Appendix B Sub-Saharan Africa : THE's methodology, THE rankings, and other Sub-Saharan rankings.

Figure 1: Sub-Saharan Africa methodology

There are five Pillars and 24 metrics. Each Pillar is worth 20 points and no indicator contributes more than seven points to the total. 65 percent of the responses come from the institutions, 21 percent from a student survey, and 14 percent from Elsevier bibliometric data.

Pillar	Metric name	weight
Resources and finances	Faculty-to-student ratio	3
	Finance per student	3
	Funding sources	3
	Continuous professional development	4
	Mental health counselling	4
	Facilities	3
Access and fairness	Low-income students receiving financial aid	4
	Proportion of first-generation students	3
	Proportion of female graduates	4
	Affordability	3
	Disability support services	3
	Accessible facilities	3
Teaching skills	Experiential learning	4
	Practical courses	4
	Career guidance	4
	Employability	4
	Course quality	4
Student engagement	University elected representation	5
	Students' union	5
	Teaching Engagement	5
	Interaction with peers and faculty	5
Africa Impact	African research citations	7
	African research co-authorship	7
	Policy- and lawmakers outreach and education	6

https://www.timeshighereducation.com/world-university-rankings/sub-saharan-africa-university-rankings-2023-methodology-0

The methodology differs from the methodology for the World rankings, shown in Appendix A and from other regional rankings, such as the customized Japan University rankings focusing on student success.

Research, part of Africa Impact, is a small component of these rankings. The top five universities in this pillar come from Uganda, Rwanda, Tanzania, Botswana, and Zambia. Using SciVal data, the top five universities for overall scholarly output come from South Africa.

RANKING SOURCES - Sub-Saharan universities in other rankings

There is still limited coverage overall for Sub-Saharan universities. It is useful to look at more than one ranking since the different rankings use different indicators. These universities are in at least three other selected rankings and are listed in order of the number of rankings in which they appear.

Table 57. 3 : Top Ten Ranked South-Saharan universities in multiple rankings

	THE South Saharan		THE World	QS World	US News Global	RUR	Scimago	Nature	CWTS Leiden
1	U of the Witwatersrand *	ZAF	2	2	2	4	3	2	3
2	U of Johannesburg	ZAF	4	4	6	3	6	5	6
4	U of Pretoria *	ZAF	5	5	7	6	4	8	5
ns	U of KwaZulu-Natal *	ZAF	5	6	5	2	5	3	1
	U Cape town *	ZAF	1	1	1	1	1	1	2
	Stellenbosch U *	ZAF	2	3	3	5	2	4	4
5	Makere U *	UGA	9		9	8	9	6	
	North-West U	ZAF	y	7	8		7		7
6	U of the Western Cape	ZAF	7				10		
12	U of South Africa	ZAF	y	9		7			10
ns	U Addis Ababa *	ETH		8	10			10	
7	Covenant U	NGA	9						
	U of the Free State	ZAF	y					9	8
36	U Ibadan *	NGA	9		4				

NOTE: * is a member of ARUA   https://arua.org.za/member-universities/

Question: What Sub-Saharan university is number one in "New Media Impact"?
https://roundranking.com/ranking/indicator_ranking.html#reputation-outside-region_SO-2023

Selected Comprehensive Rankings:

Webometrics is most inclusive covering all types of tertiary institutions. It has a Sub-Saharan region category with 1399 institutions. Read the methodology before interpreting the rankings. Categories include Impact, Openness, and Excellence.

Methodology: https://www.webometrics.info/en/Methodology

Ranking: https://www.webometrics.info/en/Ranking_africa/Sub_saharan_Africa

Simago Institutions Ranking has 132 Sub-Saharan universities in Africa. Download the list .
Methodology: https://www.scimagoir.com/methodology.php
Ranking: https://www.scimagoir.com/rankings.php?sector=Higher+educ.&country=Africa

US News Global has 40 sub-Saharan universities out of 70 in Africa. In addition to bibliometrics, it includes reputation and collaboration; https://www.usnews.com/education/best-global-universities/africa

RUR Round University Rankings has limited coverage of South-Saharan universities. A positive feature is including a ranking for each indicator. It also is an example of a product that uses both a ranking and a rating .https://roundranking.com/ranking/world-university-rankings.html#world-2023
Methodology: https://roundranking.com/methodology/methodology.html

It answers the question: What Sub-Saharan university is number one in New Media Impact?
https://roundranking.com/ranking/indicator_ranking.html#reputation-outside-region_SO-2023

Selected Bibliometric Rankings

Nature Annual Indexes publishes tables based on counts of high-quality research outputs in the previous calendar year. For 2023, it lists the top two hundred for all of Africa and individual scores for each country that is covered . https://www.nature.com/nature-index/annual-tables/2023/institution/academic/all/regions-Africa

CWTS Leiden has limited rankings, 19 Sub-Saharan out of 39 all Africa. It has rankings of African universities for Open Access, Collaboration, and percent of Female/Male authors.
https://www.leidenranking.com/ranking/2023/list

Shanghai (ARWU) has limited coverage for all of Africa.
 https://www.shanghairanking.com/rankings/arwu/2021

Research data are also available in proprietary sources such as SciVal, Clarivate's Insights, and subscription Dimensions.