



The United Republic of Tanzania

Ministry of Industry and Trade



National Bureau of Statistics



Confederation of Tanzania Industries

Annual Survey of Industrial Production, 2009

Statistical Report



United Nations Industrial Development Organisation

May, 2012



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ABBREVIATIONS

()	In the table means Negative
-"	Means zero
000'	Thousands
ASIP	Annual Survey of Industrial Production
CTI	Confederation of Tanzania Industries
GOS	Gross Operating Surplus
GDP	Gross Domestic Product
ISIC	International Standard Industrial Classification
IT	Information Technology
MIT	Ministry of Industry and Trade
MoU	Memorandum of Understanding
n.e.c	Not elsewhere classified
NBS	National Bureau of Statistics
NDV	National Development Vision
NSGRP	National Strategy for Growth and Reduction of Poverty
Parties	MIT, NBS and CTI
T.shs	Tanzanian shillings
UN	United Nations
UNIDO	United Nations Industrial Development Organisation

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The Survey Executive Committee was comprised of Ms. Joyce K.G Mapunjo, the Permanent Secretary, MIT; Dr. Albina Chuwa, the Director General, NBS; and Ms. Christine Kilindu, the Executive Director, CTI.

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Dr. Albina Chuwa

Director General

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TANZANIA MAINLAND PROFILES

Tanzania has a total area of 945,000 square kilometres (including 60,000 square kilometres of inland water) and lies just south of the equator between the great lakes of Victoria, Tanganyika and Nyasa on one hand and the Indian Ocean on the other. Tanzania has frontiers with eight countries (Burundi, Democratic Republic of Congo, Kenya, Malawi, Mozambique, Rwanda, Uganda, and Zambia).

The country is about the same size as Nigeria and slightly smaller than France and Spain combined. Except for a narrow belt along the 900 kilometres coast, most of its land lies above 200 meters altitude and much of the country is higher than 1,000 metres, above sea level. Tanzania is the home of Mt. Kilimanjaro, with a permanent ice cap, which rises to over 5,500 metres, with the highest peak Kibo reaching 5,895 metres above the sea level. While this is the highest point in Africa, the lowest point is somewhere along the floor of Lake Tanganyika.

A distinctive feature of Tanzania is the rift valley whose form is marked in many places by long, narrow and deep depressions often filled with lakes. The Great Rift Valley runs from near the mouth of the Zambezi River northward through Tanzania, Kenya, Ethiopia and across the Red Sea to Israel. Lake Tanganyika lies in the Western rift, which continues northwards through Lake Kivu.

The rivers flow into the India Ocean or the Great Lakes. However, most of them cease flowing during the dry season, and only the Rufiji River, entering the Indian Ocean opposite Mafia Island and the Kagera River, flowing into Lake Victoria, are navigable by anything larger than a canoe.

Lake Tanganyika drains into the Congo River system, hence into the Atlantic Ocean. Lake Nyasa waters reach the Zambezi, hence into the Indian Ocean. Lake Victoria, which differs from other major lakes of Tanzania in that it was formed by a gentle down-warping of the earth's crust in a shallow subsidence, drains into the Nile, hence into the Mediterranean Sea.

Woodland, bush land and wooden grasslands, are the predominant types of vegetations. The main climatic feature is the long dry spell from May to October, followed by a period of low rainfall, which is often concentrated into relatively few days of heavy showers.

The main rainy season on the coast is from March to May but there is a second rainy season from October to December. Normally, total rainfall increases towards the north. Around Lake Victoria, rainfall is well distributed throughout the year with a peak during March to May.

Source: National Bureau of Statistics – Tanzania in Figures

EXECUTIVE SUMMARY

In 2009, the number of large industrial establishments operating on Tanzania Mainland was 733. The highest concentration of these establishments was in Dar es Salaam (378) followed by Arusha (56), Mwanza (35), Tanga (27), Kagera (27), Singida (25) and Kilimanjaro (23).

Of the total number of establishments, 667 (91%) were wholly privately owned while 56 (7.6%) were wholly publicly owned and the remaining 10 (1.4%) establishments were jointly owned. The industrial establishments that were wholly owned by nationals were 577 (78.7%) and those reported to be wholly foreign-owned were 94 (12.8%) while the remaining 62 (8.5%) establishments were under joint venture ownership.

Out of the total 733 industrial establishments in 2009, the majority (686 or 94 percent) were in the manufacturing sector while 38 (5%) were in the energy sector and only 9 (1%) were in the mining sector.

The total number of persons engaged was 105,568 of which, 97,081 (92%) were in manufacturing, 5,890 (5.6%) were in energy and 2,597 (2.4%) were in mining. Dar es Salaam region employed the largest number of workers (32,769 persons, 31%) of which, 32,289 (98%) were in manufacturing.

The 667 private owned establishments engaged a total of 91,654 (87%) workers compared to 10,207 (10%) in 56 public owned establishments.

The 577 establishments which were wholly owned by nationals engaged 57,249 (54%) persons compared to 28,139 (27%) persons that were in wholly foreign owned establishments. The jointly owned establishments had 20,180 (19%) persons.

A total of Tshs. 500,251 million was paid by the industrial establishments as compensation to employees.

The total gross output or total value of goods and services produced by the industrial establishments was Tshs. 6,206,564 million. Sales of goods amounted to Tshs. 5,872,783 million of which 9 percent or Tshs. 555,029 million were exports mainly from food products.

The total cost of production, i.e. intermediate consumption was Tshs. 3,807,119 million of which, Tshs. 2,545,391 million or 67 percent represented the cost of raw materials purchased.

The total value added was Tshs. 2,399,445 million. The composition of value added by industry shows that, manufacturing had the largest contribution of Tshs. 2,046,672 million or 85 percent of the total value added.

1.0 OVERVIEW

1.1 Introduction

Tanzania Mainland had an estimated population of around 40.7 million people in 2009. The economy, which grew by 6.0% in 2009 compared to 7.4% the previous year, is heavily dependent on agriculture. However, in recent years, tourism has been one of the dynamic sectors with significant growth. The industrial sector which comprises Mining/Quarrying, Manufacturing and Electricity, Gas and Water supply contributes an estimated 14.6 percent of GDP and is dominated by “food processing”, “beverages and tobacco”, “manufacture of non-metallic products” and “manufacture of chemicals”. The sector has the potential to contribute substantially towards employment creation, exports, revenue generation and economic growth. In short and medium terms, it is considered as the engine of growth which can transform the economy from a low productivity agricultural one to a highly productive industrialized one. Promotion of industrialization is enshrined in the Tanzania Development Vision (TDV) 2025 and the National Strategy for Growth and Reduction of Poverty (NSGRP).

In order to monitor the sector accurately, more information need to be collected and analyzed for use in planning and other purposes. One of the objectives of the government is to upgrade and modernize the approach to data collection, processing, dissemination and storage of quality statistics.

The United Nations Industrial Development Organization (UNIDO) has provided assistance to improve the Industrial Statistical System in Tanzania Mainland in order to provide coherent, relevant, timely and reliable industrial statistics for knowledge-based industrial policy making. The objective of the Industrial Statistics sub-component was to enhance the capacity of the Ministry of Industry and Trade (MIT), the National Bureau of Statistics (NBS) and the Confederation of Tanzania Industries (CTI) to collaborate in the collection, compilation, analysis, report writing and dissemination of industrial statistics.

This joint Annual Industrial Survey Statistical report gives major findings of the survey conducted in 2011 for the reference calendar year 2009. It covers industrial establishments with ten or more workers. The survey was conducted under the provision of the Statistics Act 2002. The results are based on the UN international recommendations for industrial statistics.

1.2 Objective of the Survey

The Survey aimed at producing basic industrial statistics according to UN international recommendations for industrial statistics. The survey was also intended to:

- (i) Collect statistics on the operating characteristics and structure of the industrial establishments the country;
- (ii) Assess and estimate the contribution of industrial sector to the overall economy;
- (iii) Obtain data for computing national accounts estimates; and
- (iv) Obtain data for construction of Input-Output tables.

1.2.1 General objective

To collect and establish data that would serve for future monitoring and evaluation of implementation of the adopted industrial policies, programmes and strategies.

The survey aimed at providing information on the economic characteristics of Tanzania's industrial sector to management, policy makers, researchers, academia, and the private sector, among others, for uses in planning, policy formulation/review and monitoring and evaluation of government programmes aimed at improving the sector.

1.2.2 Specific objectives

The specific objectives of the survey were:

- (i) To assess the status of the industrial sector performance in the country in 2009;
- (ii) To identify conditions that affect firm-level productivity and competitiveness;
- (iii) To secure inputs for use by the government and other organs in developing/reviewing policies, programmes and strategies that support sector-productivity growth;
- (iv) To provide the private sector with facts to support dialogue with the government and other development partners so as to enhance public-private partnership; and
- (v) To update the existing data at the level of industrial establishments.

2.0 TERMS AND DEFINITIONS

2.1 Employees: (operatives and other employees)

Persons who during the reference period performed some work for an agreed amount of pay in cash or in kind. It includes operatives, and all persons employed on permanent, temporary or on casual terms.

2.2 Operatives

These are workers who are directly engaged in the production or related activities of the establishments including any clerical or working supervisory personnel whose function is to record or expedite any step in production process. They are paid workers who perform essentially manual work that is a direct part of the industrial activity of the establishment. Included in this group are;; persons engaged in extracting, packaging, inspecting or shipping of goods as well as persons engaged in clearing, maintenance, testing or record keeping services and working foremen.

2.3 Other employees

Includes all paid workers other than the operatives. It includes all personnel in production management above the working foremen, managerial, technical, clerical and other office workers. Directors and all others who are not in receipt of regular pay are excluded.

2.4 Persons engaged

This is the total labour force comprised of operatives, other employees, working proprietors and unpaid workers.

2.5 Compensation of employees

Compensation of employees comprises all payments on wages and salaries to employees both in kind and in cash as well as contributions to social security, private pensions, casualty insurance and similar schemes.

2.6 Wages

All cash payments made by the employer to the operatives in connection with the work done. It includes bonuses, overtime, cost of living allowances, commissions and payments made during vacation, sick leave, maternity or casual leave.

2.7 Salaries

All cash payments paid to other employees, commissions and other allowances in connection with the work done. It also includes bonuses and overtime payments.

2.8 Benefits in kind

These are payments made in kind to employees. It is the net cost to the employer of those goods and services given to employees free of charge or at markedly reduced prices. They include food, beverages, tobacco, household clothing etc.

2.9 Intermediate or production costs

Intermediate consumption/production costs of industries covers durable and non-durable goods and services used up in production, including repairs and maintenance of the capital stock, research and direct outlays in the financing of capital formation such as transfer costs involved in purchases of land and intangible assets. The consumption of materials and supplies is the total cost of purchases adjusted by change in stocks of raw materials.

2.10 Gross output

Gross output covers the value in the market of industrial goods and services produced including work in progress and products for own use. Value of goods sold is adjusted by the change in stocks of finished goods and work in progress.

2.11 Gross value added

Gross value added is equal to gross output less the value of the intermediate consumption/production cost. The sum of the value added of all domestic producers gives the contribution to the Gross Domestic Product (GDP). Gross value added may be at factor cost, basic prices or at producers' prices depending on the treatment of taxes on production and subsidies. Value added at basic prices is obtained as the difference between gross output and intermediate consumption whereby output is valued at basic prices and intermediate consumption at purchasers' prices.

2.12 Net value added

This represents the difference between gross value added and the depreciation.

2.13 Gross operating surplus

Gross operating surplus is defined as the excess of value added over the cost of workers' compensation.

2.14 Depreciation

Represent the estimated allowance for wear and tear of fixed assets during the respective accounting year. Throughout this report, the unit of value is the Tanzania shilling.

2.15 Expenditure on fixed assets

This is the sum of the cost of new or old capital equipment acquired and value of assets produced on own account construction. Improvements and major alterations to existing fixed assets are also included

2.16 Gross additions to fixed assets

This is the expenditure on fixed assets (additions) less total disposals of fixed assets

2.17 Value of inventories (stocks)

This item is comprised of the value of all materials and supplies, fuels, finished and semi-finished products and goods for resale, held by, or under the control of, the establishment (at the establishment or in ancillary or other warehouses).

2.18 Basic price

The basic price is the amount receivable by the producer exclusive of taxes on products and inclusive of subsidies on products. It includes taxes on production.

2.19 Purchasers' price

The purchasers' price is the amount payable by the purchaser exclusive of deductible taxes on products (e.g. deductible value added tax).

2.20 Size

In the tables, which show results by size, the following descriptions are used:

10 – 19	Establishments with 10 to 19 persons engaged
20 – 49	Establishments with 20 to 49 persons engaged
50 – 99	Establishments with 50 to 99 persons engaged
100 – 499	Establishments with 100 to 499 persons engaged
500+	Establishments with 500 or more persons engaged

2.21 Ownership

In the tables, which show results by ownership, the following descriptions are used:

Public: All establishments owned by government and all companies in which government has 50 percent or more shares capital.

Private: All establishments owned by private, all companies in which government has less than 50 percent shares capital, companies under Regional or District Cooperative Unions, companies under Cooperative Societies and other companies not stated above.

2.22 Formulae for derived statistical variables in the questionnaire (Appendix: II)

- (i) $\text{Gross output} = \text{Total 5.2} + 5.333 + \text{Total 7 (additions from own production)} + \text{Total 5.3} + \text{Total 5.32} - 5.323 - 4.21 + 6.3(\text{closing} - \text{opening}) + 6.4 (\text{closing} - \text{opening}) + 6.5 (\text{closing} - \text{opening})$
- (ii) $\text{Intermediate Consumption} = \text{Total 4.1} + \text{Total 4.22} + \text{Total 4.31} + \text{Total 4.32} + 3.06 - 6.1 (\text{closing} - \text{opening}) - 6.2 (\text{closing} - \text{opening})$
- (iii) $\text{Expenditure on non-industrial services} = \text{Total 4.32} + 3.06$
- (iv) $\text{Receipt from non-industrial services} = \text{Total 5.32} - 5.323 - 4.21 + 6.5 (\text{closing} - \text{opening})$
- (v) $\text{Compensation of employees} = \text{Total 3} - 3.06 - 3.07$
- (vi) $\text{Taxes on production} = 4.45$
- (vii) $\text{Subsidies} = 5.333$
- (viii) $\text{Value added} = (a) - (b)$
- (ix) $\text{Gross operating surplus} = (h) - (e) - (f) + (g)$
- (x) $\text{Number of employees} = (2.33 + 2.34 - \text{Total (2.21} + 2.22) - \text{Total (2.23} + 2.24))$ for both Tanzanian + Foreign

3.0 METHODOLOGY

3.1 Reference period

Data on fixed assets and working capital were requested for and supplied on financial year basis, while the rest of the data was requested for and in many cases supplied on a 2009 calendar year basis. Those establishments that could not supply data according to calendar year due to allocation problems were advised to supply the data according to the financial years that covered larger part of the reference calendar year.

3.2 Industrial classification

Establishments were classified into industries on the basis of major activity in conformity with the International Standard Industrial Classification (ISIC) Revision 4. Each industry is basically defined in terms of its principal products or services, these being similar in nature or commonly associated in production. Moreover, in order to ensure confidentiality of information at individual establishment level, data have been classified in 19 main industrial groups of ISIC Revision 4.

3.3 Unit of enquiry

This is an establishment defined as an economic unit which engages under a single ownership or control in one, or predominantly one kind of economic activity at a single physical location i.e. an individual firm, mine, factory or workshop. However, for certain firms which could not furnish separate data on an establishment basis, the enterprise was used as the unit of enquiry. It should be noted here that due to record keeping practices of some firms, it has not been possible in every case to strictly follow the definition of an establishment as stated above. Therefore in a few cases, the restrictions especially on location were relaxed.

3.4 Scope and coverage of the survey

The survey covered all industrial establishments with ten or more workers. The survey coverage comprised of 733 establishments.

According to the latest UN International Recommendations, the industrial sector is comprised of establishments engaged in “Mining and quarrying” (ISIC Revision 4, Section B), “Manufacturing” (Section C), “Electric power generation, transmission and distribution” (Section D) and “Water collection, treatment and supply” (Section E).

Manufacturing, according to international recommendations, is defined as the physical or chemical transformation of materials or components into new products, whether the work is performed by power-driven machines or by hand, whether it is done in a factory or in the worker's home, and whether the products are sold at wholesale or retail prices.

3.5 The questionnaire

The questionnaire was designed according to "The International Recommendations for Industrial Statistics" of the United Nations and took into consideration the requirements of the stakeholders. The information collected satisfies the needs of national accounts and are considered to be useful to the government, researchers and the business community. For the questionnaire used, see Annex A. The following, was the information collected through the questionnaire:

3.5.1 General Information

Name, address, telephone number, principal activity and type of ownership etc.

3.5.2 Employment

Persons Engaged refers to average number of employees (operatives and other employees), working proprietors and unpaid family workers.

3.5.3 Labour costs

Wages, salaries, benefits in kind and employers' contribution to social security schemes.

3.5.4 Inputs/purchases

Value of raw, packaging and chemical materials consumed, cost of re-sales, services received and other costs.

3.5.5 Output

Quantity and value of principal products manufactured, sales and services rendered to other firms, value of capital goods constructed by the establishment for own use and the value of subsidies received.

3.5.6 Inventory of working capital

Value of stocks of materials and stores, finished products and work in progress at the beginning and at the end of the accounting year.

3.5.7 Expenditure on fixed assets and depreciation

Capital expenditure on land, buildings and structures, machinery/equipment, vehicles and other fixed assets during the accounting year. Depreciations and disposals made on the respective fixed assets.

3.6 Response

Of the **874** surveyed establishments, **39** were found to be either closed or engaged in non-industrial activities. Out of the remaining **835** establishments **102** were small as they were operating with fewer than ten workers. The number of potential respondents therefore stood at **733**. However, of these **52** did not respond to the survey despite all effort made by the fieldworkers. For these establishments, production estimates were worked out based on their previous responses to the NBS surveys. The production data presented in this report therefore refer to the **733** industrial establishments.

3.7 Data collection

Data collection was undertaken by a trained team of 38 enumerators under the supervision of 21 supervisors, being one supervisor per region. Supervisors were responsible for the training of enumerators in their respective regions.

Fieldwork started in October, 2010 and was completed by the end of April, 2011. The field-staff were recruited in their respective regions. They visited all the establishments and assisted in filling in the questionnaires. Respondents were asked to provide the data from their accounting records for the calendar year 2009.

3.8 Data processing

Completed questionnaires were sent back to the NBS headquarters in Dar es Salaam where they were edited and coded by MITM, NBS and CTI staff. The data entry system used was CSPro after which the data were transferred to Microsoft Access for generation of tables.

The editing exercise was carried out for all the questionnaires and estimates were made for the **52** establishments by means of substitutions using their 2008 responses. The cleaned dataset was then used to generate the preliminary tables as per tabulation plan.

3.9 Organisation of the report

The report presents the industrial statistics according to the latest UN recommendations (2008). The tables are grouped separately at the end of the report and refer to establishments with 10 or more workers. In total, there were 733 such establishments which were in operation during the reference year (2009). The report also presents the main findings relating to quantitative information collected through the survey. Tables referring to such information are integrated within the section giving the major findings. The tables therefore refer to the respondents only as indicated therein.

4.0 LIMITATIONS AND MAJOR FINDINGS

The industrial sector of Tanzania Mainland is relatively small but growing quite rapidly. According to national accounts estimates compiled by the NBS, the sector accounted for about 14.6 percent of GDP in 2009. The current survey reveals that, within the sector, manufacturing activities account for 85 percent of the total value added and about 92 percent of employment. The manufacturing sector has the potential to contribute substantially towards employment creation, exports, revenue generation and economic growth.

4.1 Limitations of the presented statistics

Since the survey was jointly conducted by “parties”, the survey contents and results have taken into account the needs of the parties as well as other users. However, the users are hereby cautioned that; the survey had the following limitations.

- i. The survey was conducted according to the International Recommendations for Industrial Statistics. The tendency among establishments to hide information relating mainly to outputs and to over-report on inputs due to the belief that information supplied would reach Income Tax Authorities. The regular conduct of such surveys would help in dissipating this fear and at the same time, improve the quality and reliability of the supplied information.
- ii. A number of establishments were sometimes engaged in several important but dissimilar activities. Because of non-availability of separate records, these establishments have been classified according to the activity with the highest output. Information relating to a particular ISIC group might, therefore, include data of other secondary activities as well.
- iii. Many establishments could not provide detailed information for certain items such as:
 - a. Consumption of electricity, water and fuels separately;
 - b. Purchase of raw materials and sales from own production by main product;
 - c. Values of stocks as well as values of fixed assets by type; and
 - d. Level of stocks and assets.

These and other missing data had to be estimated.

- iv. A number of establishments do not have books of accounts.
- v. The report includes tables on sales and purchases by product category. These should, however, be used with caution since some establishments did not report such details.

The above limitations, however, have no serious effect on the overall quality and reliability of the survey results. Statistics presented in this report reflect the current status and structure of the large establishments in Tanzania Mainland's industrial sector. The government, business community and other users can make good use of these results, which constitute the only available information based on international recommendations for industrial statistics.

4.2 Major Findings

4.2.1 Number of establishments

The number of industrial establishments that engaged 10 or more persons and operated in Tanzania Mainland were 733. The highest concentrations of such establishments were in Dar es Salaam (378) followed by Arusha (56), Mwanza (35), Tanga (27), Kagera (27). Singida (25) and Kilimanjaro (23). (**Annex Table 1**).

Of the total establishments, 667 were privately owned followed by publicly owned (56) and mixed ownership (10). The number of establishments that were owned by nationals were 577, and the wholly foreign-owned were 94. The remaining 62 establishments were under joint venture ownership. (**Annex Tables 2 and 3**).

Out of the 733 industrial establishments, the majority (686 or 94 percent) operated in the manufacturing sub-sector. Within this sub-sector, 244 establishments were engaged in the "manufacture of food products, beverage and tobacco products" with 206 solely in food manufacturing. Other important activities were "manufacture of furniture" (81), "printing" (52), "manufacture of chemicals" (31), "manufacture of fabricated metal products, except machinery and equipment" (23), and "manufacture of rubber, plastics and non-mineral products" (22). **Annex Tables 3-8 and 32** give more details on the number of industrial establishments by important industry group.

There were 43 establishments engaging 500 or more persons of which 40 were in manufacturing. Most of the 43 establishments, 12 (28 %) were in Dar es Salaam followed by Morogoro 6 (14%) and Arusha/Iringa had 5 (12%) each. The number of establishments engaging 10 to 49 persons was 444 (61%), those which engaged 50 to 99 persons were 112 (15%) while those which engaged 100 to 499 persons were 134 (18%) of the total sector establishments). (**Annex Tables 4 and 5**).

The following was the distribution of establishments by type of legal organisation: private limited companies (369, 50%), private companies (203, 28%), sole proprietorships (63, 8%), public (29, 4%), parastatals (25, 3%), partnerships (19, 3%), Cooperatives (19, 3%), and others (6, 1%). (**Annex Table 6**).

Of the total establishment, 251 (34.2%) were established before 1990. The remaining establishments started the activities as follows: 1990 – 1994 (56, 7.6%), 1995-1999 (118, 16.1%), 2000-2004 (163, 22.2%) and 2005 or later (145, 19.7%). (**Annex Tables 7 and 8**).

4.2.2 Employment and compensation of employees (wages and salaries)

The total number of persons engaged in the 733 industrial establishments was 105,568 of which, 97,081 was in “manufacturing”. Dar es Salaam region engaged the largest number of persons (32,769, 31%) of which, 32,289 were in “manufacturing”. Other regions which had relatively significant number of workers were Morogoro (17,276, 16%), Arusha (15,881, 15%), Iringa (6,865, 7%), Tanga (6,079, 6%), Kagera (6,022, 6%) and Kilimanjaro (4,775, 4%). Employment in the other regions ranged between 108 (0.1%) in Lindi to 3,787 (3.6%) in Mwanza. (**Annex Tables 9 and 38**).

The 667 private establishments engaged a total of 91,654 (87%) persons compared to 10,207 (10%) persons engaged by the 56 public establishments. The 10 other (mixed) establishments engaged 3,707 (3%) persons. (**Annex Tables 2 and 10**).

Establishments which were owned by nationals engaged 57,249 (54%) persons compared to 28,139 (27%) persons by the foreign owners. The jointly owned establishments engaged 20,180 (19%) persons. (**Annex Table 11**).

Most workers 58,940 (55.8%) were engaged by 43 establishments which were in the 500 or more size group. A total of 12 establishments in this category were in Dar es Salaam engaging a total of 9,091 workers while Morogoro region had 16,383 and Arusha 12,002 workers with 6 and 3 establishments respectively. (**Annex Tables 4, 12 and 13**).

Out of the 105,568 workers in “manufacturing”, 37,045 were in food products manufacturing. Other important sub-sectors in terms of persons engaged were “manufacture of other textiles” (12,163), “manufacture of beverages ” (5,450), “manufacture of rubber and plastics products” (4,329), “printing” (4,055) and “manufacture of tobacco products” (3,815). Details of employment by industrial activities are shown in (**Annex Table 9**).

Establishments which started operation before 1990 engaged 55,092 workers. The establishments which started operation during the 2000 to 2004 period engaged 17,985 while those that were established after 2005 engaged 12,363 workers (**Annex Table 15**).

From 30th June, 2009 to 31st December, 2009 the number of persons decreased from 103,914 to 101,160. (**Annex Tables 17 and 18**).

Annex Tables 19 and 20 show the distribution of persons engaged by status and sex. Out of the 105,568 workers, 74,477 (71%) were males. The paid employees were 102,780 comprising of 17,568 managerial and professional staff, 81,715 operatives (41,484 skilled) and others 4,758 employees. There was a total of 1,666 foreign workers of whom 1,525 were males.

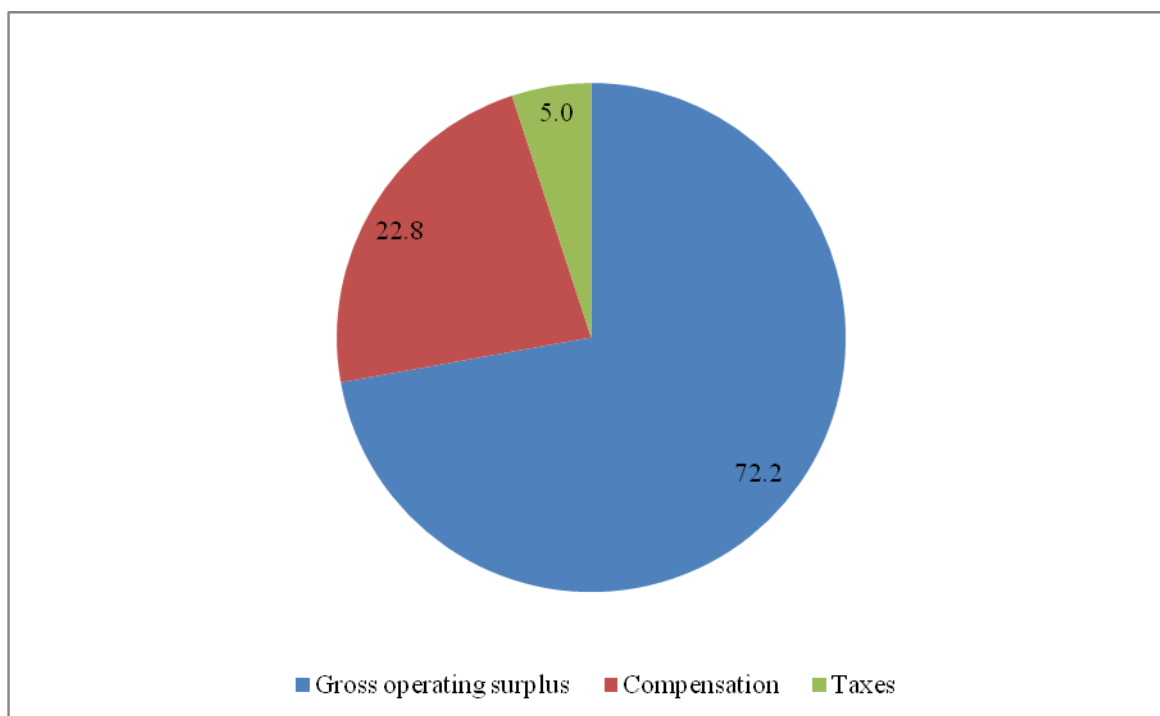
4.2.3 Gross Output

The gross output or total value of goods and services produced by the industrial establishments amounted to Tshs. 6,206,564 million. Local sales of goods amounted to Tshs. 5,317,754 million (8.6%) while exports (mainly of food products) amounted to, Tshs. 555,029 million or about 8.9 percent of the gross output. Receipts from services (industrial and non-industrial) amounted to only Tshs. 130,600 million or 2 percent of the gross output. (**Annex Table 26**).

Total cost of production, i.e. intermediate consumption amounted to Tshs. 3,807,119 million of which Tshs. 2,545,391 million or 67 percent of the total cost was the cost of raw materials consumed. About 12.6 percent or Tshs. 319,855 million worth of raw materials was imported. Services (industrial and non-industrial) consumed amounted to Tshs. 646,510 million of which Tshs. 174,160 million were industrial while the consumption of electricity, water and fuels was Tshs. 490,235 million. (**Annex Tables 22 and 25**).

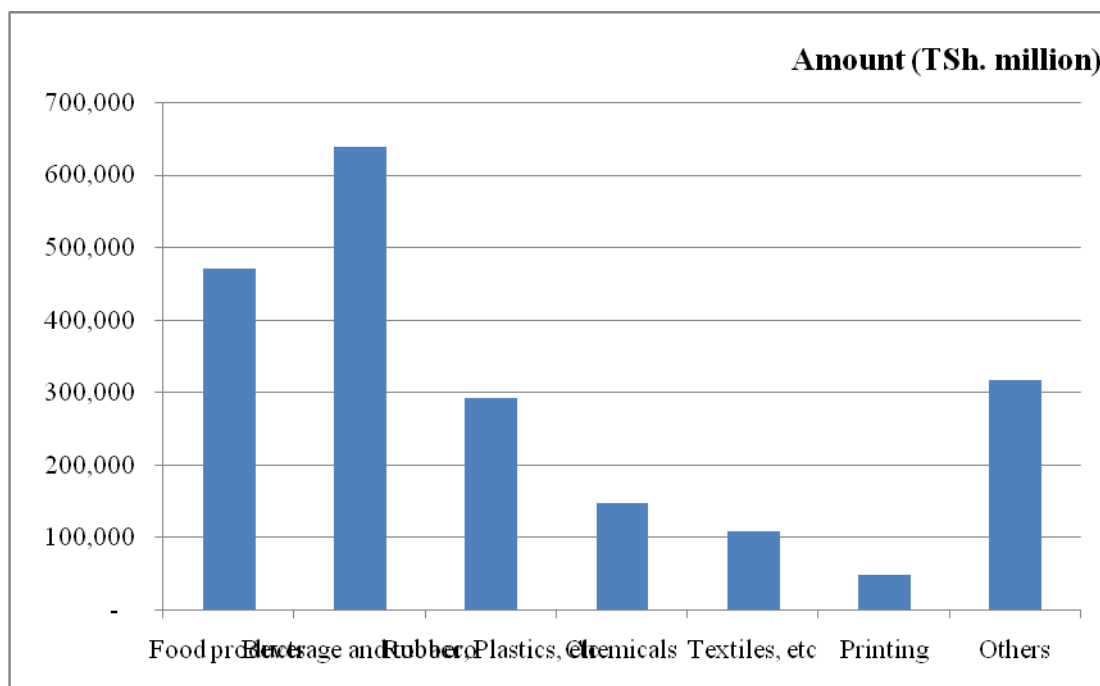
Value added which measures the contribution of the industrial sector to GDP is obtained by deducting intermediate consumption from the gross output. Out of the total value added (Tshs. 2,399,445 million) generated by the sector, Tshs. 500,251 million (21%) were paid to employees as wages and salaries (compensation of employees). The remainder which after deducting Tshs. 119,583 million paid as taxes on production (less subsidies) to the government represents gross operating surplus (or gross profit) which amounted to Tshs. 1,779,611 million or 74 percent of the value added.

Figure 4.2.1: Components of value added in percentage for establishments that engaged 10 persons or more, 2009



Analysis of value added by activity shows that 84 percent of the total value added (Tshs. 2,018,295 million) was generated by the “manufacturing” sub-sector. Within this sub-sector, “manufacture of beverages and tobacco products” contributed Tshs. 638,251 million followed by the “manufacture of food products” which generated Tshs. 470,410 million, “manufacture of rubber, plastics and non-mineral products” Tshs. 291,063 million and “manufacture of chemicals including pharmaceutical products” Tshs. 146,879 million. Value added of the large industrial establishments by main activity is given in (**Annex Table 34 and Figure 4.2.2**).

Figure 4.2.2: Value added of establishments that engaged 10 persons or more by industrial activity, 2009



4.2.4 Value of fixed assets

The total value of fixed assets held by industrial establishments at the end of 2009 was Tshs. 3,301,992 million. The value takes into account depreciation during the year. Machinery and equipment accounted for 56 percent of the total gross value of fixed assets. However, it should be noted that, some establishments did not provide the details by type of assets and lumped all the assets held in “other” category. Net investment during the year amounted to Tshs. 593,372, million of which, Tshs. 435,805 million or 73 percent was used for the purchase of machinery and equipment (including transport) and the construction of buildings. (**Annex Tables 30 and 31**).

5. WAY FORWARD/ RECOMMENDATIONS

The following are the recommendations made on the basis of the 2009 survey:

1. The frame, i.e. list of establishments should be prepared by the different stakeholders well before the launching of the survey so as to avoid exclusion of important establishments.
2. Use of computer editing procedure by defining validation rules in the system is highly emphasized to minimize human errors. The quality of data can further be improved by the following:
 - Use of a shorter questionnaire so as to reduce respondent's burden by requesting information on only the main industrial statistics.
 - Inclusion of perception/qualitative questions in the survey should be reconsidered.
3. Training of enumerators and supervisors should be provided by parties under the supervision of NBS.
4. Need to have the support of various industries and employers' associations before the launching of the survey should be emphasized. This may be facilitated through publicity workshops so as to sensitize the industrial entrepreneurs on the importance of statistical data for planning, policy and decision making, e.t.c.

Table 1: Number of establishments by industrial activity and region -2009

ISIC Rev.4	Description	Region							Total	
		Dar es Salaam	Arusha	Mwanza	Singida	Tanga	Kagera	Kilimanjaro		Other
6	Extraction of crude petroleum and natural gas	1	-	-	-	-	-	-	-	1
7	Mining of metal ores	-	-	-	-	-	-	-	1	1
8	Other mining and quarrying	-	-	-	-	1	-	1	5	7
B	Mining and quarrying	1	-	-	-	1	-	1	6	9
10	Manufacture of food products	70	16	11	19	10	17	5	58	206
11	Manufacture of beverages	15	5	3	-	1	-	3	8	35
12	Manufacture of tobacco products	1	-	-	-	-	-	-	2	3
13	Manufacture of textiles	11	3	1	-	2	-	-	5	22
14	Manufacture of wearing apparel	1	-	-	-	-	-	-	-	1
15	Manufacture of leather and related products	3	-	2	-	-	-	1	1	7
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	9	1	3	-	-	-	-	8	21
17	Manufacture of paper and paper products	2	-	-	-	-	-	2	1	5
18	Printing and reproduction of recorded media	34	5	1	-	2	2	2	6	52
20	Manufacture of chemicals and chemical products	23	3	1	-	-	-	-	4	31
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	4	1	1	-	-	-	-	-	6
22	Manufacture of rubber and plastics products	20	1	-	-	-	-	-	1	22
23	Manufacture of other non-metallic mineral products	19	3	-	-	2	-	1	5	30
24	Manufacture of basic metals	7	1	1	-	-	-	-	1	10
25	Manufacture of fabricated metal products, except machinery and equipment	15	5	1	-	-	-	1	1	23
27	Manufacture of electrical equipment	5	-	-	-	-	-	-	2	7
28	Manufacture of machinery and equipment n.e.c.	5	-	-	-	-	-	-	2	7
29	Manufacture of motor vehicles, trailers and semi-trailers	8	-	-	-	-	-	-	-	8
30	Manufacture of other transport equipment	1	-	-	-	-	-	-	2	3
31	Manufacture of furniture	50	-	4	4	1	4	4	14	81
32	Other manufacturing	68	10	3	-	6	1	2	8	98
33	Repair and installation of machinery and equipment	3	-	2	-	1	-	-	2	8
	Manufacturing	374	54	34	23	25	24	21	131	686
D	Electricity, gas, steam and air conditioning supply	2	2	1	1	1	2	1	14	24
E	Water collection, treatment and supply	1	-	-	1	-	1	-	11	14
	Total	378	56	35	25	27	27	23	162	733

Table 2: Number of establishments by industrial activity and form of ownership -2009

ISIC Rev.4	Industrial activity	Form of ownership			Total
		Public	Private	Mixed	
6	Extraction of crude petroleum and natural gas	-	1	-	1
7	Mining of metal ores	-	1	-	1
8	Other mining and quarrying	1	6	-	7
B	Mining and quarrying	1	8	-	9
10	Manufacture of food products	7	196	3	206
11	Manufacture of beverages	2	30	3	35
12	Manufacture of tobacco products	-	2	1	3
13	Manufacture of textiles	1	20	1	22
14	Manufacture of wearing apparel	-	1	-	1
15	Manufacture of leather and related products	-	7	-	7
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	21	-	21
17	Manufacture of paper and paper products	1	4	-	5
18	Printing and reproduction of recorded media	4	48	-	52
20	Manufacture of chemicals and chemical products	-	31	-	31
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	6	-	6
22	Manufacture of rubber and plastics products	1	21	-	22
23	Manufacture of other non-metallic mineral products	1	28	1	30
24	Manufacture of basic metals	-	10	-	10
25	Manufacture of fabricated metal products, except machinery and equipment	1	22	-	23
27	Manufacture of electrical equipment	-	7	-	7
28	Manufacture of machinery and equipment n.e.c.	1	6	-	7
29	Manufacture of motor vehicles, trailers and semi-trailers	-	8	-	8
30	Manufacture of other transport equipment	-	3	-	3
31	Manufacture of furniture	2	79	-	81
32	Other manufacturing	7	90	1	98
33	Repair and installation of machinery and equipment	1	7	-	8
	Manufacturing	29	647	10	686
D	Electricity, gas, steam and air conditioning supply	21	3	-	24
E	Water collection, treatment and supply	5	9	-	14
	Total	56	667	10	733

Table 3: Number of establishments by industrial activity and origin of ownership -2009

ISIC Rev.4	Industrial activity	Origin of ownership			Total
		National	Foreign	Joint	
6	Extraction of crude petroleum and natural gas	1	-	-	1
7	Mining of metal ores	-	1	-	1
8	Other mining and quarrying	3	2	2	7
B	Mining and quarrying	4	3	2	9
10	Manufacture of food products	158	28	20	206
11	Manufacture of beverages	22	8	5	35
12	Manufacture of tobacco products	-	2	1	3
13	Manufacture of textiles	14	3	5	22
14	Manufacture of wearing apparel	1	-	-	1
15	Manufacture of leather and related products	5	1	1	7
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	18	1	2	21
17	Manufacture of paper and paper products	2	3	-	5
18	Printing and reproduction of recorded media	46	2	4	52
20	Manufacture of chemicals and chemical products	20	8	3	31
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	2	3	1	6
22	Manufacture of rubber and plastics products	15	6	1	22
23	Manufacture of other non-metallic mineral products	27	1	2	30
24	Manufacture of basic metals	6	4	-	10
25	Manufacture of fabricated metal products, except machinery and equipment	17	4	2	23
27	Manufacture of electrical equipment	6	1	-	7
28	Manufacture of machinery and equipment n.e.c.	5	1	1	7
29	Manufacture of motor vehicles, trailers and semi-trailers	8	-	-	8
30	Manufacture of other transport equipment	3	-	-	3
31	Manufacture of furniture	76	3	2	81
32	Other manufacturing	78	11	9	98
33	Repair and installation of machinery and equipment	8	-	-	8
C	Manufacturing	537	90	59	686
D	Electricity, gas, steam and air conditioning supply	22	1	1	24
E	Water collection, treatment and supply	14	-	-	14
	Total	577	94	62	733

Table 4: Number of establishments by industrial activity and size -2009

ISIC Rev.4	Industrial activity	Persons Engaged Size class					Total
		10-19	20-49	50-99	100-499	500+	
6	Extraction of crude petroleum and natural gas	1	-	-	-	-	1
7	Mining of metal ores	-	-	-	-	1	1
8	Other mining and quarrying	1	1	-	3	2	7
B	Mining and quarrying	2	1	-	3	3	9
10	Manufacture of food products	84	47	38	24	13	206
11	Manufacture of beverages	2	16	4	8	5	35
12	Manufacture of tobacco products	-	-	-	-	3	3
13	Manufacture of textiles	5	1	4	4	8	22
14	Manufacture of wearing apparel	-	1	-	-	-	1
15	Manufacture of leather and related products	-	3	2	1	1	7
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	10	6	1	4	-	21
17	Manufacture of paper and paper products	-	-	-	3	2	5
18	Printing and reproduction of recorded media	13	21	7	10	1	52
20	Manufacture of chemicals and chemical products	10	7	4	10	-	31
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1	1	1	2	1	6
22	Manufacture of rubber and plastics products	1	5	10	5	1	22
23	Manufacture of other non-metallic mineral products	13	10	3	3	1	30
24	Manufacture of basic metals	2	1	2	5	-	10
25	Manufacture of fabricated metal products, except machinery and equipment	5	9	3	6	-	23
27	Manufacture of electrical equipment	2	1	2	2	-	7
28	Manufacture of machinery and equipment n.e.c.	3	4	-	-	-	7
29	Manufacture of motor vehicles, trailers and semi-trailers	3	5	-	-	-	8
30	Manufacture of other transport equipment	2	-	1	-	-	3
31	Manufacture of furniture	49	23	6	2	1	81
32	Other manufacturing	41	17	14	23	3	98
33	Repair and installation of machinery and equipment	6	2	-	-	-	8
C	Manufacturing	252	180	102	112	40	686
D	Electricity, gas, steam and air conditioning supply	2	2	5	15	-	24
E	Water collection, treatment and supply	1	4	5	4	-	14
	Total	257	187	112	134	43	733

Table 5: Number of establishments by region and employment size -2009

Region	Persons Engaged Size class					Total
	10-19	20-49	50-99	100-499	500+	
Dodoma	3	3	1	2	-	9
Arusha	15	17	9	10	5	56
Kilimanjaro	8	5	3	4	3	23
Tanga	4	5	7	8	3	27
Morogoro	4	4	3	2	6	19
Coast	3	2	-	3	-	8
Dar es Salaam	156	84	58	68	12	378
Lindi	2	3	-	-	-	5
Mtwara	2	4	3	-	-	9
Ruvuma	4	3	1	1	-	9
Iringa	6	4	2	5	5	22
Mbeya	5	5	1	6	1	18
Singida	15	7	3	-	-	25
Tabora	1	2	-	3	-	6
Rukwa	-	1	5	-	-	6
Kigoma	4	3	1	2	-	10
Shinyanga	2	5	-	4	1	12
Kagera	5	11	4	5	2	27
Mwanza	9	12	4	7	3	35
Mara	7	-	4	4	1	16
Manyara	2	7	3	-	1	13
Total	257	187	112	134	43	733

Table 6: Number of establishments by industrial activity and type of legal organisation -2009

(Number)

ISIC Rev.4	Industrial activity	Type of legal organization								Total
		Sole proprietorship	Partnership	Public	Parastatal	Cooperative	Private company	Private company Limited	Other	
6	Extraction of crude petroleum and natural gas	-	-	-	-	-	-	1	-	1
7	Mining of metal ores	-	-	-	-	-	-	1	-	1
8	Other mining and quarrying	-	-	2	-	-	2	3	-	7
B	Mining and quarrying	-	-	2	-	-	2	5	-	9
10	Manufacture of food products	35	10	3	3	3	70	79	3	206
11	Manufacture of beverages	-	1	2	-	-	4	28	-	35
12	Manufacture of tobacco products	-	-	-	-	-	1	2	-	3
13	Manufacture of textiles	2	1	1	-	-	6	12	-	22
14	Manufacture of wearing apparel	-	-	-	-	-	-	1	-	1
15	Manufacture of leather and related products	-	-	-	-	-	-	7	-	7
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1	-	-	1	-	9	10	-	21
17	Manufacture of paper and paper products	-	-	1	-	-	1	3	-	5
18	Printing and reproduction of recorded media	3	-	1	-	3	9	36	-	52
20	Manufacture of chemicals and chemical products	2	1	-	1	1	6	20	-	31
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	1	-	-	-	1	4	-	6
22	Manufacture of rubber and plastics products	-	-	1	-	-	6	15	-	22
23	Manufacture of other non-metallic mineral products	1	1	2	-	-	9	17	-	30

Table 6 (ctd): Number of establishments by industrial activity and type of legal organisation -2009

(Number)

ISIC Rev.4	Industrial activity	Type of legal organization								Total
		Sole proprietorship	Partnership	Public	Parastatal	Cooperative	Private company	Private company Limited	Other	
24	Manufacture of basic metals	-	-	-	-	-	4	6	-	10
25	Manufacture of fabricated metal products, except machinery and equipment	2	-	2	-	-	4	15	-	23
27	Manufacture of electrical equipment	-	-	-	-	-	1	6	-	7
28	Manufacture of machinery and equipment n.e.c.	-	-	1	-	-	1	5	-	7
29	Manufacture of motor vehicles, trailers and semi-trailers	-	-	-	-	-	-	8	-	8
30	Manufacture of other transport equipment	-	-	-	-	-	-	2	1	3
31	Manufacture of furniture	11	2	-	-	11	35	21	1	81
32	Other manufacturing	5	2	1	-	1	30	59	-	98
33	Repair and installation of machinery and equipment	-	-	1	-	-	2	4	1	8
C	Manufacturing	62	19	16	5	19	199	360	6	686
D	Electricity, gas, steam and air conditioning supply	-	-	4	18	-	1	1	-	24
E	Water collection, treatment and supply	1	-	7	2	-	1	3	-	14
	Total	63	19	29	25	19	203	369	6	733

Table 7: Number of establishments by industrial activity and year operation started -2009

		Year operation started					(Number)
ISIC Rev.4	Industrial activity	<1990	>=2005	1990-1994	1995-1999	2000-2004	Total
	6 Extraction of crude petroleum and natural gas	-	-	-	-	1	1
	7 Mining of metal ores	-	-	-	1	-	1
	8 Other mining and quarrying	2	-	-	3	2	7
B	Mining and quarrying	2	0	0	4	3	9
	10 Manufacture of food products	53	60	11	29	53	206
	11 Manufacture of beverages	12	6	2	8	7	35
	12 Manufacture of tobacco products	2	-	-	1	-	3
	13 Manufacture of textiles	8	5	-	3	6	22
	14 Manufacture of wearing apparel	1	-	-	-	-	1
	15 Manufacture of leather and related products	-	-	2	3	2	7
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	8	7	-	1	5	21
	17 Manufacture of paper and paper products	1	2	-	2	-	5
	18 Printing and reproduction of recorded media	24	2	6	6	14	52
	20 Manufacture of chemicals and chemical products	12	6	3	5	5	31
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	2	1	1	2	-	6
	22 Manufacture of rubber and plastics products	2	5	4	4	7	22
	23 Manufacture of other non-metallic mineral products	10	3	4	4	9	30
	24 Manufacture of basic metals	1	4	-	2	3	10
	25 Manufacture of fabricated metal products, except machinery and equipment	7	4	3	4	5	23
	27 Manufacture of electrical equipment	4	2	-	-	1	7
	28 Manufacture of machinery and equipment n.e.c.	2	-	1	1	3	7
	29 Manufacture of motor vehicles, trailers and semi-trailers	5	1	1	1	-	8
	30 Manufacture of other transport equipment	1	-	-	1	1	3
	31 Manufacture of furniture	23	12	9	14	23	81
	32 Other manufacturing	38	23	8	15	14	98
	33 Repair and installation of machinery and equipment	7	-	-	-	1	8
C	Manufacturing	223	143	55	106	159	686
D	Electricity, gas, steam and air conditioning supply	24	-	-	-	-	24
E	Water collection, treatment and supply	2	2	1	8	1	14
	Total	251	145	56	118	163	733

Table 8: Number of establishments by region and year operation started

Region	Year operation started					Total
	<1990	>=2005	1990-1994	1995-1999	2000-2004	
Dodoma	1	5	-	2	1	9
Arusha	22	8	3	10	13	56
Kilimanjaro	13	-	2	1	7	23
Tanga	13	2	-	7	5	27
Morogoro	8	1	2	5	3	19
Coast	2	1	-	3	2	8
Dar es Salaam	126	74	31	51	96	378
Lindi	2	-	-	2	1	5
Mtwara	5	1	-	2	1	9
Ruvuma	6	2	-	-	1	9
Iringa	6	3	2	6	5	22
Mbeya	8	3	-	2	5	18
Singida	1	15	1	3	5	25
Tabora	3	1	-	2	-	6
Rukwa	1	3	-	2	-	6
Kigoma	2	4	1	2	1	10
Shinyanga	5	4	-	2	1	12
Kagera	9	5	2	5	6	27
Mwanza	8	6	10	6	5	35
Mara	3	5	-	4	4	16
Manyara	7	2	2	1	1	13
Total	251	145	56	118	163	733

Table 9: Number of persons engaged by industrial activity and region -2009

ISIC Rev.4	Industrial activity	Region								(Number)
		Dar es Salaam	Arusha	Morogoro	Iringa	Tanga	Kagera	Kilimanjaro	Other	Total
6	Extraction of crude petroleum and natural gas	19	-	-	-	-	-	-	-	19
7	Mining of metal ores	-	-	-	-	-	-	-	742	742
8	Other mining and quarrying	-	-	-	-	130	-	18	1,688	1,836
B	Mining and quarrying	19	-	-	-	130	-	18	2,430	2,597
10	Manufacture of food products	4,856	1,081	11,401	3,477	2,930	5,613	2,841	4,846	37,045
11	Manufacture of beverages	3,274	247	-	-	41	-	610	1,278	5,450
12	Manufacture of tobacco products	671	-	3,144	-	-	-	-	-	3,815
13	Manufacture of textiles	2,231	6,462	1,427	-	676	-	-	1,367	12,163
14	Manufacture of wearing apparel	21	-	-	-	-	-	-	-	21
15	Manufacture of leather and related products	461	-	587	-	-	-	44	68	1,160
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	534	28	-	-	-	-	-	572	1,134
17	Manufacture of paper and paper products	217	-	-	1,476	-	-	684	-	2,377
18	Printing and reproduction of recorded media	3,574	158	89	-	25	36	42	131	4,055
20	Manufacture of chemicals and chemical products	2,649	39	-	-	-	-	-	143	2,831
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	849	130	-	-	-	-	-	15	994
22	Manufacture of rubber and plastics products	2,231	2,005	93	-	-	-	-	-	4,329
23	Manufacture of other non-metallic mineral products	1,582	70	26	-	330	-	71	296	2,375
24	Manufacture of basic metals	1,172	14	31	-	-	-	-	131	1,348
25	Manufacture of fabricated metal products, except machinery and equipment	919	830	-	-	-	-	15	289	2,053
27	Manufacture of electrical equipment	500	-	-	-	-	-	-	29	529

Table 9 (Ctd): Number of persons engaged by industrial activity and region -2009

ISIC Rev.4	Industrial activity	Region								(Number)
		Dar es Salaam	Arusha	Morogoro	Iringa	Tanga	Kagera	Kilimanjaro	Other	Total
28	Manufacture of machinery and equipment n.e.c.	97	-	12	-	-	-	-	23	132
29	Manufacture of motor vehicles, trailers and semi-trailers	223	-	-	-	-	-	-	-	223
30	Manufacture of other transport equipment	19	-	-	-	-	-	-	75	94
31	Manufacture of furniture	1,241	-	73	698	43	78	96	441	2,670
32	Other manufacturing	4,920	4,248	29	721	1,579	18	64	579	12,158
33	Repair and installation of machinery and equipment	48	-	-	19	10	-	-	48	125
C	Manufacturing	32,289	15,312	16,912	6,391	5,634	5,745	4,467	10,331	97,081
D	Electricity, gas, steam and air conditioning supply	402	569	364	161	315	201	390	2,148	4,550
E	Water collection, treatment and supply	59	-	-	313	-	76	-	892	1,340
	Total	32,769	15,881	17,276	6,865	6,079	6,022	4,875	15,801	105,568

Table 10: Number of persons engaged by industrial activity and form of ownership -2009

ISIC Rev.4	Industrial activity	Form of ownership			Total
		Public	Private	Mixed	
	6 Extraction of crude petroleum and natural gas	-	19	-	19
	7 Mining of metal ores	-	742	-	742
	8 Other mining and quarrying	556	1,280	-	1,836
B	Mining and quarrying	556	2,041	-	2,597
	10 Manufacture of food products	755	35,628	662	37,045
	11 Manufacture of beverages	89	4,282	1,079	5,450
	12 Manufacture of tobacco products	-	3,144	671	3,815
	13 Manufacture of textiles	507	11,107	549	12,163
	14 Manufacture of wearing apparel	-	21	-	21
	15 Manufacture of leather and related products	-	1,160	-	1,160
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	1,134	-	1,134
	17 Manufacture of paper and paper products	1,476	901	-	2,377
	18 Printing and reproduction of recorded media	89	3,966	-	4,055
	20 Manufacture of chemicals and chemical products	-	2,831	-	2,831
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	994	-	994
	22 Manufacture of rubber and plastics products	415	3,914	-	4,329
	23 Manufacture of other non-metallic mineral products	300	1,826	249	2,375
	24 Manufacture of basic metals	-	1,348	-	1,348
	25 Manufacture of fabricated metal products, except machinery and equipment	17	2,036	-	2,053
	27 Manufacture of electrical equipment	-	529	-	529
	28 Manufacture of machinery and equipment n.e.c.	23	109	-	132
	29 Manufacture of motor vehicles, trailers and semi-trailers	-	223	-	223
	30 Manufacture of other transport equipment	-	94	-	94
	31 Manufacture of furniture	40	2,630	-	2,670
	32 Other manufacturing	1,223	10,438	497	12,158
	33 Repair and installation of machinery and equipment	19	106	-	125
C	Manufacturing	4,953	88,421	3,707	97,081
	35 Electricity, gas, steam and air conditioning supply	4,284	266	-	4,550
	36 Water collection, treatment and supply	414	926	-	1,340
	Total	10,207	91,654	3,707	105,568

Table 11: Number of persons engaged by industrial activity and origin of ownership - 2009

ISIC Rev. 4	Description	National	Foreign	Joint	Total
6	Extraction of crude petroleum and natural gas	19	-	-	19
7	Mining of metal ores	-	742	-	742
8	Other mining and quarrying	497	592	747	1,836
B	Mining and quarrying	516	1,334	747	2,597
10	Manufacture of food products	21,980	4,583	10,482	37,045
11	Manufacture of beverages	2,544	1,425	1,481	5,450
12	Manufacture of tobacco products	-	3,144	671	3,815
13	Manufacture of textiles	5,533	4,400	2,230	12,163
14	Manufacture of wearing apparel	21	-	-	21
15	Manufacture of leather and related products	1,080	52	28	1,160
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	988	34	112	1,134
17	Manufacture of paper and paper products	677	1,700	-	2,377
18	Printing and reproduction of recorded media	3,319	79	657	4,055
20	Manufacture of chemicals and chemical products	1,822	737	272	2,831
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	238	662	94	994
22	Manufacture of rubber and plastics products	1,849	2,324	156	4,329
23	Manufacture of other non-metallic mineral products	1,307	16	1,052	2,375
24	Manufacture of basic metals	338	1,010	-	1,348
25	Manufacture of fabricated metal products, except machinery and equipment	924	598	531	2,053

Table 11 (Ctd): Number of persons engaged by industrial activity and origin of ownership - 2009

ISIC Rev. 4	Description	National	Foreign	Joint	Total
27	Manufacture of electrical equipment	360	169	-	529
28	Manufacture of machinery and equipment n.e.c.	100	10	22	132
29	Manufacture of motor vehicles, trailers and semi-trailers	223	-	-	223
30	Manufacture of other transport equipment	94	-	-	94
31	Manufacture of furniture	1,945	694	31	2,670
32	Other manufacturing	5,506	5,158	1,494	12,158
33	Repair and installation of machinery and equipment	125	-	-	125
C	Manufacturing	50,973	26,795	19,313	97,081
35	Electricity, gas, steam and air conditioning supply	4,420	10	120	4,550
36	Water collection, treatment and supply	1,340	-	-	1,340
	Total	57,249	28,139	20,180	105,568

Table 12: Number of persons engaged by industrial activity and size – 2009

ISIC Rev. 4	Description	Persons Engaged Size class					Total
		10-19	20-49	50-99	100-499	500+	
6	Extraction of crude petroleum and natural gas	19	-	-	-	-	19
7	Mining of metal ores	-	-	-	-	742	742
8	Other mining and quarrying	18	36	-	609	1,173	1,836
B	Mining and quarrying	37	36	-	609	1,915	2,597
10	Manufacture of food products	1,023	1,488	2,810	4,798	26,926	37,045
11	Manufacture of beverages	23	518	264	1,477	3,168	5,450
12	Manufacture of tobacco products	-	-	-	-	3,815	3,815
13	Manufacture of textiles	66	41	274	950	10,832	12,163
14	Manufacture of wearing apparel	-	21	-	-	-	21
15	Manufacture of leather and related products	-	112	121	340	587	1,160
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	136	205	84	709	-	1,134
17	Manufacture of paper and paper products	-	-	-	332	2,045	2,377
18	Printing and reproduction of recorded media	187	608	477	2,195	588	4,055
20	Manufacture of chemicals and chemical products	131	288	265	2,147	-	2,831
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	15	45	94	238	602	994
22	Manufacture of rubber and plastics products	17	160	763	1,384	2,005	4,329
23	Manufacture of other non-metallic mineral products	168	324	225	906	752	2,375
24	Manufacture of basic metals	29	31	147	1,141	-	1,348
25	Manufacture of fabricated metal products, except machinery and equipment	70	280	175	1,528	-	2,053

Table 12 (Ctd): Number of persons engaged by industrial activity and size – 2009

ISIC Rev. 4	Description	Persons Engaged Size class					Total
		10-19	20-49	50-99	100-499	500+	
27	Manufacture of electrical equipment	29	41	170	289	-	529
28	Manufacture of machinery and equipment n.e.c.	32	100	-	-	-	132
29	Manufacture of motor vehicles, trailers and semi-trailers	36	187	-	-	-	223
30	Manufacture of other transport equipment	29	-	65	-	-	94
31	Manufacture of furniture	610	699	382	347	632	2,670
32	Other manufacturing	471	544	1,015	5,055	5,073	12,158
33	Repair and installation of machinery and equipment	77	48	-	-	-	125
C	Manufacturing	3,149	5,740	7,331	23,836	57,025	97,081
35	Electricity, gas, steam and air conditioning supply	26	48	327	4,149	-	4,550
36	Water collection, treatment and supply	16	120	357	847	-	1,340
	Total	3,228	5,944	8,015	29,441	58,940	105,568

Table 13: Number of persons engaged by region and size – 2009

Region	Persons Engaged Size class					Total
	10-19	20-49	50-99	100-499	500+	
Dodoma	38	86	65	419	-	608
Arusha	182	584	636	2,477	12,002	15,881
Kilimanjaro	121	184	174	729	3,667	4,875
Tanga	49	166	614	1,717	3,533	6,079
Morogoro	60	111	235	487	16,383	17,276
Coast	36	40	-	686	-	762
Dar es Salaam	1,880	2,660	4,128	15,010	9,091	32,769
Lindi	25	83	-	-	-	108
Mtwara	24	111	182	-	-	317
Ruvuma	57	92	91	126	-	366
Iringa	84	147	141	1,139	5,354	6,865
Mbeya	68	118	72	1,447	1,150	2,855
Singida	206	204	174	-	-	584
Tabora	19	54	-	659	-	732
Rukwa	-	37	358	-	-	395
Kigoma	43	114	81	301	-	539
Shinyanga	23	156	-	815	617	1,611
Kagera	76	350	305	1,161	4,130	6,022
Mwanza	126	407	262	1,277	1,715	3,787
Mara	88	-	321	991	556	1,956
Manyara	23	240	176	-	742	1,181
Total	3,228	5,944	8,015	29,441	58,940	105,568

Table 14: Number of person engaged by industrial activity and type of legal organisation – 2009

ISIC Rev. 4	Description	Total	Legal Organisation							Other
			Sole proprietorship	Partnership	Public	Parastatal	Cooperative	Private company	Private company Limited	
6	Extraction of crude petroleum and natural gas	19	-	-	-	-	-	-	19	-
7	Mining of metal ores	742	-	-	-	-	-	-	742	-
8	Other mining and quarrying	1,836	-	-	870	-	-	201	765	-
B	Mining and quarrying	2,597	-	-	870	-	-	201	1,526	-
10	Manufacture of food products	37,045	828	346	89	389	93	5,339	29,925	36
11	Manufacture of beverages	5,450	-	952	89	-	-	104	4,305	-
12	Manufacture of tobacco products	3,815	-	-	-	-	-	860	2,955	-
13	Manufacture of textiles	12,163	77	549	507	-	-	3,332	7,698	-
14	Manufacture of wearing apparel	21	-	-	-	-	-	-	21	-
15	Manufacture of leather and related products	1,160	-	-	-	-	-	-	1,160	-
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,134	13	-	-	107	-	125	889	-
17	Manufacture of paper and paper products	2,377	-	-	1,476	-	-	108	793	-
18	Printing and reproduction of recorded media	4,055	69	-	27	-	67	409	3,483	-
20	Manufacture of chemicals and chemical products	2,831	21	34	-	10	45	333	2,388	-
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	994	-	45	-	-	-	108	841	-
22	Manufacture of rubber and plastics products	4,329	-	-	415	-	-	343	3,571	-

Table 14 (Ctd): Number of person engaged by industrial activity and type of legal organisation – 2009

ISIC Rev. 4	Description	Total	Legal Organisation							Other
			Sole proprietorship	Partnership	Public	Parastatal	Cooperative	Private company	Private company Limited	
23	Manufacture of other non-metallic mineral products	2,375	26	16	371	-	-	133	1,829	-
24	Manufacture of basic metals	1,348	-	-	-	-	-	578	770	-
25	Manufacture of fabricated metal products, except machinery and equipment	2,053	32	-	261	-	-	74	1,686	-
27	Manufacture of electrical equipment	529	-	-	-	-	-	94	435	-
28	Manufacture of machinery and equipment n.e.c.	132	-	-	23	-	-	24	85	-
29	Manufacture of motor vehicles, trailers and semi-trailers	223	-	-	-	-	-	-	223	-
30	Manufacture of other transport equipment	94	-	-	-	-	-	-	84	10
31	Manufacture of furniture	2,670	283	50	-	-	295	744	1,288	10
32	Other manufacturing	12,158	57	82	170	-	10	1,960	9,879	-
33	Repair and installation of machinery and equipment	125	-	-	19	-	-	21	74	11
C	Manufacturing	97,081	1,406	2,074	3,447	506	510	14,689	74,382	67
35	Electricity, gas, steam and air conditioning supply	4,550	-	-	772	3,648	-	10	120	-
36	Water collection, treatment and supply	1,340	16	-	500	366	-	297	161	-
	Total	105,568	1,422	2,074	5,589	4,520	510	15,197	76,189	67

Table 15: Number of persons engaged by industrial activity and year operation started - 2009

ISIC Rev. 4	Description	Year operation started					Total
		<1990	1990-1994	1995-1999	2000-2004	>=2005	
	6 Extraction of crude petroleum and natural gas	-	-	-	19	-	19
	7 Mining of metal ores	-	-	742	-	-	742
	8 Other mining and quarrying	653	-	609	574	-	1,836
B	Mining and quarrying	653	-	1,351	593	-	2,597
	10 Manufacture of food products	24,382	1,556	3,516	5,853	1,738	37,045
	11 Manufacture of beverages	2,561	153	1,210	998	528	5,450
	12 Manufacture of tobacco products	2,955	-	860	-	-	3,815
	13 Manufacture of textiles	3,714	-	521	3,411	4,517	12,163
	14 Manufacture of wearing apparel	21	-	-	-	-	21
	15 Manufacture of leather and related products	-	84	979	97	-	1,160
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	262	-	49	574	249	1,134
	17 Manufacture of paper and paper products	115	-	678	-	1,584	2,377
	18 Printing and reproduction of recorded media	1,502	471	259	1,688	135	4,055
	20 Manufacture of chemicals and chemical products	1,133	490	601	378	229	2,831
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	732	108	109	-	45	994
	22 Manufacture of rubber and plastics products	77	274	2,264	1,140	574	4,329
	23 Manufacture of other non-metallic mineral products	1,877	174	75	198	51	2,375
	24 Manufacture of basic metals	14	-	162	612	560	1,348
	25 Manufacture of fabricated metal products, except machinery and equipment	1,150	56	193	439	215	2,053
	27 Manufacture of electrical equipment	292	-	-	120	117	529
	28 Manufacture of machinery and equipment n.e.c.	33	31	12	56	-	132
	29 Manufacture of motor vehicles, trailers and semi-trailers	187	10	12	-	14	223
	30 Manufacture of other transport equipment	19	-	65	10	-	94
	31 Manufacture of furniture	698	326	461	987	198	2,670
	32 Other manufacturing	7,824	559	1,638	613	1,524	12,158
	33 Repair and installation of machinery and equipment	98	-	-	27	-	125
C	Manufacturing	49,646	4,292	13,664	17,201	12,278	97,081
	35 Electricity, gas, steam and air conditioning supply	4,550	-	-	-	-	4,550
	36 Water collection, treatment and supply	243	297	524	191	85	1,340
	Total	55,092	4,589	15,539	17,985	12,363	105,568

Table 16: Number of persons engaged by region and year operation started - 2009

Region	Year operation started					Total
	<1990	1990-1994	1995-1999	2000-2004	>=2005	
Dodoma	244	-	206	10	148	608
Arusha	7,673	156	2,331	996	4,725	15,881
Kilimanjaro	4,023	63	569	220	-	4,875
Tanga	4,731	-	834	315	199	6,079
Morogoro	14,044	112	1,517	1,576	27	17,276
Coast	440		276	30	16	762
Dar es Salaam	14,097	2,099	5,575	7,534	3,464	32,769
Lindi	33	-	61	14	-	108
Mtwara	154	-	76	74	13	317
Ruvuma	126	-	-	23	217	366
Iringa	986	770	716	2,788	1,605	6,865
Mbeya	649	-	409	1,736	61	2,855
Singida	50	40	66	127	301	584
Tabora	365	-	348	-	19	732
Rukwa	62	-	102	-	231	395
Kigoma	148	10	246	23	112	539
Shinyanga	1,163	-	49	117	282	1,611
Kagera	4,064	190	736	843	189	6,022
Mwanza	1,331	1,075	361	618	402	3,787
Mara	403	-	319	905	329	1,956
Manyara	306	74	742	36	23	1,181
Total	55,092	4,589	15,539	17,985	12,363	105,568

Table 17: Evolution in persons engaged by industrial activity, June to December 2009

					(Number)		
ISIC Rev. 4	Description	June			December		
		Male	Female	Total	Male	Female	Total
	6 Extraction of crude petroleum and natural gas	18	-	18	18	-	18
	7 Mining of metal ores	744	41	785	706	36	742
	8 Other mining and quarrying	1,532	219	1,751	1,594	231	1,825
B	Mining and quarrying	2,294	260	2,554	2,318	267	2,585
	10 Manufacture of food products	26,078	9,251	35,329	25,733	8,687	34,420
	11 Manufacture of beverages	4,051	864	4,915	4,300	876	5,176
	12 Manufacture of tobacco products	2,665	2,077	4,742	2,014	2,150	4,164
	13 Manufacture of textiles	7,514	7,316	14,830	6,631	7,523	14,154
	14 Manufacture of wearing apparel	15	6	21	15	6	21
	15 Manufacture of leather and related products	680	447	1,127	682	471	1,153
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	813	167	980	1,102	164	1,266
	17 Manufacture of paper and paper products	1,766	300	2,066	1,769	332	2,101
	18 Printing and reproduction of recorded media	2,372	1,201	3,573	2,379	1,185	3,564
	20 Manufacture of chemicals and chemical products	2,176	605	2,781	2,181	604	2,785
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	667	353	1,020	643	361	1,004
	22 Manufacture of rubber and plastics products	1,768	2,055	3,823	2,097	2,190	4,287
	23 Manufacture of other non-metallic mineral products	1,361	295	1,656	1,262	291	1,553
	24 Manufacture of basic metals	1,184	35	1,219	1,207	35	1,242
	25 Manufacture of fabricated metal products, except machinery and equipment	1,886	166	2,052	1,891	167	2,058
	27 Manufacture of electrical equipment	417	49	466	417	52	469
	28 Manufacture of machinery and equipment n.e.c.	108	3	111	105	3	108
	29 Manufacture of motor vehicles, trailers and semi-trailers	206	17	223	205	18	223
	30 Manufacture of other transport equipment	51	9	60	48	13	61
	31 Manufacture of furniture	3,831	313	4,144	2,029	317	2,346
	32 Other manufacturing	6,817	4,600	11,417	6,618	4,778	11,396
	33 Repair and installation of machinery and equipment	100	11	111	104	14	118
C	Manufacturing	66,526	30,140	96,666	63,432	30,237	93,669
	35 Electricity, gas, steam and air conditioning supply	3,171	257	3,428	2,787	876	3,663
	36 Water collection, treatment and supply	807	459	1,266	803	440	1,243
	Total	72,798	31,116	103,914	69,340	31,820	101,160

Table 18: Evolution in persons engaged by region, June to December 2009

Region	June			December			(Number)
	Male	Female	Total	Male	Female	Total	
Dodoma	493	123	616	476	129	605	
Arusha	8,408	7,066	15,474	7,561	7,103	14,664	
Kilimanjaro	3,777	924	4,701	5,205	991	6,196	
Tanga	3,034	2,374	5,408	3,070	2,602	5,672	
Morogoro	12,170	5,830	18,000	11,575	5,992	17,567	
Coast	511	134	645	313	336	649	
Dar es Salaam	24,345	6,769	31,114	23,234	6,953	30,187	
Lindi	56	6	62	56	6	62	
Mtwara	276	3,242	3,518	284	3,234	3,518	
Ruvuma	270	112	382	154	95	249	
Iringa	5,573	1,864	7,437	3,652	964	4,616	
Mbeya	1,282	396	1,678	1,351	510	1,861	
Singida	333	151	484	330	223	553	
Tabora	507	40	547	535	41	576	
Rukwa	348	41	389	336	38	374	
Kigoma	422	90	512	468	92	560	
Shinyanga	1,228	170	1,398	1,172	183	1,355	
Kagera	4,116	1,001	5,117	4,242	1,186	5,428	
Mwanza	3,034	432	3,466	2,749	792	3,541	
Mara	1,477	281	1,758	1,484	278	1,762	
Manyara	1,138	70	1,208	1,093	72	1,165	
Total	72,798	31,116	103,914	69,340	31,820	101,160	

Table 19: Number of persons engaged by industrial activity, status and sex – 2009

ISIC Rev. 4	Description	Employees											Grand Total		Total persons engaged
		Working Proprietors		Managerial and professional staff		Operatives skilled		Operatives Unskilled		Other					
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
62	Extraction of natural gas	1	-	-	-	18	-	-	-	-	-	-	19	-	19
72	Mining of non-ferrous metal ores	27	-	32	20	170	16	477	-	-	-	-	706	36	742
81	Quarrying of stone, sand and clay	-	-	155	42	629	15	-	-	27	2	-	811	59	870
89	Mining and quarrying n.e.c.	1	-	140	8	255	33	230	119	167	13	-	793	173	966
B	Mining and quarrying	29		327	70	1072	64	707	119	194	15		2329	268	2597
101	Processing and preserving of meat	-	-	6	6	4	1	11	10	-	-	-	21	17	38
102	Processing and preserving of fish, crustaceans and molluscs	19	3	388	91	656	135	321	214	-	-	-	1384	443	1827
103	Processing and preserving of fruit and vegetables	6	2	17	13	18	22	26	30	5	5	-	72	72	144
104	Manufacture of vegetable and animal oils and fats	68	33	174	65	397	44	454	183	73	136	-	1166	461	1627
106	Manufacture of grain mill products, starches and starch products	53	17	249	82	792	225	1164	517	55	39	-	2313	880	3193
107	Manufacture of other food products	114	53	2743	863	9405	2176	7758	4469	2027	469	-	22047	8030	30077
108	Manufacture of prepared animal feeds	8	1	10	3	41	7	31	38	-	-	-	90	49	139
110	Manufacture of beverages	49	14	1265	258	1664	305	1371	332	169	23	-	4518	932	5450
120	Manufacture of tobacco products	-	-	555	89	1461	1061	649	-	-	-	-	2665	1150	3815
131	Spinning, weaving and finishing of textiles	6	1	452	115	703	1744	50	18	5	2	-	1216	1880	3096
139	Manufacture of other textiles	23	13	316	113	2390	741	2197	2990	237	47	-	5163	3904	9067
141	Manufacture of wearing apparel, except fur apparel	5	-	2	3	5	1	3	2	-	-	-	15	6	21

Table 19 (Ctd): Number of persons engaged by industrial activity, status and sex – 2009

ISIC Rev. 4	Description	Employees										Grand Total		Total persons engaged
		Working Proprietors		Managerial and professional staff		Operatives skilled		Operatives Unskilled		Other		Male	Female	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	9	-	90	23	185	103	58	36	-	-	342	162	504
152	Manufacture of footwear	2	-	33	29	286	280	20	-	6	-	347	309	656
161	Sawmilling and planing of wood	18	-	24	8	79	6	99	5	14	2	234	21	255
162	Manufacture of products of wood, cork, straw and plaiting materials	25	3	119	41	189	47	365	90	-	-	698	181	879
170	Manufacture of paper and paper products	5	-	161	52	348	71	1297	59	208	176	2019	358	2377
181	Printing and service activities related to printing	112	50	858	536	936	314	743	485	15	6	2664	1391	4055
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	10	-	152	79	701	250	55	8	-	3	918	340	1258
202	Manufacture of other chemical products	48	36	334	104	378	52	490	73	49	9	1299	274	1573
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	5	1	137	64	325	188	117	132	15	10	599	395	994
221	Manufacture of rubber products	34	9	18	2	20	-	13	-	-	-	85	11	96
222	Manufacture of plastics products	44	1	216	59	1259	1430	560	651	-	13	2079	2154	4233
239	Manufacture of non-metallic mineral products n.e.c.	48	4	360	117	1176	327	254	37	45	7	1883	492	2375
241	Manufacture of basic iron and steel	15	-	60	9	246	2	604	1	-	-	925	12	937
242	Manufacture of basic precious and other non-ferrous metals	4	-	32	1	40	9	7	1	-	-	83	11	94

Table 19 (Ctd): Number of persons engaged by industrial activity, status and sex – 2009

ISIC Rev. 4	Description	Employees										Grand Total		Total persons engaged
		Working Proprietors		Managerial and professional staff		Operatives skilled		Operatives Unskilled		Other		Male	Female	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female			
243	Casting of metals Manufacture of structural metal products, tanks, reservoirs and steam generators	1	-	-	-	123	13	180	-	-	-	304	13	317
251	Manufacture of other fabricated metal products; metalworking service activities	35	-	168	23	185	25	23	-	-	-	411	48	459
259	Manufacture of batteries and accumulators	24	5	147	68	1118	42	187	3	-	-	1476	118	1594
272	Manufacture of wiring and wiring devices	2	-	59	9	32	16	35	16	-	-	128	41	169
273	Manufacture of electric lighting equipment	3	-	22	5	66	1	107	10	-	-	198	16	214
274	Manufacture of other electrical equipment	-	-	12	5	27	-	32	-	-	-	71	5	76
279	Manufacture of general-purpose machinery	3	-	25	6	27	-	9	-	-	-	64	6	70
281	Manufacture of special-purpose machinery	2	-	7	1	11	-	8	-	3	-	31	1	32
282	Manufacture of motor vehicles Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi- trailers	5	1	39	2	13	-	32	-	8	-	97	3	100
291	Manufacture of parts and accessories for motor vehicles	1	-	3	3	28	-	4	1	-	-	36	4	40
292	Building of ships and boats Manufacture of transport equipment n.e.c.	3	1	12	3	53	2	17	-	-	-	85	6	91
293	Manufacture of furniture Manufacture of jewellery, bijouterie and related articles	7	-	30	9	7	-	39	-	-	-	83	9	92
301	Manufacture of furniture Manufacture of jewellery, bijouterie and related articles	2	-	5	3	42	4	9	-	-	-	58	7	65
309	Manufacture of furniture Manufacture of jewellery, bijouterie and related articles	3	1	1	-	16	3	-	5	-	-	20	9	29
310	Manufacture of furniture Manufacture of jewellery, bijouterie and related articles	158	27	413	82	664	74	962	140	135	15	2,332	338	2,670
321	Manufacture of furniture Manufacture of jewellery, bijouterie and related articles	32	-	39	3	81	1	58	3	-	-	210	7	217

Table 19 (Ctd): Number of persons engaged by industrial activity, status and sex – 2009

ISIC Rev. 4	Description	Employees										Grand Total		Total persons engaged
		Working Proprietors		Managerial and professional staff		Operatives skilled		Operatives Unskilled		Other		Male	Female	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
325	Manufacture of medical and dental instruments and supplies	-	-	1	2	8	12	-	-	9	14	18	28	46
329	Other manufacturing n.e.c. Repair of fabricated metal products, machinery and equipment	89	7	792	428	2,115	997	4,016	3,433	17	1	7,029	4,866	11,895
331	Manufacturing	7	-	23	11	56	3	25	-	-	-	111	14	125
C	Manufacturing	1,107	283	1,0569	3,488	28376	10,734	24,460	13,992	3,095	977	67,607	29,474	97,081
351	Electric power generation, transmission and distribution	1	-	2,209	678	577	70	726	77	195	17	3708	842	4,550
360	Water collection, treatment and supply	90	17	168	59	467	124	95	55	13	252	833	507	1,340
	Total	1,227	300	13,273	4,295	30,492	10,992	25,988	14243	3,497	1,261	74,477	31,091	105,568

Table 20: Number of persons engaged by industrial activity, nationality and sex – 2009

ISIC Rev. 4	Description	Tanzania			Foreigners			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
62	Extraction of natural gas	19	-	19	-	-	-	19	-	19
72	Mining of non-ferrous metal ores	677	36	713	29	-	29	706	36	742
81	Quarrying of stone, sand and clay	715	57	772	96	2	98	811	59	870
89	Mining and quarrying n.e.c.	777	172	949	16	1	17	793	173	966
B	Mining and quarrying	2,188	265	2,453	141	3	144	2,329	268	2,597
101	Processing and preserving of meat	21	17	38	-	-	-	21	17	38
102	Processing and preserving of fish, crustaceans and molluscs	1,297	438	1,735	87	5	92	1,384	443	1,827
103	Processing and preserving of fruit and vegetables	63	72	135	9	-	9	72	72	144
104	Manufacture of vegetable and animal oils and fats	1,134	457	1,591	32	4	36	1,166	461	1,627
106	Manufacture of grain mill products, starches and starch products	2,236	872	3,108	77	8	85	2,313	880	3,193
107	Manufacture of other food products	21,958	8,022	29,980	89	8	97	22,047	8,030	30,077
108	Manufacture of prepared animal feeds	89	49	138	1	-	1	90	49	139
110	Manufacture of beverages	4,433	930	5,363	85	2	87	4,518	932	5,450
120	Manufacture of tobacco products	2,656	1,150	3,806	9	-	9	2,665	1,150	3,815
131	Spinning, weaving and finishing of textiles	1,151	1,832	2,983	65	48	113	1,216	1,880	3,096

Table 20 (Ctd): Number of persons engaged by industrial activity, nationality and sex – 2009

ISIC Rev. 4	Description	Tanzania			Foreigners			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
139	Manufacture of other textiles	5,070	3,889	8,959	93	15	108	5,163	3,904	9,067
141	Manufacture of wearing apparel, except fur apparel	15	6	21	-	-	-	15	6	21
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	333	162	495	9	-	9	342	162	504
152	Manufacture of footwear	337	309	646	10	-	10	347	309	656
161	Sawmilling and planing of wood	221	21	242	13	-	13	234	21	255
162	Manufacture of products of wood, cork, straw and plaiting materials	661	180	841	37	1	38	698	181	879
170	Manufacture of paper and paper products	1,964	358	2,322	55	-	55	2,019	358	2,377
181	Printing and service activities related to printing	2,605	1,371	3,976	59	20	79	2,664	1,391	4,055
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	884	340	1,224	34	-	34	918	340	1,258
202	Manufacture of other chemical products	1,250	269	1,519	49	5	54	1,299	274	1,573
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	571	395	966	28	-	28	599	395	994
221	Manufacture of rubber products	77	11	88	8	-	8	85	11	96
222	Manufacture of plastics products	1,947	2,152	4,099	132	2	134	2,079	2,154	4,233
239	Manufacture of non-metallic mineral products n.e.c.	1,857	491	2,348	26	1	27	1,883	492	2,375
241	Manufacture of basic iron and steel	878	12	890	47	-	47	925	12	937
242	Manufacture of basic precious and other non-ferrous metals	79	11	90	4	-	4	83	11	94
243	Casting of metals	289	12	301	15	1	16	304	13	317
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	398	48	446	13	-	13	411	48	459

Table 20 (Ctd): Number of persons engaged by industrial activity, nationality and sex – 2009

ISIC Rev. 4	Description	Tanzania			Foreigners			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
259	Manufacture of other fabricated metal products; metalworking service activities	1,457	115	1,572	19	3	22	1,476	118	1,594
272	Manufacture of batteries and accumulators	124	41	165	4	-	4	128	41	169
273	Manufacture of wiring and wiring devices	196	16	212	2	-	2	198	16	214
274	Manufacture of electric lighting equipment	63	5	68	8	-	8	71	5	76
279	Manufacture of other electrical equipment	64	6	70	-	-	-	64	6	70
281	Manufacture of general-purpose machinery	27	1	28	4	-	4	31	1	32
282	Manufacture of special-purpose machinery	95	3	98	2	-	2	97	3	100
291	Manufacture of motor vehicles	36	4	40	-	-	-	36	4	40
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	83	6	89	2	-	2	85	6	91
293	Manufacture of parts and accessories for motor vehicles	83	9	92	-	-	-	83	9	92
301	Building of ships and boats	58	7	65	-	-	-	58	7	65
309	Manufacture of transport equipment n.e.c.	19	8	27	1	1	2	20	9	29
310	Manufacture of furniture	2,295	335	2,630	37	3	40	2,332	338	2,670
321	Manufacture of jewellery, bijouterie and related articles	210	7	217	-	-	-	210	7	217
325	Manufacture of medical and dental instruments and supplies	17	28	45	1	-	1	18	28	46
329	Other manufacturing n.e.c.	6,830	4,857	11,687	199	9	208	7,029	4,866	11,895
331	Repair of fabricated metal products, machinery and equipment	101	13	114	10	1	11	111	14	125

Table 20 (Ctd): Number of persons engaged by industrial activity, nationality and sex – 2009

ISIC Rev. 4	Description	Tanzania			Foreigners			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
C	Manufacturing	66,232	29,337	95,569	1,375	137	1,512	67,607	29,474	97,081
351	Electric power generation, transmission and distribution	3,704	841	4,545	4	1	5	3,708	842	4,550
360	Water collection, treatment and supply	828	507	1,335	5	-	5	833	507	1,340
	Total	72,952	30,950	103,902	1,525	141	1,666	74,477	31,091	105,568

Table 21: Compensation of employees and labour costs by industrial activity – 2009

(Tshs '000')

ISIC Rev. 4	Description	Gross Wages	Overtime Payment	Reimbursement	Payments in kind	Employer contribution	Compensation to employees	Training expense	Other	Total
62	Extraction of natural gas	342,900	-	41,850	134	20,100	404,984	5,145	61,950	472,079
72	Mining of non-ferrous metal ores	4,483,257	166,610	-	-	939,695	5,589,562	11,161	48,605	5,649,328
81	Quarrying of stone, sand and clay	35,236,996	-	-	4,112,418	3,438,016	42,787,430	427,756	3,951,757	47,166,943
89	Mining and quarrying n.e.c.	10,565,155	725,847	392,775	17,613	86,024	11,787,414	51,342	75,748	11,914,504
B	Mining and quarrying	50,628,308	892,457	434,625	4,130,165	4,483,835	60,569,390	495,404	4,138,060	65,202,854
101	Processing and preserving of meat	77,640	-	-	7,300	7,476	92,416	-	-	92,416
102	Processing and preserving of fish, crustaceans and molluscs	3,636,939	27,393	166,802	192,276	562,874	4,586,284	5,564	372,087	4,963,935
103	Processing and preserving of fruit and vegetables	276,189	830	28,116	15,654	24,058	344,847	1,400	600	346,847
104	Manufacture of vegetable and animal oils and fats	2,850,387	26,004	526,403	168,769	165,169	3,736,732	16,244	275,643	4,028,619
106	Manufacture of grain mill products	6,739,354	80,968	479,413	135,928	509,565	7,945,228	16,349	371,972	8,333,549
107	Manufacture of other food products	61,456,678	2,909,715	4,545,859	7,941,712	6,133,390	82,987,354	2,535,854	2,197,844	87,721,052
108	Manufacture of prepared animal feeds	94,007	-	2,594	14,934	2,711	114,246	-	12,305	126,551
110	Manufacture of beverages	51,012,024	1,023,077	5,758,178	2,668,109	3,402,064	63,863,452	1,278,812	3,420,972	68,563,236
120	Manufacture of tobacco products	8,203,670	170,316	182,414	674,982	682,626	9,914,008	58,474	3,555,583	13,528,065
131	Spinning, weaving and finishing of textiles	4,322,607	944	175,147	583,844	388,512	5,471,054	1,650	45,748	5,518,452
139	Manufacture of other textiles	5,713,802	16,737	287,602	429,203	381,787	6,829,131	102,503	109,094	7,040,728
141	Manufacture of wearing apparel, except fur apparel	11,030	-	390	-	14,560	25,980	-	1,807	27,787

Table 21 (Ctd): Compensation of employees and labour costs by industrial activity - 2009

										(Tshs '000)
ISIC Rev. 4	Description	Gross Wages	Overtime Payment	Reimbursement	Payments in kind	Employer contribution	Compensation to employees	Training expense	Other	Total
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	3,477,073	4,000	57,229	304,707	253,422	4,096,431	2,400	191,049	4,289,880
152	Manufacture of footwear	239,114	-	17,691	-	23,015	279,820	-	156,677	436,497
161	Sawmilling and planing of wood	321,021	28,974	72,109	76,746	20,489	519,339	5,500	11,563	536,402
162	Manufacture of products of wood, cork, straw and plaiting materials	1,674,008	45,135	32,950	49,860	160,644	1,962,597	68,223	546,509	2,577,329
170	Manufacture of paper and paper products	4,400,908	155,196	356,600	32,342	272,834	5,217,880	2,668	98,407	5,318,955
181	Printing and service activities related to printing	11,494,224	46,154	490,596	734,761	5,930,135	18,695,870	129,854	1,351,252	20,176,976
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	4,957,635	314,819	215,006	222,500	293,631	6,003,591	40,800	122,614	6,167,005
202	Manufacture of other chemical products	3,596,538	55,851	451,894	1,545,219	362,348	6,011,850	63,608	1,696,879	7,772,337
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	3,580,469	340,766	271,100	458,077	328,358	4,978,770	69,157	328,060	5,375,987
221	Manufacture of rubber products	304,000	20,000	4,000	9,240	635,000	972,240	2,000,000	1,000,000	3,972,240
222	Manufacture of plastics products	6,020,293	253,077	228,391	235,017	329,976	7,066,754	150,417	339,061	7,556,232
239	Manufacture of non-metallic mineral products n.e.c.	18,297,125	1,253,482	461,636	2,275,891	2,404,048	24,692,182	948,688	935,489	26,576,359
241	Manufacture of basic iron and steel	1,352,736	580	87,023	84,099	120,515	1,644,953	-	-	1,644,953
242	Manufacture of basic precious and other non-ferrous metals	133,005	-	20,257	-	-	153,262	-	-	153,262
243	Casting of metals	1,031,483	412,000	-	-	61,889	1,505,372	-	-	1,505,372
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1,332,056	-	15,504	74,289	130,344	1,552,193	-	91,238	1,643,431

Table 21 (Ctd): Compensation of employees and labour costs by industrial activity - 2009

										(Tshs '000)
ISIC Rev. 4	Description	Gross Wages	Overtime Payment	Reimbursement	Payments in kind	Employer contribution	Compensation to employees	Training expense	Other	Total
259	Manufacture of other fabricated metal products; metalworking service activities	2,931,230	262,163	433,077	414,857	369,002	4,410,329	83,898	822,221	5,316,448
272	Manufacture of batteries and accumulators	492,671	-	-	-	43,050	535,721	-	75,290	611,011
273	Manufacture of wiring and wiring devices	941,146	-	134,959	65,767	103,643	1,245,515	42,262	29,414	1,317,191
274	Manufacture of electric lighting equipment	59,040	-	7,992	866	5,904	73,802	-	4,780	78,582
279	Manufacture of other electrical equipment	97,115	19,312	7,925	12,890	11,643	148,885	-	281	149,166
281	Manufacture of general-purpose machinery	175,975	-	15,699	6,182	14,447	212,303	-	36,798	249,101
282	Manufacture of special-purpose machinery	165,968	16,640	11,664	18,249	6,041	218,562	1,290	126,653	346,505
291	Manufacture of motor vehicles	88,681	-	6,226	1,050	10,779	106,736	-	78,308	185,044
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	223,165	4,102	2,959	4,298	26,193	260,717	6,175	15,333	282,225
293	Manufacture of parts and accessories for motor vehicles	115,468	-	16,600	23,881	6,547	162,496	-	1,661	164,157
301	Building of ships and boats	25,760	-	8,910	9,870	1,650	46,190	-	28,659	74,849
309	Manufacture of transport equipment n.e.c.	50,569	-	-	343	869	51,781	-	-	51,781
310	Manufacture of furniture	2,782,035	63,828	692,756	152,062	244,017	3,934,698	177,895	230,184	4,342,777
321	Manufacture of jewellery, bijouterie and related articles	99,066	-	-	690	10,450	110,206	5,271	1,535	117,012
325	Manufacture of medical and dental instruments and supplies	18,766	-	-	4,290	3,104	26,160	-	1,258	27,418
329	Other manufacturing n.e.c.	32,902,825	1,075,327	1,315,834	2,214,234	2,573,272	40,081,492	207,264	1,203,462	41,492,218

Table 21 (Ctd): Compensation of employees and labour costs by industrial activity - 2009

(Tshs '000)										
ISIC Rev. 4	Description	Gross Wages	Overtime Payment	Reimbursement	Payments in kind	Employer contribution	Compensation to employees	Training expense	Other	Total
331	Repair of fabricated metal products, machinery and equipment	521,183	444	5,710	44,472	28,980	600,789	3,820	33,123	637,732
C	Manufacturing	248,296,678	8,627,834	17,595,215	21,909,460	27,061,031	323,490,218	8,026,040	19,921,413	351,437,671
351	Electric power generation, transmission and distribution	96,558,088	7,422,251	625,165	136,360	7,574,371	112,316,235	2,977,093	3,816,882	119,110,210
360	Water collection, treatment and supply	3,125,676	90,169	266,082	79,930	312,904	3,874,761	176,971	322,657	4,374,389
	Total	398,608,750	17,032,711	18,921,087	26,255,915	39,432,141	500,250,604	11,675,508	28,199,012	540,125,124

Table 22: Intermediate consumption by industrial activity – 2009

		(Tshs '000')						
ISIC REV4	Description	Imported materials	Local materials	Electricity Water	Industrial services	Non – Industrial services	Change Stock	Intermediate consumption
6	Extraction of crude petroleum and natural gas	-	25,222,500	7,328,500	4,215,000	15,219,945	444,000	81,496,653
7	Mining of metal ores	2,504,375	6,971,393	884,750	149,058	860,715	(121,214)	11,370,291
8	Other mining and quarrying	15,690,875	187,339,393	45,165,031	59,243,162	48,697,818	(15,076,124)	356,136,279
B	Mining and quarrying	18,195,250	219,533,286	53,378,281	63,607,220	64,778,478	(14,755,354)	434,247,869
10	Manufacture of food products	16,339,205	639,504,222	88,120,266	22,397,938	80,960,261	(168,450,827)	1,015,772,719
11	Manufacture of beverages	29,918,335	201,064,077	33,215,753	23,214,545	100,406,409	25,283,476	329,533,862
12	Manufacture of tobacco products	22,077,690	106,425,147	5,648,673	5,093,113	25,394,122	33,001,781	164,638,745
13	Manufacture of textiles	4,668,597	65,631,718	14,137,134	3,102,358	4,484,148	(12,721,751)	104,168,135
14	Manufacture of wearing apparel	-	23,320	10,034	28,988	7,119	25,322	69,461
15	Manufacture of leather and related products	1,248,073	14,490,170	3,467,884	1,390,201	2,316,151	552,249	22,912,479
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	5,519,104	37,077,275	2,276,602	1,086,507	902,543	850,539	45,661,546
17	Manufacture of paper and paper products	778,151	10,286,039	2,534,224	428,213	1,452,644	356,322	15,479,271
18	Printing and reproduction of recorded media	3,652,145	57,659,535	3,920,365	8,970,847	7,108,918	(11,770,043)	93,081,853
20	Manufacture of chemicals and chemical products	35,599,348	183,599,337	12,004,191	2,757,283	57,428,762	3,214,334	285,162,334
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	2,592,678	4,391,776	1,131,966	1,689,168	1,826,295	3,012,253	11,631,883
22	Manufacture of rubber and plastics products	11,806,507	28,222,710	6,805,162	2,152,583	13,976,768	4,328,646	62,963,730
23	Manufacture of other non-metallic mineral products	45,338,093	128,980,566	43,430,268	5,639,349	10,347,899	6,435,571	233,736,175
24	Manufacture of basic metals	3,259,098	17,175,970	6,898,368	1,559,667	2,430,980	487,217	31,324,083

Table 22 (Ctd): Intermediate consumption by industrial activity – 2009

								(Tshs '000')
ISIC REV4	Description	Imported materials	Local materials	Electricity Water & fuels	Industrial services	Non – Industrial services	Change Stock	Intermediate consumption
25	Manufacture of fabricated metal products, except machinery and equipment	42,753,976	43,429,361	9,421,855	1,262,129	4,346,372	193,887	100,532,589
27	Manufacture of electrical equipment	-	14,200,804	1,060,224	508,575	1,606,040	137,967	17,129,826
28	Manufacture of machinery and equipment n.e.c.	-	1,708,743	114,781	95,139	299,376	31,688	2,218,039
29	Manufacture of motor vehicles, trailers and semi-trailers	132,156	1,962,878	140,053	153,781	381,925	76,162	2,770,793
30	Manufacture of other transport equipment	-	329,714	129,614	102,592	24,895	-	586,815
31	Manufacture of furniture	491,341	14,025,250	4,354,664	1,866,678	5,050,345	261,737	25,526,541
32	Other manufacturing	73,052,901	224,279,764	21,533,461	6,221,261	13,743,233	(1,994,411)	340,683,521
33	Repair and installation of machinery and equipment	-	881,789	72,161	29,928	192,433	141,510	1,176,311
C	Manufacturing	299,227,398	1,795,350,165	260,427,703	89,750,843	346,886,108	179,447,755	2,791,642,217
35	Electricity, gas, steam and air conditioning supply	-	197,139,194	172,700,029	19,750,712	70,386,849	12,172,710	447,804,074
36	Water collection, treatment and supply	2,432,150	13,513,133	3,729,169	1,051,084	2,497,239	(168,714)	23,391,489
Total		319,854,798	2,225,535,778	490,235,182	174,159,859	472,350,204	(124,982,951)	3,807,118,772

Table 23: Electricity, water and fuels consumed by industrial activity – 2009

(Tshs '000')

ISIC REV4	Description	Electricity	Water	Gas	Fuels for machine	Wood, charcoal	Other fuels	Total
62	Extraction of natural gas	4,191,000	1,048,500	1,888,500	200,500	-	-	7,328,500
72	Mining of non-ferrous metal ores	351,058	-	37,568	488,793	1,870	5,461	884,750
81	Quarrying of stone, sand and clay	1,684,304	-	31,184,417	6,596,906	-	-	39,465,627
89	Mining and quarrying n.e.c.	3,911,473	-	8,345	798,174	-	981,412	5,699,404
B	Mining and quarrying	10,137,835	1,048,500	33,118,830	8,084,373	1,870	986,873	53,378,281
101	Processing and preserving of meat	33,545	-	7,447	-	-	11,539	52,531
102	Processing and preserving of fish, crustaceans and molluscs	4,312,997	978,569	280,123	968,184	-	42,891	6,582,764
103	Processing and preserving of fruit and vegetables	7,398	74,763	-	32,278	1,500	123,344	239,283
104	Manufacture of vegetable and animal oils and fats	1,894,307	57,820	2,849,881	1,698,865	9,905	8,157	6,518,935
106	Manufacture of grain mill products, starches and starch products	4,197,398	201,923	47,451	1,077,958	300	-	5,525,030
107	Manufacture of other food products	24,013,759	18,653,564	874,057	24,393,784	1,153,265	78,237	69,166,666
108	Manufacture of prepared animal feeds	24,414	1,228	-	9,415	-	-	35,057
110	Manufacture of beverages	11,960,542	1,628,021	2,884,214	14,977,510	1,066,736	698,730	33,215,753
120	Manufacture of tobacco products	2,151,154	41,198	251,267	3,205,054	-	-	5,648,673
131	Spinning, weaving and finishing of textiles	3,264,160	38,873	5,210	975,426	-	771,906	5,055,575
139	Manufacture of other textiles	5,590,006	157,504	2,234,801	210,255	693,608	195,385	9,081,559
141	Manufacture of wearing apparel, except fur apparel	5,603	3,455	-	976	-	-	10,034
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	1,890,564	872,797	107,554	264,122	-	-	3,135,037
152	Manufacture of footwear	213,983	14,909	-	103,955	-	-	332,847
161	Sawmilling and planing of wood	588,795	532	-	75,763	12,072	-	677,162

Table 23 (Ctd): Electricity, water and fuels consumed by industrial activity – 2009

(Tshs '000')

ISIC REV4	Description	Electricity	Water	Gas	Fuels for machine	Wood, charcoal	Other fuels	Total
162	Manufacture of products of wood, cork, straw and plaiting materials	293,240	692,658	10,685	596,473	6,384	-	1,599,440
170	Manufacture of paper and paper products	847,809	81,184	422	805,422	375,890	423,497	2,534,224
181	Printing and service activities related to printing	1,887,426	43,446	54,142	1,895,719	1,991	37,641	3,920,365
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	3,003,429	324,056	10,051	1,546,755	-	-	4,884,291
202	Manufacture of other chemical products	4,351,976	220,284	970,660	1,572,725	2,895	1,360	7,119,900
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	780,950	46,601	40,544	263,871	-	-	1,131,966
221	Manufacture of rubber products	1,367,880	-	-	-	-	-	1,367,880
222	Manufacture of plastics products	4,265,508	503,263	210,351	394,333	-	63,827	5,437,282
239	Manufacture of non-metallic mineral products n.e.c.	13,560,896	499,948	3,522,465	16,040,701	281,761	9,524,497	43,430,268
241	Manufacture of basic iron and steel	4,654,449	48,658	51,542	666,752	-	607,479	6,028,880
242	Manufacture of basic precious and other non-ferrous metals	30,137	-	-	86,938	-	-	117,075
243	Casting of metals	312,000	14,000	90,413	336,000	-	-	752,413
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	2,128,368	15,011	79,503	73,253	-	115,303	2,411,438
259	Manufacture of other fabricated metal products; metalworking service activities	5,028,405	98,129	916,990	962,780	1,184	2,929	7,010,417
272	Manufacture of batteries and accumulators	276,822	-	-	-	-	-	276,822
273	Manufacture of wiring and wiring devices	475,123	-	-	131,233	-	13,365	619,721
274	Manufacture of electric lighting equipment	44,740	-	-	67,612	-	35,005	147,357
279	Manufacture of other electrical equipment	11,444	322	630	3,928	-	-	16,324
281	Manufacture of general-purpose machinery	21,541	4,788	-	54,195	-	-	80,524
282	Manufacture of special-purpose machinery	17,773	2,985	500	12,199	280	520	34,257
291	Manufacture of motor vehicles	5,424	352	-	2,695	-	-	8,471

Table 23 (Ctd): Electricity, water and fuels consumed by industrial activity – 2009

(Tshs '000')

ISIC REV4	Description	Electricity	Water	Gas	Fuels for machine	Wood, charcoal	Other fuels	Total
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	16,831	2,645	6,767	12,515	-	20,017	58,775
293	Manufacture of parts and accessories for motor vehicles	37,189	15,938	-	19,680	-	-	72,807
301	Building of ships and boats	2,178	720	-	125,710	-	-	128,608
309	Manufacture of transport equipment n.e.c.	655	328	23	-	-	-	1,006
310	Manufacture of furniture	542,827	26,991	12,966	2,030,873	1,726,393	14,614	4,354,664
321	Manufacture of jewellery, bijouterie and related articles	26,884	77	320	1,199	-	-	28,480
325	Manufacture of medical and dental instruments and supplies	56,755	-	12,388	-	-	-	69,143
329	Other manufacturing n.e.c.	9,851,424	384,709	6,311,479	2,967,746	1,094,240	826,240	21,435,838
331	Repair of fabricated metal products, machinery and equipment	27,195	7,429	365	37,157	-	15	72,161
C	Manufacturing	114,075,903	25,759,678	21,845,211	78,702,009	6,428,404	13,616,498	260,427,703
351	Electric power generation, transmission and distribution	160,547,185	-	-	12,152,844	-	-	172,700,029
360	Water collection, treatment and supply	1,931,277	483,041	-	1,115,060	199,791	-	3,729,169
	Total	286,692,200	27,291,219	54,964,041	100,054,286	6,630,065	14,603,371	490,235,182

Table 24: Services consumed by industrial activity – 2009

											(Tshs '000')
ISIC REV4	Description	Contract Commission	Cost Repairs Maintenance	Waste treatment Costs	Postage Communication Costs	Rentals	Storage Hire Transport	Publicity Bank Charges	Consultancy Fee	Other	Total Services
62	Extraction of natural gas	-	4,215,000	-	2,514,000	6,814,500	1,197,300	-	72,000	4,617,000	19,429,800
72	Mining of non-ferrous metal ores	16,488	132,570	-	154,484	63,626	-	146,712	484,732	-	998,612
81	Quarrying of stone, sand and clay	58,877,384	-	-	2,106,272	156,955	3,773,250	337,348	24,213,188	10,518,834	99,983,231
89	Mining and quarrying n.e.c.	-	365,778	-	123,633	2,764,216	1,931,003	153,290	273,224	1,867,507	7,478,651
B	Mining and quarrying	58,893,872	4,713,348	-	4,898,389	9,799,297	6,901,553	637,350	25,043,144	17,003,341	127,890,294
101	Processing and preserving of meat	19,170	7,434	-	1,321	-	3,157	595	6,258	-	37,935
102	Processing and preserving of fish, crustaceans and molluscs	599,593	3,130,908	40,823	846,347	936,880	2,124,140	239,263	513,184	335,895	8,767,033
103	Processing and preserving of fruit and vegetables	47,634	92,872	5,000	12,120	22,002	91,536	134,187	14,000	54,680	474,031
104	Manufacture of vegetable and animal oils and fats	85,210	2,972,486	21,355	5,602,624	622,423	2,767,809	15,178,775	738,198	2,979,233	30,968,113
106	Manufacture of grain mill products, starches and starch products	8,657	3,991,485	18,924	476,725	1,050,372	2,352,502	2,985,795	461,117	5,149,279	16,494,856
107	Manufacture of other food products	4,180,948	6,954,005	161,135	1,446,247	2,807,233	14,145,588	3,767,067	5,189,318	17,455,623	56,107,164
108	Manufacture of prepared animal feeds	-	48,490	11,809	12,152	28,800	24,670	2,916	715	2,574	132,126
110	Manufacture of beverages	370,385	20,063,773	2,780,387	8,716,242	11,147,222	37,193,201	8,279,998	17,032,596	16,758,338	122,342,142
120	Manufacture of tobacco products	788,420	4,036,304	268,389	498,568	1,326,831	3,708,445	689,944	8,886,541	10,225,319	30,428,761

Table 24 (Ctd): Services consumed by industrial activity – 2009

(Tshs '000')

ISIC REV4	Description	Contract Commission	Cost Repairs Maintenance	Waste treatment Costs	Postage Communication Costs	Rentals	Storage Hire Transport	Publicity Bank Charges	Consultancy Fee	Other	Total Services
131	Spinning, weaving and finishing of textiles	36,038	905,274	52,375	150,057	12,144	1,378,679	398,646	128,914	106,915	3,169,042
139	Manufacture of other textiles	273,095	1,705,171	130,405	540,881	110,470	183,562	1,053,977	81,863	233,887	4,313,311
141	Manufacture of wearing apparel, except fur apparel	-	28,988	-	838	4,842	-	1,064	325	50	36,107
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	4,900	1,372,620	6,824	887,337	70,086	601,822	221,837	48,072	312,397	3,525,895
152	Manufacture of footwear	-	5,857	-	31,052	10,224	2,487	22,580	60,490	45,367	178,057
161	Sawmilling and planing of wood	71,080	125,085	13,244	19,752	120,233	61,011	20,241	13,743	8,262	452,651
162	Manufacture of products of wood, cork, straw and plaiting materials	5,556	870,441	1,101	38,424	166,427	24,353	177,977	41,946	136,451	1,462,676
170	Manufacture of paper and paper products	-	428,213	-	176,225	10,544	109,284	806,577	301,726	45,620	1,878,189
181	Printing and service activities related to printing	5,428,270	3,475,351	67,226	763,272	1,290,998	915,506	1,544,410	1,029,210	1,435,668	15,949,911
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	140,687	965,616	157,013	254,089	421,343	1,588,897	798,590	191,819	762,378	5,280,432
202	Manufacture of other chemical products	60	1,448,090	45,817	1,091,276	438,076	25,260,493	6,102,891	11,732,403	8,682,099	54,801,205
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	1,084,657	602,011	2,500	109,174	228,945	510	777,715	461,854	178,940	3,446,306

Table 24 (Ctd): Services consumed by industrial activity – 2009

(Tshs '000')

ISIC REV4	Description	Contract Commission	Cost Repairs Maintenance	Waste treatment Costs	Postage Communication Costs	Other Costs	Rentals	Storage Hire Transport	Publicity Bank Charges	Consultancy Fee	Other	Total Services
221	Manufacture of rubber products	-	-	-	625,165	-	-	1,340,160	1,070,600	2,625,000	-	5,660,925
222	Manufacture of plastics products	-	2,135,048	17,535	262,244	1,432,683	1,618,963	990,448	254,790	1,606,298	-	8,318,009
239	Manufacture of non-metallic mineral products n.e.c.	935,760	4,560,121	143,468	2,542,727	377,215	639,473	2,363,836	2,677,129	798,831	-	15,038,560
241	Manufacture of basic iron and steel	-	1,183,483	2,671	80,945	107,412	270,700	534,461	157,657	128,276	-	2,465,605
242	Manufacture of basic precious and other non-ferrous metals	-	91,218	-	56,174	22,057	-	550,318	2,082	-	-	721,849
243	Casting of metals	2,944	279,351	-	138,000	114,700	-	140,398	17,800	110,000	-	803,193
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	551,394	-	42,066	83,037	405,966	12,015	38,885	52,084	-	1,185,447
259	Manufacture of other fabricated metal products; metalworking service activities	1,500	664,535	44,700	146,096	333,899	182,164	264,287	2,463,430	238,545	-	4,339,156
272	Manufacture of batteries and accumulators	-	204,836	-	21,226	-	304,759	141,032	-	166,540	-	838,393
273	Manufacture of wiring and wiring devices	-	278,650	-	39,363	53,850	109,252	212,448	88,976	319,008	-	1,101,547
274	Manufacture of electric lighting equipment	-	20,398	370	6,493	30,790	-	9,215	29,249	4,533	-	101,048
279	Manufacture of other electrical equipment	-	4,121	200	7,597	8,560	2,920	2,817	4,591	559	-	31,365
281	Manufacture of general-purpose machinery	43,614	19,775	-	12,499	59,928	43,154	22,649	29,074	32,177	-	262,870
282	Manufacture of special-purpose machinery	29,987	1,545	218	8,636	7,516	2,080	46,745	6,229	27,399	-	130,355

Table 24 (Ctd): Services consumed by industrial activity – 2009

(Tshs '000')

ISIC REV4	Description	Contract Commission	Cost Repairs Maintenance	Waste treatment Costs	Postage Communication Costs	Other Costs	Rentals	Storage Hire Transport	Publicity Bank Charges	Consultancy Fee	Other	Total Services
291	Manufacture of motor vehicles	-	-	-	4,663	9,600	-	2,497	25,816	10,512	53,088	
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	79,386	17,381	42,399	6,726	6,000	-	151,779	45,864	18,604	368,139	
293	Manufacture of parts and accessories for motor vehicles	-	14,615	-	12,572	32,300	-	4,700	21,609	22,508	108,304	
301	Building of ships and boats	-	87,970	-	1,100	7,600	3,750	385	860	1,300	102,965	
309	Manufacture of transport equipment n.e.c.	-	14,422	200	848	-	6,456	278	455	1,863	24,522	
310	Manufacture of furniture	673,479	1,108,709	84,490	343,494	446,059	1,397,547	1,716,231	337,119	632,000	6,739,128	
321	Manufacture of jewellery, bijouterie and related articles	-	2,272	1,918	6,996	93,929	-	3,431	16,464	18,241	143,251	
325	Manufacture of medical and dental instruments and supplies	-	882	-	3,014	43,875	35,397	3,693	2,233	-	89,094	
329	Other manufacturing n.e.c.	68,457	5,885,420	262,312	1,492,184	959,482	1,471,284	3,120,296	2,378,346	3,881,833	19,519,614	
331	Repair of fabricated metal products, machinery and equipment	425	29,273	230	21,654	75,004	37,608	17,647	26,864	9,836	218,541	
C	Manufacturing	14,979,912	70,385,893	4,385,038	27,557,205	25,131,591	100,409,285	54,587,251	58,184,814	72,989,922	428,610,911	
351	Electric power generation, transmission and distribution	3,456,360	16,294,352	-	1,956,381	15,741,519	37,253,390	3,375,550	1,711,180	7,371,736	87,160,468	
360	Water collection, treatment and supply	26,998	1,003,231	20,855	643,555	100,743	504,650	575,461	109,742	386,117	3,371,352	
	Total	77,357,142	92,396,824	4,405,893	35,055,530	50,773,150	145,068,878	59,175,612	85,048,880	97,751,116	634,834,555	

Table 25: Raw materials purchased by product category and origin – 2009

		(Tshs '000')		
CPC Version 2	Description	Raw materials purchased		
		Imported	Local	Total
01	Products of agriculture ,horticulture and market gardening	5,333,914	285,670,647	291,004,561
02	Live animals and animal products (excluding meat)	3,984,243	72,467,502	76,451,745
03	Forestry and logging products	4,419,164	30,804,949	35,224,113
04	Fish and other fishing products	-	17,081,651	17,081,651
14	Metal ores	28,042,821	87,020,932	115,063,753
15	Stone, sand and clay	-	16,074,019	16,074,019
16	Other minerals	6,208,490	49,104,751	55,313,241
17	Electricity, town gas, steam and hot water	-	24,629	24,629
18	Natural water	90,661	36,215,951	36,306,612
21	Meat, fish, fruit, vegetables, oils and fats	127,051	186,788,873	186,915,924
22	Dairy products and egg products	-	932,281	932,281
23	Grain mill products, starches and starch products; other food products	20,170,673	148,579,043	168,749,716
24	Beverages	9,273,307	30,145,423	39,418,730
25	Tobacco products	7,160,513	41,944,047	49,104,560
26	Yarn and thread; woven and tufted textile fabrics	4,177,168	28,838,828	33,015,996
27	Textile articles other	937,734	12,883,080	13,820,814
28	Knitted or crocheted fabrics; wearing apparel	699,000	3,653,785	4,352,785
29	Leather and leather products; footwear	733,489	2,164,525	2,898,014
31	Products of wood, corks, straw and plaiting materials	21,432,221	408,316,216	429,748,437
32	Pulp, paper and paper products; printed matter and related articles	10,964,515	63,354,047	74,318,562
33	Coke oven products; refined petroleum products; nuclear fuel	10,325,800	3,192,973	13,518,773
34	Basic chemicals	49,204,152	156,666,626	205,870,778
35	Other chemical products; man-made fibres	9,702,220	19,616,434	29,318,654
36	Rubber and plastics products	15,562	45,779,584	45,795,146
37	Glass and glass products and other non-metallic products n.e.c.	50,583,215	22,682,818	73,266,033
38	Furniture; Other transportable goods n.e.c	2,770,295	27,472,065	30,242,360
39	Wastes or creeps	5,768,725	32,082,754	37,851,479
99	Not indicated	63,286,734	177,456,297	240,743,031
Total		319,854,798	2,225,535,778	2,545,390,576

Table 26: Component of gross output by industrial activity – 2009

								(Tshs '000)
ISIC Rev.4	Description	Exports	Local Sale	Change Stock	Industrial services	Non – Industrial services	Others	Gross output
6	Extraction of crude petroleum and natural gas	-	127,930,500	-	-	-	-	127,930,500
7	Mining of metal ores	17,454,468	229,622	70,433	-	-	-	17,754,523
8	Other mining and quarrying	168,621,870	276,099,851	53,880,045	-	2,759,019	-	501,360,785
B	Mining and quarrying	186,076,338	404,259,973	53,950,478	-	2,759,019	-	647,045,808
10	Manufacture of food products	206,049,788	1,230,672,090	44,888,154	16,512,929	3,266,814	8,091,723	1,509,481,498
11	Manufacture of beverages	2,928,864	843,943,684	12,745,703	880,024	1,402,663	132,430	862,033,368
12	Manufacture of tobacco products	-	267,220,552	3,035,250	-	134,055	-	270,389,857
13	Manufacture of textiles	41,669,932	164,059,335	5,823,583	3,866,726	1,568,467	34,531	217,022,574
14	Manufacture of wearing apparel	-	36,189	1,030	-	104,578	-	141,797
15	Manufacture of leather and related products	6,947,813	18,496,670	1,426,219	582,554	25,924	-	27,479,180
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2,612,675	52,864,477	2,686,927	44,316	505,811	6,558,013	65,272,219
17	Manufacture of paper and paper products	2,758,604	14,249,727	214,380	-	150,705	-	17,373,416
18	Printing and reproduction of recorded media	2,303,150	135,720,345	892,077	228,681	724,208	755,031	140,623,492
20	Manufacture of chemicals and chemical products	1,149,802	373,720,812	3,042,013	543,980	1,161,158	103,362	379,721,127
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	10,055,423	50,263,771	3,143,273	-	10,080	479,106	63,951,653
22	Manufacture of rubber and plastics products	7,173,150	118,221,068	4,334,308	1,888,022	362,484	509,013	132,488,045
23	Manufacture of other non-metallic mineral products	14,266,506	419,522,564	12,229,569	1,664,985	1,203,775	1,302,154	450,189,553
24	Manufacture of basic metals	5,438,849	36,162,645	4,756,614	2,019	19,766,163	-	66,126,290
25	Manufacture of fabricated metal products, except machinery and equipment	2,259,944	115,812,206	4,695,663	62,728	75,817	-	122,906,358
27	Manufacture of electrical equipment	1,910,504	33,718,185	1,821,684	162,373	15,776	-	37,628,522

Table 26 (Ctd): Component of gross output by industrial activity – 2009

		(Tshs ,000')						
ISIC Rev.4	Description	Exports	Local Sale	Change Stock	Industrial services	Non – Industrial services	Others	Gross output
28	Manufacture of machinery and equipment n.e.c.	3,750,000	3,309,743	405,940	15,250	20,626	-	7,501,559
29	Manufacture of motor vehicles, trailers and semi-trailers	-	3,482,712	-	9,728	-	-	3,492,440
30	Manufacture of other transport equipment	-	893,464	40,060	4,975	-	-	938,499
31	Manufacture of furniture	184,906	43,718,497	920,951	181,613	1,868,522	3,620	46,878,109
32	Other manufacturing	57,492,959	420,035,706	17,105,466	21,611,303	2,956,596	4,974,816	524,176,846
33	Repair and installation of machinery and equipment	-	1,721,878	33,511	710,913	9,369	55,281	2,530,952
C	Manufacturing	368,952,869	4,347,846,320	124,242,375	48,973,119	35,333,591	22,999,080	4,948,347,354
35	Electricity, gas, steam and air conditioning supply	-	533,462,455	523,512	33,762,571	9,377,115	359,797	577,485,450
36	Water collection, treatment and supply	-	32,184,879	532,003	20,000	374,950	573,235	33,685,067
	Total	555,029,207	5,317,753,627	179,248,368	82,755,690	47,844,675	23,932,112	6,206,563,679

Table 27: Production account by industrial activity - 2009

		(Tshs '000')					
ISIC REV4	Description	Gross Output	Intermediate Consumption	Value Added	Compensation of employees	Taxation	Gross operating surplus
6	Extraction of crude petroleum and natural gas	127,930,500	51,541,945	76,388,555	404,984	367,500	75,616,071
7	Mining of metal ores	17,754,523	11,491,505	6,263,018	5,589,562	46,171	627,285
8	Other mining and quarrying	501,360,785	371,214,419	130,146,366	54,574,844	21,651,640	53,919,882
B	Mining and quarrying	647,045,808	434,247,869	212,797,939	60,569,390	22,065,311	130,163,238
10	Manufacture of food products	1,509,481,498	1,015,772,719	493,708,779	99,807,107	1,709,880	368,893,322
11	Manufacture of beverages	862,033,368	362,679,647	499,353,721	63,863,452	12,863,445	422,626,824
12	Manufacture of tobacco products	270,389,857	131,492,960	138,896,897	9,914,008	67,198,555	61,784,334
13	Manufacture of textiles	217,022,574	104,730,794	112,291,780	12,300,185	845,693	95,345,621
14	Manufacture of wearing apparel	141,797	44,139	97,658	25,980	-	71,678
15	Manufacture of leather and related products	27,479,180	22,375,142	5,104,038	4,376,251	524,810	202,977
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	65,272,219	46,069,490	19,202,729	2,481,936	95,089	15,347,596
17	Manufacture of paper and paper products	17,373,416	15,071,327	2,302,089	5,217,880	111,398	(3,027,189)
18	Printing and reproduction of recorded media	140,623,492	93,081,853	47,541,639	18,695,870	213,516	28,632,253
20	Manufacture of chemicals and chemical products	379,721,127	288,175,387	91,545,740	12,015,441	281,541	79,248,758
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	63,951,653	8,618,830	55,332,823	4,978,770	1,015,537	49,338,516
22	Manufacture of rubber and plastics products	132,488,045	58,589,776	73,898,269	8,038,994	162,859	65,696,416
23	Manufacture of other non-metallic mineral products	450,189,553	233,024,758	217,164,795	24,692,182	7,117,469	185,355,144
24	Manufacture of basic metals	66,126,290	30,829,494	35,296,796	3,303,587	116,169	31,877,040

Table 27 (Ctd): Production account by industrial activity - 2009

							(Tshs '000')
ISIC REV4	Description	Gross Output	Intermediate Consumption	Value Added	Compensation of employees	Taxation	Gross operating surplus
25	Manufacture of fabricated metal products, except machinery and equipment	122,906,358	101,027,178	21,879,180	5,962,522	82,242	15,834,416
27	Manufacture of electrical equipment	37,628,522	17,283,024	20,345,498	2,003,923	7,106	18,334,469
28	Manufacture of machinery and equipment n.e.c.	7,501,559	2,141,003	5,360,556	430,865	7,509	4,922,182
29	Manufacture of motor vehicles, trailers and semi-trailers	3,492,440	2,694,631	797,809	529,949	4,405	263,455
30	Manufacture of other transport equipment	938,499	586,815	351,684	97,971	1,133	252,580
31	Manufacture of furniture	46,878,109	25,526,541	21,351,568	3,934,698	46,955	17,369,915
32	Other manufacturing	524,176,846	340,825,031	183,351,815	40,217,858	2,809,869	140,324,088
33	Repair and installation of machinery and equipment	2,530,952	1,034,801	1,496,151	600,789	14,945	880,417
C	Manufacturing	4,948,347,354	2,901,675,340	2,046,672,014	323,490,218	95,230,125	1,599,574,812
35	Electricity, gas, steam and air conditioning supply	577,485,450	447,804,074	129,681,376	112,316,235	1,951,731	15,413,410
36	Water collection, treatment and supply	33,685,067	23,391,489	10,293,578	3,874,761	336,156	6,082,661
Total		6,206,563,679	3,807,118,772	2,399,444,907	500,250,604	119,583,323	1,779,610,980

Table 28: Sales of products by category and destination – 2009

		(Tshs '000')		
CPC Version 2	Description	Sales		
		Exported	Locally	Total
1	Products of agriculture ,horticulture and market gardening	2,200,967	232,700,853	234,901,820
2	Live animals and animal products (excluding meat)	2,600	46,045,731	46,048,331
3	Forestry and logging products	8,109,332	26,542,588	34,651,920
14	Metal ores	19,745,101	275,486,936	295,232,037
15	Stone, sand and clay	-	180,311,926	180,311,926
16	Other minerals	3,520,900	1,665,530	5,186,430
17	Electricity, town gas, steam and hot water	-	489,186,357	489,186,357
18	Natural water	-	131,537,527	131,537,527
21	Meat, fish, fruit, vegetables, oils and fats	135,623,991	130,325,696	265,949,687
22	Dairy products and egg products	-	17,697,679	17,697,679
23	Grain mill products, starches and starch products; other food products	74,217,817	518,509,159	592,726,976
24	Beverages	2,620,264	633,344,724	635,964,988
25	Tobacco products	-	180,915,723	180,915,723
26	Yarn and thread; woven and tufted textile fabrics	19,883,462	74,366,010	94,249,472
27	Textile articles other	34,932,038	165,067,170	199,999,208
28	Knitted or crocheted fabrics; wearing apparel	663,694	14,961,625	15,625,319
29	Leather and leather products; footwear	1,214,495	35,841,135	37,055,630
31	Products of wood, corks, straw and plaiting materials	12,268,368	189,623,852	201,892,220
32	Pulp, paper and paper products; printed matter and related articles	1,482,112	167,760,109	169,242,221
33	Coke oven products; refined petroleum products; nuclear fuel	11,081,070	45,689,078	56,770,148
34	Basic chemicals	2,584,164	91,412,316	93,996,480
35	Other chemical products; man-made fibres	12,718,423	112,866,567	125,584,990
36	Rubber and plastics products	5,322,881	74,169,939	79,492,820
37	Glass and glass products and other non-metallic products n.e.c.	15,485,252	256,951,089	272,436,341
38	Furniture; Other transportable goods n.e.c	140,652,851	120,212,403	260,865,254
39	Wastes or creeps	7,817,687	283,071,524	290,889,211
99	Not indicated	32,487,802	480,301,144	438,398,006
	Total	555,029,207	5,317,753,627	5,872,782,834

Table 29: Change in stocks by industrial activity – 2009

		(Tshs '000')					
ISIC Rev.4	Description	Materials	Fuels	Work in progress	Finish Product	Goods Purchased	Total
62	Extraction of natural gas	444,000	-	-	-	-	444,000
72	Mining of non-ferrous metal ores	(121,214)	-	-	70,433	-	(50,781)
81	Quarrying of stone, sand and clay	(14,664,714)	-	51,510,419	94,696	303,112	37,243,513
89	Mining and quarrying n.e.c.	(412,418)	(1,008)	191,342	1,771,368	9,108	1,559,392
B	Mining and quarrying	(14,754,346)	(1,008)	51,701,761	1,936,497	312,220	39,196,124
101	Processing and preserving of meat	36,327	-	-	-	-	36,327
102	Processing and preserving of fish, crustaceans and molluscs	278,362	1,004	115,427	2,909,570	93,002	3,397,365
103	Processing and preserving of fruit and vegetables	183,768	618	(1,000)	53,935	-	237,321
104	Manufacture of vegetable and animal oils and fats	2,638,630	540,252	480,115	3,722,844	243,970	7,625,811
106	Manufacture of grain mill products, starches and starch products	(22,838,807)	(1,445)	163,560	962,917	120,938	(21,592,837)
107	Manufacture of other food products	2,552,128	(151,924,923)	945,178	35,064,382	6,800	(113,356,435)
108	Manufacture of prepared animal feeds	83,259	-	6,161	355	-	89,775
110	Manufacture of beverages	22,146,080	2,993,392	1,262,303	11,438,767	44,633	37,884,575
120	Manufacture of tobacco products	33,073,783	72,002	147,873	2,887,377	-	36,181,035
131	Spinning, weaving and finishing of textiles	(340,465)	(21,555)	1,513,775	442,076	-	1,593,831
139	Manufacture of other textiles	(13,225,894)	881,075	2,015,705	1,859,963	(7,936)	(8,477,087)
141	Manufacture of wearing apparel, except fur apparel	25,322	-	-	1,030	-	26,352
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	197,642	-	116,313	298,659	437,412	1,050,026

Table 29 (Ctd): Change in stocks by industrial activity – 2009

		(Tshs '000')					
ISIC Rev.4	Description	Materials	Fuels	Work in progress	Finish Product	Goods Purchased	Total
152	Manufacture of footwear	347,151	(7,456)	201,554	372,281	-	913,530
161	Sawmilling and planing of wood	58,813	(29,066)	(390)	(175)	99,875	159,057
162	Manufacture of products of wood, cork, straw and plaiting materials	762,727	67	21,648	2,570,969	(5,000)	3,290,393
170	Manufacture of paper and paper products	382,133	25,811	58,135	114,218	42,027	622,324
181	Printing and service activities related to printing	(11,590,956)	(179,087)	243,431	541,640	107,006	(10,877,966)
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	1,723,717	-	(13,519)	1,524,145	-	3,234,343
202	Manufacture of other chemical products	1,496,836	(7,019)	741,288	773,713	16,386	3,021,204
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	3,012,653	400	888,386	982,259	1,272,628	6,156,326
221	Manufacture of rubber products	131,632	-	332,019	-	-	463,651
222	Manufacture of plastics products	4,219,668	22,654	155,699	3,346,014	500,576	8,244,611
239	Manufacture of non-metallic mineral products n.e.c.	3,573,494	(2,862,077)	6,130,261	5,990,498	108,810	12,940,986
241	Manufacture of basic iron and steel	1,166,641	7,275	663,433	1,595,304	1,700,339	5,132,992
242	Manufacture of basic precious and other non-ferrous metals	(679,911)	-	10,000	169,459	-	(500,452)
243	Casting of metals	4,173	(3,589)	385,465	232,614	-	1,428,663
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	(181,556)	(49,895)	55,174	54,940	-	(121,337)
259	Manufacture of other fabricated metal products; metalworking service activities	1,344,153	(926,187)	76,842	2,234,260	2,274,447	5,003,515
272	Manufacture of batteries and accumulators	(422,957)	100,717	151,160	582,215	115,578	526,713
273	Manufacture of wiring and wiring devices	126,009	-	668,846	109,554	-	904,409
274	Manufacture of electric lighting equipment	287,501	-	-	207,242	-	494,743

Table 29 (Ctd): Change in stocks by industrial activity – 2009

		(Tshs '000')					
ISIC Rev.4	Description	Materials	Fuels	Work in progress	Finish Product	Goods Purchased	Total
279	Manufacture of other electrical equipment	1,349	-	-	(11,998)	(913)	(11,562)
281	Manufacture of general-purpose machinery	2,209	-	-	274,753	-	276,962
282	Manufacture of special-purpose machinery	52,153	22,674	2,011	800	128,376	206,014
291	Manufacture of motor vehicles	30,283	-	-	-	-	30,283
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	42,549	-	-	-	-	42,549
293	Manufacture of parts and accessories for motor vehicles	3,330	-	-	-	-	3,330
301	Building of ships and boats	-	-	35,192	-	-	35,192
309	Manufacture of transport equipment n.e.c.	-	-	4,868	-	-	4,868
310	Manufacture of furniture	261,561	176	78,256	829,994	12,701	1,182,688
321	Manufacture of jewellery, bijouterie and related articles	52,094	-	-	-	28,594	80,688
325	Manufacture of medical and dental instruments and supplies	(3,576)	-	3,790	90,966	-	91,180
329	Other manufacturing n.e.c.	(2,547,437)	504,508	783,820	12,646,567	3,551,729	14,936,167
331	Repair of fabricated metal products, machinery and equipment	141,510	-	7,806	25,705	-	175,021
C	Manufacturing	28,608,081	(150,839,674)	18,450,585	94,899,812	10,891,978	2,787,144
351	Electric power generation, transmission and distribution	12,139,855	32,855	523,512	-	-	12,696,222
360	Water collection, treatment and supply	(222,325)	53,611	-	532,003	-	363,289
	Total	25,771,265	(150,754,216)	70,675,858	97,368,312	11,204,198	55,042,779

Table 30: Value of fixed assets at the end of 2009 by industrial activity and type

		(Tshs '000')						
ISIC Rev.4	Description	Land improvement	Buildings and structures	Transport equipment	Machinery and equipment	Database software	Other	Total
62	Extraction of natural gas	3,262	6,114	703	311,101	166	2,632	323,978
72	Mining of non-ferrous metal ores	-	2,937,480	-	2,848,680	-	11,984,888	17,771,048
81	Quarrying of stone, sand and clay	1,727,170	700,647	322,293	7,760,673	-	291,055,877	301,566,660
89	Mining and quarrying n.e.c.	1,354,336	3,627,397	2,236,768	11,856,285	48,245	117,609	19,240,640
B	Mining and quarrying	3,084,768	7,271,638	2,559,764	22,776,739	48,411	303,161,006	338,902,326
101	Processing and preserving of meat	-	2,015,843	29,953	1,191,482	-	-	3,237,278
102	Processing and preserving of fish, crustaceans and molluscs	3,027,830	23,369,929	2,302,573	10,875,573	81,443	1,011,986	40,669,334
103	Processing and preserving of fruit and vegetables	44,176	582,632	130,937	429,356	87,506	34,735	1,309,342
104	Manufacture of vegetable and animal oils and fats	19,479,342	15,687,322	2,561,733	9,279,200	208,357	9,940,204	57,156,158
106	Manufacture of grain mill products, starches and starch products	797,828	53,271,224	18,453,651	57,096,179	250,200	2,169,089	132,038,171
107	Manufacture of other food products	74,019,410	73,333,050	24,491,664	152,022,735	1,475,549	10,516,799	335,859,207
108	Manufacture of prepared animal feeds	-	19,307	134,569	77,707	971	-	232,554
110	Manufacture of beverages	43,781,423	69,019,903	24,899,284	192,080,803	26,514,553	42,893,579	399,189,545
120	Manufacture of tobacco products	1,149,832	19,020,684	6,593,416	59,417,345	2,959,617	1,519,586	90,660,480
131	Spinning, weaving and finishing of textiles	156,668	3,149,192	411,303	21,172,769	133,442	50,175	25,073,549
139	Manufacture of other textiles	12,160,554	9,934,696	2,558,349	61,953,763	158,017	548,200	87,313,579
141	Manufacture of wearing apparel, except fur apparel	-	779,484	24,597	1,078	16,076	-	821,235
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	169,044	2,194,680	498,283	7,914,604	5,794	-	10,782,405

Table 30 (Ctd): Value of fixed assets at the end of 2009 by industrial activity and type

(Tshs '000')

ISIC Rev.4	Description	Land improvement	Buildings and structures	Transport equipment	Machinery and equipment	Database software	Other	Total
152	Manufacture of footwear	-	297,359	5,738	307,756	547	16,636	628,036
161	Sawmilling and planing of wood	1,047,040	1,690,006	134,628	22,734,697	22,787,060	1,544	48,394,975
162	Manufacture of products of wood, cork, straw and plaiting materials	6,566,863	17,577,248	5,928,884	7,284,865	369,499	6,916,973	44,644,332
170	Manufacture of paper and paper products	124,456	1,601,495	380,334	6,149,228	100,667	282,705	8,638,885
181	Printing and service activities related to printing	1,696,276	7,321,712	1,384,745	36,308,929	920,355	756,716	48,388,733
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	10,530,144	3,606,983	2,149,116	35,226,815	116,968	1,798,702	53,428,728
202	Manufacture of other chemical products	2,878,860	6,767,892	2,427,911	17,751,627	78,911	527,844	30,433,045
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	4,861,978	4,289,034	261,873	8,620,180	7,633,589	1,148,946	26,815,600
221	Manufacture of rubber products	-	317,169	749,720	33,216	9,051	-	1,109,156
222	Manufacture of plastics products	1,003,957	6,358,822	1,493,934	37,619,967	274,083	5,571,268	52,322,031
239	Manufacture of non-metallic mineral products n.e.c.	2,590,536	25,535,179	3,788,841	138,343,360	770,997	14,396,284	185,425,197
241	Manufacture of basic iron and steel	1,178,869	1,833,001	366,227	5,446,987	24,355	79,921	8,929,360
242	Manufacture of basic precious and other non-ferrous metals	4,383,452	-	45,426	1,800,008	-	179,775	6,408,661
243	Casting of metals	-	3,103,744	416,976	9,868,055	55,397	1,621	13,445,793
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	362,051	2,922,586	221,638	6,223,218	8,399	236,281	9,974,173
259	Manufacture of other fabricated metal products; metalworking service activities	2,145,600	12,343,528	1,866,711	9,400,728	26,365	930,009	26,712,941
272	Manufacture of batteries and accumulators	-	118,504	13,535	901,837	10,200	434,447	1,478,523
273	Manufacture of wiring and wiring devices	1,323,331	1,269,712	404,862	3,892,742	630	-	6,891,277
274	Manufacture of electric lighting equipment	-	-	20,587	150,853	4,493	-	175,933

Table 30 (Ctd): Value of fixed assets at the end of 2009 by industrial activity and type

(Tshs '000')

ISIC Rev.4	Description	Land improvement	Buildings and structures	Transport equipment	Machinery and equipment	Database software	Other	Total
279	Manufacture of other electrical equipment	-	169,947	3,458	113,787	-	258,221	545,413
281	Manufacture of general-purpose machinery	-	-	6,323	108,134	-	18,896	133,353
282	Manufacture of special-purpose machinery	152,923	-	77,874	938,999	748	13,682	1,184,226
291	Manufacture of motor vehicles	-	-	587	31,961	1,620	2,168	36,336
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	-	940,507	48,637	265,784	9,561	19,971	1,284,460
293	Manufacture of parts and accessories for motor vehicles	36,800	879,504	6,526	69,016	1,923	4,198	997,967
301	Building of ships and boats	-	4,259	11,950	15,414	2,010	-	33,633
309	Manufacture of transport equipment n.e.c.	-	1,085	-	4,365	44	-	5,494
310	Manufacture of furniture	3,095,317	9,014,451	9,126,912	9,744,928	944,047	1,965,344	33,890,999
321	Manufacture of jewellery, bijouterie and related articles	-	-	-	66	1,372	1,956	3,394
325	Manufacture of medical and dental instruments and supplies	-	-	-	13,395	5,046	4,922	23,363
329	Other manufacturing n.e.c.	25,158,645	78,143,047	6,090,579	136,748,944	1,847,705	7,020,945	255,009,865
331	Repair of fabricated metal products, machinery and equipment	-	5,033,647	546,585	4,925,005	2,391	40,535	10,548,163
C	Manufacturing	223,923,205	463,518,367	121,071,429	1,074,557,460	67,899,558	111,314,863	2,062,284,882
351	Electric power generation, transmission and distribution	2,058,567	26,487,048	52,239,450	748,204,912	12,000	5,006,009	834,007,986
360	Water collection, treatment and supply	11,285,025	8,158,699	16,002,920	17,477,198	81,047	13,791,734	66,796,623
	Total	240,351,565	505,435,752	191,873,563	1,863,016,309	68,041,016	433,273,612	3,301,991,817

Table 31: Net investment by industrial activity and type - 2009

		(Tshs '000')						
ISIC Rev.4	Description	Land investment	Buildings and structures	Transport equipment	Machinery and equipment	Database software	Other	Total
62	Extraction of natural gas	-	-	171	5,823	-	-	5,994
72	Mining of non-ferrous metal ores	-	892,241	-	1,033,904	-	1,179,585	3,105,730
81	Quarrying of stone, sand and clay	1,074,048	283,658	336,106	423,225	-	71,568,544	73,685,581
89	Mining and quarrying n.e.c.	-	667,500	377,384	1,149,102	3,863	10,080	2,207,929
B	Mining and quarrying	1,074,048	1,843,399	713,661	2,612,054	3,863	72,758,209	79,005,234
101	Processing and preserving of meat	-	-	1,195	35,571	-	-	36,766
102	Processing and preserving of fish, crustaceans and molluscs	424,302	506,149	385,775	896,305	25,376	73,212	2,311,119
103	Processing and preserving of fruit and vegetables	-	67,791	37,386	58,066	16,892	-	180,135
104	Manufacture of vegetable and animal oils and fats	145,714	2,431,163	1,206,762	2,908,189	11,923	4,317,635	11,021,386
106	Manufacture of grain mill products, starches and starch products	23,417	2,699,215	11,353,696	9,374,376	135,562	3,759,387	27,345,653
107	Manufacture of other food products	4,167,395	837,692	1,541,738	40,669,672	90,122	4,305,479	51,612,098
108	Manufacture of prepared animal feeds	-	9,500	-	6,360	235	-	16,095
110	Manufacture of beverages	645,524	10,690,445	11,192,448	70,247,759	13,820,630	9,146,819	115,743,625
120	Manufacture of tobacco products	-	1,032,942	1,812,239	14,640,331	525,663	1,389,546	19,400,721
131	Spinning, weaving and finishing of textiles	-	87,729	167,417	2,418,466	-	5,620	2,679,232
139	Manufacture of other textiles	-	764,628	641,086	3,099,516	17,066	17,783	4,540,079
141	Manufacture of wearing apparel, except fur apparel	-	-	-	-	-	-	-
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	-	-	330,179	164,269	3,575	-	498,023

Table 31 (Ctd): Net investment by industrial activity and type - 2009

								(Tshs '000')
ISIC Rev.4	Description	Land investment	Buildings and structures	Transport equipment	Machinery and equipment	Database software	Other	Total
152	Manufacture of footwear	-	-	-	11,612	-	-	11,612
161	Sawmilling and planing of wood	-	-	-	-	-	-	-
162	Manufacture of products of wood, cork, straw and plaiting materials	-	-	511,180	122,140	6,898	3,970	644,188
170	Manufacture of paper and paper products	22,044	87,532	134,759	1,587,216	96,911	24,827	1,953,289
181	Printing and service activities related to printing	81,237	48,956	191,740	3,695,237	89,335	149,793	4,256,298
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	-	235,290	588,487	4,530,476	29,169	628,223	6,011,645
202	Manufacture of other chemical products	924	1,292,976	1,420,104	4,741,152	60,376	216,117	7,731,649
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	255,631	50,021	123,284	251,171	461,416	1,553	1,143,076
221	Manufacture of rubber products	-	-	-	-	-	-	-
222	Manufacture of plastics products	-	2,646,330	489,024	15,408,493	155,644	475,714	19,175,205
239	Manufacture of non-metallic mineral products n.e.c.	221,485	9,293,231	401,879	41,384,280	9,193	30,203,250	81,513,318
241	Manufacture of basic iron and steel	64,245	253,901	170,615	849,883	4,803	46,298	1,389,745
242	Manufacture of basic precious and other non-ferrous metals	-	-	19,148	-	-	56,905	76,053
243	Casting of metals	-	805,295	57,681	29,135	12,133	-	904,244
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	254,042	134,665	1,418,450	1,051	11,490	1,819,698
259	Manufacture of other fabricated metal products; metalworking service activities	-	1,285,356	893,043	1,475,020	15,931	17,274	3,686,624
272	Manufacture of batteries and accumulators	-	28,041	-	13,922	6,133	325,589	373,685
273	Manufacture of wiring and wiring devices	-	561,999	192,217	2,277,537	-	-	3,031,753
274	Manufacture of electric lighting equipment	-	-	19,340	-	5,604	-	24,944
279	Manufacture of other electrical equipment	-	-	-	1,620	-	4,660	6,280

Table 31 (Ctd): Net investment by industrial activity and type - 2009

		(Tshs '000')						
ISIC Rev.4	Description	Land investment	Buildings and structures	Transport equipment	Machinery and equipment	Database software	Other	Total
281	Manufacture of general-purpose machinery	-	-	-	52,830	-	-	52,830
282	Manufacture of special-purpose machinery	130,700	-	500	389,316	-	1,868	522,384
291	Manufacture of motor vehicles	-	-	-	-	1,144	1,325	2,469
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	-	-	38,453	17,959	3,206	-	59,618
293	Manufacture of parts and accessories for motor vehicles	-	-	-	520	1,607	433	2,560
301	Building of ships and boats	-	-	-	-	-	-	-
309	Manufacture of transport equipment n.e.c.	-	-	-	4,600	-	-	4,600
310	Manufacture of furniture	4,000	59,254	166,796	159,361	8,440	137,106	534,957
321	Manufacture of jewellery, bijouterie and related articles	-	-	-	-	-	-	-
325	Manufacture of medical and dental instruments and supplies	-	-	-	15,760	-	664	16,424
329	Other manufacturing n.e.c.	3,102,205	14,203,467	2,674,747	49,094,084	114,689	1,238,002	70,427,194
331	Repair of fabricated metal products, machinery and equipment	-	-	-	150,000	597	800	151,397
C		9,288,823	50,232,945	36,897,583	272,200,654	15,731,324	56,561,342	440,912,671
351	Electric power generation, transmission and distribution	44,966	1,475,191	13,551,409	51,876,008	14,000	1,873,889	68,835,463
360	Water collection, treatment and supply	-	3,485,240	182,097	734,272	3,800	213,346	4,618,755
	Total	10,407,837	57,036,775	51,344,750	327,422,988	15,752,987	131,406,786	593,372,123

Table 32: Number of establishments and persons engaged by industrial activity – 2009

		(Tshs '000')						
ISIC Rev.4	Description	Number Establishments	Total persons engaged	Employees			Work Proprietors	Unpaid Workers
				Managerial	Operatives	Others		
62	Extraction of natural gas	1	19	-	18	-	1	-
72	Mining of non-ferrous metal ores	1	742	52	663	-	27	-
81	Quarrying of stone, sand and clay	2	870	197	644	29	-	-
89	Mining and quarrying n.e.c.	5	966	148	637	180	1	-
B	Mining and quarrying	9	2,597	397	1,962	209	29	-
101	Processing and preserving of meat	1	38	12	26	-	-	-
102	Processing and preserving of fish, crustaceans and molluscs	13	1,827	479	1,326	-	22	-
103	Processing and preserving of fruit and vegetables	3	144	30	96	10	4	4
104	Manufacture of vegetable and animal oils and fats	34	1,627	239	1,078	209	65	36
106	Manufacture of grain mill products, starches and starch products	58	3,193	331	2,698	94	66	4
107	Manufacture of other food products	91	30,077	3,606	23,808	2,496	141	26
108	Manufacture of prepared animal feeds	6	139	13	117	-	9	-
110	Manufacture of beverages	35	5,450	1,523	3,672	192	63	-
120	Manufacture of tobacco products	3	3,815	644	3,171	-	-	-
131	Spinning, weaving and finishing of textiles	10	3,096	567	2,515	7	7	-
139	Manufacture of other textiles	12	9,067	429	8,318	284	36	-
141	Manufacture of wearing apparel, except fur apparel	1	21	5	11	-	5	-
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	5	504	113	382	-	9	-
152	Manufacture of footwear	2	656	62	586	6	2	-
161	Sawmilling and planing of wood	10	255	32	189	16	17	1

Table 32 (Ctd): Number of establishments and persons engaged by industrial activity – 2009

		(Tshs '000')						
ISIC Rev.4	Description	Number Establishments	Total persons engaged	Employees			Work Proprietors	Unpaid Workers
				Managerial	Operatives	Others		
162	Manufacture of products of wood, cork, straw and plaiting materials	11	879	160	691	-	23	5
170	Manufacture of paper and paper products	5	2,377	213	1,775	384	1	4
181	Printing and service activities related to printing	52	4,055	1,394	2,478	21	131	31
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	9	1,258	231	1,014	3	10	-
202	Manufacture of other chemical products	22	1,573	438	993	58	83	1
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	6	994	201	762	25	6	-
221	Manufacture of rubber products	1	96	20	33	0	20	23
222	Manufacture of plastics products	21	4,233	275	3,900	13	41	4
239	Manufacture of non-metallic mineral products n.e.c.	30	2,375	477	1,794	52	50	2
241	Manufacture of basic iron and steel	8	937	69	853	0	15	0
242	Manufacture of basic precious and other non-ferrous metals	1	94	33	57	0	4	0
243	Casting of metals	1	317	0	316	0	1	0
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	3	459	191	233	0	35	0
259	Manufacture of other fabricated metal products; metalworking service activities	20	1,594	215	1,350	0	26	3
272	Manufacture of batteries and accumulators	1	169	68	99	0	2	0
273	Manufacture of wiring and wiring devices	2	214	27	184	0	3	0
274	Manufacture of electric lighting equipment	1	76	17	59	0	0	0
279	Manufacture of other electrical equipment	3	70	31	36	0	3	0
281	Manufacture of general-purpose machinery	2	32	8	19	3	2	0
282	Manufacture of special-purpose machinery	5	100	41	45	8	6	0
291	Manufacture of motor vehicles	1	40	6	33	0	1	0

Table 32 (Ctd): Number of establishments and persons engaged by industrial activity – 2009

(Tshs '000')

ISIC Rev.4	Description	Number Establishments	Total persons engaged	Employees			Work Proprietors	Unpaid Workers
				Managerial	Operatives	Others		
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	4	91	15	72	0	4	0
293	Manufacture of parts and accessories for motor vehicles	3	92	39	46	0	7	0
301	Building of ships and boats	1	65	8	55	0	2	0
309	Manufacture of transport equipment n.e.c.	2	29	1	24	0	2	2
310	Manufacture of furniture	81	2,670	495	1,840	150	152	33
321	Manufacture of jewellery, bijouterie and related articles	21	217	42	143	0	25	7
325	Manufacture of medical and dental instruments and supplies	1	46	3	20	23	0	0
329	Other manufacturing n.e.c.	76	11,895	1,220	10,561	18	91	5
331	Repair of fabricated metal products, machinery and equipment	8	125	34	84	0	7	0
351	Electric power generation, transmission and distribution	24	4,550	2,887	1,450	212	1	0
360	Water collection, treatment and supply	14	1,340	227	741	265	107	0
Total		733	105,568	17,568	81,715	4,758	1,336	191

Table 33: Remuneration by industrial activity - 2009

(Tshs '000')

ISIC Rev.4	Description	Wage Salaries	Pension Funds	Benefit In Kind	Other labour costs	Total labour costs
62	Extraction of natural gas	342,900	20,100	134	108,945	472,079
72	Mining of non-ferrous metal ores	4,483,257	939,695	-	226,376	5,649,328
81	Quarrying of stone, sand and clay	35,236,996	3,438,016	4,112,418	4,379,513	47,166,943
89	Mining and quarrying n.e.c.	10,565,155	86,024	17,613	1,245,712	11,914,504
B	Mining and quarrying	50,628,308	4,483,835	4,130,165	5,960,546	65,202,854
101	Processing and preserving of meat	77,640	7,476	7,300	-	92,416
102	Processing and preserving of fish, crustaceans and molluscs	3,636,939	562,874	192,276	571,846	4,963,935
103	Processing and preserving of fruit and vegetables	276,189	24,058	15,654	30,946	346,847
104	Manufacture of vegetable and animal oils and fats	2,850,387	165,169	168,769	844,294	4,028,619
106	Manufacture of grain mill products, starches and starch products	6,739,354	509,565	135,928	948,702	8,333,549
107	Manufacture of other food products	61,456,678	6,133,390	7,941,712	12,189,272	87,721,052
108	Manufacture of prepared animal feeds	94,007	2,711	14,934	14,899	126,551
110	Manufacture of beverages	51,012,024	3,402,064	2,668,109	11,481,039	68,563,236
120	Manufacture of tobacco products	8,203,670	682,626	674,982	3,966,787	13,528,065
131	Spinning, weaving and finishing of textiles	4,322,607	388,512	583,844	223,489	5,518,452
139	Manufacture of other textiles	5,713,802	381,787	429,203	515,936	7,040,728
141	Manufacture of wearing apparel, except fur apparel	11,030	14,560	-	2,197	27,787
151	Tanning and dressing of leather; manufacture of luggage, handbags, 81lannin and harness; dressing and dyeing of fur	3,477,073	253,422	304,707	254,678	4,289,880
152	Manufacture of footwear	239,114	23,015	-	174,368	436,497
161	Sawmilling and 81lanning of wood	321,021	20,489	76,746	118,146	536,402
162	Manufacture of products of wood, cork, straw and plaiting materials	1,674,008	160,644	49,860	692,817	2,577,329
170	Manufacture of paper and paper products	4,400,908	272,834	32,342	612,871	5,318,955
181	Printing and service activities related to printing	11,494,224	5,930,135	734,761	2,017,856	20,176,976
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	4,957,635	293,631	222,500	693,239	6,167,005
202	Manufacture of other chemical products	3,596,538	362,348	1,545,219	2,268,232	7,772,337

Table 33 (Ctd): Remuneration by industrial activity – 2009

(Tshs '000')

ISIC Rev.4	Description	Wage Salaries	Pension Funds	Benefit In Kind	Other labour costs	Total labour costs
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	3,580,469	328,358	458,077	1,009,083	5,375,987
221	Manufacture of rubber products	304,000	635,000	9,240	3,024,000	3,972,240
222	Manufacture of plastics products	6,020,293	329,976	235,017	970,946	7,556,232
239	Manufacture of non-metallic mineral products n.e.c.	18,297,125	2,404,048	2,275,891	3,599,295	26,576,359
241	Manufacture of basic iron and steel	1,352,736	120,515	84,099	87,603	1,644,953
242	Manufacture of basic precious and other non-ferrous metals	133,005	-	-	20,257	153,262
243	Casting of metals	1,031,483	61,889	-	412,000	1,505,372
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1,332,056	130,344	74,289	106,742	1,643,431
259	Manufacture of other fabricated metal products; metalworking service activities	2,931,230	369,002	414,857	1,601,359	5,316,448
272	Manufacture of batteries and accumulators	492,671	43,050	-	75,290	611,011
273	Manufacture of wiring and wiring devices	941,146	103,643	65,767	206,635	1,317,191
274	Manufacture of electric lighting equipment	59,040	5,904	866	12,772	78,582
279	Manufacture of other electrical equipment	97,115	11,643	12,890	27,518	149,166
281	Manufacture of general-purpose machinery	175,975	14,447	6,182	52,497	249,101
282	Manufacture of special-purpose machinery	165,968	6,041	18,249	156,247	346,505
291	Manufacture of motor vehicles	88,681	10,779	1,050	84,534	185,044
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	223,165	26,193	4,298	28,569	282,225
293	Manufacture of parts and accessories for motor vehicles	115,468	6,547	23,881	18,261	164,157
301	Building of ships and boats	25,760	1,650	9,870	37,569	74,849
309	Manufacture of transport equipment n.e.c.	50,569	869	343	-	51,781
310	Manufacture of furniture	2,782,035	244,017	152,062	1,164,663	4,342,777
321	Manufacture of jewellery, bijouterie and related articles	99,066	10,450	690	6,806	117,012
325	Manufacture of medical and dental instruments and supplies	18,766	3,104	4,290	1,258	27,418
329	Other manufacturing n.e.c.	32,902,825	2,573,272	2,214,234	3,801,887	41,492,218
331	Repair of fabricated metal products, machinery and equipment	521,183	28,980	44,472	43,097	637,732

Table 33 (Ctd): Remuneration by industrial activity – 2009

(Tshs '000')

ISIC Rev.4	Description	Wage Salaries	Pension Funds	Benefit In Kind	Other labour costs	Total labour costs
C		248,296,678	27,061,031	21,909,460	54,170,502	351,437,671
351	Electric power generation, transmission and distribution	96,558,088	7,574,371	136,360	14,841,391	119,110,210
360	Water collection, treatment and supply	3,125,676	312,904	79,930	855,879	4,374,389
	Total	398,608,750	39,432,141	26,255,915	75,828,318	540,125,124

Table 34: Value added by industrial activity – 2009

		(Tshs '000')				
ISIC Rev.4	Industrial activity	Gross Output	Total production costs	Value Added	Depreciation	Net value added
062	Extraction of natural gas	127,930,500	51,541,945	76,388,555	22,339	76,366,216
072	Mining of non-ferrous metal ores	17,754,523	11,491,505	6,263,018	1,155,228	5,107,790
081	Quarrying of stone, sand and clay	459,214,059	350,911,303	108,302,756	26,296,066	82,006,690
089	Mining and quarrying n.e.c.	42,146,726	20,303,116	21,843,610	4,817,447	17,026,163
	Mining and quarrying n.e.c.	647,045,808	434,247,869	212,797,939	32,291,080	180,506,859
101	Processing and preserving of meat	3,398,422	992,740	2,405,682	104,143	2,301,539
102	Processing and preserving of fish, crustaceans and molluscs	137,527,400	107,312,597	30,214,803	6,687,163	23,527,640
103	Processing and preserving of fruit and vegetables	5,178,526	2,916,324	2,262,202	1,008,096	1,254,106
104	Manufacture of vegetable and animal oils and fats	295,854,716	217,829,780	78,024,936	13,790,260	64,234,676
106	Manufacture of grain mill products, starches and starch products	150,883,453	129,702,107	21,181,346	12,571,780	8,609,566
107	Manufacture of other food products	915,010,369	555,892,497	359,117,872	43,845,433	315,272,439
108	Manufacture of prepared animal feeds	1,628,612	1,126,674	501,938	21,225	480,713
110	Manufacture of beverages	862,033,368	362,679,647	499,353,721	36,476,420	462,877,301
120	Manufacture of tobacco products	270,389,857	131,492,960	138,896,897	8,577,332	130,319,565
131	Spinning, weaving and finishing of textiles	119,352,642	46,151,481	73,201,161	1,462,151	71,739,010
139	Manufacture of other textiles	97,669,932	58,579,313	39,090,619	10,103,943	28,986,676
141	Manufacture of wearing apparel, except fur apparel	141,797	44,139	97,658	20,141	77,517
	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	22,571,991	19,099,286	3,472,705	1,159,148	2,313,557
152	Manufacture of footwear	4,907,189	3,275,856	1,631,333	1,498,209	133,124
161	Sawmilling and planing of wood	8,719,768	4,568,887	4,150,881	1,006,546	3,144,335
162	Manufacture of products of wood, cork, straw and plaiting materials	56,552,451	41,500,603	15,051,848	4,109,917	10,941,931
170	Manufacture of paper and paper products	17,373,416	15,071,327	2,302,089	1,106,299	1,195,790
181	Printing and service activities related to printing	140,623,492	93,081,853	47,541,639	6,269,962	41,271,677
	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	213,860,464	138,329,990	75,530,474	5,592,868	69,937,606
202	Manufacture of other chemical products	165,860,663	149,845,397	16,015,266	4,292,539	11,722,727
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	63,951,653	8,618,830	55,332,823	4,272,878	51,059,945
221	Manufacture of rubber products	12,191,309	11,292,173	899,136	16,608	882,528
222	Manufacture of plastics products	120,296,736	47,297,603	72,999,133	5,916,081	67,083,052
239	Manufacture of non-metallic mineral products n.e.c.	450,189,553	233,024,758	217,164,795	47,742,858	169,421,937

Table 34 (Ctd): Value added by industrial activity – 2009

(Tshs '000')

ISIC Rev.4	Industrial activity	Gross Output	Total production costs	Value Added	Depreciation	Net value added
241	Manufacture of basic iron and steel	37,594,438	26,325,109	11,269,329	1,297,872	9,971,457
242	Manufacture of basic precious and other non-ferrous metals	3,304,773	2,764,966	539,807	126,449	413,358
243	Casting of metals	25,227,079	1,739,419	23,487,660	856,427	22,631,233
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	12,734,394	9,040,947	3,693,447	1,253,292	2,440,155
259	Manufacture of other fabricated metal products; metalworking service activities	110,171,964	91,986,231	18,185,733	1,886,872	16,298,861
272	Manufacture of batteries and accumulators	12,619,743	3,001,080	9,618,663	419,312	9,199,351
273	Manufacture of wiring and wiring devices	21,506,195	11,362,380	10,143,815	975,492	9,168,323
274	Manufacture of electric lighting equipment	3,230,953	2,778,924	452,029	60,499	391,530
279	Manufacture of other electrical equipment	271,631	140,640	130,991	33,462	97,529
281	Manufacture of general-purpose machinery	1,893,583	1,404,570	489,013	69,973	419,040
282	Manufacture of special-purpose machinery	5,607,976	736,433	4,871,543	150,581	4,720,962
291	Manufacture of motor vehicles	513,691	307,315	206,376	35,727	170,649
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	1,922,618	1,694,547	228,071	66,498	161,573
293	Manufacture of parts and accessories for motor vehicles	1,056,131	692,769	363,362	13,788	349,574
301	Building of ships and boats	460,171	251,223	208,948	9,409	199,539
309	Manufacture of transport equipment n.e.c.	478,328	335,592	142,736	650	142,086
310	Manufacture of furniture	46,878,109	25,526,541	21,351,568	6,569,936	14,781,632
321	Manufacture of jewellery, bijouterie and related articles	800,701	463,751	336,950	768	336,182
325	Manufacture of medical and dental instruments and supplies	1,411,081	161,813	1,249,268	14,605	1,234,663
329	Other manufacturing n.e.c.	521,965,064	340,199,467	181,765,597	21,259,581	160,506,016
331	Repair of fabricated metal products, machinery and equipment	2,530,952	1,034,801	1,496,151	87,239	1,408,912
	Total Manufacturing	4,948,347,354	2,901,675,340	2,046,672,014	252,840,432	1,793,831,582
351	Electric power generation, transmission and distribution	577,485,450	447,804,074	129,681,376	30,566,420	99,114,956
360	Water collection, treatment and supply	33,685,067	23,391,489	10,293,578	7,583,561	2,710,017
	Electricity and Water Supply	611,170,517	471,195,563	139,974,954	38,149,981	101,824,973
	Total Industry	6,206,563,679	3,807,118,772	2,399,444,907	323,281,493	2,076,163,414

Table 35: Stocks held by industrial activity – 2009

		At the beginning			At the end		
ISIC Rev.4	Description	Materials	Semi-finished products	Finished products	Materials	Semi-finished products	Finished products
62	Extraction of natural gas	11,289,000	-	-	11,733,000	-	-
72	Mining of non-ferrous metal ores	1,111,402	-	707,489	990,188	-	777,922
81	Quarrying of stone, sand and clay	68,263,134	37,342,599	1,484,204	53,598,420	88,853,018	1,578,900
89	Mining and quarrying n.e.c.	4,329,659	124,994	3,064,430	3,917,241	316,336	4,835,798
B	Mining and quarrying	84,993,195	37,467,593	5,256,123	70,238,849	89,169,354	7,192,620
101	Processing and preserving of meat	55,216	-	-	91,543	-	-
102	Processing and preserving of fish, crustaceans and molluscs	1,756,359	-	2,643,333	2,034,721	115,427	5,552,903
103	Processing and preserving of fruit and vegetables	462,423	21,000	96,117	646,191	20,000	150,052
104	Manufacture of vegetable and animal oils and fats	4,477,418	405,656	1,798,814	7,116,048	885,771	5,521,658
106	Manufacture of grain mill products, starches and starch products	78,554,267	929,035	3,487,935	55,715,460	1,092,595	4,450,852
107	Manufacture of other food products	44,640,047	5,650,907	63,903,742	47,192,175	6,596,085	98,968,124
108	Manufacture of prepared animal feeds	112,241	30,540	9,703	195,500	36,701	10,058
110	Manufacture of beverages	52,717,970	2,509,858	16,462,307	74,864,050	3,772,161	27,901,074
120	Manufacture of tobacco products	36,500,776	462,250	11,872,321	69,574,559	610,123	14,759,698
131	Spinning, weaving and finishing of textiles	9,897,702	2,210,462	2,671,584	9,557,237	3,724,237	3,113,660
139	Manufacture of other textiles	48,170,979	4,664,151	1,986,895	34,945,085	6,679,856	3,846,858
141	Manufacture of wearing apparel, except fur apparel	50,465	-	2,408	75,787	-	3,438
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	1,017,394	746,047	862,259	1,215,036	862,360	1,160,918

Table 35 (Ctd): Stocks held by industrial activity – 2009

		At the beginning			At the end		
ISIC Rev.4	Description	Materials	Semi-finished products	Finished products	Materials	Semi-finished products	Finished products
152	Manufacture of footwear	272,233	141,941	59,830	619,384	343,495	432,111
161	Sawmilling and planing of wood	621,122	570	300	679,935	180	125
162	Manufacture of products of wood, cork, straw and plaiting materials	3,894,065	232,240	6,145,351	4,656,792	253,888	8,716,320
170	Manufacture of paper and paper products	542,002	79,808	87,530	924,135	137,943	201,748
181	Printing and service activities related to printing	36,058,532	185,832	925,931	24,467,576	429,263	1,467,571
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	13,072,537	66,448	6,333,605	14,796,254	52,929	7,857,750
202	Manufacture of other chemical products	10,622,091	1,921,062	4,350,886	12,118,927	2,662,350	5,124,599
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	4,558,677	903,783	4,298,759	7,571,330	1,792,169	5,281,018
221	Manufacture of rubber products	135,472	25,930	-	267,104	357,949	-
222	Manufacture of plastics products	12,667,247	109,322	2,803,544	16,886,915	265,021	6,149,558
239	Manufacture of non-metallic mineral products n.e.c.	47,650,825	8,303,872	15,431,649	51,224,319	14,434,133	21,422,147
241	Manufacture of basic iron and steel	3,073,671	525,218	2,109,538	4,240,312	1,188,651	3,704,842
242	Manufacture of basic precious and other non-ferrous metals	679,911	47,768	104,008	-	57,768	273,467
243	Casting of metals	2,688	161,650	727,225	6,861	547,115	959,839
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1,532,390	566,066	436,378	1,350,834	621,240	491,318
259	Manufacture of other fabricated metal products; metalworking service activities	2,994,159	303,048	252,423	4,338,312	379,890	2,486,683
272	Manufacture of batteries and accumulators	1,455,355	89,832	422,788	1,032,398	240,992	1,005,003
273	Manufacture of wiring and wiring devices	2,052,080	99,842	26,690	2,178,089	768,688	136,244

Table 35 (Ctd): Stocks held by industrial activity – 2009

					(Tshs '000')		
ISIC Rev.4	Description	At the beginning			At the end		
		Materials	Semi-finished products	Finished products	Materials	Semi-finished products	Finished products
274	Manufacture of electric lighting equipment	774,912	-	89,108	1,062,413	-	296,350
279	Manufacture of other electrical equipment	2,582	-	34,125	3,931	-	22,127
281	Manufacture of general-purpose machinery	27,421	-	518,655	29,630	-	793,408
282	Manufacture of special-purpose machinery	74,441	15,720	17,077	126,594	17,731	17,877
291	Manufacture of motor vehicles	245,756	-	-	276,039	-	-
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	686,371	-	-	728,920	-	-
293	Manufacture of parts and accessories for motor vehicles	25,204	-	-	28,534	-	-
301	Building of ships and boats	-	23,778	-	-	58,970	-
309	Manufacture of transport equipment n.e.c.	-	28,612	-	-	33,480	-
310	Manufacture of furniture	1,912,691	83,442	295,039	2,174,252	161,698	1,125,033
321	Manufacture of jewellery, bijouterie and related articles	537,657	-	-	589,751	-	-
325	Manufacture of medical and dental instruments and supplies	3,576	-	-	-	3,790	90,966
329	Other manufacturing n.e.c.	92,852,869	2,718,976	13,023,995	90,305,432	3,502,796	25,670,562
331	Repair of fabricated metal products, machinery and equipment	110,603	3,265	52,716	252,113	11,071	78,421
C	Manufacturing	517,552,397	34,267,931	164,344,568	546,160,478	52,718,516	259,244,380
351	Electric power generation, transmission and distribution	54,819,840	849,431	-	66,959,695	1,372,943	-
360	Water collection, treatment and supply	1,851,699	210	1,044,066	1,629,374	210	1,576,069
	Total	659,217,131	72,585,165	170,644,757	684,988,396	143,261,023	268,013,069

Table 36: Expenditure on fixed assets by industrial activity – 2009

(Tshs '000')

ISIC Rev.4	Description	Land improvement	Building and other construction works	Transport equipment	Machinery and other equipment	Database peripherals software etc.	Other fixed assets	Fixed assets Sold	Gross Additions to Fixed assets
62	Extraction of natural gas	3,262	6,114	703	311,101	166	2,632	5,994	317,984
72	Mining of non-ferrous metal ores	-	2,937,480	-	2,848,680	-	11,984,888	3,105,730	14,665,318
81	Quarrying of stone, sand and clay	1,727,170	700,647	322,293	7,760,673	-	291,055,877	73,685,581	227,881,079
89	Mining and quarrying n.e.c.	1,354,336	3,627,397	2,236,768	11,856,285	48,245	117,609	2,207,929	17,032,711
B	Mining and quarrying	3,084,768	7,271,638	2,559,764	22,776,739	48,411	303,161,006	79,005,234	259,897,092
101	Processing and preserving of meat	-	2,015,843	29,953	1,191,482	-	-	36,766	3,200,512
102	Processing and preserving of fish, crustaceans and molluscs	3,027,830	23,369,929	2,302,573	10,875,573	81,443	1,011,986	2,311,119	38,358,215
103	Processing and preserving of fruit and vegetables	44,176	582,632	130,937	429,356	87,506	34,735	180,135	1,129,207
104	Manufacture of vegetable and animal oils and fats	19,479,342	15,687,322	2,561,733	9,279,200	208,357	9,940,204	11,021,386	46,134,772
106	Manufacture of grain mill products, starches and starch products	797,828	53,271,224	18,453,651	57,096,179	250,200	2,169,089	27,345,653	104,692,518
107	Manufacture of other food products	74,019,410	73,333,050	24,491,664	152,022,735	1,475,549	10,516,799	51,612,098	284,247,109
108	Manufacture of prepared animal feeds	-	19,307	134,569	77,707	971	-	16,095	216,459
110	Manufacture of beverages	43,781,423	69,019,903	24,899,284	192,080,803	26,514,553	42,893,579	115,743,625	283,445,920
120	Manufacture of tobacco products	1,149,832	19,020,684	6,593,416	59,417,345	2,959,617	1,519,586	19,400,721	71,259,759
131	Spinning, weaving and finishing of textiles	156,668	3,149,192	411,303	21,172,769	133,442	50,175	2,679,232	22,394,317
139	Manufacture of other textiles	12,160,554	9,934,696	2,558,349	61,953,763	158,017	548,200	4,540,079	82,773,500

Table 36 (Ctd): Expenditure on fixed assets by industrial activity – 2009

(Tshs '000')

ISIC Rev.4	Description	Land improvement	Building and other construction works	Transport equipment	Machinery and other equipment	Database peripherals software etc.	Other fixed assets	Fixed assets Sold	Gross Additions to Fixed assets
141	Manufacture of wearing apparel, except fur apparel	-	779,484	24,597	1,078	16,076	-	-	821,235
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	169,044	2,194,680	498,283	7,914,604	5,794	-	498,023	10,284,382
152	Manufacture of footwear	-	297,359	5,738	307,756	547	16,636	11,612	616,424
161	Sawmilling and planing of wood	1,047,040	1,690,006	134,628	22,734,697	22,787,060	1,544	-	48,394,975
162	Manufacture of products of wood, cork, straw and plaiting materials	6,566,863	17,577,248	5,928,884	7,284,865	369,499	6,916,973	644,188	44,000,144
170	Manufacture of paper and paper products	124,456	1,601,495	380,334	6,149,228	100,667	282,705	1,953,289	6,685,596
181	Printing and service activities related to printing	1,696,276	7,321,712	1,384,745	36,308,929	920,355	756,716	4,256,298	44,132,435
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	10,530,144	3,606,983	2,149,116	35,226,815	116,968	1,798,702	6,011,645	47,417,083
202	Manufacture of other chemical products	2,878,860	6,767,892	2,427,911	17,751,627	78,911	527,844	7,731,649	22,701,396
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	4,861,978	4,289,034	261,873	8,620,180	7,633,589	1,148,946	1,143,076	25,672,524
221	Manufacture of rubber products	-	317,169	749,720	33,216	9,051	-	-	1,109,156
222	Manufacture of plastics products	1,003,957	6,358,822	1,493,934	37,619,967	274,083	5,571,268	19,175,205	33,146,826
239	Manufacture of non-metallic mineral products n.e.c.	2,590,536	25,535,179	3,788,841	138,343,360	770,997	14,396,284	81,513,318	103,911,879

Table 36 (Ctd): Expenditure on fixed assets by industrial activity – 2009

(Tshs '000')

ISIC Rev.4	Description	Land improvement	Building and other construction works	Transport equipment	Machinery and other equipment	Database peripherals software etc.	Other fixed assets	Fixed assets Sold	Gross Additions to Fixed assets
241	Manufacture of basic iron and steel	1,178,869	1,833,001	366,227	5,446,987	24,355	79,921	1,389,745	7,539,615
242	Manufacture of basic precious and other non-ferrous metals	4,383,452	-	45,426	1,800,008	-	179,775	76,053	6,332,608
243	Casting of metals	-	3,103,744	416,976	9,868,055	55,397	1,621	904,244	12,541,549
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	362,051	2,922,586	221,638	6,223,218	8,399	236,281	1,819,698	8,154,475
259	Manufacture of other fabricated metal products; metalworking service activities	2,145,600	12,343,528	1,866,711	9,400,728	26,365	930,009	3,686,624	23,026,317
272	Manufacture of batteries and accumulators	-	118,504	13,535	901,837	10,200	434,447	373,685	1,104,838
273	Manufacture of wiring and wiring devices	1,323,331	1,269,712	404,862	3,892,742	630	-	3,031,753	3,859,524
274	Manufacture of electric lighting equipment	-	-	20,587	150,853	4,493	-	24,944	150,989
279	Manufacture of other electrical equipment	-	169,947	3,458	113,787	-	258,221	6,280	539,133
281	Manufacture of general-purpose machinery	-	-	6,323	108,134	-	18,896	52,830	80,523
282	Manufacture of special-purpose machinery	152,923	-	77,874	938,999	748	13,682	522,384	661,842
291	Manufacture of motor vehicles	-	-	587	31,961	1,620	2,168	2,469	33,867
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	-	940,507	48,637	265,784	9,561	19,971	59,618	1,224,842

Table 36 (Ctd): Expenditure on fixed assets by industrial activity – 2009

(Tshs '000')

ISIC Rev.4	Description	Land improvement	Building and other construction works	Transport equipment	Machinery and other equipment	Database peripherals software etc.	Other fixed assets	Fixed assets Sold	Gross Additions to Fixed assets
293	Manufacture of parts and accessories for motor vehicles	36,800	879,504	6,526	69,016	1,923	4,198	2,560	995,407
301	Building of ships and boats	-	4,259	11,950	15,414	2,010	-	-	33,633
309	Manufacture of transport equipment n.e.c.	-	1,085	-	4,365	44	-	4,600	894
310	Manufacture of furniture	3,095,317	9,014,451	9,126,912	9,744,928	944,047	1,965,344	534,957	33,356,042
321	Manufacture of jewellery, bijouterie and related articles	-	-	-	66	1,372	1,956	-	3,394
325	Manufacture of medical and dental instruments and supplies	-	-	-	13,395	5,046	4,922	16,424	6,939
329	Other manufacturing n.e.c.	25,158,645	78,143,047	6,090,579	136,748,944	1,847,705	7,020,945	70,427,194	184,582,671
331	Repair of fabricated metal products, machinery and equipment	-	5,033,647	546,585	4,925,005	2,391	40,535	151,397	10,396,766
C	Manufacturing	223,923,205	463,518,367	121,071,429	1,074,557,460	67,899,558	111,314,863	440,912,671	1,621,372,211
351	Electric power generation, transmission and distribution	2,058,567	26,487,048	52,239,450	748,204,912	12,000	5,006,009	68,835,463	765,172,523
360	Water collection, treatment and supply	11,285,025	8,158,699	16,002,920	17,477,198	81,047	13,791,734	4,618,755	62,177,868
	Total	240,351,565	505,435,752	191,873,563	1,863,016,309	68,041,016	433,273,612	593,372,123	2,708,619,694

Table 37: Number of establishments by industrial activity and region – 2009

ISIC Rev.4	Description	Dodoma	Arusha	Kilimanjaro	Tanga	Morogoro	Pwani	Dar es Salaam	Lindi	Mtwara	Ruvuma
62	Extraction of natural gas	-	-	-	-	-	-	1	-	-	-
72	Mining of non-ferrous metal ores	-	-	-	-	-	-	-	-	-	-
81	Quarrying of stone, sand and clay	-	-	-	-	-	-	-	-	-	-
89	Mining and quarrying n.e.c.	-	-	1	1	-	-	-	-	-	-
B	Mining and quarrying	-	-	1	1	-	-	1	-	-	-
101	Processing and preserving of meat	-	1	-	-	-	-	-	-	-	-
102	Processing and preserving of fish, crustaceans and molluscs	-	-	-	2	-	-	3	-	-	-
103	Processing and preserving of fruit and vegetables	-	1	-	-	-	-	-	-	-	-
104	Manufacture of vegetable and animal oils and fats	1	1	-	-	-	-	2	-	-	-
106	Manufacture of grain mill products, starches and starch products	1	5	1	1	1	-	38	-	-	-
107	Manufacture of other food products	1	7	4	7	3	-	23	-	-	3
108	Manufacture of prepared animal feeds	-	1	-	-	-	-	4	-	-	-
110	Manufacture of beverages	2	5	3	1	-	-	15	-	2	1
120	Manufacture of tobacco products	-	-	-	-	2	-	1	-	-	-
131	Spinning, weaving and finishing of textiles	-	2	-	1	-	-	7	-	-	-
139	Manufacture of other textiles	-	1	-	1	1	-	4	-	1	-
141	Manufacture of wearing apparel, except fur apparel	-	-	-	-	-	-	1	-	-	-
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	-	-	1	-	-	-	2	-	-	-
152	Manufacture of footwear	-	-	-	-	1	-	1	-	-	-
161	Sawmilling and planing of wood	-	1	-	-	-	-	7	1	-	-
162	Manufacture of products of wood, cork, straw and plaiting materials	-	-	-	-	-	-	2	-	-	3
170	Manufacture of paper and paper products	-	-	2	-	-	-	2	-	-	-

Table 37 (Ctd): Number of establishments by industrial activity and region – 2009

ISIC Rev.4	Description	Dodoma	Arusha	Kilimanjaro	Tanga	Morogoro	Pwani	Dar es Salaam	Lindi	Mtwara	Ruvuma
181	Printing and service activities related to printing	-	5	2	2	1	-	34	-	2	1
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	-	1	-	-	-	-	7	-	-	-
202	Manufacture of other chemical products	-	2	-	-	-	-	16	1	-	-
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	-	1	-	-	-	-	4	-	-	-
221	Manufacture of rubber products	-	-	-	-	-	-	1	-	-	-
222	Manufacture of plastics products	-	1	-	-	1	-	19	-	-	-
239	Manufacture of non-metallic mineral products n.e.c.	-	3	1	2	1	2	19	-	-	-
241	Manufacture of basic iron and steel	-	1	-	-	1	-	5	-	-	-
242	Manufacture of basic precious and other non-ferrous metals	-	-	-	-	-	-	1	-	-	-
243	Casting of metals	-	-	-	-	-	-	1	-	-	-
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	-	-	-	-	-	3	-	-	-
259	Manufacture of other fabricated metal products; metalworking service activities	-	5	1	-	-	1	12	-	-	-
272	Manufacture of batteries and accumulators	-	-	-	-	-	-	1	-	-	-
273	Manufacture of wiring and wiring devices	-	-	-	-	-	-	2	-	-	-
274	Manufacture of electric lighting equipment	-	-	-	-	-	-	1	-	-	-
279	Manufacture of other electrical equipment	-	-	-	-	-	-	1	-	-	-
281	Manufacture of general-purpose machinery	-	-	-	-	-	-	2	-	-	-
282	Manufacture of special-purpose machinery	-	-	-	-	1	-	3	-	-	-
291	Manufacture of motor vehicles	-	-	-	-	-	-	1	-	-	-
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	-	-	-	-	-	-	4	-	-	-
293	Manufacture of parts and accessories for motor vehicles	-	-	-	-	-	-	3	-	-	-
301	Building of ships and boats	-	-	-	-	-	-	-	-	-	-

Table 37 (Ctd): Number of establishments by industrial activity and region – 2009

ISIC Rev.4	Description	Dodoma	Arusha	Kilimanjaro	Tanga	Morogoro	Pwani	Dar es Salaam	Lindi	Mtwara	Ruvuma
309	Manufacture of transport equipment n.e.c.	-	-	-	-	-	-	1	-	-	-
310	Manufacture of furniture	-	-	4	1	3	3	50	1	1	-
321	Manufacture of jewellery, bijouterie and related articles	-	-	-	-	-	-	21	-	-	-
325	Manufacture of medical and dental instruments and supplies	-	1	-	-	-	-	-	-	-	-
329	Other manufacturing n.e.c.	1	9	2	6	2	1	47	-	1	-
331	Repair of fabricated metal products, machinery and equipment	-	-	-	1	-	-	3	-	1	-
C	Manufacturing	6	54	21	25	18	7	374	3	8	8
351	Electric power generation, transmission and distribution	1	2	1	1	1	1	2	1	1	1
360	Water collection, treatment and supply	2	-	-	-	-	-	1	1	-	-
	Total	9	56	23	27	19	8	378	5	9	9

Table 37 (Ctd): Number of establishments by industrial activity and region - 2009

ISIC Rev.4	Description	Iringa	Mbeya	Singida	Tabora	Rukwa	Kigoma	Shinyanga	Kagera	Mwanza	Mara	Manyara
62	Extraction of natural gas	-	-	-	-	-	-	-	-	-	-	-
72	Mining of non-ferrous metal ores	-	-	-	-	-	-	-	-	-	-	1
81	Quarrying of stone, sand and clay	-	-	-	1	-	-	-	-	-	1	-
89	Mining and quarrying n.e.c.	-	-	-	-	-	1	1	-	-	-	1
B	Mining and quarrying	-	-	-	1	-	1	1	-	-	1	2
101	Processing and preserving of meat	-	-	-	-	-	-	-	-	-	-	-
102	Processing and preserving of fish, crustaceans and molluscs	-	-	-	-	-	-	-	2	4	2	-
103	Processing and preserving of fruit and vegetables	1	-	-	-	-	-	-	1	-	-	-
104	Manufacture of vegetable and animal oils and fats	2	-	16	-	2	-	5	1	1	3	-
106	Manufacture of grain mill products, starches and starch products	1	1	2	-	1	2	-	1	3	-	-
107	Manufacture of other food products	6	4	1	-	-	2	3	12	2	4	9
108	Manufacture of prepared animal feeds	-	-	-	-	-	-	-	-	1	-	-
110	Manufacture of beverages	-	1	-	-	-	-	-	-	3	1	1
120	Manufacture of tobacco products	-	-	-	-	-	-	-	-	-	-	-
131	Spinning, weaving and finishing of textiles	-	-	-	-	-	-	-	-	-	-	-
139	Manufacture of other textiles	-	1	-	-	-	-	1	-	1	1	-
141	Manufacture of wearing apparel, except fur apparel	-	-	-	-	-	-	-	-	-	-	-
	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	-	-	-	-	-	-	-	-	2	-	-
152	Manufacture of footwear	-	-	-	-	-	-	-	-	-	-	-
161	Sawmilling and planing of wood	-	-	-	1	-	-	-	-	-	-	-
162	Manufacture of products of wood, cork, straw and plaiting materials	-	2	-	-	-	-	1	-	3	-	-
170	Manufacture of paper and paper products	1	-	-	-	-	-	-	-	-	-	-
181	Printing and service activities related to printing	-	-	-	1	-	-	-	2	1	1	-
	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	-	-	-	-	-	-	-	-	1	-	-
202	Manufacture of other chemical products	-	-	-	-	-	3	-	-	-	-	-

Table 37 (Ctd): Number of establishments by industrial activity and region - 2009

ISIC Rev.4	Description	Iringa	Mbeya	Singida	Tabora	Rukwa	Kigoma	Shinyanga	Kagera	Mwanza	Mara	Manyara
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	-	-	-	-	-	-	-	-	1	-	-
221	Manufacture of rubber products	-	-	-	-	-	-	-	-	-	-	-
222	Manufacture of plastics products	-	-	-	-	-	-	-	-	-	-	-
239	Manufacture of non-metallic mineral products n.e.c.	-	2	-	-	-	-	-	-	-	-	-
241	Manufacture of basic iron and steel	-	-	-	-	-	-	-	-	1	-	-
242	Manufacture of basic precious and other non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-
243	Casting of metals	-	-	-	-	-	-	-	-	-	-	-
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	-	-	-	-	-	-	-	-	-	-	-
259	Manufacture of other fabricated metal products; metalworking service activities	-	-	-	-	-	-	-	-	1	-	-
272	Manufacture of batteries and accumulators	-	-	-	-	-	-	-	-	-	-	-
273	Manufacture of wiring and wiring devices	-	-	-	-	-	-	-	-	-	-	-
274	Manufacture of electric lighting equipment	-	-	-	-	-	-	-	-	-	-	-
279	Manufacture of other electrical equipment	-	2	-	-	-	-	-	-	-	-	-
281	Manufacture of general-purpose machinery	-	-	-	-	-	-	-	-	-	-	-
282	Manufacture of special-purpose machinery	-	1	-	-	-	-	-	-	-	-	-
291	Manufacture of motor vehicles	-	-	-	-	-	-	-	-	-	-	-
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	-	-	-	-	-	-	-	-	-	-	-
293	Manufacture of parts and accessories for motor vehicles	-	-	-	-	-	-	-	-	-	-	-
301	Building of ships and boats	-	-	-	-	1	-	-	-	-	-	-
309	Manufacture of transport equipment n.e.c.	-	-	-	-	-	-	-	-	-	1	-
310	Manufacture of furniture	5	1	4	-	-	-	-	4	4	-	-
321	Manufacture of jewellery, bijouterie and related articles	-	-	-	-	-	-	-	-	-	-	-
325	Manufacture of medical and dental instruments and supplies	-	-	-	-	-	-	-	-	-	-	-

Table 37 (Ctd): Number of establishments by industrial activity and region - 2009

ISIC Rev.4	Description	Iringa	Mbeya	Singida	Tabora	Rukwa	Kigoma	Shinyanga	Kagera	Mwanza	Mara	Manyara
329	Other manufacturing n.e.c.	2	1	-	-	-	-	-	1	3	-	-
331	Repair of fabricated metal products, machinery and equipment	1	-	-	-	-	-	-	-	2	-	-
C	Manufacturing	19	16	23	2	4	7	10	24	34	13	10
351	Electric power generation, transmission and distribution	1	1	1	1	1	1	1	2	1	1	1
360	Water collection, treatment and supply	2	1	1	2	1	1	-	1	-	1	-
	Total	22	18	25	6	6	10	12	27	35	16	13

Table 38: Number of establishments, employees, total persons engaged, total labour costs, gross output, production costs and value added by region – 2009

Region	(Number)			(000' Tshs.)			
	Establishments	Employees	Total persons engaged	Total labour costs	Gross Output	Production Costs	Value Added
Dodoma	9	589	608	5,006,346	21,747,572	8,437,791	13,309,781
Arusha	56	15,798	15,881	25,398,507	420,172,504	263,929,102	156,243,402
Kilimanjaro	23	4,862	4,875	27,960,324	104,635,116	66,650,168	37,984,948
Tanga	27	6,044	6,079	23,755,180	280,199,539	163,731,414	116,468,125
Morogoro	19	17,215	17,276	46,431,343	312,892,374	162,350,558	150,541,816
Coast	8	754	762	5,265,074	18,804,461	11,087,792	7,716,669
Dar es Salaam	378	32,002	32,769	225,570,987	3,205,242,406	1,876,730,286	1,328,512,120
Lindi	5	105	108	297,928	2,514,652	1,274,108	1,240,544
Mtwara	9	303	317	2,169,451	26,579,436	8,250,678	18,328,758
Ruvuma	9	343	366	1,607,058	237,173,367	190,736,506	46,436,861
Iringa	22	6,845	6,865	27,664,892	162,972,103	96,218,870	66,753,233
Mbeya	18	2,810	2,855	15,821,486	151,306,342	84,220,649	67,085,693
Singida	25	488	584	1,623,200	7,993,995	4,471,836	3,522,159
Tabora	6	644	732	9,442,157	158,999,731	106,165,121	52,834,610
Rukwa	6	390	395	1,129,215	10,267,100	5,911,581	4,355,519
Kigoma	10	487	539	1,295,149	11,439,369	6,975,041	4,464,328
Shinyanga	12	1,606	1,611	23,158,370	95,964,255	73,434,908	22,529,347
Kagera	27	5,971	6,022	23,211,377	288,789,010	216,310,629	72,478,381
Mwanza	35	3,720	3,787	19,052,434	252,507,523	154,198,760	98,308,763
Mara	16	1,929	1,956	46,817,182	401,876,835	285,382,693	116,494,142
Manyara	13	1,136	1,181	7,447,464	34,485,989	20,650,281	13,835,708
Total	733	104,041	105,568	540,125,124	6,206,563,679	3,807,118,772	2,399,444,907

Table 39: Number of persons engaged in industry by ownership – 2009

ISIC Rev.4	Description	Public			Private		
		Employees	Others	Total Persons Engaged	Employees	Others	Total Persons Engaged
5	Mining of coal and lignite	-	-	-	-	-	-
6	Extraction of crude petroleum and natural gas	-	-	-	18	-	19
7	Mining of metal ores	-	-	-	715	-	742
8	Other mining and quarrying	556	-	556	1,070	209	1,280
9	Mining support service activities	-	-	-	-	-	-
B	Mining and quarrying	556	-	556	1,803	209	2,041
10	Manufacture of food products	742	-	755	32,463	2,809	35,628
11	Manufacture of beverages	78	11	89	4,058	181	4,282
12	Manufacture of tobacco products	-	-	-	3,144	-	3,144
13	Manufacture of textiles	507	-	507	10,794	291	11,107
14	Manufacture of wearing apparel	-	-	-	16	-	21
15	Manufacture of leather and related products	-	-	-	1,143	6	1,160
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	-	-	1,072	16	1,134
17	Manufacture of paper and paper products	1,476	-	1,476	512	384	901
18	Printing and reproduction of recorded media	85	-	89	3,787	21	3,966
19	Manufacture of coke and refined petroleum products	-	-	-	-	-	-
20	Manufacture of chemicals and chemical products	-	-	-	2,676	61	2,831
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	-	-	963	25	994
22	Manufacture of rubber and plastics products	413	-	415	3,815	13	3,914
23	Manufacture of other non-metallic mineral products	300	-	300	1,722	52	1,826
24	Manufacture of basic metals	-	-	-	1,328	-	1,348
25	Manufacture of fabricated metal products, except machinery and equipment	17	-	17	1,972	-	2,036
26	Manufacture of computer, electronic and optical products	-	-	-	-	-	-
27	Manufacture of electrical equipment	-	-	-	521	-	529
28	Manufacture of machinery and equipment n.e.c.	16	7	23	97	4	109
29	Manufacture of motor vehicles, trailers and semi-trailers	-	-	-	211	-	223
30	Manufacture of other transport equipment	-	-	-	88	-	94
31	Manufacture of furniture	33	-	40	2,302	150	2,630
32	Other manufacturing	1,218	2	1,223	10,274	39	10,438
33	Repair and installation of machinery and equipment	19	-	19	99	-	106
C	Manufacturing	4,904	20	4,953	83,057	4,052	88,421
35	Electricity, gas, steam and air conditioning supply	4,075	209	4,284	262	3	266
36	Water collection, treatment and supply	413	-	414	555	265	926
	Total Industry	9,948	229	10,207	85,677	4,529	91,654

Table 40: Total labour costs in industry by ownership – 2009

ISIC Rev.4	Description	Public				Private			
		Wages and Salaries (000'TShs)	Pension funds (000'TShs)	Benefits in kind (000'TShs)	Total Labour Costs (000'TShs)	Wages and Salaries (000'TShs)	Pension funds (000'TShs)	Benefits in kind (000'TShs)	Total Labour Costs (000'TShs)
5	Mining of coal and lignite Extraction of crude	-	-	-	-	-	-	-	-
6	petroleum and natural gas	-	-	-	-	342,900	20,100	134	472,079
7	Mining of metal ores					4,483,257	939,695	-	5,649,328
8	Other mining and quarrying	30,953,779	2,774,891	4,050,637	42,114,522	14,848,372	749,149	79,394	16,966,925
9	Mining support service activities								
B	Mining and quarrying	30,953,779	2,774,891	4,050,637	42,114,522	19,674,529	1,708,944	79,528	23,088,332
10	Manufacture of food products	1,043,056	119,094	72,926	1,600,443	72,843,850	7,171,884	8,352,156	102,420,721
11	Manufacture of beverages	362,770	39,831	28,961	525,085	34,831,241	2,162,488	2,621,579	45,352,649
12	Manufacture of tobacco products					8,190,280	681,579	674,226	13,510,331
13	Manufacture of textiles	926,821	61,485	58,120	1,090,238	7,654,487	590,661	785,584	9,499,177
14	Manufacture of wearing apparel	-	-	-	-	11,030	14,560	-	27,787
15	Manufacture of leather and related products	-	-	-	-	3,716,187	276,437	304,707	4,726,377
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	-	-	-	1,995,029	181,133	126,606	3,113,731
17	Manufacture of paper and paper products	2,800,760	116,111	15,393	3,206,704	1,600,148	156,723	16,949	2,112,251
18	Printing and reproduction of recorded media	280,373	39,339	2,010	416,056	11,213,851	5,890,796	732,751	19,760,920
19	Manufacture of coke and refined petroleum products	-	-	-	-	-	-	-	-
20	Manufacture of chemicals and chemical products	-	-	-	-	8,554,173	655,979	1,767,719	13,939,342

Table 40 (Ctd): Total labour costs in industry by ownership – 2009

ISIC Rev.4	Description	Public				Private			
		Wages and Salaries (000'TSHs)	Pension funds (000'TSHs)	Benefits in kind (000'TSHs)	Total Labour Costs (000'TSHs)	Wages and Salaries (000'TSHs)	Pension funds (000'TSHs)	Benefits in kind (000'TSHs)	Total Labour Costs (000'TSHs)
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	-	-	-	3,580,469	328,358	458,077	5,375,987
22	Manufacture of rubber and plastics products	802,642	-	-	852,645	5,521,651	964,976	244,257	10,675,827
23	Manufacture of other non-metallic mineral products	8,112,637	930,402	769,599	11,280,655	7,036,842	1,024,695	1,350,423	10,326,572
24	Manufacture of basic metals					2,517,224	182,404	84,099	3,303,587
25	Manufacture of fabricated metal products, except machinery and equipment	49,000	-	4,800	124,300	4,214,286	499,346	484,346	6,835,579
26	Manufacture of computer, electronic and optical products	-	-	-	-	-	-	-	-
27	Manufacture of electrical equipment					1,589,972	164,240	79,523	2,155,950
28	Manufacture of machinery and equipment n.e.c.	81,354	-	10,000	177,576	260,589	20,488	14,431	418,030
29	Manufacture of motor vehicles, trailers and semi-trailers	-	-	-	-	427,314	43,519	29,229	631,426
30	Manufacture of other transport equipment	-	-	-	-	76,329	2,519	10,213	126,630
31	Manufacture of furniture	6,210	-	-	11,101	2,775,825	244,017	152,062	4,331,676
32	Other manufacturing	1,826,154	145,581	97,549	2,367,991	24,578,238	2,251,948	2,116,700	31,876,178
33	Repair and installation of machinery and equipment	247,892	4,310	9,699	267,638	273,291	24,670	34,773	370,094
C	Manufacturing	16,539,669	1,456,153	1,069,057	21,920,432	203,462,306	23,533,420	20,440,410	290,890,822
35	Electricity, gas, steam and air conditioning supply	95,473,840	7,566,955	7,416	117,759,219	1,084,248	7,416	128,944	1,350,991
36	Water collection, treatment and supply	1,554,902	143,738	16,599	1,924,112	1,570,774	169,166	63,331	2,450,277
	Total Industry	144,522,190	11,941,737	5,143,709	183,718,285	225,791,857	25,418,946	20,712,213	317,780,422

Table 41: Number of establishments, gross output, production costs and value added in industry by ownership - 2009

ISIC Rev.4	Description	Public				Private			
		Number of Establishments	Gross Output (000'TShs)	Production Costs (000'TShs)	Value Added (000'TShs)	Number of Establishments	Gross Output (000'TShs)	Production Costs (000'TShs)	Value Added (000'TShs)
5	Mining of coal and lignite	-	-	-	-	-	-	-	-
6	Extraction of crude petroleum and natural gas	-	-	-	-	1	127,930,500	51,541,945	76,388,555
7	Mining of metal ores	-	-	-	-	1	17,754,523	11,491,505	6,263,018
8	Other mining and quarrying	1	315,701,308	254,128,530	61,572,778	6	185,659,477	117,085,889	68,573,588
9	Mining support service activities	-	-	-	-	-	-	-	-
B	Mining and quarrying	1	315,701,308	254,128,530	61,572,778	8	331,344,500	180,119,339	151,225,161
10	Manufacture of food products	7	72,798,641	61,487,376	11,311,265	196	1,418,037,535	962,354,471	466,783,064
11	Manufacture of beverages	2	2,925,480	1,301,188	1,624,292	30	503,243,827	230,698,474	272,545,353
12	Manufacture of tobacco products	-	-	-	-	2	115,383,532	76,910,229	38,473,303
13	Manufacture of textiles	1	1,445,446	4,995,502	(3,550,056)	20	197,985,837	93,035,110	104,950,727
14	Manufacture of wearing apparel Manufacture of leather and related products	-	-	-	-	1	141,797	44,139	97,658
15	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	-	-	-	-	7	27,479,180	22,375,142	5,104,038
16	Manufacture of paper and paper products Printing and reproduction of recorded media	-	-	-	-	21	63,994,111	46,069,490	19,202,729
17	Manufacture of paper and paper products Printing and reproduction of recorded media	1	4,312,196	1,773,991	2,538,205	4	13,061,220	13,297,336	(236,116)
18	Manufacture of coke and refined petroleum products	4	1,659,050	1,457,676	201,374	48	138,964,442	91,624,177	47,340,265
19	Manufacture of chemicals and chemical products	-	-	-	-	-	-	-	-
20	Manufacture of chemicals and chemical products	-	-	-	-	31	379,721,127	288,175,387	91,545,740
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	-	-	-	6	63,951,653	8,618,830	55,332,823
22	Manufacture of rubber and plastics products	1	22,060,576	2,915,131	19,145,445	21	110,427,469	55,674,645	54,752,824
23	Manufacture of other non-metallic mineral products	1	125,815,063	90,786,769	35,028,294	28	268,324,070	117,558,259	150,765,811
24	Manufacture of basic metals Manufacture of fabricated metal products, except machinery and equipment	-	-	-	-	10	66,126,290	30,829,494	35,296,796
25	Manufacture of fabricated metal products, except machinery and equipment	1	289,250	80,100	209,150	22	122,617,108	100,947,078	21,670,030

Table 41(Ctd): Number of establishments, gross output, production cost and value added in industry by ownership – 2009

ISIC Rev.4	Description	Public			Private				
		Number of Establishments	Gross Output (000'TShs)	Production Costs (000'TShs)	Value Added (000'TShs)	Number of Establishments	Gross Output (000'TShs)	Production Costs (000'TShs)	Value Added (000'TShs)
26	Manufacture of computer, electronic and optical products	-	-	-	-	-	-	-	
27	Manufacture of electrical equipment	-	-	-	7	37,628,522	17,283,024	20,345,498	
28	Manufacture of machinery and equipment n.e.c.	1	128,225	7,978	6	7,373,334	2,133,025	5,240,309	
29	Manufacture of motor vehicles, trailers and semi-trailers	-	-	-	8	3,492,440	2,694,631	797,809	
30	Manufacture of other transport equipment	-	-	-	3	938,499	586,815	351,684	
31	Manufacture of furniture	2	171,182	144,417	79	46,706,927	25,382,124	21,324,803	
32	Other manufacturing	7	40,643,276	20,999,476	90	393,224,935	262,932,646	33,415,726	
33	Repair and installation of machinery and equipment	1	105,316	35,533	7	2,425,636	999,268	1,426,368	
C	Manufacturing	29	272,353,701	185,985,137	86,368,564	647	3,993,627,599	2,450,223,794	1,543,403,805
35	Electricity, gas, steam and air conditioning supply	21	467,069,457	353,665,870	113,403,587	3	110,415,993	94,138,204	16,277,789
36	Water collection, treatment and supply	5	5,085,225	1,530,921	3,554,304	9	28,599,842	21,860,568	6,739,274
Total Industry		56	1,060,209,691	795,310,458	264,899,233	667	4,463,987,934	2,746,341,905	1,717,646,029

Table 42: Number of establishments in industry by size of establishment – 2009

ISIC Rev.4	Description	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
6	Extraction of crude petroleum and natural gas	1	-	-	-	-	1
7	Mining of metal ores	-	-	-	-	1	1
8	Other mining and quarrying	1	1	-	3	2	7
B	Mining and quarrying	2	1	0	3	3	9
10	Manufacture of food products	84	47	38	24	13	206
11	Manufacture of beverages	2	16	4	8	5	35
12	Manufacture of tobacco products	-	-	-	-	3	3
13	Manufacture of textiles	5	1	4	4	8	22
14	Manufacture of wearing apparel	-	1	-	-	-	1
15	Manufacture of leather and related products	-	3	2	1	1	7
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	10	6	1	4	-	21
17	Manufacture of paper and paper products	-	-	-	3	2	5
18	Printing and reproduction of recorded media	13	21	7	10	1	52
20	Manufacture of chemicals and chemical products	10	7	4	10	-	31
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1	1	1	2	1	6
22	Manufacture of rubber and plastics products	1	5	10	5	1	22
23	Manufacture of other non-metallic mineral products	13	10	3	3	1	30
24	Manufacture of basic metals	2	1	2	5	-	10
25	Manufacture of fabricated metal products, except machinery and equipment	5	9	3	6	-	23
27	Manufacture of electrical equipment	2	1	2	2	-	7
28	Manufacture of machinery and equipment n.e.c.	3	4	-	-	-	7
29	Manufacture of motor vehicles, trailers and semi-trailers	3	5	-	-	-	8
30	Manufacture of other transport equipment	2	-	1	-	-	3
31	Manufacture of furniture	49	23	6	2	1	81
32	Other manufacturing	41	17	14	23	3	98
33	Repair and installation of machinery and equipment	6	2	-	-	-	8
C	Manufacturing	252	180	102	112	40	686
35	Electricity, gas, steam and air conditioning supply	2	2	5	15		24
36	Water collection, treatment and supply	1	4	5	4		14
Total Industry		257	187	112	134	43	733

Table 43: Number of employees by employment size – 2009

ISIC Rev.4	Description	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
6	Extraction of crude petroleum and natural gas	19	-	-	-	-	19
7	Mining of metal ores	-	-	-	-	742	742
8	Other mining and quarrying	18	36	-	609	1,173	1,836
B	Mining and quarrying	37	36	-	609	1,915	2,597
10	Manufacture of food products	1,023	1,488	2,810	4,798	26,926	37,045
11	Manufacture of beverages	23	518	264	1,477	3,168	5,450
12	Manufacture of tobacco products	-	-	-	-	3,815	3,815
13	Manufacture of textiles	66	41	274	950	10,832	12,163
14	Manufacture of wearing apparel	-	21	-	-	-	21
15	Manufacture of leather and related products	-	112	121	340	587	1,160
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	136	205	84	709	-	1,134
17	Manufacture of paper and paper products	-	-	-	332	2,045	2,377
18	Printing and reproduction of recorded media	187	608	477	2,195	588	4,055
20	Manufacture of chemicals and chemical products	131	288	265	2,147	-	2,831
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	15	45	94	238	602	994
22	Manufacture of rubber and plastics products	17	160	763	1,384	2,005	4,329
23	Manufacture of other non-metallic mineral products	168	324	225	906	752	2,375
24	Manufacture of basic metals	29	31	147	1,141	-	1,348
25	Manufacture of fabricated metal products, except machinery and equipment	70	280	175	1,528	-	2,053
27	Manufacture of electrical equipment	29	41	170	289	-	529
28	Manufacture of machinery and equipment n.e.c.	32	100	-	-	-	132
29	Manufacture of motor vehicles, trailers and semi-trailers	36	187	-	-	-	223
30	Manufacture of other transport equipment	29	-	65	-	-	94
31	Manufacture of furniture	610	699	382	347	632	2,670
32	Other manufacturing	471	544	1,015	5,055	5,073	12,158
33	Repair and installation of machinery and equipment	77	48	-	-	-	125
C	Manufacturing	3,149	5,740	7,331	23,836	57,025	97,081
35	Electricity, gas, steam and air conditioning supply	26	48	327	4,149	-	4,550
36	Water collection, treatment and supply	16	120	357	847	-	1,340
	Total Industry	3,228	5,944	8,015	29,441	58,940	105,568

Table 44: Number of persons engaged by employment size – 2009

ISIC Rev.4	Description	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
6	Extraction of crude petroleum and natural gas	18	-	-	-	-	18
7	Mining of metal ores	-	-	-	-	715	715
8	Other mining and quarrying	18	36	-	608	1,173	1,835
B	Mining and quarrying	36	36	-	608	1,888	2,568
10	Manufacture of food products	873	1,408	2,738	4,756	26,893	36,668
11	Manufacture of beverages	22	486	247	1,469	3,163	5,387
12	Manufacture of tobacco products	-	-	-	-	3,815	3,815
13	Manufacture of textiles	60	41	264	948	10,807	12,120
14	Manufacture of wearing apparel	-	16	-	-	-	16
15	Manufacture of leather and related products	-	109	120	335	585	1,149
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	116	191	81	700	-	1,088
17	Manufacture of paper and paper products	-	-	-	327	2,045	2,372
18	Printing and reproduction of recorded media	156	550	434	2,165	588	3,893
20	Manufacture of chemicals and chemical products	124	219	260	2,134	-	2,737
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	14	42	92	238	602	988
22	Manufacture of rubber and plastics products	16	154	693	1,373	2,005	4,241
23	Manufacture of other non-metallic mineral products	160	297	223	897	746	2,323
24	Manufacture of basic metals	28	26	140	1,134	-	1,328
25	Manufacture of fabricated metal products, except machinery and equipment	63	266	167	1,493	-	1,989
27	Manufacture of electrical equipment	27	40	167	287	-	521
28	Manufacture of machinery and equipment n.e.c.	30	94	-	-	-	124
29	Manufacture of motor vehicles, trailers and semi-trailers	31	180	-	-	-	211
30	Manufacture of other transport equipment	25	-	63	-	-	88
31	Manufacture of furniture	559	659	304	340	623	2,485
32	Other manufacturing	406	526	999	5,026	5,073	12,030
33	Repair and installation of machinery and equipment	74	44	-	-	-	118
C	Manufacturing	2,784	5,348	6,992	23,622	56,945	95,691
35	Electricity, gas, steam and air conditioning supply	26	48	327	4,148	-	4,549
36	Water collection, treatment and supply	14	117	340	762	-	1,233
	Total Industry	2,860	5,549	7,659	29,140	58,833	104,041

Table 45: Total labour costs in industry by employment size-2009

		(Tshs '000')					
ISIC Rev.4	Description	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
6	Extraction of crude petroleum and natural gas	472,079	-	-	-	-	472,079
7	Mining of metal ores	-	-	-	-	5,649,328	5,649,328
8	Other mining and quarrying	30,892	316,589	-	5,918,444	52,815,522	59,081,447
B	Mining and quarrying	502,971	316,589	-	5,918,444	58,464,850	65,202,854
24	Manufacture of basic metals	16,659	75,178	234,336	2,977,414	-	3,303,587
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	99,163	802,157	302,360	2,041,989	2,130,318	5,375,987
11	Manufacture of beverages	9,122	2,669,050	1,469,202	23,276,399	41,139,463	68,563,236
20	Manufacture of chemicals and chemical products	1,612,274	902,679	590,647	10,833,742	-	13,939,342
27	Manufacture of electrical equipment	143,212	5,954	1,056,045	950,739	-	2,155,950
25	Manufacture of fabricated metal products, except machinery and equipment	171,594	899,939	284,430	5,603,916	-	6,959,879
10	Manufacture of food products	1,222,410	4,428,594	18,459,100	14,281,304	67,221,561	105,612,969
31	Manufacture of furniture	694,148	1,420,978	543,778	385,222	1,298,651	4,342,777
15	Manufacture of leather and related products	-	573,314	237,552	3,675,456	240,055	4,726,377
28	Manufacture of machinery and equipment n.e.c.	124,494	471,112	-	-	-	595,606
29	Manufacture of motor vehicles, trailers and semi-trailers	61,525	569,901	-	-	-	631,426
23	Manufacture of other non-metallic mineral products	470,660	1,078,757	794,720	23,556,308	675,914	26,576,359
30	Manufacture of other transport equipment	51,781	-	74,849	-	-	126,630
17	Manufacture of paper and paper products	-	-	-	1,079,803	4,239,152	5,318,955
22	Manufacture of rubber and plastics products	11,631	291,318	7,043,706	3,848,080	333,737	11,528,472
13	Manufacture of textiles	218,742	26,637	283,211	1,178,763	10,851,827	12,559,180
12	Manufacture of tobacco products	-	-	-	-	13,528,065	13,528,065
14	Manufacture of wearing apparel	-	27,787	-	-	-	27,787
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	247,637	601,023	271,294	1,993,777	-	3,113,731
32	Other manufacturing	602,580	1,566,251	3,421,506	32,629,130	3,417,181	41,636,648
18	Printing and reproduction of recorded media	513,390	5,691,765	2,545,202	11,114,866	311,753	20,176,976
33	Repair and installation of machinery and equipment	343,185	294,547	-	-	-	637,732
C	Manufacturing	6,614,207	22,396,941	37,611,938	139,426,908	145,387,677	351,437,671
35	Electricity, gas, steam and air conditioning supply	683,182	1,351,797	6,215,217	110,860,014	-	119,110,210
36	Water collection, treatment and supply	5,300	434,743	1,140,748	2,793,598	-	4,374,389
	Electricity and Water	688,482	1,786,540	7,355,965	113,653,612	-	123,484,599
	Total Industry	7,805,660	24,500,070	44,967,903	258,998,964	203,852,527	540,125,124

Table 46: Wages and salaries in industry by employment size -2009

		(Tshs '000')					
ISIC Rev.4	Description	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
6	Extraction of crude petroleum and natural gas	342,900	-	-	-	-	342,900
7	Mining of metal ores	-	-	-	-	4,483,257	4,483,257
8	Other mining and quarrying	22,284	157,034	-	4,965,054	40,657,779	45,802,151
	Mining and quarrying	365,184	157,034	-	4,965,054	45,141,036	50,628,308
10	Manufacture of food products	955,446	3,161,464	10,365,047	11,074,767	49,574,470	75,131,194
11	Manufacture of beverages	8,936	1,939,568	1,184,659	15,492,945	32,385,916	51,012,024
12	Manufacture of tobacco products	-	-	-	-	8,203,670	8,203,670
13	Manufacture of textiles	212,016	25,115	217,358	992,239	8,589,681	10,036,409
14	Manufacture of wearing apparel	-	11,030	-	-	-	11,030
15	Manufacture of leather and related products	-	506,268	60,595	2,936,595	212,729	3,716,187
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	164,356	551,054	114,075	1,165,544	-	1,995,029
17	Manufacture of paper and paper products	-	-	-	861,094	3,539,814	4,400,908
18	Printing and reproduction of recorded media	321,950	1,158,921	1,947,403	7,866,812	199,138	11,494,224
20	Manufacture of chemicals and chemical products	266,733	555,766	258,886	7,472,788	-	8,554,173
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	73,353	566,719	207,108	1,388,049	1,345,240	3,580,469
22	Manufacture of rubber and plastics products	7,160	217,932	2,786,411	3,020,473	292,317	6,324,293
23	Manufacture of other non-metallic mineral products	396,950	797,476	565,345	15,924,727	612,627	18,297,125
24	Manufacture of basic metals	11,038	66,895	206,709	2,232,582	-	2,517,224
25	Manufacture of fabricated metal products, except machinery and equipment	83,807	686,609	216,847	3,276,023	-	4,263,286
27	Manufacture of electrical equipment	92,435	4,680	766,868	725,989	-	1,589,972
28	Manufacture of machinery and equipment n.e.c.	68,276	273,667	-	-	-	341,943
29	Manufacture of motor vehicles, trailers and semi-trailers	36,747	390,567	-	-	-	427,314
30	Manufacture of other transport equipment	50,569	-	25,760	-	-	76,329
31	Manufacture of furniture	511,917	600,238	406,234	120,357	1,143,289	2,782,035
32	Other manufacturing	486,875	1,144,819	2,607,399	25,956,485	2,825,079	33,020,657
33	Repair and installation of machinery and equipment	308,659	212,524	-	-	-	521,183
	Manufacturing	4,057,223	12,871,312	21,936,704	100,507,469	108,923,970	248,296,678
35	Electricity, gas, steam and air conditioning supply	351,248	1,100,748	5,103,468	90,002,624	-	96,558,088
36	Water collection, treatment and supply	5,000	342,650	871,207	1,906,819	-	3,125,676
	Electricity and Water Supply	356,248	1,443,398	5,974,675	91,909,443	-	99,683,764
	Total Industry	4,778,655	14,471,744	27,911,379	197,381,966	154,065,006	398,608,750

Table 47: Gross output in industry by employment size – 2009

(Tshs '000')

ISIC Rev.4	Description	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
6	Extraction of crude petroleum and natural gas	127,930,500	-	-	-	-	127,930,500
7	Mining of metal ores	-	-	-	-	17,754,523	17,754,523
8	Other mining and quarrying	107,857	10,746,250	-	148,959,370	341,547,308	501,360,785
B	Mining and quarrying	128,038,357	10,746,250	-	148,959,370	359,301,831	647,045,808
10	Manufacture of food products	28,887,527	359,435,414	199,084,366	546,452,400	375,621,791	1,509,481,498
11	Manufacture of beverages	1,987,467	32,522,062	16,931,636	279,602,141	530,990,062	862,033,368
12	Manufacture of tobacco products	-	-	-	-	270,389,857	270,389,857
13	Manufacture of textiles	718,354	522,759	89,644,790	42,128,365	84,008,306	217,022,574
14	Manufacture of wearing apparel	141,797	-	-	-	-	141,797
15	Manufacture of leather and related products	-	4,301,212	1,506,186	17,654,599	4,017,183	27,479,180
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	23,720,560	13,734,930	3,816,285	24,000,444	-	65,272,219
17	Manufacture of paper and paper products	-	-	-	12,949,455	4,423,961	17,373,416
18	Printing and reproduction of recorded media	4,375,283	14,574,357	27,795,296	91,356,509	2,522,047	140,623,492
20	Manufacture of chemicals and chemical products	11,853,414	96,506,883	12,674,079	258,686,751	-	379,721,127
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	70,507	5,018,631	8,118,975	16,310,505	34,433,035	63,951,653
22	Manufacture of rubber and plastics products	74,752	4,807,497	47,462,446	75,416,566	4,726,784	132,488,045
23	Manufacture of other non-metallic mineral products	42,922,093	7,549,480	5,547,546	361,848,145	32,322,289	450,189,553
24	Manufacture of basic metals	507,260	2,088,403	6,374,148	57,156,479	-	66,126,290
25	Manufacture of fabricated metal products, except machinery and equipment	621,649	13,593,244	4,069,222	104,622,243	-	122,906,358
27	Manufacture of electrical equipment	165,692	105,939	17,154,560	20,202,331	-	37,628,522
28	Manufacture of machinery and equipment n.e.c.	4,900,868	2,600,691	-	-	-	7,501,559
29	Manufacture of motor vehicles, trailers and semi-trailers	1,140,610	2,351,830	-	-	-	3,492,440
30	Manufacture of other transport equipment	478,328	-	460,171	-	-	938,499
31	Manufacture of furniture	12,212,975	9,089,423	5,378,403	9,512,215	10,685,093	46,878,109
32	Other manufacturing	10,628,633	15,763,052	38,184,311	360,653,652	98,947,198	524,176,846
33	Repair and installation of machinery and equipment	1,615,069	915,883	-	-	-	2,530,952
C	Manufacturing	147,022,838	585,481,690	484,202,420	2,278,552,800	1,453,087,606	4,948,347,354
35	Electricity, gas, steam and air conditioning supply	89,161,034	5,037,914	43,706,830	439,579,672	-	577,485,450
36	Water collection, treatment and supply	15,914,294	2,859,472	3,121,681	11,789,620	-	33,685,067
	ELECTRICITY AND WATER SUPPLY	105,075,328	7,897,386	46,828,511	451,369,292	-	611,170,517
	TOTAL INDUSTRY	380,136,523	604,125,326	531,030,931	2,878,881,462	1,812,389,437	6,206,563,679

Table 48: Total production costs in industry by employment size -2009

		Employment size					(Tshs '000')
ISIC Rev.4	Description	10-19	20-49	50-99	100-499	500+	Total
	6 Extraction of crude petroleum and natural gas	51,541,945					51,541,945
	7 Mining of metal ores					11,491,505	11,491,505
	8 Other mining and quarrying	26,595	4,700,097		101,046,197	265,441,530	371,214,419
B	Mining and quarrying	51,568,540	4,700,097	-	101,046,197	276,933,035	434,247,869
	10 Manufacture of food products	17,455,885	282,910,284	107,575,836	397,787,276	210,043,438	1,015,772,719
	11 Manufacture of beverages	1,013,214	18,289,427	9,896,380	130,867,336	202,613,290	362,679,647
	12 Manufacture of tobacco products					131,492,960	131,492,960
	13 Manufacture of textiles	416,770	498,174	27,840,240	40,276,269	35,699,341	104,730,794
	14 Manufacture of wearing apparel	44,139					44,139
	15 Manufacture of leather and related products		3,182,507	457,331	15,876,459	2,858,845	22,375,142
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	22,604,800	5,804,870	2,650,898	15,008,922		46,069,490
	17 Manufacture of paper and paper products				11,441,966	3,629,361	15,071,327
	18 Printing and reproduction of recorded media	2,632,584	9,051,085	10,157,558	69,716,099	1,524,527	93,081,853
	20 Manufacture of chemicals and chemical products	10,200,844	73,465,894	18,611,880	185,896,769		288,175,387
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	191,026	3,953,770	952,787	1,369,748	2,151,499	8,618,830
	22 Manufacture of rubber and plastics products	31,541	4,082,903	25,250,394	27,082,197	2,142,741	58,589,776
	23 Manufacture of other non-metallic mineral products	21,518,320	4,325,271	5,433,631	200,024,840	1,722,696	233,024,758
	24 Manufacture of basic metals	388,118	370,103	4,584,615	25,486,658		30,829,494
	25 Manufacture of fabricated metal products, except machinery and equipment	272,822	8,369,827	6,490,123	85,894,406		101,027,178
	27 Manufacture of electrical equipment	77,099	63,541	6,959,416	10,182,968		17,283,024
	28 Manufacture of machinery and equipment n.e.c.	718,104	1,422,899				2,141,003
	29 Manufacture of motor vehicles, trailers and semi-trailers	879,359	1,815,272				2,694,631
	30 Manufacture of other transport equipment	335,592		251,223			586,815
	31 Manufacture of furniture	7,739,676	7,862,692	2,830,385	1,649,680	5,444,108	25,526,541
	32 Other manufacturing	7,304,520	9,341,346	28,716,073	241,647,315	53,815,777	340,825,031
	33 Repair and installation of machinery and equipment	585,812	448,989				1,034,801
C	Manufacturing	94,410,225	435,258,854	258,658,770	1,460,208,908	653,138,583	2,901,675,340
	35 Electricity, gas, steam and air conditioning supply	84,013,604	3,859,509	19,195,192	340,735,769		447,804,074
	36 Water collection, treatment and supply	14,614,032	1,716,060	1,346,903	5,714,494		23,391,489
	ELECTRICITY AND WATER SUPPLY	98,627,636	5,575,569	20,542,095	346,450,263	-	471,195,563
	TOTAL INDUSTRY	244,606,401	445,534,520	279,200,865	1,907,705,360	930,071,618	3,807,118,772

Table 49: Value added in industry by employment size - 2009

ISIC Rev.4	Description	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
	6 Extraction of crude petroleum and natural gas	76,388,555	-	-	-	-	76,388,555
	7 Mining of metal ores	-	-	-	-	6,263,018	6,263,018
	8 Other mining and quarrying	81,262	6,046,153	-	47,913,173	76,105,778	130,146,366
B	Mining and quarrying	76,469,817	6,046,153		47,913,173	82,368,796	212,797,939
	10 Manufacture of food products	11,431,642	76,525,130	91,508,530	148,665,124	165,578,353	493,708,779
	11 Manufacture of beverages	974,253	14,232,635	7,035,256	148,734,805	328,376,772	499,353,721
	12 Manufacture of tobacco products	-	-	-	-	138,896,897	138,896,897
	13 Manufacture of textiles	301,584	24,585	61,804,550	1,852,096	48,308,965	112,291,780
	14 Manufacture of wearing apparel	97,658	-	-	-	-	97,658
	15 Manufacture of leather and related products	-	1,118,705	1,048,855	1,778,140	1,158,338	5,104,038
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,115,760	7,930,060	1,165,387	8,991,522	-	19,202,729
	17 Manufacture of paper and paper products	-	-	-	1,507,489	794,600	2,302,089
	18 Printing and reproduction of recorded media	1,742,699	5,523,272	17,637,738	21,640,410	997,520	47,541,639
	20 Manufacture of chemicals and chemical products	1,652,570	23,040,989	-5,937,801	72,789,982	-	91,545,740
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	-120,519	1,064,861	7,166,188	14,940,757	32,281,536	55,332,823
	22 Manufacture of rubber and plastics products	43,211	724,594	22,212,052	48,334,369	2,584,043	73,898,269
	23 Manufacture of other non-metallic mineral products	21,403,773	3,224,209	113,915	161,823,305	30,599,593	217,164,795
	24 Manufacture of basic metals	119,142	1,718,300	1,789,533	31,669,821	-	35,296,796
	25 Manufacture of fabricated metal products, except machinery and equipment	348,827	5,223,417	-2,420,901	18,727,837	-	21,879,180
	27 Manufacture of electrical equipment	88,593	42,398	10,195,144	10,019,363	-	20,345,498
	28 Manufacture of machinery and equipment n.e.c.	4,182,764	1,177,792	-	-	-	5,360,556
	29 Manufacture of motor vehicles, trailers and semi-trailers	261,251	536,558	-	-	-	797,809
	30 Manufacture of other transport equipment	142,736	-	208,948	-	-	351,684
	31 Manufacture of furniture	4,473,299	1,226,731	2,548,018	7,862,535	5,240,985	21,351,568
	32 Other manufacturing	3,324,113	6,421,706	9,468,238	119,006,337	45,131,421	183,351,815
	33 Repair and installation of machinery and equipment	1,029,257	466,894	-	-	-	1,496,151
C	Manufacturing	52,612,613	150,222,836	225,543,650	818,343,892	799,949,023	2,046,672,014
	35 Electricity, gas, steam and air conditioning supply	5,147,430	1,178,405	24,511,638	98,843,903	-	129,681,376
	36 Water collection, treatment and supply	1,300,262	1,143,412	1,774,778	6,075,126	-	10,293,578
	ELECTRICITY AND WATER SUPPLY	6,447,692	2,321,817	26,286,416	104,919,029	-	139,974,954
	TOTAL INDUSTRY	135,530,122	158,590,806	251,830,066	971,176,094	882,317,819	2,399,444,907

Table 50: Value of energy consumed by industrial activity and type – 2009

		(Tshs '000')					
ISIC Rev.4	Description	Electricity	Water	Gas	Fuels for machines & vehicles	Wood, charcoal & Peat	Other
620	Extraction of natural gas	4,191,000	1,048,500	1,888,500	200,500	-	-
729	Mining of other non-ferrous metal ores	351,058	-	37,568	488,793	1,870	5,461
810	Quarrying of stone, sand and clay	1,684,304	-	31,184,417	6,596,906	-	-
891	Mining of chemical and fertilizer minerals	177,181	-	-	-	-	976,285
893	Extraction of salt	496	-	-	798,174	-	5,127
899	Other mining and quarrying n.e.c.	3,733,796	-	8,345	-	-	-
B	Mining and quarrying	10,137,835	1,048,500	33,118,830	8,084,373	1,870	986,873
1010	Processing and preserving of meat	33,545	-	7,447	-	-	11,539
1020	Processing and preserving of fish, crustaceans and molluscs	4,312,997	978,569	280,123	968,184	-	42,891
1030	Processing and preserving of fruit and vegetables	7,398	74,763	-	32,278	1,500	123,344
1040	Manufacture of vegetable and animal oils and fats	1,894,307	57,820	2,849,881	1,698,865	9,905	8,157
1061	Manufacture of grain mill products	4,197,398	201,923	47,451	1,077,958	300	-
1071	Manufacture of bakery products	698,908	70,615	2,075	800,752	10,320	-
1072	Manufacture of sugar	1,898,917	18,670	8,440	3,843,617	51,583	-
1073	Manufacture of cocoa, chocolate and sugar confectionery	3,052,391	14,472	18,988	2,890,105	976	-
1079	Manufacture of other food products n.e.c.	18,363,543	18,549,807	844,554	16,859,310	1,090,386	78,237
1080	Manufacture of prepared animal feeds	24,414	1,228	-	9,415	-	-
1101	Distilling, rectifying and blending of spirits	1,492,537	25,925	2,797,937	1,188,663	566,748	649,280
1102	Manufacture of wines	147,313	5,041	-	142,300	-	48,000
1103	Manufacture of malt liquors and malt	2,053,000	684,000	-	4,106,000	-	-
1104	Manufacture of soft drinks; production of mineral waters and other bottled waters	8,267,692	913,055	86,277	9,540,547	499,988	1,450
1200	Manufacture of tobacco products	2,151,154	41,198	251,267	3,205,054	-	-
1311	Preparation and spinning of textile fibres	201,825	527	-	758,200	-	-
1312	Weaving of textiles	2,692,985	38,346	5,210	217,226	-	771,906
1313	Finishing of textiles	369,350	-	-	-	-	-
1392	Manufacture of made-up textile articles, except apparel	4,044,746	112,919	2,234,801	27,656	655,291	176,634
1393	Manufacture of carpets and rugs	426,168	42,683	-	24,669	38,317	18,751
1399	Manufacture of other textiles n.e.c.	1,119,092	1,902	-	157,930	-	-
1410	Manufacture of wearing apparel, except fur apparel	5,603	3,455	-	976	-	-
1511	Tanning and dressing of leather; dressing and dyeing of fur	33,128	3,600	-	9,856	-	-

Table 50 (Ctd): Value of energy consumed by industrial activity and type – 2009

		(Tshs '000')					
ISIC Rev.4	Description	Electricity	Water	Gas	Fuels for machines & vehicles	Wood, charcoal & Peat	Other
1512	Manufacture of luggage, handbags and the like, saddlery and harness	1,857,436	869,197	107,554	254,266	-	-
1520	Manufacture of footwear	213,983	14,909	-	103,955	-	-
1610	Sawmilling and planing of wood	588,795	532	-	75,763	12,072	-
1621	Manufacture of veneer sheets and wood-based panels	53,727	8,458	-	82,605	-	-
1622	Manufacture of builders' carpentry and joinery	32,833	7,929	2,185	450,253	6,384	-
1629	Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials	206,680	676,271	8,500	63,615	-	-
1701	Manufacture of pulp, paper and paperboard	256,521	7,638	243	91,229	268,584	423,497
1702	Manufacture of corrugated paper and paperboard and of containers of paper and paperboard	591,288	73,546	179	714,193	107,306	-
1811	Printing	1,766,439	43,034	54,142	1,887,719	1,991	37,641
1812	Service activities related to printing	120,987	412	-	8,000	-	-
2013	Manufacture of plastics and synthetic rubber in primary forms	3,003,429	324,056	10,051	1,546,755	-	-
2021	Manufacture of pesticides and other agrochemical products	452,540	158,466	-	207,600	-	-
2022	Manufacture of paints, varnishes and similar coatings, printing ink and mastics	1,442,367	22,999	58,772	431,372	-	-
2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	2,451,819	37,141	911,888	904,390	2,895	1,360
2029	Manufacture of other chemical products n.e.c.	5,250	1,678	-	29,363	-	-
2100	Manufacture of pharmaceuticals, medicinal chemical and botanical products	780,950	46,601	40,544	263,871	-	-
2211	Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres	1,367,880	-	-	-	-	-
2220	Manufacture of plastics products	4,265,508	503,263	210,351	394,333	-	63,827
2392	Manufacture of clay building materials	970,242	33,204	2,407	915,795	1,800	21,072
2393	Manufacture of other porcelain and ceramic products	3,723	1,596	-	-	-	-
2394	Manufacture of cement, lime and plaster	9,948,572	452,077	3,520,058	14,994,258	279,961	9,493,139

Table 50 (Ctd): Value of energy consumed by industrial activity and type – 2009

		(Tshs '000')					
ISIC Rev.4	Description	Electricity	Water	Gas	Fuels for machines & vehicles	Wood, charcoal & Peat	Other
2395	Manufacture of articles of concrete, cement and plaster	278,359	13,071	-	130,648	-	10,286
2396	Cutting, shaping and finishing of stone	2,360,000	-	-	-	-	-
2410	Manufacture of basic iron and steel	4,654,449	48,658	51,542	666,752	-	607,479
2420	Manufacture of basic precious and other non-ferrous metals	30,137	-	-	86,938	-	-
2431	Casting of iron and steel	312,000	14,000	90,413	336,000	-	-
2511	Manufacture of structural metal products	2,125,045	13,584	1,601	4,717	-	105,396
2512	Manufacture of tanks, reservoirs and containers of metal	3,323	1,427	77,902	68,536	-	9,907
2599	Manufacture of other fabricated metal products n.e.c.	5,028,405	98,129	916,990	962,780	1,184	2,929
2720	Manufacture of batteries and accumulators	276,822	-	-	-	-	-
2732	Manufacture of other electronic and electric wires and cables	475,123	-	-	131,233	-	13,365
2740	Manufacture of electric lighting equipment	44,740	-	-	67,612	-	35,005
2790	Manufacture of other electrical equipment	11,444	322	630	3,928	-	-
2813	Manufacture of other pumps, compressors, taps and valves	21,541	4,788	-	54,195	-	-
2821	Manufacture of agricultural and forestry machinery	4,560	978	500	10,983	280	520
2824	Manufacture of machinery for mining, quarrying and construction	7,813	2,007	-	1,121	-	-
2826	Manufacture of machinery for textile, apparel and leather production	5,400	-	-	95	-	-
2910	Manufacture of motor vehicles	5,424	352	-	2,695	-	-
2920	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	16,831	2,645	6,767	12,515	-	20,017
2930	Manufacture of parts and accessories for motor vehicles	37,189	15,938	-	19,680	-	-
3012	Building of pleasure and sporting boats	2,178	720	-	125,710	-	-
3091	Manufacture of motorcycles	129	102	-	-	-	-

Table 50 (Ctd): Value of energy consumed by industrial activity and type – 2009

		(Tshs '000')					
ISIC Rev.4	Description	Electricity	Water	Gas	Fuels for machines & vehicles	Wood, charcoal & Peat	Other
3099	Manufacture of other transport equipment n.e.c.	526	226	23	-	-	-
3100	Manufacture of furniture	542,827	26,991	12,966	2,030,873	1,726,393	14,614
3211	Manufacture of jewellery and related articles	26,884	77	320	1,199	-	-
3250	Manufacture of medical and dental instruments and supplies	56,755	-	12,388	-	-	-
3290	Other manufacturing n.e.c.	9,851,424	384,709	6,311,479	2,967,746	1,094,240	826,240
3311	Repair of fabricated metal products	1,655	-	-	-	-	15
3312	Repair of machinery	3,011	253	-	164	-	-
3314	Repair of electrical equipment	13,612	5,833	-	10,133	-	-
3315	Repair of transport equipment, except motor vehicles	728	240	365	-	-	-
3319	Repair of other equipment	8,189	1,103	-	26,860	-	-
C	Manufacturing	114,075,903	25,759,678	21,845,211	78,702,009	6,428,404	13,616,498
3510	Electric power generation, transmission and distribution	160,547,185	-	-	12,152,844	-	-
3600	Water collection, treatment and supply	1,931,277	483,041	-	1,115,060	199,791	-
	ELECTRICITY AND WATER SUPPLY	162,478,462	483,041	-	13,267,904	199,791	-
	TOTAL INDUSTRY	286,692,200	27,291,219	54,964,041	100,054,286	6,630,065	14,603,371

APPENDIX I

**PERSONS INVOLVED IN 2009 ANNUAL
SURVEY OF INDUSTRIAL PRODUCTION**

PRINCIPAL INVESTIGATORS

Ms. Joyce K.G Mapunjo, the Permanent Secretary, Ministry of Industry and Trade

Dr. Albina Chuwa, the Director General, National Bureau of Statistics

Ms. Christine Kilindu, the Executive Director, Confederation of Tanzania Industry.

Steering Committee

Ms. E.S. Sikazwe, Director of Industrial Development, Ministry Industry and Trade

Mr. M. Oyuke, Director of Economic Statistics Directorate, National Bureau of Statistics

Mr. H. Kamote, Director of Policy and Advocacy Confederation of Tanzania Industry

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Ministry of Industry and Trade

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Iringa	Jerome Bange Winfrida Costantino	Elishiwanga Mathayo
Singida	Gordwin Steven Julius Daudi	Nestory Mazinza
Kagera	Pancras Kamala Epimachus Raphael	Peter Milinga
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Kilimanjaro	Severine Mukuti Aniseth Mshanga	Alex M. Luhwavi
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REGION	ENUMERATORS	SUPERVISORS
Kigoma	Bukuru Bidangwa	Preus Bayona
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Rukwa	Alexander Mwakiwone	Adam Ramadhani
Mara	Bernard Marwa Boaz Nyamkorora	Ramadhani Mbega

APPENDIX II

The questionnaire

PART I: ESTABLISHMENT DESCRIPTION

- 1.1 Full Name of the Establishment:.....
- 1.2 Mailing Address:.....
- 1.3 Physical location of the establishment
- Region:..... Village:.....

- District:..... Street:.....

- Ward:..... Plot
 No:.....
- 1.4 Tel:..... 1.5 Mobile:..... 1.6 Fax No :..... 1.7 E-mail:
- 1.8 Name of contact person:.....
- Designation:..... Tel./Mobile:.....
- 1.9 Economic organisation of the establishment:
- Please write correct number in the box provided
1. Single establishment
 2. Head office – owns or controls other establishments
 3. This establishment is owned and controlled by another establishment
- If the box is marked 3, please provide name and address of head office*
- Name:Address.....

1.10 Activity of the Establishment:

(For official use only)

Principle Activity:.....

--	--	--	--

Other activity:.....

1.11 Main products manufactured:.....

1.12 Origin of ownership (Circle the correct answer)

- 1 National
- 2 Foreign
- 3 Joint If 3, please indicate % of National:

--	--

1.13 Form of ownership(Circle the correct answer)

- 1 Public
- 2 Private
- 3 Mixed If 3, please indicate % of Public:

--	--

1.14 Type of legal organisation: (Circle the correct answer)

- | | | | |
|--------------------------|---|------------------------------|---|
| Sole proprietorship..... | 1 | Cooperative | 5 |
| Partnership..... | 2 | Private company | 6 |
| Public..... | 3 | Private limited company..... | 7 |
| Parastatal..... | 4 | Other, specify..... | 8 |

1.15 Source of finance(Total investments and operating capital):

(‘000) Shs

- Personal and relatives
- Loans from banks and other credit institutions
- Government
- Other, specify.....

1.16 Year the establishment started operation :

.....

1.17 Period to which data in this questionnaire refer to: From: To:

PART II: INDUSTRIAL PRODUCTION

2. EMPLOYMENT

2.1 Number of persons engaged

(Number)

Employment as at	code	Tanzanian	Foreign	
30 th June – 2008	2.11			Males
	2.12			Females
31 st December – 2008	2.13			Males
	2.14			Females

2.2 Average number of persons engaged including part time workers

Category	code	Tanzanian	Foreign	
Working proprietors and partners (<i>Active owners of the legal entity</i>)	2.21			Males
	2.22			Females
Unpaid workers (<i>Members of religious institutions, family members, prisoners, J.K.T militia and the like</i>)	2.23			Males
	2.24			Females
Employees: Managerial and professional staff (<i>Managerial, technical, clerical and other office workers etc</i>)	2.25			Males
	2.26			Females
Operatives –skilled (<i>Foremen, machine operators, fitters, casual and manual workers</i>)	2.27			Males
	2.28			Females
Operatives –non skilled (<i>Foremen, machine operators, fitters, casual and manual workers</i>)	2.29			Males
	2.30			Females
Other	2.31			Males
	2.32			Females
Total Persons Engaged (2.21+2.23+2.25+2.27+2.29+2.31)	2.33			Males
	2.34			Females
Number of outworkers paid by subcontractors as at 31 December 2008	2.35			Males
	2.36			Females

3. LABOUR COSTS DURING THE REFERENCE PERIOD**(000'Tshs)**

3.01 Gross wages and salaries paid to employees (including bonus and gratuities)	<input type="text"/>
3.02 Overtime payments	<input type="text"/>
3.03 Reimbursement of travel expenses	<input type="text"/>
3.04 Payments in kind, e.g food, drinks, fuel	<input type="text"/>
3.05 Employer's contribution to social Security Schemes (e.g, NSSF)	<input type="text"/>
3.06 Training expenses	<input type="text"/>
3.07 Other labour costs (<i>please specify</i>)	<input type="text"/>

4. PURCHASES MADE DURING THE REFERENCE PERIOD (*please exclude VAT*)**4.1 Electricity, water and fuels consumed**

Description	Unit	Quantity	Value (000' Shs)
4.11 Electricity	KWH		
4.12 Water	M ³		
4.13 Gas			
4.14 Fuel for machines and vehicles			
4.15 Wood, charcoal and peat			
4.16 Other fuels, please specify			
Total			

4.2. Goods purchased

4.21 *Cost of goods sold as purchased (000' Shs):*.....

4.22 *Materials and supplies purchased*

Value in (000'
Shs)

CPC Code	Description	Unit	Imported		Local	
			Quantity	Value	Quantity	Value
	Other including stationery and spare parts					
Total						

4.3 Services consumed

4.31 *Industrial services*

Description	Amount (000' Shs)
4.311 Contract and commission paid for work done on your materials (e.g., outworkers)	
4.312 Cost of repairs and maintenance work	
4.313 Waste treatment costs	
Total	

4.32 Non-industrial services

Description	Amount (000' Shs)
4.321 Postage and other communication costs	<input type="text"/>
4.322 Rental of building, machinery, plant and equipment	<input type="text"/>
4.323 Storage and hire of transport	<input type="text"/>
4.324 Publicity and bank charges	<input type="text"/>
4.325 Consultancy and other professional fees (legal, fiscal, accountancy, etc.)	<input type="text"/>
4.326 Other, please specify.....	<input type="text"/>
Total	<input type="text"/>

4.4 Other expenses

Description	Amount (000' Shs)
4.41 Interests and dividends paid excluding bank charges	<input type="text"/>
4.42 Insurance paid	<input type="text"/>
4.43 Income tax	<input type="text"/>
4.44 Net value-added tax paid	<input type="text"/>
4.45 Other taxes on production, e.g., rates, licences, road tax	<input type="text"/>
4.46 Other, please specify.....	<input type="text"/>
Total	<input type="text"/>

5. OUTPUT (please exclude VAT and excise duties)**5.1 Utilization of production capacity**

CPC Code	Product Description	Unit	Installed Capacity	Actual Production	Capacity Utilization (%)

5.2 Sales from own production

Value in (000' Shs)

CPC Code	Description	Unit	Exported		Locally sold	
			Quantity	Value	Quantity	Value
	Other					
Total						

5.21 Major countries of export

Country	%

5.3 Industrial services

Description	Amount (000' Shs)
5.311 Receipts from contract work done for others on their materials	
5.312 Receipts from repair and installation work done for others	
5.313 Other, please specify	
Total	

5.32 Non-industrial services

Description	Amount (000' Shs)
5.321 Rents received	
5.322 Receipts from transport services rendered to others	
5.323 Value of assets sold	
5.324 Receipts from warehousing services	
5.325 Other, please specify	
Total	

5.33 Other receipts

Description	Amount (000' Shs)
5.331 Interests and dividends received	
5.332 Insurance premiums received	
5.333 Subsidies received	
5.334 Others, please specify	
Total	

6 VALUE OF THE INVENTORIES

Description	Value in '000' Shs	
	Opening balance	Closing balance
6.1 Materials and supplies (raw materials, chemicals, etc.)		
6.2 Fuels		
6.3 Work in progress (semi-finished products)		
6.4 Finished products		
6.5 Goods purchased for resale		
Total		

7 VALUE OF THE FIXED ASSETS

Type	Value at the beginning	Additions		Disposals	Depreciation during the period	Net Value at the end
		Purchased	Own production			
7.1 Land						
7.2 Buildings and other construction works						
7.3 Transport equipment						
7.4 Machinery and other equipment						
7.5 Database peripherals, software etc.						
7.6 Others						
Total						

FOR OFFICIAL USE ONLY**MAIN STATISTICS – FOR EDITING PURPOSES**

		Number
A. NO. OF EMPLOYEES (Total): (Total 2.2 – Total (2.21+2.22) – Total (2.23+2.24))		
Total 2.2 = Total(2.33+2.34)		Value in '000' Shs
B. GROSS OUTPUT (G.O)		
Value of goods produced (Total 5.2 + 5.333 + Total 7(Additions – own prod.))		
+ 6.3 (clos.-open) + 6.4 (clo.-open))		
<i>Receipts from services rendered</i>		
<i>Industrial services (5.3)</i>		
<i>Non-industrial services (5.32 – 4.21 -5.323+ 6.5(clos. – open.))</i>		
C. INTERMEDIATE CONSUMPTION		
Electricity, water and fuels consumed (Total 4.1)		
R/ materials & supplies consumed Total 4.22 – 6.1(<i>clo.- Open</i>)-6.2 (<i>Clo.-O</i>)		
Services consumed		
<i>Industrial services (Total 4.31)</i>		
<i>Non-industrial services (Total 4.32)</i>		
D. VALUE ADDED (V.A)	(B – C)	
<i>Please check V.A/G.O (%)</i>	<i>D*100/B</i>	
E. COMPENSATION OF EMPLOYEES (C.E) (3 – 3.06 – .07)		
<i>Please check (a) C.E/V.A (%)</i>	<i>E*100/D</i>	
<i>(b) C.E per employee per month</i>	<i>E/(A*12)</i>	
F. OTHER TAXES ON PRODUCTION	4.45	
G. SUBSIDIES	5.333	
H. GROSS OPERATING SURPLUS	(D – E – F)	

PART III: OTHER INFORMATION**Membership****8.1 (Please tick as appropriate)****8.11 Is the establishment member of any association?**

1 Yes

2 No

*If No go to 8.112***8.1 If yes, please indicate whether (Multiple answers are allowed)***Confederation of Tanzania Industries (CTI)* 1*Tanzania Chamber of Commerce, Industry and Agriculture (TCCIA)* 2*Association of Tanzania Employers (ATE)* 3*Dar es Salaam Stock Exchange (DSE)* 4*Chamber of Mines* 5*Other, specify.....* 6**8.112 Awareness of services/Functions provided**

	<i>CTI</i>	<i>ATE</i>	<i>TCCIA</i>	<i>DSE</i>	<i>Mines</i>
<i>Aware</i>					
<i>Not aware</i>					

8.2 Does the establishment have a license?**Yes 1 No 2****8.21 If yes,**

<i>Date</i>	<i>License number</i>	<i>Allocating authority</i>	<i>Type of license</i>
E.g 02/08/2005	41527893	<i>Ministry of Trade, Industry and Marketing</i>	<i>Business license</i>

8.2 If No, why?*Finance* 1*Complicated bureaucratic procedures* 2*Too small business* 3*Does not feel the need* 4*Other, specify.....* 5**8.3 Tenure of building occupied for own business***Wholly owned* 1*Wholly rented* 2*Partly rented* 3

8.4 Total area occupied for own business:

Floor M² Land M²

8.5 Quality management:

	Yes	No
8.51 Are your products certified?		
Food safety regulations	1	2
ISO	1	2
Tanzania Bureau of Standards	1	2
8.52 Is quality of raw materials purchased also controlled?	Yes	No
	1	2
8.53 Does establishment have a laboratory?	Yes	No
	1	2

8.54 Total number of QC staff

8.6 Access to finance

8.61 Working capital (million Shs)

8.62 Source of finance (million Shs):

 Government institutions

 Loans from banks and other private credit institutions

 Personal and relatives

 Other domestic sources specify

 Foreign sources

8.7 Export performance (For exporting establishments only)

8.71 Medium of exports

 Directly

1

 Through parent enterprise

2

 Through another intermediary

3

 Other, specify

4

8.72 Evaluate the importance of Regional Trade Agreements (eg. COMESA, EAC, SADC, etc)

Not important	1	
Helpful	2	<input type="text"/>
Important	3	
Very important	4	
Crucial	5	

8.73 Evaluate the importance of International Trade Agreements (eg. W.T.O)

Not important	1	
Helpful	2	<input type="text"/>
Important	3	
Very important	4	
Crucial	5	

8.74 What do you consider the most important barriers to expanding your export activities?

Inadequate supply capacity	1
Stringent Sanitary and Phytosanitary (SPS) Rules	2
Low compliance to the market standards	3
Inability to meet quality standards and delivery	4
Inadequate capacity to exploit preferential trade agreements	5
Limited promotion	6
Inadequate trade negotiation skills and market access	7
Other, specify.....	8

8.8 Source of water (please tick as appropriate)

Public network	1
River	2
Underground water	3
Other, specify.....	4

8.9 Environment management & technology (please encircle as appropriate)

8.91 Is there any environmental management plan? Yes 1 No 2

8.92 Does establishment have treatment facilities for waste? Yes 1 No 2

8.93 If yes, method of treatment

Type of waste	Method of treatment*
Water	
Gas	
Solid	

eg. Recycling, Incineration, landfill, composting or Municipal facilities etc

8.94 *Current technology status*

Type of machinery	%	Source*	Average age	Expected average lifespan of equipments
Manual				
Semi-automatic				
Computerized				

* Please indicate whether local, imported or both

8.95 *Does the establishment have any investment plans?* Yes 1 No 2

If yes, please indicate whether for:

Replacement of old equipment 1

Expanding production capacity 2

Upgrading technology 3

8.96 *Does the establishment invest in other business?* Yes 1 No 2

8.97 *Does the establishment have:*

Email facilities? Yes 1 No 2

Website? Yes 1 No 2

Local Area Network (LAN)? Yes 1 No 2

Wide Area Network (WAN)? Yes 1 No 2

9.0 HIV/AIDS

9.1 *Does your establishment have HIV/AIDS work place packages?*

Yes 1 No 2

What are the methods that you think will reduce industrial sector vulnerability to

9.2 *HIV/AIDS?*

HIV/AIDS workplace education and prevention 1

Treatment 2

Counselling 3

Movement towards capital intensive operations 4

Other, please specify 5

10 Major challenges facing your establishment

(Multiple answers are allowed)

- | | | |
|--|---|---|
| High cost of production | 1 | Insufficient demand and marketing |
| Inadequate technology or lack of equipment | 2 | Unfair competition |
| Inadquate physical infrastructure (roads, water, etc.) | 3 | Infant Private Sector with weak support |
| Complicated administrative procedures | 4 | Environmental challenges |
| Shortage of qualified labour | 5 | HIV/AIDS pandemic |
| Foreign currency fluctuations | 6 | Uncertain economic environment |
| Insufficient production capacity | 7 | Other, please specify |
| Shortage of raw materials | 8 | |
| Taxes | 9 | |

DECLARATION AND SIGNATURE

I HEREBY DECLARE that, the information contained in this return is complete and correct to the best of my knowledge.

Date.....

Name of the person to be contactedMobile number.....

Designation..... Official Stamp.....

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Name of Enumerator:..... No. of visits made.....

Name of Supervisor:..... Date completed.....

