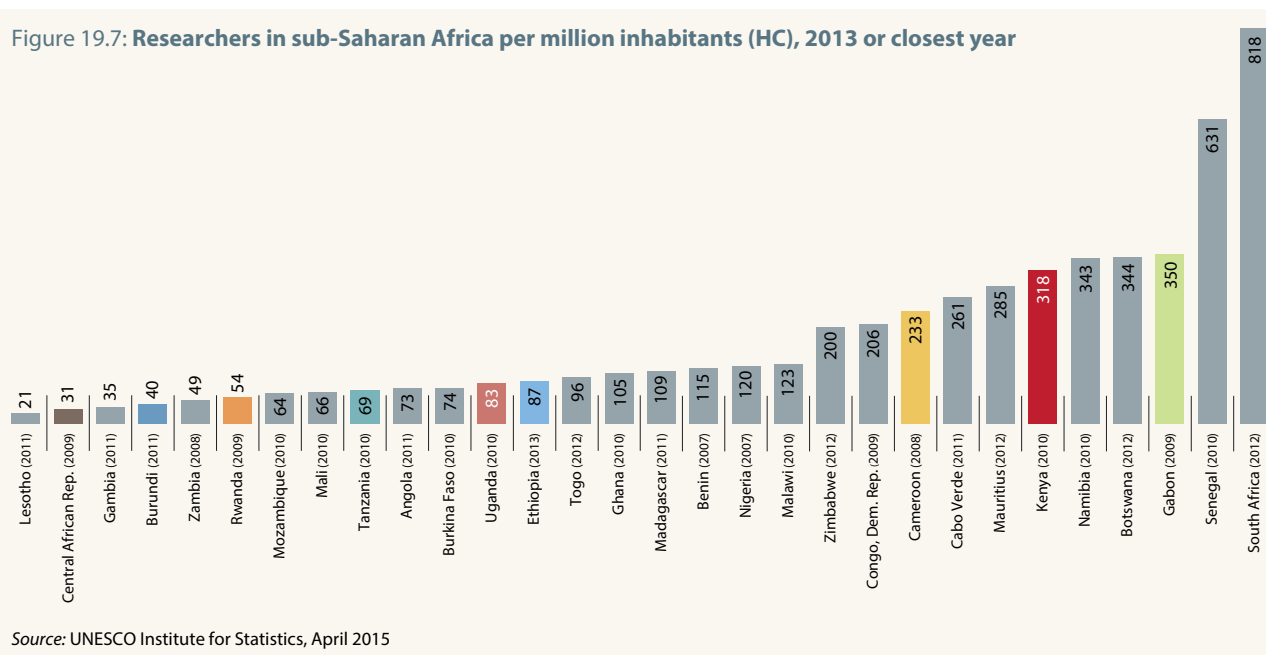


Figure 19.7: Researchers in sub-Saharan Africa per million inhabitants (HC), 2013 or closest year



Source: UNESCO Institute for Statistics, April 2015

Table 19.5: GERD in sub-Saharan Africa, 2011

	GERD (% of GDP)	GERD per capita (current PPP\$)	GERD per researcher (HC) in current PPP\$ thousands	GERD by source of funds (%), 2011*				
				Business	Government	Higher education	Private non-profit	Abroad
Botswana	0.26 <sup>+2</sup>	37.8 <sup>+2</sup>	109.6 <sup>+2</sup>	5.8 <sup>+2</sup>	73.9 <sup>+2</sup>	12.6 <sup>+2</sup>	0.7 <sup>+2</sup>	6.8 <sup>+2</sup>
Burkina Faso	0.20 <sup>-2</sup>	2.6 <sup>-2</sup>	-	11.9 <sup>-2</sup>	9.1 <sup>-2</sup>	12.2 <sup>-2</sup>	1.3 <sup>-2</sup>	59.6 <sup>-2</sup>
Burundi	0.12	0.8	22.3	-	59.9 <sup>-3</sup>	0.2 <sup>-3</sup>	-	39.9 <sup>-3</sup>
Cabo Verde	0.07	4.5	17.3	-	100	-	-	-
Congo, Dem. Rep.	0.08 <sup>-2</sup>	0.5 <sup>-2</sup>	2.3 <sup>-2</sup>	-	100	-	-	-
Ethiopia	0.61 <sup>+2</sup>	8.3 <sup>+2</sup>	95.3 <sup>+2</sup>	0.7 <sup>+2</sup>	79.1 <sup>+2</sup>	1.8 <sup>+2</sup>	0.2 <sup>+2</sup>	2.1 <sup>+2</sup>
Gabon	0.58 <sup>-2</sup>	90.4 <sup>-2</sup>	258.6 <sup>-2</sup>	29.3 <sup>-2</sup>	58.1 <sup>-2</sup>	9.5 <sup>-2</sup>	-	3.1 <sup>-2</sup>
Gambia	0.13	2.0	59.1	-	38.5	-	45.6	15.9
Ghana	0.38 <sup>-1</sup>	11.3 <sup>-1</sup>	108.0 <sup>-1</sup>	0.1 <sup>-1</sup>	68.3 <sup>-1</sup>	0.3 <sup>-1</sup>	0.1 <sup>-1</sup>	31.2 <sup>-1</sup>
Kenya	0.79 <sup>-1</sup>	19.8 <sup>-1</sup>	62.1 <sup>-1</sup>	4.3 <sup>-1</sup>	26.0 <sup>-1</sup>	19.0 <sup>-1</sup>	3.5 <sup>-1</sup>	47.1 <sup>-1</sup>
Lesotho	0.01	0.3	14.3	-	-	44.7	-	3.4
Madagascar	0.11	1.5	13.3	-	100.0	-	-	-
Malawi	1.06 <sup>-1</sup>	7.8 <sup>-1</sup>	-	-	-	-	-	-
Mali	0.66 <sup>-1</sup>	10.8 <sup>-1</sup>	168.1 <sup>-1</sup>	-	91.2 <sup>-2</sup>	-	-	8.8 <sup>-1</sup>
Mauritius	0.18 <sup>+1</sup>	31.1 <sup>+1</sup>	109.3 <sup>+1</sup>	0.3 <sup>+1</sup>	72.4 <sup>+1</sup>	20.7 <sup>+1</sup>	0.1 <sup>+1</sup>	6.4 <sup>+1</sup>
Mozambique	0.46 <sup>-1</sup>	4.0 <sup>-1</sup>	60.6 <sup>-1</sup>	-	18.8 <sup>-1</sup>	-	3.0 <sup>-1</sup>	78.1 <sup>-1</sup>
Namibia	0.14 <sup>-1</sup>	11.8 <sup>-1</sup>	34.4 <sup>-1</sup>	19.8 <sup>-1</sup>	78.6 <sup>-1</sup>	-	-	1.5 <sup>-1</sup>
Nigeria	0.22 <sup>-4</sup>	9.4 <sup>-4</sup>	78.1 <sup>-4</sup>	0.2 <sup>-4</sup>	96.4 <sup>-4</sup>	0.1 <sup>-4</sup>	1.7 <sup>-4</sup>	1.0 <sup>-4</sup>
Senegal	0.54 <sup>-1</sup>	11.6 <sup>-1</sup>	18.3 <sup>-1</sup>	4.1 <sup>-1</sup>	47.6 <sup>-1</sup>	0.0 <sup>-1</sup>	3.2 <sup>-1</sup>	40.5 <sup>-1</sup>
Seychelles	0.30 <sup>-6</sup>	46.7 <sup>-6</sup>	290.8 <sup>-6</sup>	-	-	-	-	-
South Africa	0.73 <sup>+1</sup>	93.0 <sup>+1</sup>	113.7 <sup>+1</sup>	38.3 <sup>+1</sup>	45.4 <sup>+1</sup>	0.8 <sup>+1</sup>	2.5 <sup>+1</sup>	13.1 <sup>+1</sup>
Tanzania	0.52 <sup>-1</sup>	7.6 <sup>-1</sup>	110.0 <sup>-1</sup>	0.1 <sup>-1</sup>	57.5 <sup>-1</sup>	0.3 <sup>-1</sup>	0.1 <sup>-1</sup>	42.0 <sup>-1</sup>
Togo	0.22 <sup>+1</sup>	3.0 <sup>+1</sup>	30.7 <sup>+1</sup>	-	84.9 <sup>+1</sup>	0.0 <sup>+1</sup>	3.1 <sup>+1</sup>	12.1 <sup>+1</sup>
Uganda	0.48 <sup>-1</sup>	7.1 <sup>-1</sup>	85.2 <sup>-1</sup>	13.7 <sup>-1</sup>	21.9 <sup>-1</sup>	1.0 <sup>-1</sup>	6.0 <sup>-1</sup>	57.3 <sup>-1</sup>
Zambia	0.34 <sup>-3</sup>	8.5 <sup>-3</sup>	172.1 <sup>-3</sup>	-	-	-	-	-

-n/+n: data refer to n years before or after reference year

\*Whenever data do not add up to 100% for this indicator, it is because part of the data remain unattributed.

Note: Data are missing for some countries.

 Source: UNESCO Institute for Statistics, April 2015; for Malawi: UNESCO (2014) *Mapping Research and Innovation in the Republic of Malawi* (p. 57)