

Tanzania Data profile 2012

In the current study, data was received from seven of the eight public universities in Tanzania. The Open University of Tanzania did not submit a response. However, in SARUA's previous study (published in 2008), the Open University did submit data. This data (for the reference year 2007) had been incorporated in this profile to provide a more complete account of the public higher education sector in Tanzania.

Higher education landscape

Table 1: Number and type of higher education institutions

| Type of higher education institution | Number of institutions | Estimated percentage of students enrolled |
|-------------------------------------------------------|------------------------|-------------------------------------------|
| Publicly-funded universities | 8 | No data |
| Publicly-funded technical universities or colleges | 11 | No data |
| Privately-funded, accredited universities or colleges | 22 | No data |

Source: SARUA MoE questionnaire 2011

Table 2: Private higher education institutions

| Private higher education institutions | Estimated number of students enrolled |
|------------------------------------------------------------------------------|---------------------------------------|
| Aga Khan University-College-Tanzania Institute of Higher Education (AKU-THE) | 80 |
| Hebert Kairuki Memorial University (HKMU) | 450 |
| International Medical & Technology University (IMTU) | 820 |
| Iringa University | 3 200 |
| Kilimanjoro Christian University College | 840 |
| Makumira University College | 1 870 |
| Mount Meru University | 750 |
| Muslim University of Mogororo | 3 060 |
| Mwenge University College of Education | 1 430 |
| Ruaha University College | 1 460 |
| St Augustine University of Tanzania | 12 000 |
| St Johns University of Tanzania | 3 500 |
| St Joseph University in Tanzania | 1 600 |
| Sebastian Kolowa University College | 1 310 |
| Stefano Moshi Memorial University | 1 070 |
| Teofilokisanji University (TEKU) | 3 500 |
| Tmaini University Dar Es Salaam College (TUDARCO) | 1 770 |
| University of Arusha | 1 070 |
| University College of Education Zanzibar | 980 |
| Weil Bugando University | 710 |
| Zanzibar University | 1 300 |

Source: SARUA MoE questionnaire 2011

Table 3: Summary of higher education policy documents

| Higher education policy documents | Copy available |
|--------------------------------------------------------------------------------------|----------------|
| Higher Education Policy (1999) | No |
| Technical Education and Training Policy (1996) (Covering up to the diploma level) | No |
| Higher Education Development Programme (2010) | Yes |

Source: SARUA MoE questionnaire 2011

Enrolment patterns

Table 4: Student enrolment by mode of study and nationality

| Student category | Number of students |
|---------------------------------------------------------|--------------------|
| Contact students | 28 734 |
| Distance students | 5 176 |
| Full-time students | 26 426 |
| Part-time students | 25 733 |
| National citizens | 12 099 |
| SADC country citizens | 49 |
| Other international students (excluding SADC countries) | 302 |

Sources: SARUA university questionnaires 2008 and 2011

Table 5: Student enrolment by gender and major field of study

| Major field of study | Total number of students | Number of female students | Number of male students |
|-----------------------------------------------|--------------------------|---------------------------|-------------------------|
| Agriculture | 855 | 220 | 635 |
| Business, Management and Law | 13 426 | 5 889 | 7 537 |
| Education | 13 634 | 5 196 | 8 438 |
| Health Sciences | 2 574 | 743 | 1 831 |
| Humanities and Social Sciences | 12 715 | 6 333 | 6 382 |
| Science, Engineering and Technology | 8 883 | 2 340 | 6 543 |
| Enrolment in various degrees and certificates | 636 | 218 | 418 |

Sources: SARUA university questionnaires 2008 and 2011

Table 6: Student enrolment by major field of study and level of study

| Major field of study | Number of students enrolled per level of study | | | | | |
|----------------------------------------|------------------------------------------------|---------------------------|---------|----------|-------------------|-------------------------------|
| | Undergraduate | Postgraduate < Masters | Masters | Doctoral | Post- doctoral | Other (e.g. short courses) |
| Agriculture | 640 | 0 | 101 | 10 | 0 | 0 |
| Business, Management and Law | 9 935 | 1 035 | 2 528 | 24 | 0 | 0 |
| Education | 14 569 | 61 | 96 | 1 | 0 | 0 |
| Health Sciences | 1 628 | 0 | 302 | 4 | 1 | 0 |
| Humanities and Social Sciences | 11 596 | 877 | 599 | 16 | 0 | 0 |
| Science, Engineering and Technology | 7 852 | 607 | 202 | 44 | 0 | 0 |

Sources: SARUA university questionnaires 2008 and 2011

Table 7: Demand for higher education

| | Number of students |
|----------------------------------------------------------------------------|--------------------|
| Number of applications received for undergraduate study | 29 917 |
| Number of applicants who met admissions criteria but could not be accepted | 23 305 |
| Number of new first-year undergraduate students | 16 796 |
| Number of applications for postgraduate study | 9 111 |
| Number of new postgraduate students admitted | 4 155 |

Sources: SARUA university questionnaires 2011

Qualifications/Graduation data

Table 8: Number of qualifications awarded per field of study and level of study

| Major field of study | Number of qualifications awarded per level of study | | | | |
|-------------------------------------|-----------------------------------------------------|------------------------|---------|----------|---------------|
| | Undergraduate | Postgraduate < Masters | Masters | Doctoral | Post-doctoral |
| Agriculture | 700 | 0 | 86 | 4 | 0 |
| Business, Management and Law | 586 | 4 | 1612 | 7 | 0 |
| Education | 534 | 45 | 78 | 0 | 0 |
| Health Sciences | 809 | 3 | 104 | 3 | 0 |
| Humanities and Social Sciences | 2193 | 9 | 285 | 14 | 0 |
| Science, Engineering and Technology | 1 379 | 35 | 228 | 1 | 0 |
| Other | 92 | 0 | 11 | 0 | 383 |

Sources: SARUA university questionnaires 2008 and 2011

Table 9: Number of qualifications per qualification level, gender and field of study

| Field of study | Gender of student | Number of qualifications awarded per qualification level | | | | |
|-------------------------------------|-------------------|----------------------------------------------------------|------------------------|---------|----------|----------------------------|
| | | Undergraduate | Postgraduate < Masters | Masters | Doctoral | Other (e.g. short courses) |
| Agriculture | Female | 0 | 0 | 20 | 4 | 0 |
| | Male | 0 | 0 | 81 | 6 | 0 |
| Business, Management and Law | Female | 941 | 0 | 697 | 0 | 0 |
| | Male | 1 350 | 0 | 792 | 6 | 0 |
| Education | Female | 396 | 16 | 22 | 0 | 0 |
| | Male | 987 | 29 | 61 | 0 | 0 |
| Health Sciences | Female | 76 | 0 | 33 | 3 | 0 |
| | Male | 206 | 0 | 57 | 1 | 0 |
| Humanities and Social Sciences | Female | 985 | 0 | 65 | 2 | 0 |
| | Male | 1195 | 0 | 122 | 4 | 0 |
| Science, Engineering and Technology | Female | 225 | 1 | 7 | 0 | 0 |
| | Male | 773 | 10 | 32 | 0 | 0 |
| Other | Female | 0 | 0 | 7 | 0 | 0 |
| | Male | 0 | 0 | 21 | 0 | 0 |

Sources: SARUA university questionnaires 2011. No data available for the Open University of Tanzania

Higher education funding

Table 10: Percentage of national budget allocated to education

No data.

Table 11: Percentage of national education budget allocated to higher education

No data.

Table 12: Universities' sources of funding sources

| Sources of Funding | Percentage of total funding/income |
|---------------------------------------------------|------------------------------------|
| Student fees | 36.47 |
| Government subsidy/grants | 47.40 |
| Donations – private individuals/trusts | 0 |
| Donations – private sector/businesses/corporation | 33 |
| Donations – international funders/donors | 0.20 |
| Loans | 2.97 |
| Other (no specification provided) | 2.97 |
| Other (no specification provided) | 6.30 |

Sources: SARUA university questionnaires 2011

Table 13: Universities' spending patterns

| Spending areas | Percentage allocation of institutional budgets |
|--------------------------------------|------------------------------------------------|
| Salaries (academic staff) | 30 |
| Salaries (support services) | 13 |
| Salaries (management) | 1 |
| Student financial support | 31 |
| Institutional operational costs | 29 |
| Research | 40 |
| Community service-related activities | 2 |
| Other (no specification provided) | 6 |

Sources: SARUA university questionnaires 2011

Table 14: Sources of research funding

No data.

Table 15: Average tuition costs (US\$)

| | Local | Other SADC | Other foreign |
|-------------------------------------|----------|------------|---------------|
| Undergraduate: | | | |
| Agriculture | 0 | 0 | 0 |
| Business, Management and Law | 812 | 1 200 | 2 003 |
| Education | 684 | 750 | 1 457.50 |
| Health Sciences | 994 | 3 000 | 3 000 |
| Humanities and Social Sciences | 641 | 850 | 1 267 |
| Science, Engineering and Technology | 802 | 1 500 | 1 500 |
| Postgraduate: | | | |
| Agriculture | 0 | 0 | 0 |
| Business, Management and Law | 2 010 | 1 500 | 1 500 |
| Education | 1 668 | 1 500 | 1 500 |
| Health Sciences | 1 635 | 1 500 | 1 500 |
| Humanities and Social Sciences | 1 882 | 1 500 | 1 500 |
| Science, Engineering and Technology | No data* | 2 800 | 2 800 |

Sources: SARUA university questionnaires 2011

*This data point was removed as the amount was clearly inaccurate (US\$40 048) and could not be verified.

Table 16: Average amounts of additional student payments (US\$)

| | Local | Other SADC | Other foreign |
|--------------------|-------|------------|---------------|
| Application fee | 7 | No data | 36 |
| Registration fee | 4 | 10 | 80 |
| International levy | 0 | No data | |
| Examination levy | 8 | No data | 93 |
| Other | 31 | No data | 97 |
| Other | 3 | No data | 4 |
| Other | 1.5 | No data | 4 |

Sources: SARUA university questionnaires 2011

Table 17: Student financial aid

| | |
|------------------------------------------------|----|
| Percentage of students receiving financial aid | 87 |
| Percentage of students with student debt | 66 |

Sources: SARUA university questionnaires 2011

Staffing

Table 18: Number of staff by nationality and type of post

| Staffing categories | Nationality | Number of staff |
|-------------------------------------|---------------------|-----------------|
| Academic and research staff | National citizens | 3 884 |
| | SADC citizens | 5 |
| | Other international | 69 |
| Management and administrative staff | National citizens | 3 542 |
| | SADC citizens | 0 |
| | Other international | 0 |

Sources: SARUA university questionnaires 2008 and 2011

Table 19: Staff employment status and gender

| Staffing categories | Employment status | Number of female staff members | Number of male staff members |
|-------------------------------------|--------------------|--------------------------------|------------------------------|
| Academic and research staff | Permanent | 859 | 2709 |
| | Contract/temporary | 25 | 163 |
| Management and administrative staff | Permanent | 1 250 | 1 716 |
| | Contract/temporary | 93 | 214 |

Sources: SARUA university questionnaires 2011

Note: No data was available for the Open University of Tanzania

Table 20: Staff by employment status and gender

| Staffing categories | Employment status | Number of female staff members | Number of male staff members |
|-------------------------------------|-------------------|--------------------------------|------------------------------|
| Academic and research Staff | Full-time | 884 | 2872 |
| | Part-time | 5 | 59 |
| Management and administrative staff | Full-time | 1266 | 1773 |
| | Part-time | 0 | 0 |

Sources: SARUA university questionnaires 2011

Note: No data was available for the Open University of Tanzania

Table 21: Staff by major field of study and gender

| Staff category | Major field of study | Number of female staff members | Number male staff members |
|-------------------------------------|-------------------------------------|--------------------------------|---------------------------|
| Academic and research Staff | Agriculture | 42 | 135 |
| | Business, Management and Law | 85 | 300 |
| | Education | 46 | 109 |
| | Health Sciences | 82 | 275 |
| | Humanities and Social Sciences | 124 | 298 |
| | Science, Engineering and Technology | 103 | 463 |
| Management and administrative staff | Agriculture | 228 | 903 |
| | Business, Management and Law | 140 | 193 |
| | Education | 33 | 37 |
| | Health Sciences | 215 | 255 |
| | Humanities and Social Sciences | 150 | 124 |
| | Science, Engineering and Technology | 56 | 200 |
| | Other | 903 | 900 |

Sources: SARUA university questionnaires 2008 and 2011

Table 22: Highest level of qualification for academic and research staff

| Major field of study | Number of academic and research staff with this as their highest qualification | | | | |
|-------------------------------------|--------------------------------------------------------------------------------|------------------------|---------|----------|----------------------------|
| | Undergraduate | Postgraduate < Masters | Masters | Doctoral | Other (e.g. short courses) |
| Agriculture | 22 | 0 | 51 | 103 | 0 |
| Business, Management and Law | 88 | 21 | 201 | 155 | 6 |
| Education | 70 | 0 | 62 | 18 | 0 |
| Health Sciences | 60 | 0 | 174 | 339 | 0 |
| Humanities and Social Sciences | 117 | 0 | 336 | 608 | 0 |
| Science, Engineering and Technology | 234 | 0 | 257 | 435 | 0 |
| Other | 4 | 0 | 10 | 5 | 0 |

Sources: SARUA university questionnaires 2011

Research output

Table 23: Research output

| Category of research output | 2008 | 2009 | 2010 |
|------------------------------------------------------------|------|------|------|
| Peer-reviewed journal articles | 277 | 280 | 260 |
| Peer-reviewed books | 11 | 12 | 17 |
| Peer-reviewed book chapters | 6 | 11 | 11 |
| Patents | 2 | 2 | 4 |
| Other: Workshops and seminar presentations, dissertations) | 258 | 234 | 249 |

Sources: SARUA university questionnaires 2011

Note: No data was available for the Open University of Tanzania