

Widening Participation in Higher Education in Ghana and Tanzania: Developing an Equity Scorecard

An ESRC/DfID Poverty Reduction Programme funded Research Project

Equity Scorecards on Access to Higher Education Tanzanian Private University



January 2010

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Glossary of terms used in the Equity Scorecards:

Level:

Level refers to the year of study. For example, Level 100 means the first year of the programme, Level 200 the second year.

Low SES students:

Ghana: Students who attended a senior secondary school classified as ‘deprived’ or ‘very deprived’ by the Amedahe Committee at the university of Cape Coast. A ‘deprived’ school is defined as being a (public) senior secondary school that has poor infrastructural facilities, non-qualified and insufficient teaching staff, and which will admit students who achieved lower than average grades in the Basic Secondary School Certificate.

Tanzania: Students who attended a junior secondary government or community school in the poorest 53 districts of the country, based on the proportion of the population living below the 2000/1 basic needs poverty line (262 Tanzanian shillings per adult equivalent per day).

Mature Students:

Students aged 30 years or over on admission to university.

Diversified routes:

Direct

Entry to programme based on senior secondary school certificate.

Equivalent

Entry to programme based on other qualifications than SSS certificates (e.g. ‘O’ levels, technical college diplomas and certificates, etc) or the successful completion of pre-entry programmes or examinations.

Mature

Entry to programme based on mature entry examinations.

Gender Index:

Percentage of women in the selected group (low SES students or mature students) divided by the percentage of women on the programme.

Poverty Index:

Percentage of low SES students in the selected group (women or mature students) divided by the percentage of low SES students on the programme.

ESC SET 2: Access to Four Programmes According to Age, Gender and Socio-Economic Status in 2007/2008

ESC 2.10 Access to Level 100 on Four Programmes at a Private University in Tanzania According to Age, Gender and Socio-Economic Status in 2007/2008

Programme	% of Students on the Programme										
	Men	Women	Low SES			Age 30 or over			Mature and Low SES		
			Total	Men	Women	Total	Men	Women	Total	Men	Women
LLB.Law	58.48	41.52	4.68	3.51	1.17	9.36	5.85	3.51	1.17	0.58	0.58
B. Business Administration	56.67	43.33	8.33	5.00	3.33	23.33	15.00	8.33	0.00	0.00	0.00
MD. Medicine	73.58	26.42	4.72	3.77	0.94	13.21	10.38	2.83	0.94	0.94	0.00
B. Ed. Maths	86.98	13.02	11.63	11.16	0.47	52.56	47.91	4.65	5.58	5.58	0.00

ESC 2.12 Access to Level 200 on Four Programmes at a Private University in Tanzania According to Age, Gender and Socio-Economic Status in 2007/2008

Programme	% of Students on the Programme										
	Men	Women	Low SES			Age 30 or over			Mature and Low SES		
			Total	Men	Women	Total	Men	Women	Total	Men	Women
LLB.Law	52.55	47.45	9.80	7.84	1.96	16.08	12.16	3.92	3.53	3.14	0.39
B. Business Administration	74.07	25.93	7.41	6.17	1.23	25.93	17.28	8.64	2.47	2.47	0.00
MD. Medicine	59.80	40.20	5.88	3.92	1.19	5.88	4.90	0.98	0.98	0.98	0.00
B. Ed. Maths	82.14	17.86	10.71	10.00	0.71	63.57	53.57	10.00	7.86	7.14	0.71

ESC 2.14 Access to Level 300 on Four Programmes at a Private University in Tanzania According to Age, Gender and Socio-Economic Status in 2007/2008

Programme	% of Students on the Programme										
	Men	Women	Low SES			Age 30 or over			Mature and Low SES		
			Total	Men	Women	Total	Men	Women	Total	Men	Women
LLB.Law	55.15	44.85	7.65	5.28	2.37	12.40	8.44	3.96	2.11	1.85	0.26
B. Business Administration	71.33	28.67	6.00	5.33	0.67	25.33	20.00	5.33	2.00	2.00	0.00
MD. Medicine	59.15	40.85	7.04	5.63	1.41	15.49	15.49	0.00	5.63	5.63	0.00
B. Ed. Maths	70.18	29.82	12.28	12.28	0.00	77.19	57.89	19.30	10.53	10.53	0.00

ESC SET 3: Access to Different Programmes According to Age, Gender and Socio-Economic Status by Levels in 2007/2008

ESC 3.13 Access to L.L.B. Law According to Age, Gender and Socio-Economic Status at a Private University in Tanzania by Levels in 2007/2008

LLB. Law	% of Students on the Programme										
	Men	Women	Low SES			Age 30 or over			Mature and Low SES		
			Total	Men	Women	Total	Men	Women	Total	Men	Women
Level 100	58.48	41.52	4.68	3.51	1.17	9.36	5.85	3.51	1.17	0.58	0.58
Level 200	52.55	47.45	9.80	7.84	1.96	16.08	12.16	3.92	3.53	3.14	0.39
Level300	55.15	44.85	7.65	5.28	2.37	12.40	8.44	3.96	2.11	1.85	0.26

ESC 3.14 Access to B. Business Administration (Human Resources Management) According to Age, Gender and Socio -Economic Status at a Private University in Tanzania by Levels in 2007/2008

B.B.A. Human Resources Management	% of Students on the Programme										
	Men	Women	Low SES			Age 30 or over			Mature and Low SES		
			Total	Men	Women	Total	Men	Women	Total	Men	Women
Level 100	56.67	43.33	8.33	5.00	3.33	23.33	15.00	8.33	0.00	0.00	0.00
Level 200	74.07	25.93	7.41	6.17	1.23	25.93	17.28	8.64	2.47	2.47	0.00
Level 430	71.33	28.67	6.00	5.33	0.67	25.33	20.00	5.33	2.00	2.00	0.00

ESC 3.15 Access to MD. Medicine According to Age, Gender and Socio-Economic Status at a Private University in Tanzania by Levels in 2007/2008

MD. Medicine	% of Students on the Programme										
	Men	Women	Low SES			Age 30 or over			Mature and Low SES		
			Total	Men	Women	Total	Men	Women	Total	Men	Women
Level 100	73.58	26.42	4.72	3.77	0.94	13.21	10.38	2.83	0.94	0.94	0.00
Level 200	59.80	40.20	5.88	3.92	1.96	5.88	4.90	0.98	0.98	0.98	0.00
Level 300	59.15	40.85	7.04	5.63	1.41	15.49	15.49	0.00	5.63	5.63	0.00
Level 400	69.23	30.77	0.00	0.00	0.00	20.51	17.95	2.56	0.00	0.00	0.00
Level 500	45.83	54.17	8.33	4.17	4.17	16.67	8.33	8.33	0.00	0.00	0.00

ESC 3.16 Access to B. Ed. Maths According to Age, Gender and Socio-Economic Status at a Private University in Tanzania by Levels in 2007/2008

B.Ed. Maths	% of Students on the Programme										
	Men	Women	Low SES			Age 30 or over			Mature and Low SES		
			Total	Men	Women	Total	Men	Women	Total	Men	Women
Level 100	86.98	13.02	11.63	11.16	0.47	52.56	47.91	4.65	5.58	5.58	0.00
Level 200	82.14	17.86	10.71	10.71	0.71	63.57	53.57	10.00	7.86	7.14	0.71
Level 300	70.18	29.82	12.28	12.28	0.00	77.19	57.89	19.30	10.53	10.53	0.00

ESC SET 4: Access amongst Women, Low SES Students and Mature Students on 4 Programmes in 2007/2008

ESC 4.10 Access amongst Women, Low SES Students and Mature Students on 4 Programmes at Level 100 of a Tanzanian Private University in 2007/2008

Programme	Male Students		Female Students		Low SES Students			Mature Students		
	% Age 30 or over	% Low SES	% Age 30 or over	% Low SES	% Male	% Women	% Age 30 or over	% Male	% Women	% Low SES
LLB. Law	10.00	6.00	8.45	2.82	75.00	25.00	25.00	62.50	37.50	12.50
B. Business Administration	26.47	8.82	19.23	7.69	60.00	40.00	0.00	64.29	35.71	0.00
MD. Medicine	14.10	5.13	10.71	3.57	80.00	20.00	20.00	78.57	21.43	7.14
B. Ed. Maths	55.08	12.83	35.71	3.57	96.00	4.00	48.00	91.15	8.85	10.62

ESC 4.12 Access amongst Women, Low SES Students and Mature Students on 4 Programmes at Level 200 of a Tanzanian Private University in 2007/2008

Programme	Male Students		Female Students		Low SES Students			Mature Students		
	% Age 30 or over	% Low SES	% Age 30 or over	% Low SES	% Male	% Women	% Age 30 or over	% Male	% Women	% Low SES
LLB.Law	23.13	14.93	8.26	4.13	80.00	20.00	36.00	75.61	24.39	21.95
B. Business Administration	23.33	8.33	33.33	4.76	83.33	16.67	33.33	66.67	33.33	9.52
MD. Medicine	8.20	6.56	2.44	4.88	66.67	33.33	16.67	83.33	16.67	16.67
B. Ed. Maths	65.22	12.17	56.00	4.00	93.33	6.67	73.33	84.27	15.73	12.36

ESC 4.14 Access amongst Women, Low SES Students and Mature Students on 4 Programmes at Level 300 of a Tanzanian Private University in 2007/2008

Programme	Male Students		Female Students		Low SES Students			Mature Students		
	% Age 30 or over	% Low SES	% Age 30 or over	% Low SES	% Male	% Women	% Age 30 or over	% Male	% Women	% Low SES
LLB.Law	15.31	9.57	8.82	5.29	68.97	31.03	27.59	68.09	31.91	17.02
B. Business Administration	28.04	7.48	18.60	2.33	88.89	11.11	33.33	78.95	21.05	7.89
MD. Medicine	26.19	9.52	0.00	3.45	80.00	20.00	80.00	100	0.00	36.36
B. Ed. Maths	82.50	17.50	64.71	0.00	100	0.00	87.51	75.00	25.00	13.64

ESC SET 5: Opening Access through Diversified Routes on 4 Programmes in 2007/2008¹

ESC 5.10 Opening Access through Diversified Routes at Level 100 on 4 Programmes of a Private Tanzanian University in 2007/2008¹

Programme	% of All Students			% of Male Students			% of Female Students			% of Low SES Students			% of Mature Students		
LLB. Law	90.06	0.00	9.36	89.00	0.00	10.00	91.55	0.00	8.45	75.00	0.00	25.00	56.25	0.00	43.75
B. Business Administration	86.67	1.67	8.33	88.24	2.94	8.82	84.62	0.00	7.69	80.00	0.00	0.00	57.14	7.14	28.57
MD. Medicine	74.53	25.47	0.00	74.36	25.64	0.00	75.00	25.00	0.00	60.00	40.00	0.00	21.43	78.57	0.00
B. Ed. Maths	38.60	60.93	0.47	39.57	59.89	0.53	32.14	67.86	0.00	52.00	48.00	0.00	28.32	70.80	0.88

¹ There were several missing data on access routes at this university. Therefore ESC Set 5 should be considered as indicative only.

ESC 5.12 Opening Access through Diversified Routes at Level 200 on 4 Programmes of a Private Tanzanian University in 2007/2008²

Programme	% of All Students			% of Male Students			% of Female Students			% of Low SES Students			% of Mature Students		
LLB. Law	91.37	3.14	5.49	90.30	4.48	5.22	92.56	1.65	5.79	88.00	8.00	4.00	73.17	9.76	17.07
B. Business Administration	82.72	8.64	8.64	88.33	3.33	8.33	66.67	23.81	9.52	100	0.00	0.00	76.19	19.05	4.76
MD. Medicine	91.18	8.82	0.00	90.16	9.84	0.00	92.68	7.32	0.00	83.33	16.67	0.00	0.00	100	0.00
B. Ed. Maths	30.00	70.00	0.00	30.43	69.57	0.00	28.00	72.00	0.00	26.67	73.33	0.00	22.44	77.53	0.00

ESC 5.14 Opening Access through Diversified Routes at Level 300 on 4 Programmes of a Private Tanzanian University in 2007/2008²

Programme	% of All Students			% of Male Students			% of Female Students			% of Low SES Students			% of Mature Students		
LLB. Law	91.03	0.79	8.18	92.82	1.44	5.74	88.82	0.00	11.18	89.66	3.45	6.90	87.23	2.13	10.64
B. Business Administration	62.67	17.33	18.00	63.55	18.69	15.89	60.47	13.95	23.26	55.56	11.11	22.22	44.74	31.58	18.42
MD. Medicine	81.69	18.31	0.00	71.43	28.57	0.00	96.55	3.45	0.00	40.00	60.00	0.00	18.18	81.82	0.00
B. Ed. Maths	96.49	3.51	0.00	97.50	2.50	0.00	94.12	5.88	0.00	100	0.00	0.00	95.45	4.55	0.00

² There were several missing data on access routes at this university. Therefore ESC Set 5 should be considered as indicative only.

ESC SET 6: Measuring Intersection through Indices on 4 Programmes in 2007/2008

ESC 6.10 Measuring Intersection through Indices on 4 Programmes at Level 100 of a Private University in Tanzania in 2007/2008

Programme	% Women on Programme	% Low SES Students on Programme	Gender Index for Low SES Students	Gender Index for Mature Students	Poverty Index for Women	Poverty Index for Mature Students
LLB.Law	58.48	41.52	0.43	0.64	0.07	0.30
B. ^{Business} Administration	56.67	43.33	0.71	0.63	0.18	0.00
MD. Medicine	73.58	26.42	0.27	0.29	0.14	0.27
B. Ed. Maths	86.98	13.02	0.05	0.10	0.27	0.82

Gender Index: Percentage of women on group (low SES or mature students) ÷ Percentage of women on programme
 Poverty Index: Percentage of low SES students on group (women or mature students) ÷ Percentage of low SES students on programme

ESC 6.12 Measuring Intersection through Indices on 4 Programmes at Level 200 of a Private University in Tanzania in 2007/2008

Programme	% Women on Programme	% Low SES Students on Programme	Gender Index for Low SES Students	Gender Index for Mature Students	Poverty Index for Women	Poverty Index for Mature Students
LLB. Law	52.55	47.45	0.38	0.46	0.09	0.46
B. ^{Business} Administration	74.07	25.93	0.23	0.45	0.18	0.37
MD. Medicine	59.8	40.2	0.56	0.28	0.12	0.41
B. Ed. Maths	82.14	17.86	0.08	0.19	0.22	0.69

Gender Index: Percentage of women on group (low SES or mature students) ÷ Percentage of women on programme
 Poverty Index: Percentage of low SES students on group (women or mature students) ÷ Percentage of low SES students on programme

ESC 6.14 Measuring Intersection through Indices on 4 Programmes at Level 300 of a Private University in Tanzania in 2007/2008

Programme	% Women on Programme	% Low SES Students on Programme	Gender Index for Low SES Students	Gender Index for Mature Students	Poverty Index for Women	Poverty Index for Mature Students
LLB.Law	55.15	44.85	0.56	0.58	0.12	0.38
B. ^{Business} Administration	71.33	28.67	0.16	0.30	0.08	0.28
MD. Medicine	59.15	40.85	0.34	0.00	0.08	0.89
B. Ed. Maths	70.18	29.82	0.00	0.36	0.00	0.46
Gender Index: Percentage of women on group (low SES or mature students) ÷ Percentage of women on programme Poverty Index: Percentage of low SES students on group (women or mature students) ÷ Percentage of low SES students on programme						