

# 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 Ghanaian Private University**





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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: Student who attended a senior secondary school classified as 'deprived' or 'very deprived' by the Amedahe Committee at the university of Cape Coast. Schools classified as 'deprived' are not well established and have poor or no infrastructural facilities. They have poor libraries and ill equipped or no laboratories. Their teaching staffs are non-qualified and their general staffing is inadequate. They don't have a well established academic culture.

Tanzania: Student who attended a government or community junior secondary school located in on of the 53 districts where the proportion of households living below the national poverty line is higher than the national average.

#### **Mature Students:**

Student aged 30 years or over on admission to university.

#### **Reasons for rejection:**

#### Below the cut-off point (BC):

Female or male applicants who met the general academic requirement to enter university but were rejected because the score on their senior secondary school (SSS) certificate did not meet the cut-off point (minimum score to enter a programme) assigned by the university to the particular programme.

#### **Not Meeting Criteria (NMC)**

Female or male applicants rejected because they did not meet the criteria to enter the university. These criteria may be academic or financial (not being able to afford the fees).

#### **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 colleges, 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 on 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 on the selected group (women or mature students) divided by the percentage of low SES students on the programme.

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### ESC SET 1: Applications and Admission to Four Programmes in 2007/2008 Disaggregated by Gender

ESC 1.2 Applications and Admission to Four Programmes at a Ghanaian Private University in 2007/2008 Disaggregated by Gender

	Number of Applicants			%of	R	leason fo	r rejectio	n	% of Applicants Accepted			
Programme	Total	Men	Women	Women	Wor	nen	Men		All	Women	Men	
				Applicants	BC <sup>1</sup>	NMC <sup>2</sup>	BC <sup>1</sup>	NMC <sup>2</sup>				
B.Sc. Economics	391	267	124	31.71	52.73	47.27	49.58	50.42	11.51	11.29	11.61	
B.Sc. Human Resources Management	1575	567	1,008	64	46.53	53.47	52.27	47.73	14.41	14.29	14.64	
B.Sc. Agri-Business Management	102	81	21	20.59	50.00	50.00	52.94	47.06	13.73	4.76	16.05	
B.Sc. Accountancy	1050	620	430	40.95	35.47	64.53	33.72	66.28	15.25	12.79	16.96	

BC: Percentage of women or men applicants rejected because they did not meet the cut-off point assigned by the university to the particular program applied.
 NMC: Percentage of women or men applicants rejected because they did not meet the criteria to enter the university.

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## ESC SET 2: Access to Four Programmes According to Age, Gender and Socio Economic Status

ESC 2.2 Access to Level 100 on Four Programmes at a Private University in Ghana According to Age, Gender and Socio Economic Status in 2007/2008

					% of Stud	ents on the P	rogramme				
Programme	Men	Women	Low SES			A	Age 30 or ove	er	Matu	re and Low	SES
	Wich	vvoilleli	Total	Men	Women	Total	Men	Women	Total	Men	Women
B.Sc. Economics	61.04	38.96	0.00	0.00	0.00	3.90	3.90	0.00	0.00	0.00	0.00
B.Sc. Human Resources Management	36.56	63.44	4.41	0.44	3.96	10.13	2.64	7.49	1.32	0.44	0.88
B.Sc. Agri- Business Management	92.86	7.14	0.00	0.00	0.00	28.57	28.57	0.00	0.00	0.00	0.00
B.Sc. Accountancy	65.63	34.38	6.88	2.50	4.37	8.75	5.62	3.13	0.00	0.00	0.00

ESC 2.4 Access to Level 200 on Four Programmes at a Private University in Ghana According to Age, Gender and Soc io Economic Status in 2007/2008

					% of Stud	ents on the P	rogramme				
Programme	Men	Women		Low SES		A	age 30 or ove	er	Mature and Low SES		
	IVICII	vv omen	Total	Men	Women	Total	Men	Women	Total	Men	Women
B.Sc. Economics	58.62	41.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B.Sc. Human Resources Management	27.04	72.96	1.79	0.51	1.28	14.29	3.32	10.97	0.00	0.00	0.00
B.Sc. Agri- Business Management	94.44	5.56	0.00	0.00	0.00	27.78	27.78	0.00	0.00	0.00	0.00
B.Sc. Accountancy	57.82	42.18	2.38	0.68	1.70	0.00	0.00	0.00	0.00	0.00	0.00

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ESC 2.6 Access to Level 300 on Four Programmes at a Private University in Ghana According to Age, Gender and Socio Economic Status in 2007/2008

					% of Stud	ents on the P	rogramme				
Programme Men	Mon	Women	Low SES			A	age 30 or ove	er	Mature and Low SES		
	Men	vvomen	Total	Men	Women	Total	Men	Women	Total	Men	Women
B.Sc. Economics	70.83	29.17	4.17	0.00	4.17	0.00	0.00	0.00	0.00	0.00	0.00
B.Sc. Human Resources Management	31.85	68.15	3.08	0.00	3.08	0.68	0.00	0.68	0.34	0.00	0.34
B.Sc. Agri- Business Management	94.44	5.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B.Sc. Accountancy	55.56	44.44	3.03	0.51	2.53	0.00	0.00	0.00	0.00	0.00	0.00

ESC 2.8 Access to Level 400 on Four Programmes at a Private University in Ghana According to Age, Gender and Socio Economic S tatus in 2007/2008

					% of Stud	ents on the P	rogramme				
Programme	Men	Women		Low SES		A	age 30 or ove	er	Mature and Low SES		
	ivien		Total	Men	Women	Total	Men	Women	Total	Men	Women
B.Sc. Economics	83.33	16.67	4.17	0.00	4.17	0.00	0.00	0.00	0.00	0.00	0.00
B.Sc. Human Resources Management	29.52	70.48	0.88	0.44	0.44	4.41	0.88	3.52	0.00	0.00	0.00
B.Sc. Agri- Business Management	72.73	27.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B.Sc. Accountancy	57.76	42.24	0.62	0.62	0.00	3.11	2.48	0.62	0.00	0.00	0.00

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

ESC 3.5 Access to B. Sc Economics According to Age, Gender and Socio Economic Status at a Private University in Ghana by Levels in 2007/2008

					% of Stud	ents on the P	rogramme				
B. Sc Economics	Mon	Warran	Low SES			A	age 30 or ove	er	Mature and Low SES		
Economics	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
Level 100	61.04	38.96	0.00	0.00	0.00	3.90	3.90	0.00	0.00	0.00	0.00
Level 200	58.62	41.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Level 300	70.83	29.17	4.17	0.00	4.17	0.00	0.00	0.00	0.00	0.00	0.00
Level 400	83.33	16.67	4.17	0.00	4.17	0.00	0.00	0.00	0.00	0.00	0.00

ESC 3.6 Access to B. Sc Administration (Human Resources Management) According to Age, Gender and Socio Economic Status at a Private University in Ghana by Levels in 2007/2008

B. Sc Admin			% of Students on the Programme											
Human Resources Management  Men	Mon	<b>XX</b>		Low SES		A	age 30 or ove	er	Matu	re and Low	SES			
	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women				
Level 100	36.56	63.44	4.41	0.44	3.96	10.13	2.64	7.49	1.32	0.44	0.88			
Level 200	27.04	72.96	1.79	0.51	1.28	14.29	3.32	10.97	0.00	0.00	0.00			
Level 300	31.85	68.15	3.08	0.00	3.08	0.68	0.00	0.68	0.34	0.00	0.34			
Level 400	29.52	70.48	0.88	0.44	0.44	4.41	0.88	3.52	0.00	0.00	0.00			

ESC 3.7 Access to B. Sc Agri-Business Management According to Age, Gender and Socio Economic Status at a Private University in Ghana by Levels in 2007/2008

					% of Stud	ents on the P	rogramme					
B. Sc Agri- Business	Mon	Women		Low SES		A	age 30 or ove	er	Matu	Mature and Low SES		
Management	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	
Level 100	92.86	7.14	0.00	0.00	0.00	28.57	28.57	0.00	0.00	0.00	0.00	
Level 200	94.44	5.56	0.00	0.00	0.00	27.78	27.78	0.00	0.00	0.00	0.00	
Level 300	94.44	5.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Level 400	72.73	27.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

ESC 3.8 Access to B. Sc Administration (Accountancy) According to Age, Gender and Socio Economic Status at a Private University in Ghana by Levels in 2007/2008

					% of Stud	ents on the P	rogramme				
B. Sc Admin Accountancy Men	Mon	Women		Low SES		A	Age 30 or ove	er	Matu	re and Low	SES
	ivien	vv omen	Total	Men	Women	Total	Men	Women	Total	Men	Women
Level 100	65.63	34.38	6.88	2.50	4.37	8.75	5.62	3.13	0.00	0.00	0.00
Level 200	57.82	42.18	2.38	0.68	1.70	0.00	0.00	0.00	0.00	0.00	0.00
Level 300	55.56	44.44	3.03	0.51	2.53	0.00	0.00	0.00	0.00	0.00	0.00
Level400	57.76	42.24	0.62	0.62	0.00	3.11	2.48	0.62	0.00	0.00	0.00

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

ESC 4.2 Access amongst Women, Students from Low SES and Mature Students on 4 Programmes at Level 100 of a Ghanaian Private University in 2007/2008

	Male St	tudents	Female S	tudents	Stude	nts from L	ow SES	Mat	ure Studen	ts
Programme	% Age 30 or over	% Low SES	% Age 30 or over	% Low SES	% Male	% Women	% Age 30 or over	% Male	% Women	% Low SES
B.Sc. Economics	6.38	0.00	0.00	0.00		1	1	100	0.00	0.00
B.Sc. Human Resources Management	7.23	1.20	11.81	6.25	10.00	90.00	30.00	26.09	73.91	13.04
B.Sc. Agri- Business Management	30.77	0.00	0.00	0.00				100	0.00	0.00
B.Sc. Accountancy	8.57	3.81	9.09	12.73	36.36	63.64	0.00	64.29	35.71	0.00

ESC 4.4 Access amongst Women, Students from Low SES and Mature Students on 4 Programmes at Level 200 of a Ghanaian Private University in 2007/2008

	Male St	tudents	Female S	tudents	Stude	nts from L	ow SES	Ma	ture Studer	nts
Programme	% Age 30 or over	% Low SES	% Age 30 or over	% Low SES	% Male	% Women	% Age 30 or over	% Male	% Women	% Low SES
B.Sc. Economics	0.00	0.00	0.00	0.00						
B.Sc. Human Resources Management	12.26	1.89	15.03	1.75	28.57	71.43	0.00	23.21	76.79	0.00
B.Sc. Agri- Business Management	29.41	0.00	0.00	0.00	- 1			100	0.00	0.00
B.Sc. Accountancy	0.00	1.18	0.00	4.03	28.57	71.43	0.00	-		

ESC 4.6 Access amongst Women, Students from Low SES and Mature Students on 4 Programmes at Level 300 of a Ghanaian Private University in 2007/2008

	Male St	tudents	Female S	tudents	Stude	nts from L	ow SES	Ma	ture Studer	nts
Programme	% Age 30 or over	% Low SES	% Age 30 or over	% Low SES	% Male	% Women	% Age 30 or over	% Male	% Women	% Low SES
B.Sc. Economics	0.00	0.00	0.00	14.29	0.00	100.00	0.00			
B.Sc. Human Resources Management	0.00	0.00	1.01	4.52	0.00	100.00	11.11	0.00	100.00	50.00
B.Sc. Agri-Business Management	0.00	0.00	0.00	0.00	1			1		
B.Sc. Accountancy	0.00	0.91	0.00	5.68	16.67	83.33	0.00	1		

ESC 4.8 Access amongst Women, Students from Low SES and Mature Students on 4 Programmes at Level 400 of a Ghanaian Private University in 2007/2008

	Male St	tudents	Female S	tudents	Stude	nts from L	ow SES	Ma	ture Studer	its
Programme	% Age 30 or over	% Low SES	% Age 30 or over	% Low SES	% Male	% Women	% Age 30 or over	% Male	% Women	% Low SES
B.Sc. Economics	0.00	0.00	0.00	25.00	0.00	100.00	0.00			
B.Sc. Human Resources Management	2.99	1.49	5.00	0.63	50.00	50.00	0.00	20.00	80.00	0.00
B.Sc. Agri-Business Management	0.00	0.00	0.00	0.00	1			1		
B.Sc. Accountancy	4.30	1.08	1.47	0.00	100	0.00	0.00	80.00	20.00	0.00

## ESC SET 5: Opening Access through Diversified Routes on 4 Programmes in 2007/2008

ESC 5.2 Opening Access through Diversified Routes at Level 100 on 4 Programmes of a Private Ghanaian University in 2007/2008

		% of A tuden			of Ma tudent			of Fen tuden			f Low tuden			of Mat tuden	
Programme															
B.Sc. Economics	94.81	5.19	0.00	95.74	4.26	0.00	93.33	6.67	0.00				66.67	33.33	0.00
B.Sc. Human Resources Management	75.33	24.67	0.00	86.75	13.25	0.00	68.75	31.25	0.00	70.00	30.00	0.00	13.04	86.96	0.00
B.Sc. Agri-Business Management	64.29	35.71	0.00	61.54	38.46	0.00	100.0	0.00	0.00	-			25.00	75.00	0.00
B.Sc. Accountancy	89.38	10.63	0.00	86.67	13.33	0.00	94.55	5.45	0.00	90.91	9.09	0.00	35.71	64.29	0.00

ESC 5.4 Opening Access through Diversified Routes at Level 200 on 4 Programmes of a Private Ghanaian University in 2007/2008

		% of A tuden			% of Male Students		% of Female Students		% of Low SES Students			% of Mature Students			
Programme															
B.Sc. Economics	96.55	3.45	0.00	94.12	5.88	0.00	100.	0.00	0.00						
B.Sc. Human Resources Management	82.91	13.52	3.57	86.79	11.32	1.89	81.47	14.34	4.20	100.0	0.00	0.00	83.93	0.00	16.07
B.Sc. Agri-Business Management	88.89	11.11	0.00	88.24	11.76	0.00	100.0	0.00	0.00				100.0	0.00	0.00
B.Sc. Accountancy	89.12	10.20	0.68	86.47	12.94	0.59	92.74	6.45	0.81	100.0	0.00	0.00			

ESC 5.6 Opening Access through Diversified Routes at Level 300 on 4 Programmes of a Private Ghanaian University in 2007/2008

		% of A tudent		% of Male Students		% of Female Students		% of Low SES Students			% of Mature Students				
Programme															
B.Sc. Economics	100.0	0.00	0.00	100.0	0.00	0.00	100.0	0.00	0.00	100.0	0.00	0.00			
B.Sc. Human Resources Management	81.16	13.70	5.14	81.72	10.75	7.53	80.90	15.08	4.02	77.78	11.11	11.11	0.00	0.00	100.0
B.Sc. Agri-Business Management	100.0	0.00	0.00	100.0	0.00	0.00	100.0	0.00	0.00						
B.Sc. Accountancy	93.43	2.02	4.55	93.64	0.91	5.45	93.18	3.41	3.41	100.0	0.00	0.00			

ESC 5.8 Opening Access through Diversified Routes at Level 400 on 4 Programmes of a Private Ghanaian University in 2007/2008

		% of A tudent			of Ma tudent			of Fem tudent			f Low tuden			of Mat tuden	
Programme															
B.Sc. Economics	100.0	0.00	0.00	100.0	0.00	0.00	100.0	0.00	0.00	100.0	0.00	0.00			
B.Sc. Human Resources Management	96.92	2.20	0.88	98.51	1.49	0.00	96.25	2.50	1.25	100.0	0.00	0.00	80.00	10.00	10.00
B.Sc. Agri-Business Management	100.0	0.00	0.00	100.0	0.00	0.00	100.0	0.00	0.00	1	1			1	
B.Sc. Accountancy	98.76	1.24	0.00	97.85	2.15	0.00	100.0	0.00	0.00	100.0	0.00	0.00	100.0	0.00	0.00

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

ESC 6.2 Measuring Intersection through Indices on 4 Programmes at Level 100 of a Private University in Ghana 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
B.Sc. Economics	38.96	0.00	-	0.00	-	-
B.Sc. Human Resources Management	63.44	4.41	1.42	1.17	1.42	2.96
B.Sc. Agri-Business Management	7.14	0.00		0.00		
B.Sc. Accountancy	34.38	6.88	1.85	1.04	1.85	0.00

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 6.4 Measuring Intersection through Indices on 4 Programmes at Level 200 of a Private University in Ghana 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
B.Sc. Economics	41.38	0.00	-	-	-	-
B.Sc. Human Resources Management	72.96	1.79	0.98	1.05	0.98	0.00
B.Sc. Agri-Business Management	5.56	0.00	-	-	-	-
B.Sc. Accountancy	42.18	2.38	1.69	-	1.69	-

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

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ESC 6.6 Measuring Intersection through Indices on 4 Programmes at Level 300 of a Private University in Ghana 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
B.Sc. Economics	29.17	4.17	3.43	-	3.43	-
B.Sc. Human Resources Management	68.15	3.08	1.47	1.47	1.47	16.23
B.Sc. Agri-Business Management	5.56	0.00	-	-	-	-
B.Sc. Accountancy	44.44	3.03	1.88	-	1.88	-

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

ESC 6.8 Measuring Intersection through Indices on 4 Programmes at Level 400 of a Private University in Ghana 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
B.Sc. Economics	17.39	4.35	6.00	-	6.00	-
B.Sc. Human Resources Management	71.43	1.10	0.71	1.14	0.72	0.00
B.Sc. Agri-Business Management	27.27	0.00	-	-	-	-
B.Sc. Accountancy	42.38	0.66	0.00	0.48	0.00	0.00

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