

JOB OPPORTUNITIES IN THE MARKET FOR THE PERIOD 2007 - 2008

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Abstract

The National Construction Council (NCC) has been collecting information on job opportunities in the market. The aim of the data collection has been to gauge the demand for personnel in all sectors of the economy including the construction sector. This is anticipated to provide a picture of the personnel absorption and work opportunities available in the market. The paper further demonstrates there is no effective mechanism of monitoring the trends of employment since most graduates secure employment through other means and not through advertisements in the news papers.

1.0 INTRODUCTION

Establishment of a comprehensive mechanism of collecting data on the status and trend of employment opportunities is of prime importance for planning, budgeting and investment.

2.0 JOB OPPORTUNITIES FOR 2007 - 2008

Data on job opportunities is being collected for the period covering January 2007 to August 2008. Table 1 provides a summary of the job opportunities in the market.

Table 1: Job Opportunities - January 2007 to August 2008

S/No.	Profession	Year 2007		Year 2008	
		Number of Employees	Percentage	Number of Employees	Percentage
1	Engineers	62	4.67	34	6.84
2	Doctors	23	1.73	3	0.60
3	Librarians	12	0.90	10	2.01
4	Legal Officers	23	1.73	18	3.62
5	Accountants	142	10.68	54	10.87
6	Quantity Surveyors	1	0.08	2	0.40
7	Architects	1	0.08	1	0.20
8	Stock Verifiers	0	0.00	0	0.00
9	Surveyors	4	0.30	1	0.20
10	Supplies Officers/Procurement Specialists	33	2.48	33	6.64
11	Sociologists	49	3.69	1	0.20
12	Geologists	13	0.98	3	0.60

S/No.	Profession	Year 2007		Year 2008	
		Number of Employees	Percentage	Number of Employees	Percentage
13	Statisticians	3	0.23	2	0.40
14	Valuers	6	0.45	0	0.00
15	Finance and Administration Officers	115	8.65	54	10.87
16	Sales and Marketing Officers	66	4.97	7	1.41
17	Research Specialists	11	0.83	4	0.80
18	Human resources	53	3.99	32	6.44
19	Information Officers	85	6.40	22	4.43
20	Technicians	74	5.57	30	6.04
21	Teachers/Lecturers	51	3.84	22	4.43
22	Economists	56	4.21	3	0.60
23	Journalists	37	2.78	0	0.00
24	Environmental officers	5	0.38	1	0.20
25	Development Officers	2	0.15	2	0.40
26	Quality Controllers	5	0.38	0	0.00
27	Marine Officer	1	0.08	4	0.80
28	Cashier	5	0.38	3	0.60
29	Safety Officer	2	0.15	0	0.00
30	Veterinarian	1	0.08	6	1.21
31	Nursing Officer	1	0.08	0	0.00
32	Planning Officer	5	0.38	8	1.61
33	Forest Officer	8	0.60	2	0.40
34	Agriculturalist	36	2.71	3	0.60
35	Laboratory Expert	12	0.90	20	4.02
36	Curriculum Developers	3	0.23	4	0.80
37	Auditors	0	0.00	14	2.82
38	Project Officers	6	0.45	2	0.40
39	Fisheries Officers	1	0.08	0	0.00
40	Pharmacists	2	0.15	6	1.21
41	Aircraft Marshaller	0	0.00	1	0.20
42	Airport Operations Officer	0	0.00	1	0.20
43	Project coordinator	0	0.00	6	1.21
44	Communications Coordinator	0	0.00	1	0.20
45	Managers	0	0.00	20	4.02
46	Trade policy analyst	0	0.00	1	0.20
47	Aids Relief Coordinator	0	0.00	2	0.40
48	Chief Executive Officer	0	0.00	1	0.20
49	Examinations Officer	0	0.00	2	0.40
50	Others(Form Six and below form six)	314	23.63	51	10.26
	Total	1329	100.00	497	100.00

The analysis on the above collected information is provided in the proceeding sections.

2.1 Job Opportunities Advertised for Year 2007

The ten most advertised jobs and their percentage score ranking from highest in terms of professions is as follows:

- a) Accountants - 10.68%
- b) Finance and Administrative Officers - 8.65%
- c) Information Officers - 6.4%
- d) Technicians - 5.57%
- e) Sales and Marketing Officers - 4.97%
- f) Engineers - 4.67%
- g) Economists - 4.21%
- h) Human Resources - 3.99%
- i) Teachers/ lecturers - 3.84%
- j) Sociologists - 3.69%

The total number of jobs advertised for the construction sector personnel (Engineers, Quantity Surveyors, Architects, Surveyors, and Technicians) in the year 2007 is 142 (10.7%) of the total advertised post. Out of the 142 posts advertised, engineers were 62; Quantity Surveyors 1; Architects 1; Surveyors 4; and Technicians 74.

If Engineers, Quantity Surveyors, Architects, Surveyors, and Technicians are grouped in one group of 'Construction Sector' the following is the picture of ten most advertised jobs:

- a) Construction Sector - 10.68%
- b) Accountants - 10.68%
- c) Finance and Administrative Officers - 8.65%
- d) Information Officers - 6.4%
- e) Sales and Marketing Officers - 4.97%
- f) Economists - 4.21%
- g) Human Resources - 3.99%
- h) Teachers/ lecturers - 3.84%
- i) Sociologists - 3.69%
- j) Journalists - 2.78%

The following **Table 2** provides a summary of job opportunities advertised in the market for construction sector in the year 2007.

Table 2: Job Opportunities Advertised for the Year 2007

S/No.	Category	Number of Employees	Percentage
1	Engineers	62	43.66
2	Quantity Surveyors	1	0.70
3	Architects	1	0.70
4	Surveyors	4	2.82
5	Technicians	74	52.11
		142	100

The following **Figure 1** provides pictorial presentation of the job opportunities advertised for the construction sector.

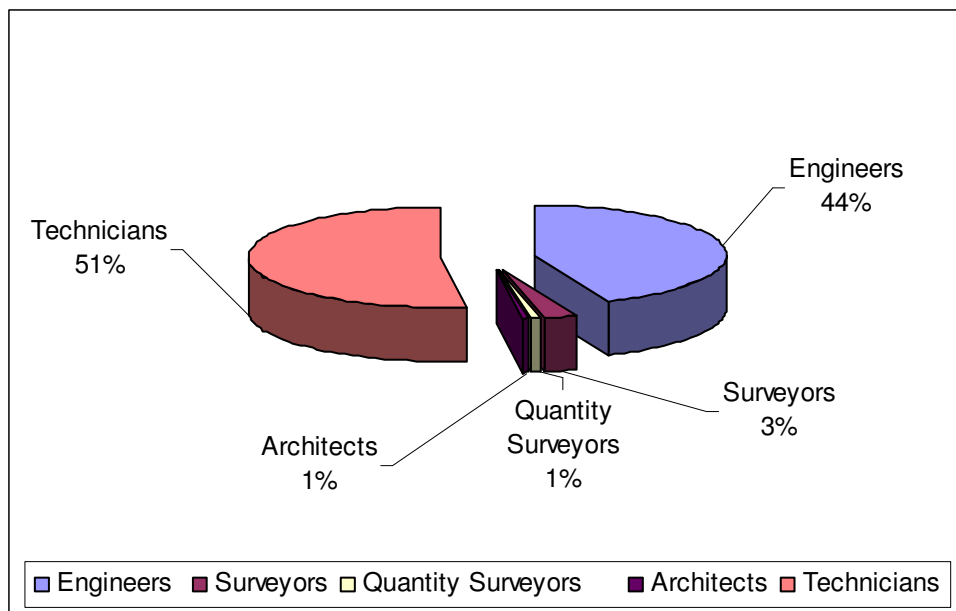


Figure 1: Job Opportunities in the Construction Sector for the Year 2007

2.2 Output Graduates from Institutions of Higher Learning

The total output from institutions of higher learning for the year 2007 is as follows:

- a) College of Engineering and Technology of University of Dar es Salaam (COET) - 812
- b) Dar es Salaam Institute of Technology (DIT), Mbeya Institute of Science and Technology, and Arusha Technical Colleges - 1833
- c) Ardhi University (ARU) - 1093

The distribution by category of graduates for the year 2007 is as follows; Engineers 812, Building Economists (Quantity Surveyors) 220, Architects 198, and Technicians 1833.

The following **Table 3** provides the details of output of graduates from the institutions of higher learning in the year 2007.

Table 3: Output from Institutions of Higher Learning in the year 2007

S/No.	Category	Number of Graduates	Percentage
1	Engineers	812	26.51
2	Technicians	1833	59.84
3	Building Economists	220	7.18
4	Architects	198	6.46
5	Land Surveyors	0	0
		3063	100

The following **Figure 2** provides a pictorial presentation of the output in terms of percentages from institutions of higher learning.

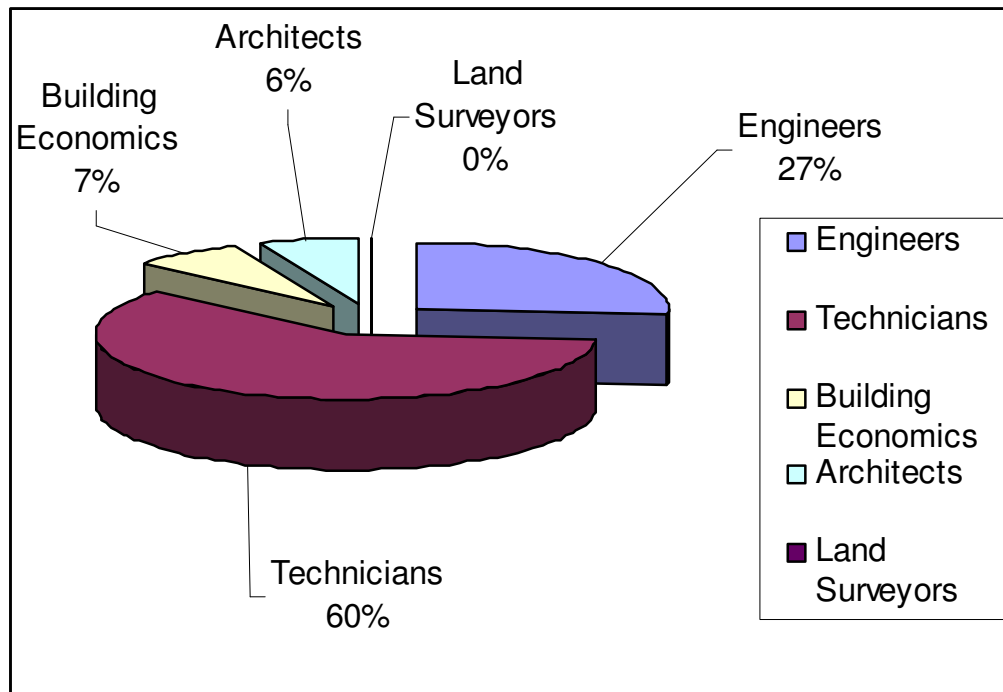


Figure 2: Out Put from Institutions of Higher Learning

2.3 Job Opportunities Advertised for Year 2008

The job opportunities advertised for the period January – August 2008 in terms of percentages for ten most advertised jobs is as follows:

- a) Accountants - 10.87%
- b) Finance and Administrative Officers - 10.87%
- c) Engineers - 6.84%
- d) Supplies Officers/ Procurement Specialists - 6.64%
- e) Human Resources - 6.44%
- f) Technicians - 6.04%
- g) Information Officers - 4.43%
- h) Teachers/ Lecturers - 4.43%
- i) Laboratory Experts - 4.02%
- j) Managers - 4.02%

The total number of jobs advertised for the construction sector (Engineers, Quantity Surveyors, Architects, Surveyors, and Technicians) in the year 2008 is 68 (13.68%) of the total advertised posts. Out of the 68 posts advertised, Engineers were 34; Quantity Surveyors 2; Architects 1; Surveyors 1; and Technicians 30.

If Engineers, Quantity Surveyors, Architects, Surveyors, and Technicians are grouped in one group of 'Construction Sector' the following is the picture of ten most advertised jobs:

- k) Construction Sector - 13.68%
- l) Accountants - 10.87%
- m) Finance and Administrative Officers - 10.87%
- n) Others (Form six and below) - 10.26%
- o) Supplies Officers/ Procurement Specialists - 6.64%
- p) Human Resources - 6.44%
- q) Information Officers - 4.43%
- r) Teachers/ Lecturers - 4.43%
- s) Laboratory Experts - 4.02%
- t) Managers - 4.02%
- u) Legal Officers - 3.62%

The data indicates that the construction sector had highest employment opportunities during the year 2008 compared to other sectors of the economy.

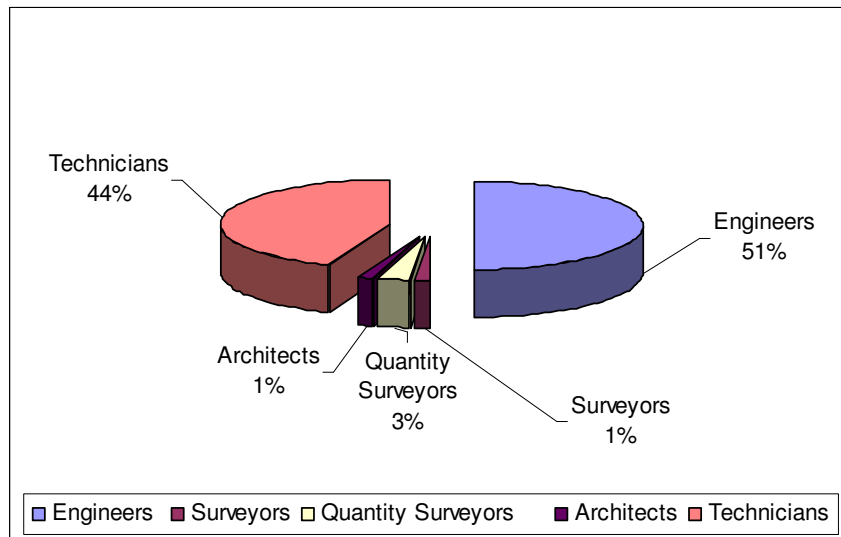
The following **Table 4** provides a summary of job opportunities advertised in the market for construction sector in the year 2008.

Table 4: Job Opportunities Advertised for the Year 2008

S/No.	Category	Number of Employees	Percentage
1	Engineers	34	50.00
2	Quantity Surveyors	2	2.94
3	Architects	1	1.47
4	Surveyors	1	1.47
5	Technicians	30	44.12
	Total	68	100.00

The following **Figure 3** provides a pictorial presentation of the job opportunities in terms of percentages for the year 2008.

Figure 3: Job Opportunities Advertised for the Year 2008 (Up to August)



The analysis shows that there were more job opportunities for technicians (44%), while surveyors had the least job opportunities (1%).

3.0 CONCLUSION AND RECOMMENDATIONS

3.1 Conclusion

- a) The output of graduates in higher learning institutions is higher than job opportunities advertised in the newspapers. There were 142 technical posts advertised in the year 2007 while the total output from institutions of higher learning was 3063. There were 68 job opportunities as of August 2008 while the output from the institutions of higher learning is expected to be more than 3063.
- b) There exists no effective mechanism for monitoring the trend of job opportunities and absorption.

3.2 Recommendations

- a) There is need to establish an effective mechanism for data collection and monitoring the trend of trained personnel, job opportunities, employment and unemployed personnel in all sectors of the economy including the construction sector.

References

1. Ministry of Planning, Economy and Empowerment, *Economic Sector Survey (2007)*, Dar es Salaam-Tanzania
2. Ministry of Planning, Economy and Empowerment, *Economic Sector Survey (2008)*, Dar es Salaam-Tanzania