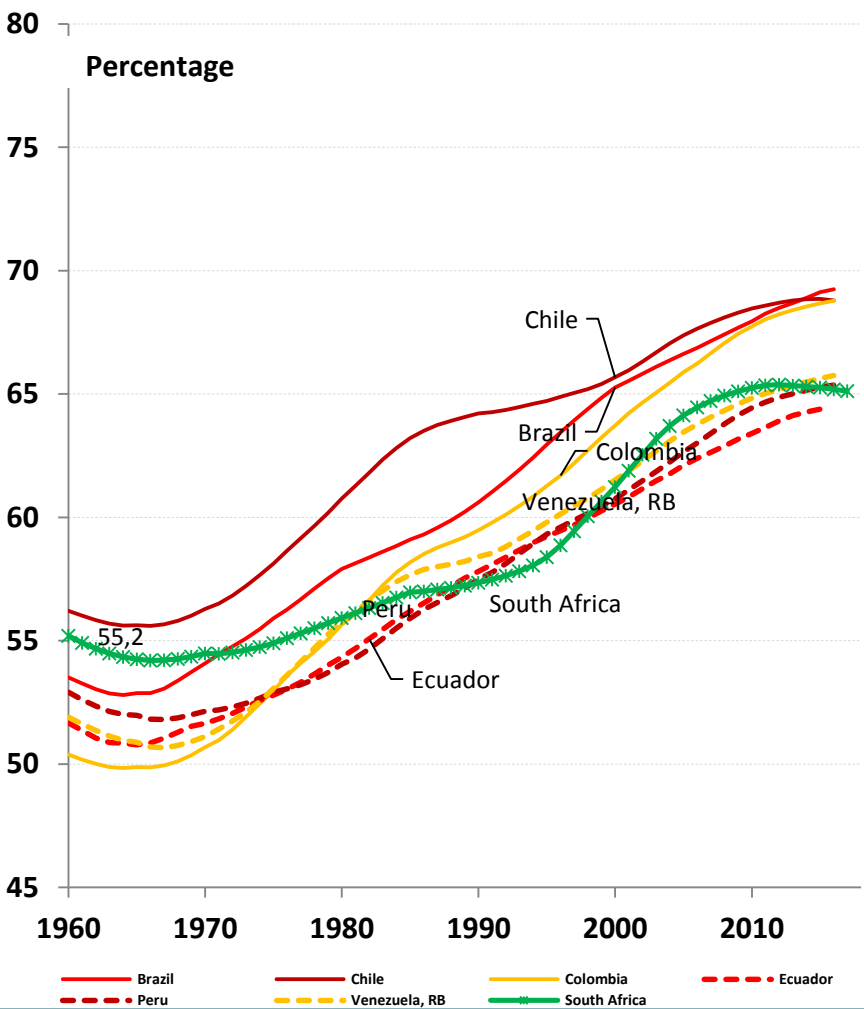
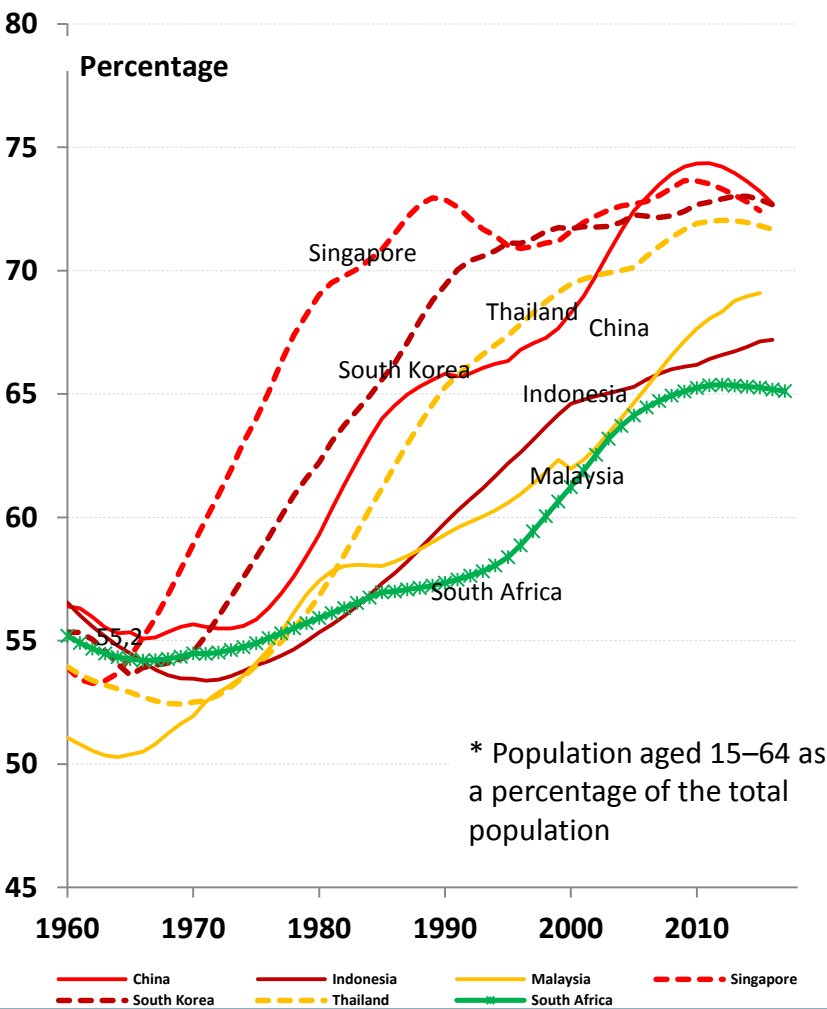


Culmination of Contestation, 40 Years Later: Fees Must Fall



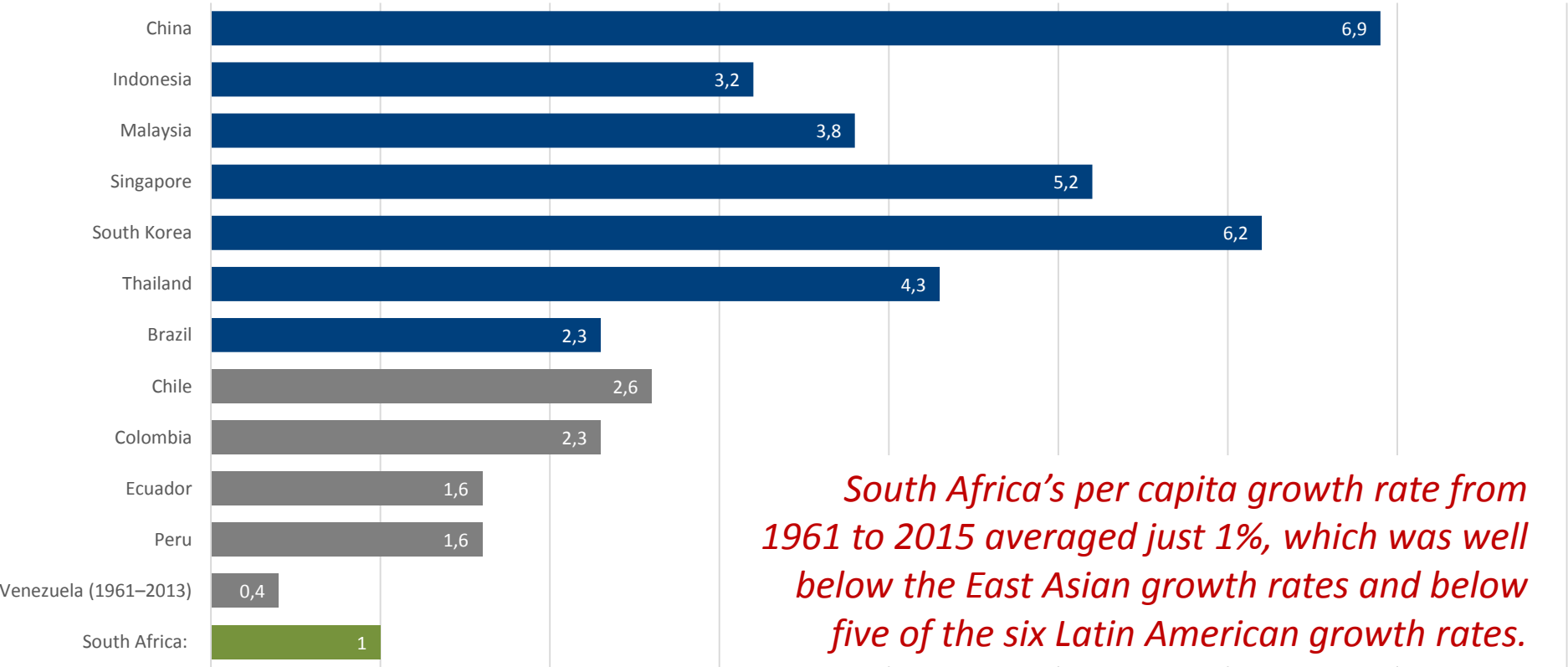
Demographic Transition: % Working Age Population

South Africa along with East Asian and Latin American Countries experienced a demographic transition but Economic Growth varied



Real GDP per capita, average annual growth (%), 1961–2015 Growth Rates for Selected Countries

A demographic transition on its own does may not result in extended periods of high growth



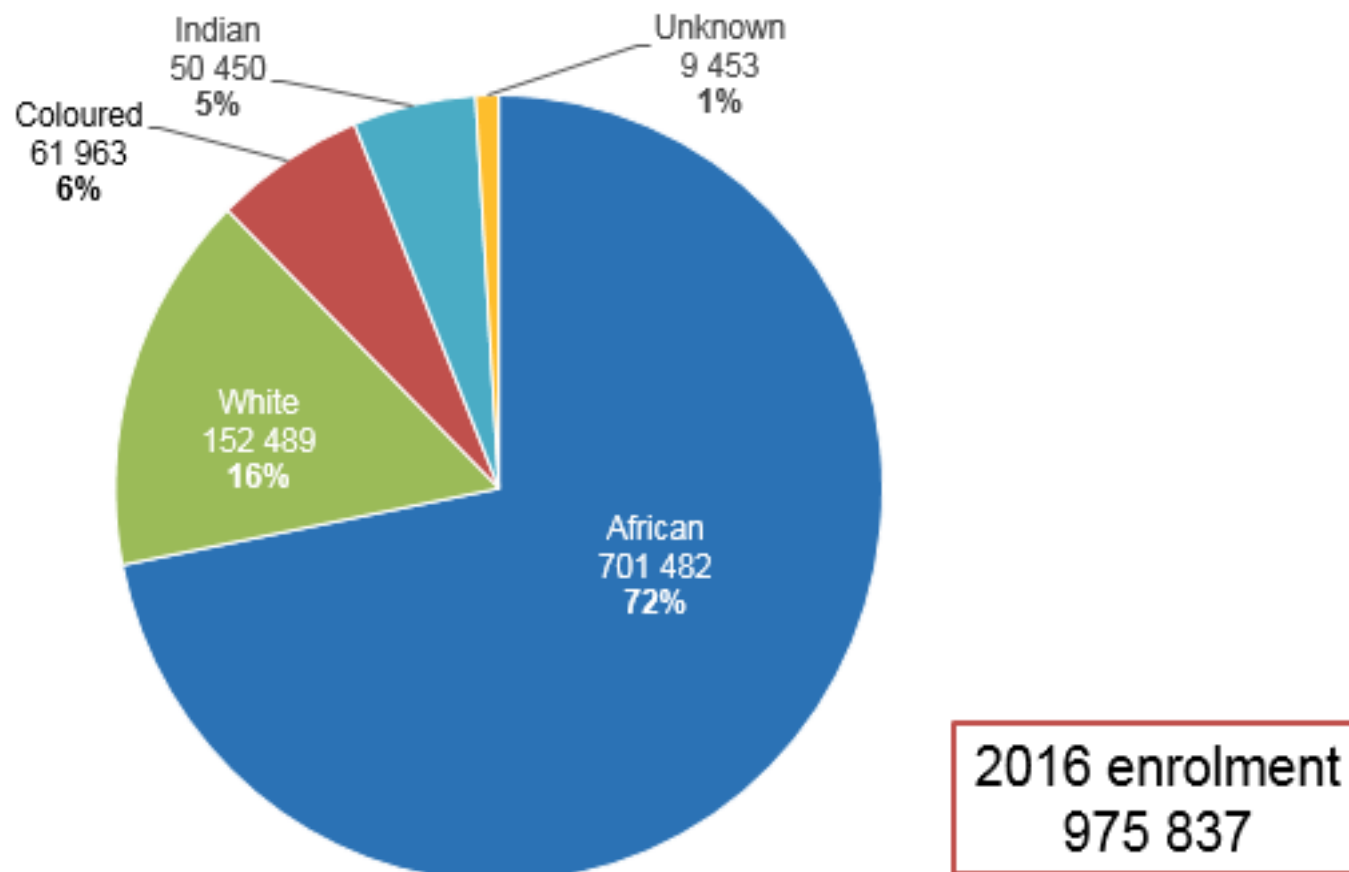
Source: World Bank and calculations

Student enrolment



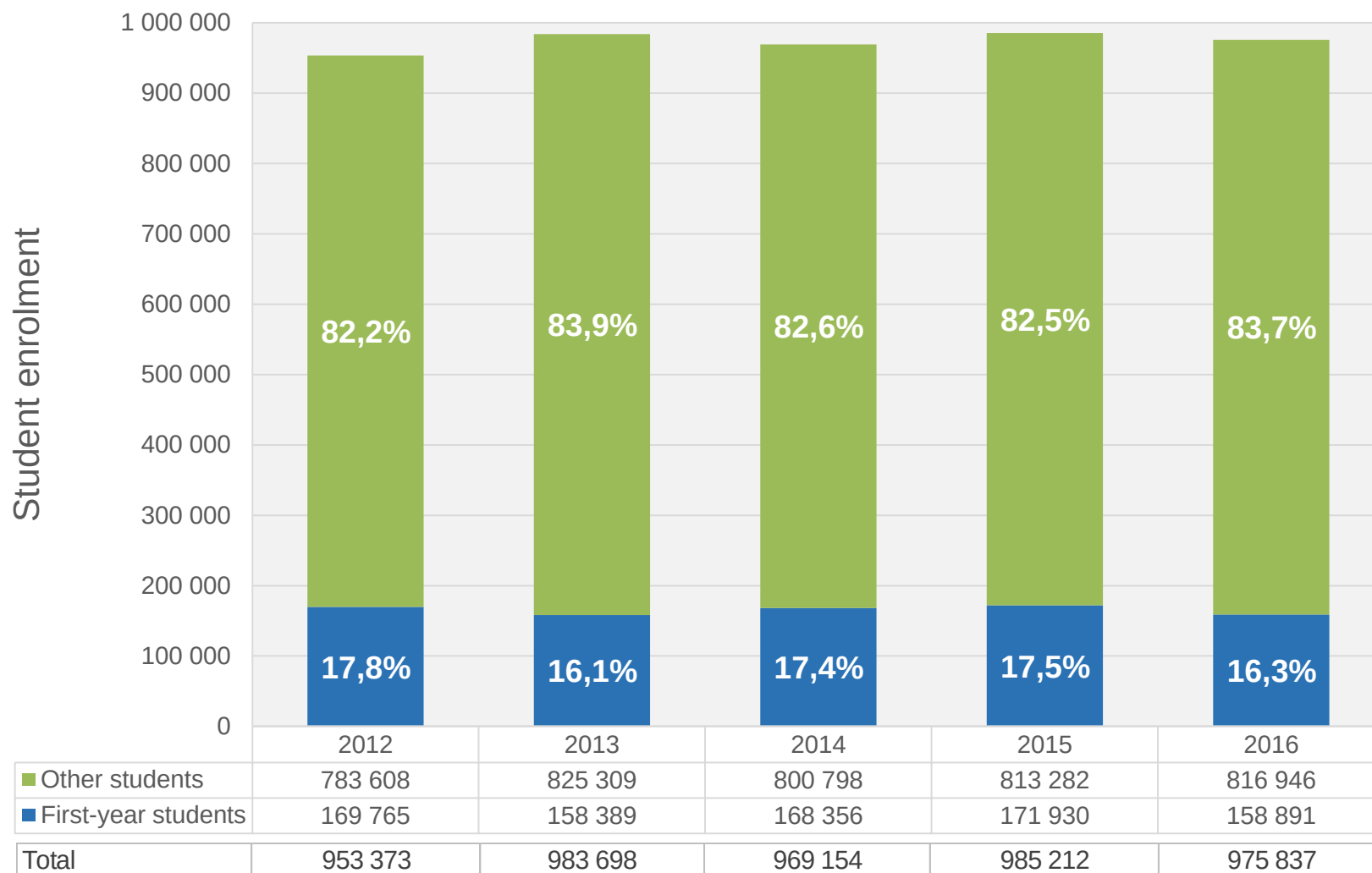
Photo: Jeffrey Barbee <http://www.mediaclubsouthafrica.com/>

Higher education student enrolment: 2016



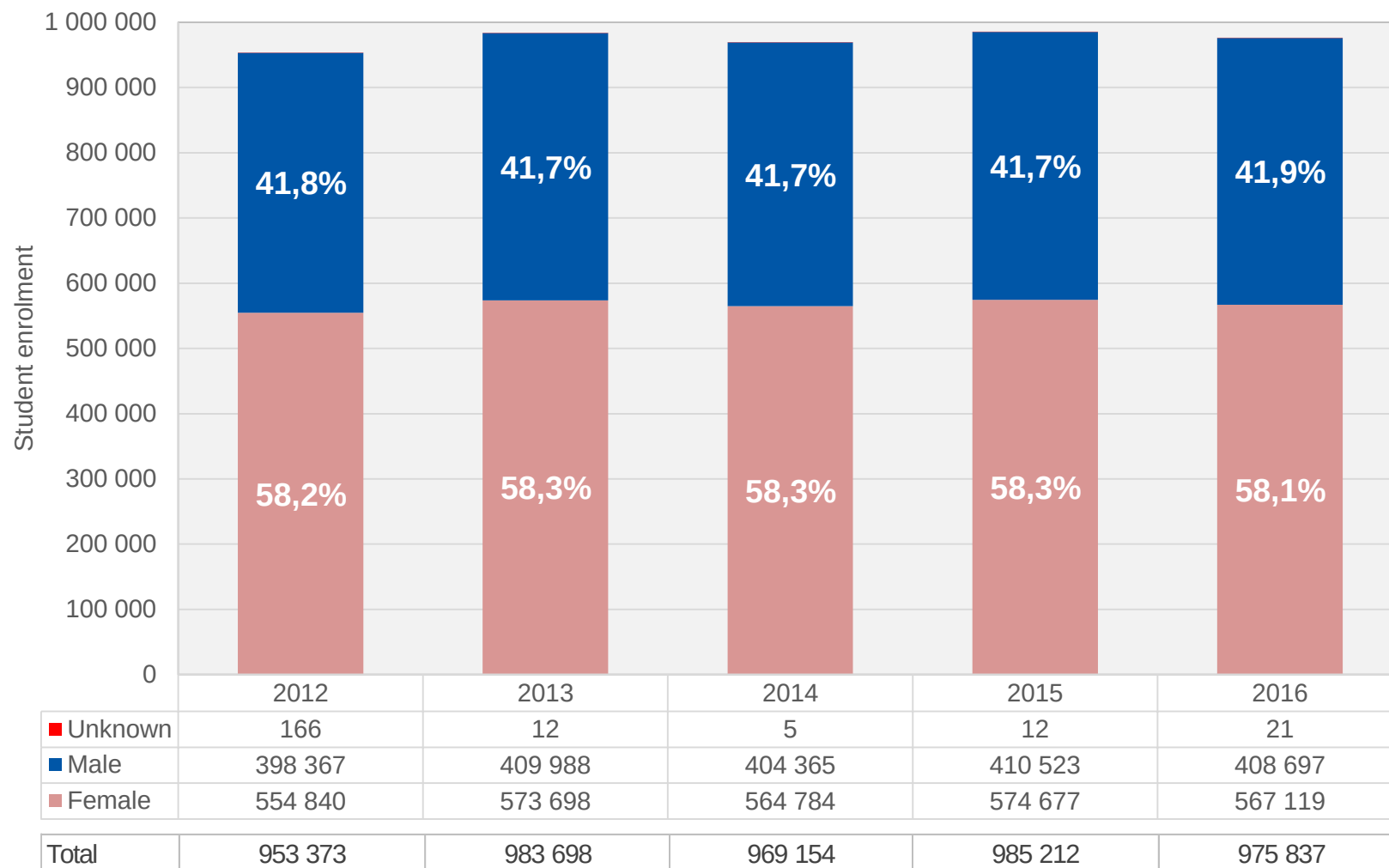
Source: Department of Higher Education. Preliminary data (2016)

Contribution of first-year students enrolment: 2012-2016



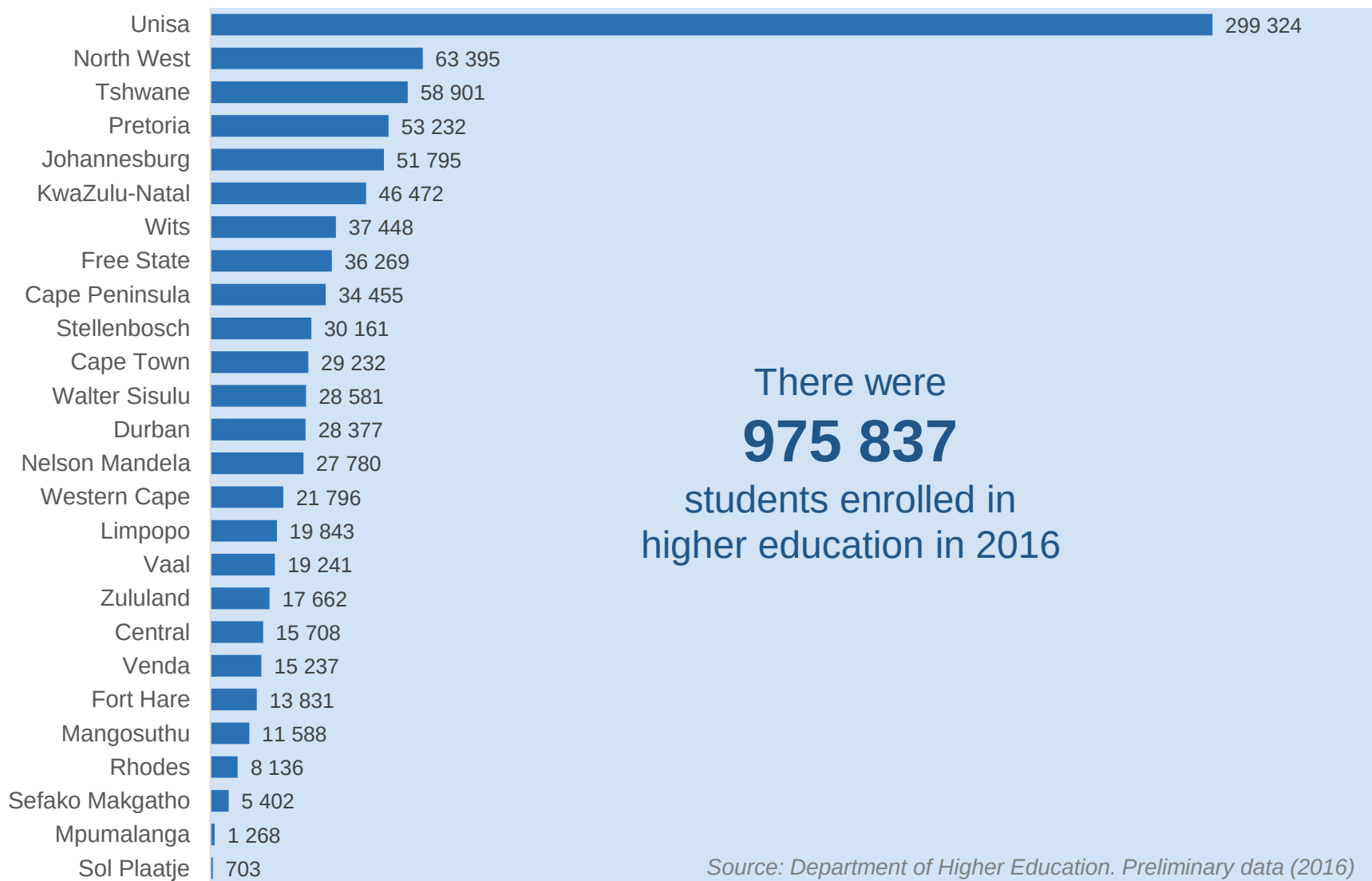
Source: Department of Higher Education. Preliminary data (2016)

Students enrolment according to gender: 2012-2016



Source: Department of Higher Education. Preliminary data (2016)

Student enrolment: 2016



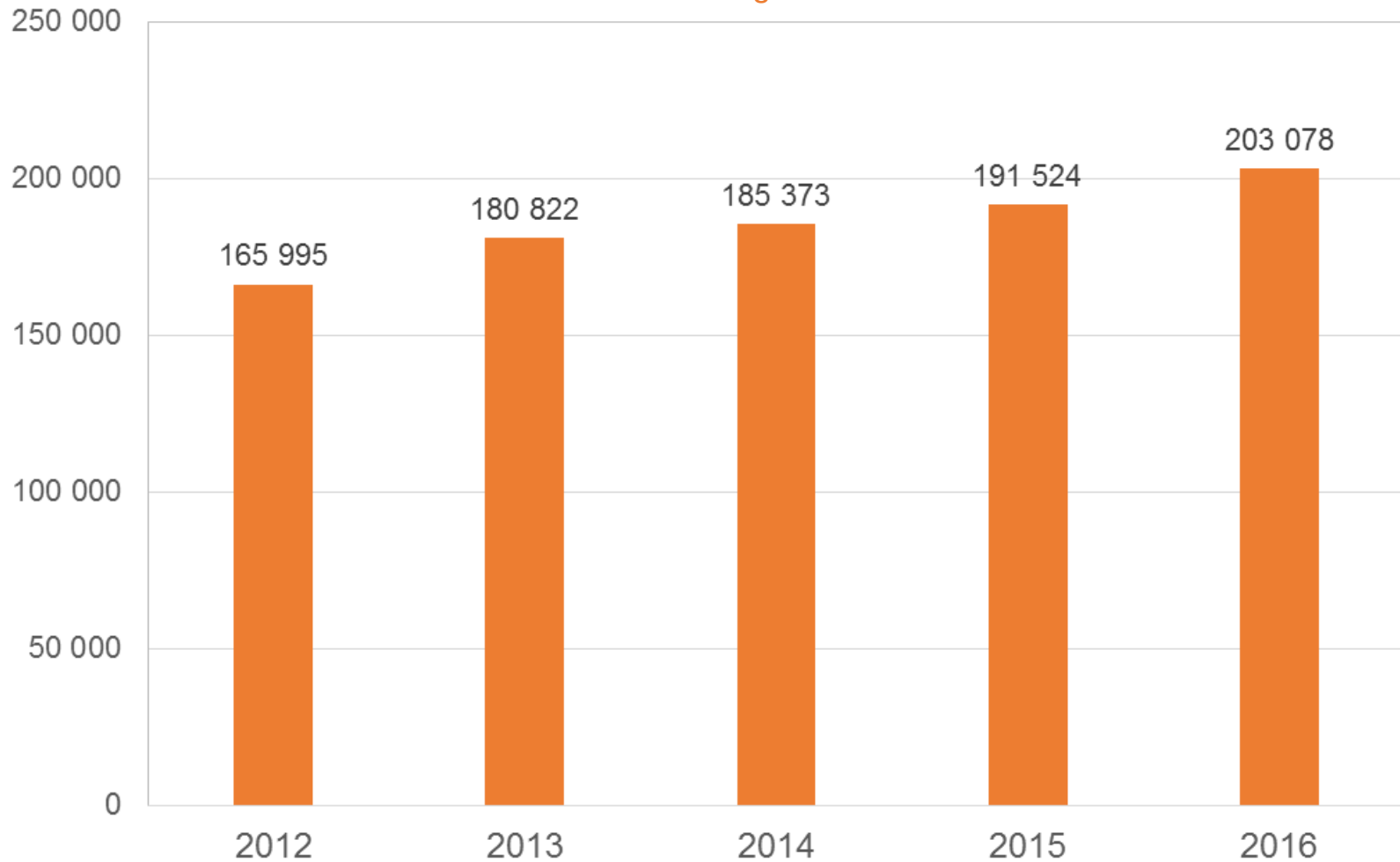
Student enrolment: 2012-2016

Institution Name	2012	2013	2014	2015	2016
Unisa	336 286	355 240	328 491	337 944	299 324
North West	58 752	60 975	63 135	64 070	63 395
Tshwane	51 711	54 159	56 785	57 246	58 901
Pretoria	57 508	57 553	56 376	55 984	53 232
Johannesburg	48 769	48 386	49 789	49 452	51 795
KwaZulu Natal	41 864	44 002	45 465	45 506	46 472
Wits	30 436	31 134	32 721	33 777	37 448
Free State	32 375	31 877	31 032	30 418	36 269
Cape Peninsula	33 509	33 477	33 186	32 674	34 455
Stellenbosch	27 510	27 418	28 869	29 613	30 161
Cape Town	25 805	26 118	26 357	27 809	29 232
Walter Sisulu	24 613	24 122	23 946	25 993	28 581
Durban	24 875	26 059	26 472	27 023	28 377
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Western Cape	19 591	20 383	20 582	20 382	21 796
Limpopo	22 249	22 914	23 384	18 907	19 843
Vaal	21 201	20 633	19 319	17 678	19 241
Zululand	16 434	16 591	16 663	16 891	17 662
Central	12 724	13 303	14 352	14 193	15 708
Venda	10 323	11 818	13 497	14 146	15 237
Fort Hare	12 044	12 315	13 063	13 458	13 831
Mangosuthu	10 802	11 375	11 377	11 518	11 588
Rhodes	7 395	7 485	7 519	8 007	8 136
Sefako Makgatho	0	0	0	5 074	5 402
Mpumalanga	0	0	140	816	1 268
Sol Plaatje	0	0	124	328	703
Total	953 373	983 698	969 154	985 212	975 837

Source: Department of Higher Education. Preliminary data (2016)

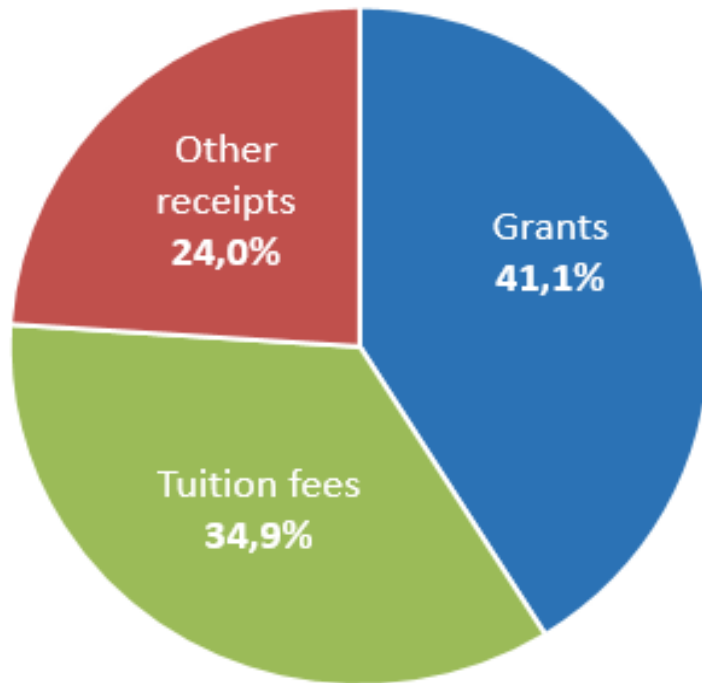
Number of graduates (2012-2016)

There were **203 078** graduates in 2016

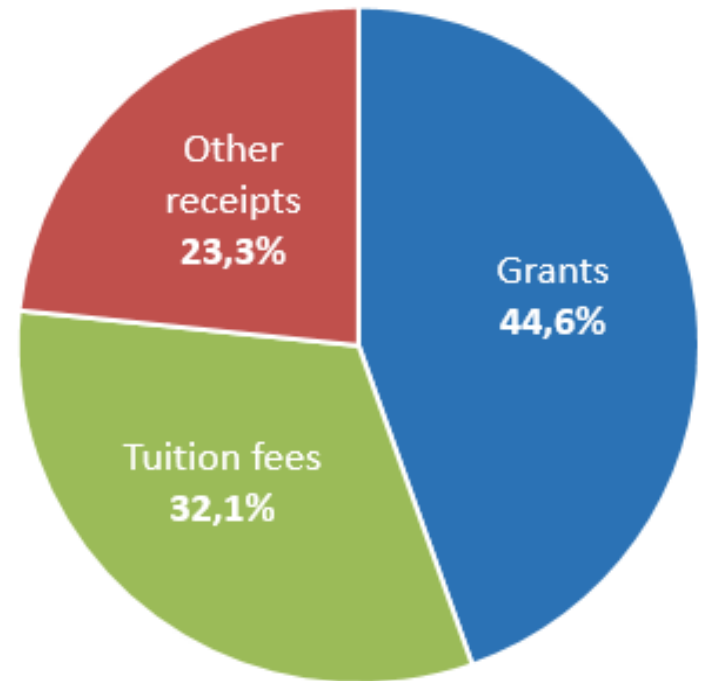


Source: Department of Higher Education. Preliminary data (2016)

HEIs revenue: 2015-2016



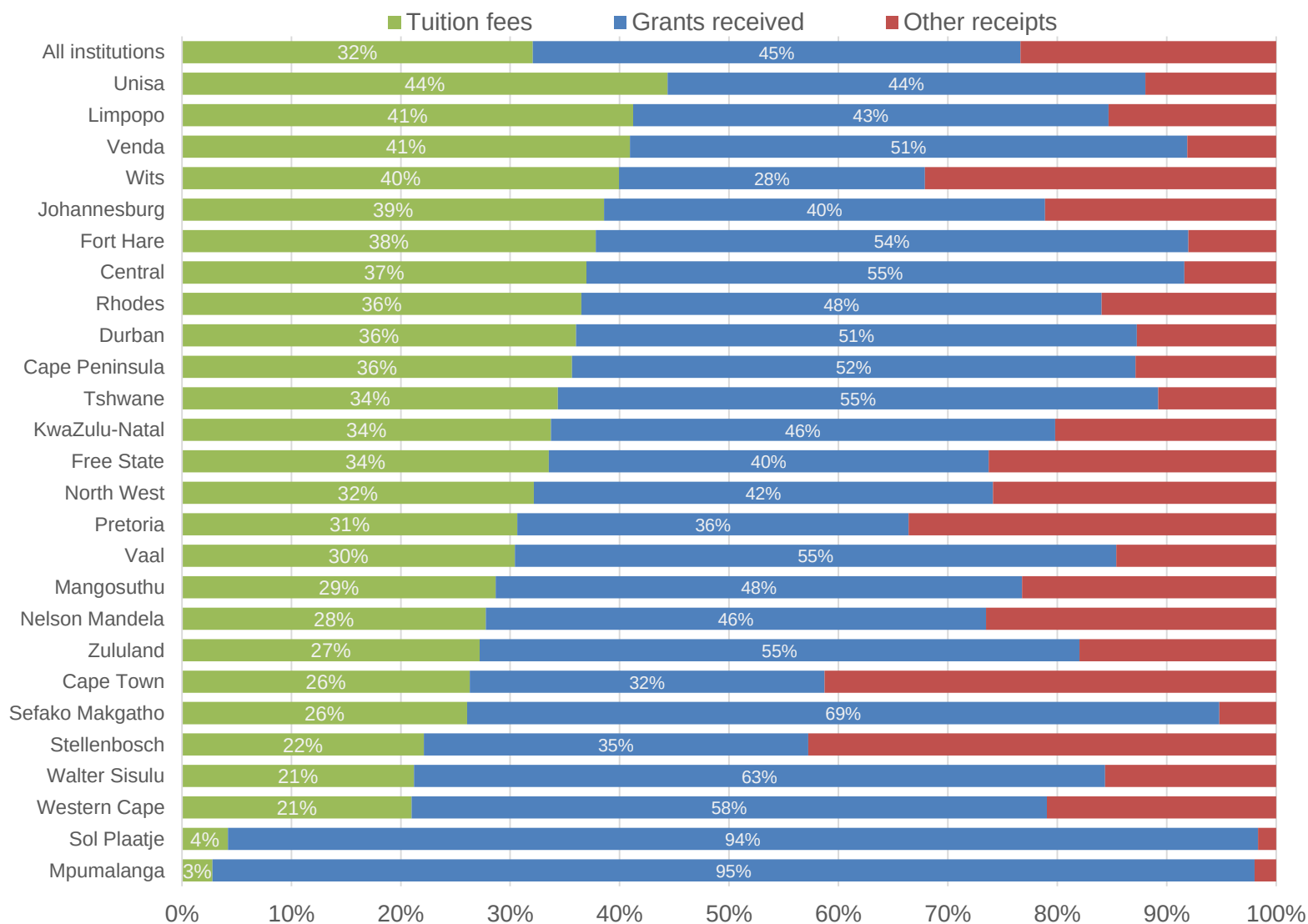
2015
R61,0 billion



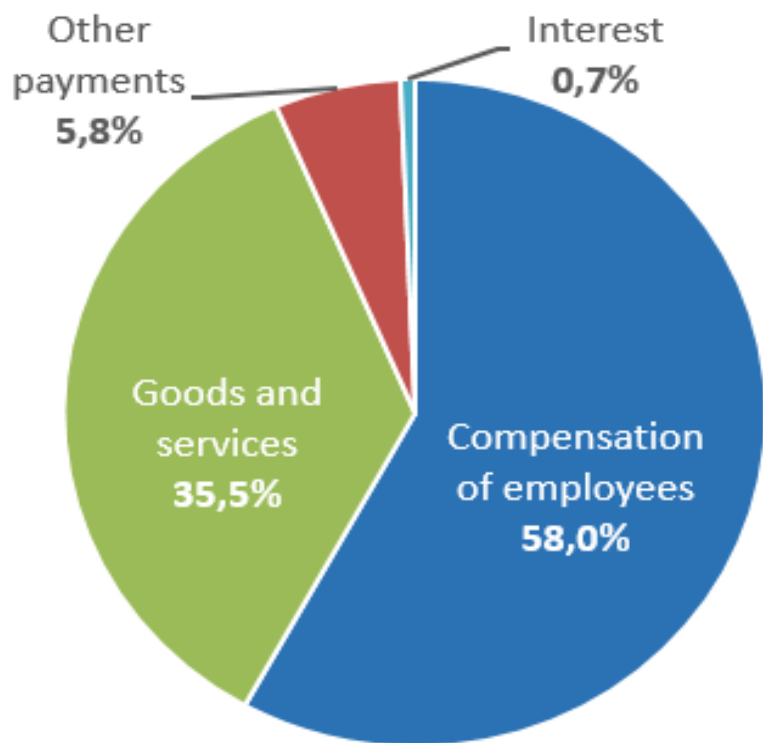
2016
R67,4 billion

Revenue
increased by
11%
from 2015 to 2016

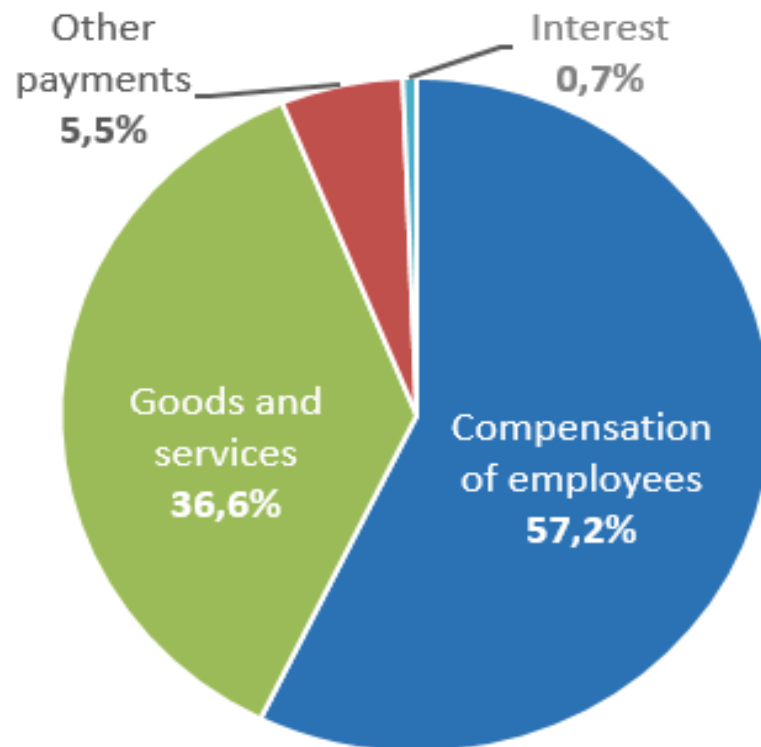
HEIs revenue: 2016



HEIs expenses: 2015-2016



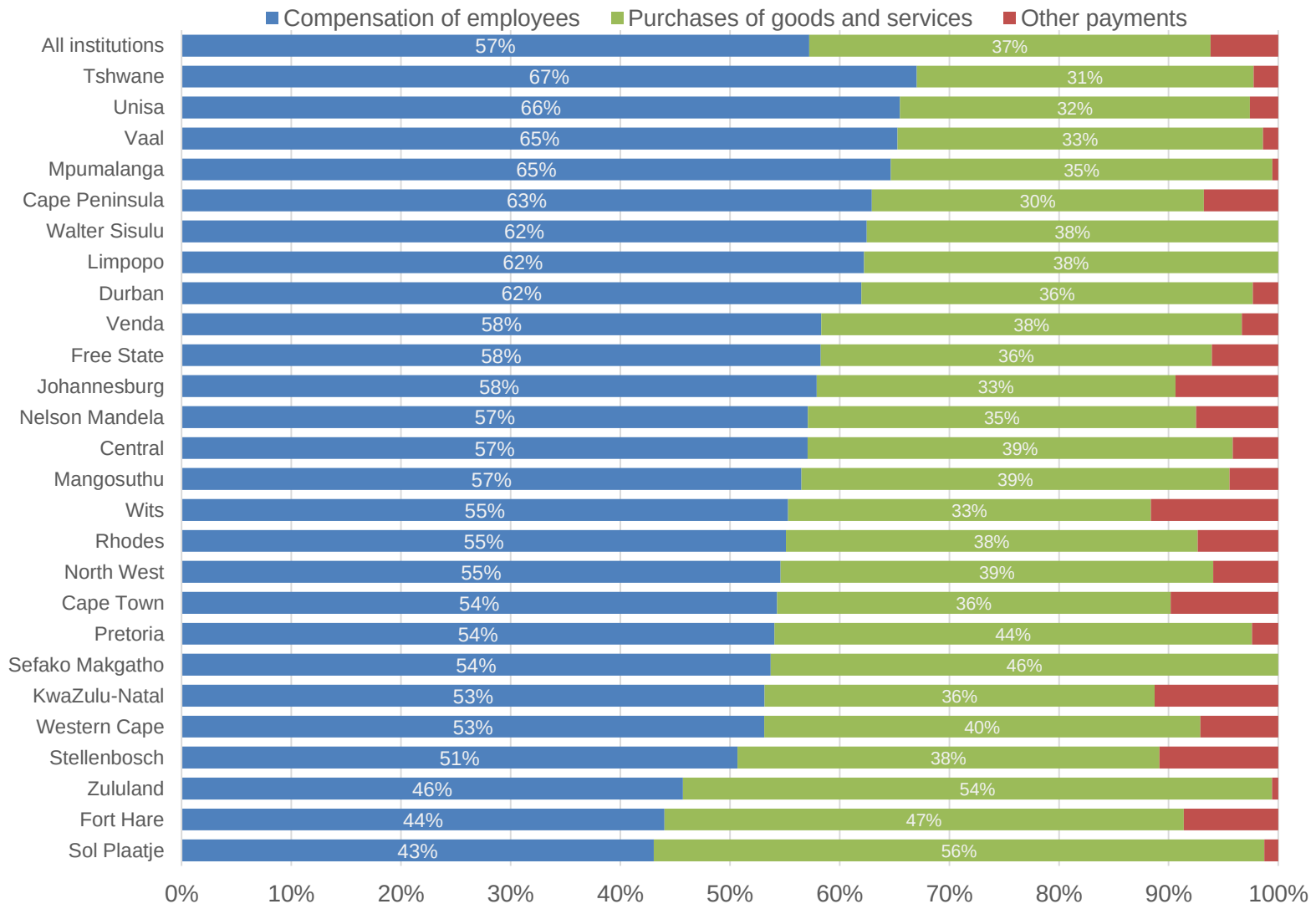
2015
R53,6 billion



2016
R59,0 billion

Expenses
increased by
10%
from 2015 to 2016

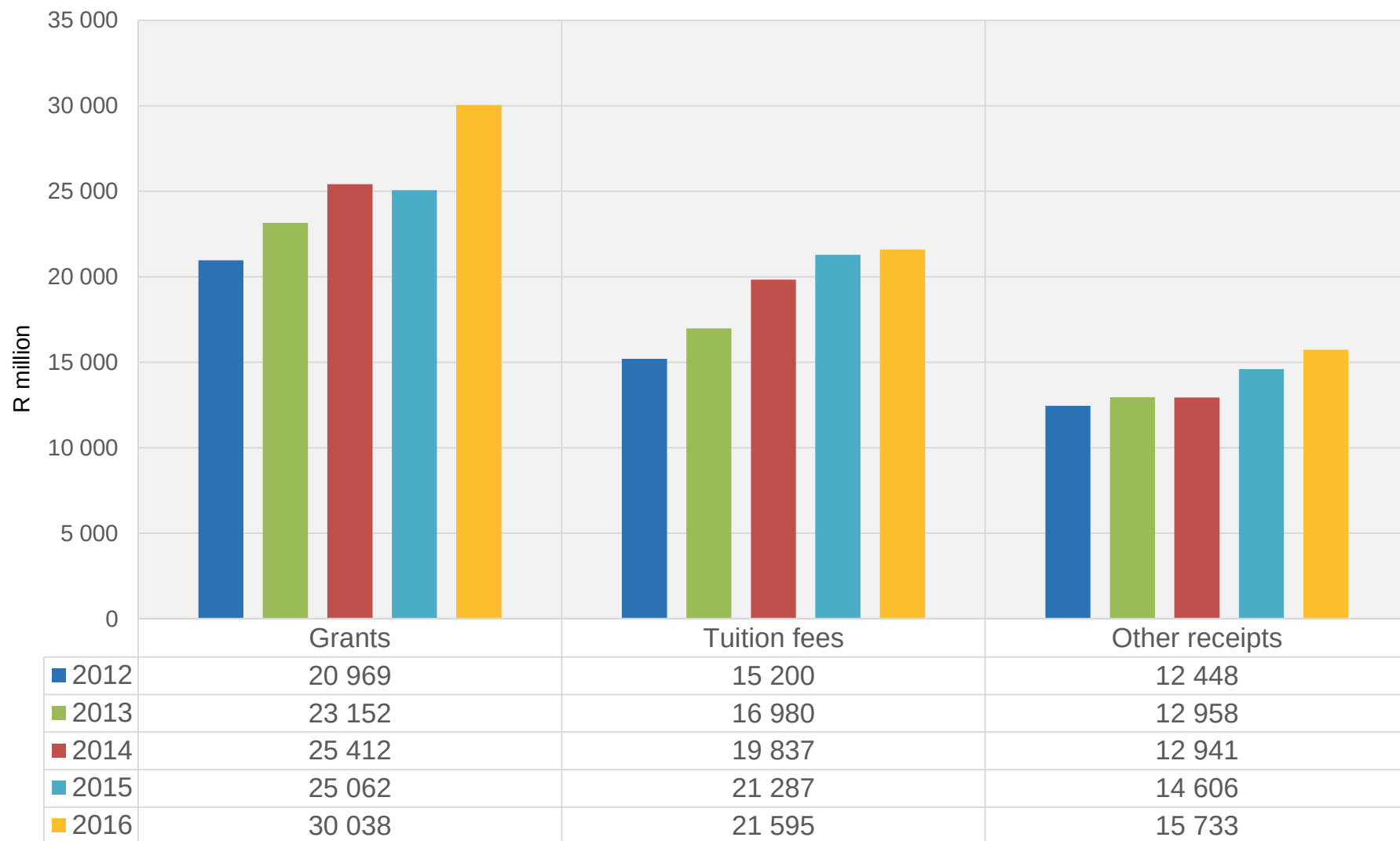
HEIs expenses: 2016



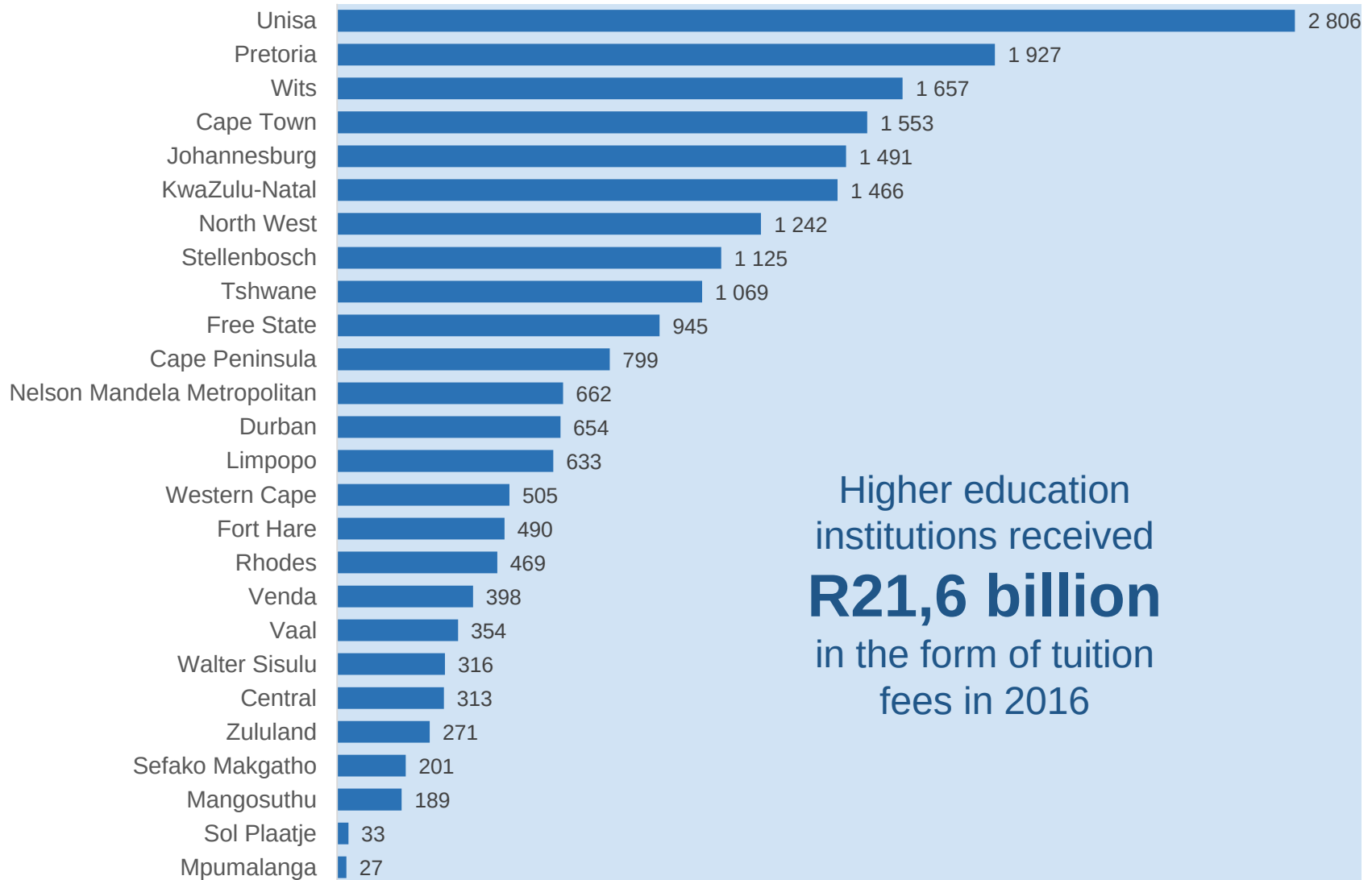
Revenue



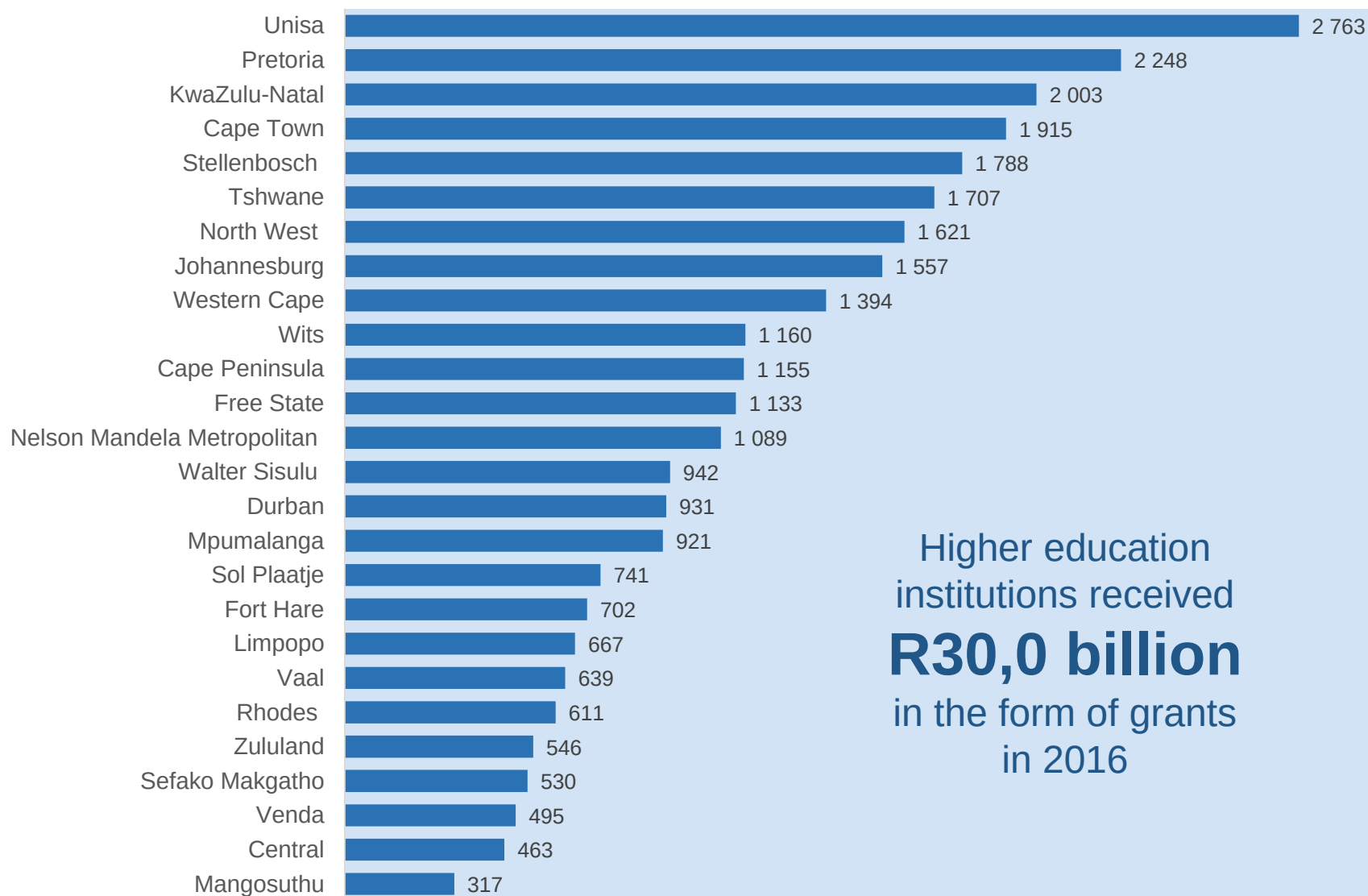
HEI Receipts: 2012-2016 (Rm)



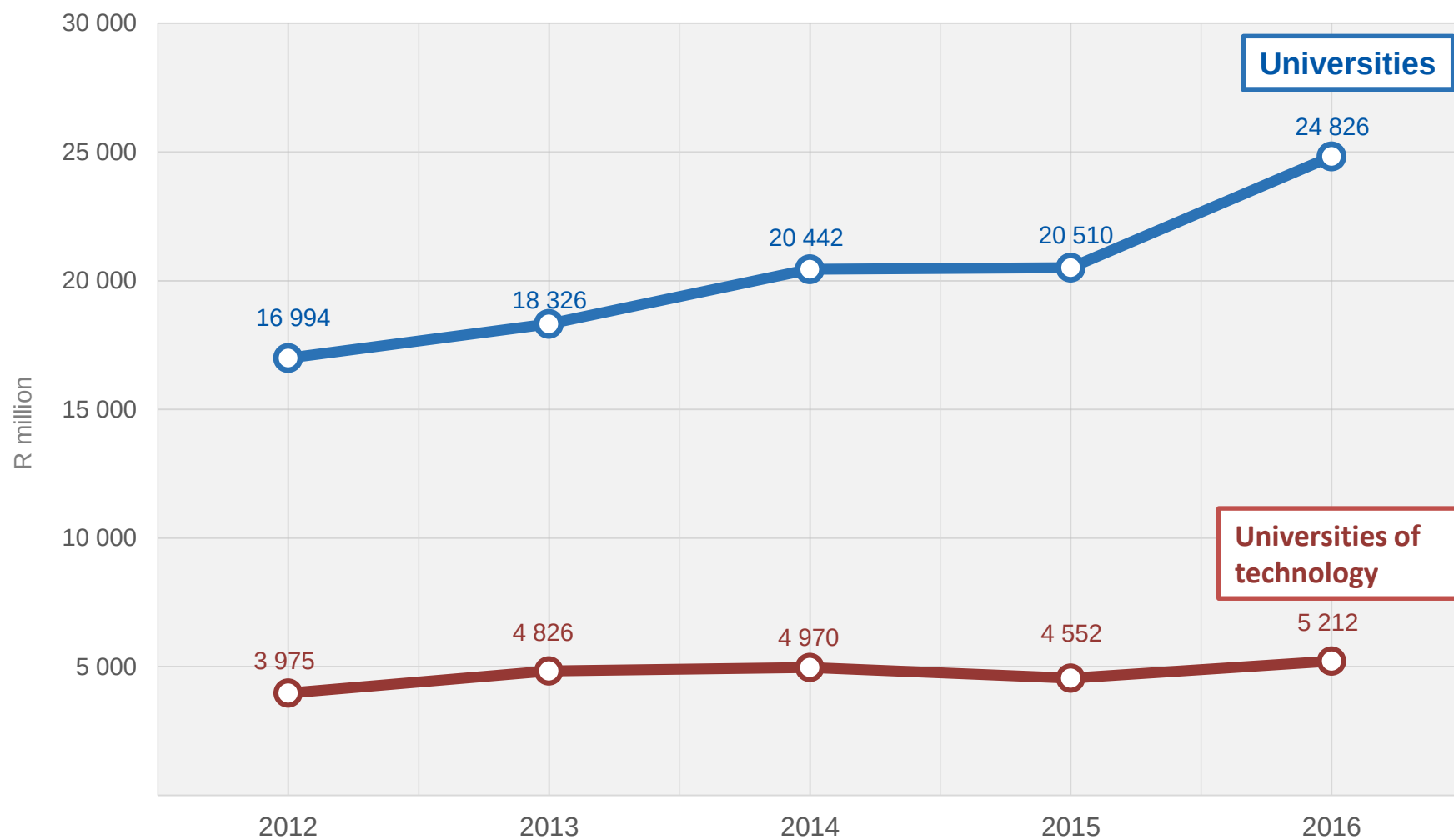
Tuition fees received per HEI: 2016 (Rm)



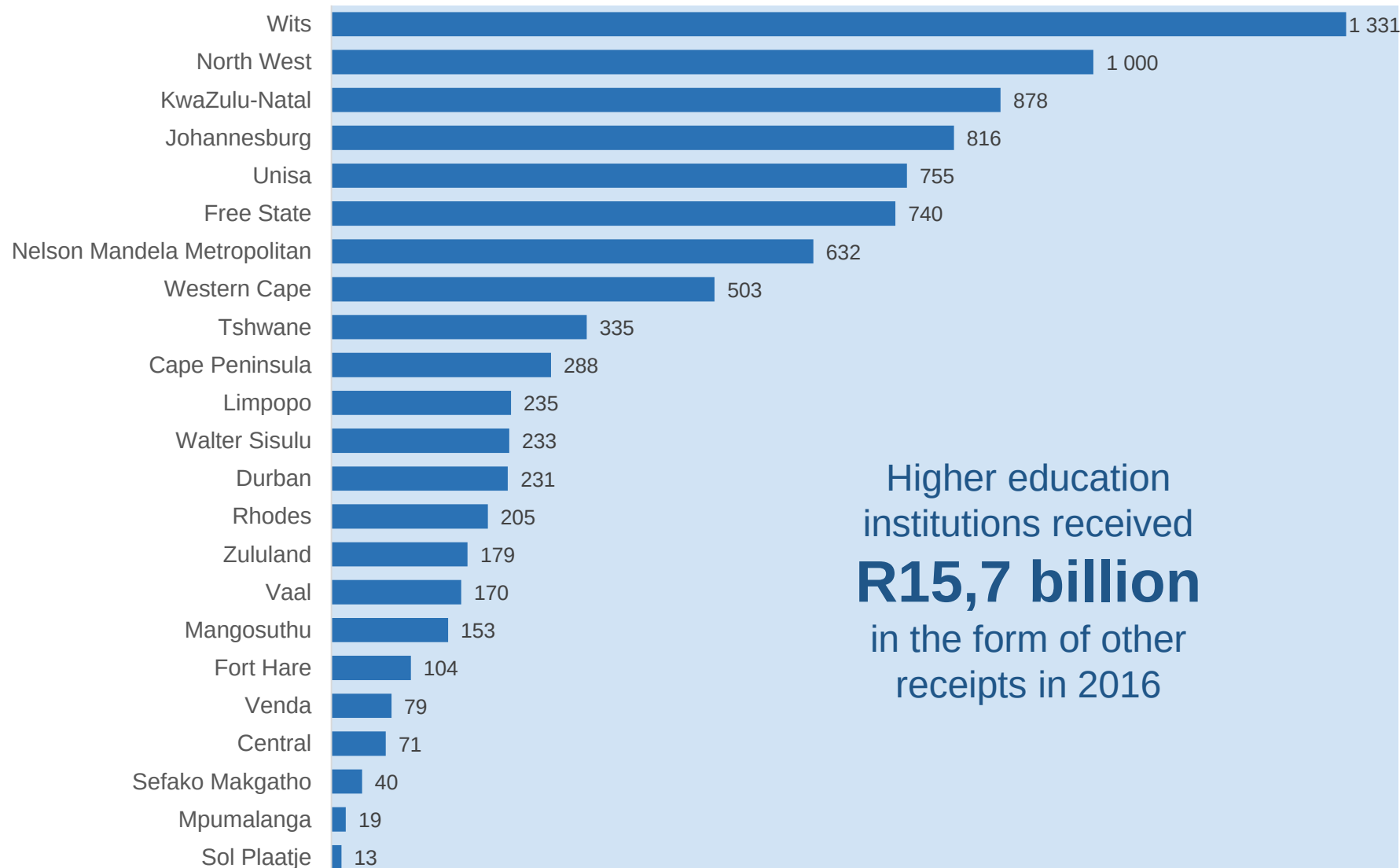
Grants received per HEI from national government: 2016 (Rm)



Grants from national government to HEIs: 2012-2016 (Rm)

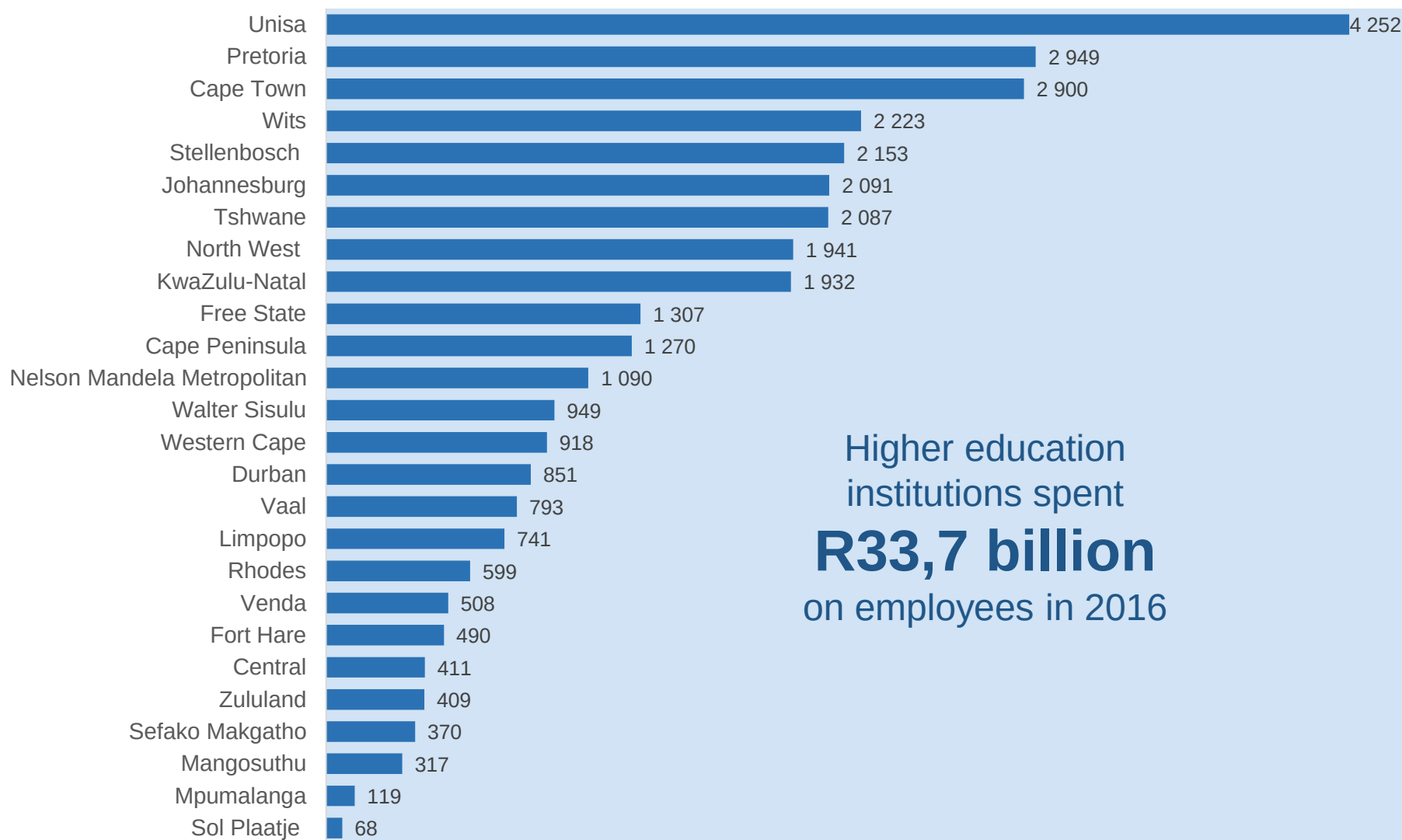


Other receipts to HEIs: 2016 (Rm)



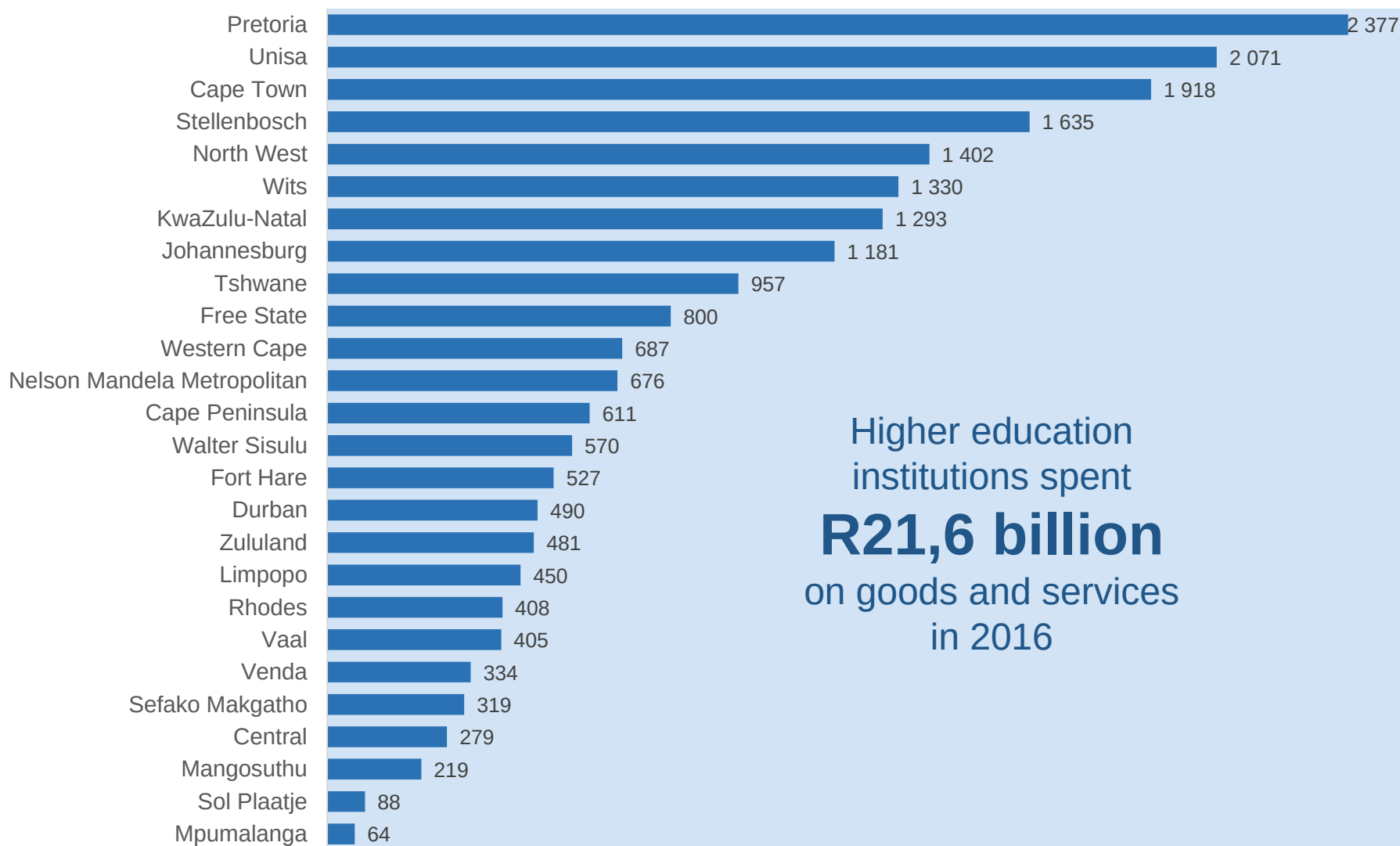
Expenses

Compensation of employees per HEI: 2016 (Rm)



Higher education
institutions spent
R33,7 billion
on employees in 2016

HEIs purchases of goods and services: 2016 (Rm)

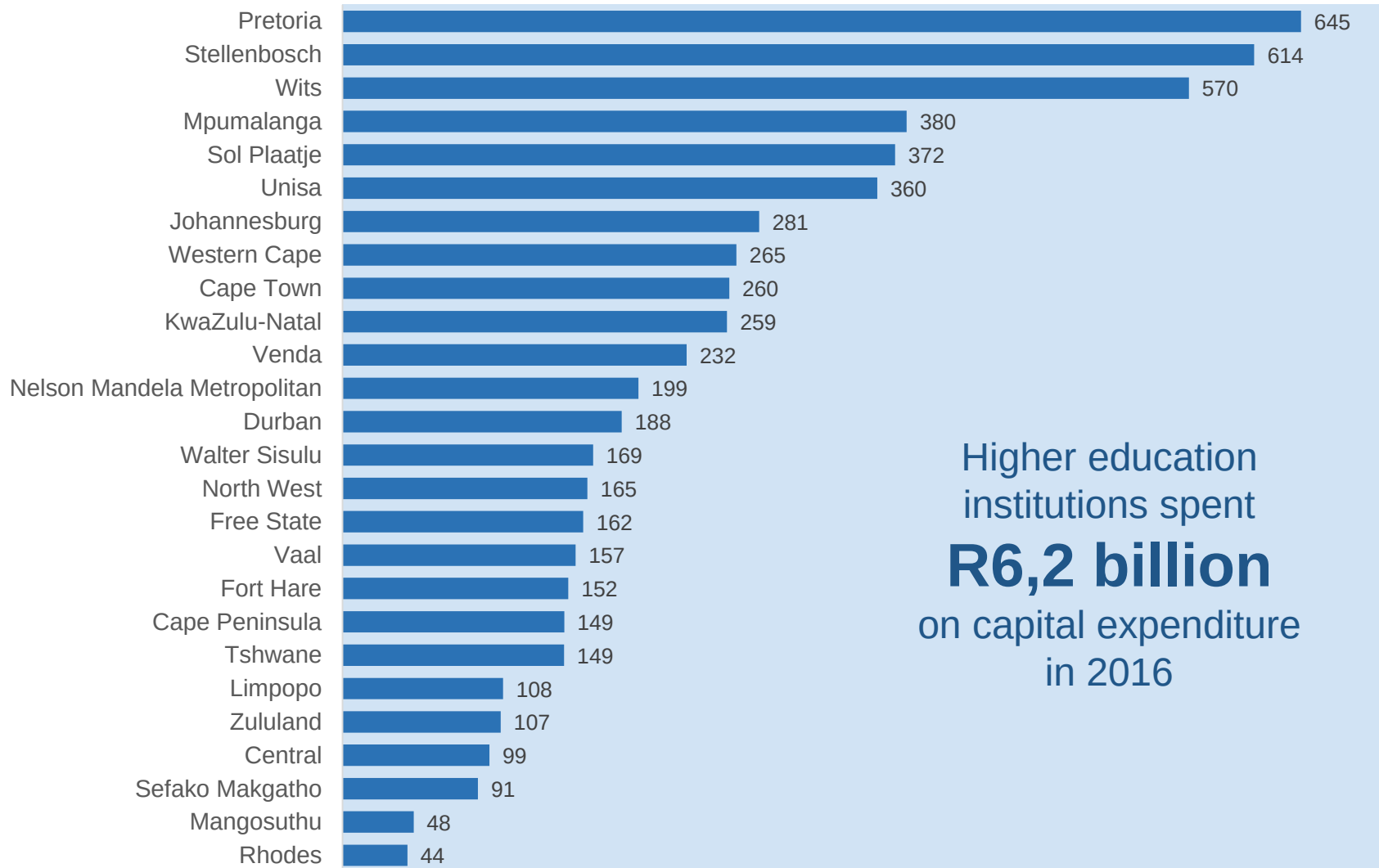


Capital expenditure

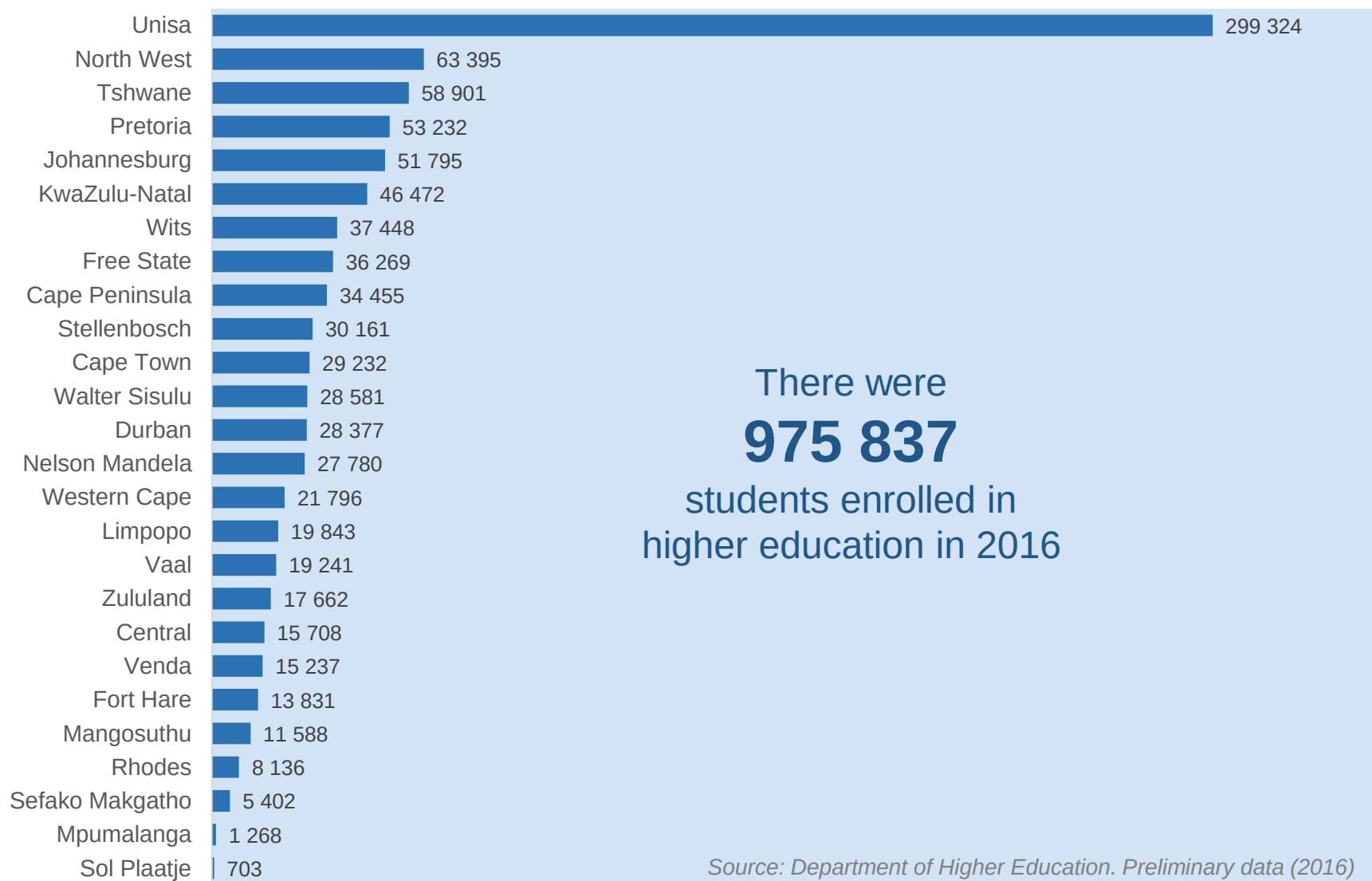


Photo: Hannelie Goetzee <http://www.medioclubsouthafrica.com/>

Capex per HEI: 2016 (Rm)



Student enrolment

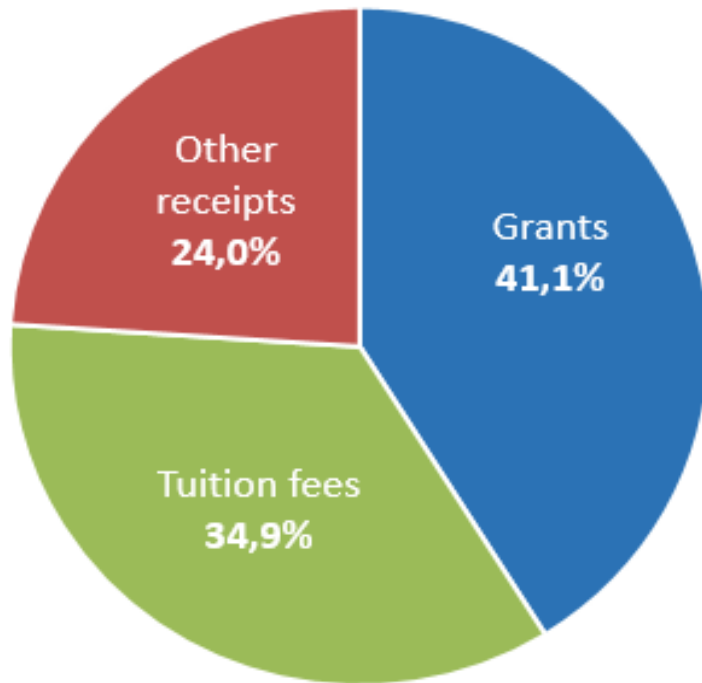


Student enrolment: 2012-2016

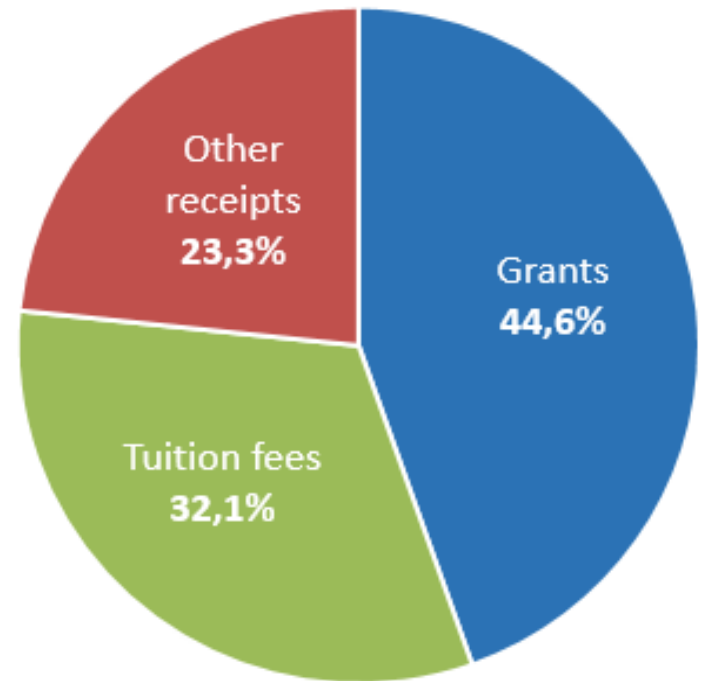
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HEIs revenue: 2015-2016



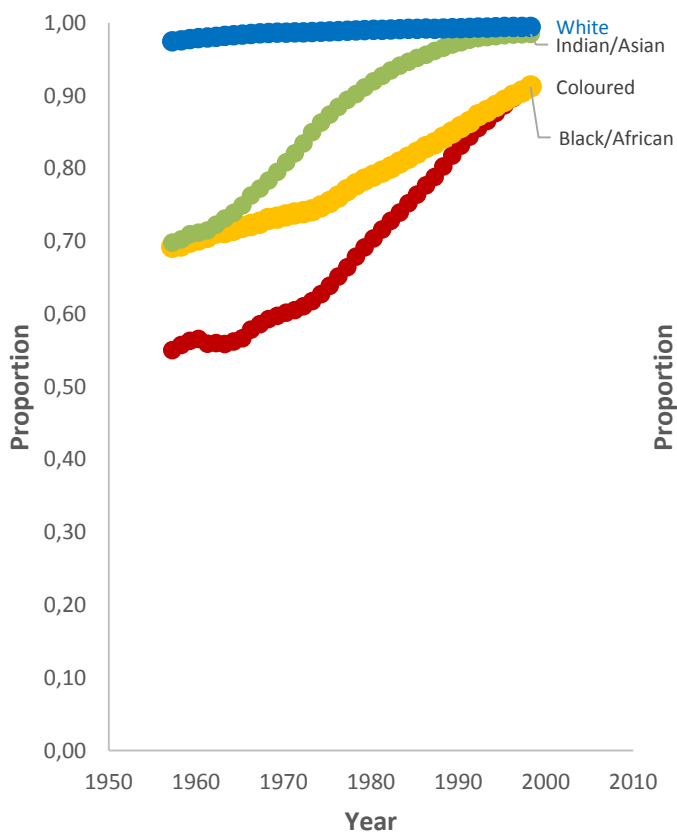
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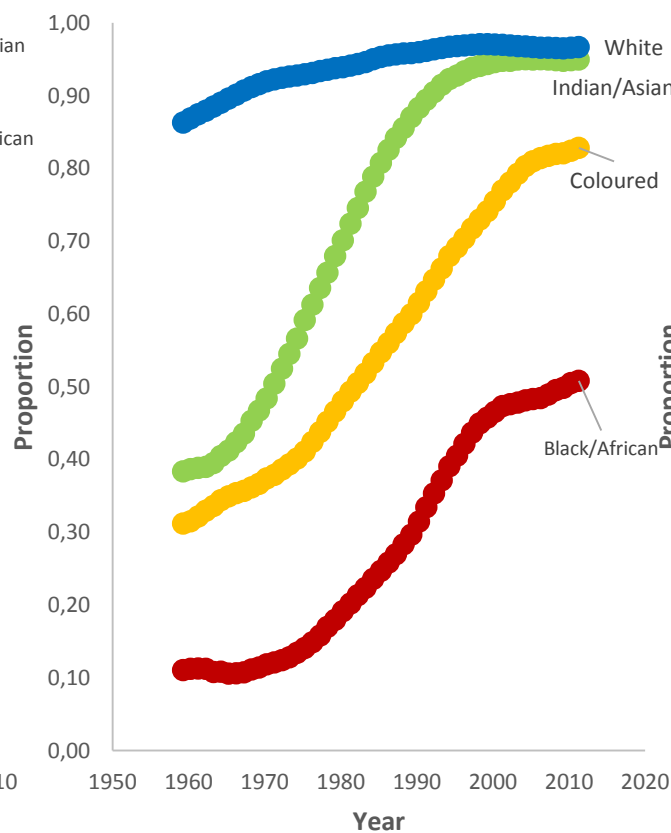
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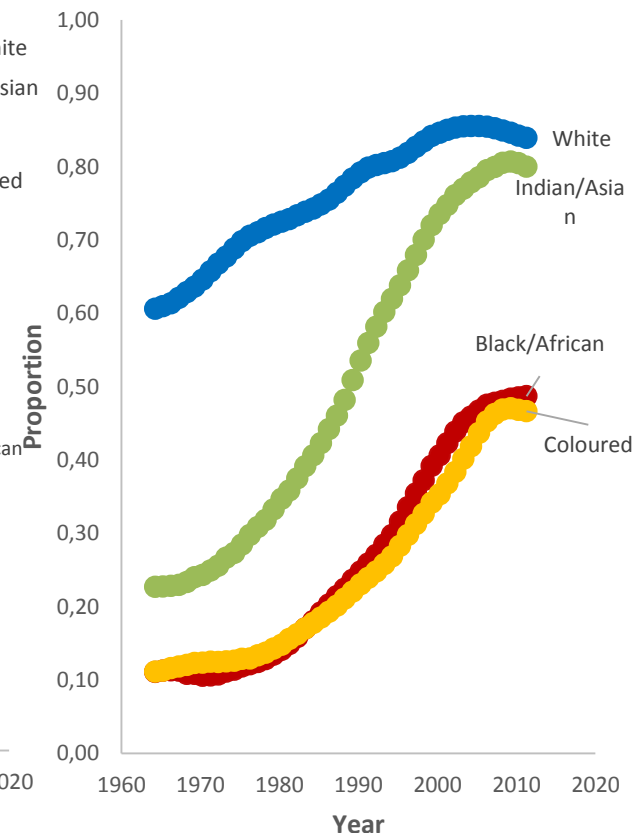
Progression ratios



Progression ratios of persons who **completed grade 7** after they completed grade 3 by population group, Census 2011

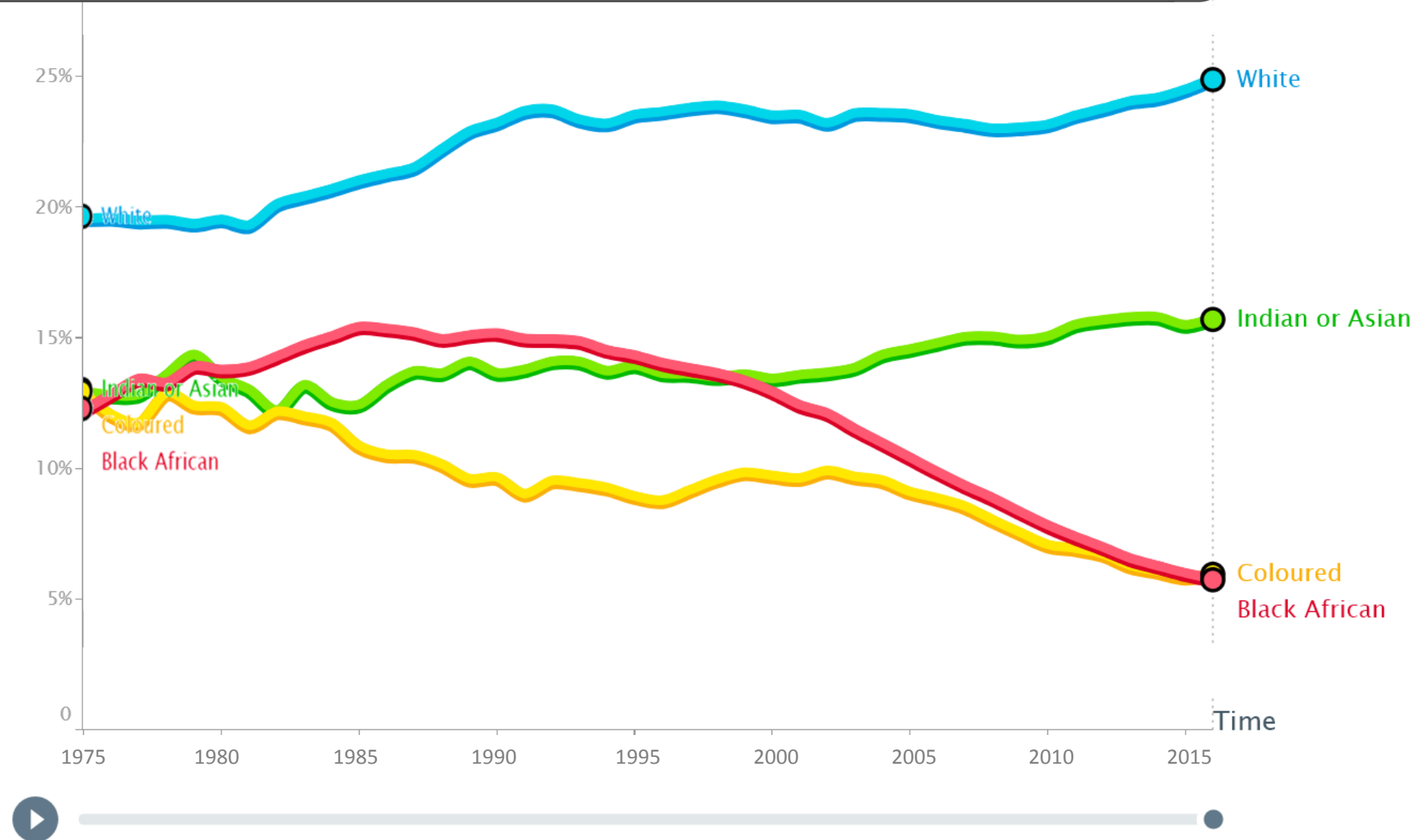


Progression ratios of persons who **completed grade 9** after they completed grade 3 by population group, Census 2011

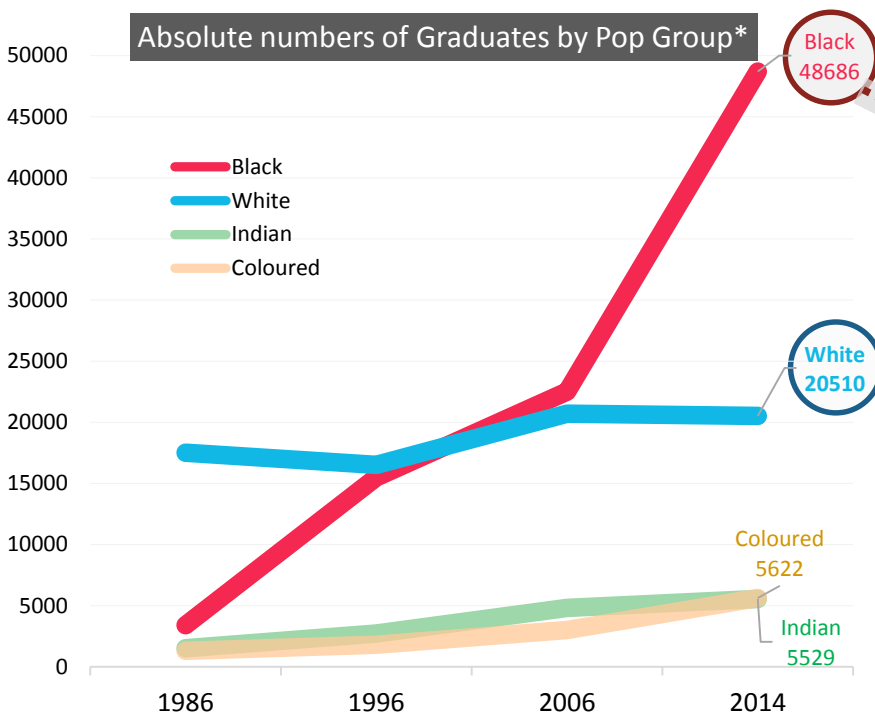


Progression ratios of persons who **completed grade 12** after completing Grade 3 by population group, Census 2011

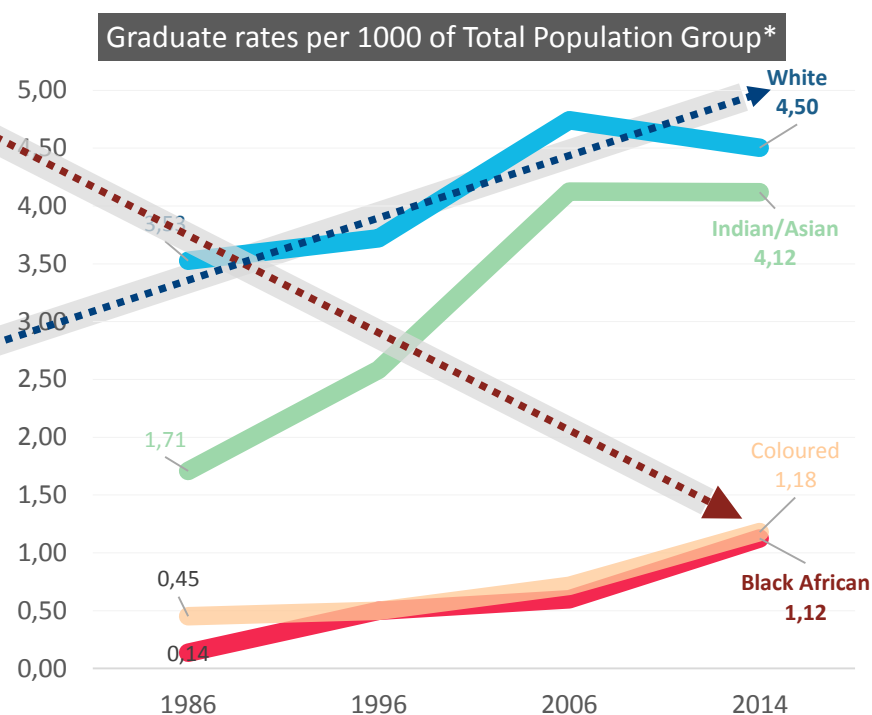
2016: Proportion of Matric Graduates who attain a bachelor degree



Absolute vs Proportions



Source: Adapted from HE Broekhuizen (Hemis Aggregate Figures)
Excludes undergraduate diplomas and certificates



Source: Adapted from HE Broekhuizen (Hemis Aggregate Figures) with addition of population estimates for time points Excludes undergraduate diplomas and certificates

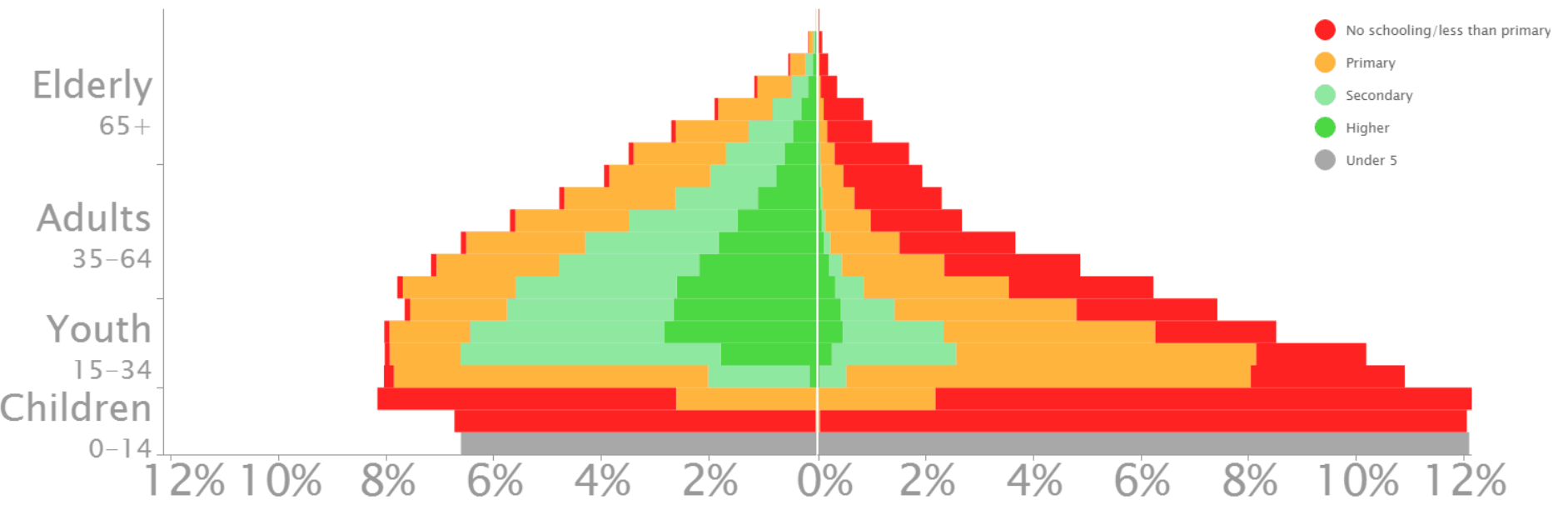
Educational Attainment (Proportions)

Population group differences

White Indian or Asian Coloured

White Black African

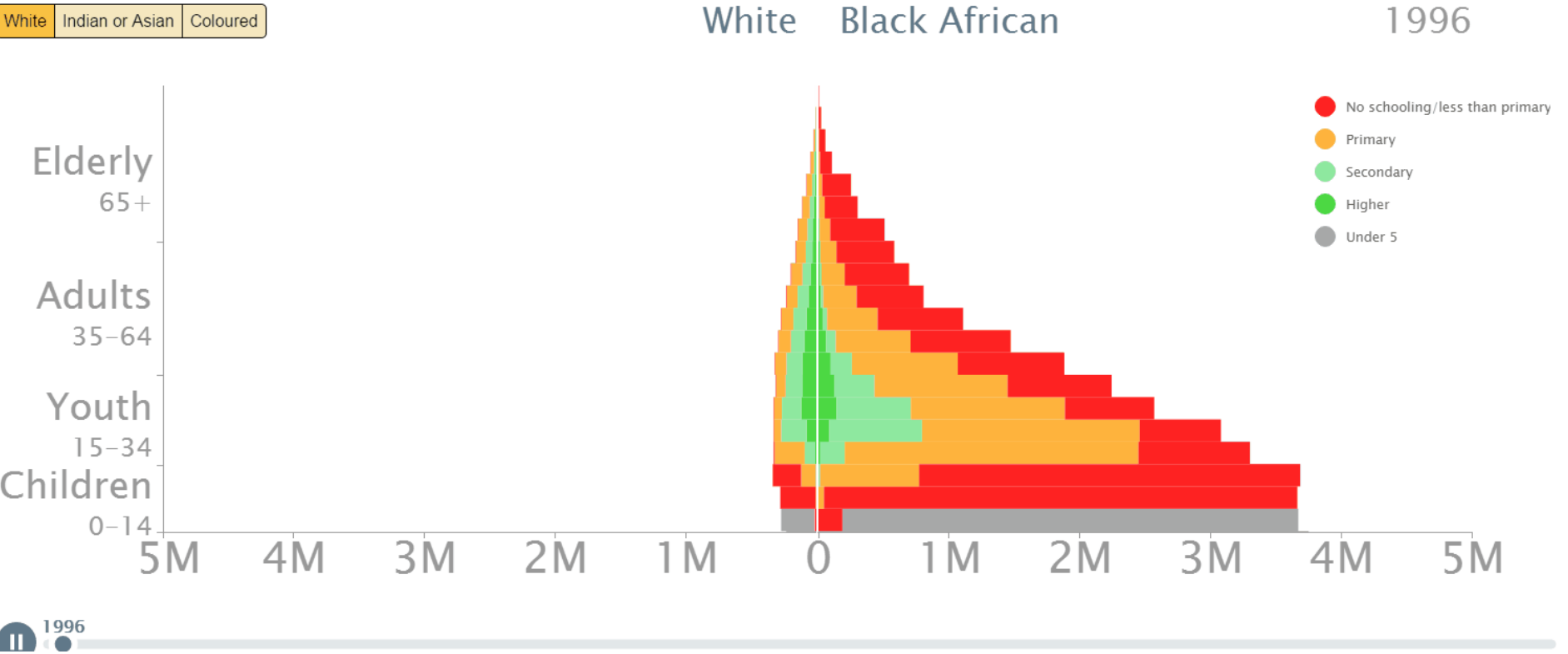
1996



Source: Community Survey 2016

Educational Attainment (Absolute Numbers)

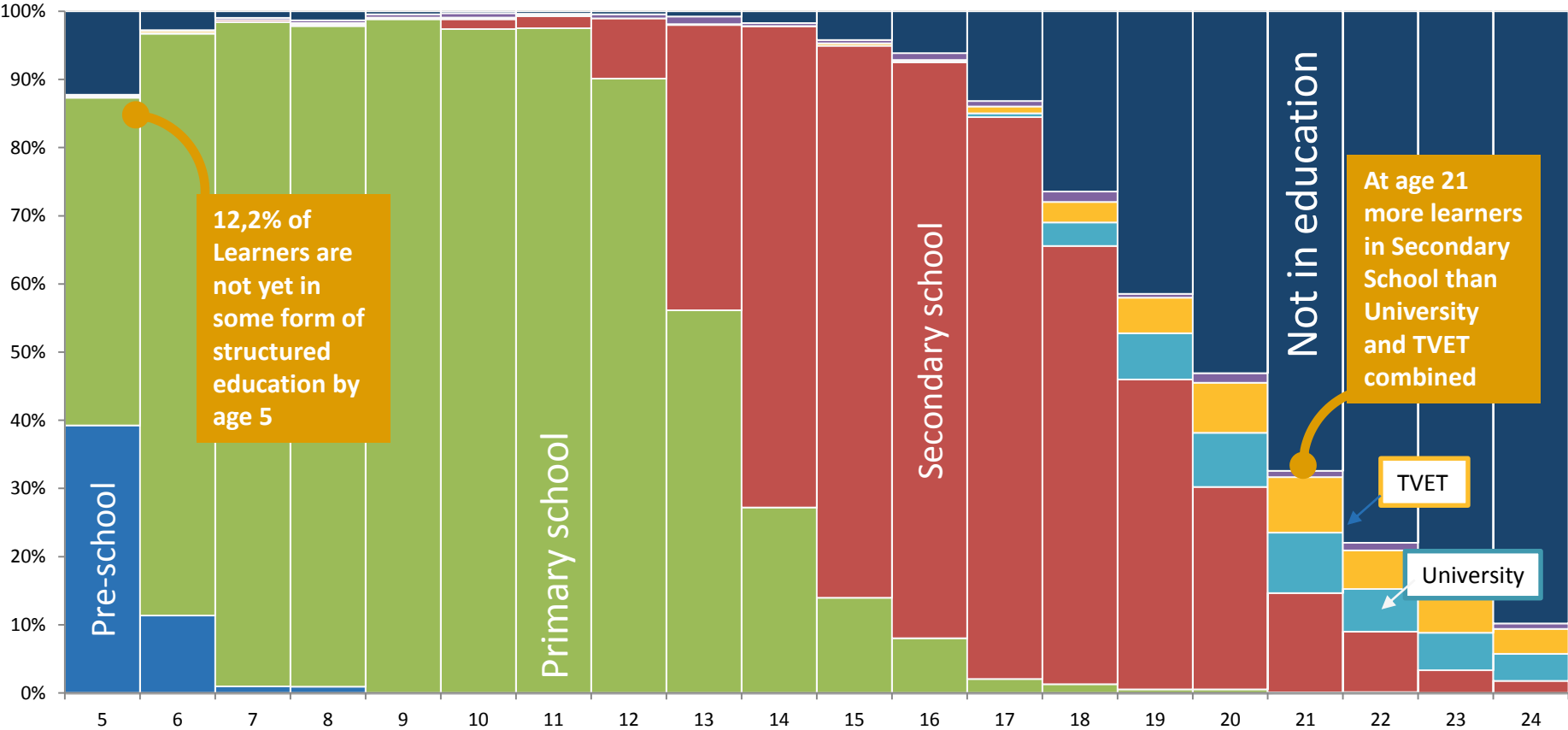
Absolute numbers of educational attainment



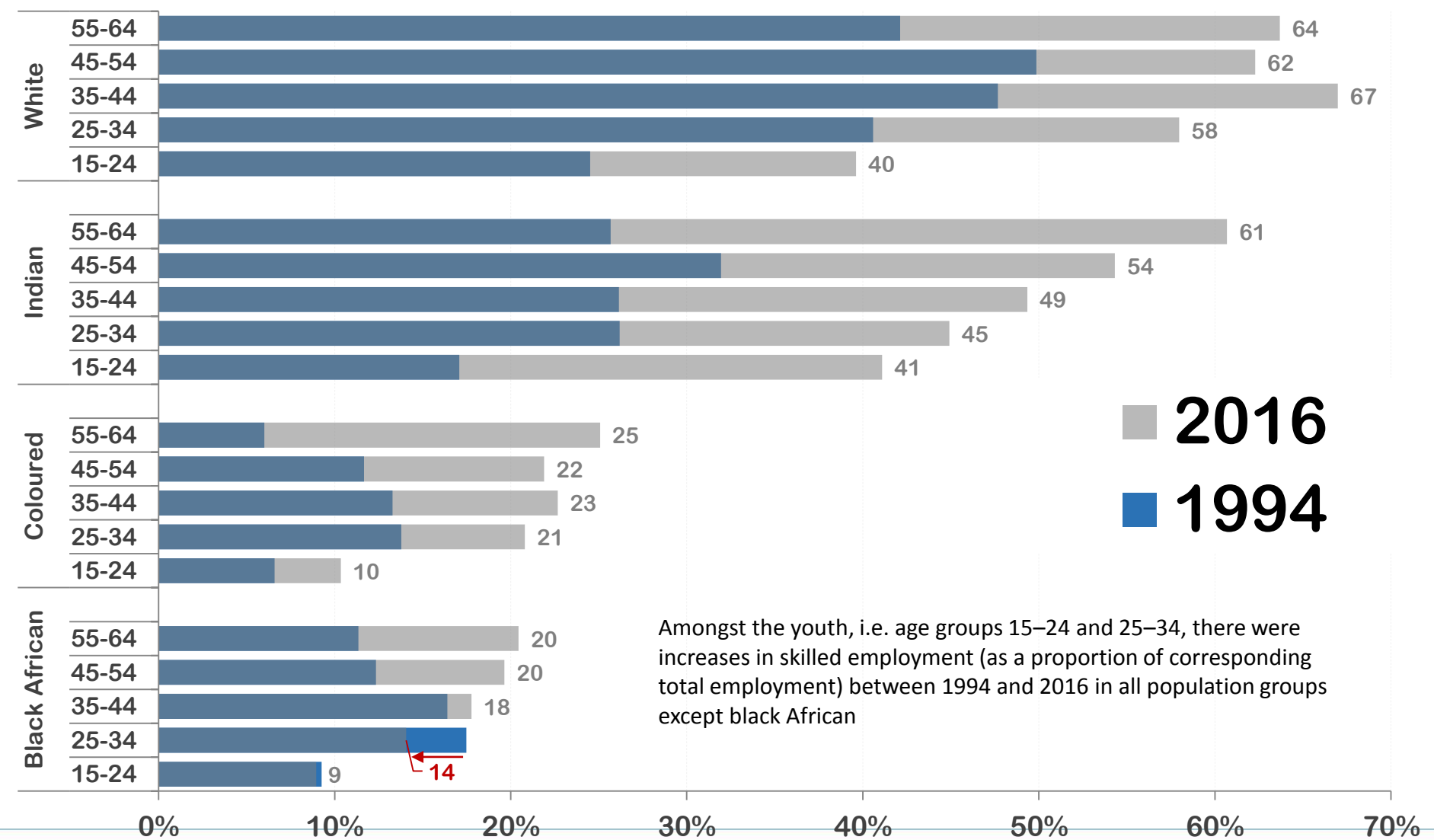
Source: Community Survey 2016

Percentage of those aged 5 – 24 years who attend educational institution, 2016

Almost universal school attendance in the age group 7–15 years. Noticeable representation of learners who are older than the ideal graduation age in primary and secondary schools.

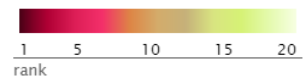


Skilled employment as a percentage of total employment within each population group, by age group (South Africa)

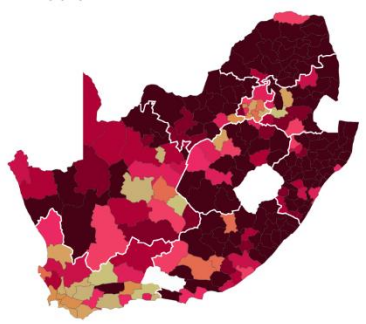


Amongst the youth, i.e. age groups 15–24 and 25–34, there were increases in skilled employment (as a proportion of corresponding total employment) between 1994 and 2016 in all population groups except black African

Perceived municipal challenges

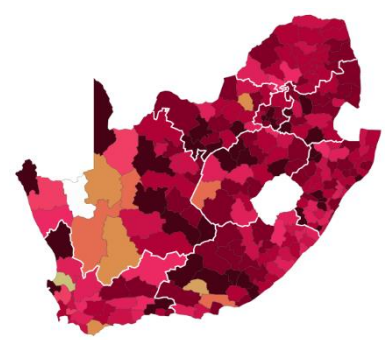


Rank #1



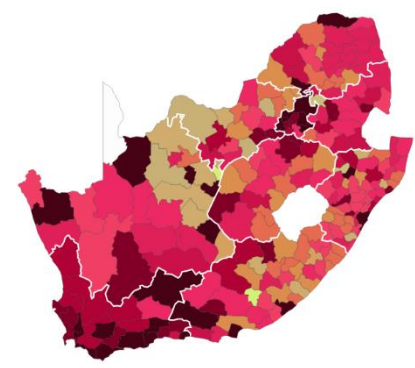
Access to reliable and safe water

Rank #2



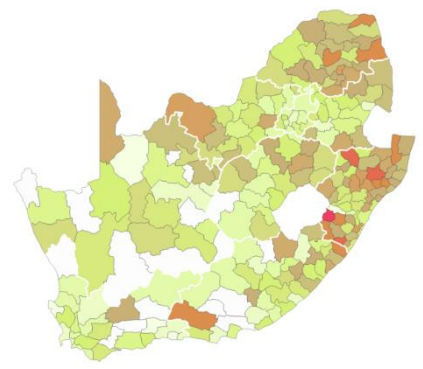
Lack of/ Inadequate employment opportunities

Rank #3



Cost of electricity

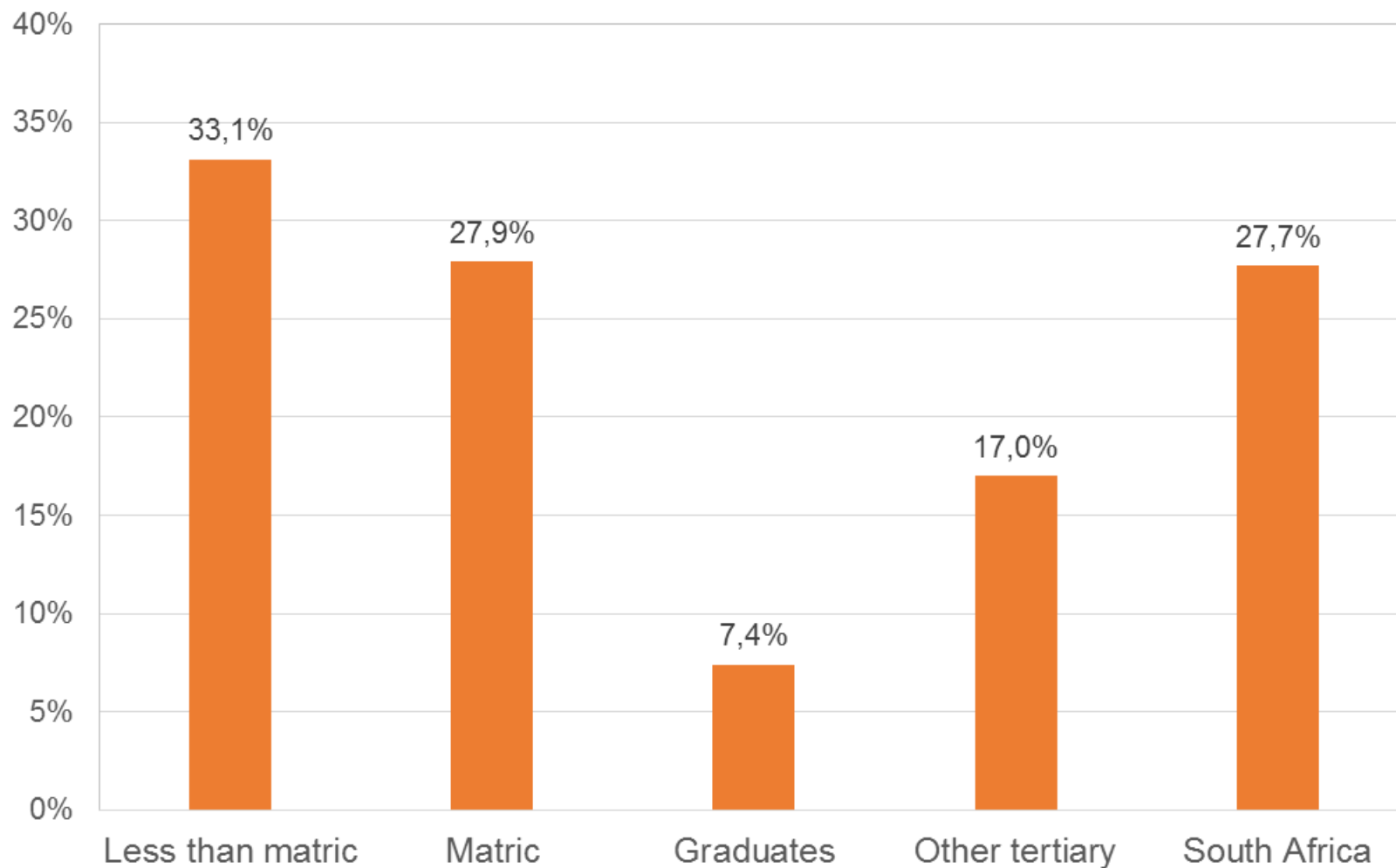
Rank #15



Lack of/ Inadequate educational facilities

Source: Community Survey 2016

Unemployment rate by education status (Q2: 2017)



Source: Stats SA, Quarterly Labour Force Survey, Q2: 2017



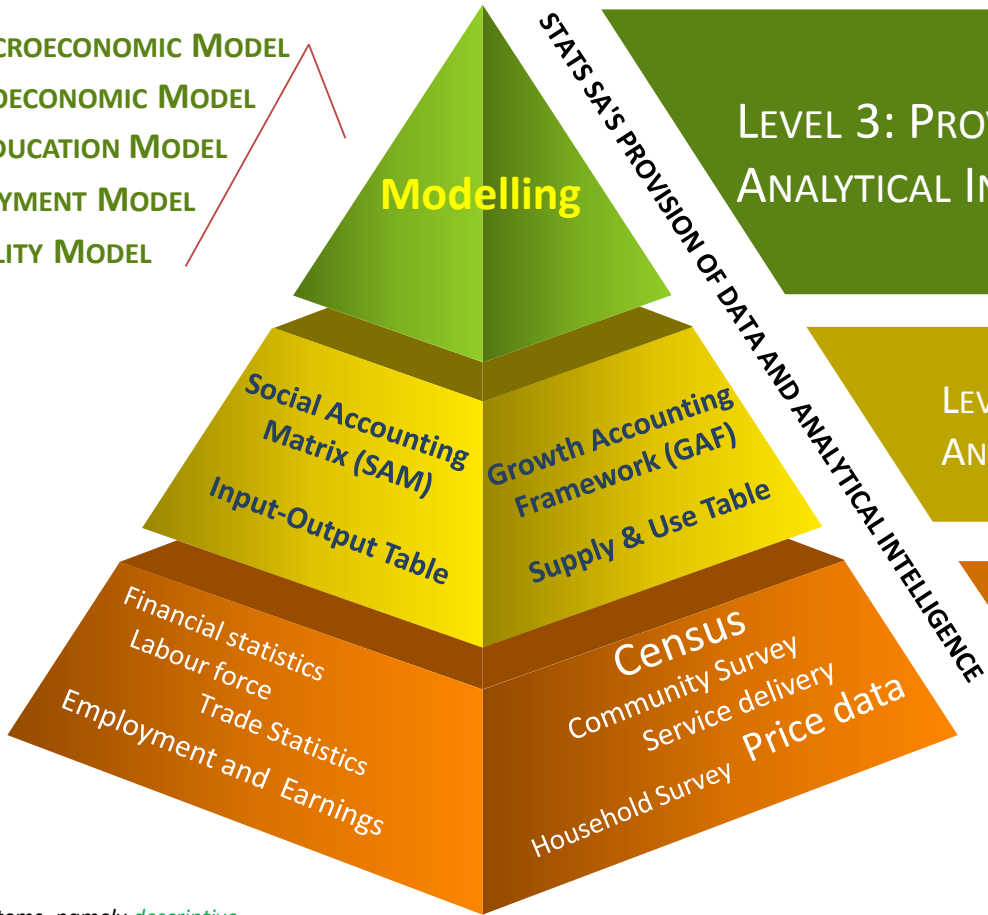
“

significant progress is possible and is within our reach as **we gain better handle on planning through the planning tools.**

Minister in the Presidency: Planning, Monitoring and Evaluation,
Mr Jeffrey Thamsanqa Radebe



LINKED NATIONAL-PROVINCIAL MACROECONOMIC MODEL
MULTI-SECTOR MACROECONOMIC MODEL
LINKED MACRO-EDUCATION MODEL
PUBLIC EMPLOYMENT MODEL
POVERTY-INEQUALITY MODEL



to plan we need 5 capabilities in our data systems, namely descriptive, diagnostic, predictive, prescriptive and adaptive capability.

Closing remarks

1. More HEI grants by national government contributed 44,6% to HEIs total revenue in 2016, increasing from 41,1% in 2015
2. Lesser tuition fees contributed 32,1% to HEIs total revenue in 2016, decreasing from 34,9% in 2015
3. Salaries: 57,2% of total current HEI expense for 2016 (58% in 2015)
4. Capital expenditure by HEIs amounted to R6,2 billion for 2016 (R6,3 billion in 2015)
5. The total number of students enrolled in HEIs decreased by 9 375 from 2015 to 2016
6. Graduates – inputs vs outputs
7. This publication only reports on the cash transactions of HEIs, adapted from the annual statements provided by the respondents

Information on HEI disaggregated tables available on the Stats SA website: <http://www.statssa.gov.za>



Thank you

Queries:

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Dr. Patrick Naidoo (patrickn@statssa.gov.za)

Ms. Elizabeth Makhafola (elizabethma@statssa.gov.za)