



UNITED REPUBLIC OF TANZANIA

# CENSUS OF INDUSTRIAL PRODUCTION 2013

## TANZANIA MAINLAND STATISTICAL REPORT





The United Republic of Tanzania

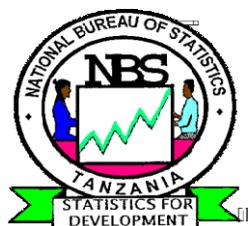
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Ministry of Finance and Planning

Ministry of Industry, Trade and  
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Confederation of Tanzania  
Industries

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## ABBREVIATIONS,

|       |  |
|-------|--|
| -     | Means zero                                       |
| (...) | Means negative                                   |
| '000  | Thousand   |
| ATE   | Association of Tanzania Employers                |
| CIP   | Census of Industrial Production                  |
| CTI   | Confederation of Tanzania Industries             |
| DSE   | Dar es Salaam Stock of Exchange                  |
| EAC   | East African Community                           |
| GDP   | Gross Domestic Product                           |
| GOS   | Gross Operating Surplus                          |
| IIP   | Index of Industrial Production                   |
| ISIC  | International Standard Industrial Classification |
| ISO   | International Organization for Standardization   |
| IT    | Information Technology                           |
| JKT   | Jeshi la Kujenga Taifa                           |
| LAN   | Local Area Network                               |
| MIT   | Ministry of Industry and Trade                   |
| MITI  | Ministry of Industry, Trade and Investment       |

## ACRONYMS

|         |  |
|---------|--|
| MoU     | Memorandum of Understanding                            |
| n.e.c   | not elsewhere classified                               |
| NBS     | National Bureau of Statistics                          |
| NDV     | National Development Vision                            |
| No.     | Number   |
| NSGRP   | National Strategy for Growth and Reduction of Poverty  |
| Parties | MIT, NBS and CTI                                       |
| PPI     | Producer Price Index                                   |
| TAEC    | Tanzania Atomic Energy Commission                      |
| TBS     | Tanzania Bureau of Standards                           |
| TCCIA   | Tanzania Chamber of Commerce, Industry and Agriculture |
| TCME    | Tanzania Chamber of Minerals and Energy                |
| TFDA    | Tanzania Food and Drugs Authority                      |
| TSMP    | Tanzania Statistical Master Plan                       |
| TZS     | Tanzanian Shillings                                    |
| UNIDO   | United Nations Industrial Development Organization     |

## AND

## SYMBOLS



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Dr. Albina Chuwa  
Director General  
**National Bureau of Statistics**



## TANZANIA

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 the 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,

## MAINLAND

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, bushland and wooden grasslands, are the predominant types of vegetation. The main climatic feature is the long dry spell from May to October, followed by a period of short rains, which is often concentrated into relatively few days of heavy showers.

The main rainy season along the coastal areas 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 from March to May.

*Source: National Bureau of Statistics - Tanzania in Figures*



## EXECUTIVE

The Census of Industrial Production, 2013 covered a total of 49,243 establishments (small and large). Small establishment engaged less than ten (1-9) persons/workers while large establishment engaged ten or more (10+) persons/workers.

The results show that, out of the total of 49,243 establishments, 47,921 (97.3 percent) were small and 1,322 (2.7 percent) were large. Out of the total establishments, manufacturing sub-sector had the largest number (48,474; 98.4 percent); followed by mining and quarrying (391; 0.8 percent); water supply, sewerage, waste management and remediation activities (227; 0.5 percent); and electricity, gas, steam and air conditioning supply with 151 establishments (0.3 percent).

Regional wise, Dar es Salaam had the largest number of establishments (7,443; 15.1 percent); followed by Mara (3,549; 7.1 percent); Ruvuma (3,477; 7.1 percent); and Morogoro (3,077; 6.2 percent).

Out of 1,322 large establishments, 1,084 (82.0 percent) were owned by nationals; 143 (10.8 percent) were owned by foreigners; and 95 (7.2 percent) were jointly owned, while out of 47,922 small establishments, 47,880 (99.9 percent) were owned by nationals and only 36 establishments (0.1 percent) were owned by foreigners.

Most of the large establishments (86.6 percent) were privately owned; followed by public ownership (11.4 percent); and 2.0

## SUMMARY

percent had a mixed ownership. Almost all small establishments (99.8 percent) were privately owned; and only 0.2 percent were publicly owned.

The total number of persons engaged in the four industrial sub-sectors was 264,223 of which, 138,887 (52.5 percent) were engaged in large establishments; while 125,336 (47.5 percent) were engaged in small establishments. However, the majority of the workers (231,176; 87.5 percent) were in the manufacturing sub-sector.

Gender wise, out of the total number of persons engaged in large establishments, 103,531 (74.5 percent) were males; and 35,356 (25.5 percent) were females. While in small establishments, a total of 99,507 (79.4 percent) were males and 25,829 (20.6 percent) were females.

Regional wise, Dar es Salaam had the largest number of workers (60,754; 23.0 percent); followed by Morogoro (24,001; 9.1 percent); Arusha (17,702; 6.7 percent); Tanga (14,618; 5.5 percent); Kagera (14,468; 5.5 percent); Mara (14,418; 5.5 percent); and Manyara with 12,022 workers (4.5 percent).

The total labour costs for large establishments was TZS 1,307,622 million, of which, wages and salaries accounted for the largest amount (TZS 761,558 million; 58.2 percent). The results also show that, manufacturing sub-sector had the largest amount of TZS



709,195 million (54.2 percent of the total labour costs); followed by mining and quarrying with TZS 380,171 million (29.1 percent).

The total labour costs for small establishments was TZS 113,700 million; of which, TZS 82,746 million (72.8 percent) were wages and salaries. manufacturing sub-sector had the highest contribution of TZS 111,635 million (98.2 percent of the total labour costs).

The Gross Output of goods and services produced by large establishments amounted to TZS 16,182.207 million; of which, manufacturing sub-sector contributed TZS 10,319,945 million (63.8 percent of the total Gross Output); followed by mining and quarrying with TZS 3,982,488 million (24.6 percent). The remaining two sub-sectors contributed a total of 11.6 percent. The majority of the goods produced by large establishments were sold locally (TZS 9,581,734 million;63.5 percent); while TZS 5,502,506 million (36.5 percent) were exported.

The total cost of production (Intermediate Consumption) for large establishments was TZS 8,324,528 million; of which, TZS 4,676,786 million (56.2 percent) was used in raw materials. The industrial and non-industrial services consumed a total of TZS 2,539,253 million (30.5 percent of the total production costs).

For small establishments, total cost of production was TZS 265,858 million; of which, raw materials consumed the largest amount (TZS 168,893 million;63.5 percent); followed by fuels with TZS 56,915 million (21.4 percent). Other costs accounted for 15.1 percent.

Analysis of Value Added by industrial sub-sector for large establishments shows that, TZS 4,552,716 million (57.9 percent)

was produced by manufacturing sub-sector; followed by mining and quarrying with TZS 2,915,516 million (37.1 percent). Analysis for small establishments indicates that, manufacturing sub-sector had the largest Value Added of TZS 355,275 million (97.9 percent).



## 1.0 OVERVIEW

### 1.1 Introduction

The Government of the United Republic of Tanzania through Tanzania Statistical Master Plan (TSMP), has been working on the improvement of the quality of statistics in the country by putting in place a better infrastructure of statistical production in MDAs within the National Statistical System. This involves up-dating of basic data from different household and establishment based surveys including the 2013 Census of Industrial Production.

The Census provides statistics on both formal and informal industries which will be used as bench-mark information for the improvement of the sector performance. The census results will be used to review the industrial sector's GDP as well as the construction of Supply and Use tables. Moreover, the census results will help in assessing changes in the structure and composition of the sector since the previous 1989 Industrial Census.

### 1.2 Objectives

#### Objectives

The main objective of the Census of Industrial Production, 2013 was to collect information from individual establishments that will be useful in compilation of economic indicators necessary for planning

and policy formulation of the industrial sector. Specifically, the census aimed at up-dating:

1. Information of the structure, composition and activities of the industrial sector in the economy;
2. The contribution of the industrial sector to GDP;
3. The list of commodities to be used to construct Index of Industrial Production (IIP), Producer Price Index (PPI) and National Accounts of Tanzania;
4. Information for evidence-based formulation of the sector policy;
5. Factors influencing the growth and structural changes in the sector;
6. Marketing information; and
7. The list of establishments or a sampling frame for establishment based surveys.

Furthermore, the CIP, 2013 provides statistical information that facilitates the current Government policy of development by devolution, as well as its initiative towards industrialization which needs disaggregated information to capture regional requirements.



### 1.3 Scope and Coverage

The Census of Industrial Production, 2013 used the International Standard Industrial Classification of All Industrial Activities (ISIC) Revision 4 to identify all economic activities under study. The Census covered all establishments that engaged 10 persons or more and a sample of establishments which engaged less than ten persons. It included establishments that were active in 2013 and engaged in activities falling under any of the following four industrial sub-sectors; mining and quarrying, manufacturing, electricity, gas, steam and air conditioning supply, and water supply, sewerage, waste management and remediation activities. Details of these four industrial sub-sectors are given in the next sub-sections.

#### 1.3.1 Mining and quarrying

*Mining and quarrying* include the activities relating to extraction of minerals occurring naturally as solids (coal and ores), liquids (petroleum) or gases (natural gas). Extraction can be achieved by different methods such as under-ground or surface mining, well operation, seabed mining, etc. Also, included are supplementary activities aimed at preparing the crude materials for marketing, for example crushing and grinding, cleaning, drying, sorting, concentrating ores, liquefaction of natural gas and agglomeration of solid fuels. These operations are often carried out by the units that extract the resources and/or others that are located nearby.

It excludes the processing of the extracted materials, which also covers the bottling of natural spring and mineral waters at springs

and wells or the crushing, grinding or otherwise treating certain earths, rocks and minerals not carried out in conjunction with mining and quarrying. It also excludes the usage of the extracted materials without further transformation for construction purposes, the collection, purification and distribution of water, separate site preparation activities for mining and geophysical, geological and seismic surveying activities.

#### 1.3.2 Manufacturing

*Manufacturing* includes; the physical or chemical transformation of materials, substances, or components into new products, although this cannot be used as the single universal criterion for defining manufacturing. The materials, substances, or components transformed are raw materials that are products of agriculture, forestry, fishing, mining or quarrying as well as products of other manufacturing activities. Substantial alteration, renovation or reconstruction of goods is generally considered to be manufacturing.

Assembly of the component parts of manufactured products is considered as manufacturing. This includes the assembly of manufactured products from either self-produced or purchased components.

Specialized maintenance and repair of industrial, commercial and similar machinery and equipment is included in manufacturing. However, the repair of computers and personal and household goods and the repair of motor vehicles are not included in this section. The boundaries of manufacturing and other activities can be somewhat



blurred. As a general rule, the activities in the manufacturing section involve the transformation of materials into new products.

### **1.3.3 Electricity, gas, steam and air conditioning supply**

Economic activities included under this section are the activities of providing electric power, natural gas, steam, hot water and the like through a permanent infrastructure (network) of lines, mains and pipes. The boundary of the network is not decisive, because it also includes the distribution of electricity, gas, steam, hot water and the like in industrial parks or residential buildings. This sub-sector therefore includes the operation of electric and gas utilities, which generate, control and distribute electrical power or gas; as well as the provision of steam and air-conditioning supply. However, the sub-sector excludes the operation of water and sewerage utilities, (typically long-distance) and transport of gas through pipelines.

### **1.3.4 Water supply; sewerage, waste management and remediation activities**

This sub-sector includes activities related to the management (including collection, treatment and disposal) of various forms of waste, such as solid or non-solid industrial or household waste, as well as contaminated sites. The output of the waste or sewage treatment process can either be disposed-of or become an input into other production processes. Activities of water supply are also included in this sub-sector, since they are often carried out in connection with, or by, units engaged in the treatment of sewerage.

## **1.4 Organisation of the Report**

The report presents the industrial statistics according to the latest International Recommendations for Industrial Statistics, 2008 (IRIS 2008) of the United Nations. It includes establishments with one to nine (1-9) workers and those engaging ten or more (10+) workers. In total, there were 49,243 establishments which were operating during the reference year 2013.

The report also presents main results relating to both qualitative and quantitative information that was collected through the census. Tables and figures referring to such information are integrated within the sections discussing major findings.

The reader who is interest in the methodology which was used during the census is referred to another volume of The Census of Industrial Production, 2013 with the title “Methodology”



## 2.0 TERMS AND DEFINITIONS

### 2.1 Industrial Activity

This means the four major divisions of the International Standard Industrial Classification (ISIC) Revision 4 of all Economic Activities, that is Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply and Water supply; sewerage, waste management and remediation activities.

### 2.2 Number of Persons Engaged

Refers to all persons/workers who, during a specified period, worked in or for the establishment including part time workers. It includes working proprietors and partners, unpaid family workers and employees (operatives, managerial and professional staff). It includes even those who during the specified period were temporarily absent from work, e.g. on sick leave, casual leave or annual leave. It excludes persons on military leave, pension and other forms of unlimited leave.

### 2.3 Working Proprietors and Partners

Persons who control the establishment and share in its profits i.e. those who own the establishment. It may be a single individual or many persons as in partnership. Working proprietors are those who

are actually engaged in the work of the establishment. However, in corporations, there are no working proprietors while the salaried directors are considered to be employees.

### Unpaid Workers

Persons like members of religious institutions, prisoners, J.K.T. militia, family members and the like who work for at least 1/3 of the normal working time of the establishment. They work without regular pay or any agreed amount to be paid for the work done.

### Employees

These are persons who, during a specified period, worked for an agreed amount of pay, either in cash or in kind, under the direction of the establishment. This includes managerial and professional staff, operatives and other employees.

### Managerial and Professional Staff

This category includes administrative, technical and clerical personnel such as salaried managers and directors, clerks, typists and the like.

### Operatives, Skilled

Operatives are persons who are directly engaged in the production or related activities of the establishment and who receive pay, in cash or in kind, at regular intervals. Therefore, skilled operatives are persons with specialized skills, for example persons engaged in



fabricating, processing or assembling, fitters, packers, repairmen, record-keeping personnel, foremen and inspectors.

### **Operatives, Non-Skilled**

Workers in this group perform routine tasks, either manually or using hand tools and appliances. The group includes such operatives as machine operators, cleaners, constructors, foremen and mining labourers, etc.

### **Other Employees**

These are persons who do not fall in the above categories, i.e. watchmen, driver cleaner.

## **2.4 Labour Costs**

Are comprised of gross wages and salaries, overtime payments, reimbursement of travel expenses, payments in kind, employer's contributions to social security schemes, training expenses and other labour costs related to employees.

### **Gross Wages and Salaries Paid to Employees**

This refers to payments made to workers (employees and part-time workers) as wages. The payments may be in cash or in kind. Wages and salaries in cash include all cash payments such as direct wages and salaries, overtime payments, bonuses, commission pay to sale personnel, gratuities, housing, transport, cost of living and family allowances when paid directly to the employee by the employer.

### **Overtime Payments**

Extra payments for employees who worked after normal working hours.

### **Reimbursement of Travel Expenses**

These are re-payment expenses to employees who used their own funds when transferred to other working stations.

### **Payments in Kind**

These are benefits given to employees in forms other than cash, is the net cost to the employer of those goods and services (which are clearly and primarily of benefit to the employees as consumers) furnished to the employees free of charge or at markedly reduced cost. It includes food, beverages, tobacco, housing, clothing (not uniforms) and medical expenses. Payment in kind which are excluded are recreational facilities.

## **2.5 Intermediate Consumption or Production Costs**

Intermediate Consumption/Production Costs of industries cover 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.



## 2.6 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.

## 2.7 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 producer's 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 purchaser's prices.

## 2.8 Net Value Added

This represents the difference between gross Value Added and the Depreciation.

## 2.9 Gross Operating Surplus

Gross Operating Surplus is defined as the excess of Value Added over the cost of Workers' Compensation.

## 2.10 Depreciation

Represents 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.

## 2.11 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.

## 2.12 Gross Additions to Fixed Assets

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

## 2.13 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).



## 2.14 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.

## 2.15 Purchasers' Price

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

## 2.16 Employment Size

Employment size groups are as follows:

|           |   |
|-----------|---|
| 1–4       | Establishments with 1 to 4 persons engaged;         |
| 5 – 9     | Establishments with 5 to 9 persons engaged;         |
| 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; and |
| 500+      | Establishments with 500 or more persons engaged.    |

## 2.17 Ownership

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

**Public:** All establishments owned by the 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 share capital, companies under Regional or District Cooperative Unions, companies under Cooperative Societies and other companies not stated above.



## 3.0 MAJOR FINDING

The industrial sector of Tanzania Mainland is relatively small but growing quite rapidly. According to national accounts estimates compiled by NBS, the sector accounted for about 14.6 percent of the GDP in 2009. The census reveals that, within the sector, manufacturing sub-sector accounts for 85.0 percent of the total Value Added and about 92.0 percent of Employment. The manufacturing sub-sector had the potential to contribute substantially towards employment creation, exports, revenue generation and economic growth.

### 3.1 Establishments Statistics

#### 3.1.1 Limitations of the Presented Statistics

Since the survey was jointly conducted by different 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.

1. The survey was conducted according to the International Recommendations for Industrial Statistics (IRIS). 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 reducing this fear and at the same time, improve the quality and reliability of the supplied information.

2. 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.
3. Some establishments could not separate 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 through the aid down Estimation Procedures/techniques.

4. Some establishments did not have books of accounts.
5. 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 small (1-9) and large (10+) establishments in Tanzania Mainland industrial sector. The Government, business community and other users can make good use of these results, which constitute the only available census information based on International Recommendations for Industrial Statistics.

### 3.1.2 Number of Establishments

The total number of industrial establishments (large and small) covered in the Census of Industrial Production, 2013 were 49,243

out of which, 47,921 were small establishments and 1,322 were large establishments. Dar es Salaam region had the largest number of establishments (7,443; 15.1 percent); followed by Mara (3,549; 7.1 percent); Ruvuma (3,477; 7.1 percent); and Morogoro (3,077; 6.2 percent). **(For more detail see Annex Tables 1(a) and 1(b))**

There were 48 establishments engaging 500 or more persons, out of which, 11 were in Dar es Salaam, 7 in Morogoro, 5 in Arusha, Tanga and Mwanza each had 4 establishments. The number of establishments engaging 10 to 49 workers was 905. The number of establishments that engaged 50 to 99 persons was 170 while those which engaged 100 to 499 persons were 199. **(For more detail see Annex Table 5)**

Among the four sub-sectors, manufacturing had the largest number of establishments (48,474; 98.4 percent); followed by mining and quarrying (391; 0.8 percent); water supply, sewerage, waste management and remediation activities (227; 0.5 percent); and electricity, gas, steam and air conditioning supply with 151 establishments (0.3 percent of the total number of establishments).

For all industrial activities covered in manufacturing sub-sector, manufacturing of food products constituted the largest number of establishments (19,700; 40.6 percent); followed by manufacture of



wearing apparel with 13,293 establishments (27.4 percent) and manufacture of furniture with 6,823 (14.1 percent). **(For more detail see Annex Table 4)**

Out of 1,322 large establishments, 1,084 (82.0 percent) were owned by nationals, 143 (10.8 percent) by foreigners and 95 (7.2 percent) were jointly owned; while 47,880 (99.9 percent) out of 47,922 small establishments were owned by nationals and only 36 (0.1 percent) were owned by foreigners. For large (10+) establishments, 778 (78.0 percent) in the Manufacturing sub-sector were owned by nationals, 128 (12.9 percent) by foreigners and 91 (9.2 percent) were jointly owned. Moreover, for small establishments, 47,439 (99.9 percent) in the manufacturing sub-sector were owned by nationals, 32 (0.1 percent) by foreigners and only 6 establishments were jointly owned. **(For more detail see Annex Table 3)**

The majority of the establishments in the four industrial sub-sectors were privately owned firms, whereas, for large establishments, 1,144 (86.6 percent) were privately owned; 151 (11.4 percent) were publicly owned; and only 27 (2.0 percent) had a mixed ownership. For small establishments, 47,831 (99.8 percent) were privately owned; and 87 (0.2 percent) had a public ownership. **(For more detail see Annex Table 2)**

On Types of Legal Organization, 374 (28.3 percent) of the large establishments were Private Company Limited; 372 (28.1 percent) were Sole Proprietorship; 353 (26.7 percent) were Partnership; 87 (6.6 percent) were Public; 48 (3.7 percent) were Cooperative; 42 (3.2 percent) were Private Company; 36 (2.7 percent) were Parastatal; and 10 (0.7 percent) had other legal organizations. On the other hand, for small (1-9) establishments, 44,374 (92.6 percent) were Sole proprietorship; 3,035 (6.3 percent) were Partnership; 317 (0.7 percent) were Cooperative, 60 (0.1 percent) were Public; and 42 (0.1 percent) were Private Company Limited. Other Legal Organizations accounted for 0.2 percent. **(For more detail see Annex Tables 6(a) and 6(b))**

Most of the establishments started their operation during the year (2000-2004). For small (1-9) establishments, 35,365 (73.8 percent) started their operation during the period 2000-2004; and 6,207 (13.0 percent) started their operation during the period 1995-1999. For large establishments, 569 (43.0 percent) started their operation during the period 2000-2004; while 231 establishments (17.5 percent) started their operation before 1990. **(For more detail see Annex Tables 7(a) and 7(b)).**



### 3.1.3 Number of Persons Engaged

The total number of persons engaged in the four industrial sub-sectors was 264,223, of which, 231,176 (87.5 percent) were engaged in manufacturing sub-sector; followed by mining and quarrying (19,920; 7.5 percent), electricity, gas, steam and air conditioning supply (8,256; 3.1 percent) and water supply, sewerage, waste management and remediation activities (4,971; 1.9 percent). Large establishments engaged (138,887; 52.5 percent) workers; while small establishments engaged 125,336 workers (47.5 percent). Among the total number of persons engaged in large establishments, 103,531 (74.5 percent) were males and 35,356 (25.5 percent) were females. Small establishments engaged 99,507 (79.4 percent) males and 25,829 (20.6 percent) females. On the nationality of workers in large establishments, the results show that, 135,006 (97.2 percent) were Tanzanians and 3,881 (2.8 percent) were foreigners.

Large establishments engaged a total of 114,477 operatives, of which, 58,377 (51.0 percent) were skilled, and 56,100 (49.0 percent) were non-skilled. The manufacturing sub-sector had the largest number of operatives (87,624; 76.5 percent). Small establishments had a total of 54,952 operatives, of which, 17,891 (32.6 percent)

were skilled and 32,060 (67.4 percent) were non-skilled. **(For more detail see Annex Table 19(a)).**

Out of the total 264,223 workers engaged in all the four industrial sub-sectors, 85,330 (32.3 percent) were in the manufacture of food products; and 30,538 (11.6 percent) were engaged in the manufacture of wearing apparel. The remaining economic activities had a total of 148,355 persons or 56.1 percent of the total number of workers. **(For more detail see Annex Tables 20(a) and 20(b))**

Regional wise, the largest number of persons engaged were in Dar es Salaam region with 60,754 (23.0 percent); followed by Morogoro with 24,001 (9.1 percent); Arusha with 17,702 (6.7 percent); Tanga with 14,618 (5.5 percent); Kagera with 14,468 (5.5 percent); Mara with 14,418 (5.5 percent); and Manyara with 12,022 persons (4.5 percent). **(For more detail see Annex Tables 9(a) and 9(b)).**

However, establishments engaging 1-4 workers had the largest number of workers (86,960; 32.9 percent); followed by employment size 500 or more with 64,384 workers (24.4 percent); and the 100-499 employment size with 43,363 workers (16.4 percent). **(For more detail see Annex Table 12).**



### 3.1.4 Labour Costs for Large Establishments

The total labour costs for the large establishments was TZS 1,307,622 million, out of which, wages and salaries accounted for the largest amount of TZS 761,558 million (58.2 percent of the total labour cost); followed by Reimbursements of travel expenses with TZS 180,939 million (13.8 percent); Payments in-kind with TZS 133,195 million (10.2 percent); and contribution to Social Security Schemes with TZS 110,343 million (8.4 percent). (For more detail see Annex Table 21(a)).

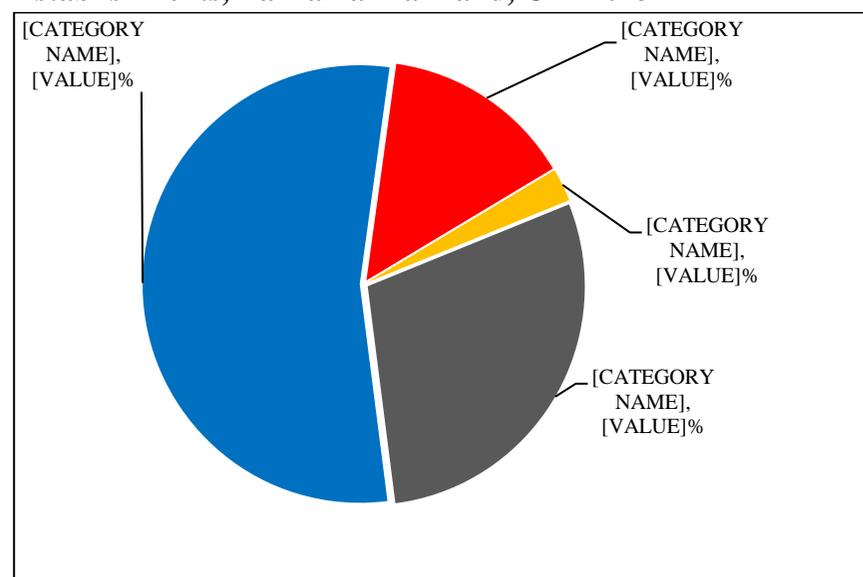
**Table 3.1: Labour Costs by Type, Large Establishments, Tanzania Mainland, CIP-2013**

|                                  |                          | (TZS Million)    |              |
|----------------------------------|--------------------------|------------------|--------------|
| Type                             |                          | Value            | Percent      |
| <b>Compensation of Employees</b> | Gross Wages and Salaries | 761,558          | 58.2         |
|                                  | Overtime Payments        | 67,800           | 5.2          |
|                                  | Reimbursements           | 180,939          | 13.8         |
|                                  | Payments in Kind         | 133,195          | 10.2         |
|                                  | Social Security Schemes  | 110,343          | 8.4          |
| Training Expenses                |                          | 27,907           | 2.1          |
| Other Expenses                   |                          | 25,880           | 2.0          |
| <b>Total Labour Cost</b>         |                          | <b>1,307,622</b> | <b>100.0</b> |

Among the four sub-sectors, manufacturing sub-sector had the largest amount of the total industrial labour costs (TZS 709,195 million; 54.2 percent); followed by mining and quarrying (TZS 380,171 million; 29.1 percent); electricity, gas, steam and air conditioning supply (TZS 186,374 million; 14.3 percent); and water supply; sewerage, waste management and remediation activities

with TZS 31,882 million (2.4 percent). (For more detail see Annex Table 21(a)).

**Figure 3.1: Labour Costs by Industrial Sub-Sector, Large Establishments, Tanzania Mainland, CIP-2013**



### 3.1.5 Labour Costs by Item, Small Establishments

The 2013 Census results show that total labour costs for small establishments amounted to TZS 113,700 million; out of which, Wages and Salaries accounted for TZS 82,746 million (72.8 percent); followed by Payments in kind with TZS 29,745 million (26.2 percent); Social security schemes with TZS 418 million (0.4 percent); and Other labour costs with TZS 792 million (0.7 percent).

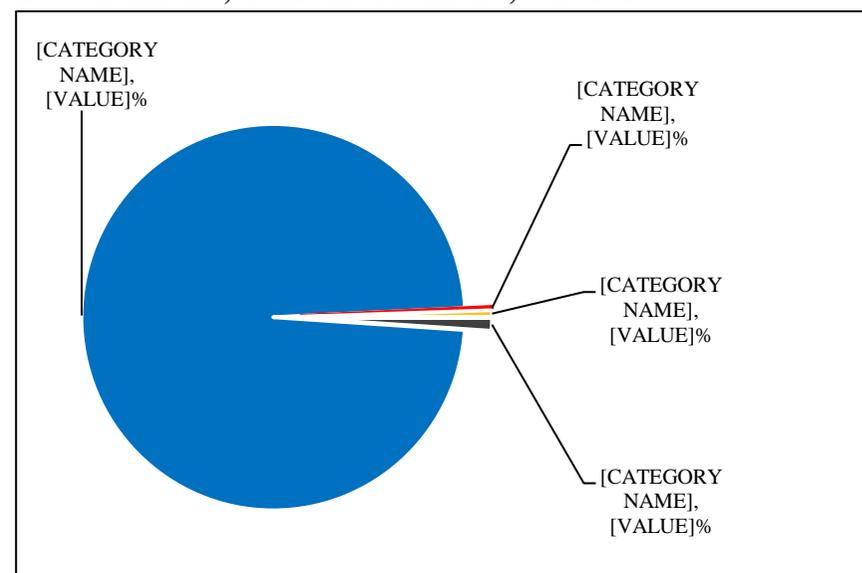
**Table 3.2: Labour Cost by Type for Small Establishments, Tanzania Mainland, CIP-2013**

(TZS Million)

| Type                      | Value          | Percent      |
|---------------------------|----------------|--------------|
| Wages and Salaries        | 82,746         | 72.8         |
| Social Security Schemes   | 418            | 0.4          |
| Payments in Kind          | 29,745         | 26.2         |
| Other Labour Costs        | 792            | 0.7          |
| <b>Total Labour Costs</b> | <b>113,700</b> | <b>100.0</b> |

For small establishments, the results show that manufacturing sub-sector had the largest contribution to the total labour costs (TZS 111,635 million; 98.2 percent); followed by mining and quarrying (TZS 1,203; 1.1 percent); water supply, sewerage, waste management and remediation activities (TZS 604 million; 0.5 percent); while the sub-sector of electricity, gas, steam and air conditioning supply had the least labour cost of TZS 257,787 million (0.2 percent). (For more detail see Annex Table 21(b)).

**Figure 3.2: Labour Costs by Industrial Sub-Sector for Small Establishments, Tanzania Mainland, CIP-2013**



### 3.1.6 Gross Output

Gross Output or total value of goods and services produced by large (10+) establishments amounted to TZS 16,182,207 million, of which, manufacturing sub-sector contributed the largest amount of TZS 10,319,945 million (63.8 percent of total Gross Output); followed by mining and quarrying (TZS 3,982,488 million; 24.6 percent); electricity, gas, steam and air conditioning supply (TZS 1,752,293 million; 10.8 percent); and water supply; sewerage, waste management and remediation activities with TZS 127,482 million (0.8 percent).



Sales of goods for large establishments amounted to TZS 15,084,240 million, of which, TZS 5,502,506 million (36.5 percent) was exported and TZS 9,581,734 million (63.5 percent) was sold locally. Manufacture of food products contributed the largest share in both exports and domestic sales, while receipts from Industrial and Non-industrial services amounted to TZS 961,415 million. **(For more detail see Annex Table 26(a)).**

The Gross Output or total value of goods and services produced by small establishments amounted to TZS 628,738 million, of which, goods sold in the domestic market amounted to TZS 434,735 million (69.1 percent of the total sales). **(For more detail see Annex Table 26(b)).**

### 3.1.7 Cost of Production

Total Cost of Production (Intermediate Consumption) for large (10+) establishments amounted to TZS 8,324,528 million, of which, TZS 5,736,085 million (68.9 percent) 56.2 percent was used for raw materials. The industrial and non-industrial services consumed TZS 2,539,253 million (30.5 percent), while the use of Energy amounted to TZS 395,794 million (4.8 percent). **(For more detail see Annex Table 22(a)).**

For small (1-9) establishments, total cost of production amounted to TZS 265,858 million, of which, raw materials consumed the largest amount (TZS 168,893 million; 63.5 percent); followed by Fuels (TZS 56,915; 21.4 percent); while other materials and supplies

amounted to TZS 28,868 million (10.9 percent). **(For more detail see Annex Table 22(b)).**

### 3.1.8 Value Added

Analysis of Value Added by industrial sub-sector in large establishments shows that, manufacturing had the largest amount (TZS 4,552,716 million; 57.9 percent); followed by mining and quarrying (TZS 2,915,516 million; 37.1 percent); electricity, gas, steam and air conditioning supply (TZS 310,910 million; 4.0 percent); and water supply; sewerage, waste management and remediation activities with TZS 78,538 million (1.0 percent of the total industrial Value Added). **(For more detail see Annex Table 27(a)).**

For small establishments, analysis indicates that manufacturing sub-sector had the largest Value Added of TZS 355,275 million (97.9 percent of the total Value Added); followed by mining and quarrying sub-sector with TZS 4,876 million (1.3 percent); water supply; sewerage, waste management and remediation with TZS 1,909 million (0.5 percent); while electricity, gas, steam and air conditioning supply had the least contribution of TZS 820 million (0.2 percent of the total Value Added). **(For more detail see Annex Table 27(b)).**

### 3.1.9 Qualitative Data

This section presents main findings as well as questions collected from establishments covering respondents and non-respondents



pertaining to their characteristics, modes of operations and perception.

The section also captures data from the following areas: Membership to Associations, Licensing status, Tenure, Quality Assurance, Media of Exports, Importance of Trade Agreements, Barriers to expand Exports, Sources of Water, Environmental Management, Current Technology status, Investment Plan, IT facilities and HIV/AIDS.

### 3.1.9.1 Membership to Associations

The results in Table 4.3 show that, out of the total 1,107 respondents on the above Associations, (CTI, TCCIA, ATE, DSE, TCME or Other), manufacturing sub-sector recorded the highest number of respondents with Association membership (826 responses); followed by mining and Quarrying sub-sector (202 responses). **(For more detail see Annex 51).**

**Table 3.3: Number of Large Establishments by Industrial Sub-Sector and Membership to Associations, Tanzania mainland, CIP-2013**

| Industrial Sub-Sector   | CTI         | TCCIA       | ATE         | DSE        | TCME       | Other       | Total Establishments |
|---|-------------|-------------|-------------|------------|------------|-------------|----------------------|
| Mining and quarrying  | 14          | 15          | 12          | 4          | 33         | 124         | 210                  |
| Manufacturing   | 284         | 239         | 183         | 24         | 11         | 85          | 997                  |
| Electricity, gas, steam and air conditioning supply                 | 8           | 9           | 6           | 1          | 2          | 2           | 27                   |
| Water supply; sewerage, waste management and remediation activities | 0           | 4           | 9           | 0          | 2          | 36          | 88                   |
| <b>Total</b>  | <b>306</b>  | <b>267</b>  | <b>210</b>  | <b>29</b>  | <b>48</b>  | <b>247</b>  | <b>1,322</b>         |
| <b>Percent</b>  | <b>23.1</b> | <b>20.2</b> | <b>15.9</b> | <b>2.2</b> | <b>3.6</b> | <b>18.7</b> | <b>100.0</b>         |

Note: This Table involves multiple responses

### 3.1.9.2 Establishments Business Licensing

For large establishments, the results show that, respondents with licenses were 964 (87.4 percent) and only 139 respondents (12.6 percent) did not have licenses. On the other hand, for small establishments, it was found that, a large proportion of respondents (8,200; 69.8 percent) did not have licenses; and only 3,545 (30.2 percent) had licenses. **(For more detail see Annex Table 53).**

**Table 3.4: Number of Respondent Establishments by Industrial Sub-Sector, Employment Size and Frequency Distribution for Registration Status, Tanzania Mainland, CIP-2013**

| Industrial Sub-Sector | Registration Status (10+ Workers) | Registration Status (1-9 Workers) |
|-----------------------|-----------------------------------|-----------------------------------|
|-----------------------|-----------------------------------|-----------------------------------|



|   | Yes        | No         | Yes          | No           |
|---|------------|------------|--------------|--------------|
| Mining and quarrying  | 178        | 15         | 70           | 106          |
| Manufacturing   | 710        | 95         | 3,437        | 7,892        |
| Electricity, gas, steam and air conditioning supply                 | 18         | 8          | 16           | 95           |
| Water supply; sewerage, waste management and remediation activities | 58         | 21         | 22           | 107          |
| <b>Total</b>  | <b>964</b> | <b>139</b> | <b>3,545</b> | <b>8,200</b> |

Table 4.5 shows the main reasons as to why most of the large (10+) establishments did not hold licenses which were; Complicated bureaucratic procedures (57 responses; 29.5 percent); followed by Financial problems (51 responses; 26.4 percent); while 43 responses (22.3 percent) considered themselves to be Too small businesses. **(For more detail see Annex Table 54(a)).**

|   |           |              |           |              |           |              |           |              |           |              |
|---|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|
| Manufacturing   | 30        | 58.8         | 42        | 73.7         | 28        | 65.1         | 5         | 45.5         | 21        | 67.7         |
| Electricity, gas, steam and air conditioning supply                 | 3         | 5.9          | 4         | 7.0          | 2         | 4.7          | 1         | 9.1          | 0         | -            |
| Water supply; sewerage, waste management and remediation activities | 7         | 13.7         | 4         | 7.0          | 4         | 9.3          | 2         | 18.2         | 8         | 25.8         |
| <b>Total</b>  | <b>51</b> | <b>100.0</b> | <b>57</b> | <b>100.0</b> | <b>43</b> | <b>100.0</b> | <b>11</b> | <b>100.0</b> | <b>31</b> | <b>100.0</b> |

Note: This Table involves multiple responses

The main reasons as to why most of the small (1-9) establishments did not hold licenses were indicated in Table 4.6 as follows; 6,157 responses (43.6 percent) considered themselves to be Too small businesses, 4,900 responses (34.7 percent) indicated Financial problems, whereas, 1,716 (12.2 percent) indicated Complicated bureaucratic procedures. **(For more detail see Annex Table 54(b))**

**Table 3.5: Number and Percentage of Respondent Large Establishments by Industrial Sub-Sector and Reason for Not-Registering, Tanzania Mainland, CIP-2013**

| Industrial Sub-Sector | Financial Problems |      | Complicated Bureaucratic Procedures |      | Business too Small |      | Does not see the need |      | Other |     |
|-----------------------|--------------------|------|-------------------------------------|------|--------------------|------|-----------------------|------|-------|-----|
|                       | No.                | %    | No.                                 | %    | No.                | %    | No.                   | %    | No.   | %   |
| Mining and quarrying  | 11                 | 21.6 | 7                                   | 12.3 | 9                  | 20.9 | 3                     | 27.3 | 2     | 6.5 |

**Table 3.6: Number and Percentage of Respondent Small Establishments by Industrial Sub-Sector and Reason for Not-Registering, Tanzania Mainland, CIP-2013**

| Industrial Sub-Sector | Financial Problems |      | Complicated Bureaucratic Procedures |      | Business too Small |      | Does not see the need |      | Other |      |
|-----------------------|--------------------|------|-------------------------------------|------|--------------------|------|-----------------------|------|-------|------|
|                       | No.                | %    | No.                                 | %    | No.                | %    | No.                   | %    | No.   | %    |
| Mining and quarrying  | 53                 | 1.1  | 20                                  | 1.2  | 63                 | 1.0  | 18                    | 3.0  | 18    | 2.4  |
| Manufacturing         | 4,763              | 97.2 | 1,660                               | 96.7 | 5,983              | 97.2 | 556                   | 93.9 | 68    | 91.1 |



|   |              |              |              |              |              |              |            |              |            |              |
|---|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|------------|--------------|
| Electricity, gas, steam and air conditioning supply                 | 48           | 1.0          | 20           | 1.2          | 70           | 1.1          | 10         | 1.7          | 14         | 1.9          |
| Water supply; sewerage, waste management and remediation activities | 36           | 0.7          | 16           | 0.9          | 41           | 0.7          | 8          | 1.4          | 35         | 4.7          |
| <b>Total</b>  | <b>4,900</b> | <b>100.0</b> | <b>1,716</b> | <b>100.0</b> | <b>6,157</b> | <b>100.0</b> | <b>592</b> | <b>100.0</b> | <b>749</b> | <b>100.0</b> |

Note: This Table involves multiple responses

### 3.1.9.3 Tenure

Figure 4.3 shows that, most of the large establishments (63.1 percent) wholly owned the buildings; 25.1 percent wholly rented; and 11.8 percent partly rented. (For more detail see Annex Table 55(a))

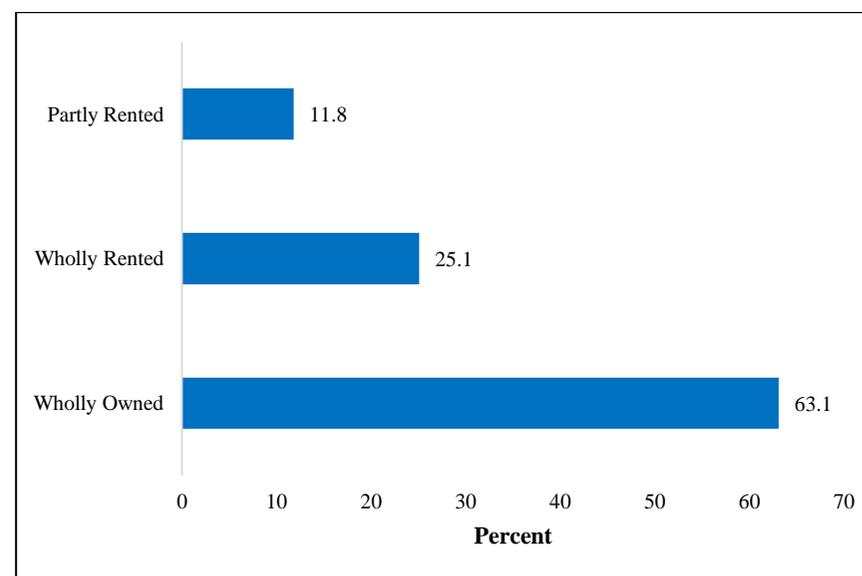
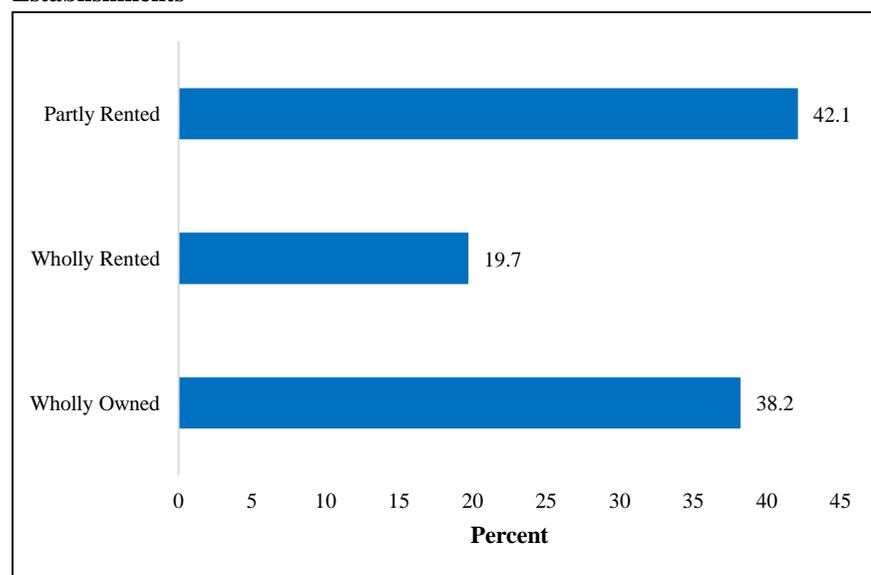


Figure 4.4 shows that most of the small establishments (42.1 percent) partly rented; 38.2 percent wholly owned the buildings; and 19.7 percent wholly rented. (For more detail see Annex Table 55(b)).

**Figure 3.3: Percentage Distribution of the Tenure of Buildings Owned by Establishments, Tanzania Mainland, CIP-2013**



**Figure 3.4: Percentage Distribution of the Tenure of Buildings Owned by Establishments**



### 3.1.9.4 Quality Assurance

Majority of the responses from large establishments indicated that, 293 (29.8 percent) were certified by TFDA; 458; 46.5 percent by TBS; and 121 (12.3 percent) by ISO. (For more detail see Annex Table 56(a))

**Table 3.7: Number of Respondent Large Establishments by Industrial Sub-Sector and Method of Product Certification, Tanzania Mainland, CIP-2013**

| Industrial Sub-Sector   | TFDA       | ISO        | TBS        | Other Authorities |
|---|------------|------------|------------|-------------------|
| Mining and quarrying  | 11         | 10         | 16         | 17                |
| Manufacturing   | 270        | 98         | 405        | 57                |
| Electricity, gas, steam and air conditioning supply                 | 3          | 2          | 6          | 4                 |
| Water supply; sewerage, waste management and remediation activities | 9          | 11         | 31         | 34                |
| <b>Total</b>  | <b>293</b> | <b>121</b> | <b>458</b> | <b>112</b>        |

For small establishments, 616 responses (43.6 percent) were certified by TFDA; 456 (32.3 percent) by TBS and 55 (3.9 percent) were certified by ISO. (For more detail see Annex Table 56(b))

**Table 3.8: Number of Respondent Small Establishments by Industrial Sub-Sector and Method of Product Certification, Tanzania Mainland, CIP-2013**

| Industrial Sub-Sector   | TFDA       | ISO       | TBS        | Other Authorities |
|---|------------|-----------|------------|-------------------|
| Mining and Quarrying  | 13         | 1         | 10         | 11                |
| Manufacturing   | 589        | 51        | 436        | 249               |
| Electricity, Gas, Steam and air Conditioning supply                 | -          | 3         | 4          | 1                 |
| Water supply; sewerage, waste management and remediation activities | 14         | -         | 6          | 24                |
| <b>Total</b>  | <b>616</b> | <b>55</b> | <b>456</b> | <b>285</b>        |

### 3.1.9.5 Medium of Exports

The results on the major Media of exports show that most of the establishments (137 responses; 64.0 percent) exported their products



Directly; 43 (20.1 percent) exported their products through Other Intermediaries; 24 (11.2 percent) Through Parent Enterprises; and only 10 (4.7 percent) used Other media of exports. (For more detail see Annex Table 62)

**Table 3.9: Number of Respondent Large Establishments by Industrial Sub-Sector and Media of Exports, Tanzania Mainland, CIP-2013**

| Industrial Sub-Sector   | Media of Export |                           |                              |            | Total        |
|---|-----------------|---------------------------|------------------------------|------------|--------------|
|   | Directly        | Through Parent Enterprise | Through Other Intermediaries | Other      |              |
| Mining and quarrying  | 9               | 6                         | 5                            | -          | 20           |
| Manufacturing   | 127             | 16                        | 38                           | 9          | 190          |
| Electricity, gas, steam and air conditioning supply                 | -               | -                         | -                            | -          | 0            |
| Water supply; sewerage, waste management and remediation activities | 1               | 2                         | -                            | 1          | 4            |
| <b>Total</b>  | <b>137</b>      | <b>24</b>                 | <b>43</b>                    | <b>10</b>  | <b>214</b>   |
| <b>Percent</b>  | <b>64.0</b>     | <b>11.2</b>               | <b>20.1</b>                  | <b>4.7</b> | <b>100.0</b> |

Note: This Table involves multiple responses

### 3.1.9.6 Importance of Trade Agreements

The majority of the large establishments (464 responses; 42.1 percent) reported that Regional trade agreements were very important; (372 responses; 33.7 percent) reported to be Important; while 267 responses (24.2 percent) reported Not Important. International Trade Agreements were ranked as follows; Very Important (427 responses; 38.7 percent); Important (387 responses;

35.1 percent); and Not Important (289 responses; 26.2 percent). (For more detail see Annex Table 63).

**Table 3.10: Number of Respondent Large Establishments by Industrial Sub-Sector, Type of Trade Agreements and Importance of Trade Agreements, Tanzania Mainland, CIP-2013**

| Trade Agreement                       | Industrial Sub-Sector |               |   |   | Total        | Percent      |
|---------------------------------------|-----------------------|---------------|---|---|--------------|--------------|
|                                       | Mining and quarrying  | Manufacturing | Electricity, gas, steam and air conditioning supply | Water supply; Sewerage, waste management and remediation activities |              |              |
| <b>Regional Trade Agreements</b>      |                       |               |   |   |              |              |
| Very Important                        | 89                    | 339           | 8   | 28  | 464          | 42.1         |
| Important                             | 64                    | 280           | 9   | 19  | 372          | 33.7         |
| Not Important                         | 40                    | 186           | 9   | 32  | 267          | 24.2         |
| <b>Total</b>                          | <b>193</b>            | <b>805</b>    | <b>26</b>   | <b>79</b>   | <b>1,103</b> | <b>100.0</b> |
| <b>International Trade Agreements</b> |                       |               |   |   |              |              |
| Very Important                        | 81                    | 280           | 6   | 20  | 387          | 35.1         |
| Important                             | 81                    | 310           | 12  | 24  | 427          | 38.7         |
| Not Important                         | 31                    | 215           | 8   | 35  | 289          | 26.2         |
| <b>Total</b>                          | <b>193</b>            | <b>805</b>    | <b>26</b>   | <b>79</b>   | <b>1,103</b> | <b>100.0</b> |

### 3.1.9.7 Sources of Water

The results show that 42.3 percent of the large (10+) establishments used Underground Water; 35.2 percent used Public Network; 6.6 percent used Rivers; while Not Applicable applied to 9.9 percent of the establishments. (For more detail see Annex Table 58(a)).



**Table 3.11: Percentage of Respondent Large Establishments by Industrial Sub-Sector and Establishments' Main Source of Water, Tanzania Mainland, CIP 2013**

| Industrial Sub-Sector   | Public Network | River      | Underground Water | Other      | Not Applicable | Total        |             |
|---|----------------|------------|-------------------|------------|----------------|--------------|-------------|
|   |                |            |                   |            |                | %            | No.         |
| Mining and quarrying  | 6.2            | 7.3        | 70.0              | 9.8        | 6.7            | 100.0        | 193         |
| Manufacturing   | 43.0           | 4.5        | 37.0              | 4.2        | 11.0           | 100.0        | 805         |
| electricity, gas, steam and air conditioning supply                 | 76.9           | 11.5       | 3.8               | 3.8        | 3.8            | 100.0        | 26          |
| Water supply; sewerage, waste management and remediation activities | 11.4           | 25.3       | 40.5              | 15.2       | 7.6            | 100.0        | 79          |
| <b>Total</b>  | <b>35.2</b>    | <b>6.6</b> | <b>42.3</b>       | <b>6.0</b> | <b>9.9</b>     | <b>100.0</b> | <b>1103</b> |

Majority (18.1.3 percent) of the small establishments used Public Network; 14.3 percent used Underground Water; and 5.3 percent used water from Rivers; whereas, Not Applicable applied to 60.1 percent of the establishments. (For more detail see Annex Table 58(b)).

**Table 3.12: Number of Respondent Small Establishments by Industrial Sub-Sector and Establishments' Main Source of Water, Tanzania Mainland, CIP-2013**

| Industrial Sub-Sector   | Public Network | River      | Underground Water | Other      | Not applicable | Total         |
|---|----------------|------------|-------------------|------------|----------------|---------------|
| Mining and Quarrying  | 9              | 16         | 72                | 16         | 63             | 176           |
| Manufacturing   | 2,087          | 573        | 1,496             | 233        | 6,940          | 11,329        |
| Electricity, Gas, Steam and air Conditioning supply                 | 12             | 27         | 30                | 3          | 39             | 111           |
| Water supply; sewerage, waste management and remediation activities | 12             | 11         | 86                | 1          | 19             | 129           |
| <b>Total</b>  | <b>2,120</b>   | <b>627</b> | <b>1,684</b>      | <b>253</b> | <b>7,061</b>   | <b>11,745</b> |
| <b>Percentage</b>   | <b>18.1</b>    | <b>5.3</b> | <b>14.3</b>       | <b>2.2</b> | <b>60.1</b>    | <b>100.0</b>  |

### 3.1.9.8 Environmental Management Plan

The results show that, 754 responses (68.4 percent of the establishments) had Environmental Management Plan; whereas, 349 responses (31.6 percent of the establishments) had no Environmental Management Plan. (For more detail see Annex Table 65).

**Table 3.13: Number and Percentage of Respondent Large Establishments by Industrial Sub-Sector and Availability of an Environmental Management Plan Tanzania Mainland, CIP-2013**

| Industrial Sub-Sector   | With Environmental Management Plan |             | Without Environmental Management Plan |             | Total        |              |
|---|------------------------------------|-------------|---------------------------------------|-------------|--------------|--------------|
|   | Number                             | Percent     | Number                                | Percent     | Number       | Percent      |
| Mining and quarrying  | 117                                | 60.6        | 76                                    | 39.4        | 193          | 100.0        |
| Manufacturing   | 561                                | 69.7        | 244                                   | 30.3        | 805          | 100.0        |
| Electricity, gas, steam and air conditioning supply                 | 16                                 | 61.5        | 10                                    | 38.5        | 26           | 100.0        |
| Water supply; sewerage, waste management and remediation activities | 60                                 | 75.9        | 19                                    | 24.1        | 79           | 100.0        |
| <b>Total</b>  | <b>754</b>                         | <b>68.4</b> | <b>349</b>                            | <b>31.6</b> | <b>1,103</b> | <b>100.0</b> |



### 3.1.9.9 Current Plant Technology Status

The majority of the large establishments (45.8 percent) reported to use Semi-Automatic machines; 39.7 percent used Manual machines; 13.4 percent used Fully-Automated machines; while 1.1 percent used other technologies.

**Table 3.14: Percentage of the Current Plant Technology Status by Industrial Sub-Sector, CIP-2013**

| Industrial Sub-Sector   | (Percent)   |                |                   |            |  | Total        |
|---|-------------|----------------|-------------------|------------|--|--------------|
|   | Manual      | Semi-Automatic | Fully - Automated | Other      |  |              |
| Mining and quarrying  | 47.8        | 44.7           | 7.1               | 0.3        |  | 100.0        |
| Manufacturing   | 38.4        | 46.4           | 14.7              | 0.6        |  | 100.0        |
| Electricity, gas, steam and air conditioning supply                 | 27.3        | 27.3           | 9.1               | 36.4       |  | 100.0        |
| Water supply; sewerage, waste management and remediation activities | 30.5        | 43.9           | 19.5              | 6.1        |  | 100.0        |
| <b>Total</b>  | <b>39.7</b> | <b>45.8</b>    | <b>13.4</b>       | <b>1.1</b> |  | <b>100.0</b> |

The results in Table 4.14 show that, machines with the highest life span (years) ranged from 21+ years (29.9 percent); followed by 6-10 years (22.3 percent); 16-20 years (15.3 percent); while those with the shortest life span of 1-5 years accounted for 14.3 percent.

**Table 3.15: Plant Life Span by Industrial Sub-Sector, Establishments, CIP-2013**

| Industrial Sub-Sector   | Life Span (Years) |             |             |             |             | Total        |
|---|-------------------|-------------|-------------|-------------|-------------|--------------|
|   | 1-5               | 6-10        | 11-15       | 16-20       | 21+         |              |
| Mining and quarrying  | 108               | 86          | 43          | 29          | 29          | 295          |
| Manufacturing   | 84                | 224         | 205         | 181         | 380         | 1074         |
| Electricity, gas, steam and air conditioning supply                 | 4                 | 0           | 2           | 2           | 3           | 11           |
| Water supply; sewerage, waste management and remediation activities | 13                | 16          | 16          | 12          | 25          | 82           |
| <b>Total</b>  | <b>209</b>        | <b>326</b>  | <b>266</b>  | <b>224</b>  | <b>437</b>  | <b>1462</b>  |
| <b>Percentage</b>   | <b>14.3</b>       | <b>22.3</b> | <b>18.2</b> | <b>15.3</b> | <b>29.9</b> | <b>100.0</b> |

### 3.1.9.10 Investment Plan

Results show that, 73.3 percent of the establishments had a plan of Replacing Old Machinery; 87.1 percent planned to Expand Production Capacity; and 78.9 percent planned to Upgrade Technology.

**Table 3.16: Establishment Investment Plan by Industrial Sub-Sector, Large Establishments, CIP-2013**

| Industrial Sub-Sector   | Replacement of Old Machinery | Expanding Production Capacity | Technology Upgrading |
|---|------------------------------|-------------------------------|----------------------|
| Mining and quarrying  | 16.8                         | 16.3                          | 15.8                 |
| Manufacturing   | 50.4                         | 61.5                          | 56.2                 |
| Electricity, gas, steam and air conditioning supply                 | 1.3                          | 2.2                           | 1.7                  |
| Water supply; sewerage, waste management and remediation activities | 4.8                          | 7.1                           | 5.2                  |
| <b>Total</b>  | <b>73.3</b>                  | <b>87.1</b>                   | <b>78.9</b>          |

### 3.1.9.11 Establishments Information Technology Infrastructure Status

Table 4.17 presents technology infrastructures used by large establishments. The results show that mobile phones are used by majority of establishments (92.9 percent), followed by the use of computer (65.2 percent) and both telephone system and internet (55.4 percent) each. On the other hand, results reveal the least use of extranet technology (8.1 percent). (For more detail see Annex Table 68(a)).

**Table 3.17: Number and Percentage of Respondent Large Establishments by Type of Information Technology Infrastructure and Use, Tanzania Mainland, CIP-2013**

| Type of Infrastructure | In Use |         | Not in Use |         | Total  |         |
|------------------------|--------|---------|------------|---------|--------|---------|
|                        | Number | Percent | Number     | Percent | Number | Percent |
| Computer               | 719    | 65.2    | 384        | 34.8    | 1103   | 100.0   |
| Telephone System       | 611    | 55.4    | 492        | 44.6    | 1103   | 100.0   |
| Mobile Phones          | 1,025  | 92.9    | 78         | 7.1     | 1103   | 100.0   |
| Website                | 408    | 37.0    | 695        | 63.0    | 1103   | 100.0   |
| Local Area Network     | 392    | 35.5    | 711        | 64.5    | 1103   | 100.0   |
| Intranet               | 219    | 19.9    | 884        | 80.1    | 1103   | 100.0   |
| Extranet               | 89     | 8.1     | 1,014      | 91.9    | 1103   | 100.0   |
| Internet               | 611    | 55.4    | 492        | 44.6    | 1103   | 100.0   |
| CCTV                   | 275    | 25.0    | 827        | 75.0    | 1102   | 100.0   |

### 3.1.9.12 HIV/AIDS

Among the methods for Reducing Industrial Sector Vulnerability to HIV/AIDS by large establishments, HIV/AIDS Workplace Education and Prevention were mostly used (1,018 responses; 33.9 percent); followed by Counselling (903 responses; 33.9 percent) and Treatment (467 responses; 17.5 percent). Similar methods for reducing Industrial Sector Vulnerability to HIV/AIDS have been used by small establishments as shown in large establishments, HIV/AIDS Workplace Education and Prevention were mostly used (10,474 responses; 39.6 percent); followed by Counselling (8,744 responses; 33.1 percent) and Treatment (3,624 responses; 13.7 percent). (For more detail see Annex Tables 60(a) and 60(b)).



## 5.0 CHALLENGES, RECOMMENDATIONS AND WAY FOWARD

### 5.1 Challenges

1. According to UN Recommendations on industrial statistics, the 2013 Industrial Census should have been done in 1999 (14 years ago) but; due to lack of financial resources, it has not been possible.
2. The Census work-plan was affected during the listing of establishments by the delay of funds disbursement; hence, has affected the time frame for the Census operation. According to the work-plan, the 2013 CIP was scheduled to start in June 2014 and end in July 2015, unfortunately, delay in the release of funds has affected the work-plan and therefore, the Census was completed in June, 2016
3. Failure to locate some establishments especially those engaging 1 to 9 persons (most of them changed their locations), which resulted into non-response and estimation of the non-respondents.
4. The allocated time for data collection was not sufficient enough for some regions with many large establishments engaging 10 or more persons. More time was needed to fill in the questionnaires using Balance Sheets. This has also increased the number of call-backs.
5. Some of the establishment owners were not aware of the 2013 CIP and information confidentiality, which led to hesitation in co-operating with the enumerators. This was due to wrong perception related to tax collection strategy of the Tanzania Revenue Authority. Enumerators took more time to educate the respondents on objectives of the Census, NBS Data Collection Authority and Confidentiality of their information.
6. It was very difficult to estimate some variables for example, income and inventory due to memory lapse particularly the small (1-9) establishments which do not keep Books of Accounts. This was resolved by doing tactical probing to the



respondents in order to get best estimates of income and expenditure.

7. Some of the local leaders did not provide adequate co-operation during the listing and data collection as there was no incentive provided to them.

## 5.2 Recommendations

1. To avoid unnecessary delays in CIP execution, it is necessary that adequate funds should be allocated and timely released.
2. Data collection supervision guidelines should strictly be followed so as to avoid common mistakes.
3. More emphasis should be put to ensure that the collected information is correct and consistent. Some key variables such as total labour costs, number of persons engaged, intermediate consumption, gross output and value added have to be thoroughly checked during data collection and manual editing. Quality of data always starts at establishment level/enumeration point.
4. Small establishments have a tendency of shifting from one place to another anytime, it is recommended that the time between the listing exercise and the main census should relatively be short.
5. Regions with many large (10+) establishments should be allocated with enough time and reasonable number of enumerators for the field work so as to ensure comparable time for data collection exercise across regions.
6. More publicity involving radios, televisions, newspaper, brochures and flyers should be done prior to the census. This will lead to increased awareness to the owners of the establishments about the exercise in general and hence, increasing compliance on data requests.
7. Enumerators should be more conversant in probing and on how to get best estimates in case the Books of Accounts are not readily available.
8. Incentives to local leaders such as allowances should be allocated for smooth and timely completion of data collection activities.



9. Despite the challenges experienced by some establishments on missing information for initial capital as a result of changing owners, the question is still important and should be maintained in censuses and other similar surveys.

## 5.2 Way Forward

1. Smooth and timely availability of financial resources is a key factor towards successful completion of the survey as per scheduled time frame. The timely disbursement of funds enables smooth implementation of survey activities according to the work-plan.
2. The Ministry of Industry, Trade and Investment; Regional Administrative Secretaries and Tanzania Confederation of Industries have fully participated on awareness campaigns (through radios, newspapers and meetings) to the owners of the establishments some time before the census. This system should be included in other large scale surveys since it has a very positive effect on the response to most of the establishments.
3. The Technical Committee was very useful on matters regarding smooth running of the project. The committee

had responsibilities of both technical and administrative mandate of the survey throughout the Census activities. Such a committee should be formed in other similar large scale surveys.

4. Enough time should be allocated for training of the survey field staff for data collection, preferably four weeks so as to accommodate more practical work (theory and field).
5. With regards to Inter-censal activities such as the current Quarterly and Annual Surveys of Industrial Production; such activities should be re-designed on the basis of the census results so as to meet the prevailing needs. For instance, the current scope of the Quarterly Survey could be extended to include the sub-sectors of mining, electricity and water.
6. Census results will raise questions that may need to be investigated and such investigations will give rise to additional inter-censal surveys. Another area will be the production of thematic reports relating to selected industrial activities such as; the manufacture of food products, textiles, wood products and other industrial activities. Such reports should give more details concerning the respective industrial activities.



7. The NBS in collaboration with MITI and CTI should conduct seminars in the process of disseminating the census results. Industrial statistics are not as widely and easily understood like population or agricultural statistics therefore, greater effort must be made to disseminate the results.

So as to conform to the United Nations Recommendations, the next industrial census should be done for the calendar year 2023 (ten years after this census).



# Annex Tables



**Table 1(a): Number of Establishments by Industrial Activity and Region, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4   | Industrial Activity   | Region        |            |           |           |           |           |           |           |           |            | Total        |            |
|--------------|---|---------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|--------------|------------|
|              |   | Dar es Salaam | Manyara    | Arusha    | Kagera    | Mbeya     | Morogoro  | Iringa    | Mara      | Ruvuma    | Others     |              |            |
| 5            | Mining of coal and lignite  | -             | -          | -         | -         | 1         | -         | -         | -         | -         | -          | -            | 1          |
| 7            | Mining of metal ores  | -             | 1          | -         | -         | 4         | -         | 1         | 4         | -         | -          | 22           | 32         |
| 8            | Other mining and quarrying  | 3             | 141        | -         | 1         | 8         | 1         | -         | 6         | -         | -          | 16           | 176        |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>3</b>      | <b>142</b> | <b>-</b>  | <b>1</b>  | <b>14</b> | <b>1</b>  | <b>1</b>  | <b>10</b> | <b>-</b>  | <b>-</b>   | <b>38</b>    | <b>210</b> |
| 10           | Manufacture of food products  | 63            | 18         | 27        | 64        | 24        | 13        | 19        | 9         | 10        | 134        | 382          |            |
| 11           | Manufacture of beverages  | 15            | -          | 8         | 1         | 7         | 1         | 1         | -         | -         | 14         | 48           |            |
| 12           | Manufacture of tobacco products   | 2             | -          | -         | -         | -         | 2         | -         | -         | -         | -          | 4            |            |
| 13           | Manufacture of textiles   | 12            | -          | 6         | -         | 1         | 3         | -         | 1         | -         | 9          | 32           |            |
| 14           | Manufacture of wearing apparel  | 5             | -          | -         | 1         | 2         | 1         | 1         | 1         | -         | 2          | 13           |            |
| 15           | Manufacture of leather and related products   | 11            | -          | 1         | -         | -         | -         | -         | -         | -         | 5          | 17           |            |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 16            | -          | 6         | -         | -         | 9         | 4         | -         | -         | 33         | 68           |            |
| 17           | Manufacture of paper and paper products   | 7             | -          | 2         | -         | -         | -         | 1         | -         | -         | 2          | 12           |            |
| 18           | Printing and reproduction of recorded media   | 32            | -          | 3         | 1         | -         | 2         | -         | 1         | 1         | 8          | 48           |            |
| 19           | Manufacture of coke and refined petroleum products  | 2             | -          | -         | -         | -         | -         | -         | -         | -         | 1          | 3            |            |
| 20           | Manufacture of chemicals and chemical products  | 22            | 1          | -         | 1         | 5         | -         | 1         | -         | -         | 9          | 39           |            |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 5             | -          | -         | -         | -         | -         | -         | -         | -         | -          | 5            |            |
| 22           | Manufacture of rubber and plastics products   | 31            | -          | 4         | -         | -         | 1         | -         | -         | -         | 6          | 43           |            |
| 23           | Manufacture of other non-metallic mineral products  | 36            | -          | 11        | 4         | 3         | 3         | -         | 1         | -         | 30         | 88           |            |
| 24           | Manufacture of basic metals   | 11            | -          | 1         | -         | -         | -         | -         | -         | -         | 2          | 14           |            |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 28            | -          | 7         | 1         | -         | 2         | -         | -         | -         | 15         | 54           |            |
| 26           | Manufacture of computer, electronic and optical products  | -             | -          | 1         | -         | -         | -         | -         | -         | -         | -          | 1            |            |
| 27           | Manufacture of electrical equipment   | 18            | -          | 1         | -         | 1         | -         | -         | -         | -         | -          | 2            |            |
| 28           | Manufacture of machinery and equipment n.e.c.   | 2             | -          | 5         | -         | 1         | 3         | 1         | -         | -         | 2          | 14           |            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 11            | -          | 2         | -         | -         | -         | -         | -         | -         | 1          | 14           |            |
| 30           | Manufacture of other transport equipment  | 1             | -          | -         | -         | -         | -         | -         | -         | -         | 1          | 2            |            |
| 31           | Manufacture of furniture  | 30            | 1          | 2         | -         | 3         | -         | 1         | 2         | 2         | 18         | 60           |            |
| 32           | Other manufacturing   | 12            | -          | -         | -         | -         | -         | -         | -         | -         | 1          | 13           |            |
| 33           | Repair and installation of machinery and equipment  | 3             | -          | -         | -         | -         | -         | -         | -         | -         | 1          | 4            |            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>376</b>    | <b>20</b>  | <b>87</b> | <b>74</b> | <b>48</b> | <b>41</b> | <b>29</b> | <b>15</b> | <b>13</b> | <b>295</b> | <b>998</b>   |            |
| 35           | Electricity, gas, steam and air conditioning supply   | 3             | 2          | 1         | 1         | 2         | 1         | 1         | 1         | 1         | 14         | 27           |            |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>3</b>      | <b>2</b>   | <b>1</b>  | <b>1</b>  | <b>2</b>  | <b>1</b>  | <b>1</b>  | <b>1</b>  | <b>1</b>  | <b>14</b>  | <b>27</b>    |            |
| 36           | Water collection, treatment and supply  | 3             | 3          | 1         | 1         | 10        | 4         | 1         | 2         | 4         | 53         | 84           |            |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 2             | -          | -         | -         | -         | -         | -         | -         | -         | 1          | 3            |            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>6</b>      | <b>3</b>   | <b>1</b>  | <b>1</b>  | <b>10</b> | <b>4</b>  | <b>1</b>  | <b>2</b>  | <b>4</b>  | <b>54</b>  | <b>87</b>    |            |
| <b>Total</b> |   | <b>389</b>    | <b>167</b> | <b>89</b> | <b>77</b> | <b>73</b> | <b>48</b> | <b>32</b> | <b>28</b> | <b>18</b> | <b>400</b> | <b>1,322</b> |            |



**Table 1(b): Number of Establishments by Industrial Activity and Region, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC Rev.4   | Industrial Activity   | Dar es Salaam | Mara         | Ruvuma       | Morogoro     | Mbeya        | Iringa       | Kagera       | Manyara      | Arusha       | Others        | Total         |
|--------------|---|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|
| 07           | Mining of metal ores  | -             | 5            | -            | -            | 1            | -            | -            | 1            | -            | 5             | 12            |
| 08           | Other mining and quarrying  | 2             | 26           | 1            | -            | 1            | 9            | 26           | 12           | 1            | 91            | 170           |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>2</b>      | <b>31</b>    | <b>1</b>     | <b>-</b>     | <b>2</b>     | <b>9</b>     | <b>26</b>    | <b>13</b>    | <b>1</b>     | <b>96</b>     | <b>182</b>    |
| 10           | Manufacture of food products  | 414           | 1,578        | 2,119        | 1,434        | 1,323        | 1,162        | 476          | 1,328        | 1,020        | 8,463         | 19,318        |
| 11           | Manufacture of beverages  | -             | 2            | -            | 1            | 2            | 2            | 2            | 1            | 1            | 18            | 29            |
| 12           | Manufacture of tobacco products   | -             | 1            | -            | -            | -            | 9            | -            | -            | -            | -             | 10            |
| 13           | Manufacture of textiles   | 359           | 8            | 10           | 23           | 42           | 11           | 35           | 6            | 12           | 170           | 676           |
| 14           | Manufacture of wearing apparel  | 2,677         | 1,260        | 453          | 582          | 486          | 529          | 1,004        | 491          | 370          | 5,428         | 13,280        |
| 15           | Manufacture of leather and related products   | 60            | 8            | 7            | 13           | 8            | 7            | 1            | 5            | 10           | 40            | 159           |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 331           | 48           | 35           | 89           | 220          | 124          | 45           | 21           | 20           | 769           | 1,702         |
| 17           | Manufacture of paper and paper products   | 5             | -            | -            | -            | -            | 1            | -            | -            | -            | -             | 6             |
| 18           | Printing and reproduction of recorded media   | 92            | -            | 1            | -            | 2            | 2            | 5            | -            | 4            | 13            | 119           |
| 20           | Manufacture of chemicals and chemical products  | 9             | 3            | -            | -            | 9            | -            | 2            | -            | 2            | 22            | 48            |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 1             | 1            | -            | -            | -            | -            | -            | -            | -            | -             | 2             |
| 22           | Manufacture of rubber and plastics products   | 15            | -            | -            | 3            | 1            | 1            | -            | -            | -            | 2             | 22            |
| 23           | Manufacture of other non-metallic mineral products  | 480           | 12           | 4            | 26           | 10           | 6            | 42           | 7            | 103          | 325           | 1,014         |
| 24           | Manufacture of basic metals   | 2             | -            | 2            | -            | -            | -            | -            | -            | -            | 1             | 5             |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 1,114         | 234          | 64           | 274          | 220          | 129          | 156          | 153          | 243          | 1,163         | 3,751         |
| 26           | Manufacture of computer, electronic and optical products  | -             | -            | -            | -            | -            | -            | -            | -            | -            | 1             | 1             |
| 27           | Manufacture of electrical equipment   | 92            | 11           | 21           | 19           | 8            | 1            | 23           | 8            | 3            | 46            | 233           |
| 28           | Manufacture of machinery and equipment n.e.c.   | 24            | 1            | 10           | 3            | 7            | 9            | -            | -            | 3            | 28            | 84            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 7             | 3            | -            | 3            | -            | 2            | -            | 1            | 1            | 7             | 24            |
| 30           | Manufacture of other transport equipment  | 1             | 3            | 6            | -            | 2            | -            | 6            | 6            | 1            | 20            | 45            |
| 31           | Manufacture of furniture  | 1,209         | 315          | 721          | 521          | 426          | 452          | 510          | 185          | 246          | 2,178         | 6,763         |
| 32           | Other manufacturing   | 92            | -            | -            | 7            | 6            | 2            | 4            | 1            | 11           | 38            | 162           |
| 33           | Repair and installation of machinery and equipment  | 8             | -            | -            | -            | -            | 1            | -            | 3            | -            | 12            | 24            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>6,992</b>  | <b>3,488</b> | <b>3,454</b> | <b>2,995</b> | <b>2,772</b> | <b>2,452</b> | <b>2,312</b> | <b>2,217</b> | <b>2,051</b> | <b>18,743</b> | <b>47,476</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 3             | 1            | -            | 27           | 16           | 22           | -            | 2            | 1            | 53            | 124           |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>3</b>      | <b>1</b>     | <b>-</b>     | <b>27</b>    | <b>16</b>    | <b>22</b>    | <b>-</b>     | <b>2</b>     | <b>1</b>     | <b>53</b>     | <b>124</b>    |
| 36           | Water collection, treatment and supply  | 57            | -            | 4            | 7            | -            | 3            | -            | 1            | 3            | 61            | 137           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -             | -            | -            | -            | -            | -            | -            | -            | 1            | 1             | 2             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>57</b>     | <b>-</b>     | <b>4</b>     | <b>7</b>     | <b>-</b>     | <b>3</b>     | <b>-</b>     | <b>1</b>     | <b>5</b>     | <b>62</b>     | <b>140</b>    |
| <b>Total</b> |   | <b>7,054</b>  | <b>3,521</b> | <b>3,459</b> | <b>3,029</b> | <b>2,790</b> | <b>2,486</b> | <b>2,338</b> | <b>2,232</b> | <b>2,057</b> | <b>18,955</b> | <b>47,922</b> |



**Table 2: Number of Establishments by Industrial Activity and Form of Ownership, Tanzania Mainland, CIP-2013**

| ISIC Rev.4   | Industrial Activity   | Form of Ownership (10+) |              |           |              | Form of Ownership (1-9) |               |          |               |
|--------------|---|-------------------------|--------------|-----------|--------------|-------------------------|---------------|----------|---------------|
|              |   | Public                  | Private      | Mixed     | Total        | Public                  | Private       | Mixed    | Total         |
| 05           | Mining of coal and lignite  | -                       | 1            | -         | 1            | -                       | -             | -        | -             |
| 07           | Mining of metal ores  | 1                       | 31           | -         | 32           | -                       | 12            | -        | 12            |
| 08           | Other mining and quarrying  | 3                       | 172          | 1         | 176          | 3                       | 166           | -        | 170           |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>4</b>                | <b>204</b>   | <b>1</b>  | <b>210</b>   | <b>3</b>                | <b>178</b>    | <b>-</b> | <b>182</b>    |
| 10           | Manufacture of food products  | 29                      | 343          | 10        | 382          | 5                       | 19,312        | 1        | 19,318        |
| 11           | Manufacture of beverages  | -                       | 42           | 6         | 48           | -                       | 29            | -        | 29            |
| 12           | Manufacture of tobacco products   | -                       | 3            | 1         | 4            | -                       | 10            | -        | 10            |
| 13           | Manufacture of textiles   | 2                       | 29           | 1         | 32           | 1                       | 675           | -        | 676           |
| 14           | Manufacture of wearing apparel  | -                       | 13           | -         | 13           | 1                       | 13,279        | -        | 13,280        |
| 15           | Manufacture of leather and related products   | 1                       | 15           | 1         | 17           | -                       | 159           | -        | 159           |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 1                       | 67           | -         | 68           | 1                       | 1,701         | -        | 1,702         |
| 17           | Manufacture of paper and paper products   | -                       | 12           | -         | 12           | -                       | 6             | -        | 6             |
| 18           | Printing and reproduction of recorded media   | 2                       | 46           | -         | 48           | 2                       | 117           | -        | 119           |
| 19           | Manufacture of coke and refined petroleum products  | -                       | 3            | -         | 3            | -                       | -             | -        | -             |
| 20           | Manufacture of chemicals and chemical products  | 1                       | 37           | 1         | 39           | -                       | 48            | -        | 48            |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -                       | 5            | -         | 5            | -                       | 2             | -        | 2             |
| 22           | Manufacture of rubber and plastics products   | -                       | 43           | -         | 43           | -                       | 22            | -        | 22            |
| 23           | Manufacture of other non-metallic mineral products  | 2                       | 85           | 1         | 88           | 1                       | 1,013         | -        | 1,014         |
| 24           | Manufacture of basic metals   | -                       | 14           | -         | 14           | -                       | 5             | -        | 5             |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 1                       | 51           | 1         | 54           | 3                       | 3,747         | 1        | 3,751         |
| 26           | Manufacture of computer, electronic and optical products  | -                       | 1            | -         | 1            | -                       | 1             | -        | 1             |
| 27           | Manufacture of electrical equipment   | -                       | 19           | 1         | 20           | -                       | 233           | -        | 233           |
| 28           | Manufacture of machinery and equipment n.e.c.   | 8                       | 7            | -         | 14           | 2                       | 82            | -        | 84            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 1                       | 13           | -         | 14           | 3                       | 21            | -        | 24            |
| 30           | Manufacture of other transport equipment  | -                       | 2            | -         | 2            | 1                       | 44            | -        | 45            |
| 31           | Manufacture of furniture  | -                       | 59           | 1         | 60           | 14                      | 6,749         | -        | 6,763         |
| 32           | Other manufacturing   | -                       | 13           | -         | 13           | -                       | 161           | 1        | 162           |
| 33           | Repair and installation of machinery and equipment  | -                       | 3            | 1         | 4            | -                       | 24            | -        | 24            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>48</b>               | <b>924</b>   | <b>25</b> | <b>998</b>   | <b>34</b>               | <b>47,439</b> | <b>3</b> | <b>47,476</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 23                      | 4            | -         | 27           | 1                       | 123           | -        | 124           |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>23</b>               | <b>4</b>     | <b>-</b>  | <b>27</b>    | <b>1</b>                | <b>123</b>    | <b>-</b> | <b>124</b>    |
| 36           | Water collection, treatment and supply  | 75                      | 9            | -         | 84           | 49                      | 88            | -        | 137           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -                       | 3            | -         | 3            | -                       | 2             | -        | 2             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>75</b>               | <b>12</b>    | <b>-</b>  | <b>87</b>    | <b>49</b>               | <b>91</b>     | <b>-</b> | <b>140</b>    |
| <b>Total</b> |   | <b>151</b>              | <b>1,144</b> | <b>27</b> | <b>1,322</b> | <b>87</b>               | <b>47,831</b> | <b>3</b> | <b>47,922</b> |



**Table 3: Number of Establishments by Industrial Activity and Origin of Ownership, Tanzania Mainland, CIP-2013**

| ISIC Rev4    | Industrial Activity   | Origin of Ownership (10+) |            |           |              | Origin of Ownership (1-9) |           |          |               |
|--------------|---|---------------------------|------------|-----------|--------------|---------------------------|-----------|----------|---------------|
|              |   | National                  | Foreign    | Joint     | Total        | National                  | Foreign   | Joint    | Total         |
| 05           | Mining of coal and lignite  | -                         | 1          | -         | 1            | -                         | -         | -        | -             |
| 07           | Mining of metal ores  | 26                        | 6          | -         | 32           | 12                        | -         | -        | 12            |
| 08           | Other mining and quarrying  | 171                       | 3          | 2         | 176          | 170                       | -         | -        | 170           |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>197</b>                | <b>10</b>  | <b>2</b>  | <b>210</b>   | <b>182</b>                | -         | -        | <b>182</b>    |
| 10           | Manufacture of food products  | 315                       | 41         | 26        | 382          | 19,312                    | 5         | 1        | 19,318        |
| 11           | Manufacture of beverages  | 30                        | 7          | 10        | 48           | 28                        | 1         | -        | 29            |
| 12           | Manufacture of tobacco products   | -                         | 2          | 2         | 4            | 10                        | -         | -        | 10            |
| 13           | Manufacture of textiles   | 20                        | 10         | 2         | 32           | 676                       | -         | -        | 676           |
| 14           | Manufacture of wearing apparel  | 10                        | 2          | 1         | 13           | 13,269                    | 11        | -        | 13,280        |
| 15           | Manufacture of leather and related products   | 10                        | 6          | 1         | 17           | 159                       | -         | -        | 159           |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 51                        | 7          | 10        | 68           | 1,699                     | 2         | 1        | 1,702         |
| 17           | Manufacture of paper and paper products   | 8                         | 4          | -         | 12           | 6                         | -         | -        | 6             |
| 18           | Printing and reproduction of recorded media   | 39                        | 2          | 7         | 48           | 118                       | 1         | -        | 119           |
| 19           | Manufacture of coke and refined petroleum products  | -                         | 2          | 1         | 3            | -                         | -         | -        | -             |
| 20           | Manufacture of chemicals and chemical products  | 31                        | 4          | 3         | 39           | 48                        | -         | -        | 48            |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 3                         | 2          | -         | 5            | 2                         | -         | -        | 2             |
| 22           | Manufacture of rubber and plastics products   | 23                        | 13         | 6         | 43           | 22                        | -         | -        | 22            |
| 23           | Manufacture of other non-metallic mineral products  | 76                        | 5          | 7         | 88           | 1,013                     | 1         | -        | 1,014         |
| 24           | Manufacture of basic metals   | 8                         | 2          | 4         | 14           | 5                         | -         | -        | 5             |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 41                        | 8          | 5         | 54           | 3,740                     | 6         | 4        | 3,751         |
| 26           | Manufacture of computer, electronic and optical products  | -                         | 1          | -         | 1            | 1                         | -         | -        | 1             |
| 27           | Manufacture of electrical equipment   | 16                        | 2          | 2         | 20           | 233                       | -         | -        | 233           |
| 28           | Manufacture of machinery and equipment n.e.c.   | 14                        | -          | -         | 14           | 83                        | 1         | -        | 84            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 14                        | -          | -         | 14           | 24                        | -         | -        | 24            |
| 30           | Manufacture of other transport equipment  | 2                         | -          | -         | 2            | 45                        | -         | -        | 45            |
| 31           | Manufacture of furniture  | 57                        | 1          | 2         | 60           | 6,761                     | 2         | -        | 6,763         |
| 32           | Other manufacturing   | 7                         | 6          | -         | 13           | 161                       | 1         | -        | 162           |
| 33           | Repair and installation of machinery and equipment  | 3                         | -          | 1         | 4            | 24                        | -         | -        | 24            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>778</b>                | <b>128</b> | <b>91</b> | <b>998</b>   | <b>47,439</b>             | <b>32</b> | <b>6</b> | <b>47,476</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 26                        | -          | 1         | 27           | 122                       | 2         | -        | 124           |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>26</b>                 | <b>-</b>   | <b>1</b>  | <b>27</b>    | <b>122</b>                | <b>2</b>  | <b>-</b> | <b>124</b>    |
| 36           | Water collection, treatment and supply  | 83                        | 1          | -         | 84           | 135                       | 2         | -        | 137           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -                         | 3          | -         | 3            | 2                         | -         | -        | 2             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>83</b>                 | <b>5</b>   | <b>-</b>  | <b>87</b>    | <b>137</b>                | <b>2</b>  | <b>-</b> | <b>140</b>    |
| <b>Total</b> |   | <b>1,084</b>              | <b>143</b> | <b>95</b> | <b>1,322</b> | <b>47,880</b>             | <b>36</b> | <b>6</b> | <b>47,922</b> |



**Table 4: Number of Establishments by Industrial Activity and Employment Size, Tanzania Mainland, CIP-2013**

| ISIC Rev.4   | Industrial Activity  | Employment Size |              |            |            |            |            | Total     |               |
|--------------|--|-----------------|--------------|------------|------------|------------|------------|-----------|---------------|
|              |  | 1 - 4           | 5 - 9        | 10 - 19    | 20-49      | 50-99      | 100-499    |           | 500+          |
|              | 05 Mining of coal and lignite  | -               | -            | -          | -          | 1          | -          | -         | 1             |
|              | 07 Mining of metal ores  | 4               | 8            | 11         | 10         | 2          | 4          | 5         | 44            |
|              | 08 Other mining and quarrying  | 73              | 97           | 58         | 80         | 18         | 19         | 2         | 346           |
| <b>B</b>     | <b>Mining and quarrying</b>  | <b>77</b>       | <b>105</b>   | <b>69</b>  | <b>90</b>  | <b>21</b>  | <b>23</b>  | <b>7</b>  | <b>391</b>    |
|              | 10 Manufacture of food products  | 17,849          | 1,468        | 168        | 119        | 35         | 45         | 15        | 19,700        |
|              | 11 Manufacture of beverages  | 14              | 15           | 7          | 13         | 8          | 17         | 2         | 77            |
|              | 12 Manufacture of tobacco products   | 3               | 7            | -          | -          | -          | 1          | 3         | 14            |
|              | 13 Manufacture of textiles   | 625             | 51           | 4          | 6          | 4          | 10         | 8         | 708           |
|              | 14 Manufacture of wearing apparel  | 12,287          | 994          | 5          | 5          | 1          | 1          | 1         | 13,293        |
|              | 15 Manufacture of leather and related products   | 124             | 35           | 3          | 5          | 6          | 4          | -         | 177           |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 1,309           | 393          | 43         | 16         | 6          | 1          | 2         | 1,770         |
|              | 17 Manufacture of paper and paper products   | 3               | 3            | 1          | 4          | 4          | 2          | 1         | 19            |
|              | 18 Printing and reproduction of recorded media   | 80              | 40           | 12         | 23         | 5          | 8          | -         | 168           |
|              | 19 Manufacture of coke and refined petroleum products  | -               | -            | -          | 1          | 1          | 1          | -         | 3             |
|              | 20 Manufacture of chemicals and chemical products  | 21              | 27           | 14         | 8          | 6          | 10         | 2         | 87            |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -               | 2            | 1          | -          | 1          | 3          | -         | 7             |
|              | 22 Manufacture of rubber and plastics products   | 12              | 10           | 9          | 8          | 8          | 17         | -         | 65            |
|              | 23 Manufacture of other non-metallic mineral products  | 525             | 489          | 41         | 32         | 9          | 6          | 1         | 1,102         |
|              | 24 Manufacture of basic metals   | 3               | 2            | 2          | 1          | 5          | 5          | 1         | 19            |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 2,919           | 832          | 31         | 9          | 9          | 5          | -         | 3,804         |
|              | 26 Manufacture of computer, electronic and optical products  | -               | 1            | -          | -          | -          | 1          | -         | 2             |
|              | 27 Manufacture of electrical equipment   | 170             | 63           | 1          | 14         | 2          | 3          | -         | 253           |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 45              | 40           | 9          | 3          | 2          | -          | -         | 99            |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 11              | 13           | 1          | 8          | 2          | 1          | 1         | 38            |
|              | 30 Manufacture of other transport equipment  | 38              | 7            | -          | 1          | -          | 1          | -         | 47            |
|              | 31 Manufacture of furniture  | 5,478           | 1,285        | 34         | 11         | 9          | 6          | -         | 6,823         |
|              | 32 Other manufacturing   | 127             | 35           | 1          | 4          | 5          | 3          | -         | 175           |
|              | 33 Repair and installation of machinery and equipment  | 16              | 8            | 2          | -          | 1          | 1          | -         | 28            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>41,656</b>   | <b>5,820</b> | <b>391</b> | <b>290</b> | <b>127</b> | <b>151</b> | <b>38</b> | <b>48,474</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 109             | 15           | -          | 4          | 4          | 16         | 3         | 151           |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>109</b>      | <b>15</b>    | <b>-</b>   | <b>4</b>   | <b>4</b>   | <b>16</b>  | <b>3</b>  | <b>151</b>    |
|              | 36 Water collection, treatment and supply  | 77              | 61           | 33         | 27         | 15         | 9          | -         | 221           |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | 1               | 1            | -          | 1          | 2          | -          | -         | 6             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>78</b>       | <b>62</b>    | <b>33</b>  | <b>28</b>  | <b>18</b>  | <b>9</b>   | <b>-</b>  | <b>227</b>    |
| <b>Total</b> |  | <b>41,919</b>   | <b>6,002</b> | <b>493</b> | <b>412</b> | <b>170</b> | <b>199</b> | <b>48</b> | <b>49,243</b> |



**Table 5: Number of Establishments by Region and Employment Size, Tanzania Mainland, CIP-2013**

| Region        | Employment Size |              |            |            |            |            |           | Total         |
|---------------|-----------------|--------------|------------|------------|------------|------------|-----------|---------------|
|               | 1 - 4           | 5 - 9        | 10 - 19    | 20-49      | 50-99      | 100-499    | 500+      |               |
| Dodoma        | 1,608           | 212          | 15         | 9          | 2          | 4          | -         | 1,850         |
| Arusha        | 1,826           | 231          | 30         | 15         | 20         | 19         | 5         | 2,146         |
| Kilimanjaro   | 1,494           | 197          | 29         | 15         | 11         | 8          | 2         | 1,757         |
| Tanga         | 1,502           | 166          | 13         | 11         | 8          | 12         | 4         | 1,716         |
| Morogoro      | 2,627           | 403          | 17         | 17         | 1          | 5          | 7         | 3,077         |
| Pwani         | 1,216           | 234          | 8          | 9          | 1          | 5          | 1         | 1,474         |
| Dar es Salaam | 5,802           | 1,253        | 111        | 118        | 68         | 81         | 11        | 7,443         |
| Lindi         | 675             | 181          | 7          | 3          | -          | 2          | -         | 868           |
| Mtwara        | 870             | 123          | -          | 3          | 5          | 3          | -         | 1,005         |
| Ruvuma        | 3,258           | 201          | 10         | 7          | 1          | 1          | -         | 3,477         |
| Iringa        | 2,277           | 209          | 9          | 7          | 6          | 7          | 3         | 2,518         |
| Mbeya         | 2,542           | 248          | 33         | 23         | 6          | 12         | -         | 2,864         |
| Singida       | 1,389           | 219          | 33         | 13         | 2          | 1          | -         | 1,657         |
| Tabora        | 865             | 84           | 7          | 3          | 1          | 3          | -         | 963           |
| Rukwa         | 868             | 64           | 3          | 5          | 1          | -          | -         | 942           |
| Kigoma        | 841             | 102          | 9          | 1          | 1          | 2          | -         | 957           |
| Shinyanga     | 929             | 233          | 22         | 11         | 2          | 1          | 3         | 1,201         |
| Kagera        | 2,062           | 276          | 35         | 31         | 3          | 6          | 2         | 2,415         |
| Mwanza        | 1,075           | 279          | 23         | 13         | 8          | 8          | 4         | 1,410         |
| Mara          | 2,981           | 540          | 8          | 9          | 4          | 4          | 2         | 3,549         |
| Manyara       | 2,067           | 166          | 60         | 79         | 14         | 13         | 1         | 2,400         |
| Njombe        | 1,547           | 120          | -          | 4          | 2          | 1          | 1         | 1,676         |
| Katavi        | 200             | 20           | -          | 1          | -          | -          | -         | 221           |
| Simiyu        | 638             | 112          | 10         | 2          | -          | -          | -         | 762           |
| Geita         | 762             | 129          | 1          | 1          | 1          | -          | 1         | 895           |
| <b>Total</b>  | <b>41,919</b>   | <b>6,002</b> | <b>493</b> | <b>412</b> | <b>170</b> | <b>199</b> | <b>48</b> | <b>49,243</b> |



**Table 6(a): Number of Establishments by Industrial Activity and Type of Legal Organization, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4   | Industrial Activity  | Type of Legal Organization |             |           |            |             |                 |                         |           | Total        |
|--------------|--|----------------------------|-------------|-----------|------------|-------------|-----------------|-------------------------|-----------|--------------|
|              |  | Sole Proprietorship        | Partnership | Public    | Parastatal | Cooperative | Private Company | Private Company Limited | Other     |              |
| 05           | Mining of coal and lignite   | -                          | -           | -         | -          | -           | -               | 1                       | -         | 1            |
| 07           | Mining of metal ores   | 11                         | 12          | -         | -          | 1           | 1               | 7                       | -         | 32           |
| 08           | Other mining and quarrying   | 108                        | 54          | 1         | 1          | 1           | 3               | 8                       | -         | 176          |
| <b>B</b>     | <b>Mining and quarrying</b>  | <b>119</b>                 | <b>67</b>   | <b>1</b>  | <b>1</b>   | <b>2</b>    | <b>4</b>        | <b>16</b>               | <b>-</b>  | <b>210</b>   |
| 10           | Manufacture of food products   | 105                        | 151         | 6         | -          | 11          | 15              | 94                      | -         | 382          |
| 11           | Manufacture of beverages   | 5                          | 13          | -         | -          | -           | 9               | 20                      | -         | 48           |
| 12           | Manufacture of tobacco products  | -                          | -           | -         | -          | -           | -               | 4                       | -         | 4            |
| 13           | Manufacture of textiles  | 9                          | 7           | 2         | -          | 2           | 1               | 12                      | -         | 32           |
| 14           | Manufacture of wearing apparel   | 3                          | 4           | -         | -          | 2           | -               | 3                       | 1         | 13           |
| 15           | Manufacture of leather and related products  | 2                          | 1           | 1         | -          | -           | -               | 13                      | -         | 17           |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw | 32                         | 18          | 1         | -          | 1           | 2               | 13                      | -         | 68           |
| 17           | Manufacture of paper and paper products  | -                          | 2           | -         | -          | 1           | 1               | 8                       | -         | 12           |
| 18           | Printing and reproduction of recorded media  | 8                          | 7           | 2         | -          | 1           | 1               | 26                      | 3         | 48           |
| 19           | Manufacture of coke and refined petroleum products   | 1                          | 1           | -         | -          | -           | -               | 1                       | -         | 3            |
| 20           | Manufacture of chemicals and chemical products   | 7                          | 5           | 1         | -          | -           | 3               | 23                      | -         | 39           |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations                             | -                          | 1           | -         | -          | -           | 2               | 2                       | -         | 5            |
| 22           | Manufacture of rubber and plastics products  | 4                          | 8           | -         | -          | -           | 2               | 28                      | -         | 43           |
| 23           | Manufacture of other non-metallic mineral products   | 37                         | 20          | 2         | -          | 4           | -               | 24                      | 1         | 88           |
| 24           | Manufacture of basic metals  | -                          | 4           | -         | -          | -           | -               | 10                      | -         | 14           |
| 25           | Manufacture of fabricated metal products, except machinery and equipment                                 | 11                         | 14          | -         | -          | 1           | 1               | 25                      | 2         | 54           |
| 26           | Manufacture of computer, electronic and optical products   | -                          | 1           | -         | -          | -           | -               | -                       | -         | 1            |
| 27           | Manufacture of electrical equipment  | -                          | 1           | -         | -          | 12          | -               | 7                       | -         | 20           |
| 28           | Manufacture of machinery and equipment n.e.c.  | 4                          | 1           | 2         | 5          | 1           | -               | 1                       | -         | 14           |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers  | 1                          | 1           | 1         | -          | -           | -               | 10                      | -         | 14           |
| 30           | Manufacture of other transport equipment   | 1                          | 1           | -         | -          | -           | -               | -                       | -         | 2            |
| 31           | Manufacture of furniture   | 19                         | 17          | -         | -          | 6           | 1               | 15                      | 1         | 60           |
| 32           | Other manufacturing  | -                          | 3           | -         | -          | -           | -               | 10                      | -         | 13           |
| 33           | Repair and installation of machinery and equipment   | 1                          | -           | 1         | -          | -           | -               | 2                       | -         | 4            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>251</b>                 | <b>281</b>  | <b>20</b> | <b>5</b>   | <b>44</b>   | <b>38</b>       | <b>351</b>              | <b>9</b>  | <b>998</b>   |
| 35           | Electricity, gas, steam and air conditioning supply  | 1                          | -           | 2         | 21         | -           | -               | 3                       | -         | 27           |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>1</b>                   | <b>-</b>    | <b>2</b>  | <b>21</b>  | <b>-</b>    | <b>-</b>        | <b>3</b>                | <b>-</b>  | <b>27</b>    |
| 36           | Water collection, treatment and supply   | 1                          | 3           | 64        | 9          | 2           | -               | 3                       | 1         | 84           |
| 38           | Waste collection, treatment and disposal activities  | -                          | 2           | -         | -          | -           | -               | 1                       | -         | 3            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                               | <b>1</b>                   | <b>6</b>    | <b>64</b> | <b>9</b>   | <b>2</b>    | <b>-</b>        | <b>4</b>                | <b>1</b>  | <b>87</b>    |
| <b>Total</b> |  | <b>372</b>                 | <b>353</b>  | <b>87</b> | <b>36</b>  | <b>48</b>   | <b>42</b>       | <b>374</b>              | <b>10</b> | <b>1,322</b> |



**Table 6(b): Number of Establishments by Industrial Activity and Type of Legal Organization, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC Rev.4   | Industrial Activity   | Type of Legal Organization |              |           |            |             |                 |                         |           | Total         |
|--------------|---|----------------------------|--------------|-----------|------------|-------------|-----------------|-------------------------|-----------|---------------|
|              |   | Sole Proprietorship        | Partnership  | Public    | Parastatal | Cooperative | Private Company | Private Company Limited | Other     |               |
| 07           | Mining of metal ores  | 10                         | 2            | -         | -          | -           | -               | -                       | -         | 12            |
| 08           | Other mining and quarrying  | 119                        | 44           | 3         | -          | 2           | -               | -                       | 1         | 170           |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>129</b>                 | <b>46</b>    | <b>3</b>  | <b>-</b>   | <b>2</b>    | <b>-</b>        | <b>-</b>                | <b>1</b>  | <b>182</b>    |
| 10           | Manufacture of food products  | 18,127                     | 924          | 3         | 1          | 200         | 4               | 12                      | 48        | 19,318        |
| 11           | Manufacture of beverages  | 17                         | 10           | -         | -          | -           | -               | 2                       | -         | 29            |
| 12           | Manufacture of tobacco products   | 10                         | -            | -         | -          | -           | -               | -                       | -         | 10            |
| 13           | Manufacture of textiles   | 636                        | 38           | -         | -          | 1           | -               | -                       | -         | 676           |
| 14           | Manufacture of wearing apparel  | 12,588                     | 686          | -         | -          | 5           | -               | -                       | 1         | 13,280        |
| 15           | Manufacture of leather and related products   | 138                        | 17           | -         | -          | 3           | -               | 1                       | -         | 159           |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 1,541                      | 134          | -         | 1          | 16          | -               | 4                       | 5         | 1,702         |
| 17           | Manufacture of paper and paper products   | 6                          | -            | -         | -          | -           | -               | -                       | -         | 6             |
| 18           | Printing and reproduction of recorded media   | 99                         | 12           | 1         | -          | 1           | -               | 3                       | 3         | 119           |
| 20           | Manufacture of chemicals and chemical products  | 34                         | 13           | -         | -          | -           | -               | 1                       | -         | 48            |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 2                          | -            | -         | -          | -           | -               | -                       | -         | 2             |
| 22           | Manufacture of rubber and plastics products   | 18                         | 4            | -         | -          | -           | -               | -                       | -         | 22            |
| 23           | Manufacture of other non-metallic mineral products  | 908                        | 94           | -         | -          | 5           | -               | 4                       | 3         | 1,014         |
| 24           | Manufacture of basic metals   | 4                          | -            | -         | -          | 1           | -               | -                       | -         | 5             |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 3,477                      | 254          | 3         | -          | 14          | 1               | -                       | 1         | 3,751         |
| 26           | Manufacture of computer, electronic and optical products  | -                          | 1            | -         | -          | -           | -               | -                       | -         | 1             |
| 27           | Manufacture of electrical equipment   | 189                        | 36           | -         | -          | 7           | -               | -                       | 1         | 233           |
| 28           | Manufacture of machinery and equipment n.e.c.   | 74                         | 7            | 1         | 1          | -           | -               | 1                       | -         | 84            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 17                         | 3            | 3         | -          | -           | -               | 1                       | -         | 24            |
| 30           | Manufacture of other transport equipment  | 37                         | 7            | -         | -          | -           | -               | 1                       | -         | 45            |
| 31           | Manufacture of furniture  | 5,987                      | 714          | 2         | -          | 40          | -               | 2                       | 19        | 6,763         |
| 32           | Other manufacturing   | 135                        | 12           | -         | -          | 3           | -               | 11                      | -         | 162           |
| 33           | Repair and installation of machinery and equipment  | 23                         | -            | -         | -          | 1           | -               | -                       | -         | 24            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>44,068</b>              | <b>2,966</b> | <b>13</b> | <b>3</b>   | <b>299</b>  | <b>5</b>        | <b>42</b>               | <b>81</b> | <b>47,476</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 110                        | 8            | -         | -          | 6           | -               | -                       | -         | 124           |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>110</b>                 | <b>8</b>     | <b>-</b>  | <b>-</b>   | <b>6</b>    | <b>-</b>        | <b>-</b>                | <b>-</b>  | <b>124</b>    |
| 36           | Water collection, treatment and supply  | 64                         | 16           | 44        | -          | 10          | -               | -                       | 3         | 137           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 2                          | -            | -         | -          | -           | -               | -                       | -         | 2             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>67</b>                  | <b>16</b>    | <b>44</b> | <b>-</b>   | <b>10</b>   | <b>-</b>        | <b>-</b>                | <b>3</b>  | <b>140</b>    |
| <b>Total</b> |   | <b>44,374</b>              | <b>3,035</b> | <b>60</b> | <b>3</b>   | <b>317</b>  | <b>5</b>        | <b>42</b>               | <b>85</b> | <b>47,922</b> |



**Table 7(a): Number of Establishments by Industrial Activity and Year Operation Started, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4 | Industrial Activity   | Year Operation Started |            |            |            |           | Total        |
|------------|---|------------------------|------------|------------|------------|-----------|--------------|
|            |   | <1990                  | 1990-1994  | 1995-1999  | 2000-2004  | >=2005    |              |
|            | 05 Mining of coal and lignite   | -                      | -          | -          | 1          | -         | 1            |
|            | 07 Mining of metal ores   | 3                      | 4          | 7          | 17         | 1         | 32           |
|            | 08 Other mining and quarrying   | 21                     | 42         | 32         | 59         | 22        | 176          |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>24</b>              | <b>47</b>  | <b>39</b>  | <b>77</b>  | <b>23</b> | <b>210</b>   |
|            | 10 Manufacture of food products   | 38                     | 64         | 73         | 187        | 21        | 382          |
|            | 11 Manufacture of beverages   | 7                      | 7          | 9          | 19         | 5         | 48           |
|            | 12 Manufacture of tobacco products  | 2                      | 1          | -          | 1          | -         | 4            |
|            | 13 Manufacture of textiles  | 6                      | 4          | 12         | 11         | -         | 32           |
|            | 14 Manufacture of wearing apparel   | -                      | 2          | 2          | 9          | -         | 13           |
|            | 15 Manufacture of leather and related products  | 2                      | -          | 2          | 10         | 3         | 17           |
|            | 16 Manufacture of wood and of products of wood and cork, except furniture;<br>manufacture of articles of straw and plaiting materials | 11                     | 11         | 14         | 27         | 5         | 68           |
|            | 17 Manufacture of paper and paper products  | 3                      | 4          | 2          | 3          | -         | 12           |
|            | 18 Printing and reproduction of recorded media  | 17                     | 7          | 4          | 15         | 5         | 48           |
|            | 19 Manufacture of coke and refined petroleum products   | -                      | -          | -          | 3          | -         | 3            |
|            | 20 Manufacture of chemicals and chemical products   | 13                     | 5          | 4          | 14         | 2         | 39           |
|            | 21 Manufacture of basic pharmaceutical products and pharmaceutical<br>preparations  | 2                      | 2          | 1          | -          | -         | 5            |
|            | 22 Manufacture of rubber and plastics products  | 3                      | 4          | 6          | 24         | 5         | 43           |
|            | 23 Manufacture of other non-metallic mineral products   | 8                      | 11         | 6          | 60         | 3         | 88           |
|            | 24 Manufacture of basic metals  | -                      | 2          | 4          | 7          | 1         | 14           |
|            | 25 Manufacture of fabricated metal products, except machinery and equipment   | 13                     | 9          | 7          | 23         | 2         | 54           |
|            | 26 Manufacture of computer, electronic and optical products   | 1                      | -          | -          | -          | -         | 1            |
|            | 27 Manufacture of electrical equipment  | 4                      | 1          | 2          | 13         | -         | 20           |
|            | 28 Manufacture of machinery and equipment n.e.c.  | 9                      | -          | 1          | 2          | 2         | 14           |
|            | 29 Manufacture of motor vehicles, trailers and semi-trailers  | 9                      | -          | 1          | 2          | 1         | 14           |
|            | 30 Manufacture of other transport equipment   | 1                      | -          | -          | -          | 1         | 2            |
|            | 31 Manufacture of furniture   | 17                     | 6          | 10         | 23         | 3         | 60           |
|            | 32 Other manufacturing  | 3                      | 1          | 3          | 6          | -         | 13           |
|            | 33 Repair and installation of machinery and equipment   | 4                      | -          | -          | -          | -         | 4            |
| <b>C</b>   | <b>Manufacturing</b>  | <b>174</b>             | <b>141</b> | <b>162</b> | <b>460</b> | <b>60</b> | <b>998</b>   |
|            | 35 Electricity, gas, steam and air conditioning supply  | 24                     | -          | 1          | 2          | -         | 27           |
| <b>D</b>   | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>24</b>              | <b>-</b>   | <b>1</b>   | <b>2</b>   | <b>-</b>  | <b>27</b>    |
|            | 36 Water collection, treatment and supply   | 9                      | 21         | 28         | 27         | -         | 84           |
|            | 38 Waste collection, treatment and disposal activities; materials recovery  | -                      | -          | -          | 3          | -         | 3            |
| <b>E</b>   | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>9</b>               | <b>21</b>  | <b>28</b>  | <b>30</b>  | <b>-</b>  | <b>87</b>    |
|            | <b>Total</b>  | <b>231</b>             | <b>209</b> | <b>230</b> | <b>569</b> | <b>83</b> | <b>1,322</b> |



**Table 7(b): Number of Establishments by Industrial Activity and Year Operation Started, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC Rev.4   | Industrial Activity   | Year Operation Started |              |              |               |              | Total         |
|--------------|---|------------------------|--------------|--------------|---------------|--------------|---------------|
|              |   | <1990                  | 1990-1994    | 1995-1999    | 2000-2004     | >=2005       |               |
| 07           | Mining of metal ores  | 2                      | 1            | 1            | 8             | -            | 12            |
| 08           | Other mining and quarrying  | 17                     | 11           | 23           | 109           | 10           | 170           |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>19</b>              | <b>12</b>    | <b>24</b>    | <b>117</b>    | <b>10</b>    | <b>182</b>    |
| 10           | Manufacture of food products  | 523                    | 1,257        | 2,236        | 14,973        | 329          | 19,318        |
| 11           | Manufacture of beverages  | -                      | 3            | 4            | 20            | 2            | 29            |
| 12           | Manufacture of tobacco products   | 2                      | -            | -            | 7             | 1            | 10            |
| 13           | Manufacture of textiles   | 8                      | 23           | 72           | 565           | 9            | 676           |
| 14           | Manufacture of wearing apparel  | 591                    | 696          | 1,841        | 9,824         | 328          | 13,280        |
| 15           | Manufacture of leather and related products   | 13                     | 8            | 33           | 93            | 12           | 159           |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 99                     | 121          | 213          | 1,211         | 58           | 1,702         |
| 17           | Manufacture of paper and paper products   | -                      | 1            | 3            | 3             | -            | 6             |
| 18           | Printing and reproduction of recorded media   | 6                      | 8            | 12           | 91            | 3            | 119           |
| 20           | Manufacture of chemicals and chemical products  | -                      | 2            | 4            | 41            | 1            | 48            |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -                      | -            | -            | 2             | -            | 2             |
| 22           | Manufacture of rubber and plastics products   | 1                      | 1            | 2            | 17            | -            | 22            |
| 23           | Manufacture of other non-metallic mineral products  | 12                     | 28           | 68           | 892           | 15           | 1,014         |
| 24           | Manufacture of basic metals   | 1                      | 1            | 1            | 1             | 1            | 5             |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 154                    | 220          | 424          | 2,870         | 81           | 3,751         |
| 26           | Manufacture of computer, electronic and optical products  | 1                      | -            | -            | -             | -            | 1             |
| 27           | Manufacture of electrical equipment   | 27                     | 26           | 37           | 126           | 16           | 233           |
| 28           | Manufacture of machinery and equipment n.e.c.   | 6                      | 3            | 9            | 54            | 13           | 84            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 5                      | 4            | 6            | 9             | -            | 24            |
| 30           | Manufacture of other transport equipment  | 6                      | 4            | 14           | 16            | 5            | 45            |
| 31           | Manufacture of furniture  | 426                    | 653          | 1,150        | 4,118         | 417          | 6,763         |
| 32           | Other manufacturing   | 7                      | 14           | 17           | 119           | 5            | 162           |
| 33           | Repair and installation of machinery and equipment  | 3                      | 3            | 6            | 8             | 4            | 24            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>1,890</b>           | <b>3,077</b> | <b>6,150</b> | <b>35,059</b> | <b>1,300</b> | <b>47,476</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 1                      | 4            | 12           | 105           | 1            | 124           |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>1</b>               | <b>4</b>     | <b>12</b>    | <b>105</b>    | <b>1</b>     | <b>124</b>    |
| 36           | Water collection, treatment and supply  | 22                     | 7            | 19           | 82            | 7            | 137           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -                      | -            | 1            | 1             | -            | 2             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>22</b>              | <b>7</b>     | <b>20</b>    | <b>84</b>     | <b>7</b>     | <b>140</b>    |
| <b>Total</b> |   | <b>1,931</b>           | <b>3,100</b> | <b>6,207</b> | <b>35,365</b> | <b>1,319</b> | <b>47,922</b> |



**Table 8(a): Number of Establishments by Region and Year Operation Started, Tanzania Mainland, CIP-2013 (10+)**

| Region        | Year Operation Started |           |            |            |            | Total        |
|---------------|------------------------|-----------|------------|------------|------------|--------------|
|               | <1990                  | 1990-1994 | 1995-1999  | 2000-2004  | >=2005     |              |
| Dodoma        | 3                      | -         | 2          | 6          | 18         | 30           |
| Arusha        | 29                     | 7         | 15         | 18         | 20         | 89           |
| Kilimanjaro   | 12                     | 9         | 8          | 13         | 24         | 66           |
| Tanga         | 14                     | -         | 10         | 12         | 13         | 48           |
| Morogoro      | 13                     | 4         | 6          | 4          | 20         | 48           |
| Pwani         | 3                      | -         | 2          | 4          | 14         | 24           |
| Dar es Salaam | 75                     | 22        | 54         | 54         | 183        | 389          |
| Lindi         | 3                      | -         | 1          | 3          | 5          | 12           |
| Mtwara        | 3                      | 1         | 4          | -          | 3          | 12           |
| Ruvuma        | 6                      | 1         | 2          | 5          | 3          | 18           |
| Iringa        | 10                     | 2         | 3          | 6          | 12         | 32           |
| Mbeya         | 11                     | 1         | 2          | 18         | 41         | 73           |
| Singida       | 2                      | 2         | 3          | 14         | 28         | 49           |
| Tabora        | 3                      | -         | 3          | 4          | 4          | 14           |
| Rukwa         | 1                      | -         | 2          | -          | 7          | 10           |
| Kigoma        | 2                      | 1         | 2          | 3          | 5          | 13           |
| Shinyanga     | 5                      | -         | 1          | 8          | 26         | 40           |
| Kagera        | 5                      | 1         | 25         | 9          | 37         | 77           |
| Mwanza        | 10                     | 11        | 6          | 7          | 22         | 57           |
| Mara          | 2                      | -         | 7          | 4          | 15         | 28           |
| Manyara       | 16                     | 21        | 44         | 30         | 57         | 167          |
| Njombe        | 1                      | -         | -          | 3          | 4          | 9            |
| Katavi        | -                      | -         | -          | 1          | -          | 1            |
| Simiyu        | 1                      | -         | 3          | 2          | 6          | 12           |
| Geita         | 1                      | -         | 1          | 1          | 1          | 4            |
| <b>Total</b>  | <b>231</b>             | <b>83</b> | <b>209</b> | <b>230</b> | <b>569</b> | <b>1,322</b> |



**Table 8(b): Number of Establishments by Region and Year Operation Started, Tanzania Mainland, CIP-2013 (1-9)**

| Region        | Year Operation Started |              |              |              |               | Total         |
|---------------|------------------------|--------------|--------------|--------------|---------------|---------------|
|               | <1990                  | 1990-1994    | 1995-1999    | 2000-2004    | >=2005        |               |
| Dodoma        | 51                     | 41           | 98           | 226          | 1,404         | 1,820         |
| Arusha        | 49                     | 63           | 77           | 230          | 1,639         | 2,057         |
| Kilimanjaro   | 131                    | 39           | 193          | 300          | 1,028         | 1,691         |
| Tanga         | 115                    | 113          | 127          | 169          | 1,144         | 1,668         |
| Morogoro      | 98                     | 92           | 161          | 436          | 2,242         | 3,029         |
| Pwani         | 87                     | 56           | 90           | 119          | 1,098         | 1,450         |
| Dar es Salaam | 128                    | 99           | 279          | 649          | 5,900         | 7,054         |
| Lindi         | 39                     | 34           | 41           | 144          | 597           | 856           |
| Mtwara        | 15                     | 21           | 48           | 141          | 768           | 993           |
| Ruvuma        | 325                    | 185          | 377          | 513          | 2,058         | 3,459         |
| Iringa        | 109                    | 35           | 160          | 402          | 1,780         | 2,486         |
| Mbeya         | 98                     | 70           | 215          | 304          | 2,103         | 2,790         |
| Singida       | 56                     | 60           | 130          | 214          | 1,147         | 1,608         |
| Tabora        | 34                     | 29           | 44           | 149          | 693           | 949           |
| Rukwa         | 45                     | 35           | 97           | 113          | 641           | 932           |
| Kigoma        | 32                     | 61           | 79           | 138          | 633           | 944           |
| Shinyanga     | 26                     | 38           | 72           | 166          | 859           | 1,161         |
| Kagera        | 131                    | 61           | 153          | 390          | 1,603         | 2,338         |
| Mwanza        | 20                     | 27           | 56           | 164          | 1,087         | 1,354         |
| Mara          | 201                    | 54           | 156          | 406          | 2,703         | 3,521         |
| Manyara       | 36                     | 33           | 158          | 322          | 1,683         | 2,232         |
| Njombe        | 73                     | 47           | 198          | 201          | 1,149         | 1,667         |
| Katavi        | 3                      | 4            | 29           | 36           | 147           | 220           |
| Simiyu        | 28                     | 19           | 24           | 120          | 559           | 750           |
| Geita         | -                      | -            | 37           | 156          | 698           | 891           |
| <b>Total</b>  | <b>1,931</b>           | <b>1,319</b> | <b>3,100</b> | <b>6,207</b> | <b>35,365</b> | <b>47,922</b> |



**Table 9(a): Number of Persons Engaged by Industrial Activity and Region, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4   | Industrial Activity  | Arusha        | Dar es Salaam | Iringa       | Kagera       | Manyara      | Mara         | Mbeya        | Morogoro      | Ruvuma     | Others        | Total          |
|--------------|--|---------------|---------------|--------------|--------------|--------------|--------------|--------------|---------------|------------|---------------|----------------|
|              | 05 Mining of coal and lignite  | -             | -             | -            | -            | -            | -            | 77           | -             | -          | -             | 77             |
|              | 07 Mining of metal ores  | -             | -             | 106          | -            | 27           | 1,979        | 437          | -             | -          | 7,220         | 9,769          |
|              | 08 Other mining and quarrying  | -             | 272           | -            | 38           | 6,417        | 168          | 571          | 24            | -          | 1,580         | 9,072          |
| <b>B</b>     | <b>Mining and Quarrying</b>  | -             | <b>272</b>    | <b>106</b>   | <b>38</b>    | <b>6,445</b> | <b>2,147</b> | <b>1,085</b> | <b>24</b>     | -          | <b>8,801</b>  | <b>18,917</b>  |
|              | 10 Manufacture of food products  | 2,074         | 7,805         | 2,028        | 8,700        | 388          | 1,060        | 1,075        | 6,348         | 199        | 10,355        | 40,031         |
|              | 11 Manufacture of beverages  | 1,126         | 2,807         | 132          | 33           | -            | -            | 654          | 24            | -          | 2,084         | 6,859          |
|              | 12 Manufacture of tobacco products   | -             | 669           | -            | -            | -            | -            | -            | 4,391         | -          | -             | 5,061          |
|              | 13 Manufacture of textiles   | 6,099         | 2,165         | -            | -            | -            | 72           | 15           | 2,268         | -          | 5,447         | 16,067         |
|              | 14 Manufacture of wearing apparel  | -             | 256           | 92           | 20           | -            | 23           | 23           | 1,302         | -          | 27            | 1,743          |
|              | 15 Manufacture of leather and related products   | 14            | 871           | -            | -            | -            | -            | -            | -             | -          | 330           | 1,215          |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 115           | 446           | 1,040        | -            | -            | -            | -            | 221           | -          | 1,948         | 3,769          |
|              | 17 Manufacture of paper and paper products   | 84            | 424           | 1,507        | -            | -            | -            | -            | -             | -          | 213           | 2,228          |
|              | 18 Printing and reproduction of recorded media   | 141           | 2,455         | -            | 11           | -            | 10           | -            | 46            | 18         | 168           | 2,849          |
|              | 19 Manufacture of coke and refined petroleum products  | -             | 223           | -            | -            | -            | -            | -            | -             | -          | 20            | 243            |
|              | 20 Manufacture of chemicals and chemical products  | -             | 4,167         | 150          | 26           | 26           | -            | 120          | -             | -          | 1,891         | 6,380          |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -             | 778           | -            | -            | -            | -            | -            | -             | -          | -             | 778            |
|              | 22 Manufacture of rubber and plastics products   | 466           | 3,032         | -            | -            | -            | -            | -            | 131           | -          | 615           | 4,243          |
|              | 23 Manufacture of other non-metallic mineral products  | 371           | 2,057         | -            | 54           | -            | 49           | 393          | 72            | -          | 1,551         | 4,548          |
|              | 24 Manufacture of basic metals   | 524           | 1,111         | -            | -            | -            | -            | -            | -             | -          | 539           | 2,174          |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 321           | 1,486         | -            | 13           | -            | -            | -            | 66            | -          | 303           | 2,189          |
|              | 26 Manufacture of computer, electronic and optical products  | 115           | -             | -            | -            | -            | -            | -            | -             | -          | -             | 115            |
|              | 27 Manufacture of electrical equipment   | 53            | 883           | -            | -            | -            | -            | 13           | -             | -          | -             | 949            |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 209           | 37            | 18           | -            | -            | -            | 24           | 42            | -          | 29            | 358            |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 62            | 497           | -            | -            | -            | -            | -            | -             | -          | 713           | 1,272          |
|              | 30 Manufacture of other transport equipment  | -             | 158           | -            | -            | -            | -            | -            | -             | -          | 41            | 199            |
|              | 31 Manufacture of furniture  | 219           | 2,020         | 15           | -            | 17           | 29           | 43           | -             | 40         | 595           | 2,977          |
|              | 32 Other manufacturing   | -             | 999           | -            | -            | -            | -            | -            | -             | -          | 167           | 1,166          |
|              | 33 Repair and installation of machinery and equipment  | -             | 306           | -            | -            | -            | -            | -            | -             | -          | 11            | 317            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>11,994</b> | <b>35,652</b> | <b>4,982</b> | <b>8,857</b> | <b>431</b>   | <b>1,243</b> | <b>2,360</b> | <b>14,910</b> | <b>256</b> | <b>27,047</b> | <b>107,732</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 418           | 2,477         | 345          | 60           | 54           | 179          | 435          | 479           | 126        | 3,341         | 7,915          |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>418</b>    | <b>2,477</b>  | <b>345</b>   | <b>60</b>    | <b>54</b>    | <b>179</b>   | <b>435</b>   | <b>479</b>    | <b>126</b> | <b>3,341</b>  | <b>7,915</b>   |
|              | 36 Water collection, treatment and supply  | 218           | 66            | 108          | 77           | 96           | 78           | 504          | 308           | 155        | 2,484         | 4,094          |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | -             | 154           | -            | -            | -            | -            | -            | -             | -          | 74            | 228            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>218</b>    | <b>220</b>    | <b>108</b>   | <b>77</b>    | <b>96</b>    | <b>78</b>    | <b>504</b>   | <b>308</b>    | <b>155</b> | <b>2,558</b>  | <b>4,322</b>   |
| <b>Total</b> |  | <b>12,630</b> | <b>38,622</b> | <b>5,541</b> | <b>9,033</b> | <b>7,025</b> | <b>3,647</b> | <b>4,383</b> | <b>15,722</b> | <b>537</b> | <b>41,747</b> | <b>138,887</b> |



**Table 9(b): Number of Persons Engaged by Industrial Activity and Region, Tanzania Mainland, CIP-2013 (1 - 9)**

| Industrial Activity |   | Arusha       | Dar es Salaam | Iringa       | Kagera       | Manyara      | Mara          | Mbeya        | Morogoro     | Ruvuma       | Others        | Total          |
|---------------------|---|--------------|---------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|---------------|----------------|
| 07                  | Mining of metal ores  | -            | -             | -            | -            | 9            | 30            | 5            | -            | -            | 30            | 74             |
| 08                  | Other mining and quarrying  | 4            | 14            | 28           | 98           | 87           | 174           | 2            | -            | 5            | 504           | 915            |
| <b>B</b>            | <b>Minind and Quarrying</b>   | <b>4</b>     | <b>14</b>     | <b>28</b>    | <b>98</b>    | <b>96</b>    | <b>204</b>    | <b>7</b>     | <b>-</b>     | <b>5</b>     | <b>534</b>    | <b>989</b>     |
| 10                  | Manufacture of food products  | 1,802        | 1,858         | 2,328        | 1,160        | 2,749        | 4,948         | 3,232        | 3,608        | 4,176        | 19,439        | 45,299         |
| 11                  | Manufacture of beverages  | 4            | -             | 13           | 12           | 3            | 15            | 10           | 4            | -            | 83            | 145            |
| 12                  | Manufacture of tobacco products   | -            | -             | 41           | -            | -            | 8             | -            | -            | -            | -             | 49             |
| 13                  | Manufacture of textiles   | 15           | 893           | 43           | 65           | 9            | 24            | 80           | 65           | 32           | 422           | 1,648          |
| 14                  | Manufacture of wearing apparel  | 694          | 5,817         | 880          | 1,800        | 892          | 3,240         | 618          | 1,457        | 1,032        | 12,365        | 28,795         |
| 15                  | Manufacture of leather and related products   | 54           | 179           | 14           | 1            | 11           | 43            | 39           | 38           | 19           | 112           | 510            |
| 16                  | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 109          | 1,139         | 313          | 126          | 85           | 199           | 600          | 309          | 91           | 2,677         | 5,649          |
| 17                  | Manufacture of paper and paper products   | -            | 24            | 1            | -            | -            | -             | -            | -            | -            | -             | 25             |
| 18                  | Printing and reproduction of recorded media   | 19           | 349           | 12           | 18           | -            | -             | 13           | -            | 2            | 77            | 490            |
| 20                  | Manufacture of chemicals and chemical products  | 21           | 38            | -            | 3            | -            | 20            | 50           | -            | -            | 133           | 265            |
| 21                  | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -            | 6             | -            | -            | -            | 6             | -            | -            | -            | -             | 12             |
| 22                  | Manufacture of rubber and plastics products   | -            | 73            | 1            | -            | -            | -             | 6            | 14           | -            | 4             | 99             |
| 23                  | Manufacture of other non-metallic mineral products  | 579          | 2,271         | 34           | 191          | 36           | 57            | 37           | 121          | 5            | 1,505         | 4,836          |
| 24                  | Manufacture of basic metals   | -            | 7             | -            | -            | -            | -             | -            | -            | 9            | 4             | 20             |
| 25                  | Manufacture of fabricated metal products, except machinery and equipment  | 810          | 4,139         | 403          | 458          | 495          | 855           | 569          | 867          | 191          | 3,914         | 12,700         |
| 26                  | Manufacture of computer, electronic and optical products  | -            | -             | -            | -            | -            | -             | -            | -            | -            | 9             | 9              |
| 27                  | Manufacture of electrical equipment   | 8            | 351           | 6            | 45           | 22           | 58            | 23           | 81           | 44           | 154           | 791            |
| 28                  | Manufacture of machinery and equipment n.e.c.   | 19           | 111           | 28           | -            | -            | 3             | 27           | 15           | 28           | 136           | 367            |
| 29                  | Manufacture of motor vehicles, trailers and semi-trailers   | 5            | 40            | 12           | -            | 5            | 13            | -            | 15           | -            | 29            | 119            |
| 30                  | Manufacture of other transport equipment  | 5            | 9             | -            | 12           | 14           | 9             | 3            | -            | 6            | 73            | 131            |
| 31                  | Manufacture of furniture  | 850          | 4,199         | 1,039        | 1,433        | 556          | 1,064         | 1,192        | 1,582        | 1,817        | 7,029         | 20,762         |
| 32                  | Other manufacturing   | 42           | 358           | 5            | 14           | 3            | -             | 18           | 9            | -            | 95            | 543            |
| 33                  | Repair and installation of machinery and equipment  | -            | 41            | 8            | -            | 9            | -             | -            | -            | -            | 42            | 101            |
| <b>C</b>            | <b>Manufacturing</b>  | <b>5,037</b> | <b>21,902</b> | <b>5,182</b> | <b>5,338</b> | <b>4,888</b> | <b>10,563</b> | <b>6,517</b> | <b>8,184</b> | <b>7,452</b> | <b>48,303</b> | <b>123,366</b> |
| 35                  | Electricity, gas, steam and air conditioning supply   | 3            | 21            | 49           | -            | 4            | 4             | 41           | 47           | -            | 166           | 335            |
| <b>D</b>            | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>3</b>     | <b>21</b>     | <b>49</b>    | <b>-</b>     | <b>4</b>     | <b>4</b>      | <b>41</b>    | <b>47</b>    | <b>-</b>     | <b>166</b>    | <b>335</b>     |
| 36                  | Water collection, treatment and supply  | 16           | 196           | 8            | -            | 8            | -             | -            | 48           | 26           | 329           | 632            |
| 38                  | Waste collection, treatment and disposal activities; materials recovery   | 11           | -             | -            | -            | -            | -             | -            | -            | -            | 3             | 14             |
| <b>E</b>            | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>27</b>    | <b>196</b>    | <b>8</b>     | <b>-</b>     | <b>8</b>     | <b>-</b>      | <b>-</b>     | <b>48</b>    | <b>26</b>    | <b>332</b>    | <b>646</b>     |
| <b>Total</b>        |   | <b>5,071</b> | <b>22,132</b> | <b>5,267</b> | <b>5,435</b> | <b>4,996</b> | <b>10,771</b> | <b>6,565</b> | <b>8,279</b> | <b>7,483</b> | <b>49,334</b> | <b>125,336</b> |



**Table 10(a): Number of Persons Engaged by Industrial Activity and Form of Ownership, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4   | Industrial Activity  | Public        | Private        | Mixed        | Total          |
|--------------|--|---------------|----------------|--------------|----------------|
|              | 05 Mining of coal and lignite  | -             | 77             | -            | 77             |
|              | 07 Mining of metal ores  | 360           | 9,408          | -            | 9,769          |
|              | 08 Other mining and quarrying  | 222           | 8,154          | 695          | 9,072          |
| <b>B</b>     | <b>Mining and Quarrying</b>  | <b>583</b>    | <b>17,640</b>  | <b>695</b>   | <b>18,917</b>  |
|              | 10 Manufacture of food products  | 1,069         | 37,725         | 1,237        | 40,031         |
|              | 11 Manufacture of beverages  | -             | 5,346          | 1,513        | 6,859          |
|              | 12 Manufacture of tobacco products   | -             | 4,513          | 547          | 5,061          |
|              | 13 Manufacture of textiles   | 697           | 15,341         | 28           | 16,067         |
|              | 14 Manufacture of wearing apparel  | -             | 1,743          | -            | 1,743          |
|              | 15 Manufacture of leather and related products   | 132           | 1,004          | 79           | 1,215          |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 13            | 3,756          | -            | 3,769          |
|              | 17 Manufacture of paper and paper products   | -             | 2,228          | -            | 2,228          |
|              | 18 Printing and reproduction of recorded media   | 284           | 2,566          | -            | 2,849          |
|              | 19 Manufacture of coke and refined petroleum products  | -             | 243            | -            | 243            |
|              | 20 Manufacture of chemicals and chemical products  | 65            | 6,297          | 18           | 6,380          |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -             | 778            | -            | 778            |
|              | 22 Manufacture of rubber and plastics products   | -             | 4,243          | -            | 4,243          |
|              | 23 Manufacture of other non-metallic mineral products  | 76            | 4,131          | 341          | 4,548          |
|              | 24 Manufacture of basic metals   | -             | 2,174          | -            | 2,174          |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 14            | 2,158          | 17           | 2,189          |
|              | 26 Manufacture of computer, electronic and optical products  | -             | 115            | -            | 115            |
|              | 27 Manufacture of electrical equipment   | -             | 893            | 56           | 949            |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 240           | 118            | -            | 358            |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 713           | 559            | -            | 1,272          |
|              | 30 Manufacture of other transport equipment  | -             | 199            | -            | 199            |
|              | 31 Manufacture of furniture  | -             | 2,445          | 532          | 2,977          |
|              | 32 Other manufacturing   | -             | 1,166          | -            | 1,166          |
|              | 33 Repair and installation of machinery and equipment  | -             | 76             | 241          | 317            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>3,304</b>  | <b>99,819</b>  | <b>4,609</b> | <b>107,732</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 7,658         | 257            | -            | 7,915          |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>   | <b>7,658</b>  | <b>257</b>     | <b>-</b>     | <b>7,915</b>   |
|              | 36 Water collection, treatment and supply  | 3,689         | 405            | -            | 4,094          |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | -             | 228            | -            | 228            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>3,689</b>  | <b>633</b>     | <b>-</b>     | <b>4,322</b>   |
| <b>Total</b> |  | <b>15,234</b> | <b>118,349</b> | <b>5,304</b> | <b>138,887</b> |



**Table 10(b): Number of Persons Engaged by Industrial Activity and Form of Ownership, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC Rev. 4  | Industrial Activity   | Public     | Private        | Mixed     | Total          |
|--------------|---|------------|----------------|-----------|----------------|
| 07           | Mining of metal ores  | -          | 74             | -         | 74             |
| 08           | Other mining and quarrying  | 13         | 902            | -         | 915            |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>13</b>  | <b>976</b>     | <b>-</b>  | <b>989</b>     |
| 10           | Manufacture of food products  | 30         | 45,263         | 6         | 45,299         |
| 11           | Manufacture of beverages  | -          | 145            | -         | 145            |
| 12           | Manufacture of tobacco products   | -          | 49             | -         | 49             |
| 13           | Manufacture of textiles   | 9          | 1,639          | -         | 1,648          |
| 14           | Manufacture of wearing apparel  | 2          | 28,793         | -         | 28,795         |
| 15           | Manufacture of leather and related products   | -          | 510            | -         | 510            |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 4          | 5,645          | -         | 5,649          |
| 17           | Manufacture of paper and paper products   | -          | 25             | -         | 25             |
| 18           | Printing and reproduction of recorded media   | 19         | 471            | -         | 490            |
| 20           | Manufacture of chemicals and chemical products  | -          | 265            | -         | 265            |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -          | 12             | -         | 12             |
| 22           | Manufacture of rubber and plastics products   | -          | 99             | -         | 99             |
| 23           | Manufacture of other non-metallic mineral products  | 7          | 4,829          | -         | 4,836          |
| 24           | Manufacture of basic metals   | -          | 20             | -         | 20             |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 25         | 12,668         | 7         | 12,700         |
| 26           | Manufacture of computer, electronic and optical products  | -          | 9              | -         | 9              |
| 27           | Manufacture of electrical equipment   | -          | 791            | -         | 791            |
| 28           | Manufacture of machinery and equipment n.e.c.   | 13         | 354            | -         | 367            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 16         | 103            | -         | 119            |
| 30           | Manufacture of other transport equipment  | 9          | 122            | -         | 131            |
| 31           | Manufacture of furniture  | 110        | 20,652         | -         | 20,762         |
| 32           | Other manufacturing   | -          | 540            | 3         | 543            |
| 33           | Repair and installation of machinery and equipment  | -          | 101            | -         | 101            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>245</b> | <b>123,105</b> | <b>16</b> | <b>123,366</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 3          | 332            | -         | 335            |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>3</b>   | <b>332</b>     | <b>-</b>  | <b>335</b>     |
| 36           | Water collection, treatment and supply  | 268        | 364            | -         | 632            |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -          | 14             | -         | 14             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>268</b> | <b>378</b>     | <b>-</b>  | <b>646</b>     |
| <b>Total</b> |   | <b>529</b> | <b>124,790</b> | <b>16</b> | <b>125,336</b> |



**Table 11(a): Number of Persons Engaged by Industrial Activity and Origin of Ownership, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4   | Industrial Activity   | National      | Foreign       | Joint         | Total          |
|--------------|---|---------------|---------------|---------------|----------------|
| 05           | Mining of coal and lignite  | -             | 77            | -             | 77             |
| 07           | Mining of metal ores  | 1,325         | 8,444         | -             | 9,769          |
| 08           | Other mining and quarrying  | 7,402         | 374           | 1,295         | 9,072          |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>8,727</b>  | <b>8,896</b>  | <b>1,295</b>  | <b>18,917</b>  |
| 10           | Manufacture of food products  | 26,823        | 5,455         | 7,752         | 40,031         |
| 11           | Manufacture of beverages  | 2,486         | 1,579         | 2,794         | 6,859          |
| 12           | Manufacture of tobacco products   | -             | 4,391         | 669           | 5,061          |
| 13           | Manufacture of textiles   | 5,051         | 10,930        | 86            | 16,067         |
| 14           | Manufacture of wearing apparel  | 376           | 1,347         | 20            | 1,743          |
| 15           | Manufacture of leather and related products   | 702           | 435           | 79            | 1,215          |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 943           | 2,357         | 469           | 3,769          |
| 17           | Manufacture of paper and paper products   | 461           | 1,767         | -             | 2,228          |
| 18           | Printing and reproduction of recorded media   | 2,092         | 119           | 638           | 2,849          |
| 19           | Manufacture of coke and refined petroleum products  | -             | 223           | 20            | 243            |
| 20           | Manufacture of chemicals and chemical products  | 5,975         | 223           | 182           | 6,380          |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 189           | 589           | -             | 778            |
| 22           | Manufacture of rubber and plastics products   | 2,432         | 1,449         | 363           | 4,243          |
| 23           | Manufacture of other non-metallic mineral products  | 2,667         | 210           | 1,671         | 4,548          |
| 24           | Manufacture of basic metals   | 741           | 89            | 1,344         | 2,174          |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 1,612         | 305           | 272           | 2,189          |
| 26           | Manufacture of computer, electronic and optical products  | -             | 115           | -             | 115            |
| 27           | Manufacture of electrical equipment   | 673           | 168           | 109           | 949            |
| 28           | Manufacture of machinery and equipment n.e.c.   | 358           | -             | -             | 358            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 1,272         | -             | -             | 1,272          |
| 30           | Manufacture of other transport equipment  | 199           | -             | -             | 199            |
| 31           | Manufacture of furniture  | 2,396         | 35            | 546           | 2,977          |
| 32           | Other manufacturing   | 437           | 729           | -             | 1,166          |
| 33           | Repair and installation of machinery and equipment  | 76            | -             | 241           | 317            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>57,961</b> | <b>32,517</b> | <b>17,255</b> | <b>107,732</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 7,842         | -             | 73            | 7,915          |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>7,842</b>  | <b>-</b>      | <b>73</b>     | <b>7,915</b>   |
| 36           | Water collection, treatment and supply  | 4,073         | 21            | -             | 4,094          |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -             | 228           | -             | 228            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>4,073</b>  | <b>249</b>    | <b>-</b>      | <b>4,322</b>   |
| <b>Total</b> |   | <b>78,603</b> | <b>41,661</b> | <b>18,623</b> | <b>138,887</b> |



**Table 11(b): Number of Persons Engaged by Industrial Activity and Origin of Ownership, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC Rev.4   | Industrial Activity  | National       | Foreign    | Joint     | Total          |
|--------------|--|----------------|------------|-----------|----------------|
|              | 07 Mining of metal ores  | 74             | -          | -         | 74             |
|              | 08 Other mining and quarrying  | 915            | -          | -         | 915            |
| <b>B</b>     | <b>Mining and Quarrying</b>  | <b>989</b>     | <b>-</b>   | <b>-</b>  | <b>989</b>     |
|              | 10 Manufacture of food products  | 45,260         | 32         | 7         | 45,299         |
|              | 11 Manufacture of beverages  | 136            | 9          | -         | 145            |
|              | 12 Manufacture of tobacco products   | 49             | -          | -         | 49             |
|              | 13 Manufacture of textiles   | 1,648          | -          | -         | 1,648          |
|              | 14 Manufacture of wearing apparel  | 28,748         | 47         | -         | 28,795         |
|              | 15 Manufacture of leather and related products   | 510            | -          | -         | 510            |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 5,636          | 5          | 7         | 5,649          |
|              | 17 Manufacture of paper and paper products   | 25             | -          | -         | 25             |
|              | 18 Printing and reproduction of recorded media   | 480            | 10         | -         | 490            |
|              | 20 Manufacture of chemicals and chemical products  | 265            | -          | -         | 265            |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 12             | -          | -         | 12             |
|              | 22 Manufacture of rubber and plastics products   | 99             | -          | -         | 99             |
|              | 23 Manufacture of other non-metallic mineral products  | 4,833          | 3          | -         | 4,836          |
|              | 24 Manufacture of basic metals   | 20             | -          | -         | 20             |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 12,664         | 17         | 19        | 12,700         |
|              | 26 Manufacture of computer, electronic and optical products  | 9              | -          | -         | 9              |
|              | 27 Manufacture of electrical equipment   | 791            | -          | -         | 791            |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 358            | 9          | -         | 367            |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 119            | -          | -         | 119            |
|              | 30 Manufacture of other transport equipment  | 131            | -          | -         | 131            |
|              | 31 Manufacture of furniture  | 20,747         | 15         | -         | 20,762         |
|              | 32 Other manufacturing   | 537            | 6          | -         | 543            |
|              | 33 Repair and installation of machinery and equipment  | 101            | -          | -         | 101            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>123,179</b> | <b>153</b> | <b>34</b> | <b>123,366</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 330            | 5          | -         | 335            |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>330</b>     | <b>5</b>   | <b>-</b>  | <b>335</b>     |
|              | 36 Water collection, treatment and supply  | 628            | 3          | -         | 632            |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | 14             | -          | -         | 14             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>642</b>     | <b>3</b>   | <b>-</b>  | <b>646</b>     |
| <b>Total</b> |  | <b>125,141</b> | <b>161</b> | <b>34</b> | <b>125,336</b> |



**Table 12: Number of Persons Engaged by Industrial Activity and Employment Size, Tanzania Mainland, CIP-2013**

| ISIC Rev.4   | Industrial Activity  | Employment Size |               |              |               |               |               |               | Total          |
|--------------|--|-----------------|---------------|--------------|---------------|---------------|---------------|---------------|----------------|
|              |  | 1-4             | 5-9           | 10-19        | 20-49         | 50-99         | 100-499       | 500+          |                |
|              | 05 Mining of coal and lignite  | -               | -             | -            | -             | 77            | -             | -             | 77             |
|              | 07 Mining of metal ores  | 14              | 60            | 153          | 307           | 108           | 1,099         | 8,102         | 9,843          |
|              | 08 Other mining and quarrying  | 177             | 739           | 864          | 2,507         | 1,267         | 3,139         | 1,295         | 9,987          |
| <b>B</b>     | <b>Mining and Quarrying</b>  | <b>191</b>      | <b>799</b>    | <b>1,017</b> | <b>2,814</b>  | <b>1,452</b>  | <b>4,237</b>  | <b>9,397</b>  | <b>19,907</b>  |
|              | 10 Manufacture of food products  | 35,679          | 9,620         | 2,305        | 3,434         | 2,445         | 9,504         | 22,343        | 85,330         |
|              | 11 Manufacture of beverages  | 42              | 104           | 100          | 391           | 567           | 4,392         | 1,408         | 7,004          |
|              | 12 Manufacture of tobacco products   | 7               | 42            | -            | -             | -             | 122           | 4,939         | 5,109          |
|              | 13 Manufacture of textiles   | 1,304           | 344           | 61           | 218           | 262           | 3,216         | 12,309        | 17,714         |
|              | 14 Manufacture of wearing apparel  | 22,836          | 5,959         | 68           | 145           | 92            | 137           | 1,302         | 30,538         |
|              | 15 Manufacture of leather and related products   | 272             | 238           | 47           | 192           | 415           | 561           | -             | 1,726          |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 3,173           | 2,476         | 575          | 406           | 360           | 147           | 2,281         | 9,418          |
|              | 17 Manufacture of paper and paper products   | 5               | 20            | 12           | 150           | 311           | 248           | 1,507         | 2,253          |
|              | 18 Printing and reproduction of recorded media   | 209             | 280           | 171          | 733           | 291           | 1,655         | -             | 3,339          |
|              | 19 Manufacture of coke and refined petroleum products  | -               | -             | -            | 20            | 86            | 137           | -             | 243            |
|              | 20 Manufacture of chemicals and chemical products  | 62              | 203           | 189          | 206           | 441           | 2,289         | 3,255         | 6,645          |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -               | 12            | 14           | -             | 73            | 691           | -             | 790            |
|              | 22 Manufacture of rubber and plastics products   | 31              | 68            | 143          | 294           | 639           | 3,167         | -             | 4,342          |
|              | 23 Manufacture of other non-metallic mineral products  | 1,644           | 3,192         | 530          | 911           | 557           | 1,757         | 793           | 9,385          |
|              | 24 Manufacture of basic metals   | 8               | 12            | 33           | 41            | 314           | 1,262         | 524           | 2,194          |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 7,546           | 5,154         | 398          | 279           | 561           | 951           | -             | 14,889         |
|              | 26 Manufacture of computer, electronic and optical products  | -               | 9             | -            | -             | -             | 115           | -             | 124            |
|              | 27 Manufacture of electrical equipment   | 349             | 443           | 13           | 338           | 109           | 490           | -             | 1,741          |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 121             | 246           | 132          | 90            | 137           | -             | -             | 726            |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 29              | 90            | 14           | 269           | 156           | 120           | 713           | 1,391          |
|              | 30 Manufacture of other transport equipment  | 80              | 51            | -            | 41            | -             | 158           | -             | 330            |
|              | 31 Manufacture of furniture  | 12,611          | 8,151         | 439          | 295           | 691           | 1,553         | -             | 23,739         |
|              | 32 Other manufacturing   | 297             | 246           | 13           | 131           | 383           | 639           | -             | 1,709          |
|              | 33 Repair and installation of machinery and equipment  | 41              | 59            | 23           | -             | 53            | 241           | -             | 418            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>86,346</b>   | <b>37,020</b> | <b>5,280</b> | <b>8,583</b>  | <b>8,942</b>  | <b>33,554</b> | <b>51,374</b> | <b>231,098</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 238             | 97            | -            | 114           | 286           | 3,902         | 3,613         | 8,250          |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>238</b>      | <b>97</b>     | <b>-</b>     | <b>114</b>    | <b>286</b>    | <b>3,902</b>  | <b>3,613</b>  | <b>8,250</b>   |
|              | 36 Water collection, treatment and supply  | 182             | 449           | 470          | 833           | 1,122         | 1,669         | -             | 4,726          |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | 3               | 11            | -            | 44            | 184           | -             | -             | 242            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>185</b>      | <b>461</b>    | <b>470</b>   | <b>877</b>    | <b>1,306</b>  | <b>1,669</b>  | <b>-</b>      | <b>4,968</b>   |
| <b>Total</b> |  | <b>86,960</b>   | <b>38,376</b> | <b>6,767</b> | <b>12,388</b> | <b>11,986</b> | <b>43,363</b> | <b>64,384</b> | <b>264,223</b> |



**Table 13: Number of Persons Engaged by Region and Employment Size, Tanzania Mainland, CIP-2013**

| Region        | Employment Size |               |              |               |               |               |               | Total          |
|---------------|-----------------|---------------|--------------|---------------|---------------|---------------|---------------|----------------|
|               | 1-4             | 5-9           | 10-19        | 20-49         | 50-99         | 100-499       | 500+          |                |
| Dodoma        | 3,096           | 1,385         | 194          | 279           | 140           | 660           | -             | 5,753          |
| Arusha        | 3,599           | 1,472         | 392          | 492           | 1,258         | 3,899         | 6,589         | 17,702         |
| Kilimanjaro   | 2,801           | 1,235         | 408          | 479           | 842           | 1,467         | 3,097         | 10,328         |
| Tanga         | 3,079           | 1,103         | 175          | 311           | 533           | 3,582         | 5,835         | 14,618         |
| Morogoro      | 5,732           | 2,547         | 225          | 442           | 50            | 1,563         | 13,442        | 24,001         |
| Pwani         | 2,475           | 1,451         | 104          | 222           | 78            | 831           | 713           | 5,874          |
| Dar es Salaam | 14,053          | 8,079         | 1,455        | 3,705         | 5,094         | 16,909        | 11,459        | 60,754         |
| Lindi         | 1,375           | 1,240         | 98           | 99            | -             | 338           | -             | 3,151          |
| Mtwara        | 1,729           | 800           | -            | 104           | 395           | 665           | -             | 3,694          |
| Ruvuma        | 6,179           | 1,305         | 134          | 187           | 89            | 126           | -             | 8,020          |
| Iringa        | 4,001           | 1,266         | 124          | 195           | 398           | 1,343         | 3,481         | 10,808         |
| Mbeya         | 5,062           | 1,503         | 455          | 634           | 359           | 2,936         | -             | 10,948         |
| Singida       | 3,406           | 1,346         | 447          | 398           | 151           | 290           | -             | 6,038          |
| Tabora        | 1,693           | 500           | 82           | 70            | 70            | 705           | -             | 3,119          |
| Rukwa         | 1,641           | 403           | 52           | 194           | 97            | -             | -             | 2,387          |
| Kigoma        | 1,437           | 704           | 112          | 22            | 75            | 682           | -             | 3,033          |
| Shinyanga     | 2,355           | 1,513         | 290          | 322           | 142           | 359           | 5,271         | 10,252         |
| Kagera        | 3,724           | 1,712         | 523          | 829           | 246           | 1,329         | 6,107         | 14,468         |
| Mwanza        | 2,222           | 1,902         | 330          | 369           | 555           | 2,139         | 2,926         | 10,442         |
| Mara          | 7,366           | 3,405         | 117          | 309           | 258           | 1,060         | 1,903         | 14,418         |
| Manyara       | 3,980           | 1,017         | 898          | 2,462         | 983           | 1,988         | 695           | 12,022         |
| Njombe        | 2,772           | 801           | -            | 115           | 120           | 491           | 1,339         | 5,637          |
| Katavi        | 363             | 124           | -            | 39            | -             | -             | -             | 526            |
| Simiyu        | 1,330           | 735           | 140          | 67            | -             | -             | -             | 2,272          |
| Geita         | 1,488           | 828           | 14           | 43            | 53            | -             | 1,529         | 3,955          |
| <b>Total</b>  | <b>86,960</b>   | <b>38,376</b> | <b>6,767</b> | <b>12,388</b> | <b>11,986</b> | <b>43,363</b> | <b>64,384</b> | <b>264,223</b> |



**Table 14(a): Number of person Engaged by Industrial Activity and Type of Legal Organisation, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4 | Industrial Activity   | Type of Legal Organisation |               |              |              |              |                 |                         |            | Total          |
|------------|---|----------------------------|---------------|--------------|--------------|--------------|-----------------|-------------------------|------------|----------------|
|            |   | Sole Proprietorship        | Partnership   | Public       | Parastatal   | Cooperative  | Private Company | Private Company Limited | Other      |                |
| 05         | Mining of coal and lignite  | -                          | -             | -            | -            | -            | -               | 77                      | -          | 77             |
| 07         | Mining of metal ores  | 617                        | 288           | -            | -            | 10           | 48              | 8,805                   | -          | 9,769          |
| 08         | Other mining and quarrying  | 4,394                      | 2,753         | 124          | 87           | 69           | 64              | 1,582                   | -          | 9,072          |
| <b>B</b>   | <b>Mining and Quarrying</b>   | <b>5,011</b>               | <b>3,042</b>  | <b>124</b>   | <b>87</b>    | <b>79</b>    | <b>112</b>      | <b>10,463</b>           | -          | <b>18,917</b>  |
| 10         | Manufacture of food products  | 2,384                      | 6,836         | 485          | -            | 244          | 6,361           | 23,720                  | -          | 40,031         |
| 11         | Manufacture of beverages  | 892                        | 985           | -            | -            | -            | 878             | 4,103                   | -          | 6,859          |
| 12         | Manufacture of tobacco products   | -                          | -             | -            | -            | -            | -               | 5,061                   | -          | 5,061          |
| 13         | Manufacture of textiles   | 1,464                      | 3,146         | 697          | -            | 59           | 328             | 10,372                  | -          | 16,067         |
| 14         | Manufacture of wearing apparel  | 54                         | 86            | -            | -            | 40           | -               | 1,471                   | 92         | 1,743          |
| 15         | Manufacture of leather and related products   | 90                         | 14            | 132          | -            | -            | -               | 979                     | -          | 1,215          |
| 16         | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 492                        | 417           | 13           | -            | 83           | 161             | 2,603                   | -          | 3,769          |
| 17         | Manufacture of paper and paper products   | -                          | 136           | -            | -            | 12           | 81              | 1,999                   | -          | 2,228          |
| 18         | Printing and reproduction of recorded media   | 150                        | 263           | 284          | -            | 18           | 45              | 2,003                   | 85         | 2,849          |
| 19         | Manufacture of coke and refined petroleum products  | 137                        | 86            | -            | -            | -            | -               | 20                      | -          | 243            |
| 20         | Manufacture of chemicals and chemical products  | 335                        | 244           | 65           | -            | -            | 370             | 5,366                   | -          | 6,380          |
| 21         | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -                          | 159           | -            | -            | -            | 116             | 503                     | -          | 778            |
| 22         | Manufacture of rubber and plastics products   | 110                        | 736           | -            | -            | -            | 218             | 3,179                   | -          | 4,243          |
| 23         | Manufacture of other non-metallic mineral products  | 814                        | 1,121         | 76           | -            | 147          | -               | 2,355                   | 35         | 4,548          |
| 24         | Manufacture of basic metals   | -                          | 652           | -            | -            | -            | -               | 1,522                   | -          | 2,174          |
| 25         | Manufacture of fabricated metal products, except machinery and equipment  | 135                        | 432           | -            | -            | 17           | 17              | 1,479                   | 110        | 2,189          |
| 26         | Manufacture of computer, electronic and optical products  | -                          | 115           | -            | -            | -            | -               | -                       | -          | 115            |
| 27         | Manufacture of electrical equipment   | -                          | 13            | -            | -            | 269          | -               | 668                     | -          | 949            |
| 28         | Manufacture of machinery and equipment n.e.c.   | 54                         | 11            | 35           | 193          | 26           | -               | 40                      | -          | 358            |
| 29         | Manufacture of motor vehicles, trailers and semi-trailers   | 46                         | 14            | 713          | -            | -            | -               | 500                     | -          | 1,272          |
| 30         | Manufacture of other transport equipment  | 41                         | 158           | -            | -            | -            | -               | -                       | -          | 199            |
| 31         | Manufacture of furniture  | 265                        | 542           | -            | -            | 245          | 17              | 1,840                   | 68         | 2,977          |
| 32         | Other manufacturing   | -                          | 290           | -            | -            | -            | -               | 876                     | -          | 1,166          |
| 33         | Repair and installation of machinery and equipment  | 12                         | -             | 241          | -            | -            | -               | 64                      | -          | 317            |
| <b>C</b>   | <b>Manufacturing</b>  | <b>7,476</b>               | <b>16,457</b> | <b>2,742</b> | <b>193</b>   | <b>1,159</b> | <b>8,593</b>    | <b>70,722</b>           | <b>390</b> | <b>107,732</b> |
| 35         | Electricity, gas, steam and air conditioning supply   | 24                         | -             | 748          | 6,910        | -            | -               | 233                     | -          | 7,915          |
| <b>D</b>   | <b>Electricity, Gas, Steam and air Conditioning supply</b>  | <b>24</b>                  | -             | <b>748</b>   | <b>6,910</b> | -            | -               | <b>233</b>              | -          | <b>7,915</b>   |
| 36         | Water collection, treatment and supply  | 11                         | 38            | 2,816        | 835          | 66           | -               | 309                     | 19         | 4,094          |
| 38         | Waste collection, treatment and disposal activities; materials recovery   | -                          | 154           | -            | -            | -            | -               | 74                      | -          | 228            |
| <b>E</b>   | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>11</b>                  | <b>192</b>    | <b>2,816</b> | <b>835</b>   | <b>66</b>    | -               | <b>383</b>              | <b>19</b>  | <b>4,322</b>   |
|            | <b>Total</b>  | <b>12,522</b>              | <b>19,690</b> | <b>6,431</b> | <b>8,024</b> | <b>1,304</b> | <b>8,705</b>    | <b>81,802</b>           | <b>409</b> | <b>138,887</b> |

**Table 14(b): Number of Person Engaged by Industrial Activity and Type of Legal Organisation, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC Rev.4   | Industrial Activity   | Type of Legal Organisation |               |            |            |              |                 |                         | Total      |                |
|--------------|---|----------------------------|---------------|------------|------------|--------------|-----------------|-------------------------|------------|----------------|
|              |   | Sole Proprietorship        | Partnership   | Public     | Parastatal | Cooperative  | Private Company | Private Company Limited |            | Other          |
| 07           | Mining of metal ores  | 62                         | 12            | -          | -          | -            | -               | -                       | -          | 74             |
| 08           | Other mining and quarrying  | 597                        | 293           | 13         | -          | 9            | -               | -                       | 3          | 915            |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>659</b>                 | <b>305</b>    | <b>13</b>  | -          | <b>9</b>     | -               | -                       | <b>3</b>   | <b>989</b>     |
| 10           | Manufacture of food products  | 41,037                     | 3,339         | 17         | 7          | 644          | 25              | 71                      | 159        | 45,299         |
| 11           | Manufacture of beverages  | 75                         | 52            | -          | -          | -            | -               | 18                      | -          | 145            |
| 12           | Manufacture of tobacco products   | 49                         | -             | -          | -          | -            | -               | -                       | -          | 49             |
| 13           | Manufacture of textiles   | 1,483                      | 156           | -          | -          | 9            | -               | -                       | -          | 1,648          |
| 14           | Manufacture of wearing apparel  | 26,381                     | 2,378         | -          | -          | 34           | -               | -                       | 2          | 28,795         |
| 15           | Manufacture of leather and related products   | 417                        | 67            | -          | -          | 18           | -               | 8                       | -          | 510            |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 4,884                      | 641           | -          | 4          | 82           | -               | 13                      | 24         | 5,649          |
| 17           | Manufacture of paper and paper products   | 25                         | -             | -          | -          | -            | -               | -                       | -          | 25             |
| 18           | Printing and reproduction of recorded media   | 364                        | 69            | 10         | -          | 6            | -               | 20                      | 20         | 490            |
| 20           | Manufacture of chemicals and chemical products  | 184                        | 77            | -          | -          | -            | -               | 4                       | -          | 265            |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 12                         | -             | -          | -          | -            | -               | -                       | -          | 12             |
| 22           | Manufacture of rubber and plastics products   | 84                         | 15            | -          | -          | -            | -               | -                       | -          | 99             |
| 23           | Manufacture of other non-metallic mineral products  | 4,184                      | 561           | -          | -          | 36           | -               | 33                      | 22         | 4,836          |
| 24           | Manufacture of basic metals   | 15                         | -             | -          | -          | 5            | -               | -                       | -          | 20             |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 11,407                     | 1,172         | 25         | -          | 80           | 10              | -                       | 6          | 12,700         |
| 26           | Manufacture of computer, electronic and optical products  | -                          | 9             | -          | -          | -            | -               | -                       | -          | 9              |
| 27           | Manufacture of electrical equipment   | 533                        | 192           | -          | -          | 56           | -               | -                       | 9          | 791            |
| 28           | Manufacture of machinery and equipment n.e.c.   | 306                        | 39            | 6          | 7          | -            | -               | 9                       | -          | 367            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 74                         | 23            | 16         | -          | -            | -               | 6                       | -          | 119            |
| 30           | Manufacture of other transport equipment  | 90                         | 32            | -          | -          | -            | -               | 9                       | -          | 131            |
| 31           | Manufacture of furniture  | 17,236                     | 3,166         | 9          | -          | 209          | -               | 17                      | 126        | 20,762         |
| 32           | Other manufacturing   | 390                        | 59            | -          | -          | 10           | -               | 84                      | -          | 543            |
| 33           | Repair and installation of machinery and equipment  | 90                         | -             | -          | -          | 11           | -               | -                       | -          | 101            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>109,321</b>             | <b>12,047</b> | <b>83</b>  | <b>18</b>  | <b>1,202</b> | <b>35</b>       | <b>292</b>              | <b>369</b> | <b>123,366</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 271                        | 31            | -          | -          | 33           | -               | -                       | -          | 335            |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>  | <b>271</b>                 | <b>31</b>     | -          | -          | <b>33</b>    | -               | -                       | -          | <b>335</b>     |
| 36           | Water collection, treatment and supply  | 218                        | 98            | 241        | -          | 65           | -               | -                       | 10         | 632            |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 14                         | -             | -          | -          | -            | -               | -                       | -          | 14             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>232</b>                 | <b>98</b>     | <b>241</b> | -          | <b>65</b>    | -               | -                       | <b>10</b>  | <b>646</b>     |
| <b>Total</b> |   | <b>110,482</b>             | <b>12,480</b> | <b>337</b> | <b>18</b>  | <b>1,309</b> | <b>35</b>       | <b>292</b>              | <b>382</b> | <b>125,336</b> |



**Table 15(a): Number of Persons Engaged by Industrial Activity and Year Operation Started, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4   | Industrial Activity   | Year Operation Started |              |               |               |               | Total          |
|--------------|---|------------------------|--------------|---------------|---------------|---------------|----------------|
|              |   | <1990                  | 1990-1994    | 1995-1999     | 2000-2004     | >=2005        |                |
| 05           | Mining of coal and lignite  | -                      | -            | -             | -             | 77            | 77             |
| 07           | Mining of metal ores  | 420                    | 10           | 2,062         | 4,239         | 3,038         | 9,769          |
| 08           | Other mining and quarrying  | 1,298                  | 716          | 2,398         | 2,470         | 2,190         | 9,072          |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>1,719</b>           | <b>726</b>   | <b>4,459</b>  | <b>6,709</b>  | <b>5,305</b>  | <b>18,917</b>  |
| 10           | Manufacture of food products  | 19,583                 | 5,077        | 3,942         | 4,371         | 7,058         | 40,031         |
| 11           | Manufacture of beverages  | 1,816                  | 879          | 2,149         | 1,040         | 975           | 6,859          |
| 12           | Manufacture of tobacco products   | 2,994                  | -            | 1,945         | -             | 122           | 5,061          |
| 13           | Manufacture of textiles   | 5,007                  | -            | 1,299         | 7,763         | 1,999         | 16,067         |
| 14           | Manufacture of wearing apparel  | -                      | -            | 169           | 137           | 1,437         | 1,743          |
| 15           | Manufacture of leather and related products   | 403                    | 112          | -             | 84            | 616           | 1,215          |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 1,576                  | 144          | 186           | 1,297         | 567           | 3,769          |
| 17           | Manufacture of paper and paper products   | 76                     | -            | 346           | 163           | 1,642         | 2,228          |
| 18           | Printing and reproduction of recorded media   | 1,279                  | 139          | 603           | 211           | 617           | 2,849          |
| 19           | Manufacture of coke and refined petroleum products  | -                      | -            | -             | -             | 243           | 243            |
| 20           | Manufacture of chemicals and chemical products  | 1,929                  | 36           | 1,175         | 2,526         | 714           | 6,380          |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 503                    | -            | 261           | 14            | -             | 778            |
| 22           | Manufacture of rubber and plastics products   | 697                    | 575          | 394           | 1,033         | 1,545         | 4,243          |
| 23           | Manufacture of other non-metallic mineral products  | 2,005                  | 103          | 291           | 225           | 1,924         | 4,548          |
| 24           | Manufacture of basic metals   | -                      | 317          | 559           | 943           | 355           | 2,174          |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 735                    | 67           | 247           | 415           | 724           | 2,189          |
| 26           | Manufacture of computer, electronic and optical products  | 115                    | -            | -             | -             | -             | 115            |
| 27           | Manufacture of electrical equipment   | 262                    | -            | 28            | 214           | 446           | 949            |
| 28           | Manufacture of machinery and equipment n.e.c.   | 292                    | 17           | -             | 26            | 23            | 358            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 940                    | 56           | -             | 75            | 201           | 1,272          |
| 30           | Manufacture of other transport equipment  | 158                    | 41           | -             | -             | -             | 199            |
| 31           | Manufacture of furniture  | 1,680                  | 359          | 243           | 263           | 432           | 2,977          |
| 32           | Other manufacturing   | 172                    | -            | 99            | 554           | 341           | 1,166          |
| 33           | Repair and installation of machinery and equipment  | 317                    | -            | -             | -             | -             | 317            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>42,537</b>          | <b>7,924</b> | <b>13,936</b> | <b>21,354</b> | <b>21,982</b> | <b>107,732</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 7,762                  | -            | -             | 73            | 80            | 7,915          |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>7,762</b>           | <b>-</b>     | <b>-</b>      | <b>73</b>     | <b>80</b>     | <b>7,915</b>   |
| 36           | Water collection, treatment and supply  | 304                    | -            | 2,161         | 964           | 665           | 4,094          |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -                      | -            | -             | -             | 228           | 228            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>304</b>             | <b>-</b>     | <b>2,161</b>  | <b>964</b>    | <b>893</b>    | <b>4,322</b>   |
| <b>Total</b> |   | <b>52,322</b>          | <b>8,650</b> | <b>20,556</b> | <b>29,100</b> | <b>28,259</b> | <b>138,887</b> |



**Table 15(b): Number of Persons Engaged by Industrial Activity and Year Operation Started, Tanzania Mainland, CIP-2013 (1 - 9)**

| ISIC Rev.4   | Industrial Activity   | Year Operation Started |              |              |               |               | Total          |
|--------------|---|------------------------|--------------|--------------|---------------|---------------|----------------|
|              |   | <1990                  | 1990-1994    | 1995-1999    | 2000-2004     | >=2005        |                |
| 07           | Mining of metal ores  | 11                     | -            | 4            | 8             | 51            | 74             |
| 08           | Other mining and quarrying  | 82                     | 62           | 76           | 114           | 582           | 915            |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>93</b>              | <b>62</b>    | <b>80</b>    | <b>122</b>    | <b>633</b>    | <b>989</b>     |
| 10           | Manufacture of food products  | 1,106                  | 742          | 2,926        | 5,340         | 35,185        | 45,299         |
| 11           | Manufacture of beverages  | -                      | 8            | 14           | 23            | 99            | 145            |
| 12           | Manufacture of tobacco products   | 11                     | 8            | -            | -             | 30            | 49             |
| 13           | Manufacture of textiles   | 21                     | 35           | 65           | 223           | 1,304         | 1,648          |
| 14           | Manufacture of wearing apparel  | 1,425                  | 866          | 1,915        | 4,472         | 20,117        | 28,795         |
| 15           | Manufacture of leather and related products   | 38                     | 50           | 29           | 89            | 304           | 510            |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 349                    | 239          | 417          | 756           | 3,887         | 5,649          |
| 17           | Manufacture of paper and paper products   | -                      | -            | 1            | 12            | 12            | 25             |
| 18           | Printing and reproduction of recorded media   | 43                     | 25           | 42           | 58            | 323           | 490            |
| 20           | Manufacture of chemicals and chemical products  | -                      | 5            | 10           | 19            | 231           | 265            |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -                      | -            | -            | -             | 12            | 12             |
| 22           | Manufacture of rubber and plastics products   | 2                      | -            | 3            | 10            | 84            | 99             |
| 23           | Manufacture of other non-metallic mineral products  | 42                     | 80           | 145          | 328           | 4,241         | 4,836          |
| 24           | Manufacture of basic metals   | 4                      | 5            | 2            | 7             | 2             | 20             |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 687                    | 306          | 892          | 1,504         | 9,311         | 12,700         |
| 26           | Manufacture of computer, electronic and optical products  | 9                      | -            | -            | -             | -             | 9              |
| 27           | Manufacture of electrical equipment   | 91                     | 86           | 93           | 148           | 373           | 791            |
| 28           | Manufacture of machinery and equipment n.e.c.   | 22                     | 40           | 15           | 54            | 237           | 367            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 22                     | -            | 18           | 25            | 54            | 119            |
| 30           | Manufacture of other transport equipment  | 24                     | 17           | 10           | 43            | 36            | 131            |
| 31           | Manufacture of furniture  | 1,431                  | 1,200        | 2,124        | 3,771         | 12,237        | 20,762         |
| 32           | Other manufacturing   | 39                     | 19           | 45           | 64            | 377           | 543            |
| 33           | Repair and installation of machinery and equipment  | 13                     | 23           | 10           | 27            | 28            | 101            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>5,376</b>           | <b>3,755</b> | <b>8,775</b> | <b>16,975</b> | <b>88,485</b> | <b>123,366</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 2                      | 8            | 13           | 38            | 273           | 335            |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>2</b>               | <b>8</b>     | <b>13</b>    | <b>38</b>     | <b>273</b>    | <b>335</b>     |
| 36           | Water collection, treatment and supply  | 111                    | 38           | 20           | 103           | 359           | 632            |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -                      | -            | -            | 3             | 11            | 14             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>111</b>             | <b>38</b>    | <b>20</b>    | <b>106</b>    | <b>371</b>    | <b>646</b>     |
| <b>Total</b> |   | <b>5,583</b>           | <b>3,862</b> | <b>8,889</b> | <b>17,241</b> | <b>89,762</b> | <b>125,336</b> |



**Table 16(a): Number of Persons Engaged by Region and Year Operation Started, Tanzania Mainland, CIP-2013 (10+)**

| Region        | Year Operation Started |              |               |               |               | Total          |
|---------------|------------------------|--------------|---------------|---------------|---------------|----------------|
|               | <1990                  | 1990-1994    | 1995-1999     | 2000-2004     | >=2005        |                |
| Dodoma        | 325                    | -            | 273           | 133           | 541           | 1,272          |
| Arusha        | 7,241                  | 754          | 1,013         | 1,253         | 2,370         | 12,630         |
| Kilimanjaro   | 3,839                  | 302          | 646           | 655           | 850           | 6,292          |
| Tanga         | 3,078                  | -            | 1,191         | 5,230         | 937           | 10,436         |
| Morogoro      | 9,247                  | 172          | 2,972         | 1,635         | 1,695         | 15,722         |
| Pwani         | 985                    | -            | 163           | 238           | 562           | 1,948          |
| Dar es Salaam | 13,543                 | 2,164        | 5,997         | 8,078         | 8,840         | 38,622         |
| Lindi         | 349                    | -            | 46            | 38            | 102           | 535            |
| Mtwara        | 245                    | 388          | 203           | -             | 328           | 1,164          |
| Ruvuma        | 246                    | 13           | 112           | 77            | 90            | 537            |
| Iringa        | 1,075                  | 1,164        | 364           | 1,187         | 1,750         | 5,541          |
| Mbeya         | 1,061                  | 200          | 18            | 1,694         | 1,411         | 4,383          |
| Singida       | 65                     | 23           | 126           | 296           | 777           | 1,286          |
| Tabora        | 474                    | -            | 108           | 284           | 61            | 927            |
| Rukwa         | 97                     | -            | 62            | -             | 184           | 343            |
| Kigoma        | 237                    | 22           | 472           | 41            | 119           | 892            |
| Shinyanga     | 1,030                  | -            | 84            | 2,749         | 2,521         | 6,384          |
| Kagera        | 6,483                  | 11           | 631           | 788           | 1,119         | 9,033          |
| Mwanza        | 657                    | 2,739        | 1,712         | 450           | 760           | 6,318          |
| Mara          | 191                    | -            | 2,378         | 638           | 440           | 3,647          |
| Manyara       | 443                    | 699          | 1,869         | 1,967         | 2,047         | 7,025          |
| Njombe        | 1,339                  | -            | -             | 73            | 653           | 2,064          |
| Katavi        | -                      | -            | -             | 39            | -             | 39             |
| Simiyu        | 26                     | -            | 63            | 29            | 89            | 207            |
| Geita         | 43                     | -            | 53            | 1,529         | 14            | 1,639          |
| <b>Total</b>  | <b>52,322</b>          | <b>8,650</b> | <b>20,556</b> | <b>29,100</b> | <b>28,259</b> | <b>138,887</b> |



**Table 16(b): Number of Persons Engaged by Region and Year Operation Started, Tanzania Mainland, CIP-2013 (1-9)**

| Region        | Year Operation Started |              |              |               |               | Total          |
|---------------|------------------------|--------------|--------------|---------------|---------------|----------------|
|               | <1990                  | 1990-1994    | 1995-1999    | 2000-2004     | >=2005        |                |
| Dodoma        | 189                    | 162          | 202          | 711           | 3,217         | 4,481          |
| Arusha        | 128                    | 210          | 187          | 563           | 3,983         | 5,071          |
| Kilimanjaro   | 387                    | 145          | 429          | 695           | 2,380         | 4,036          |
| Tanga         | 290                    | 295          | 323          | 480           | 2,794         | 4,182          |
| Morogoro      | 271                    | 347          | 479          | 1,156         | 6,026         | 8,279          |
| Pwani         | 199                    | 159          | 267          | 416           | 2,885         | 3,926          |
| Dar es Salaam | 679                    | 461          | 883          | 1,887         | 18,222        | 22,132         |
| Lindi         | 151                    | 115          | 146          | 548           | 1,656         | 2,616          |
| Mtwara        | 72                     | 79           | 131          | 374           | 1,874         | 2,529          |
| Ruvuma        | 787                    | 321          | 953          | 1,246         | 4,177         | 7,483          |
| Iringa        | 251                    | 97           | 487          | 1,026         | 3,407         | 5,267          |
| Mbeya         | 274                    | 198          | 611          | 741           | 4,740         | 6,565          |
| Singida       | 140                    | 161          | 371          | 645           | 3,436         | 4,752          |
| Tabora        | 92                     | 78           | 128          | 310           | 1,585         | 2,192          |
| Rukwa         | 103                    | 85           | 240          | 330           | 1,286         | 2,045          |
| Kigoma        | 76                     | 101          | 211          | 355           | 1,398         | 2,141          |
| Shinyanga     | 95                     | 103          | 255          | 644           | 2,771         | 3,868          |
| Kagera        | 273                    | 124          | 658          | 1,010         | 3,371         | 5,435          |
| Mwanza        | 52                     | 82           | 190          | 590           | 3,210         | 4,124          |
| Mara          | 735                    | 203          | 556          | 1,385         | 7,892         | 10,771         |
| Manyara       | 88                     | 130          | 405          | 744           | 3,630         | 4,996          |
| Njombe        | 171                    | 142          | 474          | 456           | 2,329         | 3,573          |
| Katavi        | 6                      | 13           | 47           | 85            | 336           | 488            |
| Simiyu        | 71                     | 53           | 74           | 372           | 1,494         | 2,065          |
| Geita         | -                      | -            | 183          | 471           | 1,662         | 2,316          |
| <b>Total</b>  | <b>5,583</b>           | <b>3,862</b> | <b>8,889</b> | <b>17,241</b> | <b>89,762</b> | <b>125,336</b> |



**Table 17(a): Evolution in Persons Engaged by Industrial Activity and Sex, June to December 2013, Tanzania Mainland, CIP-2013 (10+)**

| ISIC REV.4 | Industrial Activity  | As at June 2013 |               |                | As at December 2013 |               |                |
|------------|--|-----------------|---------------|----------------|---------------------|---------------|----------------|
|            |  | Male            | Female        | Total          | Male                | Female        | Total          |
|            | 05 Mining of coal and lignite  | 55              | -             | 55             | 76                  | 1             | 77             |
|            | 07 Mining of metal ores  | 10,365          | 224           | 10,589         | 10,268              | 580           | 10,848         |
|            | 08 Other mining and quarrying  | 16,915          | 4,755         | 21,669         | 16,892              | 5,311         | 22,203         |
| <b>B</b>   | <b>Mining and quarrying</b>  | <b>27,334</b>   | <b>4,979</b>  | <b>32,313</b>  | <b>27,237</b>       | <b>5,892</b>  | <b>33,128</b>  |
|            | 10 Manufacture of food products  | 27,346          | 10,512        | 37,858         | 27,885              | 10,550        | 38,435         |
|            | 11 Manufacture of beverages  | 5,366           | 1,549         | 6,915          | 5,183               | 1,536         | 6,719          |
|            | 12 Manufacture of tobacco products   | 3,272           | 2,117         | 5,389          | 2,379               | 1,754         | 4,133          |
|            | 13 Manufacture of textiles   | 7,560           | 5,863         | 13,422         | 8,244               | 6,053         | 14,297         |
|            | 14 Manufacture of wearing apparel  | 587             | 1,599         | 2,186          | 628                 | 1,886         | 2,514          |
|            | 15 Manufacture of leather and related products   | 732             | 512           | 1,244          | 680                 | 417           | 1,097          |
|            | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 3,109           | 462           | 3,571          | 2,882               | 506           | 3,388          |
|            | 17 Manufacture of paper and paper products   | 1,949           | 388           | 2,337          | 1,752               | 286           | 2,039          |
|            | 18 Printing and reproduction of recorded media   | 1,985           | 930           | 2,916          | 2,000               | 951           | 2,951          |
|            | 19 Manufacture of coke and refined petroleum products  | 181             | 20            | 201            | 216                 | 19            | 235            |
|            | 20 Manufacture of chemicals and chemical products  | 3,267           | 3,004         | 6,271          | 3,175               | 3,072         | 6,247          |
|            | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 313             | 172           | 485            | 290                 | 201           | 491            |
|            | 22 Manufacture of rubber and plastics products   | 3,142           | 1,083         | 4,225          | 3,141               | 1,077         | 4,218          |
|            | 23 Manufacture of other non-metallic mineral products  | 3,509           | 542           | 4,050          | 3,451               | 647           | 4,098          |
|            | 24 Manufacture of basic metals   | 2,159           | 61            | 2,220          | 2,262               | 67            | 2,329          |
|            | 25 Manufacture of fabricated metal products, except machinery and equipment  | 1,686           | 268           | 1,955          | 1,734               | 324           | 2,058          |
|            | 26 Manufacture of computer, electronic and optical products  | 107             | 13            | 120            | 107                 | 13            | 120            |
|            | 27 Manufacture of electrical equipment   | 641             | 171           | 811            | 635                 | 175           | 810            |
|            | 28 Manufacture of machinery and equipment n.e.c.   | 202             | 28            | 230            | 209                 | 29            | 238            |
|            | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 1,013           | 183           | 1,197          | 1,001               | 185           | 1,187          |
|            | 30 Manufacture of other transport equipment  | 177             | 46            | 223            | 167                 | 33            | 200            |
|            | 31 Manufacture of furniture  | 2,400           | 442           | 2,842          | 2,443               | 487           | 2,930          |
|            | 32 Other manufacturing   | 544             | 610           | 1,154          | 642                 | 606           | 1,248          |
|            | 33 Repair and installation of machinery and equipment  | 272             | 52            | 324            | 82                  | 33            | 115            |
| <b>C</b>   | <b>Manufacturing</b>   | <b>71,520</b>   | <b>30,627</b> | <b>102,147</b> | <b>71,188</b>       | <b>30,910</b> | <b>102,098</b> |
|            | 35 Electricity, gas, steam and air conditioning supply   | 6,433           | 971           | 7,403          | 6,429               | 1,112         | 7,540          |
| <b>D</b>   | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>6,433</b>    | <b>971</b>    | <b>7,403</b>   | <b>6,429</b>        | <b>1,112</b>  | <b>7,540</b>   |
|            | 36 Water collection, treatment and supply  | 3,053           | 865           | 3,917          | 3,105               | 918           | 4,022          |
|            | 38 Waste collection, treatment and disposal activities; materials recovery   | 133             | 106           | 239            | 111                 | 82            | 193            |
| <b>E</b>   | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>3,186</b>    | <b>971</b>    | <b>4,157</b>   | <b>3,216</b>        | <b>999</b>    | <b>4,215</b>   |
|            | <b>Total</b>   | <b>108,473</b>  | <b>37,547</b> | <b>146,020</b> | <b>108,070</b>      | <b>38,912</b> | <b>146,982</b> |



**Table 17(b): Evolution in persons engaged by Industrial Activity and Sex, June to December 2013, Tanzania Mainland, CIP-2013 (1 - 9)**

| ISIC REV.4   | Industrial Activity   | As at June 2013 |               |                | As at December 2013 |               |                |
|--------------|---|-----------------|---------------|----------------|---------------------|---------------|----------------|
|              |   | Male            | Female        | Total          | Male                | Female        | Total          |
| 07           | Mining of metal ores  | 58              | 7             | 65             | 59                  | 8             | 67             |
| 08           | Other mining and quarrying  | 809             | 309           | 1,118          | 822                 | 550           | 1,372          |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>867</b>      | <b>316</b>    | <b>1,183</b>   | <b>881</b>          | <b>558</b>    | <b>1,439</b>   |
| 10           | Manufacture of food products  | 34,154          | 5,191         | 39,345         | 34,125              | 5,447         | 39,572         |
| 11           | Manufacture of beverages  | 103             | 48            | 151            | 95                  | 45            | 140            |
| 12           | Manufacture of tobacco products   | 30              | 18            | 48             | 30                  | 18            | 48             |
| 13           | Manufacture of textiles   | 304             | 1,124         | 1,428          | 304                 | 1,127         | 1,430          |
| 14           | Manufacture of wearing apparel  | 10,583          | 14,047        | 24,630         | 10,373              | 14,258        | 24,631         |
| 15           | Manufacture of leather and related products   | 378             | 69            | 446            | 378                 | 75            | 453            |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 4,865           | 205           | 5,070          | 4,886               | 296           | 5,183          |
| 17           | Manufacture of paper and paper products   | 18              | -             | 18             | 18                  | -             | 18             |
| 18           | Printing and reproduction of recorded media   | 316             | 109           | 424            | 321                 | 109           | 430            |
| 20           | Manufacture of chemicals and chemical products  | 171             | 93            | 264            | 176                 | 90            | 267            |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 4               | 6             | 10             | 4                   | 6             | 10             |
| 22           | Manufacture of rubber and plastics products   | 73              | 10            | 83             | 77                  | 12            | 89             |
| 23           | Manufacture of other non-metallic mineral products  | 4,194           | 250           | 4,445          | 4,231               | 277           | 4,508          |
| 24           | Manufacture of basic metals   | 17              | 2             | 19             | 18                  | 1             | 19             |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 10,808          | 144           | 10,952         | 10,784              | 205           | 10,988         |
| 26           | Manufacture of computer, electronic and optical products  | 6               | 3             | 9              | 6                   | 3             | 9              |
| 27           | Manufacture of electrical equipment   | 649             | 84            | 733            | 641                 | 92            | 733            |
| 28           | Manufacture of machinery and equipment n.e.c.   | 304             | 25            | 329            | 310                 | 25            | 335            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 101             | 4             | 105            | 101                 | 3             | 104            |
| 30           | Manufacture of other transport equipment  | 115             | 8             | 123            | 114                 | 8             | 122            |
| 31           | Manufacture of furniture  | 18,545          | 307           | 18,852         | 18,321              | 510           | 18,831         |
| 32           | Other manufacturing   | 482             | 56            | 537            | 486                 | 55            | 540            |
| 33           | Repair and installation of machinery and equipment  | 128             | 45            | 173            | 123                 | 11            | 133            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>86,347</b>   | <b>21,848</b> | <b>108,195</b> | <b>85,922</b>       | <b>22,670</b> | <b>108,592</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 277             | 20            | 297            | 278                 | 21            | 299            |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>277</b>      | <b>20</b>     | <b>297</b>     | <b>278</b>          | <b>21</b>     | <b>299</b>     |
| 36           | Water collection, treatment and supply  | 428             | 239           | 666            | 426                 | 250           | 676            |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 7               | 7             | 14             | 7                   | 7             | 14             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>435</b>      | <b>246</b>    | <b>680</b>     | <b>433</b>          | <b>257</b>    | <b>690</b>     |
| <b>Total</b> |   | <b>87,926</b>   | <b>22,430</b> | <b>110,356</b> | <b>87,514</b>       | <b>23,507</b> | <b>111,020</b> |



**Table 18(a): Evolution in Persons Engaged by Region and Sex, June to December 2013, Tanzania Mainland, CIP-2013 (10+)**

| Region        | As at June 2013 |               |                | As at December 2013 |               |                |
|---------------|-----------------|---------------|----------------|---------------------|---------------|----------------|
|               | Male            | Female        | Total          | Male                | Female        | Total          |
| Dodoma        | 931             | 261           | 1,191          | 905                 | 252           | 1,157          |
| Arusha        | 6,497           | 4,687         | 11,184         | 6,982               | 4,738         | 11,720         |
| Kilimanjaro   | 4,893           | 1,369         | 6,262          | 5,343               | 1,394         | 6,737          |
| Tanga         | 4,964           | 3,204         | 8,168          | 5,063               | 3,519         | 8,582          |
| Morogoro      | 7,895           | 6,326         | 14,221         | 7,161               | 6,173         | 13,334         |
| Pwani         | 1,426           | 429           | 1,855          | 1,432               | 429           | 1,861          |
| Dar es Salaam | 28,768          | 8,794         | 37,562         | 28,718              | 9,130         | 37,848         |
| Lindi         | 438             | 76            | 514            | 444                 | 79            | 522            |
| Mtwara        | 589             | 476           | 1,065          | 651                 | 523           | 1,174          |
| Ruvuma        | 394             | 152           | 546            | 339                 | 136           | 475            |
| Iringa        | 4,479           | 1,022         | 5,500          | 4,105               | 975           | 5,080          |
| Mbeya         | 3,267           | 884           | 4,151          | 3,630               | 1,018         | 4,648          |
| Singida       | 1,049           | 250           | 1,299          | 1,010               | 215           | 1,225          |
| Tabora        | 744             | 156           | 900            | 802                 | 180           | 983            |
| Rukwa         | 270             | 61            | 331            | 270                 | 61            | 331            |
| Kigoma        | 670             | 109           | 780            | 929                 | 555           | 1,484          |
| Shinyanga     | 14,486          | 4,610         | 19,097         | 14,527              | 4,762         | 19,289         |
| Kagera        | 7,162           | 1,770         | 8,932          | 7,156               | 1,801         | 8,957          |
| Mwanza        | 5,405           | 1,397         | 6,802          | 5,123               | 1,373         | 6,496          |
| Mara          | 3,743           | 454           | 4,197          | 3,657               | 621           | 4,278          |
| Manyara       | 7,223           | 415           | 7,638          | 6,697               | 345           | 7,042          |
| Njombe        | 1,555           | 406           | 1,961          | 1,490               | 395           | 1,885          |
| Katavi        | 33              | 6             | 39             | 33                  | 6             | 39             |
| Simiyu        | 127             | 64            | 191            | 133                 | 64            | 196            |
| Geita         | 1,466           | 169           | 1,635          | 1,470               | 169           | 1,639          |
| <b>Total</b>  | <b>108,473</b>  | <b>37,547</b> | <b>146,020</b> | <b>108,070</b>      | <b>38,912</b> | <b>146,982</b> |



**Table 18(b): Evolution in Persons Engaged by Region and Sex, June to December 2013, Tanzania Mainland, CIP-2013 (1 - 9)**

| Region        | As at June 2013 |               |                | As at December 2013 |               |                |
|---------------|-----------------|---------------|----------------|---------------------|---------------|----------------|
|               | Male            | Female        | Total          | Male                | Female        | Total          |
| Dodoma        | 3,338           | 878           | 4,216          | 3,337               | 901           | 4,238          |
| Arusha        | 3,977           | 691           | 4,668          | 3,747               | 722           | 4,469          |
| Kilimanjaro   | 2,756           | 627           | 3,383          | 2,771               | 657           | 3,428          |
| Tanga         | 3,300           | 802           | 4,102          | 3,276               | 866           | 4,142          |
| Morogoro      | 5,741           | 810           | 6,551          | 5,895               | 898           | 6,793          |
| Pwani         | 3,099           | 401           | 3,500          | 3,111               | 484           | 3,595          |
| Dar es Salaam | 16,106          | 3,265         | 19,370         | 16,041              | 3,199         | 19,240         |
| Lindi         | 2,166           | 643           | 2,809          | 2,205               | 905           | 3,110          |
| Mtwara        | 1,850           | 524           | 2,374          | 1,932               | 547           | 2,479          |
| Ruvuma        | 5,358           | 762           | 6,120          | 5,187               | 740           | 5,927          |
| Iringa        | 3,630           | 697           | 4,327          | 3,684               | 737           | 4,421          |
| Mbeya         | 5,172           | 652           | 5,824          | 5,354               | 869           | 6,223          |
| Singida       | 3,234           | 700           | 3,934          | 3,193               | 713           | 3,906          |
| Tabora        | 1,516           | 267           | 1,783          | 1,469               | 310           | 1,779          |
| Rukwa         | 1,597           | 405           | 2,002          | 1,629               | 412           | 2,041          |
| Kigoma        | 1,325           | 608           | 1,933          | 1,327               | 641           | 1,968          |
| Shinyanga     | 2,688           | 801           | 3,490          | 2,683               | 807           | 3,491          |
| Kagera        | 3,960           | 1,543         | 5,503          | 3,857               | 1,579         | 5,436          |
| Mwanza        | 2,499           | 1,386         | 3,885          | 2,239               | 1,315         | 3,555          |
| Mara          | 5,833           | 2,924         | 8,757          | 5,959               | 3,115         | 9,074          |
| Manyara       | 3,537           | 779           | 4,317          | 3,374               | 758           | 4,133          |
| Njombe        | 2,377           | 762           | 3,139          | 2,453               | 801           | 3,254          |
| Katavi        | 414             | 33            | 447            | 420                 | 36            | 456            |
| Simiyu        | 1,076           | 694           | 1,769          | 1,044               | 716           | 1,760          |
| Geita         | 1,378           | 775           | 2,153          | 1,325               | 780           | 2,104          |
| <b>Total</b>  | <b>87,926</b>   | <b>22,430</b> | <b>110,356</b> | <b>87,514</b>       | <b>23,507</b> | <b>111,020</b> |



**Table 19(a): Number of Persons Engaged by Industrial Activity, Employment Status and Sex, Tanzania Mainland, CIP-2013 (10+)**

| ISIC REV.4 | Industrial Activity   | Working Proprietors and Partners |           | Employees                         |            |                    |            |                        |            | Other      |           | Total Persons Engaged |              |
|------------|---|----------------------------------|-----------|-----------------------------------|------------|--------------------|------------|------------------------|------------|------------|-----------|-----------------------|--------------|
|            |   | Male                             | Female    | Managerial and Professional Staff |            | Operatives Skilled |            | Operatives Non Skilled |            | Male       | Female    | Male                  | Female       |
|            |   |                                  |           | Male                              | Female     | Male               | Female     | Male                   | Female     |            |           |                       |              |
| 051        | Mining of hard coal   | -                                | -         | 8                                 | -          | 6                  | -          | 62                     | 1          | -          | -         | 76                    | 1            |
| -72        | Mining of non-ferrous metal ores  | 39                               | 2         | 314                               | 39         | 8,00-              | 518        | 776                    | 43         | 27         | 6         | 9,16-                 | 608          |
| 081        | Quarrying of stone, sand and clay   | 14                               | 6         | 177                               | 42         | 255                | 18         | 414                    | 85         | 1          | -         | 860                   | 151          |
| 089        | Mining and quarrying n.e.c.   | 161                              | 22        | 480                               | 36         | 1,169              | 153        | 5,528                  | 192        | 131        | 46        | 7,606                 | 454          |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>214</b>                       | <b>30</b> | <b>979</b>                        | <b>117</b> | <b>9,429</b>       | <b>689</b> | <b>6,780</b>           | <b>321</b> | <b>160</b> | <b>52</b> | <b>17,702</b>         | <b>1,215</b> |
| 101        | Processing and preserving of meat   | 4                                | -         | 40                                | 10         | 210                | 59         | 135                    | 43         | -          | -         | 403                   | 116          |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 6                                | -         | 281                               | 86         | 672                | 200        | 1,612                  | 789        | 27         | 10        | 2,599                 | 1,084        |
| 103        | Processing and preserving of fruit and vegetables   | 8                                | 3         | 109                               | 30         | 88                 | 53         | 304                    | 428        | -          | -         | 513                   | 516          |
| 104        | Manufacture of vegetable and animal oils and fats   | 94                               | 56        | 213                               | 43         | 860                | 152        | 988                    | 884        | 316        | 111       | 2,483                 | 1,251        |
| 105        | Manufacture of dairy products   | 5                                | 1         | 93                                | 38         | 127                | 22         | 163                    | 71         | 2          | -         | 393                   | 134          |
| 106        | Manufacture of grain mill products, starches and starch products  | 358                              | 104       | 454                               | 170        | 989                | 308        | 2,296                  | 666        | 24         | 36        | 4,156                 | 1,298        |
| 107        | Manufacture of other food products  | 127                              | 10        | 2,897                             | 966        | 8,030              | 1,387      | 6,636                  | 3,905      | 342        | 24        | 18,207                | 6,401        |
| 108        | Manufacture of prepared animal feeds  | 13                               | 2         | 57                                | 34         | 111                | 62         | 137                    | 61         | -          | -         | 318                   | 159          |
| 110        | Manufacture of beverages  | 23                               | 7         | 1,032                             | 385        | 1,384              | 252        | 2,480                  | 1,229      | 40         | 6         | 4,970                 | 1,889        |
| 120        | Manufacture of tobacco products   | -                                | -         | 624                               | 105        | 1,774              | 307        | 962                    | 1,268      | 10         | 11        | 3,370                 | 1,691        |
| 131        | Spinning, weaving and finishing of textiles   | 3                                | 15        | 226                               | 92         | 2,586              | 2,326      | 468                    | 167        | -          | 1         | 3,285                 | 2,601        |
| 139        | Manufacture of other textiles   | 21                               | 3         | 374                               | 132        | 3,128              | 2,448      | 2,528                  | 1,464      | 23         | 1         | 6,132                 | 4,049        |
| 141        | Manufacture of wearing apparel, except fur apparel  | 14                               | 4         | 108                               | 59         | 308                | 1,055      | 71                     | 105        | -          | -         | 504                   | 1,226        |
| 143        | Manufacture of knitted and crocheted apparel  | -                                | 1         | -                                 | 1          | 2                  | 2          | 3                      | 4          | -          | -         | 5                     | 8            |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 2                                | -         | 23                                | 6          | 53                 | 29         | 97                     | 14         | -          | -         | 176                   | 50           |
| 152        | Manufacture of footwear   | 3                                | -         | 149                               | 52         | 244                | 117        | 178                    | 155        | -          | 12        | 654                   | 336          |
| 161        | Sawmilling and planing of wood  | 40                               | 10        | 363                               | 112        | 716                | 219        | 1,641                  | 189        | 94         | 56        | 2,864                 | 586          |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 29                               | 9         | 102                               | 14         | 38                 | 1          | 83                     | 30         | 10         | 3         | 262                   | 57           |
| 170        | Manufacture of paper and paper products   | 7                                | -         | 136                               | 21         | 890                | 99         | 843                    | 224        | 8          | -         | 1,884                 | 344          |
| 181        | Printing and service activities related to printing   | 39                               | 8         | 612                               | 264        | 632                | 254        | 544                    | 330        | 36         | 19        | 1,869                 | 877          |
| 182        | Reproduction of recorded media  | -                                | -         | 29                                | 3          | 18                 | 3          | 23                     | 26         | -          | -         | 70                    | 32           |
| 192        | Manufacture of refined petroleum products   | 2                                | -         | 61                                | 11         | 95                 | 3          | 64                     | 7          | -          | -         | 222                   | 21           |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 1                                | -         | 179                               | 42         | 102                | -          | 153                    | 28         | -          | -         | 435                   | 69           |
| 202        | Manufacture of other chemical products  | 35                               | 42        | 1,093                             | 224        | 786                | 578        | 1,248                  | 1,804      | 1          | -         | 3,226                 | 2,650        |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 2                                | -         | 133                               | 56         | 199                | 236        | 95                     | 55         | -          | -         | 431                   | 347          |
| 221        | Manufacture of rubber products  | -                                | -         | 13                                | 10         | 77                 | 23         | 20                     | 18         | -          | -         | 110                   | 51           |

**Table 19(a) (cont'd): Number of Persons Engaged by Industrial Activity, Employment Status and Sex, Tanzania Mainland, CIP-2013(10+)**

| ISIC REV.4   | Industrial Activity   | Working Proprietors and Partners |            | Employees                         |              |                    |               |                        |               | Other        |            | Total Persons Engaged |               |
|--------------|---|----------------------------------|------------|-----------------------------------|--------------|--------------------|---------------|------------------------|---------------|--------------|------------|-----------------------|---------------|
|              |   |                                  |            | Managerial and Professional Staff |              | Operatives Skilled |               | Operatives Non Skilled |               |              |            |                       |               |
|              |   | Male                             | Female     | Male                              | Female       | Male               | Female        | Male                   | Female        | Male         | Female     | Male                  | Female        |
| 222          | Manufacture of plastics products  | 16                               | 3          | 552                               | 157          | 1,010              | 263           | 1,455                  | 621           | -            | -          | 3,038                 | 1,044         |
| 231          | Manufacture of glass and glass products   | -                                | -          | 41                                | 5            | 93                 | 3             | 649                    | 175           | -            | 1          | 783                   | 184           |
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 100                              | 21         | 414                               | 107          | 866                | 80            | 1,388                  | 544           | 21           | 8          | 2,813                 | 768           |
| 241          | Manufacture of basic iron and steel   | 5                                | -          | 228                               | 18           | 306                | 2             | 1,416                  | 44            | 2            | 2          | 1,978                 | 66            |
| 242          | Manufacture of basic precious and other non-ferrous metals  | -                                | -          | 52                                | -            | 26                 | -             | 52                     | -             | -            | -          | 130                   | -             |
| 251          | Manufacture of structural metal products, tanks   | 41                               | 7          | 224                               | 54           | 416                | 66            | 148                    | 38            | 167          | 8          | 1,013                 | 176           |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 13                               | -          | 131                               | 35           | 373                | 156           | 237                    | 40            | 10           | 3          | 764                   | 235           |
| 261          | Manufacture of electronic components and boards   | 6                                | 1          | 9                                 | -            | 83                 | 12            | 1                      | -             | 3            | -          | 102                   | 13            |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 1                                | -          | 10                                | 2            | -                  | -             | -                      | -             | -            | -          | 11                    | 2             |
| 272          | Manufacture of batteries and accumulators   | -                                | -          | 43                                | 14           | 11                 | -             | 57                     | 15            | -            | -          | 110                   | 30            |
| 273          | Manufacture of wiring and wiring devices  | -                                | -          | 33                                | 10           | 135                | 17            | 184                    | 40            | -            | -          | 352                   | 67            |
| 275          | Manufacture of domestic appliances  | 3                                | -          | 80                                | 65           | 49                 | 61            | 64                     | -             | -            | -          | 196                   | 126           |
| 279          | Manufacture of other electrical equipment   | -                                | -          | 17                                | 5            | 32                 | 2             | -                      | -             | -            | -          | 49                    | 7             |
| 282          | Manufacture of special-purpose machinery  | 4                                | 2          | 66                                | 21           | 163                | 64            | 27                     | 1             | 1            | -          | 266                   | 92            |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 1                                | -          | 74                                | 11           | 229                | 13            | 41                     | 2             | -            | -          | 346                   | 26            |
| 293          | Manufacture of parts and accessories for motor vehicles   | 1                                | 1          | 279                               | 84           | 103                | 73            | 281                    | 77            | -            | -          | 665                   | 235           |
| 301          | Building of ships and boats   | -                                | -          | 17                                | 4            | 18                 | 2             | -                      | -             | -            | -          | 35                    | 6             |
| 309          | Manufacture of transport equipment n.e.c.   | 1                                | -          | 60                                | 23           | 30                 | -             | 39                     | 4             | -            | -          | 131                   | 27            |
| 310          | Manufacture of furniture  | 99                               | 13         | 541                               | 145          | 1,216              | 200           | 637                    | 89            | 4            | 1          | 2,522                 | 455           |
| 321          | Manufacture of jewellery, bijouterie and related articles   | -                                | -          | 5                                 | -            | 5                  | -             | 3                      | -             | -            | -          | 13                    | -             |
| 324          | Manufacture of games and toys   | 1                                | 1          | 1                                 | 2            | 26                 | -             | 8                      | 1             | -            | -          | 38                    | 5             |
| 329          | Other manufacturing n.e.c.  | 3                                | 1          | 190                               | 145          | 211                | 215           | 166                    | 94            | 37           | 46         | 609                   | 501           |
| 331          | Repair of fabricated metal products, machinery  | -                                | -          | 14                                | 1            | 199                | 29            | 71                     | 3             | -            | -          | 284                   | 33            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>1,131</b>                     | <b>325</b> | <b>12,484</b>                     | <b>3,875</b> | <b>29,720</b>      | <b>11,454</b> | <b>30,698</b>          | <b>15,752</b> | <b>1,176</b> | <b>359</b> | <b>75,790</b>         | <b>31,942</b> |
| 351          | Electric power generation, transmission and distribution  | -                                | -          | 826                               | 166          | 4,709              | 685           | 1,098                  | 360           | 57           | 14         | 6,691                 | 1,225         |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | -                                | -          | <b>826</b>                        | <b>166</b>   | <b>4,709</b>       | <b>685</b>    | <b>1,098</b>           | <b>360</b>    | <b>57</b>    | <b>14</b>  | <b>6,691</b>          | <b>1,225</b>  |
| 360          | Water collection, treatment and supply  | 1                                | -          | 1,060                             | 342          | 1,330              | 343           | 708                    | 195           | 96           | 7          | 3,202                 | 892           |
| 383          | Materials recovery  | 2                                | -          | 21                                | -            | 16                 | 1             | 107                    | 80            | -            | -          | 146                   | 82            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>4</b>                         | <b>-</b>   | <b>1,081</b>                      | <b>342</b>   | <b>1,346</b>       | <b>345</b>    | <b>815</b>             | <b>276</b>    | <b>96</b>    | <b>7</b>   | <b>3,348</b>          | <b>974</b>    |
| <b>Total</b> |   | <b>1,348</b>                     | <b>355</b> | <b>15,370</b>                     | <b>4,500</b> | <b>45,203</b>      | <b>13,173</b> | <b>39,391</b>          | <b>16,710</b> | <b>1,489</b> | <b>432</b> | <b>103,531</b>        | <b>35,356</b> |



**Table 19(b): Number of Persons Engaged by Industrial Activity, Employment Status and Sex, Tanzania Mainland, CIP-2013 (1 - 9)**

| ISIC REV.4 | Industrial Activity   | Working Proprietors and Partners |           | Employees                         |          |                    |          |                        |            |          |          | Total Persons Engaged |            |
|------------|---|----------------------------------|-----------|-----------------------------------|----------|--------------------|----------|------------------------|------------|----------|----------|-----------------------|------------|
|            |   |                                  |           | Managerial and Professional Staff |          | Operatives Skilled |          | Operatives Non Skilled |            | Other    |          |                       |            |
|            |   | Male                             | Female    | Male                              | Female   | Male               | Female   | Male                   | Female     | Male     | Female   | Male                  | Female     |
| 072        | Mining of non-ferrous metal ores  | 11                               | -         | 3                                 | -        | 20                 | -        | 28                     | 4          | -        | 1        | 69                    | 5          |
| 081        | Quarrying of stone, sand and clay   | 137                              | 34        | 32                                | 3        | 41                 | 6        | 160                    | 26         | 2        | 4        | 416                   | 81         |
| 089        | Mining and quarrying n.e.c.   | 74                               | 5         | 16                                | -        | 23                 | -        | 121                    | 135        | 5        | -        | 275                   | 143        |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>222</b>                       | <b>39</b> | <b>51</b>                         | <b>3</b> | <b>84</b>          | <b>6</b> | <b>309</b>             | <b>165</b> | <b>7</b> | <b>5</b> | <b>760</b>            | <b>230</b> |
| 101        | Processing and preserving of meat   | 4                                | -         | 15                                | 1        | 20                 | 3        | 7                      | 2          | -        | -        | 46                    | 6          |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 1                                | -         | -                                 | -        | 1                  | -        | 3                      | -          | -        | -        | 7                     | 2          |
| 103        | Processing and preserving of fruit and vegetables   | 58                               | 49        | 11                                | 7        | 37                 | 5        | 77                     | 33         | 6        | -        | 210                   | 102        |
| 104        | Manufacture of vegetable and animal oils and fats   | 528                              | 117       | 90                                | 14       | 271                | 35       | 954                    | 188        | 49       | 14       | 2,005                 | 392        |
| 105        | Manufacture of dairy products   | 20                               | 13        | 12                                | 19       | 14                 | 17       | 32                     | 39         | 6        | -        | 92                    | 91         |
| 106        | Manufacture of grain mill products, starches and starch products  | 12,441                           | 1,571     | 1,336                             | 200      | 4,392              | 259      | 13,701                 | 1,702      | 350      | 20       | 36,076                | 4,812      |
| 107        | Manufacture of other food products  | 193                              | 62        | 156                               | 39       | 218                | 73       | 273                    | 92         | 8        | -        | 895                   | 298        |
| 108        | Manufacture of prepared animal feeds  | 46                               | 6         | 21                                | 7        | 36                 | 1        | 114                    | 17         | 3        | -        | 232                   | 34         |
| 110        | Manufacture of beverages  | 22                               | 8         | 21                                | 6        | 19                 | 7        | 39                     | 19         | -        | -        | 104                   | 42         |
| 120        | Manufacture of tobacco products   | 2                                | 2         | -                                 | -        | 21                 | 8        | 4                      | 9          | -        | -        | 29                    | 20         |
| 131        | Spinning, weaving and finishing of textiles   | 3                                | 9         | 2                                 | 2        | 5                  | 4        | 2                      | 6          | -        | -        | 12                    | 26         |
| 139        | Manufacture of other textiles   | 149                              | 569       | 36                                | 75       | 51                 | 173      | 104                    | 207        | 4        | 14       | 384                   | 1,226      |
| 141        | Manufacture of wearing apparel, except fur apparel  | 6,885                            | 6,876     | 617                               | 512      | 1,462              | 1,847    | 1,946                  | 1,929      | 86       | 266      | 12,416                | 16,142     |
| 143        | Manufacture of knitted and crocheted apparel  | 26                               | 92        | 2                                 | 10       | 7                  | 15       | 4                      | 30         | -        | 2        | 43                    | 194        |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 23                               | 4         | 1                                 | -        | 7                  | -        | 13                     | 2          | -        | -        | 56                    | 10         |
| 152        | Manufacture of footwear   | 142                              | 9         | 21                                | 9        | 66                 | 15       | 113                    | 26         | 3        | 5        | 373                   | 71         |
| 161        | Sawmilling and planing of wood  | 829                              | 55        | 248                               | 26       | 764                | 30       | 1,266                  | 61         | 57       | -        | 3,389                 | 186        |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 764                              | 41        | 118                               | 5        | 362                | 2        | 562                    | 23         | 14       | -        | 1,996                 | 78         |
| 170        | Manufacture of paper and paper products   | 4                                | -         | 5                                 | -        | 16                 | -        | -                      | -          | -        | -        | 25                    | -          |
| 181        | Printing and service activities related to printing   | 101                              | 14        | 35                                | 20       | 109                | 43       | 104                    | 38         | 3        | -        | 363                   | 124        |
| 182        | Reproduction of recorded media  | 1                                | -         | 1                                 | -        | -                  | 1        | -                      | -          | -        | -        | 2                     | 1          |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 3                                | -         | -                                 | -        | 2                  | 2        | 8                      | 7          | -        | -        | 13                    | 9          |
| 202        | Manufacture of other chemical products  | 33                               | 22        | 19                                | 3        | 28                 | 14       | 69                     | 32         | 5        | 1        | 166                   | 77         |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 2                                | -         | -                                 | -        | 2                  | -        | 4                      | -          | -        | -        | 10                    | 2          |
| 221        | Manufacture of rubber products  | 4                                | -         | -                                 | -        | -                  | -        | -                      | -          | -        | -        | 5                     | -          |
| 222        | Manufacture of plastics products  | 10                               | 4         | -                                 | -        | 22                 | 3        | 31                     | 8          | -        | 3        | 74                    | 20         |



**Table 19(b) (cont'd): Number of Persons Engaged by Industrial Activity, Employment Status and Sex, Tanzania Mainland, CIP-2013 (1 - 9)**

| ISIC REV.4   | Industrial Activity   | Working Proprietors and Partners |              | Employees                         |              |                    |              |                        |              |              |            | Total Persons Engaged |               |
|--------------|---|----------------------------------|--------------|-----------------------------------|--------------|--------------------|--------------|------------------------|--------------|--------------|------------|-----------------------|---------------|
|              |   |                                  |              | Managerial and Professional Staff |              | Operatives Skilled |              | Operatives Non Skilled |              | Other        |            |                       |               |
|              |   | Male                             | Female       | Male                              | Female       | Male               | Female       | Male                   | Female       | Male         | Female     | Male                  | Female        |
| 231          | Manufacture of glass and glass products   | 9                                | -            | 1                                 | 1            | 10                 | -            | 13                     | -            | -            | -          | 41                    | 1             |
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 799                              | 147          | 251                               | 32           | 760                | 17           | 2,416                  | 83           | 99           | 13         | 4,478                 | 316           |
| 241          | Manufacture of basic iron and steel   | 1                                | -            | 1                                 | -            | 3                  | -            | 1                      | 1            | -            | -          | 6                     | 1             |
| 243          | Casting of metals   | 2                                | -            | 1                                 | -            | 5                  | -            | 4                      | -            | -            | -          | 13                    | -             |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 3,437                            | 45           | 563                               | 23           | 2,083              | 24           | 3,947                  | 73           | 111          | 65         | 11,440                | 291           |
| 259          | Manufacture of other fabricated metal products  | 346                              | 22           | 31                                | 7            | 121                | 7            | 205                    | 8            | 7            | -          | 904                   | 65            |
| 267          | Manufacture of optical instruments and photographic equipment   | 1                                | -            | 4                                 | 1            | 2                  | -            | 1                      | -            | -            | -          | 8                     | 1             |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 1                                | -            | 1                                 | -            | -                  | -            | -                      | -            | -            | -          | 2                     | -             |
| 275          | Manufacture of domestic appliances  | 254                              | 45           | 46                                | 2            | 100                | 21           | 190                    | 24           | 9            | 3          | 645                   | 105           |
| 279          | Manufacture of other electrical equipment   | 8                                | -            | -                                 | -            | 13                 | 2            | 4                      | -            | -            | -          | 37                    | 2             |
| 281          | Manufacture of general-purpose machinery  | 2                                | -            | 2                                 | 1            | 12                 | -            | 3                      | -            | 3            | -          | 22                    | 1             |
| 282          | Manufacture of special-purpose machinery  | 83                               | 2            | 27                                | 3            | 84                 | 4            | 99                     | 9            | 6            | -          | 324                   | 21            |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 4                                | -            | -                                 | 1            | 2                  | -            | 13                     | -            | -            | -          | 19                    | 1             |
| 293          | Manufacture of parts and accessories for motor vehicles   | 13                               | 3            | 8                                 | -            | 26                 | -            | 38                     | 3            | -            | -          | 92                    | 7             |
| 301          | Building of ships and boats   | 29                               | 3            | 1                                 | -            | 4                  | -            | 15                     | -            | -            | -          | 52                    | 3             |
| 309          | Manufacture of transport equipment n.e.c.   | 31                               | 1            | 2                                 | 1            | 9                  | 2            | 21                     | 6            | -            | -          | 66                    | 10            |
| 310          | Manufacture of furniture  | 7,684                            | 121          | 1,101                             | 58           | 3,515              | 89           | 4,847                  | 179          | 307          | 7          | 20,243                | 519           |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 103                              | 19           | 77                                | 12           | 141                | 7            | 55                     | 2            | 1            | 1          | 386                   | 42            |
| 322          | Manufacture of musical instruments  | 5                                | -            | -                                 | -            | 2                  | 1            | -                      | -            | -            | -          | 11                    | 1             |
| 324          | Manufacture of games and toys   | 2                                | -            | -                                 | -            | -                  | -            | 5                      | -            | -            | -          | 7                     | -             |
| 329          | Other manufacturing n.e.c.  | 35                               | 5            | 8                                 | -            | 17                 | 2            | 20                     | 1            | 1            | -          | 88                    | 8             |
| 331          | Repair of fabricated metal products, machinery and equipment  | 22                               | 1            | 7                                 | 2            | 24                 | -            | 30                     | 1            | -            | -          | 96                    | 5             |
| <b>C</b>     | <b>Manufacturing</b>  | <b>35,164</b>                    | <b>9,939</b> | <b>4,900</b>                      | <b>1,100</b> | <b>14,865</b>      | <b>2,735</b> | <b>31,357</b>          | <b>4,860</b> | <b>1,140</b> | <b>413</b> | <b>98,001</b>         | <b>25,365</b> |
|              | 351 Electric power generation, transmission and distribution  | 96                               | 2            | 15                                | 4            | 54                 | 4            | 93                     | 6            | 4            | -          | 280                   | 22            |
|              | 353 Steam and air conditioning supply   | 4                                | -            | 1                                 | -            | 16                 | 2            | 7                      | -            | -            | -          | 30                    | 3             |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>100</b>                       | <b>2</b>     | <b>16</b>                         | <b>4</b>     | <b>70</b>          | <b>6</b>     | <b>100</b>             | <b>6</b>     | <b>4</b>     | <b>-</b>   | <b>310</b>            | <b>25</b>     |
|              | 360 Water collection, treatment and supply  | 83                               | 17           | 47                                | 11           | 73                 | 52           | 169                    | 84           | 1            | -          | 429                   | 202           |
|              | 383 Materials recovery  | 1                                | 1            | 1                                 | 1            | -                  | -            | 5                      | 5            | -            | -          | 7                     | 7             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>84</b>                        | <b>18</b>    | <b>48</b>                         | <b>12</b>    | <b>73</b>          | <b>52</b>    | <b>174</b>             | <b>89</b>    | <b>1</b>     | <b>-</b>   | <b>436</b>            | <b>209</b>    |
| <b>Total</b> |   | <b>35,570</b>                    | <b>9,997</b> | <b>5,016</b>                      | <b>1,119</b> | <b>15,092</b>      | <b>2,799</b> | <b>31,940</b>          | <b>5,120</b> | <b>1,152</b> | <b>418</b> | <b>99,507</b>         | <b>25,829</b> |



**Table 20(a): Number of Persons Engaged by Industrial Activity, Nationality and Sex, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4 | Industrial Activity   | Tanzanians    |              |               | Foreigners |           |            | Total         |              |               |
|------------|---|---------------|--------------|---------------|------------|-----------|------------|---------------|--------------|---------------|
|            |   | Male          | Female       | Total         | Male       | Female    | Total      | Male          | Female       | Total         |
| 051        | Mining of hard coal   | 72            | 1            | 73            | 4          | -         | 4          | 76            | 1            | 77            |
| 072        | Mining of non-ferrous metal ores  | 8,332         | 589          | 8,921         | 828        | 19        | 847        | 9,160         | 608          | 9,769         |
| 081        | Quarrying of stone, sand and clay   | 830           | 150          | 980           | 31         | 1         | 32         | 860           | 151          | 1,012         |
| 089        | Mining and quarrying n.e.c.   | 7,572         | 454          | 8,026         | 34         | -         | 34         | 7,606         | 454          | 8,060         |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>16,805</b> | <b>1,194</b> | <b>18,000</b> | <b>897</b> | <b>21</b> | <b>917</b> | <b>17,702</b> | <b>1,215</b> | <b>18,917</b> |
| 101        | Processing and preserving of meat   | 400           | 116          | 516           | 3          | -         | 3          | 403           | 116          | 519           |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 2,492         | 1,081        | 3,573         | 107        | 3         | 110        | 2,599         | 1,084        | 3,683         |
| 103        | Processing and preserving of fruit and vegetables   | 482           | 515          | 998           | 30         | 1         | 32         | 513           | 516          | 1,029         |
| 104        | Manufacture of vegetable and animal oils and fats   | 2,251         | 1,247        | 3,498         | 232        | 4         | 236        | 2,483         | 1,251        | 3,734         |
| 105        | Manufacture of dairy products   | 377           | 131          | 508           | 16         | 3         | 19         | 393           | 134          | 527           |
| 106        | Manufacture of grain mill products, starches and starch products  | 4,051         | 1,283        | 5,334         | 104        | 15        | 119        | 4,156         | 1,298        | 5,453         |
| 107        | Manufacture of other food products  | 17,918        | 6,347        | 24,265        | 289        | 54        | 343        | 18,207        | 6,401        | 24,608        |
| 108        | Manufacture of prepared animal feeds  | 318           | 159          | 477           | -          | -         | -          | 318           | 159          | 477           |
| 110        | Manufacture of beverages  | 4,853         | 1,867        | 6,719         | 117        | 22        | 139        | 4,970         | 1,889        | 6,859         |
| 120        | Manufacture of tobacco products   | 3,346         | 1,690        | 5,036         | 24         | 1         | 25         | 3,370         | 1,691        | 5,061         |
| 131        | Spinning, weaving and finishing of textiles   | 3,173         | 2,562        | 5,735         | 112        | 39        | 151        | 3,285         | 2,601        | 5,886         |
| 139        | Manufacture of other textiles   | 5,909         | 4,036        | 9,944         | 223        | 13        | 236        | 6,132         | 4,049        | 10,180        |
| 141        | Manufacture of wearing apparel, except fur apparel  | 469           | 1,213        | 1,682         | 35         | 13        | 49         | 504           | 1,226        | 1,730         |
| 143        | Manufacture of knitted and crocheted apparel  | 5             | 8            | 13            | -          | -         | -          | 5             | 8            | 13            |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 171           | 50           | 221           | 5          | -         | 5          | 176           | 50           | 226           |
| 152        | Manufacture of footwear   | 612           | 327          | 939           | 41         | 9         | 50         | 654           | 336          | 989           |
| 161        | Sawmilling and planing of wood  | 2,768         | 582          | 3,350         | 96         | 4         | 100        | 2,864         | 586          | 3,450         |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 261           | 57           | 318           | 1          | -         | 1          | 262           | 57           | 319           |
| 170        | Manufacture of paper and paper products   | 1,799         | 344          | 2,143         | 85         | -         | 85         | 1,884         | 344          | 2,228         |
| 181        | Printing and service activities related to printing   | 1,781         | 866          | 2,647         | 89         | 11        | 100        | 1,869         | 877          | 2,746         |
| 182        | Reproduction of recorded media  | 62            | 32           | 94            | 9          | -         | 9          | 70            | 32           | 103           |
| 192        | Manufacture of refined petroleum products   | 191           | 21           | 212           | 31         | -         | 31         | 222           | 21           | 243           |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 403           | 68           | 471           | 32         | 1         | 33         | 435           | 69           | 504           |
| 202        | Manufacture of other chemical products  | 3,067         | 2,650        | 5,717         | 159        | -         | 159        | 3,226         | 2,650        | 5,876         |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 406           | 346          | 752           | 25         | 1         | 26         | 431           | 347          | 778           |
| 221        | Manufacture of rubber products  | 105           | 40           | 145           | 5          | 11        | 16         | 110           | 51           | 161           |
| 222        | Manufacture of plastics products  | 2,827         | 1,033        | 3,860         | 211        | 11        | 222        | 3,038         | 1,044        | 4,082         |
| 231        | Manufacture of glass and glass products   | 727           | 184          | 911           | 56         | -         | 56         | 783           | 184          | 967           |



**Table 20(a) (cont'd): Number of Persons Engaged by Industrial Activity, Nationality and Sex, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4   | Industrial Activity   | Tanzanians    |               |                | Foreigners   |            |              | Total          |               |                |
|--------------|---|---------------|---------------|----------------|--------------|------------|--------------|----------------|---------------|----------------|
|              |   | Male          | Female        | Total          | Male         | Female     | Total        | Male           | Female        | Total          |
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 2,730         | 752           | 3,482          | 83           | 16         | 99           | 2,813          | 768           | 3,582          |
| 241          | Manufacture of basic iron and steel   | 1,879         | 66            | 1,945          | 99           | -          | 99           | 1,978          | 66            | 2,044          |
| 242          | Manufacture of basic precious and other non-ferrous metals  | 124           | -             | 124            | 6            | -          | 6            | 130            | -             | 130            |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 977           | 176           | 1,154          | 36           | -          | 36           | 1,013          | 176           | 1,189          |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 717           | 228           | 944            | 47           | 8          | 55           | 764            | 235           | 1,000          |
| 261          | Manufacture of electronic components and boards   | 92            | 13            | 105            | 10           | -          | 10           | 102            | 13            | 115            |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 11            | 2             | 13             | -            | -          | -            | 11             | 2             | 13             |
| 272          | Manufacture of batteries and accumulators   | 108           | 28            | 136            | 2            | 1          | 4            | 110            | 30            | 140            |
| 273          | Manufacture of wiring and wiring devices  | 343           | 67            | 410            | 9            | -          | 9            | 352            | 67            | 419            |
| 275          | Manufacture of domestic appliances  | 173           | 126           | 300            | 22           | -          | 22           | 196            | 126           | 322            |
| 279          | Manufacture of other electrical equipment   | 49            | 7             | 56             | -            | -          | -            | 49             | 7             | 56             |
| 282          | Manufacture of special-purpose machinery  | 262           | 92            | 354            | 4            | -          | 4            | 266            | 92            | 358            |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 323           | 21            | 344            | 23           | 6          | 28           | 346            | 26            | 372            |
| 293          | Manufacture of parts and accessories for motor vehicles   | 665           | 235           | 900            | -            | -          | -            | 665            | 235           | 900            |
| 301          | Building of ships and boats   | 35            | 6             | 41             | -            | -          | -            | 35             | 6             | 41             |
| 309          | Manufacture of transport equipment n.e.c.   | 116           | 27            | 143            | 15           | -          | 15           | 131            | 27            | 158            |
| 310          | Manufacture of furniture  | 2,392         | 442           | 2,834          | 130          | 13         | 143          | 2,522          | 455           | 2,977          |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 13            | -             | 13             | -            | -          | -            | 13             | -             | 13             |
| 324          | Manufacture of games and toys   | 36            | 4             | 40             | 2            | 1          | 3            | 38             | 5             | 43             |
| 329          | Other manufacturing n.e.c.  | 571           | 498           | 1,069          | 38           | 3          | 41           | 609            | 501           | 1,110          |
| 331          | Repair of fabricated metal products, machinery and equipment  | 283           | 33            | 316            | 1            | -          | 1            | 284            | 33            | 317            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>73,125</b> | <b>31,677</b> | <b>104,802</b> | <b>2,666</b> | <b>265</b> | <b>2,931</b> | <b>75,790</b>  | <b>31,942</b> | <b>107,732</b> |
| 351          | Electric power generation, transmission and distribution  | 6,689         | 1,225         | 7,913          | 2            | -          | 2            | 6,691          | 1,225         | 7,915          |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>6,689</b>  | <b>1,225</b>  | <b>7,913</b>   | <b>2</b>     | <b>-</b>   | <b>2</b>     | <b>6,691</b>   | <b>1,225</b>  | <b>7,915</b>   |
| 360          | Water collection, treatment and supply  | 3,198         | 891           | 4,090          | 3            | 1          | 4            | 3,202          | 892           | 4,094          |
| 383          | Materials recovery  | 120           | 82            | 202            | 26           | -          | 26           | 146            | 82            | 228            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>3,318</b>  | <b>973</b>    | <b>4,291</b>   | <b>30</b>    | <b>1</b>   | <b>31</b>    | <b>3,348</b>   | <b>974</b>    | <b>4,322</b>   |
| <b>Total</b> |   | <b>99,937</b> | <b>35,069</b> | <b>135,006</b> | <b>3,594</b> | <b>287</b> | <b>3,881</b> | <b>103,531</b> | <b>35,356</b> | <b>138,887</b> |



**Table 20(b): Number of Persons Engaged by Industrial Activity, Nationality and Sex, Tanzania Mainland, CIP-2013 (1 - 9)**

| ISIC Rev.4 | Industrial Activity   | Tanzanians |        |        | Foreigners |        |       | Total  |        |        |
|------------|---|------------|--------|--------|------------|--------|-------|--------|--------|--------|
|            |   | Male       | Female | Total  | Male       | Female | Total | Male   | Female | Total  |
| 072        | Mining of non-ferrous metal ores  | 69         | 5      | 74     | -          | -      | -     | 69     | 5      | 74     |
| 081        | Quarrying of stone, sand and clay   | 416        | 81     | 497    | -          | -      | -     | 416    | 81     | 497    |
| 089        | Mining and quarrying n.e.c.   | 275        | 143    | 418    | -          | -      | -     | 275    | 143    | 418    |
| <b>B</b>   | <b>Mining and quarrying</b>   | 760        | 230    | 989    | -          | -      | -     | 760    | 230    | 989    |
| 101        | Processing and preserving of meat   | 46         | 6      | 52     | -          | -      | -     | 46     | 6      | 52     |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 7          | 2      | 9      | -          | -      | -     | 7      | 2      | 9      |
| 103        | Processing and preserving of fruit and vegetables   | 210        | 102    | 313    | -          | -      | -     | 210    | 102    | 313    |
| 104        | Manufacture of vegetable and animal oils and fats   | 2,005      | 391    | 2,396  | -          | 1      | 1     | 2,005  | 392    | 2,397  |
| 105        | Manufacture of dairy products   | 92         | 91     | 182    | -          | -      | -     | 92     | 91     | 182    |
| 106        | Manufacture of grain mill products, starches and starch products  | 36,075     | 4,788  | 40,862 | 1          | 25     | 26    | 36,076 | 4,812  | 40,888 |
| 107        | Manufacture of other food products  | 890        | 290    | 1,180  | 5          | 8      | 13    | 895    | 298    | 1,193  |
| 108        | Manufacture of prepared animal feeds  | 232        | 34     | 266    | -          | -      | -     | 232    | 34     | 266    |
| 110        | Manufacture of beverages  | 102        | 40     | 141    | 2          | 2      | 4     | 104    | 42     | 145    |
| 120        | Manufacture of tobacco products   | 29         | 20     | 49     | -          | -      | -     | 29     | 20     | 49     |
| 131        | Spinning, weaving and finishing of textiles   | 12         | 26     | 38     | -          | -      | -     | 12     | 26     | 38     |
| 139        | Manufacture of other textiles   | 384        | 1,226  | 1,610  | -          | -      | -     | 384    | 1,226  | 1,610  |
| 141        | Manufacture of wearing apparel, except fur apparel  | 12,408     | 16,127 | 28,535 | 8          | 15     | 23    | 12,416 | 16,142 | 28,558 |
| 143        | Manufacture of knitted and crocheted apparel  | 43         | 194    | 237    | -          | -      | -     | 43     | 194    | 237    |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 56         | 10     | 66     | -          | -      | -     | 56     | 10     | 66     |
| 152        | Manufacture of footwear   | 373        | 71     | 444    | -          | -      | -     | 373    | 71     | 444    |
| 161        | Sawmilling and planing of wood  | 3,388      | 186    | 3,574  | 1          | -      | 1     | 3,389  | 186    | 3,575  |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 1,996      | 77     | 2,073  | -          | 1      | 1     | 1,996  | 78     | 2,074  |
| 170        | Manufacture of paper and paper products   | 25         | -      | 25     | -          | -      | -     | 25     | -      | 25     |
| 181        | Printing and service activities related to printing   | 362        | 122    | 484    | 1          | 2      | 3     | 363    | 124    | 487    |
| 182        | Reproduction of recorded media  | 2          | 1      | 3      | -          | -      | -     | 2      | 1      | 3      |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 13         | 9      | 23     | -          | -      | -     | 13     | 9      | 23     |
| 202        | Manufacture of other chemical products  | 166        | 77     | 243    | -          | -      | -     | 166    | 77     | 243    |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 10         | 2      | 12     | -          | -      | -     | 10     | 2      | 12     |
| 221        | Manufacture of rubber products  | 5          | -      | 5      | -          | -      | -     | 5      | -      | 5      |
| 222        | Manufacture of plastics products  | 74         | 20     | 94     | -          | -      | -     | 74     | 20     | 94     |
| 231        | Manufacture of glass and glass products   | 41         | 1      | 42     | -          | -      | -     | 41     | 1      | 42     |
| 239        | Manufacture of non-metallic mineral products n.e.c.   | 4,478      | 313    | 4,791  | -          | 3      | 3     | 4,478  | 316    | 4,794  |
| 241        | Manufacture of basic iron and steel   | 6          | 1      | 7      | -          | -      | -     | 6      | 1      | 7      |

**Table 20(b) (cont'd): Number of Persons Engaged by Industrial Activity, Nationality and Sex, Tanzania Mainland, CIP-2013 (1 - 9)**

| ISIC Rev.4   | Industrial Activity   | Tanzanians    |               |                | Foreigners |           |            | Total         |               |                |
|--------------|---|---------------|---------------|----------------|------------|-----------|------------|---------------|---------------|----------------|
|              |   | Male          | Female        | Total          | Male       | Female    | Total      | Male          | Female        | Total          |
| 243          | Casting of metals   | 13            | -             | 13             | -          | -         | -          | 13            | -             | 13             |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 11,432        | 283           | 11,715         | 9          | 8         | 17         | 11,440        | 291           | 11,731         |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 903           | 65            | 968            | 1          | -         | 1          | 904           | 65            | 969            |
| 267          | Manufacture of optical instruments and photographic equipment   | 8             | 1             | 9              | -          | -         | -          | 8             | 1             | 9              |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 2             | -             | 2              | -          | -         | -          | 2             | -             | 2              |
| 275          | Manufacture of domestic appliances  | 645           | 105           | 750            | -          | -         | -          | 645           | 105           | 750            |
| 279          | Manufacture of other electrical equipment   | 37            | 2             | 39             | -          | -         | -          | 37            | 2             | 39             |
| 281          | Manufacture of general-purpose machinery  | 22            | 1             | 23             | -          | -         | -          | 22            | 1             | 23             |
| 282          | Manufacture of special-purpose machinery  | 324           | 21            | 344            | -          | -         | -          | 324           | 21            | 344            |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 19            | 1             | 20             | -          | -         | -          | 19            | 1             | 20             |
| 293          | Manufacture of parts and accessories for motor vehicles   | 92            | 7             | 99             | -          | -         | -          | 92            | 7             | 99             |
| 301          | Building of ships and boats   | 52            | 3             | 55             | -          | -         | -          | 52            | 3             | 55             |
| 309          | Manufacture of transport equipment n.e.c.   | 66            | 10            | 76             | -          | -         | -          | 66            | 10            | 76             |
| 310          | Manufacture of furniture  | 20,221        | 512           | 20,733         | 22         | 7         | 29         | 20,243        | 519           | 20,762         |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 384           | 40            | 424            | 2          | 2         | 4          | 386           | 42            | 428            |
| 322          | Manufacture of musical instruments  | 11            | 1             | 12             | -          | -         | -          | 11            | 1             | 12             |
| 324          | Manufacture of games and toys   | 7             | -             | 7              | -          | -         | -          | 7             | -             | 7              |
| 329          | Other manufacturing n.e.c.  | 88            | 8             | 96             | -          | -         | -          | 88            | 8             | 96             |
| 331          | Repair of fabricated metal products, machinery and equipment  | 96            | 5             | 101            | -          | -         | -          | 96            | 5             | 101            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>97,948</b> | <b>25,291</b> | <b>123,240</b> | <b>52</b>  | <b>74</b> | <b>126</b> | <b>98,001</b> | <b>25,365</b> | <b>123,366</b> |
| 351          | Electric power generation, transmission and distribution  | 280           | 22            | 302            | -          | -         | -          | 280           | 22            | 302            |
| 353          | Steam and air conditioning supply   | 30            | 3             | 33             | -          | -         | -          | 30            | 3             | 33             |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>310</b>    | <b>25</b>     | <b>335</b>     | <b>-</b>   | <b>-</b>  | <b>-</b>   | <b>310</b>    | <b>25</b>     | <b>335</b>     |
| 360          | Water collection, treatment and supply  | 429           | 202           | 632            | -          | -         | -          | 429           | 202           | 632            |
| 383          | Materials recovery  | 7             | 7             | 14             | -          | -         | -          | 7             | 7             | 14             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>436</b>    | <b>209</b>    | <b>646</b>     | <b>-</b>   | <b>-</b>  | <b>-</b>   | <b>436</b>    | <b>209</b>    | <b>646</b>     |
| <b>Total</b> |   | <b>99,455</b> | <b>25,755</b> | <b>125,210</b> | <b>52</b>  | <b>74</b> | <b>126</b> | <b>99,507</b> | <b>25,829</b> | <b>125,336</b> |



**Table 21(a): Compensation of Employees and Labor Costs by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4 | Industrial Activity   | Compensation of employees |                   |                    |                   |                         | Total              | Training Expenses | Other Expenses   | Total Labour Cost  |
|------------|---|---------------------------|-------------------|--------------------|-------------------|-------------------------|--------------------|-------------------|------------------|--------------------|
|            |   | Gross wages and Salaries  | Overtime Payments | Reimbursements     | Payments in Kind  | Social Security Schemes |                    |                   |                  |                    |
| 051        | Mining of hard coal   | 296,655                   | -                 | -                  | 48,026            | 29,666                  | 374,347            | -                 | -                | 374,347            |
| 072        | Mining of non-ferrous metal ores  | 70,385,288                | 2,898,003         | 161,717,511        | 43,524,157        | 46,071,229              | 324,596,187        | 15,770,286        | 17,283           | 340,383,755        |
| 081        | Quarrying of stone, sand and clay   | 2,969,277                 | 241,474           | 122,817            | 828,717           | 309,436                 | 4,471,720          | 4,810             | 58,767           | 4,535,297          |
| 089        | Mining and quarrying n.e.c.   | 28,720,385                | 742,882           | 254,034            | 1,650,881         | 2,300,128               | 33,668,309         | 73,306            | 1,136,305        | 34,877,920         |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>102,371,605</b>        | <b>3,882,358</b>  | <b>162,094,361</b> | <b>46,051,781</b> | <b>48,710,458</b>       | <b>363,110,563</b> | <b>15,848,402</b> | <b>1,212,355</b> | <b>380,171,319</b> |
| 101        | Processing and preserving of meat   | 1,545,421                 | 123,000           | 70,514             | 12,261            | 129,314                 | 1,880,509          | 13,590            | 97,445           | 1,991,544          |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 11,635,015                | 88,734            | 437,697            | 315,552           | 856,415                 | 13,333,413         | 2,945             | 398,282          | 13,734,639         |
| 103        | Processing and preserving of fruit and vegetables   | 3,755,276                 | 53,067            | 71,513             | 134,655           | 247,888                 | 4,262,399          | 123,858           | 296,555          | 4,682,812          |
| 104        | Manufacture of vegetable and animal oils and fats   | 8,234,846                 | 126,719           | 538,582            | 1,346,981         | 424,191                 | 10,671,318         | 125,188           | 291,623          | 11,088,130         |
| 105        | Manufacture of dairy products   | 3,100,201                 | 7,696             | 35,100             | 79,565            | 279,410                 | 3,501,972          | 1,401             | 161,613          | 3,664,986          |
| 106        | Manufacture of grain mill products, starches and starch products  | 25,054,964                | 136,836           | 1,159,368          | 1,185,488         | 2,070,381               | 29,607,037         | 200,532           | 303,743          | 30,111,311         |
| 107        | Manufacture of other food products  | 85,381,372                | 8,908,276         | 1,130,915          | 4,327,477         | 8,287,414               | 108,035,454        | 832,419           | 3,021,624        | 111,889,496        |
| 108        | Manufacture of prepared animal feeds  | 1,527,282                 | 6,055             | 8,084              | 94,103            | 120,109                 | 1,755,632          | 17,062            | 9,268            | 1,781,962          |
| 110        | Manufacture of beverages  | 100,996,735               | 45,392,400        | 5,176,797          | 7,094,142         | 7,607,928               | 166,268,002        | 1,961,698         | 2,120,614        | 170,350,315        |
| 120        | Manufacture of tobacco products   | 45,010,540                | 1,552,680         | 136,580            | 9,707,716         | 3,673,232               | 60,080,748         | 534,689           | 4,743,314        | 65,358,751         |
| 131        | Spinning, weaving and finishing of textiles   | 10,317,677                | 30,384            | 399,412            | 11,744,973        | 652,124                 | 23,144,571         | 3,617             | 59,550           | 23,207,738         |
| 139        | Manufacture of other textiles   | 22,219,855                | 311,113           | 278,626            | 13,706,871        | 1,533,861               | 38,050,326         | 355,541           | 1,883,710        | 40,289,577         |
| 141        | Manufacture of wearing apparel, except fur apparel  | 4,163,171                 | 760,029           | 40,412             | 932,339           | 597,829                 | 6,493,779          | 5,118             | 30,602           | 6,529,499          |
| 143        | Manufacture of knitted and crocheted apparel  | 7,504                     | 675               | 2,401              | 750               | 750                     | 12,081             | 600               | -                | 12,682             |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 426,155                   | -                 | -                  | 9,193             | 33,121                  | 468,469            | 4,477             | 9,567            | 482,513            |
| 152        | Manufacture of footwear   | 1,898,240                 | 6,757             | 38,804             | 97,749            | 106,047                 | 2,147,597          | 129               | 43,119           | 2,190,845          |
| 161        | Sawmilling and planing of wood  | 7,134,025                 | 141,351           | 80,958             | 532,166           | 620,739                 | 8,509,238          | 33,666            | 103,319          | 8,646,223          |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 1,193,256                 | 22,366            | 24                 | 37,434            | 44,499                  | 1,297,578          | 2,638             | 24,460           | 1,324,677          |
| 170        | Manufacture of paper and paper products   | 8,017,865                 | 82,421            | 884,538            | 532,946           | 510,195                 | 10,027,965         | 38,262            | 945,991          | 11,012,218         |
| 181        | Printing and service activities related to printing   | 14,303,619                | 120,108           | 770,619            | 1,883,374         | 1,826,674               | 18,904,395         | 294,682           | 456,720          | 19,655,797         |
| 182        | Reproduction of recorded media  | 961,588                   | -                 | 66,508             | 1,834             | 22,012                  | 1,051,942          | -                 | 12,444           | 1,064,386          |
| 192        | Manufacture of refined petroleum products   | 1,090,511                 | 60,361            | 1,201              | 176,812           | 101,435                 | 1,430,321          | 1,206             | 27,475           | 1,459,001          |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 4,529,859                 | 238,631           | -                  | 410,108           | 285,870                 | 5,464,469          | 9,469             | 70,609           | 5,544,548          |
| 202        | Manufacture of other chemical products  | 24,176,714                | 247,719           | 629,319            | 1,471,911         | 2,445,061               | 28,970,724         | 396,021           | 298,435          | 29,665,181         |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 3,829,346                 | 94,552            | 125,407            | 806,616           | 283,745                 | 5,139,666          | 59,868            | 305,287          | 5,504,822          |
| 221        | Manufacture of rubber products  | 239,522                   | 8,497             | 17,044             | 13,511            | 12,622                  | 291,195            | 18,546            | 17,612           | 327,354            |
| 222        | Manufacture of plastics products  | 16,462,876                | 257,329           | 636,143            | 1,266,512         | 801,433                 | 19,424,294         | 229,949           | 693,022          | 20,347,265         |



**Table 21(a) (cont'd): Compensation of Employees and Labour Costs by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Compensation of employees |                   |                    |                    |                         | Total                | Training Expenses | Other Expenses    | Total Labour Cost    |
|--------------|---|---------------------------|-------------------|--------------------|--------------------|-------------------------|----------------------|-------------------|-------------------|----------------------|
|              |   | Gross wages and Salaries  | Overtime Payments | Reimburse-ments    | Payments in Kind   | Social Security Schemes |                      |                   |                   |                      |
| 231          | Manufacture of glass and glass products   | 4,362,156                 | 506,372           | 229,851            | 942,336            | 277,195                 | 6,317,911            | 109,552           | 579,426           | 7,006,889            |
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 32,920,095                | 2,687,622         | 1,835,446          | 6,895,488          | 3,872,503               | 48,211,154           | 967,341           | 2,310,399         | 51,488,894           |
| 241          | Manufacture of basic iron and steel   | 4,404,043                 | -                 | 317,072            | 378,590            | 426,808                 | 5,526,513            | -                 | 482,556           | 6,009,069            |
| 242          | Manufacture of basic precious and other non-ferrous metals  | 154,139                   | -                 | -                  | -                  | 15,413                  | 169,551              | -                 | -                 | 169,551              |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 2,539,741                 | 29,794            | 15,881             | 273,561            | 158,945                 | 3,017,923            | 2,603             | 26,448            | 3,046,974            |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 3,728,086                 | 214,507           | 206,154            | 410,962            | 322,278                 | 4,881,987            | 56,848            | 83,996            | 5,022,831            |
| 261          | Manufacture of electronic components and boards   | 2,862,337                 | 372,104           | 19,450             | 192,103            | -                       | 3,445,994            | 80,043            | -                 | 3,526,037            |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 47,380                    | 9,761             | 5,978              | 9,530              | 5,713                   | 78,363               | 1,898             | -                 | 80,261               |
| 272          | Manufacture of batteries and accumulators   | 978,363                   | 10,504            | 28,835             | 53,130             | 108,323                 | 1,179,155            | 1,431             | 7,893             | 1,188,479            |
| 273          | Manufacture of wiring and wiring devices  | 810,277                   | -                 | 202,862            | 50,620             | 79,752                  | 1,143,511            | 37,896            | 8,584             | 1,189,991            |
| 275          | Manufacture of domestic appliances  | 1,013,013                 | -                 | 365,043            | 305,689            | 63,505                  | 1,747,250            | -                 | 26,772            | 1,774,022            |
| 279          | Manufacture of other electrical equipment   | 451,154                   | -                 | -                  | 260,961            | 130,870                 | 842,986              | 26,242            | 2,014             | 871,242              |
| 282          | Manufacture of special-purpose machinery  | 2,277,260                 | 117,263           | 129,763            | 293,532            | 354,063                 | 3,171,880            | 21,601            | 94,864            | 3,288,344            |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 872,040                   | 82,034            | 91,661             | 66,138             | 114,003                 | 1,225,876            | 33,850            | 197,852           | 1,457,578            |
| 293          | Manufacture of parts and accessories for motor vehicles   | 4,498,614                 | -                 | -                  | 41,380             | 60,364                  | 4,600,357            | 16,912            | 61,511            | 4,678,781            |
| 301          | Building of ships and boats   | 70,253                    | -                 | -                  | -                  | 7,423                   | 77,676               | -                 | 5,968             | 83,644               |
| 309          | Manufacture of transport equipment n.e.c.   | 1,442,417                 | 14,512            | -                  | 867,334            | 117,608                 | 2,441,871            | 82,547            | 10,835            | 2,535,253            |
| 310          | Manufacture of furniture  | 12,268,970                | 241,602           | 1,319,641          | 1,344,325          | 1,125,638               | 16,300,176           | 135,111           | 731,950           | 17,167,238           |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 32,537                    | -                 | -                  | -                  | 3,254                   | 35,791               | -                 | -                 | 35,791               |
| 324          | Manufacture of games and toys   | 31,157                    | -                 | 3,598              | 369                | 4,923                   | 40,047               | -                 | -                 | 40,047               |
| 329          | Other manufacturing n.e.c.  | 2,711,289                 | 15,225            | 81,799             | 166,167            | 170,483                 | 3,144,964            | 642,161           | 183,901           | 3,971,026            |
| 331          | Repair of fabricated metal products, machinery and equipment  | 1,765,221                 | 52,287            | 10,132             | 353,261            | 420,905                 | 2,601,806            | 3,882             | 38,728            | 2,644,416            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>487,453,977</b>        | <b>63,131,343</b> | <b>17,599,735</b>  | <b>70,828,514</b>  | <b>41,414,268</b>       | <b>680,427,838</b>   | <b>7,487,092</b>  | <b>21,279,702</b> | <b>709,194,631</b>   |
| 351          | Electric power generation, transmission and distribution  | 150,300,591               | 43,397            | 265,820            | 12,376,966         | 17,807,134              | 180,793,908          | 3,664,160         | 1,915,597         | 186,373,665          |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>150,300,591</b>        | <b>43,397</b>     | <b>265,820</b>     | <b>12,376,966</b>  | <b>17,807,134</b>       | <b>180,793,908</b>   | <b>3,664,160</b>  | <b>1,915,597</b>  | <b>186,373,665</b>   |
| 360          | Water collection, treatment and supply  | 21,005,854                | 742,682           | 900,819            | 3,926,299          | 2,400,321               | 28,975,976           | 907,277           | 1,471,706         | 31,354,959           |
| 383          | Materials recovery  | 425,729                   | -                 | 78,540             | 11,651             | 10,796                  | 526,716              | -                 | 416               | 527,132              |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>21,431,583</b>         | <b>742,682</b>    | <b>979,359</b>     | <b>3,937,950</b>   | <b>2,411,117</b>        | <b>29,502,692</b>    | <b>907,277</b>    | <b>1,472,122</b>  | <b>31,882,091</b>    |
| <b>Total</b> |   | <b>761,557,757</b>        | <b>67,799,780</b> | <b>180,939,275</b> | <b>133,195,212</b> | <b>110,342,977</b>      | <b>1,253,835,001</b> | <b>27,906,930</b> | <b>25,879,776</b> | <b>1,307,621,707</b> |



**Table 21(b): Compensation of Employees and Labor Costs by Industrial Activity, Tanzania Mainland, CIP-2013 (1 - 9)**

(TZS 000)

| ISIC Rev.4 | Industrial Activity   | Compensation of employees |                  |                         | Total            | Other Expenses | Total Labour Cost |
|------------|---|---------------------------|------------------|-------------------------|------------------|----------------|-------------------|
|            |   | Gross Wages and Salaries  | Payments in Kind | Social Security Schemes |                  |                |                   |
| 072        | Mining of non-ferrous metal ores  | 84,112                    | 43,504           | -                       | 127,616          | 5,248          | 132,865           |
| 081        | Quarrying of stone, sand and clay   | 444,457                   | 265,202          | 1,030                   | 710,689          | 2,715          | 713,403           |
| 089        | Mining and quarrying n.e.c.   | 254,658                   | 93,558           | 1,513                   | 349,728          | 7,057          | 356,785           |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>783,227</b>            | <b>402,263</b>   | <b>2,543</b>            | <b>1,188,033</b> | <b>15,020</b>  | <b>1,203,053</b>  |
| 101        | Processing and preserving of meat   | 29,714                    | 3,795            | 642                     | 34,152           | -              | 34,152            |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 9,606                     | -                | -                       | 9,606            | 280            | 9,886             |
| 103        | Processing and preserving of fruit and vegetables   | 180,619                   | 45,378           | 1,081                   | 227,078          | 3,396          | 230,474           |
| 104        | Manufacture of vegetable and animal oils and fats   | 1,598,988                 | 588,556          | 5,545                   | 2,193,090        | 38,592         | 2,231,681         |
| 105        | Manufacture of dairy products   | 236,437                   | 30,882           | 9,721                   | 277,039          | 4,840          | 281,879           |
| 106        | Manufacture of grain mill products, starches and starch products  | 20,968,991                | 8,484,833        | 107,952                 | 29,561,776       | 320,867        | 29,882,643        |
| 107        | Manufacture of other food products  | 1,406,449                 | 315,970          | 23,537                  | 1,745,955        | 11,261         | 1,757,216         |
| 108        | Manufacture of prepared animal feeds  | 359,305                   | 79,162           | 3,248                   | 441,714          | 6,208          | 447,922           |
| 110        | Manufacture of beverages  | 139,800                   | 66,374           | 2,622                   | 208,796          | -              | 208,796           |
| 120        | Manufacture of tobacco products   | 40,311                    | 1,153            | -                       | 41,463           | -              | 41,463            |
| 131        | Spinning, weaving and finishing of textiles   | 37,088                    | 43,220           | -                       | 80,308           | -              | 80,308            |
| 139        | Manufacture of other textiles   | 1,183,461                 | 559,769          | -                       | 1,743,230        | 4,256          | 1,747,486         |
| 141        | Manufacture of wearing apparel, except fur apparel  | 12,201,449                | 8,695,648        | 3,981                   | 20,901,078       | 74,293         | 20,975,371        |
| 143        | Manufacture of knitted and crocheted apparel  | 67,905                    | 80,805           | 144                     | 148,854          | 313            | 149,167           |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 35,297                    | 6,839            | 1,101                   | 43,237           | 48             | 43,285            |
| 152        | Manufacture of footwear   | 492,680                   | 101,152          | 5,253                   | 599,086          | 2,316          | 601,402           |
| 161        | Sawmilling and planing of wood  | 3,160,705                 | 841,419          | 13,815                  | 4,015,938        | 44,423         | 4,060,361         |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 1,790,862                 | 488,124          | 1,949                   | 2,280,935        | 3,565          | 2,284,500         |
| 170        | Manufacture of paper and paper products   | 22,424                    | 3,010            | -                       | 25,434           | 742            | 26,176            |
| 181        | Printing and service activities related to printing   | 822,623                   | 152,871          | 25,513                  | 1,001,006        | 9,763          | 1,010,769         |
| 182        | Reproduction of recorded media  | 1,801                     | -                | -                       | 1,801            | 70             | 1,871             |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 31,048                    | 7,026            | -                       | 38,074           | -              | 38,074            |
| 202        | Manufacture of other chemical products  | 189,647                   | 77,258           | 977                     | 267,882          | 753            | 268,635           |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 1,451                     | 3,502            | -                       | 4,953            | 100            | 5,053             |
| 221        | Manufacture of rubber products  | -                         | 300              | 80                      | 380              | -              | 380               |
| 222        | Manufacture of plastics products  | 131,526                   | 11,640           | 12,787                  | 155,953          | 1,293          | 157,246           |
| 231        | Manufacture of glass and glass products   | 61,885                    | 10,977           | -                       | 72,862           | -              | 72,862            |



**Table 21(b) (cont'd): Compensation of Employees and Labour Costs by Industrial Activity, Tanzania Mainland, Tanzania Mainland, CIP-2013 (1 - 9)**

|              |   | (TZS 000)                 |                   |                         |                    |                |                    |
|--------------|---|---------------------------|-------------------|-------------------------|--------------------|----------------|--------------------|
| ISIC Rev.4   | Industrial Activity   | Compensation of employees |                   |                         | Total              | Other Expenses | Total Labour Cost  |
|              |   | Gross wages and Salaries  | Payments in Kind  | Social Security Schemes |                    |                |                    |
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 7,000,088                 | 441,132           | 10,535                  | 7,451,755          | 31,805         | 7,483,560          |
| 241          | Manufacture of basic iron and steel   | 15,430                    | 4,130             | -                       | 19,560             | 180            | 19,740             |
| 243          | Casting of metals   | 16,570                    | 1,249             | -                       | 17,819             | -              | 17,819             |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 10,437,217                | 2,607,292         | 16,324                  | 13,060,833         | 43,261         | 13,104,093         |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 581,251                   | 180,392           | 4,164                   | 765,807            | 11,654         | 777,461            |
| 267          | Manufacture of optical instruments and photographic equipment   | 24,868                    | -                 | 2,084                   | 26,953             | 664            | 27,617             |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 300                       | 840               | -                       | 1,140              | -              | 1,140              |
| 275          | Manufacture of domestic appliances  | 686,638                   | 160,021           | -                       | 846,659            | 16,716         | 863,375            |
| 279          | Manufacture of other electrical equipment   | 36,682                    | 4,923             | -                       | 41,606             | -              | 41,606             |
| 281          | Manufacture of general-purpose machinery  | 33,662                    | 3,602             | 2,087                   | 39,352             | 50             | 39,402             |
| 282          | Manufacture of special-purpose machinery  | 472,379                   | 99,014            | 4,160                   | 575,552            | 15,003         | 590,554            |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 57,755                    | 4,631             | -                       | 62,386             | -              | 62,386             |
| 293          | Manufacture of parts and accessories for motor vehicles   | 154,821                   | 9,405             | 46,597                  | 210,823            | 160            | 210,983            |
| 301          | Building of ships and boats   | 17,839                    | 16,812            | -                       | 34,650             | 250            | 34,901             |
| 309          | Manufacture of transport equipment n.e.c.   | 54,698                    | 20,818            | 726                     | 76,243             | 388            | 76,631             |
| 310          | Manufacture of furniture  | 15,714,860                | 4,746,965         | 66,678                  | 20,528,503         | 99,337         | 20,627,840         |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 572,485                   | 121,316           | 32,206                  | 726,007            | 4,654          | 730,660            |
| 322          | Manufacture of musical instruments  | 1,501                     | 7,513             | -                       | 9,013              | 400            | 9,413              |
| 324          | Manufacture of games and toys   | 21,374                    | 288               | -                       | 21,662             | -              | 21,662             |
| 329          | Other manufacturing n.e.c.  | 67,361                    | 16,350            | -                       | 83,711             | 321            | 84,032             |
| 331          | Repair of fabricated metal products, machinery and equipment  | 137,985                   | 22,817            | 540                     | 161,342            | -              | 161,342            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>81,307,836</b>         | <b>29,169,172</b> | <b>406,049</b>          | <b>110,883,057</b> | <b>752,219</b> | <b>111,635,277</b> |
| 351          | Electric power generation, transmission and distribution  | 163,112                   | 51,380            | 2,100                   | 216,592            | 1,618          | 218,210            |
| 353          | Steam and air conditioning supply   | 34,662                    | 4,915             | -                       | 39,577             | -              | 39,577             |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>197,775</b>            | <b>56,295</b>     | <b>2,100</b>            | <b>256,169</b>     | <b>1,618</b>   | <b>257,787</b>     |
| 360          | Water collection, treatment and supply  | 438,360                   | 117,315           | 6,900                   | 562,576            | 20,187         | 582,763            |
| 383          | Materials recovery  | 19,047                    | -                 | -                       | 19,047             | 2,502          | 21,548             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>457,407</b>            | <b>117,315</b>    | <b>6,900</b>            | <b>581,623</b>     | <b>22,689</b>  | <b>604,311</b>     |
| <b>Total</b> |   | <b>82,746,245</b>         | <b>29,745,045</b> | <b>417,592</b>          | <b>112,908,882</b> | <b>791,546</b> | <b>113,700,428</b> |



**Table 22(a): Intermediate Consumption by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity  | Raw Materials        |                      | Electricity, Water,<br>gas and fuels<br>purchased | Industrial<br>Services | Non - Industrial<br>Services | Change Stock       | Total Intermediate<br>Consumption |
|--------------|--|----------------------|----------------------|---|------------------------|------------------------------|--------------------|-----------------------------------|
|              |  | Imported             | Local                |   |                        |                              |                    |                                   |
| 05           | Mining of coal and lignite   | -                    | -                    | 1,058,943   | -                      | 638,901                      | -                  | 1,697,844                         |
| 07           | Mining of metal ores   | 34,659,246           | 4,524,945            | 766,744,544                                       | 53,191,132             | 6,326,520                    | -85,655,226        | 951,101,613                       |
| 08           | Other mining and quarrying   | 6,197,660            | 6,756,097            | 31,523,603  | 35,664,179             | 33,509,029                   | -522,401           | 114,172,969                       |
| <b>B</b>     | <b>Mining and quarrying</b>  | <b>40,856,905</b>    | <b>11,281,042</b>    | <b>799,327,090</b>                                | <b>88,855,311</b>      | <b>40,474,451</b>            | <b>-86,177,627</b> | <b>1,066,972,426</b>              |
| 10           | Manufacture of food products   | 934,215,921          | 914,325,369          | 161,205,276                                       | 56,887,649             | 157,582,262                  | 31,361,749         | 2,192,854,728                     |
| 11           | Manufacture of beverages   | 140,845,884          | 345,664,353          | 48,294,537  | 55,261,466             | 201,103,759                  | 67,340,843         | 723,829,155                       |
| 12           | Manufacture of tobacco products  | 38,447,537           | 149,598,921          | 13,438,887  | 11,181,008             | 56,416,158                   | 23,346,704         | 245,735,808                       |
| 13           | Manufacture of textiles  | 116,161,233          | 88,047,883           | 39,605,467  | 8,669,410              | 16,202,888                   | 27,829,824         | 240,857,057                       |
| 14           | Manufacture of wearing apparel   | 8,722,175            | 1,127,102            | 658,228   | 1,674,618              | 2,454,595                    | 66,853             | 14,569,865                        |
| 15           | Manufacture of leather and related products  | 11,529,787           | 24,957,436           | 2,122,081   | 712,961                | 1,219,661                    | -534,713           | 41,076,640                        |
| 16           | Manufacture of wood and of products of wood and cork, except furniture;<br>manufacture of articles of straw and plaiting materials | 2,696,019            | 19,700,493           | 3,841,417   | 4,701,010              | 7,432,504                    | -18,142,451        | 56,513,894                        |
| 17           | Manufacture of paper and paper products  | 22,585,356           | 20,357,483           | 18,459,500  | 9,590,061              | 10,555,891                   | 1,164,629          | 80,383,662                        |
| 18           | Printing and reproduction of recorded media  | 32,997,415           | 42,081,051           | 4,555,629   | 7,076,274              | 14,964,675                   | -6,382,378         | 108,057,422                       |
| 19           | Manufacture of coke and refined petroleum products   | 36,855,269           | 14,712,498           | 6,482,120   | 812,747                | 1,932,470                    | 5,802,971          | 54,992,134                        |
| 20           | Manufacture of chemicals and chemical products   | 290,849,921          | 40,010,143           | 28,627,179  | 7,366,926              | 23,215,706                   | 7,817,768          | 382,252,107                       |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical<br>preparations  | 33,050,098           | 1,196,252            | 1,766,800   | 1,025,020              | 3,080,614                    | -470,964           | 40,589,748                        |
| 22           | Manufacture of rubber and plastics products  | 366,505,054          | 48,445,606           | 17,819,955  | 4,467,823              | 19,623,505                   | 11,363,555         | 445,498,389                       |
| 23           | Manufacture of other non-metallic mineral products   | 60,820,746           | 190,053,913          | 137,581,023                                       | 33,279,410             | 42,278,957                   | 11,771,916         | 452,242,133                       |
| 24           | Manufacture of basic metals  | 49,334,940           | 62,437,764           | 23,936,076  | 4,546,846              | 3,709,138                    | 5,746,955          | 138,217,807                       |
| 25           | Manufacture of fabricated metal products, except machinery and equipment   | 31,553,883           | 40,505,055           | 4,019,512   | 2,287,038              | 3,899,950                    | 2,552,234          | 79,713,204                        |
| 26           | Manufacture of computer, electronic and optical products   | 4,290,303            | -                    | 378,423   | 112,861                | 341,604                      | -365,296           | 5,488,488                         |
| 27           | Manufacture of electrical equipment  | 61,079,468           | 12,356,908           | 2,535,869   | 798,072                | 4,755,809                    | 874,235            | 80,651,891                        |
| 28           | Manufacture of machinery and equipment n.e.c.  | 1,157,021            | 4,236,256            | 546,661   | 288,470                | 353,179                      | 436,587            | 6,145,000                         |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers  | 7,601,023            | 13,370,916           | 1,036,993   | 359,543                | 1,693,845                    | 1,428,272          | 22,634,047                        |
| 30           | Manufacture of other transport equipment   | 38,319,901           | 500,887              | 603,611   | 546,613                | 5,016,069                    | -1,609,565         | 46,596,646                        |
| 31           | Manufacture of furniture   | 202,467,129          | 40,723,249           | 8,521,215   | 1,824,821              | 11,474,749                   | 3,381,700          | 261,629,462                       |
| 32           | Other manufacturing  | 9,345,394            | 29,188,919           | 1,246,370   | 1,127,948              | 2,604,795                    | -104,545           | 43,617,971                        |
| 33           | Repair and installation of machinery and equipment   | -                    | 1,651,230            | 162,539   | 788,284                | 242,305                      | -236,990           | 3,081,348                         |
| <b>C</b>     | <b>Manufacturing</b>   | <b>2,501,431,479</b> | <b>2,105,249,687</b> | <b>527,445,368</b>                                | <b>215,386,878</b>     | <b>592,155,087</b>           | <b>174,439,891</b> | <b>5,767,228,608</b>              |
| 35           | Electricity, gas, steam and air conditioning supply  | 11,910,341           | 1,048,139,051        | 152,793,489                                       | 82,413,473             | 153,510,805                  | 7,384,570          | 1,441,382,589                     |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>11,910,341</b>    | <b>1,048,139,051</b> | <b>152,793,489</b>                                | <b>82,413,473</b>      | <b>153,510,805</b>           | <b>7,384,570</b>   | <b>1,441,382,589</b>              |
| 36           | Water collection, treatment and supply   | 325,609              | 14,706,335           | 15,048,678  | 9,082,543              | 6,678,124                    | 457,608            | 45,383,681                        |
| 38           | Waste collection, treatment and disposal activities; materials recovery  | 398,748              | 1,908,753            | 885,951   | 56,016                 | 226,603                      | -84,274            | 3,560,345                         |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>724,357</b>       | <b>16,615,088</b>    | <b>15,934,628</b>                                 | <b>9,138,559</b>       | <b>6,904,727</b>             | <b>373,334</b>     | <b>48,944,026</b>                 |
| <b>Total</b> |  | <b>2,554,923,082</b> | <b>3,181,284,869</b> | <b>1,495,500,575</b>                              | <b>395,794,221</b>     | <b>793,045,070</b>           | <b>96,020,168</b>  | <b>8,324,527,649</b>              |



**Table 22(b): Intermediate Consumption by Industrial Activity, Tanzania Mainland, CIP-2013 (1-9)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Raw Materials      | Other Material and Supplies | Fuels Used        | Goods Purchased for Resale | Services Purchased | All Other Taxes   | All Other Expenses | Change in Stock   | Total Intermediate Consumption |
|--------------|---|--------------------|-----------------------------|-------------------|----------------------------|--------------------|-------------------|--------------------|-------------------|--------------------------------|
| 07           | Mining of metal ores  | 468,069            | 99,542                      | 27,270            | -                          | 14,022             | 19,923            | 6,109              | 73,245            | 561,691                        |
| 08           | Other mining and quarrying  | 585,862            | 272,943                     | 776,825           | 2,214                      | 79,354             | 123,067           | 319,962            | 249,050           | 1,911,177                      |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>1,053,931</b>   | <b>372,486</b>              | <b>804,095</b>    | <b>2,214</b>               | <b>93,375</b>      | <b>142,991</b>    | <b>326,071</b>     | <b>322,294</b>    | <b>2,472,868</b>               |
| 10           | Manufacture of food products  | 70,842,525         | 14,593,981                  | 42,163,800        | 3,432,435                  | 1,528,674          | 5,131,777         | 3,442,249          | 11,378,744        | 129,756,696                    |
| 11           | Manufacture of beverages  | 509,437            | 147,592                     | 156,401           | 4,830                      | 35,546             | 62,208            | 58,130             | 203,221           | 770,922                        |
| 12           | Manufacture of tobacco products   | 15,428             | 8,656                       | 4,510             | -                          | 4,803              | 756               | 280                | 1,851             | 32,582                         |
| 13           | Manufacture of textiles   | 1,598,167          | 165,505                     | 105,765           | 45,339                     | 39,153             | 234,333           | 279,858            | 133,072           | 2,335,048                      |
| 14           | Manufacture of wearing apparel  | 16,318,072         | 3,033,158                   | 1,408,928         | 1,829,503                  | 633,884            | 2,621,764         | 1,164,137          | 4,473,463         | 22,535,982                     |
| 15           | Manufacture of leather and related products   | 734,233            | 135,421                     | 34,623            | 14,677                     | 9,989              | 44,697            | 61,309             | 48,716            | 986,233                        |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 6,725,876          | 2,703,630                   | 2,708,533         | 1,409,018                  | 441,882            | 1,114,418         | 598,118            | 3,424,404         | 12,277,072                     |
| 17           | Manufacture of paper and paper products   | 63,659             | 14,567                      | 1,319             | -                          | -                  | 4,052             | 3,602              | 3,060             | 84,138                         |
| 18           | Printing and reproduction of recorded media   | 2,534,634          | 153,267                     | 196,698           | 31,254                     | 232,616            | 255,708           | 204,459            | 290,928           | 3,317,707                      |
| 20           | Manufacture of chemicals and chemical products  | 535,710            | 90,265                      | 41,459            | 10,554                     | 13,646             | 28,101            | 27,095             | 35,975            | 710,855                        |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 3,402              | 2,302                       | 580               | -                          | 300                | 771               | 3,812              | 1,581             | 9,586                          |
| 22           | Manufacture of rubber and plastics products   | 479,874            | 2,388                       | 95,080            | 8                          | 5,400              | 5,857             | 12,384             | 11,329            | 589,662                        |
| 23           | Manufacture of other non-metallic mineral products  | 19,723,569         | 1,641,295                   | 1,848,938         | 209,589                    | 157,670            | 608,959           | 445,472            | 1,072,192         | 23,563,300                     |
| 24           | Manufacture of basic metals   | 7,384              | 625                         | 15,446            | -                          | -                  | 19,470            | 7,007              | 1,499             | 48,433                         |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 20,160,151         | 2,179,342                   | 3,223,048         | 634,145                    | 404,935            | 1,500,184         | 756,094            | 1,687,120         | 27,170,778                     |
| 26           | Manufacture of computer, electronic and optical products  | 58,009             | -                           | 2,169             | -                          | -                  | 2,639             | 6,913              | 1,901             | 67,828                         |
| 27           | Manufacture of electrical equipment   | 1,139,068          | 54,569                      | 130,817           | 72,663                     | 104,934            | 73,797            | 31,293             | 169,509           | 1,437,633                      |
| 28           | Manufacture of machinery and equipment n.e.c.   | 1,165,762          | 150,406                     | 123,521           | 750                        | 16,486             | 52,302            | 153,774            | 182,995           | 1,480,005                      |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 388,752            | 62,489                      | 62,806            | 9,751                      | 6,395              | 17,443            | 48,768             | 39,733            | 556,670                        |
| 30           | Manufacture of other transport equipment  | 290,032            | 13,925                      | 17,817            | 2,258                      | 2,898              | 11,394            | 4,136              | 21,226            | 321,233                        |
| 31           | Manufacture of furniture  | 22,218,898         | 2,971,879                   | 2,629,782         | 2,376,983                  | 1,016,849          | 1,668,924         | 882,284            | 2,761,713         | 31,003,886                     |
| 32           | Other manufacturing   | 1,809,873          | 42,813                      | 100,912           | 68,150                     | 22,459             | 115,450           | 463,320            | 321,665           | 2,301,312                      |
| 33           | Repair and installation of machinery and equipment  | 174,012            | 21,162                      | 29,374            | 20,277                     | 4,616              | 14,329            | 6,024              | 52,319            | 217,476                        |
| <b>C</b>     | <b>Manufacturing</b>  | <b>167,496,524</b> | <b>28,189,238</b>           | <b>55,102,326</b> | <b>10,172,182</b>          | <b>4,683,136</b>   | <b>13,589,332</b> | <b>8,660,517</b>   | <b>26,318,218</b> | <b>261,575,037</b>             |
| 35           | Electricity, gas, steam and air conditioning supply   | 229,294            | 130,169                     | 407,348           | 2,501                      | 6,616              | 22,774            | 7,606              | 36,463            | 769,845                        |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>229,294</b>     | <b>130,169</b>              | <b>407,348</b>    | <b>2,501</b>               | <b>6,616</b>       | <b>22,774</b>     | <b>7,606</b>       | <b>36,463</b>     | <b>769,845</b>                 |
| 36           | Water collection, treatment and supply  | 28,166             | 175,996                     | 575,406           | 714                        | 50,658             | 32,427            | 114,365            | 66,498            | 911,233                        |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 84,643             | -                           | 26,065            | -                          | -                  | 4,183             | 14,694             | 800               | 128,784                        |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>112,809</b>     | <b>175,996</b>              | <b>601,470</b>    | <b>714</b>                 | <b>50,658</b>      | <b>36,611</b>     | <b>129,058</b>     | <b>67,299</b>     | <b>1,040,018</b>               |
| <b>Total</b> |   | <b>168,892,557</b> | <b>28,867,889</b>           | <b>56,915,239</b> | <b>10,177,611</b>          | <b>4,833,785</b>   | <b>13,791,708</b> | <b>9,123,253</b>   | <b>26,744,274</b> | <b>265,857,768</b>             |



**Table 23: Electricity, Water and Fuels Consumed by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev. 4 | Industrial Activity   | Electricity        | Water            | Gas            | Fuel for Machines and Vehicles | Wood, Coal and Peat | Other Fuels      | Total              |
|-------------|---|--------------------|------------------|----------------|--------------------------------|---------------------|------------------|--------------------|
| 051         | Mining of hard coal   | 4,770              | 617              | 445            | 1,053,110                      | -                   | -                | 1,058,943          |
| 072         | Mining of non-ferrous metal ores  | 101,785,611        | 102,522          | -              | 664,837,770                    | 16,173              | 2,468            | 766,744,544        |
| 081         | Quarrying of stone, sand and clay   | 696,331            | 41,113           | 2,886          | 5,001,983                      | 49,310              | 239,763          | 6,031,386          |
| 089         | Mining and quarrying n.e.c.   | 8,131,321          | 1,719,475        | 140,992        | 10,891,804                     | 745,527             | 3,863,097        | 25,492,217         |
| <b>B</b>    | <b>Mining and quarrying</b>   | <b>110,618,033</b> | <b>1,863,727</b> | <b>144,324</b> | <b>681,784,667</b>             | <b>811,010</b>      | <b>4,105,329</b> | <b>799,327,090</b> |
| 101         | Processing and preserving of meat   | 444,068            | 12,608           | -              | 266,088                        | -                   | -                | 722,764            |
| 102         | Processing and preserving of fish, crustaceans and molluscs   | 6,198,436          | 393,547          | 50,076         | 2,940,921                      | -                   | -                | 9,582,980          |
| 103         | Processing and preserving of fruit and vegetables   | 1,874,727          | 73,543           | 7,722          | 10,275,549                     | 10,595              | 11,544           | 12,253,680         |
| 104         | Manufacture of vegetable and animal oils and fats   | 5,354,910          | 7,037,042        | 126,515        | 4,096,777                      | 632,466             | 23,395           | 17,271,104         |
| 105         | Manufacture of dairy products   | 3,429,046          | 191,479          | 350,093        | 7,926,354                      | 3,572               | -                | 11,900,543         |
| 106         | Manufacture of grain mill products, starches and starch products  | 19,632,341         | 278,501          | 257,890        | 28,843,393                     | 985                 | -                | 49,013,109         |
| 107         | Manufacture of other food products  | 24,932,614         | 812,830          | 1,252,676      | 28,981,150                     | 1,978,734           | 1,712,036        | 59,670,039         |
| 108         | Manufacture of prepared animal feeds  | 596,807            | 13,980           | -              | 179,469                        | 800                 | -                | 791,056            |
| 110         | Manufacture of beverages  | 12,361,889         | 1,500,962        | 2,801,446      | 30,359,399                     | 64,811              | 1,206,030        | 48,294,537         |
| 120         | Manufacture of tobacco products   | 3,637,083          | 116,319          | 1,918,282      | 7,767,203                      | -                   | -                | 13,438,887         |
| 131         | Spinning, weaving and finishing of textiles   | 18,251,753         | 161,337          | 411,459        | 457,164                        | 3,502               | 3,178,067        | 22,463,282         |
| 139         | Manufacture of other textiles   | 8,594,614          | 719,920          | -              | 6,948,133                      | 879,517             | -                | 17,142,185         |
| 141         | Manufacture of wearing apparel, except fur apparel  | 276,536            | 32,752           | -              | 343,147                        | 470                 | 831              | 653,736            |
| 143         | Manufacture of knitted and crocheted apparel  | 3,621              | 120              | -              | 750                            | -                   | -                | 4,491              |
| 151         | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 77,742             | 1,628            | 200            | 19,710                         | -                   | -                | 99,279             |
| 152         | Manufacture of footwear   | 1,518,288          | 67,667           | 142,670        | 294,077                        | -                   | 100              | 2,022,802          |
| 161         | Sawmilling and planing of wood  | 832,682            | 33,295           | 302            | 2,005,289                      | 12                  | -                | 2,871,581          |
| 162         | Manufacture of products of wood, cork, straw and plaiting materials   | 404,090            | 10,637           | -              | 555,108                        | -                   | -                | 969,836            |
| 170         | Manufacture of paper and paper products   | 3,334,515          | 29,522           | 101,100        | 10,218,600                     | 4,775,763           | -                | 18,459,500         |
| 181         | Printing and service activities related to printing   | 2,283,801          | 168,805          | 1,434          | 1,929,715                      | 1,071               | 52,778           | 4,437,604          |
| 182         | Reproduction of recorded media  | 89,858             | 2,615            | -              | 25,551                         | -                   | -                | 118,024            |
| 192         | Manufacture of refined petroleum products   | 5,937,671          | 9,481            | -              | 473,864                        | 10,806              | 50,298           | 6,482,120          |
| 201         | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 2,038,580          | 2,136            | -              | 4,237,834                      | -                   | -                | 6,278,550          |
| 202         | Manufacture of other chemical products  | 10,185,188         | 1,991,544        | 3,908,918      | 5,333,139                      | 929,841             | -                | 22,348,629         |
| 210         | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 1,046,528          | 32,860           | -              | 687,412                        | -                   | -                | 1,766,800          |



**Table 23 (Cont'd): Electricity, Water and Fuels Consumed by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev. 4  | Industrial Activity   | Electricity        | Water             | Gas               | Fuel for<br>Machines and<br>Vehicles | Wood, Coal<br>and Peat | Other Fuels       | Total                |
|--------------|---|--------------------|-------------------|-------------------|--------------------------------------|------------------------|-------------------|----------------------|
| 221          | Manufacture of rubber products  | 58,092             | 7,204             | -                 | 77,753                               | -                      | -                 | 143,049              |
| 222          | Manufacture of plastics products  | 13,606,918         | 569,078           | 311,550           | 3,098,225                            | -                      | 91,135            | 17,676,906           |
| 231          | Manufacture of glass and glass products   | 97,948             | 57,047            | 14,535,553        | 1,833,820                            | -                      | -                 | 16,524,367           |
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 44,400,348         | 1,192,318         | 26,131,247        | 19,342,918                           | 26,801,734             | 3,188,089         | 121,056,656          |
| 241          | Manufacture of basic iron and steel   | 18,280,835         | 554,455           | 721,994           | 4,348,513                            | 160                    | 12,411            | 23,918,367           |
| 242          | Manufacture of basic precious and other non-ferrous metals  | 17,709             | -                 | -                 | -                                    | -                      | -                 | 17,709               |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 1,870,084          | 12,861            | 36,264            | 497,605                              | -                      | -                 | 2,416,814            |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 951,892            | 62,752            | 399,559           | 188,495                              | -                      | -                 | 1,602,697            |
| 261          | Manufacture of electronic components and boards   | 312,168            | 5,003             | -                 | 36,740                               | 24,513                 | -                 | 378,423              |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 3,417              | 428               | 1,026             | 1,706                                | -                      | -                 | 6,577                |
| 272          | Manufacture of batteries and accumulators   | 70,175             | -                 | -                 | 24,977                               | -                      | -                 | 95,152               |
| 273          | Manufacture of wiring and wiring devices  | 1,038,230          | -                 | -                 | 212,023                              | -                      | -                 | 1,250,253            |
| 275          | Manufacture of domestic appliances  | 466,989            | 82,410            | -                 | 185,621                              | -                      | -                 | 735,020              |
| 279          | Manufacture of other electrical equipment   | 328,013            | 8,405             | -                 | 112,450                              | -                      | -                 | 448,868              |
| 282          | Manufacture of special-purpose machinery  | 88,683             | 36,653            | 1,466             | 419,859                              | -                      | -                 | 546,661              |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 194,638            | 31,655            | 32,663            | 97,331                               | -                      | 60,532            | 416,820              |
| 293          | Manufacture of parts and accessories for motor vehicles   | 378,039            | 10,376            | -                 | 231,758                              | -                      | -                 | 620,173              |
| 301          | Building of ships and boats   | 3,518              | 960               | 3,502             | 1,907                                | -                      | -                 | 9,886                |
| 309          | Manufacture of transport equipment n.e.c.   | 593,725            | -                 | -                 | -                                    | -                      | -                 | 593,725              |
| 310          | Manufacture of furniture  | 6,865,180          | 56,204            | 192               | 1,572,919                            | 15,246                 | 11,474            | 8,521,215            |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 2,802              | 273               | -                 | -                                    | -                      | -                 | 3,075                |
| 324          | Manufacture of games and toys   | 3,202              | -                 | -                 | 25,542                               | -                      | -                 | 28,743               |
| 329          | Other manufacturing n.e.c.  | 498,039            | 42,944            | 195,835           | 477,734                              | -                      | -                 | 1,214,552            |
| 331          | Repair of fabricated metal products, machinery and equipment  | 117,645            | 6,614             | 613               | 37,667                               | -                      | -                 | 162,539              |
| <b>C</b>     | <b>Manufacturing</b>  | <b>223,585,675</b> | <b>16,432,768</b> | <b>53,702,247</b> | <b>187,991,359</b>                   | <b>36,134,598</b>      | <b>9,598,720</b>  | <b>527,445,368</b>   |
| 351          | Electric power generation, transmission and distribution  | 51,386,739         | 5,260             | 1,515             | 101,399,976                          | -                      | -                 | 152,793,489          |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>51,386,739</b>  | <b>5,260</b>      | <b>1,515</b>      | <b>101,399,976</b>                   | <b>-</b>               | <b>-</b>          | <b>152,793,489</b>   |
| 360          | Water collection, treatment and supply  | 11,170,402         | 1,639,733         | -                 | 2,225,749                            | -                      | 12,794            | 15,048,678           |
| 383          | Materials recovery  | 262,582            | 19,356            | -                 | 408,686                              | 195,327                | -                 | 885,951              |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>11,432,984</b>  | <b>1,659,089</b>  | <b>-</b>          | <b>2,634,435</b>                     | <b>195,327</b>         | <b>12,794</b>     | <b>15,934,628</b>    |
| <b>Total</b> |   | <b>397,023,431</b> | <b>19,960,844</b> | <b>53,848,086</b> | <b>973,810,436</b>                   | <b>37,140,935</b>      | <b>13,716,843</b> | <b>1,495,500,575</b> |



**Table 24: Services Consumed by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4 | Industrial Activity   | Industrial Services     |                         |                   |                   |                                 | Non-Industrial Services                             |                               |                            |   |                   | Total Services     |
|------------|---|-------------------------|-------------------------|-------------------|-------------------|---------------------------------|---|-------------------------------|----------------------------|---|-------------------|--------------------|
|            |   | Contract and Commission | Repairs and Maintenance | Waste Treatment   | Other             | Postage and Other Communication | Rental of Buildings, Machinery, Plant and Equipment | Storage and Hire of Transport | Publicity and Bank Charges | Consultancy and Other Professional Fees | Other             |                    |
| 051        | Mining of hard coal   | -                       | -                       | -                 | -                 | 740                             | 424,008   | 121                           | 287                        | 213,745                                 | -                 | 638,901            |
| 072        | Mining of non-ferrous metal ores                            | 15,127                  | 13,939,631              | 10,309,746        | 28,926,628        | 100,551                         | 61,642  | 152,703                       | 208,357                    | 1,889,996                               | 3,913,273         | 59,517,653         |
| 081        | Quarrying of stone, sand and clay                           | 46,561                  | 1,369,652               | 463,411           | 2,476             | 160,355                         | 198,681   | 558,533                       | 987,619                    | 133,024                                 | 517,043           | 4,437,356          |
| 089        | Mining and quarrying n.e.c.                                 | 27,373,957              | 3,420,250               | 556,241           | 2,431,630         | 507,060                         | 324,652   | 1,067,429                     | 1,232,714                  | 820,836                                 | 27,001,084        | 64,735,853         |
| <b>B</b>   | <b>Mining and quarrying</b>                                 | <b>27,435,645</b>       | <b>18,729,534</b>       | <b>11,329,398</b> | <b>31,360,735</b> | <b>768,706</b>                  | <b>1,008,982</b>                                    | <b>1,778,786</b>              | <b>2,428,976</b>           | <b>3,057,600</b>                        | <b>31,431,400</b> | <b>129,329,762</b> |
| 101        | Processing and preserving of meat                           | -                       | 630,983                 | 5,769             | 745,275           | 41,858                          | 64,261  | 175,113                       | 32,746                     | 95,782                                  | 613,273           | 2,405,061          |
| 102        | Processing and preserving of fish, crustaceans and molluscs | 3,960,014               | 5,307,919               | 74,879            | 274,430           | 422,794                         | 1,999,521   | 405,161                       | 1,057,035                  | 197,983                                 | 11,417,603        | 25,117,341         |
| 103        | Processing and preserving of fruit and vegetables           | 378,832                 | 1,395,510               | 67,776            | 692,598           | 178,676                         | 273,882   | 908,359                       | 318,847                    | 130,733                                 | 567,615           | 4,912,828          |
| 104        | Manufacture of vegetable and animal oils and fats           | 364,623                 | 6,782,053               | 86,278            | 2,394,816         | 174,214                         | 257,129   | 1,174,226                     | 964,922                    | 821,328                                 | 11,632,585        | 24,652,174         |
| 105        | Manufacture of dairy products                               | 102,362                 | 2,394,754               | 165,087           | 45,292            | 166,559                         | 252,586   | 901,001                       | 387,145                    | 50,923                                  | 367,731           | 4,833,440          |
| 106        | Manufacture of grain mill products, starches                | 279,445                 | 7,303,433               | 141,207           | 183,715           | 521,017                         | 1,595,465   | 3,785,416                     | 4,789,941                  | 616,548                                 | 13,389,708        | 32,605,894         |
| 107        | Manufacture of other food products                          | 1,232,022               | 17,816,143              | 178,096           | 2,108,561         | 1,572,530                       | 3,059,020   | 48,744,221                    | 13,801,219                 | 7,334,941                               | 21,145,605        | 116,992,358        |
| 108        | Manufacture of prepared animal feeds                        | 4,701                   | 114,668                 | 1,567,697         | 88,713            | 55,900                          | 168,766   | 22,540                        | 19,494                     | 64,256                                  | 844,082           | 2,950,816          |
| 110        | Manufacture of beverages                                    | 1,266,387               | 31,567,179              | 452,554           | 21,975,345        | 7,644,440                       | 12,660,674  | 47,166,037                    | 60,056,376                 | 12,241,811                              | 61,334,421        | 256,365,224        |
| 120        | Manufacture of tobacco products                             | -                       | 9,346,913               | 380,399           | 1,453,695         | 2,193,756                       | 3,665,999   | 22,686,041                    | 1,180,645                  | 15,513,899                              | 11,175,818        | 67,597,166         |
| 131        | Spinning, weaving and finishing of textiles                 | -                       | 4,912,212               | 2,401             | 8,496             | 200,031                         | 423,259   | 1,179,412                     | 1,795,718                  | 679,224                                 | 841,207           | 10,041,960         |
| 139        | Manufacture of other textiles                               | -                       | 3,644,344               | 37,297            | 64,660            | 616,327                         | 351,136   | 2,488,853                     | 531,205                    | 1,813,573                               | 5,282,942         | 14,830,337         |
| 141        | Manufacture of wearing apparel                              | 1,289,089               | 321,989                 | 17,151            | 6,368             | 137,209                         | 744,725   | 204,737                       | 114,738                    | 123,161                                 | 1,099,758         | 4,058,926          |
| 143        | Manufacture of knitted and crocheted apparel                | -                       | 40,021                  | -                 | -                 | 2,751                           | -   | 12,006                        | 3,502                      | 12,006                                  | -                 | 70,288             |



**Table 24 (cont'd): Services Consumed by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4 | Industrial Activity   | Industrial Services     |                         |                 |           | Non-Industrial Services         |   |                               |                            |   |           | Total Services |
|------------|---|-------------------------|-------------------------|-----------------|-----------|---------------------------------|---|-------------------------------|----------------------------|---|-----------|----------------|
|            |   | Contract and Commission | Repairs and maintenance | Waste treatment | Other     | Postage and other communication | Rental of Buildings, machinery, plant and equipment | Storage and hire of transport | Publicity and bank charges | Consultancy and other professional fees | Other     |                |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness | 816                     | 20,009                  | 2,434           | 11        | 17,671                          | 59,920  | 9,415                         | 29,398                     | 75,083                                  | 214,770   | 429,529        |
| 152        | Manufacture of footwear   | 1,460                   | 675,255                 | 121             | 12,854    | 70,774                          | 176,254   | 117,126                       | 112,137                    | 149,054                                 | 188,058   | 1,503,093      |
| 161        | Sawmilling and planing of wood  | 152,532                 | 2,528,472               | 1,910,130       | 1,107     | 236,240                         | 293,264   | 1,721,281                     | 1,967,022                  | 515,097                                 | 2,406,895 | 11,732,040     |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials                     | -                       | 107,617                 | 1,152           | -         | 27,369                          | 53,461  | 99,471                        | 28,783                     | 63,479                                  | 20,144    | 401,474        |
| 170        | Manufacture of paper and paper products   | 409                     | 8,117,726               | 12,288          | 1,459,638 | 735,343                         | 804,252   | 6,151,708                     | 1,039,873                  | 229,823                                 | 1,594,892 | 20,145,951     |
| 181        | Printing and service activities related to printing                                     | 3,192,654               | 2,758,904               | 50,387          | 189,903   | 571,038                         | 1,834,304   | 674,435                       | 1,852,035                  | 1,230,172                               | 8,331,125 | 20,684,957     |
| 182        | Reproduction of recorded media  | 831,052                 | 51,446                  | 1,928           | -         | 17,128                          | 258,680   | 25,384                        | 22,795                     | 15,062                                  | 132,517   | 1,355,993      |
| 192        | Manufacture of refined petroleum products   | 12,607                  | 708,991                 | 4,327           | 86,823    | 105,725                         | 366,047   | 826,717                       | 182,480                    | 142,580                                 | 308,922   | 2,745,217      |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics            | -                       | 262,110                 | -               | 597,300   | 187,310                         | 538,587   | 786,961                       | 151,344                    | 726,396                                 | 1,395,013 | 4,645,020      |
| 202        | Manufacture of other chemical products  | 56,688                  | 6,244,381               | 71,035          | 135,412   | 504,893                         | 1,861,373   | 4,528,922                     | 7,250,092                  | 1,562,940                               | 3,721,876 | 25,937,612     |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products               | -                       | 928,136                 | 48,366          | 48,518    | 161,396                         | 97,814  | -                             | 1,484,863                  | 1,016,323                               | 320,219   | 4,105,634      |
| 221        | Manufacture of rubber products  | -                       | 18,449                  | 1,921           | -         | 38,165                          | 134,521   | 27,008                        | 12,719                     | 18,414                                  | 29,541    | 280,738        |
| 222        | Manufacture of plastics products  | 53,703                  | 4,065,469               | 36,148          | 292,134   | 615,195                         | 3,623,552   | 3,504,229                     | 1,759,067                  | 2,033,212                               | 7,827,882 | 23,810,591     |
| 231        | Manufacture of glass and glass products   | 1,572,120               | 358,347                 | 2,001           | -         | 229,632                         | 2,072,249   | 1,018,297                     | 675,849                    | 306,804                                 | 594,134   | 6,829,433      |
| 239        | Manufacture of non-metallic mineral products n.e.c.                                     | 3,916,524               | 26,894,377              | 150,052         | 385,988   | 860,021                         | 3,234,278   | 19,533,384                    | 1,612,763                  | 8,462,247                               | 3,679,299 | 68,728,934     |



**Table 24 (cont'd): Services Consumed by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4 | Industrial Activity   | Industrial Services     |                         |                 |        | Non-Industrial Services         |   |                               |                            |   |         | Total Services |
|------------|---|-------------------------|-------------------------|-----------------|--------|---------------------------------|---|-------------------------------|----------------------------|---|---------|----------------|
|            |   | Contract and Commission | Repairs and Maintenance | Waste Treatment | Other  | Postage and other Communication | Rental of Buildings, Machinery, Plant and Equipment | Storage and Hire of Transport | Publicity and Bank Charges | Consultancy and Other Professional Fees | Other   |                |
| 241        | Manufacture of basic iron and steel   | -                       | 4,452,740               | 22,050          | 69,774 | 126,437                         | 148,661   | 85,763                        | 795,345                    | 1,171,234                               | 844,132 | 7,716,136      |
| 242        | Manufacture of basic precious and other non-ferrous metals  | -                       | 2,282                   | -               | -      | 3,625                           | -   | -                             | 393,085                    | 4,591                                   | 136,266 | 539,848        |
| 251        | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 2,290                   | 728,172                 | 4,699           | 551    | 122,958                         | 361,483   | 603,516                       | 198,633                    | 201,512                                 | 232,319 | 2,456,133      |
| 259        | Manufacture of other fabricated metal products; metalworking service activities                             | 30,949                  | 1,426,438               | 88,939          | 4,999  | 262,881                         | 539,772   | 342,237                       | 577,558                    | 216,306                                 | 240,775 | 3,730,855      |
| 261        | Manufacture of electronic components and boards   | -                       | 102,355                 | 10,506          | -      | 5,047                           | -   | 146,463                       | 44,414                     | 145,681                                 | -       | 454,465        |
| 271        | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | -                       | -                       | -               | -      | 5,953                           | 4,803   | 3,517                         | 1,539                      | 275                                     | -       | 16,087         |
| 272        | Manufacture of batteries and accumulators   | -                       | 62,760                  | -               | -      | 4,314                           | 14,283  | 222,278                       | 7,142                      | 216,860                                 | 374,572 | 902,207        |
| 273        | Manufacture of wiring and wiring devices  | -                       | 89,485                  | 2,664           | -      | 28,266                          | 168,161   | 48,098                        | 46,272                     | 56,141                                  | 260,931 | 700,019        |
| 275        | Manufacture of domestic appliances  | -                       | 2,441                   | 271,563         | 89,242 | 46,687                          | 91,794  | 24,413                        | 129,886                    | 2,095,374                               | 73,325  | 2,824,726      |
| 279        | Manufacture of other electrical equipment   | -                       | 246,360                 | 33,556          | -      | 35,934                          | 94,869  | -                             | 110,337                    | 64,207                                  | 525,578 | 1,110,842      |
| 282        | Manufacture of special-purpose machinery  | 31,133                  | 185,227                 | 18,926          | 53,185 | 28,371                          | 17,414  | 129,635                       | 70,532                     | 23,302                                  | 83,926  | 641,649        |
| 292        | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | -                       | 246,673                 | -               | -      | 118,436                         | 117,326   | 54,848                        | 355,667                    | 134,259                                 | 523,658 | 1,550,866      |
| 293        | Manufacture of parts and accessories for motor vehicles   | -                       | 112,521                 | 349             | -      | 62,516                          | 112,560   | 5,392                         | 57,278                     | 17,452                                  | 134,455 | 502,522        |
| 301        | Building of ships and boats   | -                       | -                       | -               | -      | 850                             | -   | -                             | 11,311                     | 1,001                                   | -       | 13,162         |



**Table 24 (cont'd): Services Consumed by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity  | Industrial Services     |                         |                   |                    | Non-Industrial Services         |   |                               |                            |   |                    | Total Services       |
|--------------|--|-------------------------|-------------------------|-------------------|--------------------|---------------------------------|---|-------------------------------|----------------------------|---|--------------------|----------------------|
|              |  | Contract and Commission | Repairs and maintenance | Waste treatment   | Other              | Postage and other communication | Rental of Buildings, machinery, plant and equipment | Storage and hire of transport | Publicity and bank charges | Consultancy and other professional fees | Other              |                      |
| 309          | Manufacture of transport equipment n.e.c.                                  | -                       | 546,613                 | -                 | -                  | 118,645                         | 69,426  | 363,373                       | 132,461                    | 446,625                                 | 3,872,377          | 5,549,521            |
| 310          | Manufacture of furniture   | 30,614                  | 1,571,058               | 126,786           | 96,363             | 466,947                         | 2,759,312   | 873,383                       | 3,861,539                  | 348,213                                 | 3,165,355          | 13,299,570           |
| 321          | Manufacture of jewellery, bijouterie and related articles                  | -                       | 30                      | 240               | -                  | -                               | 9,877   | -                             | 1,196                      | 246                                     | 2,955              | 14,544               |
| 324          | Manufacture of games and toys  | -                       | -                       | 720               | -                  | 1,261                           | 18,010  | -                             | -                          | 2,001                                   | 19,168             | 41,160               |
| 329          | Other manufacturing n.e.c.   | 101,503                 | 779,112                 | 48,069            | 198,274            | 362,543                         | 615,475   | 43,110                        | 488,776                    | 104,280                                 | 935,896            | 3,677,039            |
| 331          | Repair of fabricated metal products, machinery and equipment               | -                       | 527,420                 | -                 | 260,864            | 6,049                           | 35,705  | 38                            | 61,324                     | 81,057                                  | 58,132             | 1,030,589            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>18,864,529</b>       | <b>156,399,498</b>      | <b>6,097,952</b>  | <b>34,024,900</b>  | <b>20,113,683</b>               | <b>46,103,907</b>                                   | <b>171,823,526</b>            | <b>110,579,047</b>         | <b>61,573,469</b>                       | <b>181,961,454</b> | <b>807,541,965</b>   |
| 351          | Electric power generation, transmission and distribution                   | 926,762                 | 9,884,097               | 2,001             | 71,600,613         | 4,123,386                       | 328,680   | -                             | 6,450,452                  | 16,789,667                              | 125,818,619        | 235,924,277          |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>                 | <b>926,762</b>          | <b>9,884,097</b>        | <b>2,001</b>      | <b>71,600,613</b>  | <b>4,123,386</b>                | <b>328,680</b>                                      | <b>-</b>                      | <b>6,450,452</b>           | <b>16,789,667</b>                       | <b>125,818,619</b> | <b>235,924,277</b>   |
| 360          | Water collection, treatment and supply                                     | 1,671,199               | 5,715,631               | 230,826           | 1,464,887          | 889,917                         | 253,519   | 134,029                       | 466,826                    | 1,452,751                               | 3,481,082          | 15,760,667           |
| 383          | Materials recovery   | -                       | 48,269                  | 7,748             | -                  | 14,381                          | 68,426  | 128,634                       | -                          | 15,163                                  | -                  | 282,619              |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b> | <b>1,671,199</b>        | <b>5,763,900</b>        | <b>238,573</b>    | <b>1,464,887</b>   | <b>904,298</b>                  | <b>321,945</b>                                      | <b>262,662</b>                | <b>466,826</b>             | <b>1,467,914</b>                        | <b>3,481,082</b>   | <b>16,043,286</b>    |
| <b>Total</b> |  | <b>48,898,134</b>       | <b>190,777,029</b>      | <b>17,667,924</b> | <b>138,451,135</b> | <b>25,910,074</b>               | <b>47,763,514</b>                                   | <b>173,864,974</b>            | <b>119,925,302</b>         | <b>82,888,650</b>                       | <b>342,692,556</b> | <b>1,188,839,291</b> |



**Table 25: Raw Materials Purchased by Product Category and Origin, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| CPC Version 21 | Product Category  | Raw Materials Purchased |                      |                      |
|----------------|---|-------------------------|----------------------|----------------------|
|                |   | Imported                | Local                | Total                |
| 01             | Products of agriculture, horticulture and market gardening                | 833,832,080             | 559,776,979          | 1,393,609,059        |
| 02             | Live animals and animal products  | 788,385                 | 31,528,081           | 32,316,467           |
| 03             | Forestry and logging products   | 188,225                 | 18,906,735           | 19,094,961           |
| 04             | Fish and other fishing products   | 124,894                 | 159,873,599          | 159,998,493          |
| 12             | Crude petroleum and natural gas   | 1,345,246               | 11,006,103           | 12,351,349           |
| 14             | Metal ores  | 143,804,099             | 38,737,326           | 182,541,425          |
| 15             | Stone, sand and clay  | 1,816,295               | 86,092,727           | 87,909,023           |
| 16             | Other minerals  | 18,690,328              | 17,069,911           | 35,760,239           |
| 17             | Electricity, town gas, steam and hot water                                | -                       | 1,022,354,848        | 1,022,354,848        |
| 18             | Water   | 3,049,653               | 14,811,651           | 17,861,304           |
| 21             | Meat, fish, fruit, vegetables, oils and fats                              | 53,645,363              | 85,024,614           | 138,669,977          |
| 22             | Dairy products  | -                       | 405                  | 405                  |
| 23             | Grain mill products, starches and starch products; other food products    | 46,316,598              | 67,317,256           | 113,633,854          |
| 24             | Beverages   | 42,068,304              | 17,212,929           | 59,281,233           |
| 25             | Tobacco products  | -                       | 113,531,559          | 113,531,559          |
| 26             | Yarn and thread; woven and tufted textile fabrics                         | 44,467,920              | 35,723,806           | 80,191,725           |
| 27             | Textile articles other than apparel                                       | 19,026,778              | 3,014,968            | 22,041,746           |
| 28             | Knitted or crocheted fabrics; wearing apparel                             | -                       | 200,887              | 200,887              |
| 29             | Leather and leather products; footwear                                    | 113,777                 | 1,018,773            | 1,132,550            |
| 31             | Products of wood, cork, straw and plaiting materials                      | 334,282                 | 13,650,340           | 13,984,622           |
| 32             | Pulp, paper and paper products; printed matter and related articles       | 19,592,342              | 41,843,627           | 61,435,969           |
| 33             | Coke oven products; refined petroleum products; nuclear fuel              | 35,976,144              | 28,020,672           | 63,996,816           |
| 34             | Basic chemicals   | 407,271,072             | 200,054,156          | 607,325,228          |
| 35             | Other chemical products; man-made fibres                                  | 235,231,166             | 76,198,800           | 311,429,966          |
| 36             | Rubber and plastics products  | 110,454,762             | 7,463,090            | 117,917,852          |
| 37             | Glass and glass products and other non-metallic products n.e.c.           | 166,745,578             | 157,155,644          | 323,901,221          |
| 38             | Furniture; other transportable goods n.e.c.                               | 4,337,750               | 28,006,002           | 32,343,752           |
| 39             | Wastes or scraps  | 55,310,282              | 90,794,632           | 146,104,913          |
| 41             | Basic metals  | 100,809,866             | 40,241,585           | 141,051,451          |
| 42             | Fabricated metal products, except machinery and equipment                 | 12,051,403              | 13,271,683           | 25,323,086           |
| 43             | General-purpose machinery   | 17,361,738              | 2,042,410            | 19,404,149           |
| 44             | Special-purpose machinery   | 1,735,723               | 19,470,200           | 21,205,922           |
| 45             | Office, accounting and computing machinery                                | -                       | 197,703              | 197,703              |
| 46             | Electrical machinery and apparatus  | 15,656,210              | 3,424                | 15,659,634           |
| 47             | Radio, television and communication equipment and apparatus               | 78,545                  | 4,067,917            | 4,146,462            |
| 48             | Medical appliances, precision and optical instruments, watches and clocks | -                       | 185,173              | 185,173              |
| 49             | Transport equipment   | 7,336,258               | 6,244,250            | 13,580,508           |
| 99             | Services provided by extraterritorial organizations and bodies            | 155,362,015             | 169,170,403          | 324,532,418          |
| <b>Total</b>   |   | <b>2,554,923,082</b>    | <b>3,181,284,869</b> | <b>5,736,207,951</b> |



**Table 26(a): Component of Gross Output by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Sales from           |                      |                  | Income from                |                     |                         | Change in Stock    | Goods Purchased for Resale | Total Gross Output    |
|--------------|---|----------------------|----------------------|------------------|----------------------------|---------------------|-------------------------|--------------------|----------------------------|-----------------------|
|              |   | Exports              | Locally              | Subsidies        | Additions (Own Production) | Industrial Services | Non-Industrial Services |                    |                            |                       |
| 05           | Mining of coal and lignite  | -                    | 1,834,635            | -                | -                          | -                   | 256,158                 | -                  | -                          | 2,090,793             |
| 07           | Mining of metal ores  | 3,498,925,858        | 25,698,177           | -                | 257,405,944                | 35,205              | 65,035                  | 50,027             | -34,703,915                | 3,747,376,277         |
| 08           | Other mining and quarrying  | 96,807,065           | 130,960,699          | 27,626           | 3,273                      | 1,463,635           | 3,921,579               | 263,647            | 100,952                    | 233,021,182           |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>3,595,732,923</b> | <b>158,493,511</b>   | <b>27,626</b>    | <b>257,409,217</b>         | <b>1,498,840</b>    | <b>4,242,771</b>        | <b>313,674</b>     | <b>-34,602,963</b>         | <b>3,982,488,252</b>  |
| 10           | Manufacture of food products  | 787,328,462          | 3,027,246,250        | 1,832,888        | 5,574,464                  | 15,905,701          | 197,884,531             | 96,817,926         | 14,120,925                 | 3,953,075,295         |
| 11           | Manufacture of beverages  | 10,359,206           | 1,561,073,082        | 10,293           | 1,210,864                  | 40,473              | 222,817,753             | 98,585,400         | 46,162,593                 | 1,743,088,863         |
| 12           | Manufacture of tobacco products   | 244,530,244          | 384,366,001          | -                | 17,620,900                 | -                   | 339,622                 | -                  | 8,746,129                  | 655,602,895           |
| 13           | Manufacture of textiles   | 141,793,942          | 238,423,584          | -                | 859,020                    | -                   | 24,645,152              | 18,812,229         | 17,680,448                 | 404,589,917           |
| 14           | Manufacture of wearing apparel  | 14,865,255           | 9,177,865            | 2,022            | -                          | 148,032             | 35,948                  | 46,056             | 436,312                    | 24,619,377            |
| 15           | Manufacture of leather and related products   | 9,853,567            | 38,110,346           | -                | -                          | 570,016             | 4,667,300               | 1,195,883          | 3,036,765                  | 55,042,111            |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 52,404,146           | 47,485,899           | -                | 4,293                      | 1,677,644           | 19,014,814              | 1,104,803          | 4,939,262                  | 124,421,255           |
| 17           | Manufacture of paper and paper products   | 34,574,563           | 63,174,979           | -                | 879,039                    | 226,919             | 798,252                 | 200                | -2,950,813                 | 96,702,739            |
| 18           | Printing and reproduction of recorded media   | 3,467,229            | 171,860,954          | 30,281           | 95,383                     | 2,023,538           | 4,118,383               | 2,556,546          | -1,506,878                 | 177,532,344           |
| 19           | Manufacture of coke and refined petroleum products  | 13,871,479           | 50,420,875           | -                | -                          | -                   | 576,540                 | -                  | 5,183,006                  | 70,051,898            |
| 20           | Manufacture of chemicals and chemical products  | 88,776,318           | 439,405,417          | 28,406           | 573,074                    | 134,461             | 24,468,922              | 76,937,027         | 77,661,244                 | 554,110,816           |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 3,202,840            | 55,948,251           | -                | 8,505                      | -                   | 1,868,431               | 6,664,003          | 5,805,985                  | 60,170,009            |
| 22           | Manufacture of rubber and plastics products   | 275,561,228          | 343,021,154          | 6,699            | -                          | 71,691              | 4,553,716               | 303,730            | 8,630,764                  | 631,541,522           |
| 23           | Manufacture of other non-metallic mineral products  | 149,774,372          | 585,609,409          | 228,716          | 9,285,059                  | 1,271,669           | 39,536,176              | 29,110,240         | 2,632,343                  | 759,227,505           |
| 24           | Manufacture of basic metals   | 9,666,571            | 145,667,514          | -                | 990,823                    | -                   | 10,380,903              | 10,188,373         | 14,289,802                 | 170,807,241           |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 806,778              | 108,174,377          | 3,599            | 1,128                      | 125,539             | 12,619,238              | 6,892,891          | 1,078,937                  | 115,916,704           |
| 26           | Manufacture of computer, electronic and optical products  | 16,318,417           | 18,193,278           | -                | -                          | 1,623,278           | 57,631                  | -                  | 263,341                    | 36,455,945            |
| 27           | Manufacture of electrical equipment   | 5,549,428            | 84,635,147           | -                | -                          | 10,702,759          | 390,795                 | -                  | 1,689,204                  | 102,967,334           |
| 28           | Manufacture of machinery and equipment n.e.c.   | -                    | 9,365,071            | 63,814           | -                          | 484,439             | 56,021                  | -                  | 423,514                    | 10,392,859            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 9,904,773            | 26,067,184           | -                | 2,580,261                  | 133,115             | -                       | -                  | 170,863                    | 38,856,196            |
| 30           | Manufacture of other transport equipment  | -                    | 60,445,053           | -                | -                          | -                   | 1,196,182               | 990,317            | -170,887                   | 60,480,031            |
| 31           | Manufacture of furniture  | 27,086,714           | 341,662,793          | 29,898           | 4,445                      | 318,528             | 7,577,365               | 5,305,935          | -2,328,266                 | 369,045,542           |
| 32           | Other manufacturing   | 2,780,886            | 65,810,141           | -                | -                          | -                   | 4,964,520               | 3,482,032          | 227,380                    | 70,300,894            |
| 33           | Repair and installation of machinery and equipment  | -                    | 34,509,605           | -                | -                          | 435,926             | -                       | -                  | -                          | 34,945,531            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>1,902,476,417</b> | <b>7,909,854,231</b> | <b>2,236,615</b> | <b>39,687,257</b>          | <b>35,893,728</b>   | <b>582,568,193</b>      | <b>358,993,590</b> | <b>206,221,973</b>         | <b>10,319,944,823</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | -                    | 1,429,364,849        | -                | 52,828                     | 2,077,313           | 319,796,547             | -                  | 1,001,031                  | 1,752,292,568         |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>-</b>             | <b>1,429,364,849</b> | <b>-</b>         | <b>52,828</b>              | <b>2,077,313</b>    | <b>319,796,547</b>      | <b>-</b>           | <b>1,001,031</b>           | <b>1,752,292,568</b>  |
| 36           | Water collection, treatment and supply  | -                    | 82,019,043           | 5,367,405        | 327,162                    | 8,422,049           | 6,869,778               | 1,176,976          | 19,399,018                 | 121,227,478           |
| 38           | Waste collection, treatment and disposal activities   | 4,297,000            | 2,002,255            | -                | -                          | -                   | 45,821                  | 36,657             | -54,371                    | 6,254,049             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>4,297,000</b>     | <b>84,021,298</b>    | <b>5,367,405</b> | <b>327,162</b>             | <b>8,422,049</b>    | <b>6,915,599</b>        | <b>1,213,633</b>   | <b>19,344,648</b>          | <b>127,481,526</b>    |
| <b>Total</b> |   | <b>5,502,506,340</b> | <b>9,581,733,888</b> | <b>7,631,645</b> | <b>297,476,465</b>         | <b>47,891,929</b>   | <b>913,523,110</b>      | <b>360,520,898</b> | <b>191,964,689</b>         | <b>16,182,207,169</b> |



**Table 26(b): Component of Gross Output by Industrial Activity, Tanzania Mainland, CIP-2013 (1 - 9)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Income from        |                |                     |                         | All Other Receipts | Change Stock     | Total Gross Output |
|--------------|---|--------------------|----------------|---------------------|-------------------------|--------------------|------------------|--------------------|
|              |   | Locally Sold       | Subsidies      | Industrial Services | Non-Industrial Services |                    |                  |                    |
| 07           | Mining of metal ores  | 1,455,496          | -              | 82,074              | 1,000                   | 15,040             | 13,948           | 1,567,558          |
| 08           | Other mining and quarrying  | 4,687,843          | 500            | 240,843             | 167,240                 | 591,472            | 93,727           | 5,781,625          |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>6,143,339</b>   | <b>500</b>     | <b>322,916</b>      | <b>168,240</b>          | <b>606,512</b>     | <b>107,675</b>   | <b>7,349,183</b>   |
| 10           | Manufacture of food products  | 154,914,249        | 167,728        | 103,058,459         | 8,261,477               | 9,491,308          | 2,160,452        | 278,053,672        |
| 11           | Manufacture of beverages  | 1,787,788          | -              | -                   | 6,037                   | 13,481             | 14,305           | 1,821,612          |
| 12           | Manufacture of tobacco products   | 85,753             | -              | 18,007              | -                       | -                  | -                | 103,760            |
| 13           | Manufacture of textiles   | 5,420,280          | 9,061          | 277,959             | 135,358                 | 136,396            | 104,871          | 6,083,926          |
| 14           | Manufacture of wearing apparel  | 55,818,463         | 92,943         | 15,008,873          | 2,729,611               | 2,102,195          | 972,519          | 76,724,603         |
| 15           | Manufacture of leather and related products   | 2,174,558          | 300            | 130,301             | 21,118                  | 72,767             | 26,250           | 2,425,295          |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 19,258,370         | 35,319         | 7,160,843           | 3,025,455               | 1,067,502          | 594,645          | 31,142,135         |
| 17           | Manufacture of paper and paper products   | 180,105            | -              | 3,701               | -                       | 1,167              | 205              | 185,179            |
| 18           | Printing and reproduction of recorded media   | 6,224,792          | 45,795         | 116,207             | 41,445                  | 124,393            | 255,135          | 6,807,768          |
| 20           | Manufacture of chemicals and chemical products  | 1,497,062          | 4,342          | 63,240              | 13,958                  | 29,151             | 61,970           | 1,669,722          |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 14,997             | 4,803          | -                   | -                       | -                  | 2,902            | 22,702             |
| 22           | Manufacture of rubber and plastics products   | 1,164,688          | -              | 2,495               | 919                     | 4,655              | 7,691            | 1,180,448          |
| 23           | Manufacture of other non-metallic mineral products  | 46,364,579         | 5,003          | 430,101             | 464,650                 | 307,685            | 1,124,530        | 48,696,548         |
| 24           | Manufacture of basic metals   | 44,941             | -              | 62,491              | -                       | 1,324              | 205              | 108,961            |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 51,759,895         | 15,658         | 7,741,212           | 808,047                 | 2,034,354          | 1,171,290        | 63,530,456         |
| 26           | Manufacture of computer, electronic and optical products  | 96,826             | -              | -                   | -                       | -                  | -                | 96,826             |
| 27           | Manufacture of electrical equipment   | 3,545,796          | 105            | 158,193             | 96,885                  | 94,644             | 112,554          | 4,008,177          |
| 28           | Manufacture of machinery and equipment n.e.c.   | 2,958,286          | 44,529         | 421,039             | 27,210                  | 14,176             | 188,141          | 3,653,381          |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 1,098,322          | -              | 119,776             | 17,523                  | -                  | 10,605           | 1,246,226          |
| 30           | Manufacture of other transport equipment  | 470,034            | -              | 92,261              | 2,933                   | 9,035              | 12,100           | 586,363            |
| 31           | Manufacture of furniture  | 65,257,590         | 50,735         | 11,235,982          | 3,602,506               | 1,859,886          | 1,564,709        | 83,571,408         |
| 32           | Other manufacturing   | 4,130,781          | 1,083          | 131,006             | 96,874                  | 56,592             | 76,243           | 4,492,579          |
| 33           | Repair and installation of machinery and equipment  | 468,074            | -              | 86,638              | 24,010                  | 27,332             | 32,669           | 638,723            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>424,736,229</b> | <b>477,406</b> | <b>146,318,785</b>  | <b>19,376,015</b>       | <b>17,448,044</b>  | <b>8,493,991</b> | <b>616,850,470</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 1,151,800          | 1,599          | 400,235             | 1,601                   | 29,065             | 5,785            | 1,590,084          |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>1,151,800</b>   | <b>1,599</b>   | <b>400,235</b>      | <b>1,601</b>            | <b>29,065</b>      | <b>5,785</b>     | <b>1,590,084</b>   |
| 36           | Water collection, treatment and supply  | 2,470,193          | 13,449         | 170,458             | 500                     | 43,164             | 16,507           | 2,714,271          |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 233,477            | -              | -                   | -                       | -                  | 1,000            | 234,477            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>2,703,669</b>   | <b>13,449</b>  | <b>170,458</b>      | <b>500</b>              | <b>43,164</b>      | <b>17,507</b>    | <b>2,948,748</b>   |
| <b>Total</b> |   | <b>434,735,037</b> | <b>492,954</b> | <b>147,212,394</b>  | <b>19,546,356</b>       | <b>18,126,786</b>  | <b>8,624,958</b> | <b>628,738,484</b> |



**Table 27(a): Production Account by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4   | Industrial Activity   | (Number)             | (TZS 000)             |                          |                      |                           |                    |                         |
|--------------|---|----------------------|-----------------------|--------------------------|----------------------|---------------------------|--------------------|-------------------------|
|              |   | Total Person Engaged | Gross Output          | Intermediate Consumption | Value Added          | Compensation of Employees | Taxation           | Gross Operating Surplus |
| 05           | Mining of coal and lignite  | 77                   | 2,090,793             | 1,697,844                | 392,949              | 374,347                   | -                  | 18,602                  |
| 07           | Mining of metal ores  | 9,769                | 3,747,376,277         | 951,101,613              | 2,796,274,664        | 324,596,187               | 969,975            | 2,470,708,502           |
| 08           | Other mining and quarrying  | 9,072                | 233,021,182           | 114,172,969              | 118,848,213          | 38,140,029                | 1,495,720          | 79,212,464              |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>18,917</b>        | <b>3,982,488,252</b>  | <b>1,066,972,426</b>     | <b>2,915,515,825</b> | <b>363,110,563</b>        | <b>2,465,695</b>   | <b>2,549,939,568</b>    |
| 10           | Manufacture of food products  | 40,031               | 3,953,075,295         | 2,192,854,728            | 1,760,220,567        | 173,047,734               | 7,615,675          | 1,579,558,130           |
| 11           | Manufacture of beverages  | 6,859                | 1,743,088,863         | 723,829,155              | 1,019,259,708        | 166,268,002               | 105,276,521        | 747,715,184             |
| 12           | Manufacture of tobacco products   | 5,061                | 655,602,895           | 245,735,808              | 409,867,087          | 60,080,748                | 1,788,740          | 347,997,599             |
| 13           | Manufacture of textiles   | 16,067               | 404,589,917           | 240,857,057              | 163,732,860          | 61,194,897                | 1,065,293          | 101,472,671             |
| 14           | Manufacture of wearing apparel  | 1,743                | 24,619,377            | 14,569,865               | 10,049,512           | 6,505,860                 | 71,936             | 3,471,716               |
| 15           | Manufacture of leather and related products   | 1,215                | 55,042,111            | 41,076,640               | 13,965,471           | 2,616,066                 | 53,687             | 11,295,718              |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 3,769                | 124,421,255           | 56,513,894               | 67,907,361           | 9,806,817                 | 351,480            | 57,749,065              |
| 17           | Manufacture of paper and paper products   | 2,228                | 96,702,739            | 80,383,662               | 16,319,077           | 10,027,965                | 749,398            | 5,541,714               |
| 18           | Printing and reproduction of recorded media   | 2,849                | 177,532,344           | 108,057,422              | 69,474,922           | 19,956,337                | 291,868            | 49,226,717              |
| 19           | Manufacture of coke and refined petroleum products  | 243                  | 70,051,898            | 54,992,134               | 15,059,764           | 1,430,321                 | 111,164            | 13,518,280              |
| 20           | Manufacture of chemicals and chemical products  | 6,380                | 554,110,816           | 382,252,107              | 171,858,709          | 34,435,194                | 2,341,870          | 135,081,645             |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 778                  | 60,170,009            | 40,589,748               | 19,580,261           | 5,139,666                 | 269,769            | 14,170,825              |
| 22           | Manufacture of rubber and plastics products   | 4,243                | 631,541,522           | 445,498,389              | 186,043,133          | 19,715,489                | 1,137,534          | 165,190,110             |
| 23           | Manufacture of other non-metallic mineral products  | 4,548                | 759,227,505           | 452,242,133              | 306,985,372          | 54,529,065                | 1,047,601          | 251,408,706             |
| 24           | Manufacture of basic metals   | 2,174                | 170,807,241           | 138,217,807              | 32,589,433           | 5,696,065                 | 222,833            | 26,670,536              |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 2,189                | 115,916,704           | 79,713,204               | 36,203,500           | 7,899,910                 | 184,656            | 28,118,934              |
| 26           | Manufacture of computer, electronic and optical products  | 115                  | 36,455,945            | 5,488,488                | 30,967,457           | 3,445,994                 | 32,637             | 27,488,827              |
| 27           | Manufacture of electrical equipment   | 949                  | 102,967,334           | 80,651,891               | 22,315,443           | 4,991,265                 | 119,554            | 17,204,624              |
| 28           | Manufacture of machinery and equipment n.e.c.   | 358                  | 10,392,859            | 6,145,000                | 4,247,859            | 3,171,880                 | 11,113             | 1,064,865               |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 1,272                | 38,856,196            | 22,634,047               | 16,222,148           | 5,826,233                 | 69,558             | 10,326,357              |
| 30           | Manufacture of other transport equipment  | 199                  | 60,480,031            | 46,596,646               | 13,883,385           | 2,519,547                 | 152,404            | 11,211,434              |
| 31           | Manufacture of furniture  | 2,977                | 369,045,542           | 261,629,462              | 107,416,080          | 16,300,176                | 430,555            | 90,685,349              |
| 32           | Other manufacturing   | 1,166                | 70,300,894            | 43,617,971               | 26,682,923           | 3,220,801                 | 6,876,059          | 16,586,063              |
| 33           | Repair and installation of machinery and equipment  | 317                  | 34,945,531            | 3,081,348                | 31,864,183           | 2,601,806                 | 32,356             | 29,230,020              |
| <b>C</b>     | <b>Manufacturing</b>  | <b>107,732</b>       | <b>10,319,944,823</b> | <b>5,767,228,608</b>     | <b>4,552,716,215</b> | <b>680,427,838</b>        | <b>130,304,260</b> | <b>3,741,985,089</b>    |
| 35           | Electricity, gas, steam and air conditioning supply   | 7,915                | 1,752,292,568         | 1,441,382,589            | 310,909,979          | 180,793,908               | 13,584             | 130,102,486             |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>7,915</b>         | <b>1,752,292,568</b>  | <b>1,441,382,589</b>     | <b>310,909,979</b>   | <b>180,793,908</b>        | <b>13,584</b>      | <b>130,102,486</b>      |
| 36           | Water collection, treatment and supply  | 4,094                | 121,227,478           | 45,383,681               | 75,843,797           | 28,975,976                | 101,619            | 46,766,202              |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 228                  | 6,254,049             | 3,560,345                | 2,693,703            | 526,716                   | 134,549            | 2,032,438               |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>4,322</b>         | <b>127,481,526</b>    | <b>48,944,026</b>        | <b>78,537,500</b>    | <b>29,502,692</b>         | <b>236,168</b>     | <b>48,798,641</b>       |
| <b>Total</b> |   | <b>138,887</b>       | <b>16,182,207,169</b> | <b>8,324,527,649</b>     | <b>7,857,679,519</b> | <b>1,253,835,001</b>      | <b>133,019,707</b> | <b>6,470,825,784</b>    |



**Table 27(b): Production Account by Industrial Activity, Tanzania Mainland, CIP-2013 (1 – 9)**

| ISIC Rev.4 | Industrial Activity   | (Number)             |                    | (TZS 000)                |                    |                           |                   |                         |
|------------|---|----------------------|--------------------|--------------------------|--------------------|---------------------------|-------------------|-------------------------|
|            |   | Total Person Engaged | Gross Output       | Intermediate Consumption | Value Added        | Compensation of Employees | Taxation          | Gross Operating Surplus |
| 07         | Mining of metal ores  | 74                   | 1,567,558          | 561,691                  | 1,005,866          | 127,616                   | 19,923            | 858,327                 |
| 08         | Other mining and quarrying  | 915                  | 5,781,625          | 1,911,177                | 3,870,448          | 1,060,417                 | 123,067           | 2,686,964               |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>989</b>           | <b>7,349,183</b>   | <b>2,472,868</b>         | <b>4,876,314</b>   | <b>1,188,033</b>          | <b>142,991</b>    | <b>3,545,291</b>        |
| 10         | Manufacture of food products  | 45,299               | 278,053,672        | 129,756,696              | 148,296,977        | 34,490,411                | 5,131,777         | 108,674,789             |
| 11         | Manufacture of beverages  | 145                  | 1,821,612          | 770,922                  | 1,050,690          | 208,796                   | 62,208            | 779,686                 |
| 12         | Manufacture of tobacco products   | 49                   | 103,760            | 32,582                   | 71,178             | 41,463                    | 756               | 28,958                  |
| 13         | Manufacture of textiles   | 1,648                | 6,083,926          | 2,335,048                | 3,748,878          | 1,823,539                 | 234,333           | 1,691,006               |
| 14         | Manufacture of wearing apparel  | 28,795               | 76,724,603         | 22,535,982               | 54,188,621         | 21,049,932                | 2,621,764         | 30,516,926              |
| 15         | Manufacture of leather and related products   | 510                  | 2,425,295          | 986,233                  | 1,439,062          | 642,323                   | 44,697            | 752,042                 |
| 16         | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 5,649                | 31,142,135         | 12,277,072               | 18,865,063         | 6,296,874                 | 1,114,418         | 11,453,772              |
| 17         | Manufacture of paper and paper products   | 25                   | 185,179            | 84,138                   | 101,041            | 25,434                    | 4,052             | 71,556                  |
| 18         | Printing and reproduction of recorded media   | 490                  | 6,807,768          | 3,317,707                | 3,490,061          | 1,002,807                 | 255,708           | 2,231,546               |
| 20         | Manufacture of chemicals and chemical products  | 265                  | 1,669,722          | 710,855                  | 958,867            | 305,957                   | 28,101            | 624,810                 |
| 21         | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 12                   | 22,702             | 9,586                    | 13,116             | 4,953                     | 771               | 7,392                   |
| 22         | Manufacture of rubber and plastics products   | 99                   | 1,180,448          | 589,662                  | 590,786            | 156,333                   | 5,857             | 428,596                 |
| 23         | Manufacture of other non-metallic mineral products  | 4,836                | 48,696,548         | 23,563,300               | 25,133,248         | 7,524,617                 | 608,959           | 16,999,672              |
| 24         | Manufacture of basic metals   | 20                   | 108,961            | 48,433                   | 60,528             | 37,379                    | 19,470            | 3,678                   |
| 25         | Manufacture of fabricated metal products, except machinery and equipment  | 12,700               | 63,530,456         | 27,170,778               | 36,359,678         | 13,826,639                | 1,500,184         | 21,032,855              |
| 26         | Manufacture of computer, electronic and optical products  | 9                    | 96,826             | 67,828                   | 28,998             | 26,953                    | 2,639             | -593                    |
| 27         | Manufacture of electrical equipment   | 791                  | 4,008,177          | 1,437,633                | 2,570,544          | 889,405                   | 73,797            | 1,607,342               |
| 28         | Manufacture of machinery and equipment n.e.c.   | 367                  | 3,653,381          | 1,480,005                | 2,173,376          | 614,904                   | 52,302            | 1,506,171               |
| 29         | Manufacture of motor vehicles, trailers and semi-trailers   | 119                  | 1,246,226          | 556,670                  | 689,555            | 273,209                   | 17,443            | 398,904                 |
| 30         | Manufacture of other transport equipment  | 131                  | 586,363            | 321,233                  | 265,130            | 110,893                   | 11,394            | 142,843                 |
| 31         | Manufacture of furniture  | 20,762               | 83,571,408         | 31,003,886               | 52,567,522         | 20,528,503                | 1,668,924         | 30,370,095              |
| 32         | Other manufacturing   | 543                  | 4,492,579          | 2,301,312                | 2,191,268          | 840,393                   | 115,450           | 1,235,425               |
| 33         | Repair and installation of machinery and equipment  | 101                  | 638,723            | 217,476                  | 421,247            | 161,342                   | 14,329            | 245,575                 |
| <b>C</b>   | <b>Manufacturing</b>  | <b>123,366</b>       | <b>616,850,470</b> | <b>261,575,037</b>       | <b>355,275,433</b> | <b>110,883,057</b>        | <b>13,589,332</b> | <b>230,803,043</b>      |
| 35         | Electricity, gas, steam and air conditioning supply   | 335                  | 1,590,084          | 769,845                  | 820,239            | 256,169                   | 22,774            | 541,295                 |
| <b>D</b>   | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>335</b>           | <b>1,590,084</b>   | <b>769,845</b>           | <b>820,239</b>     | <b>256,169</b>            | <b>22,774</b>     | <b>541,295</b>          |
| 36         | Water collection, treatment and supply  | 632                  | 2,714,271          | 911,233                  | 1,803,038          | 562,576                   | 32,427            | 1,208,035               |
| 38         | Waste collection, treatment and disposal activities; materials recovery   | 14                   | 234,477            | 128,784                  | 105,693            | 19,047                    | 4,183             | 82,463                  |
| <b>E</b>   | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>646</b>           | <b>2,948,748</b>   | <b>1,040,018</b>         | <b>1,908,731</b>   | <b>581,623</b>            | <b>36,611</b>     | <b>1,290,498</b>        |
|            | <b>Total</b>  | <b>125,336</b>       | <b>628,738,484</b> | <b>265,857,768</b>       | <b>362,880,716</b> | <b>112,908,882</b>        | <b>13,791,708</b> | <b>236,180,127</b>      |



**Table 28: Sales of Products by Category and Destination, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| CPC Version 21 | Description   | Sales            |                  | Total             |
|----------------|---|------------------|------------------|-------------------|
|                |   | Export           | Local            |                   |
| 01             | Products of agriculture, horticulture and market gardening                | 30,558           | 9,752            | 40,310            |
| 02             | Live animals and animal products  | 8,771            | 10,802           | 19,572            |
| 03             | Forestry and logging products   | -                | 663              | 663               |
| 04             | Fish and other fishing products   | 2,059            | 1,001            | 3,059             |
| 11             | Coal and lignite; peat  | -                | 1,835            | 1,835             |
| 12             | Crude petroleum and natural gas   | 4,374            | 14,634           | 19,007            |
| 15             | Stone, sand and clay  | 47,393           | 56,882           | 104,275           |
| 16             | Other minerals  | 92,203           | 79,757           | 171,960           |
| 17             | Electricity, town gas, steam and hot water                                | -                | 1,261,505        | 1,261,505         |
| 18             | Water   | -                | 79,606           | 79,606            |
| 21             | Meat, fish, fruit, vegetables, oils and fats                              | 470,059          | 668,898          | 1,138,958         |
| 22             | Dairy products  | -                | 96,361           | 96,361            |
| 23             | Grain mill products, starches and starch products; other food products    | 322,713          | 2,144,706        | 2,467,419         |
| 24             | Beverages   | 13,527           | 1,521,830        | 1,535,357         |
| 25             | Tobacco products  | 244,530          | 384,366          | 628,896           |
| 26             | Yarn and thread; woven and tufted textile fabrics                         | 8,471            | 56,001           | 64,472            |
| 27             | Textile articles other than apparel                                       | 82,012           | 109,675          | 191,688           |
| 28             | Knitted or crocheted fabrics; wearing apparel                             | 20,753           | 18,381           | 39,133            |
| 29             | Leather and leather products; footwear                                    | 15,871           | 40,684           | 56,554            |
| 31             | Products of wood, cork, straw and plaiting materials                      | 52,374           | 47,237           | 99,610            |
| 32             | Pulp, paper and paper products; printed matter and related articles       | 42,493           | 218,540          | 261,033           |
| 33             | Coke oven products; refined petroleum products; nuclear fuel              | 69,840           | 86,477           | 156,316           |
| 34             | Basic chemicals   | 381              | 78,732           | 79,113            |
| 35             | Other chemical products; man-made fibres                                  | 19,791           | 420,372          | 440,163           |
| 36             | Rubber and plastics products  | 269,452          | 337,483          | 606,935           |
| 37             | Glass and glass products and other non-metallic products n.e.c.           | 105,980          | 594,768          | 700,748           |
| 38             | Furniture; other transportable goods n.e.c.                               | 2,616            | 250,783          | 253,398           |
| 39             | Wastes or scraps  | 114,428          | 53,785           | 168,212           |
| 41             | Basic metals  | 3,425,354        | 377,828          | 3,803,182         |
| 42             | Fabricated metal products, except machinery and equipment                 | 4,561            | 150,534          | 155,096           |
| 43             | General-purpose machinery   | -                | 7,322            | 7,322             |
| 44             | Special-purpose machinery   | -                | 9,145            | 9,145             |
| 45             | Office, accounting and computing machinery                                | -                | 2,860            | 2,860             |
| 46             | Electrical machinery and apparatus  | 21,868           | 103,706          | 125,574           |
| 47             | Radio, television and communication equipment and apparatus               | -                | 6,744            | 6,744             |
| 48             | Medical appliances, precision and optical instruments, watches and clocks | -                | 153,625          | 153,625           |
| 49             | Transport equipment   | 8,324            | 111,948          | 120,273           |
| 99             | Services provided by extraterritorial organizations and bodies            | 1,751            | 12,355           | 14,105            |
| <b>Total</b>   |   | <b>5,502,506</b> | <b>9,581,579</b> | <b>15,084,086</b> |



**Table 29: Value of Inventories/Stocks by Industrial Activity, Tanzania Mainland, CIP-2013**

(TZS 000)

| ISIC<br>Rev.4 | Industrial Activity   | (10+)                        |                  |                     |                      |                    | (1-9)               |                              |                      |                |
|---------------|---|------------------------------|------------------|---------------------|----------------------|--------------------|---------------------|------------------------------|----------------------|----------------|
|               |   | Materials<br>and<br>supplies | Fuels            | Work in<br>progress | Finished<br>Products | Goods<br>Purchased | Total               | Materials<br>and<br>supplies | Finished<br>Products | Total          |
| 072           | Mining of non-ferrous metal ores  | -85,655,226                  | 3,080,064        | -43,085,024         | 8,375,306            | 5,803              | -117,279,077        | 73,245                       | 13,948               | 87,192         |
| 081           | Quarrying of stone, sand and clay   | -429,476                     | 145,386          | -25,349             | 2,547,007            | 0                  | 2,237,568           | 125,060                      | 87,964               | 213,024        |
| 089           | Mining and quarrying n.e.c.   | -92,926                      | 226,072          | -2,021,275          | -399,430             | 0                  | -2,287,560          | 123,990                      | 5,763                | 129,752        |
| <b>B</b>      | <b>Mining and quarrying</b>   | <b>-86,177,627</b>           | <b>3,451,522</b> | <b>-45,131,648</b>  | <b>10,522,882</b>    | <b>5,803</b>       | <b>-117,329,068</b> | <b>322,294</b>               | <b>107,675</b>       | <b>429,969</b> |
| 101           | Processing and preserving of meat   | 210,570                      | -48              | 0                   | 709,189              | 0                  | 919,711             | 635                          | 841                  | 1,476          |
| 102           | Processing and preserving of fish, crustaceans and molluscs   | 864,977                      | -2,979           | 0                   | -2,450,672           | 2,097,036          | 508,362             | 0                            | 0                    | 0              |
| 103           | Processing and preserving of fruit and vegetables   | -230,439                     | 13               | 870,450             | 2,150,622            | 0                  | 2,790,645           | 95,196                       | 27,123               | 122,319        |
| 104           | Manufacture of vegetable and animal oils and fats   | -20,136,504                  | 239,631          | 826,178             | 2,227,969            | 1,527,019          | -15,315,705         | 966,039                      | 423,728              | 1,389,766      |
| 105           | Manufacture of dairy products   | 8,022,353                    | 10               | 939,507             | 70,938               | 1,185,194          | 10,218,003          | 12,040                       | 16,770               | 28,811         |
| 106           | Manufacture of grain mill products, starches and starch products  | 23,193,596                   | 388,437          | 67,618              | 1,924,856            | 109,135            | 25,683,641          | 8,666,246                    | 1,294,423            | 9,960,669      |
| 107           | Manufacture of other food products  | 19,791,383                   | -348,695         | -18,545             | 1,820,178            | -1,393,432         | 19,850,889          | 743,288                      | 269,985              | 1,013,273      |
| 108           | Manufacture of prepared animal feeds  | -354,188                     | 0                | 293,971             | 1,069,803            | 93,911             | 1,103,497           | 895,299                      | 127,582              | 1,022,881      |
| 110           | Manufacture of beverages  | 67,340,843                   | -548,924         | -3,397,764          | 52,798,827           | -3,238,471         | 112,954,511         | 203,221                      | 14,305               | 217,526        |
| 120           | Manufacture of tobacco products   | 23,346,704                   | 764,179          | -30,016             | 8,776,145            | 0                  | 32,857,012          | 1,851                        | 0                    | 1,851          |
| 131           | Spinning, weaving and finishing of textiles   | 3,321,639                    | -976,818         | 4,387,256           | 2,401,836            | 0                  | 9,133,913           | 1,818                        | 490                  | 2,308          |
| 139           | Manufacture of other textiles   | 24,508,185                   | 1,646,800        | 427,217             | 10,054,778           | 409,361            | 37,046,341          | 131,254                      | 104,381              | 235,635        |
| 141           | Manufacture of wearing apparel, except fur apparel  | 66,853                       | -4               | 241,813             | 119,296              | 10,168             | 438,126             | 4,458,672                    | 959,390              | 5,418,062      |
| 143           | Manufacture of knitted and crocheted apparel  | 0                            | 0                | 20,011              | 45,024               | 0                  | 65,035              | 14,791                       | 13,129               | 27,920         |
| 151           | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 478,762                      | 718              | -51,521             | 564,665              | 1,182,256          | 2,174,881           | 4,407                        | 2,837                | 7,245          |
| 152           | Manufacture of footwear   | -1,013,476                   | 2,578            | -27,065             | 1,368,430            | 0                  | 330,467             | 44,309                       | 23,413               | 67,721         |
| 161           | Sawmilling and planing of wood  | -18,064,333                  | 155,713          | 667,572             | 3,577,288            | 904,845            | -12,758,915         | 3,184,518                    | 422,235              | 3,606,753      |
| 162           | Manufacture of products of wood, cork, straw and plaiting materials   | -78,118                      | 0                | 3,141               | -216,888             | 3,303              | -288,562            | 239,885                      | 172,411              | 412,296        |
| 170           | Manufacture of paper and paper products   | 1,164,629                    | 789,424          | 74,613              | -3,025,425           | 0                  | -996,760            | 3,060                        | 205                  | 3,265          |
| 181           | Printing and service activities related to printing   | -6,432,212                   | -1,375           | 600,604             | -2,119,195           | 42,987             | -7,909,191          | 290,915                      | 255,129              | 546,044        |
| 182           | Reproduction of recorded media  | 49,835                       | 0                | -22,948             | -8,326               | 0                  | 18,560              | 13                           | 6                    | 19             |
| 192           | Manufacture of refined petroleum products   | 5,802,971                    | 0                | 2,321,438           | 2,861,567            | 0                  | 10,985,976          | 0                            | 0                    | 0              |
| 201           | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 1,346,815                    | 0                | 0                   | 124,608              | 131,852            | 1,603,275           | 0                            | 2,001                | 2,001          |
| 202           | Manufacture of other chemical products  | 6,470,954                    | 0                | 870,339             | 1,645,132            | 74,889,312         | 83,875,737          | 35,975                       | 59,969               | 95,944         |
| 210           | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | -470,964                     | 0                | 456,413             | 28,790               | 5,320,782          | 5,335,021           | 1,581                        | 2,902                | 4,483          |
| 221           | Manufacture of rubber products  | 77,344                       | 0                | 0                   | 299,061              | 0                  | 376,404             | 36                           | 80                   | 116            |
| 222           | Manufacture of plastics products  | 11,286,211                   | 158,124          | 4,574,310           | 3,453,663            | 303,730            | 19,776,039          | 11,293                       | 7,611                | 18,904         |
| 231           | Manufacture of glass and glass products   | -1,065,954                   | -14,391          | 5,064,736           | -1,078,814           | 475,879            | 3,381,456           | 4,372                        | 380                  | 4,752          |
| 239           | Manufacture of non-metallic mineral products n.e.c.   | 12,837,870                   | -2,373,692       | -3,634,271          | 1,769,530            | 35,283             | 8,634,720           | 1,067,821                    | 1,124,150            | 2,191,970      |



**Table 29 (cont'd): Value of Inventories/Stocks by Industrial Activity, Tanzania Mainland, CIP-2013**

(TZS 000)

| ISIC<br>Rev.4 | Industrial Activity   | (10+)                        |                  |                     |                      |                    | (1-9)              |                              |                      |                   |
|---------------|---|------------------------------|------------------|---------------------|----------------------|--------------------|--------------------|------------------------------|----------------------|-------------------|
|               |   | Materials<br>and<br>supplies | Fuels            | Work in<br>progress | Finished<br>Products | Goods<br>Purchased | Total              | Materials<br>and<br>supplies | Finished<br>Products | Total             |
| 241           | Manufacture of basic iron and steel   | 5,001,609                    | -71,953          | 1,697,224           | 6,364,327            | 6,536,649          | 19,527,857         | 350                          | 200                  | 550               |
| 242           | Manufacture of basic precious and other non-ferrous metals  | 745,346                      | 0                | 591,908             | -900,307             | 0                  | 436,947            | 0                            | 0                    | 0                 |
| 243           | Casting of metals   | 0                            | 0                | 0                   | 0                    | 0                  | 0                  | 1,149                        | 5                    | 1,154             |
| 251           | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 715,541                      | 35,409           | 94,175              | 1,052,772            | 121,213            | 2,019,110          | 1,601,596                    | 1,089,238            | 2,690,835         |
| 259           | Manufacture of other fabricated metal products; metalworking service activities                             | 1,836,694                    | 3,131            | 208,901             | -405,865             | 7,741              | 1,650,602          | 85,524                       | 82,052               | 167,575           |
| 261           | Manufacture of electronic components and boards   | -365,296                     | 0                | 558,570             | -295,229             | 0                  | -101,955           | 0                            | 0                    | 0                 |
| 267           | Manufacture of optical instruments and photographic equipment   | 0                            | 0                | 0                   | 0                    | 0                  | 0                  | 1,901                        | 0                    | 1,901             |
| 271           | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 0                            | 0                | 0                   | -795                 | -50                | -845               | 20                           | 100                  | 120               |
| 272           | Manufacture of batteries and accumulators   | 360,555                      | 0                | 26,297              | -198,873             | 0                  | 187,978            | 0                            | 0                    | 0                 |
| 273           | Manufacture of wiring and wiring devices  | 288,827                      | 0                | 0                   | -96,045              | 0                  | 192,783            | 0                            | 0                    | 0                 |
| 275           | Manufacture of domestic appliances  | 347,448                      | 0                | 811,980             | 98,617               | 0                  | 1,258,044          | 141,971                      | 86,937               | 228,908           |
| 279           | Manufacture of other electrical equipment   | -122,595                     | 0                | 529,402             | 518,671              | 0                  | 925,479            | 27,518                       | 25,517               | 53,035            |
| 281           | Manufacture of general-purpose machinery  | 0                            | 0                | 0                   | 0                    | 0                  | 0                  | 6,995                        | 600                  | 7,595             |
| 282           | Manufacture of special-purpose machinery  | 436,587                      | 2,660            | 99,461              | 324,053              | 0                  | 862,760            | 176,001                      | 187,541              | 363,542           |
| 292           | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 1,166,050                    | 0                | 0                   | 0                    | 0                  | 1,166,050          | 1,873                        | 7,475                | 9,348             |
| 293           | Manufacture of parts and accessories for motor vehicles   | 262,222                      | 0                | 0                   | 170,863              | 0                  | 433,085            | 37,860                       | 3,130                | 40,991            |
| 301           | Building of ships and boats   | 0                            | 0                | -170,887            | 0                    | 0                  | -170,887           | 475                          | 0                    | 475               |
| 309           | Manufacture of transport equipment n.e.c.   | -1,609,565                   | 0                | 0                   | 0                    | 0                  | -1,609,565         | 20,751                       | 12,100               | 32,851            |
| 310           | Manufacture of furniture  | 3,381,700                    | -38,198          | 78,445              | -2,666,141           | 259,430            | 1,015,236          | 2,761,713                    | 1,564,709            | 4,326,422         |
| 321           | Manufacture of jewellery, bijouterie and related articles   | 110,831                      | 0                | 0                   | 0                    | 0                  | 110,831            | 313,733                      | 62,458               | 376,191           |
| 322           | Manufacture of musical instruments  | 0                            | 0                | 0                   | 0                    | 0                  | 0                  | 260                          | 1,861                | 2,121             |
| 324           | Manufacture of games and toys   | 700                          | 0                | 0                   | 0                    | 0                  | 700                | 150                          | 3,542                | 3,692             |
| 329           | Other manufacturing n.e.c.  | -216,076                     | 0                | -246,775            | 375,697              | 98,457             | 11,304             | 7,522                        | 8,382                | 15,903            |
| 331           | Repair of fabricated metal products, machinery and equipment  | -236,990                     | 0                | 0                   | 0                    | 0                  | -236,990           | 52,319                       | 32,669               | 84,988            |
| <b>C</b>      | <b>Manufacturing</b>  | <b>174,439,891</b>           | <b>-190,249</b>  | <b>19,803,760</b>   | <b>95,304,622</b>    | <b>91,113,591</b>  | <b>380,471,615</b> | <b>26,318,218</b>            | <b>8,493,991</b>     | <b>34,812,209</b> |
| 351           | Electric power generation, transmission and distribution  | 7,384,570                    | 6,283            | 1,001,031           | 0                    | 0                  | 8,391,885          | 33,450                       | 3,283                | 36,732            |
| 353           | Steam and air conditioning supply   | 0                            | 0                | 0                   | 0                    | 0                  | 0                  | 3,014                        | 2,502                | 5,515             |
| <b>D</b>      | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>7,384,570</b>             | <b>6,283</b>     | <b>1,001,031</b>    | <b>0</b>             | <b>0</b>           | <b>8,391,885</b>   | <b>36,463</b>                | <b>5,785</b>         | <b>42,248</b>     |
| 360           | Water collection, treatment and supply  | 457,608                      | 25,832           | 17,883,588          | 1,098,296            | 417,134            | 19,882,458         | 66,498                       | 16,507               | 83,005            |
| 383           | Materials recovery  | -84,274                      | 978              | 0                   | -54,371              | 0                  | -137,667           | 800                          | 1,000                | 1,801             |
| <b>E</b>      | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>373,334</b>               | <b>26,809</b>    | <b>17,883,588</b>   | <b>1,043,925</b>     | <b>417,134</b>     | <b>19,744,791</b>  | <b>67,299</b>                | <b>17,507</b>        | <b>84,806</b>     |
| <b>Total</b>  |   | <b>96,020,168</b>            | <b>3,294,365</b> | <b>-6,443,268</b>   | <b>106,871,429</b>   | <b>91,536,528</b>  | <b>291,279,222</b> | <b>26,744,274</b>            | <b>8,624,958</b>     | <b>35,369,232</b> |



**Table 30(a): Value of Fixed Assets at the end of 2013 by Industrial Activity and Type of Assets, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4 Industrial Activity  | Land improvement   | Buildings & structures | Transport equipment | Machinery & equipment | Computer and other data processing equipment | Other                | Total                |
|---|--------------------|------------------------|---------------------|-----------------------|--|----------------------|----------------------|
| 051 Mining of hard coal   | 1,301              | 0                      | 0                   | 13,536                | 0  | 1,229,588            | 1,244,425            |
| 072 Mining of non-ferrous metal ores  | 111,810,180        | 764,678,523            | 117,017,793         | 1,391,808,368         | 16,255,656                                   | 1,043,691,006        | 3,445,261,527        |
| 081 Quarrying of stone, sand and clay   | 695,902            | 26,085,242             | 8,237,934           | 34,723,430            | 974,583                                      | 1,275,919            | 71,993,011           |
| 089 Mining and quarrying n.e.c.   | 113,154,278        | 32,209,576             | 23,564,218          | 110,491,356           | 1,614,666                                    | 6,115,839            | 287,149,933          |
| <b>B Mining and quarrying</b>   | <b>225,661,661</b> | <b>822,973,341</b>     | <b>148,819,945</b>  | <b>1,537,036,691</b>  | <b>18,844,906</b>                            | <b>1,052,312,352</b> | <b>3,805,648,896</b> |
| 101 Processing and preserving of meat   | 3,900,331          | 28,401,824             | 338,883             | 4,167,661             | 74,679                                       | 99,962               | 36,983,341           |
| 102 Processing and preserving of fish, crustaceans and molluscs   | 802,052            | 45,475,527             | 6,062,394           | 27,912,171            | 203,440                                      | 2,347,807            | 82,803,391           |
| 103 Processing and preserving of fruit and vegetables   | 1,364,662          | 1,471,021              | 976,707             | 3,319,570             | 69,573                                       | 323,582              | 7,525,115            |
| 104 Manufacture of vegetable and animal oils and fats   | 18,794,613         | 30,845,209             | 7,646,105           | 77,182,285            | 228,778                                      | 626,955              | 135,323,946          |
| 105 Manufacture of dairy products   | 603,609            | 6,037,177              | 1,419,685           | 5,768,605             | 242,788                                      | 40,954               | 14,112,819           |
| 106 Manufacture of grain mill products, starches and starch products  | 49,720,945         | 180,103,769            | 95,501,371          | 125,249,254           | 3,178,095                                    | 828,797              | 454,582,231          |
| 107 Manufacture of other food products  | 44,045,994         | 239,219,994            | 31,706,472          | 323,720,061           | 38,971,151                                   | 38,524,680           | 716,188,352          |
| 108 Manufacture of prepared animal feeds  | 612,132            | 8,498,499              | 481,697             | 2,601,883             | 14,097                                       | 76,479               | 12,284,787           |
| 110 Manufacture of beverages  | 12,933,006         | 181,541,029            | 53,781,189          | 709,935,323           | 13,428,238                                   | 169,803,946          | 1,141,422,731        |
| 120 Manufacture of tobacco products   | 1,435,373          | 41,601,024             | 8,392,763           | 94,472,726            | 1,956,275                                    | 24,663,791           | 172,521,952          |
| 131 Spinning, weaving and finishing of textiles   | 2,449,564          | 10,986,427             | 1,467,107           | 110,917,766           | 8,582,391                                    | 28,378               | 134,431,633          |
| 139 Manufacture of other textiles   | 7,816,607          | 60,226,323             | 2,047,037           | 118,597,842           | 207,860                                      | 2,729,076            | 191,624,745          |
| 141 Manufacture of wearing apparel, except fur apparel  | 13,065,299         | 428,760                | 19,339,739          | 66,248,193            | 115,028                                      | 7,511,548            | 106,708,568          |
| 143 Manufacture of knitted and crocheted apparel  | 100,054            | 609,492                | 0                   | 52,863                | 4,502  | 0                    | 766,912              |
| 151 Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 30,263             | 507,420                | 41,879              | 1,271,246             | 21,196                                       | 43,842               | 1,915,847            |
| 152 Manufacture of footwear   | 12,441             | 2,535,640              | 366,033             | 3,040,832             | 53,338                                       | 119,716              | 6,128,000            |
| 161 Sawmilling and planing of wood  | 420,138            | 10,828,584             | 6,109,110           | 29,514,558            | 20,003                                       | 10,811,983           | 57,704,374           |
| 162 Manufacture of products of wood, cork, straw and plaiting materials   | 118,378            | 1,238,656              | 274,103             | 5,535,886             | 2,512  | 43,199               | 7,212,734            |
| 170 Manufacture of paper and paper products   | 14,789,714         | 30,364,202             | 5,375,418           | 78,675,494            | 881,661                                      | 58,099,846           | 188,186,334          |
| 181 Printing and service activities related to printing   | 2,449,882          | 20,462,790             | 3,147,636           | 74,513,820            | 934,579                                      | 667,808              | 102,176,515          |
| 182 Reproduction of recorded media  | 0                  | 0                      | 781                 | 2,081,206             | 62,082                                       | 201,302              | 2,345,371            |
| 192 Manufacture of refined petroleum products   | 300,814            | 142,717                | 478,879             | 5,327,169             | 21,869                                       | 775,857              | 7,047,304            |
| 201 Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 411,562            | 7,213,196              | 2,589,473           | 23,859,477            | 36,843                                       | 996,692              | 35,107,242           |
| 202 Manufacture of other chemical products  | 2,516,452          | 45,533,736             | 4,410,347           | 48,886,663            | 1,632,413                                    | 1,303,938            | 104,283,549          |
| 210 Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 10,152,534         | 9,269,080              | 255,066             | 8,914,378             | 74,961                                       | 904,452              | 29,570,470           |
| 221 Manufacture of rubber products  | 0                  | 180,824                | 96,832              | 736,725               | 10,677                                       | 32,190               | 1,057,248            |
| 222 Manufacture of plastics products  | 9,782,484          | 31,014,009             | 3,702,492           | 84,520,480            | 684,128                                      | 5,385,289            | 135,088,882          |
| 231 Manufacture of glass and glass products   | 0                  | 21,092,263             | 946,162             | 71,050,066            | 133,811                                      | 10,080               | 93,232,382           |



**Table 30(a) (cont'd): Value of Fixed Assets at the end of 2013 by Industrial Activity and Type of Assets, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4 Industrial Activity  | Land improvement     | Buildings & structures | Transport equipment | Machinery & equipment | Computer and other data processing equipment | Other                | Total                 |
|---|----------------------|------------------------|---------------------|-----------------------|--|----------------------|-----------------------|
| 239 Manufacture of non-metallic mineral products n.e.c.   | 9,584,824            | 136,907,003            | 22,089,151          | 217,753,608           | 995,435                                      | 57,064,353           | 444,394,374           |
| 241 Manufacture of basic iron and steel   | 15,743,938           | 13,488,037             | 5,391,979           | 21,445,017            | 235,817                                      | 443,660              | 56,748,447            |
| 242 Manufacture of basic precious and other non-ferrous metals  | 0                    | 1,065,647              | 102,983             | 1,052,478             | 0  | 10,845               | 2,231,952             |
| 251 Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 573,183              | 3,660,507              | 9,943,455           | 15,750,447            | 539,211                                      | 2,736,594            | 33,203,398            |
| 259 Manufacture of other fabricated metal products; metalworking service activities                             | 501,395              | 49,471,706             | 633,968             | 9,240,189             | 397,091                                      | 224,476              | 60,468,825            |
| 261 Manufacture of electronic components and boards   | 0                    | 2,404,129              | 0                   | 5,782,133             | 69,673                                       | 0                    | 8,255,936             |
| 271 Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus |                      | 76,690                 | 832                 |                       |  | 123,983              | 201,505               |
| 272 Manufacture of batteries and accumulators   | 0                    | 421,385                | 39,602              | 1,887,545             | 0  | 84,421               | 2,432,953             |
| 273 Manufacture of wiring and wiring devices  | 0                    | 988,601                | 157,070             | 2,408,773             | 2,776  | 134,239              | 3,691,460             |
| 275 Manufacture of domestic appliances  | 758,407              | 2,887,433              | 710,010             | 303,174               | 31,244                                       | 103,279              | 4,793,548             |
| 279 Manufacture of other electrical equipment   | 0                    | 15,497,755             | 319,744             | 5,205,256             | 0  | 122,333              | 21,145,087            |
| 282 Manufacture of special-purpose machinery  | 3,717,287            | 1,663,877              | 415,126             | 1,811,469             | 750,413                                      | 134,869              | 8,493,040             |
| 292 Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 0                    | 4,587,974              | 905,602             | 1,288,753             | 1,207,711                                    | 38,230               | 8,028,270             |
| 293 Manufacture of parts and accessories for motor vehicles   | 12,638,141           | 21,706,293             | 241,286             | 2,113,498             | 150,494                                      | 42,397               | 36,892,109            |
| 301 Building of ships and boats   | 162,733              | 0                      | 28,255              | 185,042               | 7,040  | 7,540                | 390,611               |
| 309 Manufacture of transport equipment n.e.c.   | 168,873              | 6,813,871              | 986,510             | 1,024,790             | 76,016                                       | 309,327              | 9,379,387             |
| 310 Manufacture of furniture  | 3,090,311            | 22,617,813             | 4,040,280           | 71,654,843            | 1,011,293                                    | 1,715,635            | 104,130,175           |
| 321 Manufacture of jewellery, bijouterie and related articles   | 0                    | 0                      | 0                   | 44,649                | 0  | 0                    | 44,649                |
| 324 Manufacture of games and toys   | 25,013               | 470,814                | 1                   | 35,019                | 590  | 11,781               | 543,219               |
| 329 Other manufacturing n.e.c.  | 36,490               | 780,533                | 564,393             | 11,331,380            | 66,191                                       | 347,777              | 13,126,763            |
| 331 Repair of fabricated metal products, machinery and equipment  | 89,703               | 229,709                | 36,544              | 7,016,141             | 306  | 1,654                | 7,374,057             |
| <b>C Manufacturing</b>  | <b>245,719,201</b>   | <b>1,301,568,969</b>   | <b>303,562,151</b>  | <b>2,485,408,406</b>  | <b>77,388,270</b>                            | <b>390,659,540</b>   | <b>4,804,306,537</b>  |
| 351 Electric power generation, transmission and distribution  | 5,388,176,463        | 47,125,387,182         | 95,004,642          | 1,593,305,693         | 39,753,787                                   | 18,282               | 54,241,646,050        |
| <b>D Electricity, gas, steam and air conditioning supply</b>  | <b>5,388,176,463</b> | <b>47,125,387,182</b>  | <b>95,004,642</b>   | <b>1,593,305,693</b>  | <b>39,753,787</b>                            | <b>18,282</b>        | <b>54,241,646,050</b> |
| 360 Water collection, treatment and supply  | 33,124,491           | 74,103,473             | 13,303,204          | 100,502,634           | 1,849,628                                    | 144,654,992          | 367,538,423           |
| 383 Materials recovery  | 0                    | 361,168                | 114,185             | 767,141               | 2,402  | 5,658                | 1,250,554             |
| <b>E Water supply; sewerage, waste management and remediation activities</b>                                    | <b>33,124,491</b>    | <b>74,464,641</b>      | <b>13,417,389</b>   | <b>101,269,774</b>    | <b>1,852,031</b>                             | <b>144,660,650</b>   | <b>368,788,976</b>    |
| <b>Total</b>  | <b>5,892,681,816</b> | <b>49,324,394,133</b>  | <b>560,804,127</b>  | <b>5,717,020,564</b>  | <b>137,838,994</b>                           | <b>1,587,650,824</b> | <b>63,220,390,459</b> |



**Table 30(b): Expenditure on Fixed Assets by Industrial Activity, Tanzania Mainland, CIP-2013 (1 - 9)**

(TZS 000)

| ISIC Rev.4 | Industrial Activity   | Additions to fixed assets |                          |                               |                | Total            | Disposal      | Depreciation   |
|------------|---|---------------------------|--------------------------|-------------------------------|----------------|------------------|---------------|----------------|
|            |   | Land Improvement          | Buildings and Structures | Machinery and Other Equipment | Other          |                  |               |                |
| 072        | Mining of non-ferrous metal ores  | 3,341                     | 6,613                    | 33,881                        | -              | 43,835           | -             | 16,830         |
| 081        | Quarrying of stone, sand and clay   | 379,253                   | 195,731                  | 218,568                       | 307,823        | 1,101,375        | 30,452        | 312,615        |
| 089        | Mining and quarrying n.e.c.   | 801,454                   | 23,069                   | 154,682                       | 28,018         | 1,007,224        | 18,094        | 68,452         |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>1,184,048</b>          | <b>225,413</b>           | <b>407,132</b>                | <b>335,841</b> | <b>2,152,434</b> | <b>48,547</b> | <b>397,898</b> |
| 101        | Processing and preserving of meat   | -                         | -                        | 4,003                         | -              | 4,003            | -             | 50,043         |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | -                         | -                        | 52,534                        | -              | 52,534           | -             | -              |
| 103        | Processing and preserving of fruit and vegetables   | 21,125                    | 69,297                   | 88,013                        | -              | 178,435          | 8,362         | 31,908         |
| 104        | Manufacture of vegetable and animal oils and fats   | 591,448                   | 1,928,651                | 2,452,362                     | 100,142        | 5,072,603        | 90,196        | 704,679        |
| 105        | Manufacture of dairy products   | 34,957                    | 438,351                  | 310,082                       | 39,863         | 823,252          | 300           | 93,166         |
| 106        | Manufacture of grain mill products, starches and starch products  | 13,958,949                | 18,587,210               | 25,069,766                    | 301,672        | 57,917,597       | 985,563       | 7,010,110      |
| 107        | Manufacture of other food products  | 318,277                   | 656,748                  | 7,305,726                     | 37,224         | 8,317,975        | 63,891        | 258,767        |
| 108        | Manufacture of prepared animal feeds  | 90,287                    | 1,091,258                | 334,362                       | 3,383          | 1,519,290        | 12,241        | 398,401        |
| 110        | Manufacture of beverages  | 36,015                    | 197,860                  | 505,568                       | 22,715         | 762,158          | 10            | 134,811        |
| 120        | Manufacture of tobacco products   | -                         | 380                      | 300                           | -              | 680              | 500           | 200            |
| 131        | Spinning, weaving and finishing of textiles   | -                         | -                        | 819                           | 150            | 969              | -             | -              |
| 139        | Manufacture of other textiles   | 54,177                    | 87,852                   | 248,180                       | 2,784          | 392,993          | 15,124        | 29,339         |
| 141        | Manufacture of wearing apparel, except fur apparel  | 756,904                   | 1,510,108                | 5,249,506                     | 71,550         | 7,588,068        | 145,127       | 1,205,849      |
| 143        | Manufacture of knitted and crocheted apparel  | 7,508                     | 27,494                   | 32,417                        | 58             | 67,477           | 4,890         | 11,992         |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 574                       | 5,748                    | 7,457                         | 1,001          | 14,780           | 92            | 29,699         |
| 152        | Manufacture of footwear   | 500                       | 8,876                    | 156,057                       | 3,532          | 168,966          | 5,069         | 16,099         |
| 161        | Sawmilling and planing of wood  | 768,606                   | 1,263,601                | 2,299,538                     | 24,258         | 4,356,003        | 215,163       | 600,266        |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 292,029                   | 97,234                   | 616,241                       | 8,049          | 1,013,553        | 119,553       | 140,648        |
| 170        | Manufacture of paper and paper products   | -                         | -                        | 1,894                         | 500            | 2,395            | -             | 208            |
| 181        | Printing and service activities related to printing   | 360                       | 1,263,446                | 1,025,216                     | 337,170        | 2,626,191        | 29,097        | 228,416        |
| 182        | Reproduction of recorded media  | -                         | -                        | 5,902                         | -              | 5,902            | -             | -              |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | -                         | -                        | 39,096                        | -              | 39,096           | -             | 27,447         |
| 202        | Manufacture of other chemical products  | 5,991                     | 63,095                   | 41,163                        | 3,883          | 114,132          | 1,121         | 11,647         |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | -                         | -                        | 2,802                         | 1,471          | 4,273            | -             | 460            |
| 221        | Manufacture of rubber products  | -                         | -                        | 20                            | -              | 20               | -             | -              |
| 222        | Manufacture of plastics products  | -                         | 118,211                  | 83,372                        | 53,504         | 255,087          | 655           | 119,200        |
| 231        | Manufacture of glass and glass products   | 26,009                    | 60,022                   | 18,507                        | -              | 104,538          | 1,501         | 141            |



**Table 30(b) (cont'd): Expenditure on Fixed Assets by Industrial Activity, Tanzania Mainland, CIP-2013 (1 - 9)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Additions to fixed assets |                          |                               |                  | Total              | Disposal         | Depreciation      |
|--------------|---|---------------------------|--------------------------|-------------------------------|------------------|--------------------|------------------|-------------------|
|              |   | Land Improvement          | Buildings and Structures | Machinery and Other Equipment | Other            |                    |                  |                   |
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 5,759,184                 | 946,887                  | 1,940,009                     | 365,401          | 9,011,482          | 3,609,341        | 12,804,950        |
| 241          | Manufacture of basic iron and steel   | -                         | -                        | 81                            | -                | 81                 | -                | 100               |
| 243          | Casting of metals   | -                         | -                        | 65,034                        | -                | 65,034             | -                | 1,101             |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 630,412                   | 2,480,382                | 3,107,703                     | 28,789           | 6,247,285          | 128,197          | 828,241           |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 21,206                    | 30,909                   | 165,637                       | 775              | 218,528            | 19,672           | 38,921            |
| 267          | Manufacture of optical instruments and photographic equipment   | -                         | -                        | 20,013                        | -                | 20,013             | 14,009           | 111               |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | -                         | -                        | -                             | 150              | 150                | -                | -                 |
| 275          | Manufacture of domestic appliances  | 32,748                    | 65,568                   | 90,231                        | 130              | 188,677            | 1,907            | 11,777            |
| 279          | Manufacture of other electrical equipment   | -                         | -                        | 16,210                        | 3,202            | 19,412             | 1,201            | 1,501             |
| 281          | Manufacture of general-purpose machinery  | -                         | -                        | 102,987                       | 250              | 103,238            | 350              | 11,189            |
| 282          | Manufacture of special-purpose machinery  | 13,576                    | 50,775                   | 378,929                       | 2,452            | 445,732            | 11,126           | 194,053           |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 3,802                     | 6,504                    | 45,427                        | 5,704            | 61,437             | 650              | 4,761             |
| 293          | Manufacture of parts and accessories for motor vehicles   | 21,308                    | 395,677                  | 44,706                        | 4,064            | 465,755            | 7,185            | 24,794            |
| 301          | Building of ships and boats   | 1,020                     | 279                      | 990                           | -                | 2,289              | 292              | 511               |
| 309          | Manufacture of transport equipment n.e.c.   | 8,229                     | 58,502                   | 22,660                        | 1,268            | 90,658             | 829              | 2,527             |
| 310          | Manufacture of furniture  | 1,807,903                 | 2,869,830                | 3,870,455                     | 43,955           | 8,592,143          | 227,277          | 1,398,828         |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 5,248                     | 56,907                   | 72,036                        | 1,753            | 135,944            | 6,830            | 18,912            |
| 322          | Manufacture of musical instruments  | 1,000                     | 100                      | 1,691                         | -                | 2,791              | 40               | 460               |
| 324          | Manufacture of games and toys   | -                         | -                        | 220                           | 3,502            | 3,722              | 20               | 120               |
| 329          | Other manufacturing n.e.c.  | 257                       | 620                      | 19,640                        | 2,502            | 23,018             | 2,502            | 197               |
| 331          | Repair of fabricated metal products, machinery and equipment  | 36,387                    | 62,989                   | 62,681                        | -                | 162,057            | 497              | 24,020            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>25,305,998</b>         | <b>34,501,371</b>        | <b>55,978,242</b>             | <b>1,476,806</b> | <b>117,262,417</b> | <b>5,730,379</b> | <b>26,470,570</b> |
| 351          | Electric power generation, transmission and distribution  | 6,676                     | 38,063                   | 161,849                       | 160              | 206,748            | 12,594           | 50,524            |
| 353          | Steam and air conditioning supply   | 11,004                    | -                        | 28,433                        | -                | 39,437             | 500              | 2,281             |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>17,680</b>             | <b>38,063</b>            | <b>190,282</b>                | <b>160</b>       | <b>246,185</b>     | <b>13,095</b>    | <b>52,805</b>     |
| 360          | Water collection, treatment and supply  | 148,244                   | 342,496                  | 592,449                       | 44,630           | 1,127,818          | 18,335           | 346,471           |
| 383          | Materials recovery  | -                         | 7,132                    | 919                           | 749              | 8,801              | 3,044            | 45,648            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>148,244</b>            | <b>349,628</b>           | <b>593,368</b>                | <b>45,379</b>    | <b>1,136,619</b>   | <b>21,379</b>    | <b>392,119</b>    |
| <b>Total</b> |   | <b>26,655,970</b>         | <b>35,114,475</b>        | <b>57,169,024</b>             | <b>1,858,186</b> | <b>120,797,655</b> | <b>5,813,399</b> | <b>27,313,391</b> |



**Table 31: Net Investment by Industrial Activity and Type of Asset, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4 | Industrial Activity   | Land Investment  | Buildings and Structures | Transport Equipment | Machinery and Equipment | Computer and Other Data Processing Equipment | Other              | Total              |
|------------|---|------------------|--------------------------|---------------------|-------------------------|--|--------------------|--------------------|
| 051        | Mining of hard coal   | 1,301            | -                        | -                   | 517                     | -  | -                  | 1,818              |
| 072        | Mining of non-ferrous metal ores  | 107,510          | 3,162,266                | 305,157             | 50,166,461              | 11,592,686                                   | 156,008,872        | 221,342,953        |
| 081        | Quarrying of stone, sand and clay   | 22,906           | 342,866                  | 3,528,883           | 1,038,962               | 18,860                                       | 24,220             | 4,976,696          |
| 089        | Mining and quarrying n.e.c.   | 1,891,810        | 18,534,967               | 33,924,040          | 2,341,880               | 91,258                                       | 538,270            | 57,322,225         |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>2,023,527</b> | <b>22,040,099</b>        | <b>37,758,080</b>   | <b>53,547,820</b>       | <b>11,702,804</b>                            | <b>156,571,363</b> | <b>283,643,692</b> |
| 101        | Processing and preserving of meat   | -                | 391,685                  | 446                 | 1,485,314               | 15,873                                       | 47,754             | 1,941,071          |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 13,643           | 4,104,708                | 233,810             | 1,749,563               | 32,812                                       | 39,641             | 6,174,177          |
| 103        | Processing and preserving of fruit and vegetables   | -                | 22,811                   | 77,298              | 187,293                 | 7,617  | 7,769              | 302,788            |
| 104        | Manufacture of vegetable and animal oils and fats   | 7,715,366        | 6,545,723                | 4,111,734           | 26,485,963              | 77,702                                       | 217,611            | 45,154,099         |
| 105        | Manufacture of dairy products   | 50,652           | 35,979                   | 225,491             | 763,963                 | 40,371                                       | -                  | 1,116,456          |
| 106        | Manufacture of grain mill products, starches and starch products  | 524,682          | 102,639,743              | 25,711,609          | 5,054,199               | 1,496,162                                    | 15,733             | 135,442,128        |
| 107        | Manufacture of other food products  | 4,730,022        | 15,857,901               | 12,804,119          | 111,510,214             | 17,238,517                                   | 17,450,902         | 179,591,675        |
| 108        | Manufacture of prepared animal feeds  | 1,572            | 37,773                   | 121,015             | 143,145                 | 4,183  | -                  | 307,689            |
| 110        | Manufacture of beverages  | 1,676,840        | 18,939,513               | 10,585,389          | 152,291,132             | 1,333,364                                    | 59,780,224         | 244,606,462        |
| 120        | Manufacture of tobacco products   | -                | 913,094                  | 2,624,156           | 8,559,315               | 846,291                                      | 17,902,076         | 30,844,932         |
| 131        | Spinning, weaving and finishing of textiles   | 1,133            | 343,541                  | 1,107,039           | 6,367,767               | 1,034,835                                    | -                  | 8,854,315          |
| 139        | Manufacture of other textiles   | 40,021           | 2,763,383                | 393,141             | 39,194,285              | 77,559                                       | 973,507            | 43,441,897         |
| 141        | Manufacture of wearing apparel, except fur apparel  | -                | 73,551                   | 164,306             | 687,182                 | 107,088                                      | 201,479            | 1,233,606          |
| 143        | Manufacture of knitted and crocheted apparel  | -                | -                        | -                   | -                       | -  | -                  | -                  |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | -                | -                        | -                   | -                       | 1,690  | 636                | 2,326              |
| 152        | Manufacture of footwear   | -                | 3,738                    | 100,342             | 1,468,326               | 11,238                                       | 23,500             | 1,607,144          |
| 161        | Sawmilling and planing of wood  | 4,151            | 182,033                  | 925,442             | 886,064                 | 5,537  | 1,649,886          | 3,653,114          |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | -                | -                        | -                   | 239,200                 | -  | -                  | 239,200            |
| 170        | Manufacture of paper and paper products   | 35,607           | 393,907                  | 2,118,918           | 2,951,775               | 203,874                                      | 3,359,690          | 9,063,771          |
| 181        | Printing and service activities related to printing   | -                | 301,689                  | 1,975,931           | 19,069,552              | 203,125                                      | 139,748            | 21,690,044         |
| 182        | Reproduction of recorded media  | -                | -                        | -                   | 387,097                 | 3,381  | 63,952             | 454,430            |
| 192        | Manufacture of refined petroleum products   | 10,005           | -                        | 210,577             | 364,583                 | -  | 277,242            | 862,407            |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 29,054           | 2,141,391                | 544,654             | 2,681,894               | 30,058                                       | 275,274            | 5,702,323          |
| 202        | Manufacture of other chemical products  | -                | 3,316,327                | 2,015,308           | 13,837,033              | 457,622                                      | 225,842            | 19,852,132         |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | -                | 211,593                  | 69,351              | 603,478                 | 32,914                                       | 364,004            | 1,281,340          |
| 221        | Manufacture of rubber products  | -                | -                        | 19,253              | 45,068                  | 2,114  | 7,750              | 74,186             |
| 222        | Manufacture of plastics products  | -                | 2,296,114                | 1,171,587           | 15,261,973              | 177,752                                      | 1,726,681          | 20,634,107         |
| 231        | Manufacture of glass and glass products   | -                | 831,007                  | 770,693             | 5,048,307               | -  | 2,721              | 6,652,729          |
| 239        | Manufacture of non-metallic mineral products n.e.c.   | 963,015          | 5,685,554                | 7,610,541           | 10,533,248              | 28,723                                       | 43,326,304         | 68,147,384         |



**Table 31 (cont'd): Net Investment by Industrial Activity and Type of Assets, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Land Investment   | Buildings and Structures | Transport Equipment | Machinery and Equipment | Computer and Other Data Processing Equipment | Other              | Total                |
|--------------|---|-------------------|--------------------------|---------------------|-------------------------|--|--------------------|----------------------|
| 241          | Manufacture of basic iron and steel   | 280,702           | 1,519,804                | 2,297,815           | 7,689,146               | 40,300                                       | 156,169            | 11,983,935           |
| 242          | Manufacture of basic precious and other non-ferrous metals  | -                 | -                        | 100,957             | -                       | -  | -                  | 100,957              |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 29,445            | 302,009                  | 124,049             | 1,331,674               | 15,215                                       | 813,672            | 2,616,064            |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 42,793            | 1,017,565                | 441,718             | 1,416,505               | 80,104                                       | 10,313             | 3,008,999            |
| 261          | Manufacture of electronic components and boards   | -                 | 478,901                  | -                   | -                       | 111,560                                      | -                  | 590,461              |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | -                 | -                        | -                   | -                       | -  | -                  | -                    |
| 272          | Manufacture of batteries and accumulators   | -                 | 40,421                   | 11,091              | 929,065                 | -  | 37,608             | 1,018,185            |
| 273          | Manufacture of wiring and wiring devices  | -                 | -                        | 162,376             | 678,034                 | -  | -                  | 840,410              |
| 275          | Manufacture of domestic appliances  | -                 | -                        | 371,195             | 274,868                 | 17,314                                       | 53,344             | 716,721              |
| 279          | Manufacture of other electrical equipment   | -                 | -                        | -                   | 308,588                 | -  | 72,658             | 381,246              |
| 282          | Manufacture of special-purpose machinery  | -                 | 121,223                  | 217,531             | 53,086                  | 9,757  | 43,327             | 444,923              |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | -                 | 258,290                  | 53,444              | 4,971                   | 5,082  | 18,427             | 340,214              |
| 293          | Manufacture of parts and accessories for motor vehicles   | 10,098,049        | 9,418,863                | 2,061               | 388,668                 | -  | 245                | 19,907,886           |
| 301          | Building of ships and boats   | -                 | -                        | -                   | -                       | -  | -                  | -                    |
| 309          | Manufacture of transport equipment n.e.c.   | -                 | 236,572                  | 200,263             | 240,416                 | -  | 45,954             | 723,204              |
| 310          | Manufacture of furniture  | 523,223           | 2,620,928                | 1,279,334           | 12,441,687              | 165,522                                      | 396,169            | 17,426,863           |
| 321          | Manufacture of jewellery, bijouterie and related articles   | -                 | -                        | -                   | -                       | -  | -                  | -                    |
| 324          | Manufacture of games and toys   | -                 | -                        | -                   | -                       | -  | -                  | -                    |
| 329          | Other manufacturing n.e.c.  | -                 | 6,880                    | 121,568             | 1,049,666               | 20,394                                       | 80,192             | 1,278,699            |
| 331          | Repair of fabricated metal products, machinery and equipment  | -                 | -                        | -                   | 1,587                   | 215  | -                  | 1,802                |
| <b>C</b>     | <b>Manufacturing</b>  | <b>26,769,976</b> | <b>184,054,215</b>       | <b>81,075,554</b>   | <b>454,664,894</b>      | <b>23,935,863</b>                            | <b>149,808,000</b> | <b>920,308,501</b>   |
| 351          | Electric power generation, transmission and distribution  | -                 | 383,877                  | 461,048             | 16,138,265              | -  | 23,490             | 17,006,679           |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>-</b>          | <b>383,877</b>           | <b>461,048</b>      | <b>16,138,265</b>       | <b>-</b>                                     | <b>23,490</b>      | <b>17,006,679</b>    |
| 360          | Water collection, treatment and supply  | 204,126           | 2,739,528                | 255,568             | 1,454,679               | 166,261                                      | 3,602,164          | 8,422,325            |
| 383          | Materials recovery  | -                 | -                        | 16,009              | 428,393                 | 611  | 1,656              | 446,669              |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>204,126</b>    | <b>2,739,528</b>         | <b>271,577</b>      | <b>1,883,072</b>        | <b>166,872</b>                               | <b>3,603,820</b>   | <b>8,868,994</b>     |
| <b>Total</b> |   | <b>28,997,628</b> | <b>209,217,719</b>       | <b>119,566,258</b>  | <b>526,234,051</b>      | <b>35,805,539</b>                            | <b>310,006,672</b> | <b>1,229,827,866</b> |



**Table 32(a): Number of Establishments and Persons Engaged by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4 | Industrial Activity   | Number of Establishments | Total Persons Engaged | Employees    |               |            | Working Proprietors | Unpaid Workers |
|------------|---|--------------------------|-----------------------|--------------|---------------|------------|---------------------|----------------|
|            |   |                          |                       | Managerial   | Operatives    | Other      |                     |                |
| 051        | Mining of hard coal   | 1                        | 77                    | 8            | 69            | -          | -                   | -              |
| 072        | Mining of non-ferrous metal ores  | 32                       | 9,769                 | 353          | 9,337         | 33         | 41                  | 5              |
| 081        | Quarrying of stone, sand and clay   | 20                       | 1,012                 | 219          | 771           | 1          | 20                  | -              |
| 089        | Mining and quarrying n.e.c.   | 156                      | 8,060                 | 516          | 7,042         | 177        | 183                 | 141            |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>210</b>               | <b>18,917</b>         | <b>1,096</b> | <b>17,220</b> | <b>212</b> | <b>244</b>          | <b>146</b>     |
| 101        | Processing and preserving of meat   | 10                       | 519                   | 51           | 448           | -          | 4                   | 16             |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 17                       | 3,683                 | 366          | 3,273         | 37         | 6                   | -              |
| 103        | Processing and preserving of fruit and vegetables   | 15                       | 1,029                 | 139          | 874           | -          | 10                  | 6              |
| 104        | Manufacture of vegetable and animal oils and fats   | 56                       | 3,734                 | 256          | 2,883         | 427        | 150                 | 18             |
| 105        | Manufacture of dairy products   | 12                       | 527                   | 131          | 383           | 2          | 6                   | 5              |
| 106        | Manufacture of grain mill products, starches and starch products  | 113                      | 5,453                 | 624          | 4,260         | 60         | 462                 | 47             |
| 107        | Manufacture of other food products  | 148                      | 24,608                | 3,863        | 19,957        | 366        | 137                 | 285            |
| 108        | Manufacture of prepared animal feeds  | 10                       | 477                   | 91           | 371           | -          | 15                  | -              |
| 110        | Manufacture of beverages  | 48                       | 6,859                 | 1,417        | 5,345         | 46         | 30                  | 20             |
| 120        | Manufacture of tobacco products   | 4                        | 5,061                 | 729          | 4,310         | 21         | -                   | -              |
| 131        | Spinning, weaving and finishing of textiles   | 9                        | 5,886                 | 318          | 5,548         | 1          | 18                  | 1              |
| 139        | Manufacture of other textiles   | 23                       | 10,180                | 506          | 9,568         | 24         | 24                  | 59             |
| 141        | Manufacture of wearing apparel, except fur apparel  | 12                       | 1,730                 | 167          | 1,539         | -          | 18                  | 6              |
| 143        | Manufacture of knitted and crocheted apparel  | 1                        | 13                    | 1            | 11            | -          | 1                   | -              |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 6                        | 226                   | 29           | 193           | -          | 2                   | 2              |
| 152        | Manufacture of footwear   | 11                       | 989                   | 201          | 694           | 12         | 3                   | 80             |
| 161        | Sawmilling and planing of wood  | 57                       | 3,450                 | 475          | 2,766         | 149        | 49                  | 10             |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 11                       | 319                   | 116          | 152           | 12         | 39                  | -              |
| 170        | Manufacture of paper and paper products   | 12                       | 2,228                 | 157          | 2,055         | 8          | 7                   | -              |
| 181        | Printing and service activities related to printing   | 45                       | 2,746                 | 876          | 1,760         | 56         | 47                  | 7              |
| 182        | Reproduction of recorded media  | 3                        | 103                   | 32           | 70            | -          | -                   | -              |
| 192        | Manufacture of refined petroleum products   | 3                        | 243                   | 72           | 169           | -          | 2                   | -              |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 8                        | 504                   | 221          | 282           | -          | 1                   | -              |
| 202        | Manufacture of other chemical products  | 31                       | 5,876                 | 1,317        | 4,416         | 1          | 77                  | 65             |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 5                        | 778                   | 189          | 585           | -          | 2                   | 2              |



**Table 32(a) (cont'd): Number of Establishments and Persons Engaged by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4   | Industrial Activity   | Number of Establishments | Total Persons Engaged | Employees     |                |              | Working Proprietors | Unpaid Workers |
|--------------|---|--------------------------|-----------------------|---------------|----------------|--------------|---------------------|----------------|
|              |   |                          |                       | Managerial    | Operatives     | Other        |                     |                |
| 221          | Manufacture of rubber products  | 3                        | 161                   | 23            | 138            | -            | -                   | -              |
| 222          | Manufacture of plastics products  | 40                       | 4,082                 | 709           | 3,349          | -            | 19                  | 5              |
| 231          | Manufacture of glass and glass products   | 6                        | 967                   | 46            | 920            | 1            | -                   | -              |
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 83                       | 3,582                 | 521           | 2,878          | 29           | 121                 | 33             |
| 241          | Manufacture of basic iron and steel   | 12                       | 2,044                 | 246           | 1,768          | 4            | 5                   | 21             |
| 242          | Manufacture of basic precious and other non-ferrous metals  | 2                        | 130                   | 52            | 78             | -            | -                   | -              |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 31                       | 1,189                 | 279           | 667            | 175          | 48                  | 20             |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 23                       | 1,000                 | 166           | 806            | 13           | 13                  | 1              |
| 261          | Manufacture of electronic components and boards   | 1                        | 115                   | 9             | 96             | 3            | 7                   | -              |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 1                        | 13                    | 12            | -              | -            | 1                   | -              |
| 272          | Manufacture of batteries and accumulators   | 1                        | 140                   | 57            | 83             | -            | -                   | -              |
| 273          | Manufacture of wiring and wiring devices  | 4                        | 419                   | 43            | 376            | -            | -                   | -              |
| 275          | Manufacture of domestic appliances  | 13                       | 322                   | 145           | 174            | -            | 3                   | -              |
| 279          | Manufacture of other electrical equipment   | 1                        | 56                    | 22            | 34             | -            | -                   | -              |
| 282          | Manufacture of special-purpose machinery  | 14                       | 358                   | 87            | 254            | 1            | 5                   | 11             |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 7                        | 372                   | 85            | 286            | -            | 1                   | -              |
| 293          | Manufacture of parts and accessories for motor vehicles   | 7                        | 900                   | 363           | 534            | -            | 3                   | -              |
| 301          | Building of ships and boats   | 1                        | 41                    | 21            | 20             | -            | -                   | -              |
| 309          | Manufacture of transport equipment n.e.c.   | 1                        | 158                   | 83            | 73             | -            | 1                   | 1              |
| 310          | Manufacture of furniture  | 60                       | 2,977                 | 687           | 2,142          | 5            | 112                 | 31             |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 1                        | 13                    | 5             | 8              | -            | -                   | -              |
| 324          | Manufacture of games and toys   | 1                        | 43                    | 3             | 35             | -            | 2                   | 3              |
| 329          | Other manufacturing n.e.c.  | 11                       | 1,110                 | 335           | 687            | 82           | 4                   | 2              |
| 331          | Repair of fabricated metal products, machinery and equipment  | 4                        | 317                   | 15            | 302            | -            | -                   | -              |
| <b>C</b>     | <b>Manufacturing</b>  | <b>998</b>               | <b>107,732</b>        | <b>16,358</b> | <b>87,623</b>  | <b>1,535</b> | <b>1,456</b>        | <b>759</b>     |
| 351          | Electric power generation, transmission and distribution  | 27                       | 7,915                 | 992           | 6,853          | 71           | -                   | -              |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>27</b>                | <b>7,915</b>          | <b>992</b>    | <b>6,853</b>   | <b>71</b>    | <b>-</b>            | <b>-</b>       |
| 360          | Water collection, treatment and supply  | 84                       | 4,094                 | 1,403         | 2,577          | 103          | 1                   | 11             |
| 383          | Materials recovery  | 3                        | 228                   | 21            | 204            | -            | 2                   | -              |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>87</b>                | <b>4,322</b>          | <b>1,424</b>  | <b>2,781</b>   | <b>103</b>   | <b>4</b>            | <b>11</b>      |
| <b>Total</b> |   | <b>1,322</b>             | <b>138,887</b>        | <b>19,870</b> | <b>114,477</b> | <b>1,920</b> | <b>1,703</b>        | <b>917</b>     |



**Table 32(b): Number of Establishments and Persons Engaged by Industrial Activity, Tanzania Mainland, CIP-2013 (1 -9)**

| ISIC     | Rev.4 | Industrial Activity   | Number of Establishments | Total Persons Engaged | Employees  |            |           | Working Proprietors | Unpaid Workers |
|----------|-------|---|--------------------------|-----------------------|------------|------------|-----------|---------------------|----------------|
|          |       |   |                          |                       | Managerial | Operatives | Other     |                     |                |
|          | 072   | Mining of non-ferrous metal ores  | 12                       | 74                    | 3          | 52         | 1         | 11                  | 7              |
|          | 081   | Quarrying of stone, sand and clay   | 102                      | 497                   | 35         | 234        | 6         | 170                 | 52             |
|          | 089   | Mining and quarrying n.e.c.   | 67                       | 418                   | 16         | 279        | 5         | 79                  | 39             |
| <b>B</b> |       | <b>Mining and quarrying</b>   | <b>182</b>               | <b>989</b>            | <b>55</b>  | <b>564</b> | <b>12</b> | <b>260</b>          | <b>98</b>      |
|          | 101   | Processing and preserving of meat   | 8                        | 52                    | 16         | 32         | -         | 4                   | -              |
|          | 102   | Processing and preserving of fish, crustaceans and molluscs   | 1                        | 9                     | -          | 4          | -         | 1                   | 4              |
|          | 103   | Processing and preserving of fruit and vegetables   | 84                       | 313                   | 18         | 152        | 6         | 107                 | 29             |
|          | 104   | Manufacture of vegetable and animal oils and fats   | 772                      | 2,397                 | 104        | 1,448      | 63        | 645                 | 137            |
|          | 105   | Manufacture of dairy products   | 34                       | 182                   | 31         | 103        | 6         | 33                  | 9              |
|          | 106   | Manufacture of grain mill products, starches and starch products  | 18,134                   | 40,888                | 1,536      | 20,055     | 370       | 14,012              | 4,915          |
|          | 107   | Manufacture of other food products  | 225                      | 1,193                 | 194        | 656        | 8         | 255                 | 80             |
|          | 108   | Manufacture of prepared animal feeds  | 59                       | 266                   | 28         | 168        | 3         | 52                  | 13             |
|          | 110   | Manufacture of beverages  | 29                       | 145                   | 27         | 84         | -         | 30                  | 4              |
|          | 120   | Manufacture of tobacco products   | 10                       | 49                    | -          | 43         | -         | 4                   | 2              |
|          | 131   | Spinning, weaving and finishing of textiles   | 9                        | 38                    | 4          | 17         | -         | 12                  | 5              |
|          | 139   | Manufacture of other textiles   | 667                      | 1,610                 | 111        | 535        | 18        | 717                 | 229            |
|          | 141   | Manufacture of wearing apparel, except fur apparel  | 13,165                   | 28,558                | 1,129      | 7,184      | 352       | 13,761              | 6,131          |
|          | 143   | Manufacture of knitted and crocheted apparel  | 115                      | 237                   | 12         | 56         | 2         | 118                 | 49             |
|          | 151   | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 23                       | 66                    | 1          | 22         | -         | 27                  | 15             |
|          | 152   | Manufacture of footwear   | 136                      | 444                   | 30         | 220        | 8         | 151                 | 36             |
|          | 161   | Sawmilling and planing of wood  | 1,025                    | 3,575                 | 275        | 2,120      | 57        | 883                 | 240            |
|          | 162   | Manufacture of products of wood, cork, straw and plaiting materials   | 677                      | 2,074                 | 123        | 950        | 14        | 805                 | 182            |
|          | 170   | Manufacture of paper and paper products   | 6                        | 25                    | 5          | 16         | -         | 4                   | -              |
|          | 181   | Printing and service activities related to printing   | 118                      | 487                   | 56         | 294        | 3         | 115                 | 19             |
|          | 182   | Reproduction of recorded media  | 1                        | 3                     | 1          | 1          | -         | 1                   | -              |
|          | 201   | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 3                        | 23                    | -          | 19         | -         | 3                   | -              |
|          | 202   | Manufacture of other chemical products  | 45                       | 243                   | 22         | 144        | 6         | 55                  | 15             |
|          | 210   | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 2                        | 12                    | -          | 6          | -         | 2                   | 4              |
|          | 221   | Manufacture of rubber products  | 3                        | 5                     | -          | -          | -         | 4                   | 1              |
|          | 222   | Manufacture of plastics products  | 19                       | 94                    | -          | 63         | 3         | 14                  | 13             |
|          | 231   | Manufacture of glass and glass products   | 10                       | 42                    | 2          | 23         | -         | 9                   | 8              |



**Table 32(b) (cont'd): Number of Establishments and Persons Engaged by Industrial Activity, Tanzania Mainland, CIP-2013 (1 -9)**

| ISIC         | Rev.4  | Industrial Activity   | Number of Establishments | Total Persons Engaged | Employees    |               |              | Working Proprietors | Unpaid Workers |
|--------------|--|---|--------------------------|-----------------------|--------------|---------------|--------------|---------------------|----------------|
|              |  |   |                          |                       | Managerial   | Operatives    | Other        |                     |                |
|              | 239  | Manufacture of non-metallic mineral products n.e.c.   | 1,004                    | 4,794                 | 283          | 3,277         | 112          | 946                 | 176            |
|              | 241  | Manufacture of basic iron and steel   | 2                        | 7                     | 1            | 5             | -            | 1                   | -              |
|              | 243  | Casting of metals   | 3                        | 13                    | 1            | 9             | -            | 2                   | 1              |
|              | 251  | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 3,496                    | 11,731                | 586          | 6,128         | 176          | 3,482               | 1,359          |
|              | 259  | Manufacture of other fabricated metal products; metalworking service activities                             | 255                      | 969                   | 39           | 340           | 7            | 368                 | 215            |
|              | 267  | Manufacture of optical instruments and photographic equipment   | 1                        | 9                     | 5            | 3             | -            | 1                   | -              |
|              | 271  | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 1                        | 2                     | 1            | -             | -            | 1                   | -              |
|              | 275  | Manufacture of domestic appliances  | 226                      | 750                   | 48           | 335           | 12           | 300                 | 56             |
|              | 279  | Manufacture of other electrical equipment   | 6                        | 39                    | -            | 19            | -            | 8                   | 12             |
|              | 281  | Manufacture of general-purpose machinery  | 3                        | 23                    | 3            | 15            | 3            | 2                   | -              |
|              | 282  | Manufacture of special-purpose machinery  | 81                       | 344                   | 30           | 195           | 6            | 85                  | 29             |
|              | 292  | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 4                        | 20                    | 1            | 15            | -            | 4                   | -              |
|              | 293  | Manufacture of parts and accessories for motor vehicles   | 20                       | 99                    | 8            | 67            | -            | 16                  | 7              |
|              | 301  | Building of ships and boats   | 15                       | 55                    | 1            | 19            | -            | 32                  | 3              |
|              | 309  | Manufacture of transport equipment n.e.c.   | 30                       | 76                    | 3            | 38            | -            | 32                  | 3              |
|              | 310  | Manufacture of furniture  | 6,763                    | 20,762                | 1,158        | 8,629         | 314          | 7,805               | 2,855          |
|              | 321  | Manufacture of jewellery, bijouterie and related articles   | 120                      | 428                   | 89           | 204           | 2            | 122                 | 11             |
|              | 322  | Manufacture of musical instruments  | 4                        | 12                    | -            | 3             | -            | 5                   | 4              |
|              | 324  | Manufacture of games and toys   | 2                        | 7                     | -            | 5             | -            | 2                   | -              |
|              | 329  | Other manufacturing n.e.c.  | 36                       | 96                    | 8            | 40            | 1            | 40                  | 6              |
|              | 331  | Repair of fabricated metal products, machinery and equipment  | 24                       | 101                   | 10           | 56            | -            | 23                  | 12             |
| <b>C</b>     | <b>Manufacturing</b>   |   | <b>47,476</b>            | <b>123,366</b>        | <b>6,001</b> | <b>53,818</b> | <b>1,553</b> | <b>45,103</b>       | <b>16,891</b>  |
|              | 351  | Electric power generation, transmission and distribution  | 117                      | 302                   | 18           | 157           | 4            | 98                  | 24             |
|              | 353  | Steam and air conditioning supply   | 7                        | 33                    | 1            | 25            | -            | 4                   | 3              |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>                 |   | <b>124</b>               | <b>335</b>            | <b>19</b>    | <b>182</b>    | <b>4</b>     | <b>102</b>          | <b>27</b>      |
|              | 360  | Water collection, treatment and supply  | 137                      | 632                   | 58           | 377           | 1            | 99                  | 96             |
|              | 383  | Materials recovery  | 2                        | 14                    | 2            | 10            | -            | 3                   | -              |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b> |   | <b>140</b>               | <b>646</b>            | <b>60</b>    | <b>387</b>    | <b>1</b>     | <b>102</b>          | <b>96</b>      |
| <b>Total</b> |  |   | <b>47,922</b>            | <b>125,336</b>        | <b>6,135</b> | <b>54,952</b> | <b>1,570</b> | <b>45,567</b>       | <b>17,112</b>  |



**Table 33(a): Remuneration by Industrial Activity , Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4 | Industrial Activity   | Type of Remuneration |                         |                   |                    | Total Labour Costs |
|------------|---|----------------------|-------------------------|-------------------|--------------------|--------------------|
|            |   | Wages and Salaries   | Social Security Schemes | Payment in Kind   | Other Labour Costs |                    |
| 051        | Mining of hard coal   | 296,655              | 29,666                  | 48,026            | -                  | 374,347            |
| 072        | Mining of non-ferrous metal ores  | 70,385,288           | 46,071,229              | 43,524,157        | 180,403,082        | 340,383,755        |
| 081        | Quarrying of stone, sand and clay   | 2,969,277            | 309,436                 | 828,717           | 427,867            | 4,535,297          |
| 089        | Mining and quarrying n.e.c.   | 28,720,385           | 2,300,128               | 1,650,881         | 2,206,527          | 34,877,920         |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>102,371,605</b>   | <b>48,710,458</b>       | <b>46,051,781</b> | <b>183,037,476</b> | <b>380,171,319</b> |
| 101        | Processing and preserving of meat   | 1,545,421            | 129,314                 | 12,261            | 304,549            | 1,991,544          |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 11,635,015           | 856,415                 | 315,552           | 927,658            | 13,734,639         |
| 103        | Processing and preserving of fruit and vegetables   | 3,755,276            | 247,888                 | 134,655           | 544,993            | 4,682,812          |
| 104        | Manufacture of vegetable and animal oils and fats   | 8,234,846            | 424,191                 | 1,346,981         | 1,082,112          | 11,088,130         |
| 105        | Manufacture of dairy products   | 3,100,201            | 279,410                 | 79,565            | 205,809            | 3,664,986          |
| 106        | Manufacture of grain mill products, starches and starch products  | 25,054,964           | 2,070,381               | 1,185,488         | 1,800,479          | 30,111,311         |
| 107        | Manufacture of other food products  | 85,381,372           | 8,287,414               | 4,327,477         | 13,893,234         | 111,889,496        |
| 108        | Manufacture of prepared animal feeds  | 1,527,282            | 120,109                 | 94,103            | 40,469             | 1,781,962          |
| 110        | Manufacture of beverages  | 100,996,735          | 7,607,928               | 7,094,142         | 54,651,509         | 170,350,315        |
| 120        | Manufacture of tobacco products   | 45,010,540           | 3,673,232               | 9,707,716         | 6,967,263          | 65,358,751         |
| 131        | Spinning, weaving and finishing of textiles   | 10,317,677           | 652,124                 | 11,744,973        | 492,964            | 23,207,738         |
| 139        | Manufacture of other textiles   | 22,219,855           | 1,533,861               | 13,706,871        | 2,828,990          | 40,289,577         |
| 141        | Manufacture of wearing apparel, except fur apparel  | 4,163,171            | 597,829                 | 932,339           | 836,162            | 6,529,499          |
| 143        | Manufacture of knitted and crocheted apparel  | 7,504                | 750                     | 750               | 3,677              | 12,682             |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 426,155              | 33,121                  | 9,193             | 14,045             | 482,513            |
| 152        | Manufacture of footwear   | 1,898,240            | 106,047                 | 97,749            | 88,809             | 2,190,845          |
| 161        | Sawmilling and planing of wood  | 7,134,025            | 620,739                 | 532,166           | 359,294            | 8,646,223          |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 1,193,256            | 44,499                  | 37,434            | 49,488             | 1,324,677          |
| 170        | Manufacture of paper and paper products   | 8,017,865            | 510,195                 | 532,946           | 1,951,212          | 11,012,218         |
| 181        | Printing and service activities related to printing   | 14,303,619           | 1,826,674               | 1,883,374         | 1,642,130          | 19,655,797         |
| 182        | Reproduction of recorded media  | 961,588              | 22,012                  | 1,834             | 78,952             | 1,064,386          |
| 192        | Manufacture of refined petroleum products   | 1,090,511            | 101,435                 | 176,812           | 90,242             | 1,459,001          |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 4,529,859            | 285,870                 | 410,108           | 318,710            | 5,544,548          |
| 202        | Manufacture of other chemical products  | 24,176,714           | 2,445,061               | 1,471,911         | 1,571,495          | 29,665,181         |



**Table 33(a) (cont'd): Remuneration by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Type of Remuneration |                         |                    |                    | Total Labour Costs   |
|--------------|---|----------------------|-------------------------|--------------------|--------------------|----------------------|
|              |   | Wages and Salaries   | Social Security Schemes | Payment in Kind    | Other Labour Costs |                      |
| 210          | Manufacture of pharmaceuticals, medicinal chemical and botanical products                                   | 3,829,346            | 283,745                 | 806,616            | 585,114            | 5,504,822            |
| 221          | Manufacture of rubber products  | 239,522              | 12,622                  | 13,511             | 61,699             | 327,354              |
| 222          | Manufacture of plastics products  | 16,462,876           | 801,433                 | 1,266,512          | 1,816,443          | 20,347,265           |
| 231          | Manufacture of glass and glass products   | 4,362,156            | 277,195                 | 942,336            | 1,425,201          | 7,006,889            |
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 32,920,095           | 3,872,503               | 6,895,488          | 7,800,808          | 51,488,894           |
| 241          | Manufacture of basic iron and steel   | 4,404,043            | 426,808                 | 378,590            | 799,628            | 6,009,069            |
| 242          | Manufacture of basic precious and other non-ferrous metals  | 154,139              | 15,413                  | -                  | -                  | 169,551              |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 2,539,741            | 158,945                 | 273,561            | 74,726             | 3,046,974            |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 3,728,086            | 322,278                 | 410,962            | 561,505            | 5,022,831            |
| 261          | Manufacture of electronic components and boards   | 2,862,337            | -                       | 192,103            | 471,597            | 3,526,037            |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 47,380               | 5,713                   | 9,530              | 17,637             | 80,261               |
| 272          | Manufacture of batteries and accumulators   | 978,363              | 108,323                 | 53,130             | 48,663             | 1,188,479            |
| 273          | Manufacture of wiring and wiring devices  | 810,277              | 79,752                  | 50,620             | 249,342            | 1,189,991            |
| 275          | Manufacture of domestic appliances  | 1,013,013            | 63,505                  | 305,689            | 391,815            | 1,774,022            |
| 279          | Manufacture of other electrical equipment   | 451,154              | 130,870                 | 260,961            | 28,256             | 871,242              |
| 282          | Manufacture of special-purpose machinery  | 2,277,260            | 354,063                 | 293,532            | 363,490            | 3,288,344            |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 872,040              | 114,003                 | 66,138             | 405,398            | 1,457,578            |
| 293          | Manufacture of parts and accessories for motor vehicles   | 4,498,614            | 60,364                  | 41,380             | 78,424             | 4,678,781            |
| 301          | Building of ships and boats   | 70,253               | 7,423                   | -                  | 5,968              | 83,644               |
| 309          | Manufacture of transport equipment n.e.c.   | 1,442,417            | 117,608                 | 867,334            | 107,894            | 2,535,253            |
| 310          | Manufacture of furniture  | 12,268,970           | 1,125,638               | 1,344,325          | 2,428,305          | 17,167,238           |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 32,537               | 3,254                   | -                  | -                  | 35,791               |
| 324          | Manufacture of games and toys   | 31,157               | 4,923                   | 369                | 3,598              | 40,047               |
| 329          | Other manufacturing n.e.c.  | 2,711,289            | 170,483                 | 166,167            | 923,087            | 3,971,026            |
| 331          | Repair of fabricated metal products, machinery and equipment  | 1,765,221            | 420,905                 | 353,261            | 105,029            | 2,644,416            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>487,453,977</b>   | <b>41,414,268</b>       | <b>70,828,514</b>  | <b>109,497,872</b> | <b>709,194,631</b>   |
| 351          | Electric power generation, transmission and distribution  | 150,300,591          | 17,807,134              | 12,376,966         | 5,888,974          | 186,373,665          |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>150,300,591</b>   | <b>17,807,134</b>       | <b>12,376,966</b>  | <b>5,888,974</b>   | <b>186,373,665</b>   |
| 360          | Water collection, treatment and supply  | 21,005,854           | 2,400,321               | 3,926,299          | 4,022,484          | 31,354,959           |
| 383          | Materials recovery  | 425,729              | 10,796                  | 11,651             | 78,956             | 527,132              |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>21,431,583</b>    | <b>2,411,117</b>        | <b>3,937,950</b>   | <b>4,101,440</b>   | <b>31,882,091</b>    |
| <b>Total</b> |   | <b>761,557,757</b>   | <b>110,342,977</b>      | <b>133,195,212</b> | <b>302,525,761</b> | <b>1,307,621,707</b> |



**Table 33(b): Remuneration by Industrial Activity, Tanzania Mainland, CIP-2013 (1 - 9)**

(TZS 000)

| ISIC Rev.4 | Industrial Activity  | Type of Remuneration |                         |                 |                    | Total Labour Costs |
|------------|--|----------------------|-------------------------|-----------------|--------------------|--------------------|
|            |  | Wages and Salaries   | Social Security Schemes | Payment in Kind | Other Labour Costs |                    |
| 072        | Mining of non-ferrous metal ores   | 84,112               | -                       | 43,504          | 5,248              | 132,865            |
| 081        | Quarrying of stone, sand and clay  | 444,457              | 1,030                   | 265,202         | 2,715              | 713,403            |
| 089        | Mining and quarrying n.e.c.  | 254,658              | 1,513                   | 93,558          | 7,057              | 356,785            |
| <b>B</b>   | <b>Mining and quarrying</b>  | <b>783,227</b>       | <b>2,543</b>            | <b>402,263</b>  | <b>15,020</b>      | <b>1,203,053</b>   |
| 101        | Processing and preserving of meat  | 29,714               | 642                     | 3,795           | -                  | 34,152             |
| 102        | Processing and preserving of fish, crustaceans and molluscs  | 9,606                | -                       | -               | 280                | 9,886              |
| 103        | Processing and preserving of fruit and vegetables  | 180,619              | 1,081                   | 45,378          | 3,396              | 230,474            |
| 104        | Manufacture of vegetable and animal oils and fats  | 1,598,988            | 5,545                   | 588,556         | 38,592             | 2,231,681          |
| 105        | Manufacture of dairy products  | 236,437              | 9,721                   | 30,882          | 4,840              | 281,879            |
| 106        | Manufacture of grain mill products, starches and starch products   | 20,968,991           | 107,952                 | 8,484,833       | 320,867            | 29,882,643         |
| 107        | Manufacture of other food products   | 1,406,449            | 23,537                  | 315,970         | 11,261             | 1,757,216          |
| 108        | Manufacture of prepared animal feeds   | 359,305              | 3,248                   | 79,162          | 6,208              | 447,922            |
| 110        | Manufacture of beverages   | 139,800              | 2,622                   | 66,374          | -                  | 208,796            |
| 120        | Manufacture of tobacco products  | 40,311               | -                       | 1,153           | -                  | 41,463             |
| 131        | Spinning, weaving and finishing of textiles  | 37,088               | -                       | 43,220          | -                  | 80,308             |
| 139        | Manufacture of other textiles  | 1,183,461            | -                       | 559,769         | 4,256              | 1,747,486          |
| 141        | Manufacture of wearing apparel, except fur apparel   | 12,201,449           | 3,981                   | 8,695,648       | 74,293             | 20,975,371         |
| 143        | Manufacture of knitted and crocheted apparel   | 67,905               | 144                     | 80,805          | 313                | 149,167            |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness                            | 35,297               | 1,101                   | 6,839           | 48                 | 43,285             |
| 152        | Manufacture of footwear  | 492,680              | 5,253                   | 101,152         | 2,316              | 601,402            |
| 161        | Sawmilling and planing of wood   | 3,160,705            | 13,815                  | 841,419         | 44,423             | 4,060,361          |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials  | 1,790,862            | 1,949                   | 488,124         | 3,565              | 2,284,500          |
| 170        | Manufacture of paper and paper products  | 22,424               | -                       | 3,010           | 742                | 26,176             |
| 181        | Printing and service activities related to printing  | 822,623              | 25,513                  | 152,871         | 9,763              | 1,010,769          |
| 182        | Reproduction of recorded media   | 1,801                | -                       | -               | 70                 | 1,871              |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms | 31,048               | -                       | 7,026           | -                  | 38,074             |
| 202        | Manufacture of other chemical products   | 189,647              | 977                     | 77,258          | 753                | 268,635            |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products  | 1,451                | -                       | 3,502           | 100                | 5,053              |
| 221        | Manufacture of rubber products   | -                    | 80                      | 300             | -                  | 380                |
| 222        | Manufacture of plastics products   | 131,526              | 12,787                  | 11,640          | 1,293              | 157,246            |
| 231        | Manufacture of glass and glass products  | 61,885               | -                       | 10,977          | -                  | 72,862             |



**Table 33(b) (cont'd): Remuneration by Industrial Activity, Tanzania Mainland, CIP-2013 (1 - 9)**

| ISIC Rev.4   | Industrial Activity   | Type of Remuneration |                         |                   |                    | Total Labour Costs |
|--------------|---|----------------------|-------------------------|-------------------|--------------------|--------------------|
|              |   | Wages and Salaries   | Social Security Schemes | Payment in Kind   | Other Labour Costs |                    |
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 7,000,088            | 10,535                  | 441,132           | 31,805             | 7,483,560          |
| 241          | Manufacture of basic iron and steel   | 15,430               | -                       | 4,130             | 180                | 19,740             |
| 243          | Casting of metals   | 16,570               | -                       | 1,249             | -                  | 17,819             |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 10,437,217           | 16,324                  | 2,607,292         | 43,261             | 13,104,093         |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 581,251              | 4,164                   | 180,392           | 11,654             | 777,461            |
| 267          | Manufacture of optical instruments and photographic equipment   | 24,868               | 2,084                   | -                 | 664                | 27,617             |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 300                  | -                       | 840               | -                  | 1,140              |
| 275          | Manufacture of domestic appliances  | 686,638              | -                       | 160,021           | 16,716             | 863,375            |
| 279          | Manufacture of other electrical equipment   | 36,682               | -                       | 4,923             | -                  | 41,606             |
| 281          | Manufacture of general-purpose machinery  | 33,662               | 2,087                   | 3,602             | 50                 | 39,402             |
| 282          | Manufacture of special-purpose machinery  | 472,379              | 4,160                   | 99,014            | 15,003             | 590,554            |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 57,755               | -                       | 4,631             | -                  | 62,386             |
| 293          | Manufacture of parts and accessories for motor vehicles   | 154,821              | 46,597                  | 9,405             | 160                | 210,983            |
| 301          | Building of ships and boats   | 17,839               | -                       | 16,812            | 250                | 34,901             |
| 309          | Manufacture of transport equipment n.e.c.   | 54,698               | 726                     | 20,818            | 388                | 76,631             |
| 310          | Manufacture of furniture  | 15,714,860           | 66,678                  | 4,746,965         | 99,337             | 20,627,840         |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 572,485              | 32,206                  | 121,316           | 4,654              | 730,660            |
| 322          | Manufacture of musical instruments  | 1,501                | -                       | 7,513             | 400                | 9,413              |
| 324          | Manufacture of games and toys   | 21,374               | -                       | 288               | -                  | 21,662             |
| 329          | Other manufacturing n.e.c.  | 67,361               | -                       | 16,350            | 321                | 84,032             |
| 331          | Repair of fabricated metal products, machinery and equipment  | 137,985              | 540                     | 22,817            | -                  | 161,342            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>81,307,836</b>    | <b>406,049</b>          | <b>29,169,172</b> | <b>752,219</b>     | <b>111,635,277</b> |
| 351          | Electric power generation, transmission and distribution  | 163,112              | 2,100                   | 51,380            | 1,618              | 218,210            |
| 353          | Steam and air conditioning supply   | 34,662               | -                       | 4,915             | -                  | 39,577             |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>197,775</b>       | <b>2,100</b>            | <b>56,295</b>     | <b>1,618</b>       | <b>257,787</b>     |
| 360          | Water collection, treatment and supply  | 438,360              | 6,900                   | 117,315           | 20,187             | 582,763            |
| 383          | Materials recovery  | 19,047               | -                       | -                 | 2,502              | 21,548             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>457,407</b>       | <b>6,900</b>            | <b>117,315</b>    | <b>22,689</b>      | <b>604,311</b>     |
| <b>Total</b> |   | <b>82,746,245</b>    | <b>417,592</b>          | <b>29,745,045</b> | <b>791,546</b>     | <b>113,700,428</b> |



**Table 33(c): Total Remuneration by Industrial Activity, Tanzania Mainland, CIP-2013**

(TZS 000)

| ISIC Rev.4 | Industrial Activity  | Type of Remuneration |                         |                   |                    | Total Labour Costs |
|------------|--|----------------------|-------------------------|-------------------|--------------------|--------------------|
|            |  | Wages and Salaries   | Social Security Schemes | Payment in Kind   | Other Labour Costs |                    |
| 051        | Mining of hard coal  | 296,655              | 29,666                  | 48,026            | -                  | 374,347            |
| 072        | Mining of non-ferrous metal ores   | 70,469,400           | 46,071,229              | 43,567,661        | 180,408,330        | 340,516,620        |
| 081        | Quarrying of stone, sand and clay  | 3,413,734            | 310,466                 | 1,093,919         | 430,582            | 5,248,700          |
| 089        | Mining and quarrying n.e.c.  | 28,975,043           | 2,301,640               | 1,744,438         | 2,213,584          | 35,234,705         |
| <b>B</b>   | <b>Mining and quarrying</b>  | <b>103,154,832</b>   | <b>48,713,001</b>       | <b>46,454,044</b> | <b>183,052,496</b> | <b>381,374,372</b> |
| 101        | Processing and preserving of meat  | 1,575,135            | 129,956                 | 16,056            | 304,549            | 2,025,696          |
| 102        | Processing and preserving of fish, crustaceans and molluscs  | 11,644,621           | 856,415                 | 315,552           | 927,938            | 13,744,526         |
| 103        | Processing and preserving of fruit and vegetables  | 3,935,895            | 248,968                 | 180,033           | 548,390            | 4,913,286          |
| 104        | Manufacture of vegetable and animal oils and fats  | 9,833,835            | 429,736                 | 1,935,537         | 1,120,703          | 13,319,811         |
| 105        | Manufacture of dairy products  | 3,336,638            | 289,131                 | 110,447           | 210,649            | 3,946,864          |
| 106        | Manufacture of grain mill products, starches and starch products   | 46,023,955           | 2,178,333               | 9,670,320         | 2,121,346          | 59,993,954         |
| 107        | Manufacture of other food products   | 86,787,821           | 8,310,950               | 4,643,447         | 13,904,494         | 113,646,713        |
| 108        | Manufacture of prepared animal feeds   | 1,886,587            | 123,356                 | 173,264           | 46,677             | 2,229,884          |
| 110        | Manufacture of beverages   | 101,136,536          | 7,610,550               | 7,160,516         | 54,651,509         | 170,559,111        |
| 120        | Manufacture of tobacco products  | 45,050,851           | 3,673,232               | 9,708,869         | 6,967,263          | 65,400,214         |
| 131        | Spinning, weaving and finishing of textiles  | 10,354,766           | 652,124                 | 11,788,192        | 492,964            | 23,288,046         |
| 139        | Manufacture of other textiles  | 23,403,316           | 1,533,861               | 14,266,640        | 2,833,246          | 42,037,063         |
| 141        | Manufacture of wearing apparel, except fur apparel   | 16,364,620           | 601,809                 | 9,627,986         | 910,455            | 27,504,871         |
| 143        | Manufacture of knitted and crocheted apparel   | 75,409               | 894                     | 81,555            | 3,990              | 161,849            |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness                            | 461,452              | 34,222                  | 16,032            | 14,093             | 525,798            |
| 152        | Manufacture of footwear  | 2,390,920            | 111,301                 | 198,901           | 91,125             | 2,792,247          |
| 161        | Sawmilling and planing of wood   | 10,294,730           | 634,553                 | 1,373,584         | 403,717            | 12,706,584         |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials  | 2,984,117            | 46,448                  | 525,559           | 53,052             | 3,609,177          |
| 170        | Manufacture of paper and paper products  | 8,040,288            | 510,195                 | 535,956           | 1,951,954          | 11,038,394         |
| 181        | Printing and service activities related to printing  | 15,126,242           | 1,852,187               | 2,036,245         | 1,651,893          | 20,666,566         |
| 182        | Reproduction of recorded media   | 963,388              | 22,012                  | 1,834             | 79,022             | 1,066,257          |
| 192        | Manufacture of refined petroleum products  | 1,090,511            | 101,435                 | 176,812           | 90,242             | 1,459,001          |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms | 4,560,907            | 285,870                 | 417,135           | 318,710            | 5,582,622          |
| 202        | Manufacture of other chemical products   | 24,366,361           | 2,446,038               | 1,549,169         | 1,572,248          | 29,933,816         |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products  | 3,830,797            | 283,745                 | 810,118           | 585,214            | 5,509,875          |
| 221        | Manufacture of rubber products   | 239,522              | 12,702                  | 13,811            | 61,699             | 327,734            |
| 222        | Manufacture of plastics products   | 16,594,402           | 814,221                 | 1,278,152         | 1,817,737          | 20,504,511         |
| 231        | Manufacture of glass and glass products  | 4,424,041            | 277,195                 | 953,313           | 1,425,201          | 7,079,751          |



**Table 33(c) (cont'd): Total Remuneration by Industrial Activity Tanzania Mainland, CIP-2013**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Type of Remuneration |                         |                    |                    | Total Labour Costs   |
|--------------|---|----------------------|-------------------------|--------------------|--------------------|----------------------|
|              |   | Wages and Salaries   | Social Security Schemes | Payment in Kind    | Other Labour Costs |                      |
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 39,920,184           | 3,883,038               | 7,336,619          | 7,832,613          | 58,972,454           |
| 241          | Manufacture of basic iron and steel   | 4,419,472            | 426,808                 | 382,721            | 799,808            | 6,028,809            |
| 242          | Manufacture of basic precious and other non-ferrous metals  | 154,139              | 15,413                  | -                  | -                  | 169,551              |
| 243          | Casting of metals   | 16,570               | -                       | 1,249              | -                  | 17,819               |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 12,976,958           | 175,270                 | 2,880,853          | 117,987            | 16,151,067           |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 4,309,337            | 326,443                 | 591,354            | 573,159            | 5,800,292            |
| 261          | Manufacture of electronic components and boards   | 2,862,337            | -                       | 192,103            | 471,597            | 3,526,037            |
| 267          | Manufacture of optical instruments and photographic equipment   | 24,868               | 2,084                   | -                  | 664                | 27,617               |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 47,681               | 5,713                   | 10,370             | 17,637             | 81,402               |
| 272          | Manufacture of batteries and accumulators   | 978,363              | 108,323                 | 53,130             | 48,663             | 1,188,479            |
| 273          | Manufacture of wiring and wiring devices  | 810,277              | 79,752                  | 50,620             | 249,342            | 1,189,991            |
| 275          | Manufacture of domestic appliances  | 1,699,651            | 63,505                  | 465,711            | 408,532            | 2,637,398            |
| 279          | Manufacture of other electrical equipment   | 487,837              | 130,870                 | 265,884            | 28,256             | 912,847              |
| 281          | Manufacture of general-purpose machinery  | 33,662               | 2,087                   | 3,602              | 50                 | 39,402               |
| 282          | Manufacture of special-purpose machinery  | 2,749,638            | 358,223                 | 392,546            | 378,492            | 3,878,899            |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 929,795              | 114,003                 | 70,768             | 405,398            | 1,519,964            |
| 293          | Manufacture of parts and accessories for motor vehicles   | 4,653,434            | 106,961                 | 50,784             | 78,584             | 4,889,764            |
| 301          | Building of ships and boats   | 88,091               | 7,423                   | 16,812             | 6,218              | 118,545              |
| 309          | Manufacture of transport equipment n.e.c.   | 1,497,116            | 118,335                 | 888,152            | 108,282            | 2,611,884            |
| 310          | Manufacture of furniture  | 27,983,830           | 1,192,316               | 6,091,289          | 2,527,641          | 37,795,078           |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 605,022              | 35,460                  | 121,316            | 4,654              | 766,452              |
| 322          | Manufacture of musical instruments  | 1,501                | -                       | 7,513              | 400                | 9,413                |
| 324          | Manufacture of games and toys   | 52,530               | 4,923                   | 657                | 3,598              | 61,708               |
| 329          | Other manufacturing n.e.c.  | 2,778,650            | 170,483                 | 182,517            | 923,408            | 4,055,058            |
| 331          | Repair of fabricated metal products, machinery and equipment  | 1,903,206            | 421,445                 | 376,078            | 105,029            | 2,805,758            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>568,761,813</b>   | <b>41,820,318</b>       | <b>99,997,686</b>  | <b>110,250,091</b> | <b>820,829,908</b>   |
| 351          | Electric power generation, transmission and distribution  | 150,463,704          | 17,809,234              | 12,428,346         | 5,890,592          | 186,591,875          |
| 353          | Steam and air conditioning supply   | 34,662               | -                       | 4,915              | -                  | 39,577               |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>150,498,366</b>   | <b>17,809,234</b>       | <b>12,433,261</b>  | <b>5,890,592</b>   | <b>186,631,452</b>   |
| 360          | Water collection, treatment and supply  | 21,444,215           | 2,407,221               | 4,043,615          | 4,042,671          | 31,937,721           |
| 383          | Materials recovery  | 444,776              | 10,796                  | 11,651             | 81,457             | 548,681              |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>21,888,990</b>    | <b>2,418,017</b>        | <b>4,055,266</b>   | <b>4,124,129</b>   | <b>32,486,402</b>    |
| <b>Total</b> |   | <b>844,304,001</b>   | <b>110,760,570</b>      | <b>162,940,257</b> | <b>303,317,307</b> | <b>1,421,322,135</b> |



**Table 34(a): Value Added by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

|            |   | (TZS 000)            |                          |                      |                      |                      |
|------------|---|----------------------|--------------------------|----------------------|----------------------|----------------------|
| ISIC Rev.4 | Industrial Activity   | Gross Output         | Intermediate Consumption | Value Added          | Depreciation         | Net Value Added      |
| 051        | Mining of hard coal   | 2,090,793            | 1,697,844                | 392,949              | -                    | 392,949              |
| 072        | Mining of non-ferrous metal ores  | 3,747,376,277        | 951,101,613              | 2,796,274,664        | 1,401,109,651        | 1,395,165,013        |
| 081        | Quarrying of stone, sand and clay   | 48,813,763           | 15,989,136               | 32,824,627           | 7,767,667            | 25,056,961           |
| 089        | Mining and quarrying n.e.c.   | 184,207,419          | 98,183,834               | 86,023,585           | 39,538,816           | 46,484,770           |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>3,982,488,252</b> | <b>1,066,972,426</b>     | <b>2,915,515,825</b> | <b>1,448,416,133</b> | <b>1,467,099,693</b> |
| 101        | Processing and preserving of meat   | 77,230,794           | 17,114,559               | 60,116,234           | 4,215,611            | 55,900,623           |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 291,092,217          | 236,665,636              | 54,426,581           | 7,342,050            | 47,084,532           |
| 103        | Processing and preserving of fruit and vegetables   | 112,389,295          | 73,020,473               | 39,368,822           | 1,085,219            | 38,283,604           |
| 104        | Manufacture of vegetable and animal oils and fats   | 761,390,166          | 506,955,450              | 254,434,716          | 11,883,834           | 242,550,882          |
| 105        | Manufacture of dairy products   | 103,461,982          | 69,798,263               | 33,663,719           | 4,150,240            | 29,513,479           |
| 106        | Manufacture of grain mill products, starches and starch products  | 998,914,477          | 821,844,509              | 177,069,968          | 48,133,952           | 128,936,016          |
| 107        | Manufacture of other food products  | 1,585,650,867        | 448,599,471              | 1,137,051,396        | 44,003,870           | 1,093,047,525        |
| 108        | Manufacture of prepared animal feeds  | 22,945,498           | 18,856,366               | 4,089,131            | 387,724              | 3,701,408            |
| 110        | Manufacture of beverages  | 1,743,088,863        | 723,829,155              | 1,019,259,708        | 257,511,672          | 761,748,036          |
| 120        | Manufacture of tobacco products   | 655,602,895          | 245,735,808              | 409,867,087          | 72,092,468           | 337,774,619          |
| 131        | Spinning, weaving and finishing of textiles   | 152,506,223          | 95,375,315               | 57,130,907           | 26,416,515           | 30,714,392           |
| 139        | Manufacture of other textiles   | 252,083,694          | 145,481,741              | 106,601,953          | 32,171,053           | 74,430,900           |
| 141        | Manufacture of wearing apparel, except fur apparel  | 24,170,136           | 14,354,261               | 9,815,875            | 12,519,139           | -2,703,264           |
| 143        | Manufacture of knitted and crocheted apparel  | 449,241              | 215,605                  | 233,636              | 73,389               | 160,247              |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 23,224,196           | 17,078,108               | 6,146,088            | 333,654              | 5,812,434            |
| 152        | Manufacture of footwear   | 31,817,915           | 23,998,532               | 7,819,383            | 762,578              | 7,056,805            |
| 161        | Sawmilling and planing of wood  | 116,573,583          | 53,273,711               | 63,299,872           | 9,583,845            | 53,716,027           |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 7,847,672            | 3,240,183                | 4,607,489            | 474,478              | 4,133,011            |
| 170        | Manufacture of paper and paper products   | 96,702,739           | 80,383,662               | 16,319,077           | 16,707,558           | -388,480             |
| 181        | Printing and service activities related to printing   | 170,309,789          | 102,595,105              | 67,714,684           | 12,249,124           | 55,465,560           |
| 182        | Reproduction of recorded media  | 7,222,556            | 5,462,318                | 1,760,238            | 476,259              | 1,283,979            |
| 192        | Manufacture of refined petroleum products   | 70,051,898           | 54,992,134               | 15,059,764           | 1,346,083            | 13,713,682           |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 46,570,588           | 31,980,972               | 14,589,616           | 4,808,699            | 9,780,917            |
| 202        | Manufacture of other chemical products  | 507,540,228          | 350,271,135              | 157,269,093          | 14,373,777           | 142,895,316          |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 60,170,009           | 40,589,748               | 19,580,261           | 2,541,403            | 17,038,857           |
| 221        | Manufacture of rubber products  | 2,728,665            | 2,017,897                | 710,768              | 337,378              | 373,389              |
| 222        | Manufacture of plastics products  | 628,812,857          | 443,480,491              | 185,332,365          | 19,898,102           | 165,434,263          |
| 231        | Manufacture of glass and glass products   | 115,594,573          | 43,107,531               | 72,487,042           | 59,654,510           | 12,832,532           |

**Table 34(a) (cont'd): Value Added by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Gross Output          | Intermediate Consumption | Value Added          | Depreciation         | Net Value Added      |
|--------------|---|-----------------------|--------------------------|----------------------|----------------------|----------------------|
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 643,632,932           | 409,134,602              | 234,498,330          | 30,738,279           | 203,760,051          |
| 241          | Manufacture of basic iron and steel   | 160,533,113           | 132,187,891              | 28,345,222           | 3,131,171            | 25,214,051           |
| 242          | Manufacture of basic precious and other non-ferrous metals  | 10,274,127            | 6,029,917                | 4,244,211            | 186,231              | 4,057,980            |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 42,356,569            | 27,097,732               | 15,258,837           | 9,354,034            | 5,904,802            |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 73,560,135            | 52,615,471               | 20,944,664           | 1,829,952            | 19,114,712           |
| 261          | Manufacture of electronic components and boards   | 36,455,945            | 5,488,488                | 30,967,457           | -                    | 30,967,457           |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 170,562               | 86,287                   | 84,274               | 4,730                | 79,545               |
| 272          | Manufacture of batteries and accumulators   | 26,337,385            | 21,267,158               | 5,070,227            | 469,103              | 4,601,125            |
| 273          | Manufacture of wiring and wiring devices  | 33,844,370            | 30,348,444               | 3,495,926            | 420,341              | 3,075,585            |
| 275          | Manufacture of domestic appliances  | 16,331,689            | 9,254,233                | 7,077,456            | 258,891              | 6,818,565            |
| 279          | Manufacture of other electrical equipment   | 26,283,328            | 19,695,770               | 6,587,559            | 1,184,045            | 5,403,514            |
| 282          | Manufacture of special-purpose machinery  | 10,392,859            | 6,145,000                | 4,247,859            | 2,579,062            | 1,668,797            |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 28,337,881            | 18,602,306               | 9,735,575            | 624,404              | 9,111,171            |
| 293          | Manufacture of parts and accessories for motor vehicles   | 10,518,315            | 4,031,742                | 6,486,573            | 1,362,172            | 5,124,401            |
| 301          | Building of ships and boats   | 1,060,712             | 972,886                  | 87,826               | 13,625               | 74,201               |
| 309          | Manufacture of transport equipment n.e.c.   | 59,419,319            | 45,623,760               | 13,795,559           | 720,272              | 13,075,287           |
| 310          | Manufacture of furniture  | 369,045,542           | 261,629,462              | 107,416,080          | 7,487,181            | 99,928,899           |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 514,557               | 134,519                  | 380,038              | 6,378                | 373,660              |
| 324          | Manufacture of games and toys   | 481,533               | 224,286                  | 257,246              | 186,980              | 70,266               |
| 329          | Other manufacturing n.e.c.  | 69,304,804            | 43,259,166               | 26,045,639           | 1,855,420            | 24,190,219           |
| 331          | Repair of fabricated metal products, machinery and equipment  | 34,945,531            | 3,081,348                | 31,864,183           | 805,710              | 31,058,473           |
| <b>C</b>     | <b>Manufacturing</b>  | <b>10,319,944,823</b> | <b>5,767,228,608</b>     | <b>4,552,716,215</b> | <b>728,752,165</b>   | <b>3,823,964,050</b> |
| 351          | Electric power generation, transmission and distribution  | 1,752,292,568         | 1,441,382,589            | 310,909,979          | 374,939,774          | -64,029,795          |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>1,752,292,568</b>  | <b>1,441,382,589</b>     | <b>310,909,979</b>   | <b>374,939,774</b>   | <b>-64,029,795</b>   |
| 360          | Water collection, treatment and supply  | 121,227,478           | 45,383,681               | 75,843,797           | 64,991,937           | 10,851,859           |
| 383          | Materials recovery  | 6,254,049             | 3,560,345                | 2,693,703            | 165,687              | 2,528,016            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>127,481,526</b>    | <b>48,944,026</b>        | <b>78,537,500</b>    | <b>65,157,625</b>    | <b>13,379,876</b>    |
| <b>Total</b> |   | <b>16,182,207,169</b> | <b>8,324,527,649</b>     | <b>7,857,679,519</b> | <b>2,617,265,696</b> | <b>5,240,413,824</b> |



**Table 34(b): Value Added by Industrial Activity, Tanzania Mainland, CIP-2013 (1 -9)**

|            |   |                  |                          |                  |                |                  | (TZS 000) |
|------------|---|------------------|--------------------------|------------------|----------------|------------------|-----------|
| ISIC Rev.4 | Industrial Activity   | Gross Output     | Intermediate Consumption | Value Added      | Depreciation   | Net Value Added  |           |
|            | 072 Mining of non-ferrous metal ores  | 1,567,558        | 561,691                  | 1,005,866        | 16,830         | 989,036          |           |
|            | 081 Quarrying of stone, sand and clay   | 3,400,512        | 1,081,172                | 2,319,340        | 312,615        | 2,006,725        |           |
|            | 089 Mining and quarrying n.e.c.   | 2,381,113        | 830,005                  | 1,551,108        | 68,452         | 1,482,655        |           |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>7,349,183</b> | <b>2,472,868</b>         | <b>4,876,314</b> | <b>397,898</b> | <b>4,478,416</b> |           |
|            | 101 Processing and preserving of meat   | 494,507          | 293,926                  | 200,580          | 50,043         | 150,538          |           |
|            | 102 Processing and preserving of fish, crustaceans and molluscs   | 449,189          | 427,274                  | 21,915           | -              | 21,915           |           |
|            | 103 Processing and preserving of fruit and vegetables   | 2,770,402        | 1,735,022                | 1,035,380        | 31,908         | 1,003,473        |           |
|            | 104 Manufacture of vegetable and animal oils and fats   | 25,238,693       | 11,668,675               | 13,570,018       | 704,679        | 12,865,339       |           |
|            | 105 Manufacture of dairy products   | 2,358,074        | 1,444,086                | 913,988          | 93,166         | 820,822          |           |
|            | 106 Manufacture of grain mill products, starches and starch products  | 225,139,865      | 104,045,772              | 121,094,093      | 7,010,110      | 114,083,983      |           |
|            | 107 Manufacture of other food products  | 15,052,474       | 7,498,703                | 7,553,771        | 258,767        | 7,295,005        |           |
|            | 108 Manufacture of prepared animal feeds  | 6,550,467        | 2,643,237                | 3,907,230        | 398,401        | 3,508,829        |           |
|            | 110 Manufacture of beverages  | 1,821,612        | 770,922                  | 1,050,690        | 134,811        | 915,878          |           |
|            | 120 Manufacture of tobacco products   | 103,760          | 32,582                   | 71,178           | 200            | 70,978           |           |
|            | 131 Spinning, weaving and finishing of textiles   | 265,854          | 146,341                  | 119,513          | -              | 119,513          |           |
|            | 139 Manufacture of other textiles   | 5,818,071        | 2,188,707                | 3,629,364        | 29,339         | 3,600,025        |           |
|            | 141 Manufacture of wearing apparel, except fur apparel  | 76,154,985       | 22,290,259               | 53,864,726       | 1,205,849      | 52,658,877       |           |
|            | 143 Manufacture of knitted and crocheted apparel  | 569,619          | 245,723                  | 323,895          | 11,992         | 311,903          |           |
|            | 151 Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 172,631          | 72,795                   | 99,836           | 29,699         | 70,137           |           |
|            | 152 Manufacture of footwear   | 2,252,664        | 913,438                  | 1,339,226        | 16,099         | 1,323,127        |           |
|            | 161 Sawmilling and planing of wood  | 22,689,692       | 8,905,367                | 13,784,325       | 600,266        | 13,184,059       |           |
|            | 162 Manufacture of products of wood, cork, straw and plaiting materials   | 8,452,443        | 3,371,705                | 5,080,738        | 140,648        | 4,940,090        |           |
|            | 170 Manufacture of paper and paper products   | 185,179          | 84,138                   | 101,041          | 208            | 100,833          |           |
|            | 181 Printing and service activities related to printing   | 6,802,560        | 3,314,708                | 3,487,852        | 228,416        | 3,259,436        |           |
|            | 182 Reproduction of recorded media  | 5,208            | 2,999                    | 2,209            | -              | 2,209            |           |
|            | 201 Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 145,936          | 27,420                   | 118,516          | 27,447         | 91,069           |           |
|            | 202 Manufacture of other chemical products  | 1,523,786        | 683,435                  | 840,351          | 11,647         | 828,704          |           |
|            | 210 Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 22,702           | 9,586                    | 13,116           | 460            | 12,655           |           |
|            | 221 Manufacture of rubber products  | 6,120            | 1,743                    | 4,378            | -              | 4,378            |           |
|            | 222 Manufacture of plastics products  | 1,174,328        | 587,920                  | 586,408          | 119,200        | 467,208          |           |
|            | 231 Manufacture of glass and glass products   | 208,364          | 75,488                   | 132,876          | 141            | 132,734          |           |
|            | 239 Manufacture of non-metallic mineral products n.e.c.   | 48,488,184       | 23,487,812               | 25,000,372       | 12,804,950     | 12,195,422       |           |



**Table 34(b) (cont'd): Value Added by Industrial Activity, Tanzania Mainland, CIP-2013 (1 -9)**

|              |   |                    |                          |                    |                   |                    | (TZS 000) |
|--------------|---|--------------------|--------------------------|--------------------|-------------------|--------------------|-----------|
| ISIC Rev.4   | Industrial Activity   | Gross Output       | Intermediate Consumption | Value Added        | Depreciation      | Net Value Added    |           |
| 241          | Manufacture of basic iron and steel   | 68,243             | 26,624                   | 41,619             | 100               | 41,519             |           |
| 243          | Casting of metals   | 40,718             | 21,809                   | 18,908             | 1,101             | 17,808             |           |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 59,559,911         | 25,076,656               | 34,483,255         | 828,241           | 33,655,014         |           |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 3,970,544          | 2,094,122                | 1,876,422          | 38,921            | 1,837,501          |           |
| 267          | Manufacture of optical instruments and photographic equipment   | 96,826             | 67,828                   | 28,998             | 111               | 28,887             |           |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 6,102              | 4,061                    | 2,041              | -                 | 2,041              |           |
| 275          | Manufacture of domestic appliances  | 3,558,757          | 1,196,195                | 2,362,561          | 11,777            | 2,350,784          |           |
| 279          | Manufacture of other electrical equipment   | 443,318            | 237,376                  | 205,942            | 1,501             | 204,441            |           |
| 281          | Manufacture of general-purpose machinery  | 174,000            | 117,083                  | 56,917             | 11,189            | 45,728             |           |
| 282          | Manufacture of special-purpose machinery  | 3,479,381          | 1,362,922                | 2,116,459          | 194,053           | 1,922,406          |           |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 646,065            | 348,173                  | 297,892            | 4,761             | 293,130            |           |
| 293          | Manufacture of parts and accessories for motor vehicles   | 600,161            | 208,497                  | 391,664            | 24,794            | 366,870            |           |
| 301          | Building of ships and boats   | 72,928             | 18,149                   | 54,778             | 511               | 54,267             |           |
| 309          | Manufacture of transport equipment n.e.c.   | 513,435            | 303,084                  | 210,352            | 2,527             | 207,825            |           |
| 310          | Manufacture of furniture  | 83,571,408         | 31,003,886               | 52,567,522         | 1,398,828         | 51,168,694         |           |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 3,997,576          | 2,057,063                | 1,940,512          | 18,912            | 1,921,600          |           |
| 322          | Manufacture of musical instruments  | 21,498             | 6,274                    | 15,224             | 460               | 14,763             |           |
| 324          | Manufacture of games and toys   | 108,968            | 79,084                   | 29,884             | 120               | 29,764             |           |
| 329          | Other manufacturing n.e.c.  | 364,538            | 158,890                  | 205,648            | 197               | 205,451            |           |
| 331          | Repair of fabricated metal products, machinery and equipment  | 638,723            | 217,476                  | 421,247            | 24,020            | 397,227            |           |
| <b>C</b>     | <b>Manufacturing</b>  | <b>616,850,470</b> | <b>261,575,037</b>       | <b>355,275,433</b> | <b>26,470,570</b> | <b>328,804,863</b> |           |
| 351          | Electric power generation, transmission and distribution  | 1,385,967          | 697,516                  | 688,451            | 50,524            | 637,928            |           |
| 353          | Steam and air conditioning supply   | 204,116            | 72,329                   | 131,787            | 2,281             | 129,506            |           |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>1,590,084</b>   | <b>769,845</b>           | <b>820,239</b>     | <b>52,805</b>     | <b>767,434</b>     |           |
| 360          | Water collection, treatment and supply  | 2,714,271          | 911,233                  | 1,803,038          | 346,471           | 1,456,567          |           |
| 383          | Materials recovery  | 234,477            | 128,784                  | 105,693            | 45,648            | 60,045             |           |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>2,948,748</b>   | <b>1,040,018</b>         | <b>1,908,731</b>   | <b>392,119</b>    | <b>1,516,612</b>   |           |
| <b>Total</b> |   | <b>628,738,484</b> | <b>265,857,768</b>       | <b>362,880,716</b> | <b>27,313,391</b> | <b>335,567,326</b> |           |



**Table 34(c): Total Value Added by Industrial Activity, Tanzania Mainland, CIP-2013**

(TZS 000)

| ISIC Rev.4 | Industrial Activity   | Gross Output         | Intermediate Consumption | Value Added          | Depreciation         | Net Value Added      |
|------------|---|----------------------|--------------------------|----------------------|----------------------|----------------------|
| 051        | Mining of hard coal   | 2,090,793            | 1,697,844                | 392,949              | -                    | 392,949              |
| 072        | Mining of non-ferrous metal ores  | 3,748,943,835        | 951,663,305              | 2,797,280,530        | 1,401,126,481        | 1,396,154,049        |
| 081        | Quarrying of stone, sand and clay   | 52,214,275           | 17,070,308               | 35,143,968           | 8,080,282            | 27,063,686           |
| 089        | Mining and quarrying n.e.c.   | 186,588,532          | 99,013,839               | 87,574,693           | 39,607,268           | 47,967,425           |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>3,989,837,434</b> | <b>1,069,445,295</b>     | <b>2,920,392,140</b> | <b>1,448,814,031</b> | <b>1,471,578,109</b> |
| 101        | Processing and preserving of meat   | 77,725,300           | 17,408,486               | 60,316,815           | 4,265,654            | 56,051,161           |
| 102        | Processing and preserving of fish, crustaceans and molluscs                             | 291,541,406          | 237,092,909              | 54,448,497           | 7,342,050            | 47,106,447           |
| 103        | Processing and preserving of fruit and vegetables                                       | 115,159,698          | 74,755,495               | 40,404,203           | 1,117,126            | 39,287,077           |
| 104        | Manufacture of vegetable and animal oils and fats                                       | 786,628,860          | 518,624,126              | 268,004,734          | 12,588,512           | 255,416,222          |
| 105        | Manufacture of dairy products   | 105,820,057          | 71,242,349               | 34,577,707           | 4,243,407            | 30,334,300           |
| 106        | Manufacture of grain mill products, starches and starch products                        | 1,224,054,342        | 925,890,281              | 298,164,061          | 55,144,062           | 243,019,999          |
| 107        | Manufacture of other food products  | 1,600,703,341        | 456,098,174              | 1,144,605,167        | 44,262,637           | 1,100,342,530        |
| 108        | Manufacture of prepared animal feeds  | 29,495,964           | 21,499,603               | 7,996,361            | 786,125              | 7,210,236            |
| 110        | Manufacture of beverages  | 1,744,910,475        | 724,600,078              | 1,020,310,397        | 257,646,483          | 762,663,914          |
| 120        | Manufacture of tobacco products   | 655,706,655          | 245,768,390              | 409,938,265          | 72,092,668           | 337,845,597          |
| 131        | Spinning, weaving and finishing of textiles   | 152,772,077          | 95,521,657               | 57,250,421           | 26,416,515           | 30,833,906           |
| 139        | Manufacture of other textiles   | 257,901,766          | 147,670,448              | 110,231,318          | 32,200,393           | 78,030,925           |
| 141        | Manufacture of wearing apparel, except fur apparel                                      | 100,325,120          | 36,644,519               | 63,680,601           | 13,724,987           | 49,955,614           |
| 143        | Manufacture of knitted and crocheted apparel  | 1,018,860            | 461,328                  | 557,532              | 85,381               | 472,150              |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness | 23,396,827           | 17,150,903               | 6,245,924            | 363,353              | 5,882,571            |
| 152        | Manufacture of footwear   | 34,070,578           | 24,911,970               | 9,158,609            | 778,677              | 8,379,932            |
| 161        | Sawmilling and planing of wood  | 139,263,275          | 62,179,078               | 77,084,197           | 10,184,111           | 66,900,086           |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials                     | 16,300,115           | 6,611,888                | 9,688,227            | 615,126              | 9,073,101            |
| 170        | Manufacture of paper and paper products   | 96,887,918           | 80,467,800               | 16,420,118           | 16,707,766           | -287,647             |
| 181        | Printing and service activities related to printing                                     | 177,112,348          | 105,909,812              | 71,202,536           | 12,477,540           | 58,724,996           |
| 182        | Reproduction of recorded media  | 7,227,764            | 5,465,317                | 1,762,447            | 476,259              | 1,286,187            |
| 192        | Manufacture of refined petroleum products   | 70,051,898           | 54,992,134               | 15,059,764           | 1,346,083            | 13,713,682           |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics            | 46,716,524           | 32,008,392               | 14,708,132           | 4,836,145            | 9,871,987            |
| 202        | Manufacture of other chemical products  | 509,064,014          | 350,954,569              | 158,109,444          | 14,385,424           | 143,724,021          |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products               | 60,192,711           | 40,599,335               | 19,593,376           | 2,541,864            | 17,051,512           |
| 221        | Manufacture of rubber products  | 2,734,785            | 2,019,640                | 715,145              | 337,378              | 377,767              |
| 222        | Manufacture of plastics products  | 629,987,185          | 444,068,411              | 185,918,774          | 20,017,302           | 165,901,472          |
| 231        | Manufacture of glass and glass products   | 115,802,936          | 43,183,019               | 72,619,917           | 59,654,651           | 12,965,266           |



**Table 34(c) (cont'd): Total Value Added by Industrial Activity, Tanzania Mainland, CIP-2013**

|              |   | (TZS 000)             |                          |                      |                      |                      |
|--------------|---|-----------------------|--------------------------|----------------------|----------------------|----------------------|
| ISIC Rev.4   | Industrial Activity   | Gross Output          | Intermediate Consumption | Value Added          | Depreciation         | Net Value Added      |
| 239          | Manufacture of non-metallic mineral products n.e.c.   | 692,121,116           | 432,622,415              | 259,498,702          | 43,543,229           | 215,955,473          |
| 241          | Manufacture of basic iron and steel   | 160,601,356           | 132,214,515              | 28,386,842           | 3,131,271            | 25,255,570           |
| 242          | Manufacture of basic precious and other non-ferrous metals  | 10,274,127            | 6,029,917                | 4,244,211            | 186,231              | 4,057,980            |
| 243          | Casting of metals   | 40,718                | 21,809                   | 18,908               | 1,101                | 17,808               |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 101,916,480           | 52,174,389               | 49,742,092           | 10,182,276           | 39,559,816           |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 77,530,679            | 54,709,593               | 22,821,086           | 1,868,873            | 20,952,213           |
| 261          | Manufacture of electronic components and boards   | 36,455,945            | 5,488,488                | 30,967,457           | -                    | 30,967,457           |
| 267          | Manufacture of optical instruments and photographic equipment   | 96,826                | 67,828                   | 28,998               | 111                  | 28,887               |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 176,664               | 90,349                   | 86,315               | 4,730                | 81,585               |
| 272          | Manufacture of batteries and accumulators   | 26,337,385            | 21,267,158               | 5,070,227            | 469,103              | 4,601,125            |
| 273          | Manufacture of wiring and wiring devices  | 33,844,370            | 30,348,444               | 3,495,926            | 420,341              | 3,075,585            |
| 275          | Manufacture of domestic appliances  | 19,890,445            | 10,450,428               | 9,440,017            | 270,668              | 9,169,349            |
| 279          | Manufacture of other electrical equipment   | 26,726,646            | 19,933,145               | 6,793,501            | 1,185,546            | 5,607,955            |
| 281          | Manufacture of general-purpose machinery  | 174,000               | 117,083                  | 56,917               | 11,189               | 45,728               |
| 282          | Manufacture of special-purpose machinery  | 13,872,240            | 7,507,922                | 6,364,318            | 2,773,115            | 3,591,203            |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 28,983,946            | 18,950,479               | 10,033,467           | 629,165              | 9,404,302            |
| 293          | Manufacture of parts and accessories for motor vehicles   | 11,118,476            | 4,240,239                | 6,878,237            | 1,386,966            | 5,491,271            |
| 301          | Building of ships and boats   | 1,133,640             | 991,036                  | 142,605              | 14,137               | 128,468              |
| 309          | Manufacture of transport equipment n.e.c.   | 59,932,754            | 45,926,844               | 14,005,911           | 722,798              | 13,283,112           |
| 310          | Manufacture of furniture  | 452,616,950           | 292,633,348              | 159,983,602          | 8,886,009            | 151,097,593          |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 4,512,133             | 2,191,583                | 2,320,550            | 25,291               | 2,295,260            |
| 322          | Manufacture of musical instruments  | 21,498                | 6,274                    | 15,224               | 460                  | 14,763               |
| 324          | Manufacture of games and toys   | 590,500               | 303,370                  | 287,130              | 187,100              | 100,030              |
| 329          | Other manufacturing n.e.c.  | 69,669,342            | 43,418,056               | 26,251,287           | 1,855,616            | 24,395,670           |
| 331          | Repair of fabricated metal products, machinery and equipment  | 35,584,254            | 3,298,825                | 32,285,430           | 829,729              | 31,455,700           |
| <b>C</b>     | <b>Manufacturing</b>  | <b>10,936,795,293</b> | <b>6,028,803,646</b>     | <b>4,907,991,647</b> | <b>755,222,734</b>   | <b>4,152,768,913</b> |
| 351          | Electric power generation, transmission and distribution  | 1,753,678,535         | 1,442,080,105            | 311,598,430          | 374,990,297          | -63,391,867          |
| 353          | Steam and air conditioning supply   | 204,116               | 72,329                   | 131,787              | 2,281                | 129,506              |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>1,753,882,651</b>  | <b>1,442,152,434</b>     | <b>311,730,218</b>   | <b>374,992,578</b>   | <b>-63,262,361</b>   |
| 360          | Water collection, treatment and supply  | 123,941,749           | 46,294,914               | 77,646,835           | 65,338,408           | 12,308,426           |
| 383          | Materials recovery  | 6,488,526             | 3,689,130                | 2,799,396            | 211,335              | 2,588,061            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>130,430,275</b>    | <b>49,984,044</b>        | <b>80,446,231</b>    | <b>65,549,743</b>    | <b>14,896,488</b>    |
| <b>Total</b> |   | <b>16,810,945,653</b> | <b>8,590,385,417</b>     | <b>8,220,560,235</b> | <b>2,644,579,086</b> | <b>5,575,981,149</b> |



**Table 35: Stocks held by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4 | Industrial Activity   | At the Beginning       |                        |                   | At the End             |                        |                   |
|------------|---|------------------------|------------------------|-------------------|------------------------|------------------------|-------------------|
|            |   | Materials and Supplies | Semi-Finished Products | Finished Products | Materials and Supplies | Semi-Finished Products | Finished products |
| 051        | Mining of hard coal   | -                      | -                      | -                 | -                      | -                      | -                 |
| 072        | Mining of non-ferrous metal ores  | 662,459,179            | 174,796,367            | 37,542,466        | 576,803,954            | 131,711,342            | 45,917,772        |
| 081        | Quarrying of stone, sand and clay   | 2,358,553              | 64,008                 | 28,191,757        | 1,929,077              | 38,659                 | 30,738,763        |
| 089        | Mining and quarrying n.e.c.   | 9,595,060              | 7,682,072              | 4,418,774         | 9,502,134              | 5,660,797              | 4,019,344         |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>674,412,792</b>     | <b>182,542,447</b>     | <b>70,152,997</b> | <b>588,235,165</b>     | <b>137,410,799</b>     | <b>80,675,879</b> |
| 101        | Processing and preserving of meat   | 683,294                | -                      | 225,639           | 893,865                | -                      | 934,827           |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 2,490,645              | -                      | 19,391,300        | 3,355,622              | -                      | 16,940,628        |
| 103        | Processing and preserving of fruit and vegetables   | 6,315,260              | 581,890                | 5,611,907         | 6,084,822              | 1,452,340              | 7,762,529         |
| 104        | Manufacture of vegetable and animal oils and fats   | 91,191,594             | 1,776,370              | 27,495,504        | 71,055,090             | 2,602,549              | 29,723,473        |
| 105        | Manufacture of dairy products   | 6,395,655              | 307,194                | 1,388,252         | 14,418,008             | 1,246,701              | 1,459,190         |
| 106        | Manufacture of grain mill products, starches and starch products  | 133,636,710            | 266,467                | 11,628,014        | 156,830,306            | 334,085                | 13,552,869        |
| 107        | Manufacture of other food products  | 72,780,408             | 384,346                | 55,222,282        | 92,571,791             | 365,801                | 57,042,460        |
| 108        | Manufacture of prepared animal feeds  | 3,606,866              | 160,859                | 413,154           | 3,252,677              | 454,829                | 1,482,957         |
| 110        | Manufacture of beverages  | 72,467,937             | 18,978,632             | 31,930,446        | 139,808,780            | 15,580,869             | 84,729,273        |
| 120        | Manufacture of tobacco products   | 75,239,915             | 220,118                | 32,129,635        | 98,586,619             | 190,102                | 40,905,780        |
| 131        | Spinning, weaving and finishing of textiles   | 36,969,287             | 10,503,068             | 5,169,545         | 40,290,926             | 14,890,325             | 7,571,381         |
| 139        | Manufacture of other textiles   | 41,630,842             | 1,111,549              | 6,839,548         | 66,139,027             | 1,538,766              | 16,894,327        |
| 141        | Manufacture of wearing apparel, except fur apparel  | 340,159                | 260,888                | 570,103           | 407,012                | 502,701                | 689,399           |
| 143        | Manufacture of knitted and crocheted apparel  | -                      | 5,003                  | 15,008            | -                      | 25,013                 | 60,032            |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 926,280                | 191,552                | 1,057,114         | 1,405,042              | 140,031                | 1,621,779         |
| 152        | Manufacture of footwear   | 4,515,478              | 42,119                 | 1,226,804         | 3,502,003              | 15,054                 | 2,595,234         |
| 161        | Sawmilling and planing of wood  | 24,295,422             | 246,045                | 876,016           | 6,231,089              | 913,617                | 4,453,304         |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 334,881                | 7,522                  | 477,319           | 256,762                | 10,664                 | 260,431           |
| 170        | Manufacture of paper and paper products   | 4,429,967              | 454,655                | 4,410,515         | 5,594,596              | 529,267                | 1,385,090         |
| 181        | Printing and service activities related to printing   | 25,333,174             | 1,223,308              | 5,927,166         | 18,900,962             | 1,823,912              | 3,807,971         |
| 182        | Reproduction of recorded media  | 1,075,310              | 284,387                | 346,566           | 1,125,144              | 261,439                | 338,239           |
| 192        | Manufacture of refined petroleum products   | 8,529,122              | -                      | -                 | 14,332,093             | 2,321,438              | 2,861,567         |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 4,559,931              | -                      | 1,200,376         | 5,906,745              | -                      | 1,324,984         |
| 202        | Manufacture of other chemical products  | 41,961,181             | 2,037,143              | 15,996,394        | 48,432,134             | 2,907,482              | 17,641,526        |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 13,367,297             | 7,326,401              | 918,208           | 12,896,333             | 7,782,815              | 946,998           |
| 221        | Manufacture of rubber products  | 137,461                | -                      | 318,671           | 214,804                | -                      | 617,732           |



**Table 35 (cont'd): Stocks held by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC     | Rev.4  | Industrial Activity   | At the Beginning       |                        |                    | At the End             |                        |                    |
|----------|--|---|------------------------|------------------------|--------------------|------------------------|------------------------|--------------------|
|          |  |   | Materials and Supplies | Semi-Finished Products | Finished Products  | Materials and Supplies | Semi-Finished Products | Finished Products  |
|          | 222  | Manufacture of plastics products  | 30,970,784             | 6,014,021              | 20,023,484         | 42,256,995             | 10,588,331             | 23,477,147         |
|          | 231  | Manufacture of glass and glass products   | 5,149,022              | 7,565,442              | 6,272,450          | 4,083,068              | 12,630,178             | 5,193,635          |
|          | 239  | Manufacture of non-metallic mineral products n.e.c.   | 55,739,669             | 17,356,502             | 5,016,692          | 68,577,539             | 13,722,231             | 6,786,223          |
|          | 241  | Manufacture of basic iron and steel   | 7,000,505              | 5,662,011              | 13,202,041         | 12,002,114             | 7,359,235              | 19,566,368         |
|          | 242  | Manufacture of basic precious and other non-ferrous metals  | 219,319                | 131,591                | 4,035,467          | 964,665                | 723,499                | 3,135,160          |
|          | 251  | Manufacture of structural metal products, tanks, reservoirs   | 2,407,724              | 102,157                | 561,382            | 3,123,265              | 196,332                | 1,614,153          |
|          | 259  | Manufacture of other fabricated metal products  | 10,502,690             | 828,410                | 5,571,423          | 12,339,384             | 1,037,311              | 5,165,558          |
|          | 261  | Manufacture of electronic components and boards   | 4,792,998              | 72,326                 | 1,124,688          | 4,427,702              | 630,896                | 829,459            |
|          | 271  | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | -                      | -                      | 7,984              | -                      | -                      | 7,189              |
|          | 272  | Manufacture of batteries and accumulators   | 1,606,742              | 143,194                | 425,207            | 1,967,297              | 169,490                | 226,333            |
|          | 273  | Manufacture of wiring and wiring devices  | 7,094,842              | -                      | 506,854            | 7,383,669              | -                      | 410,810            |
|          | 275  | Manufacture of domestic appliances  | 167,564                | 195,305                | 428,252            | 515,012                | 1,007,285              | 526,869            |
|          | 279  | Manufacture of other electrical equipment   | 1,483,774              | 303,025                | 1,690,545          | 1,361,179              | 832,427                | 2,209,216          |
|          | 282  | Manufacture of special-purpose machinery  | 537,205                | 90,895                 | 239,327            | 973,792                | 190,356                | 563,380            |
|          | 292  | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 7,019,896              | -                      | -                  | 8,185,946              | -                      | -                  |
|          | 293  | Manufacture of parts and accessories for motor vehicles   | 751,804                | -                      | 132,459            | 1,014,026              | -                      | 303,322            |
|          | 301  | Building of ships and boats   | -                      | 979,276                | -                  | -                      | 808,389                | -                  |
|          | 309  | Manufacture of transport equipment n.e.c.   | 20,822,968             | -                      | -                  | 19,213,403             | -                      | -                  |
|          | 310  | Manufacture of furniture  | 38,194,443             | 1,481,005              | 13,254,227         | 41,576,142             | 1,559,450              | 10,588,086         |
|          | 321  | Manufacture of jewellery, bijouterie and related articles   | 116,901                | -                      | -                  | 227,731                | -                      | -                  |
|          | 324  | Manufacture of games and toys   | 6,003                  | -                      | -                  | 6,704                  | -                      | -                  |
|          | 329  | Other manufacturing n.e.c.  | 3,991,699              | 741,707                | 1,972,624          | 3,775,623              | 494,933                | 2,348,321          |
|          | 331  | Repair of fabricated metal products, machinery and equipment  | 4,238,102              | -                      | -                  | 4,001,112              | -                      | -                  |
| <b>C</b> | <b>Manufacturing</b>   |   | <b>876,028,729</b>     | <b>88,036,381</b>      | <b>305,250,589</b> | <b>1,050,468,620</b>   | <b>107,840,141</b>     | <b>400,555,211</b> |
|          | 351  | Electric power generation, transmission and distribution  | 92,552,173             | -                      | -                  | 99,936,743             | 1,001,031              | -                  |
| <b>D</b> | <b>Electricity, gas, steam and air conditioning supply</b>                 |   | <b>92,552,173</b>      | <b>-</b>               | <b>-</b>           | <b>99,936,743</b>      | <b>1,001,031</b>       | <b>-</b>           |
|          | 360  | Water collection, treatment and supply  | 5,466,660              | 36,273,260             | 500,328            | 5,924,268              | 54,156,848             | 1,598,623          |
|          | 383  | Materials recovery  | 463,636                | -                      | 412,419            | 379,363                | -                      | 358,048            |
| <b>E</b> | <b>Water supply; sewerage, waste management and remediation activities</b> |   | <b>5,930,296</b>       | <b>36,273,260</b>      | <b>912,746</b>     | <b>6,303,630</b>       | <b>54,156,848</b>      | <b>1,956,671</b>   |
|          | <b>Total</b>   |   | <b>1,648,923,990</b>   | <b>306,852,087</b>     | <b>376,316,333</b> | <b>1,744,944,158</b>   | <b>300,408,820</b>     | <b>483,187,762</b> |



**Table 36: Expenditure on Fixed Assets by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4 | Industrial Activity   | Land improvement   | Buildings 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 |
|------------|---|--------------------|--|---------------------|-------------------------------|------------------------------------|----------------------|--------------------|---------------------------------|
| 051        | Mining of hard coal   | 1,301              | 0                                      | 0                   | 13,536                        | 0                                  | 1,229,588            | 1,818              | 1,242,607                       |
| 072        | Mining of non-ferrous metal ores  | 111,810,180        | 764,678,523                            | 117,017,793         | 1,391,808,368                 | 16,255,656                         | 1,043,691,006        | 221,342,953        | 3,223,918,574                   |
| 081        | Quarrying of stone, sand and clay   | 695,902            | 26,085,242                             | 8,237,934           | 34,723,430                    | 974,583                            | 1,275,919            | 4,976,696          | 67,016,315                      |
| 089        | Mining and quarrying n.e.c.   | 113,154,278        | 32,209,576                             | 23,564,218          | 110,491,356                   | 1,614,666                          | 6,115,839            | 57,322,225         | 229,827,708                     |
| <b>B</b>   | <b>Mining and quarrying</b>   | <b>225,661,661</b> | <b>822,973,341</b>                     | <b>148,819,945</b>  | <b>1,537,036,691</b>          | <b>18,844,906</b>                  | <b>1,052,312,352</b> | <b>283,643,692</b> | <b>3,522,005,204</b>            |
| 101        | Processing and preserving of meat   | 3,900,331          | 28,401,824                             | 338,883             | 4,167,661                     | 74,679                             | 99,962               | 1,941,071          | 35,042,269                      |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 802,052            | 45,475,527                             | 6,062,394           | 27,912,171                    | 203,440                            | 2,347,807            | 6,174,177          | 76,629,214                      |
| 103        | Processing and preserving of fruit and vegetables   | 1,364,662          | 1,471,021                              | 976,707             | 3,319,570                     | 69,573                             | 323,582              | 302,788            | 7,222,327                       |
| 104        | Manufacture of vegetable and animal oils and fats   | 18,794,613         | 30,845,209                             | 7,646,105           | 77,182,285                    | 228,778                            | 626,955              | 45,154,099         | 90,169,847                      |
| 105        | Manufacture of dairy products   | 603,609            | 6,037,177                              | 1,419,685           | 5,768,605                     | 242,788                            | 40,954               | 1,116,456          | 12,996,363                      |
| 106        | Manufacture of grain mill products, starches and starch products  | 49,720,945         | 180,103,769                            | 95,501,371          | 125,249,254                   | 3,178,095                          | 828,797              | 135,442,128        | 319,140,103                     |
| 107        | Manufacture of other food products  | 44,045,994         | 239,219,994                            | 31,706,472          | 323,720,061                   | 38,971,151                         | 38,524,680           | 179,591,675        | 536,596,677                     |
| 108        | Manufacture of prepared animal feeds  | 612,132            | 8,498,499                              | 481,697             | 2,601,883                     | 14,097                             | 76,479               | 307,689            | 11,977,098                      |
| 110        | Manufacture of beverages  | 12,933,006         | 181,541,029                            | 53,781,189          | 709,935,323                   | 13,428,238                         | 169,803,946          | 244,606,462        | 896,816,268                     |
| 120        | Manufacture of tobacco products   | 1,435,373          | 41,601,024                             | 8,392,763           | 94,472,726                    | 1,956,275                          | 24,663,791           | 30,844,932         | 141,677,020                     |
| 131        | Spinning, weaving and finishing of textiles   | 2,449,564          | 10,986,427                             | 1,467,107           | 110,917,766                   | 8,582,391                          | 28,378               | 8,854,315          | 125,577,318                     |
| 139        | Manufacture of other textiles   | 7,816,607          | 60,226,323                             | 2,047,037           | 118,597,842                   | 207,860                            | 2,729,076            | 43,441,897         | 148,182,848                     |
| 141        | Manufacture of wearing apparel, except fur apparel  | 13,065,299         | 428,760                                | 19,339,739          | 66,248,193                    | 115,028                            | 7,511,548            | 1,233,606          | 105,474,962                     |
| 143        | Manufacture of knitted and crocheted apparel  | 100,054            | 609,492                                | 0                   | 52,863                        | 4,502                              | 0                    | 0                  | 766,912                         |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 30,263             | 507,420                                | 41,879              | 1,271,246                     | 21,196                             | 43,842               | 2,326              | 1,913,520                       |
| 152        | Manufacture of footwear   | 12,441             | 2,535,640                              | 366,033             | 3,040,832                     | 53,338                             | 119,716              | 1,607,144          | 4,520,855                       |
| 161        | Sawmilling and planing of wood  | 420,138            | 10,828,584                             | 6,109,110           | 29,514,558                    | 20,003                             | 10,811,983           | 3,653,114          | 54,051,261                      |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 118,378            | 1,238,656                              | 274,103             | 5,535,886                     | 2,512                              | 43,199               | 239,200            | 6,973,534                       |
| 170        | Manufacture of paper and paper products   | 14,789,714         | 30,364,202                             | 5,375,418           | 78,675,494                    | 881,661                            | 58,099,846           | 9,063,771          | 179,122,563                     |
| 181        | Printing and service activities related to printing   | 2,449,882          | 20,462,790                             | 3,147,636           | 74,513,820                    | 934,579                            | 667,808              | 21,690,044         | 80,486,471                      |
| 182        | Reproduction of recorded media  | 0                  | 0                                      | 781                 | 2,081,206                     | 62,082                             | 201,302              | 454,430            | 1,890,941                       |
| 192        | Manufacture of refined petroleum products   | 300,814            | 142,717                                | 478,879             | 5,327,169                     | 21,869                             | 775,857              | 862,407            | 6,184,897                       |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 411,562            | 7,213,196                              | 2,589,473           | 23,859,477                    | 36,843                             | 996,692              | 5,702,323          | 29,404,919                      |
| 202        | Manufacture of other chemical products  | 2,516,452          | 45,533,736                             | 4,410,347           | 48,886,663                    | 1,632,413                          | 1,303,938            | 19,852,132         | 84,431,418                      |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 10,152,534         | 9,269,080                              | 255,066             | 8,914,378                     | 74,961                             | 904,452              | 1,281,340          | 28,289,130                      |
| 221        | Manufacture of rubber products  | 0                  | 180,824                                | 96,832              | 736,725                       | 10,677                             | 32,190               | 74,186             | 983,062                         |
| 222        | Manufacture of plastics products  | 9,782,484          | 31,014,009                             | 3,702,492           | 84,520,480                    | 684,128                            | 5,385,289            | 20,634,107         | 114,454,776                     |
| 231        | Manufacture of glass and glass products   | 0                  | 21,092,263                             | 946,162             | 71,050,066                    | 133,811                            | 10,080               | 6,652,729          | 86,579,653                      |
| 239        | Manufacture of non-metallic mineral products n.e.c.   | 9,584,824          | 136,907,003                            | 22,089,151          | 217,753,608                   | 995,435                            | 57,064,353           | 68,147,384         | 376,246,990                     |



**Table 36 (cont'd): Expenditure on Fixed Assets by Industrial Activity, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Land improvement     | Buildings 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   | 15,743,938           | 13,488,037                             | 5,391,979           | 21,445,017                    | 235,817                            | 443,660              | 11,983,935           | 44,764,512                      |
| 242          | Manufacture of basic precious and other non-ferrous metals  | 0                    | 1,065,647                              | 102,983             | 1,052,478                     | 0                                  | 10,845               | 100,957              | 2,130,995                       |
| 251          | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 573,183              | 3,660,507                              | 9,943,455           | 15,750,447                    | 539,211                            | 2,736,594            | 2,616,064            | 30,587,334                      |
| 259          | Manufacture of other fabricated metal products; metalworking service activities                             | 501,395              | 49,471,706                             | 633,968             | 9,240,189                     | 397,091                            | 224,476              | 3,008,999            | 57,459,827                      |
| 261          | Manufacture of electronic components and boards   | 0                    | 2,404,129                              | 0                   | 5,782,133                     | 69,673                             | 0                    | 590,461              | 7,665,475                       |
| 271          | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus |                      | 76,690                                 | 832                 |                               |                                    | 123,983              | 0                    | 201,505                         |
| 272          | Manufacture of batteries and accumulators   | 0                    | 421,385                                | 39,602              | 1,887,545                     | 0                                  | 84,421               | 1,018,185            | 1,414,767                       |
| 273          | Manufacture of wiring and wiring devices  | 0                    | 988,601                                | 157,070             | 2,408,773                     | 2,776                              | 134,239              | 840,410              | 2,851,050                       |
| 275          | Manufacture of domestic appliances  | 758,407              | 2,887,433                              | 710,010             | 303,174                       | 31,244                             | 103,279              | 716,721              | 4,076,827                       |
| 279          | Manufacture of other electrical equipment   | 0                    | 15,497,755                             | 319,744             | 5,205,256                     | 0                                  | 122,333              | 381,246              | 20,763,841                      |
| 282          | Manufacture of special-purpose machinery  | 3,717,287            | 1,663,877                              | 415,126             | 1,811,469                     | 750,413                            | 134,869              | 444,923              | 8,048,117                       |
| 292          | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 0                    | 4,587,974                              | 905,602             | 1,288,753                     | 1,207,711                          | 38,230               | 340,214              | 7,688,056                       |
| 293          | Manufacture of parts and accessories for motor vehicles   | 12,638,141           | 21,706,293                             | 241,286             | 2,113,498                     | 150,494                            | 42,397               | 19,907,886           | 16,984,222                      |
| 301          | Building of ships and boats   | 162,733              | 0                                      | 28,255              | 185,042                       | 7,040                              | 7,540                | 0                    | 390,611                         |
| 309          | Manufacture of transport equipment n.e.c.   | 168,873              | 6,813,871                              | 986,510             | 1,024,790                     | 76,016                             | 309,327              | 723,204              | 8,656,182                       |
| 310          | Manufacture of furniture  | 3,090,311            | 22,617,813                             | 4,040,280           | 71,654,843                    | 1,011,293                          | 1,715,635            | 17,426,863           | 86,703,313                      |
| 321          | Manufacture of jewellery, bijouterie and related articles   | 0                    | 0                                      | 0                   | 44,649                        | 0                                  | 0                    | 0                    | 44,649                          |
| 324          | Manufacture of games and toys   | 25,013               | 470,814                                | 1                   | 35,019                        | 590                                | 11,781               | 0                    | 543,219                         |
| 329          | Other manufacturing n.e.c.  | 36,490               | 780,533                                | 564,393             | 11,331,380                    | 66,191                             | 347,777              | 1,278,699            | 11,848,064                      |
| 331          | Repair of fabricated metal products, machinery and equipment  | 89,703               | 229,709                                | 36,544              | 7,016,141                     | 306                                | 1,654                | 1,802                | 7,372,255                       |
| <b>C</b>     | <b>Manufacturing</b>  | <b>245,719,201</b>   | <b>1,301,568,969</b>                   | <b>303,562,151</b>  | <b>2,485,408,406</b>          | <b>77,388,270</b>                  | <b>390,659,540</b>   | <b>920,308,501</b>   | <b>3,883,998,035</b>            |
| 351          | Electric power generation, transmission and distribution  | 5,388,176,463        | 47,125,387,182                         | 95,004,642          | 1,593,305,693                 | 39,753,787                         | 18,282               | 17,006,679           | 54,224,639,371                  |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>5,388,176,463</b> | <b>47,125,387,182</b>                  | <b>95,004,642</b>   | <b>1,593,305,693</b>          | <b>39,753,787</b>                  | <b>18,282</b>        | <b>17,006,679</b>    | <b>54,224,639,371</b>           |
| 360          | Water collection, treatment and supply  | 33,124,491           | 74,103,473                             | 13,303,204          | 100,502,634                   | 1,849,628                          | 144,654,992          | 8,422,325            | 359,116,098                     |
| 383          | Materials recovery  | 0                    | 361,168                                | 114,185             | 767,141                       | 2,402                              | 5,658                | 446,669              | 803,885                         |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>33,124,491</b>    | <b>74,464,641</b>                      | <b>13,417,389</b>   | <b>101,269,774</b>            | <b>1,852,031</b>                   | <b>144,660,650</b>   | <b>8,868,994</b>     | <b>359,919,983</b>              |
| <b>Total</b> |   | <b>5,892,681,816</b> | <b>49,324,394,133</b>                  | <b>560,804,127</b>  | <b>5,717,020,564</b>          | <b>137,838,994</b>                 | <b>1,587,650,824</b> | <b>1,229,827,866</b> | <b>61,990,562,593</b>           |



**Table 37(a): Number of Establishments by Industrial Activity and Region, Tanzania Mainland, CIP-2013 (10+)**

| ISIC     | Rev.4 | Industrial Activity   | Arusha | Dar es Salaam | Iringa | Kagera | Manyara | Mara | Mbeya | Morogoro | Ruvuma | Others | Total |
|----------|-------|---|--------|---------------|--------|--------|---------|------|-------|----------|--------|--------|-------|
|          | 051   | Mining of hard coal   | -      | -             | -      | -      | -       | -    | 1     | -        | -      | -      | 1     |
|          | 072   | Mining of non-ferrous metal ores  | -      | -             | 1      | -      | 1       | 4    | 4     | -        | -      | 22     | 32    |
|          | 081   | Quarrying of stone, sand and clay   | -      | 1             | -      | 1      | -       | 1    | 5     | -        | -      | 11     | 20    |
|          | 089   | Mining and quarrying n.e.c.   | -      | 2             | -      | -      | 141     | 4    | 3     | 1        | -      | 4      | 156   |
| <b>B</b> |       | <b>Mining and quarrying</b>   | -      | 3             | 1      | 1      | 142     | 10   | 14    | 1        | -      | 38     | 210   |
|          | 101   | Processing and preserving of meat   | 4      | -             | -      | -      | -       | -    | -     | -        | 1      | 4      | 10    |
|          | 102   | Processing and preserving of fish, crustaceans and molluscs   | -      | 4             | -      | 2      | -       | 2    | -     | -        | -      | 9      | 17    |
|          | 103   | Processing and preserving of fruit and vegetables   | 1      | 4             | 1      | 3      | -       | -    | -     | -        | -      | 6      | 15    |
|          | 104   | Manufacture of vegetable and animal oils and fats   | 5      | 3             | -      | -      | 6       | -    | 6     | -        | -      | 37     | 56    |
|          | 105   | Manufacture of dairy products   | 2      | 1             | 1      | -      | -       | 2    | 1     | 1        | -      | 4      | 12    |
|          | 106   | Manufacture of grain mill products, starches and starch products  | 7      | 29            | 9      | 5      | 2       | 2    | 9     | 4        | 2      | 44     | 113   |
|          | 107   | Manufacture of other food products  | 5      | 18            | 8      | 53     | 11      | 3    | 9     | 6        | 7      | 29     | 148   |
|          | 108   | Manufacture of prepared animal feeds  | 2      | 4             | -      | 1      | -       | -    | -     | 2        | -      | 1      | 10    |
|          | 110   | Manufacture of beverages  | 8      | 15            | 1      | 1      | -       | -    | 7     | 1        | -      | 14     | 48    |
|          | 120   | Manufacture of tobacco products   | -      | 2             | -      | -      | -       | -    | -     | 2        | -      | -      | 4     |
|          | 131   | Spinning, weaving and finishing of textiles   | 1      | 3             | -      | -      | -       | 1    | 1     | 1        | -      | 2      | 9     |
|          | 139   | Manufacture of other textiles   | 5      | 9             | -      | -      | -       | -    | -     | 2        | -      | 7      | 23    |
|          | 141   | Manufacture of wearing apparel, except fur apparel  | -      | 5             | 1      | 1      | -       | 1    | 1     | 1        | -      | 2      | 12    |
|          | 143   | Manufacture of knitted and crocheted apparel  | -      | -             | -      | -      | -       | -    | 1     | -        | -      | -      | 1     |
|          | 151   | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 1      | 1             | -      | -      | -       | -    | -     | -        | -      | 4      | 6     |
|          | 152   | Manufacture of footwear   | -      | 10            | -      | -      | -       | -    | -     | -        | -      | 1      | 11    |
|          | 161   | Sawmilling and planing of wood  | 5      | 9             | 4      | -      | -       | -    | -     | 9        | -      | 30     | 57    |
|          | 162   | Manufacture of products of wood, cork, straw and plaiting materials   | 1      | 8             | -      | -      | -       | -    | -     | -        | -      | 2      | 11    |
|          | 170   | Manufacture of paper and paper products   | 2      | 7             | 1      | -      | -       | -    | -     | -        | -      | 2      | 12    |
|          | 181   | Printing and service activities related to printing   | 3      | 29            | -      | 1      | -       | 1    | -     | 2        | 1      | 8      | 45    |
|          | 182   | Reproduction of recorded media  | -      | 3             | -      | -      | -       | -    | -     | -        | -      | -      | 3     |
|          | 192   | Manufacture of refined petroleum products   | -      | 2             | -      | -      | -       | -    | -     | -        | -      | 1      | 3     |
|          | 201   | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | -      | 4             | 1      | -      | -       | -    | -     | -        | -      | 3      | 8     |
|          | 202   | Manufacture of other chemical products  | -      | 18            | -      | 1      | 1       | -    | 5     | -        | -      | 6      | 31    |
|          | 210   | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | -      | 5             | -      | -      | -       | -    | -     | -        | -      | -      | 5     |
|          | 221   | Manufacture of rubber products  | -      | 3             | -      | -      | -       | -    | -     | -        | -      | -      | 3     |
|          | 222   | Manufacture of plastics products  | 4      | 28            | -      | -      | -       | -    | -     | 1        | -      | 6      | 40    |



**Table 37(a) (cont'd): Number of Establishments by Industrial Activity and Region, Tanzania Mainland, CIP-2013 (10+)**

| ISIC         | Rev.4  | Industrial Activity   | Arusha    | Dar es Salaam | Iringa    | Kagera    | Manyara    | Mara      | Mbeya     | Morogoro  | Ruvuma    | Others     | Total        |
|--------------|--|---|-----------|---------------|-----------|-----------|------------|-----------|-----------|-----------|-----------|------------|--------------|
|              | 231  | Manufacture of glass and glass products   | 3         | 3             | -         | -         | -          | -         | -         | -         | -         | -          | 6            |
|              | 239  | Manufacture of non-metallic mineral products n.e.c.   | 8         | 33            | -         | 4         | -          | 1         | 3         | 3         | -         | 30         | 83           |
|              | 241  | Manufacture of basic iron and steel   | 1         | 9             | -         | -         | -          | -         | -         | -         | -         | 2          | 12           |
|              | 242  | Manufacture of basic precious and other non-ferrous metals  | -         | 2             | -         | -         | -          | -         | -         | -         | -         | -          | 2            |
|              | 251  | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 6         | 11            | -         | 1         | -          | -         | -         | 1         | -         | 11         | 31           |
|              | 259  | Manufacture of other fabricated metal products; metalworking service activities                             | 1         | 17            | -         | -         | -          | -         | -         | 1         | -         | 4          | 23           |
|              | 261  | Manufacture of electronic components and boards   | 1         | -             | -         | -         | -          | -         | -         | -         | -         | -          | 1            |
|              | 271  | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | -         | -             | -         | -         | -          | -         | 1         | -         | -         | -          | 1            |
|              | 272  | Manufacture of batteries and accumulators   | -         | 1             | -         | -         | -          | -         | -         | -         | -         | -          | 1            |
|              | 273  | Manufacture of wiring and wiring devices  | -         | 4             | -         | -         | -          | -         | -         | -         | -         | -          | 4            |
|              | 275  | Manufacture of domestic appliances  | 1         | 12            | -         | -         | -          | -         | -         | -         | -         | -          | 13           |
|              | 279  | Manufacture of other electrical equipment   | -         | 1             | -         | -         | -          | -         | -         | -         | -         | -          | 1            |
|              | 282  | Manufacture of special-purpose machinery  | 5         | 2             | 1         | -         | -          | -         | 1         | 3         | -         | 2          | 14           |
|              | 292  | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 2         | 5             | -         | -         | -          | -         | -         | -         | -         | -          | 7            |
|              | 293  | Manufacture of parts and accessories for motor vehicles   | -         | 6             | -         | -         | -          | -         | -         | -         | -         | 1          | 7            |
|              | 301  | Building of ships and boats   | -         | -             | -         | -         | -          | -         | -         | -         | -         | 1          | 1            |
|              | 309  | Manufacture of transport equipment n.e.c.   | -         | 1             | -         | -         | -          | -         | -         | -         | -         | -          | 1            |
|              | 310  | Manufacture of furniture  | 2         | 30            | 1         | -         | 1          | 2         | 3         | -         | 2         | 18         | 60           |
|              | 321  | Manufacture of jewellery, bijouterie and related articles   | -         | 1             | -         | -         | -          | -         | -         | -         | -         | -          | 1            |
|              | 324  | Manufacture of games and toys   | -         | 1             | -         | -         | -          | -         | -         | -         | -         | -          | 1            |
|              | 329  | Other manufacturing n.e.c.  | -         | 10            | -         | -         | -          | -         | -         | -         | -         | 1          | 11           |
|              | 331  | Repair of fabricated metal products, machinery and equipment  | -         | 3             | -         | -         | -          | -         | -         | -         | -         | 1          | 4            |
| <b>C</b>     | <b>Manufacturing</b>   |   | <b>87</b> | <b>376</b>    | <b>29</b> | <b>74</b> | <b>20</b>  | <b>15</b> | <b>48</b> | <b>41</b> | <b>13</b> | <b>295</b> | <b>998</b>   |
|              | 351  | Electric power generation, transmission and distribution  | 1         | 3             | 1         | 1         | 2          | 1         | 2         | 1         | 1         | 14         | 27           |
|              | <b>D</b>   | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>1</b>  | <b>3</b>      | <b>1</b>  | <b>1</b>  | <b>2</b>   | <b>1</b>  | <b>2</b>  | <b>1</b>  | <b>1</b>  | <b>14</b>  | <b>27</b>    |
|              | 360  | Water collection, treatment and supply  | 1         | 3             | 1         | 1         | 3          | 2         | 10        | 4         | 4         | 53         | 84           |
|              | 383  | Materials recovery  | -         | 2             | -         | -         | -          | -         | -         | -         | -         | 1          | 3            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b> |   | <b>1</b>  | <b>6</b>      | <b>1</b>  | <b>1</b>  | <b>3</b>   | <b>2</b>  | <b>10</b> | <b>4</b>  | <b>4</b>  | <b>54</b>  | <b>87</b>    |
| <b>Total</b> |  |   | <b>89</b> | <b>389</b>    | <b>32</b> | <b>77</b> | <b>167</b> | <b>28</b> | <b>73</b> | <b>48</b> | <b>18</b> | <b>400</b> | <b>1,322</b> |



**Table 37(b): Number of Establishments by Industrial Activity and Region, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC     | Rev.4                       | Industrial Activity   | Arusha   | Dar es Salaam | Iringa   | Kagera    | Manyara   | Mara      | Mbeya    | Morogoro | Ruvuma   | Others    | Total      |
|----------|-----------------------------|---|----------|---------------|----------|-----------|-----------|-----------|----------|----------|----------|-----------|------------|
|          | 072                         | Mining of non-ferrous metal ores  | -        | -             | -        | -         | 1         | 5         | 1        | -        | -        | 5         | 12         |
|          | 081                         | Quarrying of stone, sand and clay   | 1        | 1             | 9        | 26        | 1         | 24        | 1        | -        | -        | 38        | 102        |
|          | 089                         | Mining and quarrying n.e.c.   | -        | 1             | -        | -         | 10        | 2         | -        | -        | 1        | 53        | 67         |
| <b>B</b> | <b>Mining and Quarrying</b> |   | <b>1</b> | <b>2</b>      | <b>9</b> | <b>26</b> | <b>13</b> | <b>31</b> | <b>2</b> | <b>-</b> | <b>1</b> | <b>96</b> | <b>182</b> |
|          | 101                         | Processing and preserving of meat   | -        | -             | -        | -         | -         | -         | -        | -        | -        | 8         | 8          |
|          | 102                         | Processing and preserving of fish, crustaceans and molluscs   | -        | -             | -        | -         | -         | 1         | -        | -        | -        | -         | 1          |
|          | 103                         | Processing and preserving of fruit and vegetables   | 2        | 6             | 2        | 1         | -         | 6         | 4        | -        | -        | 63        | 84         |
|          | 104                         | Manufacture of vegetable and animal oils and fats   | 9        | -             | 43       | 1         | 98        | 1         | 102      | 26       | 14       | 477       | 772        |
|          | 105                         | Manufacture of dairy products   | 6        | 4             | -        | 4         | 4         | 7         | 1        | 1        | -        | 7         | 34         |
|          | 106                         | Manufacture of grain mill products, starches and starch products  | 987      | 336           | 1,109    | 448       | 1,223     | 1,557     | 1,197    | 1,397    | 2,044    | 7,837     | 18,134     |
|          | 107                         | Manufacture of other food products  | 13       | 53            | 8        | 22        | 2         | 3         | 7        | 6        | 62       | 49        | 225        |
|          | 108                         | Manufacture of prepared animal feeds  | 4        | 15            | -        | -         | -         | 3         | 11       | 3        | -        | 22        | 59         |
|          | 110                         | Manufacture of beverages  | 1        | -             | 2        | 2         | 1         | 2         | 2        | 1        | -        | 18        | 29         |
|          | 120                         | Manufacture of tobacco products   | -        | -             | 9        | -         | -         | 1         | -        | -        | -        | -         | 10         |
|          | 131                         | Spinning, weaving and finishing of textiles   | -        | 7             | -        | -         | -         | -         | 1        | 1        | -        | -         | 9          |
|          | 139                         | Manufacture of other textiles   | 12       | 352           | 11       | 35        | 6         | 8         | 41       | 22       | 10       | 170       | 667        |
|          | 141                         | Manufacture of wearing apparel, except fur apparel  | 369      | 2,673         | 524      | 964       | 482       | 1,257     | 479      | 581      | 453      | 5,382     | 13,165     |
|          | 143                         | Manufacture of knitted and crocheted apparel  | 1        | 4             | 5        | 40        | 9         | 3         | 7        | 1        | -        | 45        | 115        |
|          | 151                         | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 1        | 5             | -        | 1         | 3         | 2         | -        | 3        | 3        | 4         | 23         |
|          | 152                         | Manufacture of footwear   | 9        | 55            | 7        | -         | 2         | 6         | 8        | 9        | 4        | 35        | 136        |
|          | 161                         | Sawmilling and planing of wood  | 13       | 149           | 50       | 40        | 20        | 40        | 156      | 66       | 24       | 466       | 1,025      |
|          | 162                         | Manufacture of products of wood, cork, straw and plaiting materials   | 6        | 182           | 74       | 5         | 1         | 8         | 64       | 23       | 11       | 303       | 677        |
|          | 170                         | Manufacture of paper and paper products   | -        | 5             | 1        | -         | -         | -         | -        | -        | -        | -         | 6          |
|          | 181                         | Printing and service activities related to printing   | 4        | 91            | 2        | 5         | -         | -         | 2        | -        | 1        | 13        | 118        |
|          | 182                         | Reproduction of recorded media  | -        | 1             | -        | -         | -         | -         | -        | -        | -        | -         | 1          |
|          | 201                         | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 2        | 1             | -        | -         | -         | -         | -        | -        | -        | -         | 3          |
|          | 202                         | Manufacture of other chemical products  | -        | 8             | -        | 2         | -         | 3         | 9        | -        | -        | 22        | 45         |
|          | 210                         | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | -        | 1             | -        | -         | -         | 1         | -        | -        | -        | -         | 2          |
|          | 221                         | Manufacture of rubber products  | -        | -             | 1        | -         | -         | -         | -        | -        | -        | 2         | 3          |
|          | 222                         | Manufacture of plastics products  | -        | 15            | -        | -         | -         | -         | 1        | 3        | -        | -         | 19         |
|          | 231                         | Manufacture of glass and glass products   | -        | 10            | -        | -         | -         | -         | -        | -        | -        | -         | 10         |
|          | 239                         | Manufacture of non-metallic mineral products n.e.c.   | 103      | 470           | 6        | 42        | 7         | 12        | 10       | 26       | 4        | 325       | 1,004      |



**Table 37(b) (cont'd): Number of Establishments by Industrial Activity and Region, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC         | Rev.4  | Industrial Activity   | Arusha       | Dar es Salaam | Iringa       | Kagera       | Manyara      | Mara         | Mbeya        | Morogoro     | Ruvuma       | Others        | Total         |
|--------------|--|---|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|
|              | 241  | Manufacture of basic iron and steel   | -            | 2             | -            | -            | -            | -            | -            | -            | -            | -             | 2             |
|              | 243  | Casting of metals   | -            | -             | -            | -            | -            | -            | -            | -            | 2            | 1             | 3             |
|              | 251  | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 240          | 1,083         | 110          | 151          | 151          | 177          | 204          | 263          | 40           | 1,078         | 3,496         |
|              | 259  | Manufacture of other fabricated metal products; metalworking service activities                             | 3            | 32            | 19           | 5            | 2            | 57           | 16           | 11           | 24           | 85            | 255           |
|              | 267  | Manufacture of optical instruments and photographic equipment   | -            | -             | -            | -            | -            | -            | -            | -            | -            | 1             | 1             |
|              | 271  | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | -            | -             | -            | -            | -            | -            | 1            | -            | -            | -             | 1             |
|              | 275  | Manufacture of domestic appliances  | 3            | 87            | -            | 23           | 8            | 11           | 7            | 19           | 21           | 46            | 226           |
|              | 279  | Manufacture of other electrical equipment   | -            | 5             | 1            | -            | -            | -            | -            | -            | -            | -             | 6             |
|              | 281  | Manufacture of general-purpose machinery  | -            | 1             | -            | -            | -            | -            | -            | -            | 1            | 1             | 3             |
|              | 282  | Manufacture of special-purpose machinery  | 3            | 23            | 9            | -            | -            | 1            | 7            | 3            | 9            | 27            | 81            |
|              | 292  | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | -            | 1             | 1            | -            | 1            | -            | -            | 1            | -            | -             | 4             |
|              | 293  | Manufacture of parts and accessories for motor vehicles   | 1            | 6             | 1            | -            | -            | 3            | -            | 2            | -            | 7             | 20            |
|              | 301  | Building of ships and boats   | -            | -             | -            | 6            | -            | 3            | -            | -            | 1            | 5             | 15            |
|              | 309  | Manufacture of transport equipment n.e.c.   | 1            | 1             | -            | -            | 6            | -            | 2            | -            | 5            | 15            | 30            |
|              | 310  | Manufacture of furniture  | 246          | 1,209         | 452          | 510          | 185          | 315          | 426          | 521          | 721          | 2,178         | 6,763         |
|              | 321  | Manufacture of jewellery, bijouterie and related articles   | 9            | 78            | 2            | 1            | 1            | -            | 1            | 5            | -            | 23            | 120           |
|              | 322  | Manufacture of musical instruments  | -            | 1             | -            | 3            | -            | -            | -            | -            | -            | -             | 4             |
|              | 324  | Manufacture of games and toys   | 1            | 1             | -            | -            | -            | -            | -            | -            | -            | -             | 2             |
|              | 329  | Other manufacturing n.e.c.  | 1            | 13            | -            | -            | -            | -            | 5            | 2            | -            | 15            | 36            |
|              | 331  | Repair of fabricated metal products, machinery and equipment  | -            | 8             | 1            | -            | 3            | -            | -            | -            | -            | 12            | 24            |
| <b>C</b>     | <b>Manufacturing</b>   |   | <b>2,051</b> | <b>6,992</b>  | <b>2,452</b> | <b>2,312</b> | <b>2,217</b> | <b>3,488</b> | <b>2,772</b> | <b>2,995</b> | <b>3,454</b> | <b>18,743</b> | <b>47,476</b> |
|              | 351  | Electric power generation, transmission and distribution  | 1            | -             | 22           | -            | 2            | -            | 16           | 27           | -            | 50            | 117           |
|              | 353  | Steam and air conditioning supply   | -            | 3             | -            | -            | -            | 1            | -            | -            | -            | 3             | 7             |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>                 |   | <b>1</b>     | <b>3</b>      | <b>22</b>    | <b>-</b>     | <b>2</b>     | <b>1</b>     | <b>16</b>    | <b>27</b>    | <b>-</b>     | <b>53</b>     | <b>124</b>    |
|              | 360  | Water collection, treatment and supply  | 3            | 57            | 3            | -            | 1            | -            | -            | 7            | 4            | 61            | 137           |
|              | 383  | Materials recovery  | 1            | -             | -            | -            | -            | -            | -            | -            | -            | 1             | 2             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b> |   | <b>5</b>     | <b>57</b>     | <b>3</b>     | <b>-</b>     | <b>1</b>     | <b>-</b>     | <b>-</b>     | <b>7</b>     | <b>4</b>     | <b>62</b>     | <b>140</b>    |
| <b>Total</b> |  |   | <b>2,057</b> | <b>7,054</b>  | <b>2,486</b> | <b>2,338</b> | <b>2,232</b> | <b>3,521</b> | <b>2,790</b> | <b>3,029</b> | <b>3,459</b> | <b>18,955</b> | <b>47,922</b> |



**Table 38(a): Number of Establishments, Employees, Total Persons Engaged, Wages and Salaries, Total Labour Cost, Gross Output, Intermediate Consumption and Value Added by Region, Tanzania Mainland, CIP-2013 (10+)**

| Region        | (Number)       |                |                       | (TZS 000)            |                       |                          |                      |
|---------------|----------------|----------------|-----------------------|----------------------|-----------------------|--------------------------|----------------------|
|               | Establishments | Employees      | Total Persons Engaged | Total Labour Costs   | Gross Output          | Intermediate Consumption | Value Added          |
| Dodoma        | 30             | 1,218          | 1,272                 | 8,846,124            | 64,960,645            | 43,561,209               | 21,399,436           |
| Arusha        | 89             | 12,230         | 12,630                | 84,577,962           | 911,075,890           | 557,029,620              | 354,046,270          |
| Kilimanjaro   | 66             | 6,169          | 6,292                 | 100,268,423          | 479,843,303           | 241,158,581              | 238,684,721          |
| Tanga         | 48             | 10,405         | 10,436                | 52,080,956           | 637,144,414           | 372,362,063              | 264,782,351          |
| Morogoro      | 48             | 15,683         | 15,722                | 103,391,682          | 1,506,374,698         | 497,482,904              | 1,008,891,795        |
| Pwani         | 24             | 1,902          | 1,948                 | 15,775,376           | 111,251,468           | 88,476,429               | 22,775,039           |
| Dar es Salaam | 389            | 38,313         | 38,622                | 375,066,217          | 6,316,611,028         | 4,145,801,473            | 2,170,809,555        |
| Lindi         | 12             | 521            | 535                   | 2,126,021            | 19,877,412            | 16,860,817               | 3,016,595            |
| Mtwara        | 12             | 1,037          | 1,164                 | 5,665,466            | 76,850,029            | 32,519,121               | 44,330,908           |
| Ruvuma        | 18             | 502            | 537                   | 4,963,105            | 42,099,901            | 34,643,543               | 7,456,359            |
| Iringa        | 32             | 5,503          | 5,541                 | 26,297,171           | 224,459,607           | 125,765,112              | 98,694,495           |
| Mbeya         | 73             | 4,056          | 4,383                 | 62,278,829           | 582,588,034           | 290,964,330              | 291,623,705          |
| Singida       | 49             | 1,203          | 1,286                 | 3,876,211            | 35,914,992            | 16,979,220               | 18,935,773           |
| Tabora        | 14             | 907            | 927                   | 16,273,184           | 272,847,263           | 196,239,819              | 76,607,444           |
| Rukwa         | 10             | 330            | 343                   | 1,659,641            | 67,247,780            | 13,066,213               | 54,181,567           |
| Kigoma        | 13             | 874            | 892                   | 3,380,743            | 36,814,194            | 9,015,396                | 27,798,799           |
| Shinyanga     | 40             | 6,324          | 6,384                 | 252,326,543          | 1,439,757,040         | 562,168,150              | 877,588,890          |
| Kagera        | 77             | 8,579          | 9,033                 | 19,155,242           | 170,673,765           | 91,283,072               | 79,390,692           |
| Mwanza        | 57             | 6,191          | 6,318                 | 48,241,035           | 710,390,360           | 440,572,575              | 269,817,785          |
| Mara          | 28             | 3,579          | 3,647                 | 42,796,199           | 1,283,937,341         | 277,402,690              | 1,006,534,650        |
| Manyara       | 167            | 6,837          | 7,025                 | 21,793,739           | 130,114,051           | 65,188,247               | 64,925,804           |
| Njombe        | 9              | 2,048          | 2,064                 | 3,544,343            | 56,937,894            | 36,230,688               | 20,707,206           |
| Katavi        | 1              | 39             | 39                    | 73,506               | 346,279               | 120,775                  | 225,503              |
| Simiyu        | 12             | 182            | 207                   | 544,432              | 6,802,762             | 5,277,749                | 1,525,014            |
| Geita         | 4              | 1,637          | 1,639                 | 52,619,558           | 997,287,017           | 164,357,854              | 832,929,163          |
| <b>Total</b>  | <b>1,322</b>   | <b>136,267</b> | <b>138,887</b>        | <b>1,307,621,707</b> | <b>16,182,207,169</b> | <b>8,324,527,649</b>     | <b>7,857,679,519</b> |



**Table 38(b): Number of Establishments, Employees, Total Persons Engaged, Wages and Salaries, Total Labour Cost, Gross Output, Intermediate Consumption and Value Added by Region, Tanzania Mainland, CIP-2013 (1-9)**

| Region        | (Number)       |               |                       | (TZS 000)          |                    |                          |                    |
|---------------|----------------|---------------|-----------------------|--------------------|--------------------|--------------------------|--------------------|
|               | Establishments | Employees     | Total Persons Engaged | Total Labour Costs | Gross Output       | Intermediate Consumption | Value Added        |
| Dodoma        | 1,820          | 2,642         | 4,481                 | 4,838,634          | 32,832,507         | 16,543,661               | 16,288,846         |
| Arusha        | 2,057          | 3,283         | 5,071                 | 5,397,458          | 36,603,538         | 17,561,152               | 19,042,386         |
| Kilimanjaro   | 1,691          | 2,262         | 4,036                 | 3,729,921          | 15,728,114         | 5,529,980                | 10,198,134         |
| Tanga         | 1,668          | 2,233         | 4,182                 | 3,768,139          | 25,771,677         | 13,715,541               | 12,056,136         |
| Morogoro      | 3,029          | 4,270         | 8,279                 | 7,023,819          | 44,962,340         | 15,666,702               | 29,295,638         |
| Pwani         | 1,450          | 1,997         | 3,926                 | 3,435,203          | 17,933,466         | 7,798,627                | 10,134,839         |
| Dar es Salaam | 7,054          | 13,760        | 22,132                | 38,324,866         | 172,995,823        | 74,853,345               | 98,142,478         |
| Lindi         | 856            | 1,238         | 2,616                 | 1,973,778          | 6,418,529          | 1,562,290                | 4,856,239          |
| Mtwara        | 993            | 966           | 2,529                 | 746,092            | 4,928,243          | 2,413,348                | 2,514,894          |
| Ruvuma        | 3,459          | 2,501         | 7,483                 | 3,128,060          | 20,379,557         | 6,580,824                | 13,798,733         |
| Iringa        | 2,486          | 2,655         | 5,267                 | 3,590,603          | 18,426,268         | 8,495,606                | 9,930,661          |
| Mbeya         | 2,790          | 3,390         | 6,565                 | 4,627,806          | 33,680,294         | 16,886,065               | 16,794,229         |
| Singida       | 1,608          | 2,945         | 4,752                 | 5,368,991          | 23,127,909         | 8,476,109                | 14,651,800         |
| Tabora        | 949            | 1,213         | 2,192                 | 1,871,861          | 8,583,450          | 2,827,229                | 5,756,221          |
| Rukwa         | 932            | 631           | 2,045                 | 859,981            | 7,294,233          | 3,259,821                | 4,034,411          |
| Kigoma        | 944            | 700           | 2,141                 | 686,029            | 5,380,578          | 2,671,195                | 2,709,382          |
| Shinyanga     | 1,161          | 2,259         | 3,868                 | 3,869,087          | 29,872,670         | 10,673,408               | 19,199,262         |
| Kagera        | 2,338          | 2,154         | 5,435                 | 4,897,955          | 13,932,594         | 5,476,181                | 8,456,413          |
| Mwanza        | 1,354          | 2,530         | 4,124                 | 3,729,957          | 24,079,011         | 9,286,436                | 14,792,575         |
| Mara          | 3,521          | 3,535         | 10,771                | 5,288,715          | 30,782,905         | 8,240,354                | 22,542,551         |
| Manyara       | 2,232          | 2,285         | 4,996                 | 3,022,304          | 23,349,764         | 11,316,939               | 12,032,825         |
| Njombe        | 1,667          | 846           | 3,573                 | 1,037,929          | 7,384,659          | 3,488,149                | 3,896,510          |
| Katavi        | 220            | 312           | 488                   | 359,052            | 3,655,485          | 1,344,503                | 2,310,982          |
| Simiyu        | 750            | 924           | 2,065                 | 1,300,517          | 9,191,997          | 3,886,239                | 5,305,758          |
| Geita         | 891            | 1,126         | 2,316                 | 823,669            | 11,442,874         | 7,304,062                | 4,138,813          |
| <b>Total</b>  | <b>47,922</b>  | <b>62,657</b> | <b>125,336</b>        | <b>113,700,428</b> | <b>628,738,484</b> | <b>265,857,768</b>       | <b>362,880,716</b> |



**Table 39(a): Number of Persons Engaged in Industry by Ownership, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev.4   | Industrial Activity   | Public        |            |                             | Private        |              |                             |
|--------------|---|---------------|------------|-----------------------------|----------------|--------------|-----------------------------|
|              |   | Employee<br>s | Other      | Total<br>Persons<br>Engaged | Employee<br>s  | Other        | Total<br>Persons<br>Engaged |
| 05           | Mining of coal and lignite  | -             | -          | -                           | 77             | -            | 77                          |
| 07           | Mining of metal ores  | 360           | -          | 360                         | 9,363          | 46           | 9,408                       |
| 08           | Other mining and quarrying  | 96            | 126        | 222                         | 8,631          | 219          | 8,849                       |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>457</b>    | <b>126</b> | <b>583</b>                  | <b>18,070</b>  | <b>264</b>   | <b>18,335</b>               |
| 10           | Manufacture of food products  | 849           | 220        | 1,069                       | 38,013         | 949          | 38,962                      |
| 11           | Manufacture of beverages  | -             | -          | -                           | 6,808          | 50           | 6,859                       |
| 12           | Manufacture of tobacco products   | -             | -          | -                           | 5,061          | -            | 5,061                       |
| 13           | Manufacture of textiles   | 697           | -          | 697                         | 15,268         | 102          | 15,369                      |
| 14           | Manufacture of wearing apparel  | -             | -          | -                           | 1,718          | 25           | 1,743                       |
| 15           | Manufacture of leather and related products   | 52            | 80         | 132                         | 1,077          | 7            | 1,083                       |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 13            | -          | 13                          | 3,657          | 99           | 3,756                       |
| 17           | Manufacture of paper and paper products   | -             | -          | -                           | 2,221          | 7            | 2,228                       |
| 18           | Printing and reproduction of recorded media   | 284           | -          | 284                         | 2,511          | 55           | 2,566                       |
| 19           | Manufacture of coke and refined petroleum products  | -             | -          | -                           | 241            | 2            | 243                         |
| 20           | Manufacture of chemicals and chemical products  | -             | 65         | 65                          | 6,237          | 78           | 6,315                       |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -             | -          | -                           | 774            | 4            | 778                         |
| 22           | Manufacture of rubber and plastics products   | -             | -          | -                           | 4,219          | 24           | 4,243                       |
| 23           | Manufacture of other non-metallic mineral products  | 76            | -          | 76                          | 4,319          | 153          | 4,472                       |
| 24           | Manufacture of basic metals   | -             | -          | -                           | 2,148          | 26           | 2,174                       |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 10            | 5          | 14                          | 2,096          | 78           | 2,175                       |
| 26           | Manufacture of computer, electronic and optical products  | -             | -          | -                           | 108            | 7            | 115                         |
| 27           | Manufacture of electrical equipment   | -             | -          | -                           | 945            | 4            | 949                         |
| 28           | Manufacture of machinery and equipment n.e.c.   | 231           | 9          | 240                         | 111            | 7            | 118                         |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 713           | -          | 713                         | 555            | 4            | 559                         |
| 30           | Manufacture of other transport equipment  | -             | -          | -                           | 197            | 2            | 199                         |
| 31           | Manufacture of furniture  | -             | -          | -                           | 2,834          | 143          | 2,977                       |
| 32           | Other manufacturing   | -             | -          | -                           | 1,155          | 11           | 1,166                       |
| 33           | Repair and installation of machinery and equipment  | -             | -          | -                           | 317            | -            | 317                         |
| <b>C</b>     | <b>Manufacturing</b>  | <b>2,925</b>  | <b>379</b> | <b>3,304</b>                | <b>102,592</b> | <b>1,836</b> | <b>104,428</b>              |
| 35           | Electricity, gas, steam and air conditioning supply   | 7,658         | -          | 7,658                       | 257            | -            | 257                         |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>7,658</b>  | <b>-</b>   | <b>7,658</b>                | <b>257</b>     | <b>-</b>     | <b>257</b>                  |
| 36           | Water collection, treatment and supply  | 3,682         | 7          | 3,689                       | 400            | 6            | 405                         |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -             | -          | -                           | 226            | 2            | 228                         |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>3,682</b>  | <b>7</b>   | <b>3,689</b>                | <b>625</b>     | <b>8</b>     | <b>633</b>                  |
| <b>Total</b> |   | <b>14,723</b> | <b>511</b> | <b>15,234</b>               | <b>121,545</b> | <b>2,109</b> | <b>123,653</b>              |



**Table 39(b): Number of Persons Engaged in Industry by Ownership, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC Rev.4   | Industrial Activity  | Public     |            |                       | Private       |               |                       |
|--------------|--|------------|------------|-----------------------|---------------|---------------|-----------------------|
|              |  | Employees  | Others     | Total Persons Engaged | Employees     | Others        | Total Persons Engaged |
|              | 07 Mining of metal ores  | -          | -          | -                     | 56            | 18            | 74                    |
|              | 08 Other mining and quarrying  | 4          | 9          | 13                    | 571           | 331           | 902                   |
| <b>B</b>     | <b>Mining and quarrying</b>  | <b>4</b>   | <b>9</b>   | <b>13</b>             | <b>627</b>    | <b>349</b>    | <b>976</b>            |
|              | 10 Manufacture of food products  | 26         | 4          | 30                    | 24,976        | 20,293        | 45,269                |
|              | 11 Manufacture of beverages  | -          | -          | -                     | 111           | 34            | 145                   |
|              | 12 Manufacture of tobacco products   | -          | -          | -                     | 43            | 6             | 49                    |
|              | 13 Manufacture of textiles   | -          | 9          | 9                     | 684           | 955           | 1,639                 |
|              | 14 Manufacture of wearing apparel  | 2          | -          | 2                     | 8,733         | 20,060        | 28,793                |
|              | 15 Manufacture of leather and related products   | -          | -          | -                     | 281           | 229           | 510                   |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 4          | -          | 4                     | 3,534         | 2,110         | 5,645                 |
|              | 17 Manufacture of paper and paper products   | -          | -          | -                     | 21            | 4             | 25                    |
|              | 18 Printing and reproduction of recorded media   | 18         | 1          | 19                    | 336           | 134           | 471                   |
|              | 20 Manufacture of chemicals and chemical products  | -          | -          | -                     | 192           | 74            | 265                   |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -          | -          | -                     | 6             | 6             | 12                    |
|              | 22 Manufacture of rubber and plastics products   | -          | -          | -                     | 66            | 32            | 99                    |
|              | 23 Manufacture of other non-metallic mineral products  | 7          | -          | 7                     | 3,690         | 1,139         | 4,829                 |
|              | 24 Manufacture of basic metals   | -          | -          | -                     | 16            | 4             | 20                    |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 25         | -          | 25                    | 7,251         | 5,424         | 12,675                |
|              | 26 Manufacture of computer, electronic and optical products  | -          | -          | -                     | 8             | 1             | 9                     |
|              | 27 Manufacture of electrical equipment   | -          | -          | -                     | 415           | 376           | 791                   |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 13         | -          | 13                    | 239           | 116           | 354                   |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 16         | -          | 16                    | 76            | 28            | 103                   |
|              | 30 Manufacture of other transport equipment  | -          | 9          | 9                     | 62            | 60            | 122                   |
|              | 31 Manufacture of furniture  | 103        | 8          | 110                   | 9,999         | 10,653        | 20,652                |
|              | 32 Other manufacturing   | -          | -          | -                     | 353           | 190           | 543                   |
|              | 33 Repair and installation of machinery and equipment  | -          | -          | -                     | 65            | 35            | 101                   |
| <b>C</b>     | <b>Manufacturing</b>   | <b>214</b> | <b>31</b>  | <b>245</b>            | <b>61,157</b> | <b>61,963</b> | <b>123,121</b>        |
|              | 35 Electricity, gas, steam and air conditioning supply   | 3          | -          | 3                     | 202           | 129           | 332                   |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>3</b>   | <b>-</b>   | <b>3</b>              | <b>202</b>    | <b>129</b>    | <b>332</b>            |
|              | 36 Water collection, treatment and supply  | 200        | 68         | 268                   | 237           | 127           | 364                   |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | -          | -          | -                     | 12            | 3             | 14                    |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>200</b> | <b>68</b>  | <b>268</b>            | <b>249</b>    | <b>129</b>    | <b>378</b>            |
| <b>Total</b> |  | <b>421</b> | <b>108</b> | <b>529</b>            | <b>62,236</b> | <b>62,571</b> | <b>124,807</b>        |



**Table 40(a): Total Labour Costs in Industry by Ownership, Tanzania Mainland, CIP-2013 (10+)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity  | Public             |                   |                   |                    | Private            |                   |                    |                      |
|--------------|--|--------------------|-------------------|-------------------|--------------------|--------------------|-------------------|--------------------|----------------------|
|              |  | Wages and Salaries | Pension Funds     | Payment in Kind   | Total Labour Costs | Wages and Salaries | Pension Funds     | Payment in Kind    | Total Labour Costs   |
| 05           | Mining of coal and lignite   | -                  | -                 | -                 | -                  | 296,655            | 29,666            | 48,026             | 374,347              |
| 07           | Mining of metal ores   | 1,828,664          | 2,157,689         | 1,703,625         | 14,635,056         | 68,556,623         | 43,913,539        | 41,820,533         | 325,748,700          |
| 08           | Other mining and quarrying   | 734,545            | 131,098           | 259,025           | 1,412,869          | 30,955,118         | 2,478,465         | 2,220,573          | 38,000,348           |
| <b>B</b>     | <b>Mining and quarrying</b>  | <b>2,563,209</b>   | <b>2,288,788</b>  | <b>1,962,650</b>  | <b>16,047,925</b>  | <b>99,808,396</b>  | <b>46,421,670</b> | <b>44,089,131</b>  | <b>364,123,395</b>   |
| 10           | Manufacture of food products   | 2,164,263          | 175,955           | 202,382           | 2,778,147          | 138,070,113        | 12,239,165        | 7,293,699          | 176,166,735          |
| 11           | Manufacture of beverages   | -                  | -                 | -                 | -                  | 100,996,735        | 7,607,928         | 7,094,142          | 170,350,315          |
| 12           | Manufacture of tobacco products  | -                  | -                 | -                 | -                  | 45,010,540         | 3,673,232         | 9,707,716          | 65,358,751           |
| 13           | Manufacture of textiles  | 506,771            | 37,728            | -                 | 735,990            | 32,030,761         | 2,148,257         | 25,451,844         | 62,761,325           |
| 14           | Manufacture of wearing apparel   | -                  | -                 | -                 | -                  | 4,170,675          | 598,579           | 933,089            | 6,542,181            |
| 15           | Manufacture of leather and related products  | 175,594            | 1,054             | 5,003             | 186,653            | 2,148,801          | 138,115           | 101,939            | 2,486,705            |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw | 16,979             | -                 | -                 | 16,979             | 8,310,302          | 665,238           | 569,600            | 9,953,921            |
| 17           | Manufacture of paper and paper products  | -                  | -                 | -                 | -                  | 8,017,865          | 510,195           | 532,946            | 11,012,218           |
| 18           | Printing and reproduction of recorded media  | 3,534,754          | 529,819           | 865,168           | 5,182,279          | 11,730,453         | 1,318,866         | 1,020,041          | 15,537,904           |
| 19           | Manufacture of coke and refined petroleum products   | -                  | -                 | -                 | -                  | 1,090,511          | 101,435           | 176,812            | 1,459,001            |
| 20           | Manufacture of chemicals and chemical products   | -                  | -                 | 534               | 534                | 28,706,573         | 2,730,931         | 1,881,485          | 35,209,194           |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations                             | -                  | -                 | -                 | -                  | 3,829,346          | 283,745           | 806,616            | 5,504,822            |
| 22           | Manufacture of rubber and plastics products  | -                  | -                 | -                 | -                  | 16,702,398         | 814,055           | 1,280,023          | 20,674,619           |
| 23           | Manufacture of other non-metallic mineral products   | 226,602            | 5,446             | 20,228            | 329,699            | 37,055,650         | 4,144,252         | 7,817,596          | 58,166,084           |
| 24           | Manufacture of basic metals  | -                  | -                 | -                 | -                  | 4,558,181          | 442,221           | 378,590            | 6,178,621            |
| 25           | Manufacture of fabricated metal products, except machinery and equipment                                 | 13,531             | -                 | 10,422            | 29,903             | 6,254,296          | 481,224           | 674,101            | 8,039,902            |
| 26           | Manufacture of computer, electronic and optical products   | -                  | -                 | -                 | -                  | 2,862,337          | -                 | 192,103            | 3,526,037            |
| 27           | Manufacture of electrical equipment  | -                  | -                 | -                 | -                  | 3,300,187          | 388,164           | 679,931            | 5,103,995            |
| 28           | Manufacture of machinery and equipment n.e.c.  | 1,927,764          | 337,446           | 273,125           | 2,873,222          | 349,495            | 16,617            | 20,407             | 415,122              |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers  | 4,032,858          | -                 | 36,366            | 4,080,105          | 1,337,796          | 174,367           | 71,151             | 2,056,254            |
| 30           | Manufacture of other transport equipment   | -                  | -                 | -                 | -                  | 1,512,670          | 125,031           | 867,334            | 2,618,897            |
| 31           | Manufacture of furniture   | -                  | -                 | -                 | -                  | 12,268,970         | 1,125,638         | 1,344,325          | 17,167,238           |
| 32           | Other manufacturing  | -                  | -                 | -                 | -                  | 2,774,983          | 178,660           | 166,536            | 4,046,864            |
| 33           | Repair and installation of machinery and equipment   | -                  | -                 | -                 | -                  | 1,765,221          | 420,905           | 353,261            | 2,644,416            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>12,599,117</b>  | <b>1,087,449</b>  | <b>1,413,228</b>  | <b>16,213,511</b>  | <b>474,854,860</b> | <b>40,326,820</b> | <b>69,415,286</b>  | <b>692,981,120</b>   |
| 35           | Electricity, gas, steam and air conditioning supply  | 146,587,308        | 17,303,106        | 12,097,114        | 181,602,717        | 3,713,284          | 504,029           | 279,852            | 4,770,948            |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>146,587,308</b> | <b>17,303,106</b> | <b>12,097,114</b> | <b>181,602,717</b> | <b>3,713,284</b>   | <b>504,029</b>    | <b>279,852</b>     | <b>4,770,948</b>     |
| 36           | Water collection, treatment and supply   | 19,052,571         | 2,188,114         | 3,213,466         | 28,099,459         | 1,953,284          | 212,207           | 712,834            | 3,255,500            |
| 38           | Waste collection, treatment and disposal activities; materials recovery                                  | -                  | -                 | -                 | -                  | 425,729            | 10,796            | 11,651             | 527,132              |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                               | <b>19,052,571</b>  | <b>2,188,114</b>  | <b>3,213,466</b>  | <b>28,099,459</b>  | <b>2,379,012</b>   | <b>223,003</b>    | <b>724,485</b>     | <b>3,782,632</b>     |
| <b>Total</b> |  | <b>180,802,204</b> | <b>22,867,456</b> | <b>18,686,457</b> | <b>241,963,612</b> | <b>580,755,553</b> | <b>87,475,521</b> | <b>114,508,754</b> | <b>1,065,658,095</b> |



**Table 40(b): Total Labour Costs in Industry by Ownership, Tanzania Mainland, CIP-2013 (1-9)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity  | Public             |               |                 |                    | Private            |                |                   |                    |
|--------------|--|--------------------|---------------|-----------------|--------------------|--------------------|----------------|-------------------|--------------------|
|              |  | Wages and Salaries | Pension Funds | Payment in Kind | Total Labour Costs | Wages and Salaries | Pension Funds  | Payment in Kind   | Total Labour Costs |
|              | 07 Mining of metal ores  | -                  | -             | -               | -                  | 84,112             | -              | 43,504            | 132,865            |
|              | 08 Other mining and quarrying  | 7,806              | -             | -               | 10,208             | 691,308            | 2,543          | 358,759           | 1,059,981          |
| <b>B</b>     | <b>Mining and quarrying</b>  | <b>7,806</b>       | -             | -               | <b>10,208</b>      | <b>775,421</b>     | <b>2,543</b>   | <b>402,263</b>    | <b>1,192,845</b>   |
|              | 10 Manufacture of food products  | 43,056             | 2,600         | 1,906           | 50,300             | 24,747,054         | 149,125        | 9,546,669         | 34,825,553         |
|              | 11 Manufacture of beverages  | -                  | -             | -               | -                  | 139,800            | 2,622          | 66,374            | 208,796            |
|              | 12 Manufacture of tobacco products   | -                  | -             | -               | -                  | 40,311             | -              | 1,153             | 41,463             |
|              | 13 Manufacture of textiles   | -                  | -             | 3,202           | 3,202              | 1,220,550          | -              | 599,787           | 1,824,592          |
|              | 14 Manufacture of wearing apparel  | 1,441              | 144           | -               | 1,671              | 12,267,914         | 3,981          | 8,776,452         | 21,122,868         |
|              | 15 Manufacture of leather and related products   | -                  | -             | -               | -                  | 527,977            | 6,354          | 107,992           | 644,687            |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 7,203              | -             | -               | 7,203              | 4,944,364          | 15,764         | 1,329,543         | 6,337,658          |
|              | 17 Manufacture of paper and paper products   | -                  | -             | -               | -                  | 22,424             | -              | 3,010             | 26,176             |
|              | 18 Printing and reproduction of recorded media   | 22,564             | 1,612         | 5,007           | 29,183             | 801,859            | 23,901         | 147,864           | 983,457            |
|              | 20 Manufacture of chemicals and chemical products  | -                  | -             | -               | -                  | 220,695            | 977            | 84,285            | 306,709            |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -                  | -             | -               | -                  | 1,451              | -              | 3,502             | 5,053              |
|              | 22 Manufacture of rubber and plastics products   | -                  | -             | -               | -                  | 131,526            | 12,867         | 11,940            | 157,626            |
|              | 23 Manufacture of other non-metallic mineral products  | 1,308              | -             | -               | 1,308              | 7,060,665          | 10,535         | 452,109           | 7,555,114          |
|              | 24 Manufacture of basic metals   | -                  | -             | -               | -                  | 32,000             | -              | 5,379             | 37,559             |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 62,613             | 6,260         | -               | 68,873             | 10,955,854         | 14,228         | 2,787,683         | 13,812,681         |
|              | 26 Manufacture of computer, electronic and optical products  | -                  | -             | -               | -                  | 24,868             | 2,084          | -                 | 27,617             |
|              | 27 Manufacture of electrical equipment   | -                  | -             | -               | -                  | 723,620            | -              | 165,785           | 906,121            |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 74,609             | 1,309         | 8,606           | 95,088             | 431,432            | 4,938          | 94,010            | 534,868            |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 54,100             | 44,764        | 1,087           | 99,951             | 158,476            | 1,833          | 12,948            | 173,417            |
|              | 30 Manufacture of other transport equipment  | -                  | -             | 5,103           | 5,103              | 72,537             | 726            | 32,527            | 106,428            |
|              | 31 Manufacture of furniture  | 35,145             | -             | 10,847          | 64,086             | 15,679,715         | 66,678         | 4,736,118         | 20,563,754         |
|              | 32 Other manufacturing   | -                  | -             | -               | -                  | 662,720            | 32,206         | 145,467           | 845,768            |
|              | 33 Repair and installation of machinery and equipment  | -                  | -             | -               | -                  | 137,985            | 540            | 22,817            | 161,342            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>302,038</b>     | <b>56,689</b> | <b>35,758</b>   | <b>425,969</b>     | <b>81,005,797</b>  | <b>349,361</b> | <b>29,133,413</b> | <b>111,209,308</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 5,908              | 591           | 219             | 7,073              | 191,866            | 1,509          | 56,076            | 250,715            |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>5,908</b>       | <b>591</b>    | <b>219</b>      | <b>7,073</b>       | <b>191,866</b>     | <b>1,509</b>   | <b>56,076</b>     | <b>250,715</b>     |
|              | 36 Water collection, treatment and supply  | 181,145            | 1,833         | 9,112           | 200,667            | 257,215            | 5,067          | 108,203           | 382,096            |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | -                  | -             | -               | -                  | 19,047             | -              | -                 | 21,548             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>181,145</b>     | <b>1,833</b>  | <b>9,112</b>    | <b>200,667</b>     | <b>276,262</b>     | <b>5,067</b>   | <b>108,203</b>    | <b>403,644</b>     |
| <b>Total</b> |  | <b>496,898</b>     | <b>59,113</b> | <b>45,089</b>   | <b>643,916</b>     | <b>82,249,347</b>  | <b>358,480</b> | <b>29,699,955</b> | <b>113,056,512</b> |



**Table 41(a): Number of Establishments, Gross Output, Production Cost and Value Added in Industry by Ownership, Tanzania Mainland, CIP-2013 (10+)**

|              |   | Public                   |                         |                             |                        | Private                  |                         |                             |                        | (TZS 000) |
|--------------|---|--------------------------|-------------------------|-----------------------------|------------------------|--------------------------|-------------------------|-----------------------------|------------------------|-----------|
| ISIC Rev.4   | Industrial Activity   | 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) |           |
|              | 05 Mining of coal and lignite   | -                        | -                       | -                           | -                      | 1                        | 2,090,793               | 1,697,844                   | 392,949                |           |
|              | 07 Mining of metal ores   | 1                        | 132,636,926             | 33,901,506                  | 98,735,420             | 31                       | 3,614,739,351           | 917,200,108                 | 2,697,539,244          |           |
|              | 08 Other mining and quarrying   | 3                        | 2,663,829               | 952,092                     | 1,711,737              | 173                      | 230,357,354             | 113,220,877                 | 117,136,476            |           |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>4</b>                 | <b>135,300,754</b>      | <b>34,853,598</b>           | <b>100,447,157</b>     | <b>205</b>               | <b>3,847,187,498</b>    | <b>1,032,118,829</b>        | <b>2,815,068,669</b>   |           |
|              | 10 Manufacture of food products   | 29                       | 26,504,644              | 20,312,720                  | 6,191,925              | 353                      | 3,926,570,650           | 2,172,542,008               | 1,754,028,643          |           |
|              | 11 Manufacture of beverages   | -                        | -                       | -                           | -                      | 48                       | 1,743,088,863           | 723,829,155                 | 1,019,259,708          |           |
|              | 12 Manufacture of tobacco products  | -                        | -                       | -                           | -                      | 4                        | 655,602,895             | 245,735,808                 | 409,867,087            |           |
|              | 13 Manufacture of textiles  | 2                        | 21,091,225              | 20,154,367                  | 936,858                | 30                       | 383,498,692             | 220,702,689                 | 162,796,003            |           |
|              | 14 Manufacture of wearing apparel   | -                        | -                       | -                           | -                      | 13                       | 24,619,377              | 14,569,865                  | 10,049,512             |           |
|              | 15 Manufacture of leather and related products  | 1                        | 276,438                 | 80,452                      | 195,986                | 16                       | 54,765,672              | 40,996,188                  | 13,769,485             |           |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw | 1                        | 188,539                 | 154,721                     | 33,819                 | 67                       | 124,232,716             | 56,359,174                  | 67,873,542             |           |
|              | 17 Manufacture of paper and paper products  | -                        | -                       | -                           | -                      | 12                       | 96,702,739              | 80,383,662                  | 16,319,077             |           |
|              | 18 Printing and reproduction of recorded media  | 2                        | 13,139,680              | 4,659,272                   | 8,480,409              | 46                       | 164,392,664             | 103,398,151                 | 60,994,513             |           |
|              | 19 Manufacture of coke and refined petroleum products   | -                        | -                       | -                           | -                      | 3                        | 70,051,898              | 54,992,134                  | 15,059,764             |           |
|              | 20 Manufacture of chemicals and chemical products   | 1                        | 177,115                 | 81,472                      | 95,643                 | 38                       | 553,933,701             | 382,170,635                 | 171,763,066            |           |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations                             | -                        | -                       | -                           | -                      | 5                        | 60,170,009              | 40,589,748                  | 19,580,261             |           |
|              | 22 Manufacture of rubber and plastics products  | -                        | -                       | -                           | -                      | 43                       | 631,541,522             | 445,498,389                 | 186,043,133            |           |
|              | 23 Manufacture of other non-metallic mineral products   | 2                        | 2,055,086               | 530,788                     | 1,524,297              | 86                       | 757,172,419             | 451,711,344                 | 305,461,074            |           |
|              | 24 Manufacture of basic metals  | -                        | -                       | -                           | -                      | 14                       | 170,807,241             | 138,217,807                 | 32,589,433             |           |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment                                 | 1                        | 69,604                  | 38,206                      | 31,398                 | 52                       | 115,847,100             | 79,674,997                  | 36,172,103             |           |
|              | 26 Manufacture of computer, electronic and optical products   | -                        | -                       | -                           | -                      | 1                        | 36,455,945              | 5,488,488                   | 30,967,457             |           |
|              | 27 Manufacture of electrical equipment  | -                        | -                       | -                           | -                      | 20                       | 102,967,334             | 80,651,891                  | 22,315,443             |           |
|              | 28 Manufacture of machinery and equipment n.e.c.  | 8                        | 4,725,014               | 1,363,115                   | 3,361,900              | 7                        | 5,667,845               | 4,781,886                   | 885,959                |           |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers  | 1                        | 5,087,094               | 802,984                     | 4,284,110              | 13                       | 33,769,102              | 21,831,064                  | 11,938,038             |           |
|              | 30 Manufacture of other transport equipment   | -                        | -                       | -                           | -                      | 2                        | 60,480,031              | 46,596,646                  | 13,883,385             |           |
|              | 31 Manufacture of furniture   | -                        | -                       | -                           | -                      | 60                       | 369,045,542             | 261,629,462                 | 107,416,080            |           |
|              | 32 Other manufacturing  | -                        | -                       | -                           | -                      | 13                       | 70,300,894              | 43,617,971                  | 26,682,923             |           |
|              | 33 Repair and installation of machinery and equipment   | -                        | -                       | -                           | -                      | 4                        | 34,945,531              | 3,081,348                   | 31,864,183             |           |
| <b>C</b>     | <b>Manufacturing</b>  | <b>48</b>                | <b>73,314,441</b>       | <b>48,178,097</b>           | <b>25,136,344</b>      | <b>950</b>               | <b>10,246,630,382</b>   | <b>5,719,050,512</b>        | <b>4,527,579,870</b>   |           |
|              | 35 Electricity, gas, steam and air conditioning supply  | 23                       | 1,572,979,522           | 1,376,813,991               | 196,165,530            | 4                        | 179,313,046             | 64,568,597                  | 114,744,449            |           |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>23</b>                | <b>1,572,979,522</b>    | <b>1,376,813,991</b>        | <b>196,165,530</b>     | <b>4</b>                 | <b>179,313,046</b>      | <b>64,568,597</b>           | <b>114,744,449</b>     |           |
|              | 36 Water collection, treatment and supply   | 75                       | 106,433,267             | 36,029,331                  | 70,403,936             | 9                        | 14,794,210              | 9,354,350                   | 5,439,861              |           |
|              | 38 Waste collection, treatment and disposal activities  | -                        | -                       | -                           | -                      | 3                        | 6,254,049               | 3,560,345                   | 2,693,703              |           |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>75</b>                | <b>106,433,267</b>      | <b>36,029,331</b>           | <b>70,403,936</b>      | <b>12</b>                | <b>21,048,259</b>       | <b>12,914,695</b>           | <b>8,133,564</b>       |           |
| <b>Total</b> |   | <b>151</b>               | <b>1,888,027,984</b>    | <b>1,495,875,016</b>        | <b>392,152,967</b>     | <b>1,171</b>             | <b>14,294,179,185</b>   | <b>6,828,652,633</b>        | <b>7,465,526,552</b>   |           |



**Table 41(b): Number of Establishments, Gross Output, Production Cost and Value Added in Industry by Ownership, Tanzania Mainland, CIP-2013 (1-9)**

(TZS 000)

| ISIC Rev.4   | Industrial Activity  | Public                   |                         |                                     | Private                |                          |                         |                                     |                        |
|--------------|--|--------------------------|-------------------------|-------------------------------------|------------------------|--------------------------|-------------------------|-------------------------------------|------------------------|
|              |  | Number of Establishments | Gross Output (000'TShs) | Intermediate Consumption (000'TShs) | Value Added (000'TShs) | Number of Establishments | Gross Output (000'TShs) | Intermediate Consumption (000'TShs) | Value Added (000'TShs) |
| 07           | Mining of metal ores   | -                        | -                       | -                                   | -                      | 12                       | 1,567,558               | 561,691                             | 1,005,866              |
| 08           | Other mining and quarrying   | 3                        | 79,009                  | 12,660                              | 66,349                 | 166                      | 5,702,616               | 1,898,517                           | 3,804,099              |
| <b>B</b>     | <b>Mining and quarrying Total</b>  | <b>3</b>                 | <b>79,009</b>           | <b>12,660</b>                       | <b>66,349</b>          | <b>178</b>               | <b>7,270,174</b>        | <b>2,460,208</b>                    | <b>4,809,965</b>       |
| 10           | Manufacture of food products   | 5                        | 424,264                 | 140,795                             | 283,469                | 19,313                   | 277,629,408             | 129,615,901                         | 148,013,507            |
| 11           | Manufacture of beverages   | -                        | -                       | -                                   | -                      | 29                       | 1,821,612               | 770,922                             | 1,050,690              |
| 12           | Manufacture of tobacco products  | -                        | -                       | -                                   | -                      | 10                       | 103,760                 | 32,582                              | 71,178                 |
| 13           | Manufacture of textiles  | 1                        | 10,002                  | 6,639                               | 3,362                  | 675                      | 6,073,924               | 2,328,409                           | 3,745,515              |
| 14           | Manufacture of wearing apparel   | 1                        | 5,912                   | 692                                 | 5,220                  | 13,279                   | 76,718,691              | 22,535,290                          | 54,183,402             |
| 15           | Manufacture of leather and related products  | -                        | -                       | -                                   | -                      | 159                      | 2,425,295               | 986,233                             | 1,439,062              |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw | 1                        | 15,005                  | 934                                 | 14,071                 | 1,701                    | 31,127,130              | 12,276,138                          | 18,850,992             |
| 17           | Manufacture of paper and paper products  | -                        | -                       | -                                   | -                      | 6                        | 185,179                 | 84,138                              | 101,041                |
| 18           | Printing and reproduction of recorded media  | 2                        | 131,753                 | 48,029                              | 83,724                 | 117                      | 6,676,014               | 3,269,678                           | 3,406,337              |
| 20           | Manufacture of chemicals and chemical products   | -                        | -                       | -                                   | -                      | 48                       | 1,669,722               | 710,855                             | 958,867                |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations                             | -                        | -                       | -                                   | -                      | 2                        | 22,702                  | 9,586                               | 13,116                 |
| 22           | Manufacture of rubber and plastics products  | -                        | -                       | -                                   | -                      | 22                       | 1,180,448               | 589,662                             | 590,786                |
| 23           | Manufacture of other non-metallic mineral products   | 1                        | 62,280                  | 22,649                              | 39,631                 | 1,013                    | 48,634,268              | 23,540,651                          | 25,093,617             |
| 24           | Manufacture of basic metals  | -                        | -                       | -                                   | -                      | 5                        | 108,961                 | 48,433                              | 60,528                 |
| 25           | Manufacture of fabricated metal products, except machinery and equipment                                 | 3                        | 143,158                 | 70,840                              | 72,318                 | 3,748                    | 63,387,298              | 27,099,939                          | 36,287,360             |
| 26           | Manufacture of computer, electronic and optical products   | -                        | -                       | -                                   | -                      | 1                        | 96,826                  | 67,828                              | 28,998                 |
| 27           | Manufacture of electrical equipment  | -                        | -                       | -                                   | -                      | 233                      | 4,008,177               | 1,437,633                           | 2,570,544              |
| 28           | Manufacture of machinery and equipment n.e.c.  | 2                        | 270,535                 | 104,686                             | 165,850                | 82                       | 3,382,846               | 1,375,319                           | 2,007,527              |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers  | 3                        | 132,964                 | 27,888                              | 105,076                | 21                       | 1,113,262               | 528,782                             | 584,480                |
| 30           | Manufacture of other transport equipment   | 1                        | 6,905                   | 50                                  | 6,854                  | 44                       | 579,459                 | 321,183                             | 258,276                |
| 31           | Manufacture of furniture   | 14                       | 205,471                 | 70,512                              | 134,959                | 6,749                    | 83,365,936              | 30,933,373                          | 52,432,563             |
| 32           | Other manufacturing  | -                        | -                       | -                                   | -                      | 162                      | 4,492,579               | 2,301,312                           | 2,191,268              |
| 33           | Repair and installation of machinery and equipment   | -                        | -                       | -                                   | -                      | 24                       | 638,723                 | 217,476                             | 421,247                |
| <b>C</b>     | <b>Manufacturing Total</b>   | <b>34</b>                | <b>1,408,250</b>        | <b>493,715</b>                      | <b>914,534</b>         | <b>47,442</b>            | <b>615,442,220</b>      | <b>261,081,322</b>                  | <b>354,360,898</b>     |
| 35           | Electricity, gas, steam and air conditioning supply  | 1                        | 11,817                  | 1,204                               | 10,613                 | 123                      | 1,578,267               | 768,642                             | 809,625                |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply Total</b>   | <b>1</b>                 | <b>11,817</b>           | <b>1,204</b>                        | <b>10,613</b>          | <b>123</b>               | <b>1,578,267</b>        | <b>768,642</b>                      | <b>809,625</b>         |
| 36           | Water collection, treatment and supply   | 49                       | 802,485                 | 227,898                             | 574,587                | 88                       | 1,911,786               | 683,335                             | 1,228,451              |
| 38           | Waste collection, treatment and disposal activities; materials recovery                                  | -                        | -                       | -                                   | -                      | 2                        | 234,477                 | 128,784                             | 105,693                |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities Total</b>                         | <b>49</b>                | <b>802,485</b>          | <b>227,898</b>                      | <b>574,587</b>         | <b>91</b>                | <b>2,146,263</b>        | <b>812,120</b>                      | <b>1,334,143</b>       |
| <b>Total</b> |  | <b>87</b>                | <b>2,301,561</b>        | <b>735,477</b>                      | <b>1,566,084</b>       | <b>47,834</b>            | <b>626,436,924</b>      | <b>265,122,291</b>                  | <b>361,314,633</b>     |

**Table 42: Number of Establishments in Industry by Size of Establishment, Tanzania Mainland, CIP-2013**



(Number)

| ISIC Rev.4 | Industrial Activity   | Employment size |            |           |           |           |           |          | Total      |
|------------|---|-----------------|------------|-----------|-----------|-----------|-----------|----------|------------|
|            |   | 1-4             | 5-9        | 10-19     | 20-49     | 50-99     | 100-499   | 500+     |            |
| 051        | Mining of hard coal   | 0               | 0          | 0         | 0         | 1         | 0         | 0        | 1          |
| 072        | Mining of non-ferrous metal ores  | 4               | 8          | 11        | 10        | 2         | 4         | 5        | 44         |
| 081        | Quarrying of stone, sand and clay   | 52              | 50         | 6         | 8         | 4         | 3         | 0        | 123        |
| 089        | Mining and quarrying n.e.c.   | 21              | 46         | 51        | 72        | 14        | 16        | 2        | 223        |
| <b>B</b>   | <b>Mining and quarrying Total</b>   | <b>77</b>       | <b>105</b> | <b>69</b> | <b>90</b> | <b>21</b> | <b>23</b> | <b>7</b> | <b>391</b> |
| 101        | Processing and preserving of meat   | 0               | 8          | 1         | 4         | 3         | 1         | 0        | 19         |
| 102        | Processing and preserving of fish, crustaceans and molluscs   | 0               | 1          | 2         | 2         | 3         | 6         | 3        | 18         |
| 103        | Processing and preserving of fruit and vegetables   | 60              | 24         | 3         | 6         | 4         | 3         | 0        | 99         |
| 104        | Manufacture of vegetable and animal oils and fats   | 621             | 151        | 35        | 13        | 3         | 3         | 3        | 828        |
| 105        | Manufacture of dairy products   | 15              | 20         | 6         | 2         | 2         | 2         | 0        | 46         |
| 106        | Manufacture of grain mill products, starches and starch products  | 17,027          | 1,108      | 64        | 35        | 7         | 5         | 2        | 18,248     |
| 107        | Manufacture of other food products  | 93              | 131        | 52        | 53        | 12        | 23        | 7        | 373        |
| 108        | Manufacture of prepared animal feeds  | 34              | 25         | 5         | 3         | 1         | 1         | 0        | 69         |
| 110        | Manufacture of beverages  | 14              | 15         | 7         | 13        | 8         | 17        | 2        | 77         |
| 120        | Manufacture of tobacco products   | 3               | 7          | 0         | 0         | 0         | 1         | 3        | 14         |
| 131        | Spinning, weaving and finishing of textiles   | 6               | 3          | 1         | 1         | 1         | 3         | 3        | 18         |
| 139        | Manufacture of other textiles   | 619             | 48         | 3         | 5         | 3         | 7         | 5        | 690        |
| 141        | Manufacture of wearing apparel, except fur apparel  | 12,180          | 985        | 4         | 5         | 1         | 1         | 1        | 13,177     |
| 143        | Manufacture of knitted and crocheted apparel  | 106             | 9          | 1         | 0         | 0         | 0         | 0        | 116        |
| 151        | Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur | 18              | 5          | 3         | 1         | 2         | 0         | 0        | 29         |
| 152        | Manufacture of footwear   | 106             | 30         | 0         | 4         | 4         | 4         | 0        | 147        |
| 161        | Sawmilling and planing of wood  | 761             | 264        | 38        | 13        | 2         | 1         | 2        | 1,082      |
| 162        | Manufacture of products of wood, cork, straw and plaiting materials   | 548             | 129        | 5         | 3         | 4         | 0         | 0        | 688        |
| 170        | Manufacture of paper and paper products   | 3               | 3          | 1         | 4         | 4         | 2         | 1        | 19         |
| 181        | Printing and service activities related to printing   | 79              | 40         | 12        | 20        | 5         | 8         | 0        | 164        |
| 182        | Reproduction of recorded media  | 1               | 0          | 0         | 3         | 0         | 0         | 0        | 4          |
| 192        | Manufacture of refined petroleum products   | 0               | 0          | 0         | 1         | 1         | 1         | 0        | 3          |
| 201        | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms  | 1               | 2          | 3         | 1         | 1         | 2         | 0        | 11         |
| 202        | Manufacture of other chemical products  | 20              | 25         | 11        | 6         | 4         | 8         | 2        | 76         |
| 210        | Manufacture of pharmaceuticals, medicinal chemical and botanical products   | 0               | 2          | 1         | 0         | 1         | 3         | 0        | 7          |
| 221        | Manufacture of rubber products  | 3               | 0          | 1         | 0         | 2         | 0         | 0        | 6          |
| 222        | Manufacture of plastics products  | 9               | 10         | 8         | 8         | 6         | 17        | 0        | 59         |
| 231        | Manufacture of glass and glass products   | 7               | 3          | 3         | 0         | 2         | 0         | 1        | 16         |
| 239        | Manufacture of non-metallic mineral products n.e.c.   | 518             | 486        | 38        | 32        | 7         | 6         | 0        | 1,087      |
| 241        | Manufacture of basic iron and steel   | 1               | 1          | 2         | 1         | 3         | 5         | 1        | 14         |



**Table 42(Cont'd): Number of Establishments in Industry by Size of Establishment, Tanzania Mainland, CIP-2013**

|            |   | (Number)        |              |            |            |            |            |           |               |
|------------|---|-----------------|--------------|------------|------------|------------|------------|-----------|---------------|
| ISIC Rev.4 | Industrial Activity   | Employment size |              |            |            |            |            |           | Total         |
|            |   | 1-4             | 5-9          | 10-19      | 20-49      | 50-99      | 100-499    | 500+      |               |
| 242        | Manufacture of basic precious and other non-ferrous metals  | 0               | 0            | 0          | 0          | 2          | 0          | 0         | 2             |
| 243        | Casting of metals   | 2               | 1            | 0          | 0          | 0          | 0          | 0         | 3             |
| 251        | Manufacture of structural metal products, tanks, reservoirs and steam generators                            | 2,751           | 745          | 20         | 4          | 4          | 2          | 0         | 3,527         |
| 259        | Manufacture of other fabricated metal products; metalworking service activities                             | 168             | 87           | 11         | 5          | 4          | 2          | 0         | 278           |
| 261        | Manufacture of electronic components and boards   | 0               | 0            | 0          | 0          | 0          | 1          | 0         | 1             |
| 267        | Manufacture of optical instruments and photographic equipment   | 0               | 1            | 0          | 0          | 0          | 0          | 0         | 1             |
| 271        | Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus | 1               | 0            | 1          | 0          | 0          | 0          | 0         | 2             |
| 272        | Manufacture of batteries and accumulators   | 0               | 0            | 0          | 0          | 0          | 1          | 0         | 1             |
| 273        | Manufacture of wiring and wiring devices  | 0               | 0            | 0          | 2          | 0          | 2          | 0         | 4             |
| 275        | Manufacture of domestic appliances  | 168             | 58           | 0          | 12         | 1          | 0          | 0         | 239           |
| 279        | Manufacture of other electrical equipment   | 1               | 5            | 0          | 0          | 1          | 0          | 0         | 7             |
| 281        | Manufacture of general-purpose machinery  | 0               | 3            | 0          | 0          | 0          | 0          | 0         | 3             |
| 282        | Manufacture of special-purpose machinery  | 45              | 37           | 9          | 3          | 2          | 0          | 0         | 96            |
| 292        | Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers             | 2               | 2            | 0          | 5          | 1          | 1          | 0         | 11            |
| 293        | Manufacture of parts and accessories for motor vehicles   | 9               | 11           | 1          | 3          | 1          | 0          | 1         | 26            |
| 301        | Building of ships and boats   | 12              | 3            | 0          | 1          | 0          | 0          | 0         | 16            |
| 309        | Manufacture of transport equipment n.e.c.   | 26              | 4            | 0          | 0          | 0          | 1          | 0         | 31            |
| 310        | Manufacture of furniture  | 5,478           | 1,285        | 34         | 11         | 9          | 6          | 0         | 6,823         |
| 321        | Manufacture of jewellery, bijouterie and related articles   | 88              | 31           | 1          | 0          | 0          | 0          | 0         | 121           |
| 322        | Manufacture of musical instruments  | 4               | 0            | 0          | 0          | 0          | 0          | 0         | 4             |
| 324        | Manufacture of games and toys   | 1               | 1            | 0          | 1          | 0          | 0          | 0         | 3             |
| 329        | Other manufacturing n.e.c.  | 33              | 3            | 0          | 3          | 5          | 3          | 0         | 47            |
| 331        | Repair of fabricated metal products, machinery and equipment  | 16              | 8            | 2          | 0          | 1          | 1          | 0         | 28            |
| <b>C</b>   | <b>Manufacturing Total</b>  | <b>41,656</b>   | <b>5,820</b> | <b>391</b> | <b>290</b> | <b>127</b> | <b>151</b> | <b>38</b> | <b>48,474</b> |
| 351        | Electric power generation, transmission and distribution  | 106             | 11           | 0          | 4          | 4          | 16         | 3         | 144           |
| 353        | Steam and air conditioning supply   | 3               | 4            | 0          | 0          | 0          | 0          | 0         | 7             |
| <b>D</b>   | <b>Electricity, gas, steam and air conditioning supply Total</b>  | <b>109</b>      | <b>15</b>    | <b>0</b>   | <b>4</b>   | <b>4</b>   | <b>16</b>  | <b>3</b>  | <b>151</b>    |
| 360        | Water collection, treatment and supply  | 77              | 61           | 33         | 27         | 15         | 9          | 0         | 221           |
| 383        | Materials recovery  | 1               | 1            | 0          | 1          | 2          | 0          | 0         | 6             |
| <b>E</b>   | <b>Water supply; sewerage, waste management and remediation activities Total</b>                            | <b>78</b>       | <b>62</b>    | <b>33</b>  | <b>28</b>  | <b>18</b>  | <b>9</b>   | <b>0</b>  | <b>227</b>    |
|            | <b>Total</b>  | <b>41,919</b>   | <b>6,002</b> | <b>493</b> | <b>412</b> | <b>170</b> | <b>199</b> | <b>48</b> | <b>49,243</b> |



**Table 43: Number of Employees by Employment Size, Tanzania Mainland, CIP-2013**

| ISIC Rev.4   | Industrial Activity  | Employment Size |               |              |               |               |               |               | Total          |
|--------------|--|-----------------|---------------|--------------|---------------|---------------|---------------|---------------|----------------|
|              |  | 1-4             | 5-9           | 10-19        | 20-49         | 50-99         | 100-499       | 500+          |                |
|              | 05 Mining of coal and lignite  | -               | -             | -            | -             | 77            | -             | -             | 77             |
|              | 07 Mining of metal ores  | 6               | 50            | 136          | 286           | 107           | 1,093         | 8,102         | 9,779          |
|              | 08 Other mining and quarrying  | 85              | 490           | 799          | 2,398         | 1,250         | 2,989         | 1,291         | 9,302          |
| <b>B</b>     | <b>Mining and Quarrying</b>  | <b>91</b>       | <b>540</b>    | <b>936</b>   | <b>2,684</b>  | <b>1,433</b>  | <b>4,082</b>  | <b>9,393</b>  | <b>19,158</b>  |
|              | 10 Manufacture of food products  | 18,565          | 6,437         | 1,938        | 2,991         | 2,424         | 9,168         | 22,340        | 63,863         |
|              | 11 Manufacture of beverages  | 24              | 87            | 96           | 362           | 558           | 4,384         | 1,408         | 6,919          |
|              | 12 Manufacture of tobacco products   | 6               | 37            | -            | -             | -             | 122           | 4,939         | 5,103          |
|              | 13 Manufacture of textiles   | 546             | 138           | 43           | 159           | 244           | 3,214         | 12,305        | 16,649         |
|              | 14 Manufacture of wearing apparel  | 6,235           | 2,500         | 52           | 140           | 86            | 137           | 1,302         | 10,453         |
|              | 15 Manufacture of leather and related products   | 117             | 164           | 43           | 192           | 413           | 480           | -             | 1,410          |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 1,764           | 1,775         | 514          | 375           | 353           | 147           | 2,281         | 7,209          |
|              | 17 Manufacture of paper and paper products   | 3               | 18            | 12           | 149           | 305           | 248           | 1,507         | 2,242          |
|              | 18 Printing and reproduction of recorded media   | 126             | 229           | 157          | 724           | 257           | 1,655         | -             | 3,149          |
|              | 19 Manufacture of coke and refined petroleum products  | -               | -             | -            | 20            | 85            | 136           | -             | 241            |
|              | 20 Manufacture of chemicals and chemical products  | 30              | 162           | 143          | 179           | 376           | 2,284         | 3,255         | 6,429          |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -               | 6             | 12           | -             | 73            | 689           | -             | 780            |
|              | 22 Manufacture of rubber and plastics products   | 10              | 56            | 141          | 282           | 634           | 3,162         | -             | 4,286          |
|              | 23 Manufacture of other non-metallic mineral products  | 1,194           | 2,503         | 454          | 839           | 555           | 1,754         | 793           | 8,093          |
|              | 24 Manufacture of basic metals   | 5               | 11            | 33           | 41            | 310           | 1,241         | 523           | 2,164          |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 3,937           | 3,340         | 358          | 251           | 549           | 949           | -             | 9,382          |
|              | 26 Manufacture of computer, electronic and optical products  | -               | 8             | -            | -             | -             | 108           | -             | 116            |
|              | 27 Manufacture of electrical equipment   | 136             | 279           | 12           | 338           | 106           | 490           | -             | 1,360          |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 73              | 179           | 115          | 90            | 137           | -             | -             | 594            |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 17              | 75            | 11           | 268           | 156           | 120           | 713           | 1,359          |
|              | 30 Manufacture of other transport equipment  | 34              | 27            | -            | 41            | -             | 156           | -             | 259            |
|              | 31 Manufacture of furniture  | 5,533           | 4,569         | 327          | 268           | 689           | 1,550         | -             | 12,935         |
|              | 32 Other manufacturing   | 157             | 196           | 13           | 126           | 379           | 637           | -             | 1,508          |
|              | 33 Repair and installation of machinery and equipment  | 24              | 41            | 23           | -             | 53            | 241           | -             | 383            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>38,534</b>   | <b>22,837</b> | <b>4,499</b> | <b>7,835</b>  | <b>8,742</b>  | <b>33,074</b> | <b>51,366</b> | <b>166,889</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 136             | 70            | -            | 114           | 286           | 3,902         | 3,613         | 8,121          |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>   | <b>136</b>      | <b>70</b>     | <b>-</b>     | <b>114</b>    | <b>286</b>    | <b>3,902</b>  | <b>3,613</b>  | <b>8,121</b>   |
|              | 36 Water collection, treatment and supply  | 117             | 320           | 465          | 827           | 1,121         | 1,669         | -             | 4,519          |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | 3               | 9             | -            | 44            | 182           | -             | -             | 237            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities Total</b>   | <b>120</b>      | <b>329</b>    | <b>465</b>   | <b>871</b>    | <b>1,303</b>  | <b>1,669</b>  | <b>-</b>      | <b>4,756</b>   |
| <b>Total</b> |  | <b>38,881</b>   | <b>23,776</b> | <b>5,900</b> | <b>11,504</b> | <b>11,764</b> | <b>42,727</b> | <b>64,372</b> | <b>198,924</b> |



**Table 44: Number of Persons Engaged by Employment Size, Tanzania Mainland, CIP-2013**

| ISIC Rev.4   | Industrial Activity  | Employment Size |               |              |               |               |               |               | Total          |
|--------------|--|-----------------|---------------|--------------|---------------|---------------|---------------|---------------|----------------|
|              |  | 1-4             | 5-9           | 10-19        | 20-49         | 50-99         | 100-499       | 500+          |                |
|              | 05 Mining of coal and lignite  | -               | -             | -            | -             | 77            | -             | -             | 77             |
|              | 07 Mining of metal ores  | 14              | 60            | 153          | 307           | 108           | 1,099         | 8,102         | 9,843          |
|              | 08 Other mining and quarrying  | 177             | 739           | 864          | 2,507         | 1,267         | 3,139         | 1,295         | 9,987          |
| <b>B</b>     | <b>Mining and Quarrying</b>  | <b>191</b>      | <b>799</b>    | <b>1,017</b> | <b>2,814</b>  | <b>1,452</b>  | <b>4,237</b>  | <b>9,397</b>  | <b>19,907</b>  |
|              | 10 Manufacture of food products  | 35,679          | 9,620         | 2,305        | 3,434         | 2,445         | 9,504         | 22,343        | 85,330         |
|              | 11 Manufacture of beverages  | 42              | 104           | 100          | 391           | 567           | 4,392         | 1,408         | 7,004          |
|              | 12 Manufacture of tobacco products   | 7               | 42            | -            | -             | -             | 122           | 4,939         | 5,109          |
|              | 13 Manufacture of textiles   | 1,304           | 344           | 61           | 218           | 262           | 3,216         | 12,309        | 17,714         |
|              | 14 Manufacture of wearing apparel  | 22,836          | 5,959         | 68           | 145           | 92            | 137           | 1,302         | 30,538         |
|              | 15 Manufacture of leather and related products   | 272             | 238           | 47           | 192           | 415           | 561           | -             | 1,726          |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 3,173           | 2,476         | 575          | 406           | 360           | 147           | 2,281         | 9,418          |
|              | 17 Manufacture of paper and paper products   | 5               | 20            | 12           | 150           | 311           | 248           | 1,507         | 2,253          |
|              | 18 Printing and reproduction of recorded media   | 209             | 280           | 171          | 733           | 291           | 1,655         | -             | 3,339          |
|              | 19 Manufacture of coke and refined petroleum products  | -               | -             | -            | 20            | 86            | 137           | -             | 243            |
|              | 20 Manufacture of chemicals and chemical products  | 62              | 203           | 189          | 206           | 441           | 2,289         | 3,255         | 6,645          |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -               | 12            | 14           | -             | 73            | 691           | -             | 790            |
|              | 22 Manufacture of rubber and plastics products   | 31              | 68            | 143          | 294           | 639           | 3,167         | -             | 4,342          |
|              | 23 Manufacture of other non-metallic mineral products  | 1,644           | 3,192         | 530          | 911           | 557           | 1,757         | 793           | 9,385          |
|              | 24 Manufacture of basic metals   | 8               | 12            | 33           | 41            | 314           | 1,262         | 524           | 2,194          |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 7,546           | 5,154         | 398          | 279           | 561           | 951           | -             | 14,889         |
|              | 26 Manufacture of computer, electronic and optical products  | -               | 9             | -            | -             | -             | 115           | -             | 124            |
|              | 27 Manufacture of electrical equipment   | 349             | 443           | 13           | 338           | 109           | 490           | -             | 1,741          |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 121             | 246           | 132          | 90            | 137           | -             | -             | 726            |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 29              | 90            | 14           | 269           | 156           | 120           | 713           | 1,391          |
|              | 30 Manufacture of other transport equipment  | 80              | 51            | -            | 41            | -             | 158           | -             | 330            |
|              | 31 Manufacture of furniture  | 12,611          | 8,151         | 439          | 295           | 691           | 1,553         | -             | 23,739         |
|              | 32 Other manufacturing   | 297             | 246           | 13           | 131           | 383           | 639           | -             | 1,709          |
|              | 33 Repair and installation of machinery and equipment  | 41              | 59            | 23           | -             | 53            | 241           | -             | 418            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>86,346</b>   | <b>37,020</b> | <b>5,280</b> | <b>8,583</b>  | <b>8,942</b>  | <b>33,554</b> | <b>51,374</b> | <b>231,098</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 238             | 97            | -            | 114           | 286           | 3,902         | 3,613         | 8,250          |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>   | <b>238</b>      | <b>97</b>     | <b>-</b>     | <b>114</b>    | <b>286</b>    | <b>3,902</b>  | <b>3,613</b>  | <b>8,250</b>   |
|              | 36 Water collection, treatment and supply  | 182             | 449           | 470          | 833           | 1,122         | 1,669         | -             | 4,726          |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | 3               | 11            | -            | 44            | 184           | -             | -             | 242            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities Total</b>   | <b>185</b>      | <b>461</b>    | <b>470</b>   | <b>877</b>    | <b>1,306</b>  | <b>1,669</b>  | <b>-</b>      | <b>4,968</b>   |
| <b>Total</b> |  | <b>86,960</b>   | <b>38,376</b> | <b>6,767</b> | <b>12,388</b> | <b>11,986</b> | <b>43,363</b> | <b>64,384</b> | <b>264,223</b> |



**Table 45: Total Labour Cost in Industry by Employment Size, Tanzania Mainland, CIP-2013**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Employment Size   |                   |                   |                   |                   |                    |                    | Total                |
|--------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|----------------------|
|              |   | 1-4               | 5-9               | 10-19             | 20-49             | 50-99             | 100-499            | 500+               |                      |
| 5            | Mining of coal and lignite  | -                 | -                 | -                 | -                 | 374,347           | -                  | -                  | 374,347              |
| 7            | Mining of metal ores  | 22,282            | 110,582           | 347,644           | 1,049,915         | 872,650           | 26,298,816         | 311,814,729        | 340,516,620          |
| 8            | Other mining and quarrying  | 283,239           | 786,950           | 2,270,611         | 4,564,033         | 4,413,321         | 6,295,038          | 21,870,214         | 40,483,406           |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>305,521</b>    | <b>897,532</b>    | <b>2,618,256</b>  | <b>5,613,948</b>  | <b>5,660,318</b>  | <b>32,593,854</b>  | <b>333,684,943</b> | <b>381,374,372</b>   |
| 10           | Manufacture of food products  | 24,873,248        | 10,002,605        | 4,253,660         | 8,706,871         | 12,137,800        | 30,727,824         | 123,118,726        | 213,820,734          |
| 11           | Manufacture of beverages  | 36,851            | 171,945           | 212,495           | 1,694,740         | 6,290,668         | 150,111,297        | 12,041,114         | 170,559,111          |
| 12           | Manufacture of tobacco products   | 7,475             | 33,989            | -                 | -                 | -                 | 576,923            | 64,781,828         | 65,400,214           |
| 13           | Manufacture of textiles   | 1,625,416         | 202,379           | 260,954           | 12,234,351        | 2,219,320         | 7,179,471          | 41,603,218         | 65,325,109           |
| 14           | Manufacture of wearing apparel  | 17,855,737        | 3,268,802         | 152,951           | 411,262           | 162,023           | 294,749            | 5,521,196          | 27,666,720           |
| 15           | Manufacture of leather and related products   | 383,881           | 260,806           | 114,033           | 346,733           | 909,126           | 1,303,466          | -                  | 3,318,045            |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 3,546,566         | 2,798,295         | 1,171,604         | 1,132,829         | 1,279,498         | 464,681            | 5,922,289          | 16,315,761           |
| 17           | Manufacture of paper and paper products   | 4,874             | 21,302            | 43,457            | 585,280           | 1,335,680         | 897,734            | 8,150,066          | 11,038,394           |
| 18           | Printing and reproduction of recorded media   | 440,623           | 572,017           | 668,987           | 4,771,136         | 2,602,768         | 12,677,293         | -                  | 21,732,822           |
| 19           | Manufacture of coke and refined petroleum products  | -                 | -                 | -                 | 77,057            | 188,637           | 1,193,307          | -                  | 1,459,001            |
| 20           | Manufacture of chemicals and chemical products  | 66,937            | 239,772           | 962,706           | 548,236           | 4,583,825         | 9,610,475          | 19,504,487         | 35,516,438           |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -                 | 5,053             | 76,241            | -                 | 470,664           | 4,957,917          | -                  | 5,509,875            |
| 22           | Manufacture of rubber and plastics products   | 27,004            | 130,623           | 719,189           | 1,379,544         | 2,026,427         | 16,549,459         | -                  | 20,832,245           |
| 23           | Manufacture of other non-metallic mineral products  | 2,689,689         | 4,866,732         | 1,453,310         | 2,751,061         | 2,078,645         | 45,811,696         | 6,401,072          | 66,052,205           |
| 24           | Manufacture of basic metals   | 5,630             | 31,929            | 119,627           | 138,674           | 848,418           | 3,198,272          | 1,873,629          | 6,216,180            |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 8,184,685         | 5,696,869         | 1,029,088         | 927,080           | 3,646,203         | 2,467,434          | -                  | 21,951,359           |
| 26           | Manufacture of computer, electronic and optical products  | -                 | 27,617            | -                 | -                 | -                 | 3,526,037          | -                  | 3,553,654            |
| 27           | Manufacture of electrical equipment   | 376,128           | 529,994           | 80,261            | 435,055           | 2,430,429         | 2,158,250          | -                  | 6,010,117            |
| 28           | Manufacture of machinery and equipment n.e.c.   | 191,792           | 438,164           | 626,433           | 327,658           | 2,334,254         | -                  | -                  | 3,918,301            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 93,875            | 179,494           | 15,093            | 979,016           | 540,674           | 521,471            | 4,080,105          | 6,409,728            |
| 30           | Manufacture of other transport equipment  | 68,310            | 43,221            | -                 | 83,644            | -                 | 2,535,253          | -                  | 2,730,429            |
| 31           | Manufacture of furniture  | 12,085,611        | 8,542,229         | 820,028           | 581,335           | 2,898,612         | 12,867,262         | -                  | 37,795,078           |
| 32           | Other manufacturing   | 426,008           | 419,760           | 35,791            | 422,295           | 980,549           | 2,608,229          | -                  | 4,892,632            |
| 33           | Repair and installation of machinery and equipment  | 50,056            | 111,286           | 65,099            | -                 | 230,886           | 2,348,431          | -                  | 2,805,758            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>73,040,395</b> | <b>38,594,881</b> | <b>12,881,007</b> | <b>38,533,857</b> | <b>50,195,106</b> | <b>314,586,933</b> | <b>292,997,729</b> | <b>820,829,908</b>   |
| 35           | Electricity, gas, steam and air conditioning supply   | 158,720           | 99,067            | -                 | 2,912,173         | 6,563,886         | 78,644,675         | 98,252,931         | 186,631,452          |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>  | <b>158,720</b>    | <b>99,067</b>     | <b>-</b>          | <b>2,912,173</b>  | <b>6,563,886</b>  | <b>78,644,675</b>  | <b>98,252,931</b>  | <b>186,631,452</b>   |
| 36           | Water collection, treatment and supply  | 178,013           | 404,750           | 1,737,169         | 4,105,831         | 10,407,223        | 15,104,735         | -                  | 31,937,721           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 2,161             | 19,388            | -                 | 97,182            | 429,950           | -                  | -                  | 548,681              |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>180,174</b>    | <b>424,138</b>    | <b>1,737,169</b>  | <b>4,203,013</b>  | <b>10,837,173</b> | <b>15,104,735</b>  | <b>-</b>           | <b>32,486,402</b>    |
| <b>Total</b> |   | <b>73,684,810</b> | <b>40,015,618</b> | <b>17,236,432</b> | <b>51,262,991</b> | <b>73,256,484</b> | <b>440,930,197</b> | <b>724,935,603</b> | <b>1,421,322,135</b> |



**Table 46: Wages and Salaries in Industry by Employment Size, Tanzania Mainland, CIP-2013**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Employment Size   |                   |                   |                   |                   |                    |                    | Total              |
|--------------|---|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
|              |   | 1-4               | 5-9               | 10-19             | 20-49             | 50-99             | 100-499            | 500+               |                    |
| 05           | Mining of coal and lignite  | -                 | -                 | -                 | -                 | 296,655           | -                  | -                  | 296,655            |
| 07           | Mining of metal ores  | 9,403             | 74,709            | 282,769           | 939,465           | 822,921           | 3,855,502          | 64,484,629         | 70,469,400         |
| 08           | Other mining and quarrying  | 125,269           | 573,845           | 1,539,865         | 3,620,058         | 2,852,597         | 5,242,089          | 18,435,052         | 32,388,777         |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>134,673</b>    | <b>648,554</b>    | <b>1,822,635</b>  | <b>4,559,524</b>  | <b>3,972,174</b>  | <b>9,097,591</b>   | <b>82,919,682</b>  | <b>103,154,832</b> |
| 10           | Manufacture of food products  | 16,725,856        | 8,064,254         | 3,429,705         | 7,032,755         | 8,813,700         | 22,672,702         | 98,285,516         | 165,024,487        |
| 11           | Manufacture of beverages  | 28,811            | 110,990           | 173,690           | 1,257,030         | 5,552,687         | 85,147,874         | 8,865,455          | 101,136,536        |
| 12           | Manufacture of tobacco products   | 6,802             | 33,508            | -                 | -                 | -                 | 429,335            | 44,581,205         | 45,050,851         |
| 13           | Manufacture of textiles   | 1,069,290         | 151,259           | 242,261           | 494,438           | 888,555           | 4,931,546          | 25,980,732         | 33,758,082         |
| 14           | Manufacture of wearing apparel  | 9,576,546         | 2,692,809         | 138,376           | 246,290           | 149,264           | 196,247            | 3,440,498          | 16,440,029         |
| 15           | Manufacture of leather and related products   | 291,380           | 236,597           | 97,963            | 284,924           | 791,974           | 1,149,534          | -                  | 2,852,372          |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 2,681,626         | 2,269,941         | 935,124           | 877,408           | 1,162,477         | 451,085            | 4,901,186          | 13,278,848         |
| 17           | Manufacture of paper and paper products   | 4,874             | 17,550            | 43,223            | 350,593           | 948,285           | 720,566            | 5,955,197          | 8,040,288          |
| 18           | Printing and reproduction of recorded media   | 332,988           | 491,435           | 563,208           | 3,621,016         | 2,295,841         | 8,785,142          | -                  | 16,089,630         |
| 19           | Manufacture of coke and refined petroleum products  | -                 | -                 | -                 | 48,602            | 87,562            | 954,347            | -                  | 1,090,511          |
| 20           | Manufacture of chemicals and chemical products  | 42,784            | 177,911           | 779,783           | 285,445           | 3,544,044         | 7,701,508          | 16,395,793         | 28,927,268         |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -                 | 1,451             | 25,314            | -                 | 403,524           | 3,400,509          | -                  | 3,830,797          |
| 22           | Manufacture of rubber and plastics products   | 19,814            | 111,712           | 440,732           | 852,824           | 1,725,180         | 13,683,662         | -                  | 16,833,924         |
| 23           | Manufacture of other non-metallic mineral products  | 2,499,849         | 4,562,124         | 1,035,069         | 2,316,236         | 1,470,618         | 28,600,956         | 3,859,372          | 44,344,225         |
| 24           | Manufacture of basic metals   | 3,661             | 28,339            | 92,059            | 126,068           | 518,656           | 2,201,261          | 1,620,138          | 4,590,181          |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 6,263,183         | 4,755,284         | 842,703           | 759,617           | 2,618,404         | 2,047,103          | -                  | 17,286,295         |
| 26           | Manufacture of computer, electronic and optical products  | -                 | 24,868            | -                 | -                 | -                 | 2,862,337          | -                  | 2,887,205          |
| 27           | Manufacture of electrical equipment   | 235,483           | 488,137           | 47,380            | 355,124           | 1,251,773         | 1,645,910          | -                  | 4,023,808          |
| 28           | Manufacture of machinery and equipment n.e.c.   | 133,493           | 372,548           | 393,740           | 235,651           | 1,647,869         | -                  | -                  | 2,783,300          |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 46,117            | 166,459           | 14,065            | 624,452           | 457,238           | 242,041            | 4,032,858          | 5,583,230          |
| 30           | Manufacture of other transport equipment  | 37,594            | 34,943            | -                 | 70,253            | -                 | 1,442,417          | -                  | 1,585,207          |
| 31           | Manufacture of furniture  | 8,747,828         | 6,967,032         | 620,703           | 483,849           | 1,587,477         | 9,576,941          | -                  | 27,983,830         |
| 32           | Other manufacturing   | 287,354           | 375,366           | 32,537            | 340,342           | 772,866           | 1,629,238          | -                  | 3,437,703          |
| 33           | Repair and installation of machinery and equipment  | 42,383            | 95,602            | 41,639            | -                 | 182,301           | 1,541,281          | -                  | 1,903,206          |
| <b>C</b>     | <b>Manufacturing</b>  | <b>49,077,716</b> | <b>32,230,120</b> | <b>9,989,275</b>  | <b>20,662,916</b> | <b>36,870,293</b> | <b>202,013,542</b> | <b>217,917,950</b> | <b>568,761,813</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 108,516           | 89,258            | -                 | 2,192,702         | 5,257,353         | 63,792,651         | 79,057,886         | 150,498,366        |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>  | <b>108,516</b>    | <b>89,258</b>     | <b>-</b>          | <b>2,192,702</b>  | <b>5,257,353</b>  | <b>63,792,651</b>  | <b>79,057,886</b>  | <b>150,498,366</b> |
| 36           | Water collection, treatment and supply  | 125,202           | 313,158           | 1,194,250         | 3,078,379         | 6,887,115         | 9,846,110          | -                  | 21,444,215         |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 2,161             | 16,886            | -                 | 96,436            | 329,293           | -                  | -                  | 444,776            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>127,363</b>    | <b>330,044</b>    | <b>1,194,250</b>  | <b>3,174,814</b>  | <b>7,216,409</b>  | <b>9,846,110</b>   | <b>-</b>           | <b>21,888,990</b>  |
| <b>Total</b> |   | <b>49,448,268</b> | <b>33,297,977</b> | <b>13,006,160</b> | <b>30,589,956</b> | <b>53,316,229</b> | <b>284,749,894</b> | <b>379,895,518</b> | <b>844,304,001</b> |



**Table 47: Group Output in Industry by Employment Size, Tanzania Mainland, CIP-2013**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Employment Size    |                    |                    |                    |                      |                      |                      | Total                 |
|--------------|---|--------------------|--------------------|--------------------|--------------------|----------------------|----------------------|----------------------|-----------------------|
|              |   | 1-4                | 5-9                | 10-19              | 20-49              | 50-99                | 100-499              | 500+                 |                       |
| 05           | Mining of coal and lignite  | -                  | -                  | -                  | -                  | 2,090,793            | -                    | -                    | 2,090,793             |
| 07           | Mining of metal ores  | 95,825             | 1,471,733          | 13,476,600         | 6,973,427          | 2,301,847            | 362,811,801          | 3,361,812,601        | 3,748,943,835         |
| 08           | Other mining and quarrying  | 886,657            | 4,894,968          | 21,386,262         | 68,187,501         | 18,771,669           | 37,303,640           | 87,372,110           | 238,802,807           |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>982,481</b>     | <b>6,366,701</b>   | <b>34,862,862</b>  | <b>75,160,928</b>  | <b>23,164,309</b>    | <b>400,115,442</b>   | <b>3,449,184,711</b> | <b>3,989,837,434</b>  |
| 10           | Manufacture of food products  | 160,787,945        | 117,265,728        | 124,061,586        | 202,715,846        | 267,270,137          | 626,637,239          | 2,732,390,486        | 4,231,128,967         |
| 11           | Manufacture of beverages  | 321,943            | 1,499,669          | 1,941,532          | 16,074,399         | 134,931,318          | 1,305,579,017        | 284,562,597          | 1,744,910,475         |
| 12           | Manufacture of tobacco products   | 23,008             | 80,751             | -                  | -                  | -                    | 5,430,705            | 650,172,190          | 655,706,655           |
| 13           | Manufacture of textiles   | 5,166,425          | 917,500            | 3,123,468          | 18,938,854         | 28,423,841           | 101,288,886          | 252,814,869          | 410,673,843           |
| 14           | Manufacture of wearing apparel  | 63,777,946         | 12,946,657         | 846,892            | 2,293,412          | 537,701              | 5,982,942            | 14,958,430           | 101,343,980           |
| 15           | Manufacture of leather and related products   | 1,434,614          | 990,681            | 1,237,016          | 10,607,330         | 23,637,560           | 19,560,204           | -                    | 57,467,405            |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 15,081,366         | 16,060,770         | 41,939,337         | 9,693,405          | 6,518,686            | 4,472,577            | 61,797,250           | 155,563,391           |
| 17           | Manufacture of paper and paper products   | 47,017             | 138,162            | 179,823            | 9,134,026          | 14,505,203           | 21,574,899           | 51,308,787           | 96,887,918            |
| 18           | Printing and reproduction of recorded media   | 2,170,880          | 4,636,888          | 5,105,789          | 33,928,096         | 30,016,312           | 108,482,147          | -                    | 184,340,112           |
| 19           | Manufacture of coke and refined petroleum products  | -                  | -                  | -                  | 880,994            | 17,746,152           | 51,424,753           | -                    | 70,051,898            |
| 20           | Manufacture of chemicals and chemical products  | 511,526            | 1,158,196          | 16,971,329         | 4,731,139          | 36,010,274           | 302,697,843          | 193,700,231          | 555,780,538           |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -                  | 22,702             | 1,878,707          | -                  | 3,920,039            | 54,371,264           | -                    | 60,192,711            |
| 22           | Manufacture of rubber and plastics products   | 82,194             | 1,098,254          | 24,358,262         | 20,728,344         | 120,516,797          | 465,938,118          | -                    | 632,721,970           |
| 23           | Manufacture of other non-metallic mineral products  | 14,588,241         | 34,108,308         | 28,670,941         | 37,361,065         | 30,499,526           | 555,903,956          | 106,792,018          | 807,924,053           |
| 24           | Manufacture of basic metals   | 12,758             | 96,203             | 8,794,163          | 1,593,420          | 35,710,600           | 71,550,626           | 53,158,431           | 170,916,201           |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 35,873,093         | 27,657,363         | 12,962,938         | 11,008,311         | 38,009,922           | 53,935,533           | -                    | 179,447,160           |
| 26           | Manufacture of computer, electronic and optical products  | -                  | 96,826             | -                  | -                  | -                    | 36,455,945           | -                    | 36,552,771            |
| 27           | Manufacture of electrical equipment   | 1,276,040          | 2,732,137          | 170,562            | 13,858,894         | 37,531,146           | 51,406,732           | -                    | 106,975,511           |
| 28           | Manufacture of machinery and equipment n.e.c.   | 903,022            | 2,750,359          | 3,712,893          | 3,968,769          | 2,711,197            | -                    | -                    | 14,046,240            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 197,085            | 1,049,141          | 44,166             | 14,907,211         | 10,709,266           | 8,108,459            | 5,087,094            | 40,102,422            |
| 30           | Manufacture of other transport equipment  | 382,203            | 204,160            | -                  | 1,060,712          | -                    | 59,419,319           | -                    | 61,066,395            |
| 31           | Manufacture of furniture  | 46,156,213         | 37,415,194         | 4,970,521          | 6,834,935          | 59,543,818           | 297,696,269          | -                    | 452,616,950           |
| 32           | Other manufacturing   | 1,962,754          | 2,529,826          | 514,557            | 4,152,561          | 52,191,071           | 13,442,705           | -                    | 74,793,473            |
| 33           | Repair and installation of machinery and equipment  | 188,712            | 450,011            | 667,379            | -                  | 1,984,951            | 32,293,201           | -                    | 35,584,254            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>350,944,984</b> | <b>265,905,486</b> | <b>282,151,858</b> | <b>424,471,724</b> | <b>952,925,517</b>   | <b>4,253,653,338</b> | <b>4,406,742,386</b> | <b>10,936,795,293</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 1,223,883          | 366,201            | -                  | 24,291,967         | 176,454,749          | 738,657,974          | 812,887,876          | 1,753,882,651         |
|              | <b>Electricity, Gas, Steam and air Conditioning supply</b>  | <b>1,223,883</b>   | <b>366,201</b>     | <b>-</b>           | <b>24,291,967</b>  | <b>176,454,749</b>   | <b>738,657,974</b>   | <b>812,887,876</b>   | <b>1,753,882,651</b>  |
| 36           | Water collection, treatment and supply  | 910,165            | 1,804,106          | 13,407,894         | 12,840,422         | 50,947,546           | 44,031,615           | -                    | 123,941,749           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 169,334            | 65,143             | -                  | 3,168,160          | 3,085,889            | -                    | -                    | 6,488,526             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities Total</b>  | <b>1,079,499</b>   | <b>1,869,249</b>   | <b>13,407,894</b>  | <b>16,008,582</b>  | <b>54,033,435</b>    | <b>44,031,615</b>    | <b>-</b>             | <b>130,430,275</b>    |
| <b>Total</b> |   | <b>354,230,848</b> | <b>274,507,637</b> | <b>330,422,614</b> | <b>539,933,202</b> | <b>1,206,578,010</b> | <b>5,436,458,370</b> | <b>8,668,814,973</b> | <b>16,810,945,653</b> |

**Table 48: Total Intermediate Consumption in Industry by Employment Size, Tanzania Mainland, CIP-2013**



(TZS 000)

| ISIC Rev.4   | Industrial Activity  | Employment Size    |                    |                    |                    |                    |                      |                      | Total                |
|--------------|--|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|----------------------|----------------------|
|              |  | 1-4                | 5-9                | 10-19              | 20-49              | 50-99              | 100-499              | 500+                 |                      |
|              | 05 Mining of coal and lignite  | -                  | -                  | -                  | -                  | 1,697,844          | -                    | -                    | 1,697,844            |
|              | 07 Mining of metal ores  | 19,177             | 542,514            | 5,427,552          | 3,807,262          | 335,836            | 191,344,296          | 750,186,667          | 951,663,305          |
|              | 08 Other mining and quarrying  | 187,844            | 1,723,333          | 7,733,512          | 25,158,772         | 7,988,674          | 18,700,725           | 54,591,287           | 116,084,146          |
| <b>B</b>     | <b>Mining and Quarrying</b>  | <b>207,021</b>     | <b>2,265,847</b>   | <b>13,161,064</b>  | <b>28,966,035</b>  | <b>10,022,353</b>  | <b>210,045,021</b>   | <b>804,777,954</b>   | <b>1,069,445,295</b> |
|              | 10 Manufacture of food products  | 62,278,177         | 67,478,518         | 60,572,831         | 103,570,399        | 194,364,518        | 350,002,233          | 1,484,344,747        | 2,322,611,423        |
|              | 11 Manufacture of beverages  | 170,783            | 600,139            | 1,008,656          | 10,130,810         | 57,437,827         | 539,684,085          | 115,567,778          | 724,600,078          |
|              | 12 Manufacture of tobacco products   | 5,232              | 27,350             | -                  | -                  | -                  | 4,891,010            | 240,844,798          | 245,768,390          |
|              | 13 Manufacture of textiles   | 1,902,031          | 433,018            | 2,157,821          | 3,371,852          | 21,880,535         | 64,385,957           | 149,060,891          | 243,192,105          |
|              | 14 Manufacture of wearing apparel  | 18,932,597         | 3,603,385          | 270,210            | 724,595            | 170,053            | 5,328,169            | 8,076,839            | 37,105,847           |
|              | 15 Manufacture of leather and related products   | 534,913            | 451,320            | 713,956            | 8,275,598          | 18,471,612         | 13,615,474           | -                    | 42,062,873           |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 5,818,518          | 6,458,554          | 5,723,189          | 6,757,523          | 2,121,117          | 2,986,855            | 38,925,210           | 68,790,966           |
|              | 17 Manufacture of paper and paper products   | 14,904             | 69,234             | 97,049             | 8,068,320          | 11,414,469         | 16,470,645           | 44,333,179           | 80,467,800           |
|              | 18 Printing and reproduction of recorded media   | 1,024,418          | 2,293,289          | 3,108,323          | 23,820,680         | 23,026,096         | 58,102,324           | -                    | 111,375,129          |
|              | 19 Manufacture of coke and refined petroleum products  | -                  | -                  | -                  | 731,349            | 17,219,293         | 37,041,492           | -                    | 54,992,134           |
|              | 20 Manufacture of chemicals and chemical products  | 314,175            | 396,680            | 7,079,598          | 3,305,835          | 26,505,030         | 226,089,278          | 119,272,366          | 382,962,962          |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -                  | 9,586              | 1,148,484          | -                  | 2,579,613          | 36,861,652           | -                    | 40,599,335           |
|              | 22 Manufacture of rubber and plastics products   | 32,322             | 557,340            | 15,684,548         | 11,688,098         | 46,543,136         | 371,582,608          | -                    | 446,088,051          |
|              | 23 Manufacture of other non-metallic mineral products  | 5,894,915          | 17,668,386         | 12,970,501         | 23,478,861         | 20,258,857         | 357,663,604          | 37,870,310           | 475,805,433          |
|              | 24 Manufacture of basic metals   | 5,705              | 42,728             | 3,989,534          | 1,169,833          | 29,488,506         | 58,287,565           | 45,282,369           | 138,266,241          |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 15,595,795         | 11,574,983         | 8,798,265          | 8,421,045          | 23,016,522         | 39,477,371           | -                    | 106,883,982          |
|              | 26 Manufacture of computer, electronic and optical products  | -                  | 67,828             | -                  | -                  | -                  | 5,488,488            | -                    | 5,556,316            |
|              | 27 Manufacture of electrical equipment   | 353,386            | 1,084,246          | 86,287             | 9,162,778          | 27,286,249         | 44,116,577           | -                    | 82,089,524           |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 402,223            | 1,077,782          | 2,658,695          | 3,226,074          | 260,231            | -                    | -                    | 7,625,005            |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 77,301             | 479,369            | 23,000             | 7,792,271          | 8,756,784          | 5,259,008            | 802,984              | 23,190,718           |
|              | 30 Manufacture of other transport equipment  | 209,209            | 112,023            | -                  | 972,886            | -                  | 45,623,760           | -                    | 46,917,879           |
|              | 31 Manufacture of furniture  | 16,011,168         | 14,992,718         | 2,618,548          | 4,878,002          | 49,641,585         | 204,491,327          | -                    | 292,633,348          |
|              | 32 Other manufacturing   | 878,073            | 1,423,239          | 134,519            | 2,568,218          | 34,003,677         | 6,911,558            | -                    | 45,919,283           |
|              | 33 Repair and installation of machinery and equipment  | 86,081             | 131,395            | 508,186            | -                  | 1,620,061          | 953,102              | -                    | 3,298,825            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>130,541,928</b> | <b>131,033,109</b> | <b>129,352,199</b> | <b>242,115,027</b> | <b>616,065,771</b> | <b>2,495,314,141</b> | <b>2,284,381,471</b> | <b>6,028,803,646</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 597,639            | 172,206            | -                  | 21,234,186         | 72,710,676         | 637,715,430          | 709,722,297          | 1,442,152,434        |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>   | <b>597,639</b>     | <b>172,206</b>     | <b>-</b>           | <b>21,234,186</b>  | <b>72,710,676</b>  | <b>637,715,430</b>   | <b>709,722,297</b>   | <b>1,442,152,434</b> |
|              | 36 Water collection, treatment and supply  | 257,522            | 653,711            | 8,632,496          | 6,644,493          | 14,411,073         | 15,695,618           | -                    | 46,294,914           |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | 93,849             | 34,935             | -                  | 1,223,687          | 2,336,658          | -                    | -                    | 3,689,130            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>351,371</b>     | <b>688,647</b>     | <b>8,632,496</b>   | <b>7,868,181</b>   | <b>16,747,731</b>  | <b>15,695,618</b>    | <b>-</b>             | <b>49,984,044</b>    |
| <b>Total</b> |  | <b>131,697,960</b> | <b>134,159,808</b> | <b>151,145,759</b> | <b>300,183,428</b> | <b>715,546,531</b> | <b>3,358,770,209</b> | <b>3,798,881,722</b> | <b>8,590,385,417</b> |



**Table 49: Value Added in Industry by Employment Size, Tanzania Mainland, CIP-2013**

(TZS 000)

| ISIC Rev.4   | Industrial Activity  | Employment Size    |                    |                    |                    |                    |                      |                      | Total                |
|--------------|--|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|----------------------|----------------------|
|              |  | 1-4                | 5-9                | 10-19              | 20-49              | 50-99              | 100-499              | 500+                 |                      |
|              | 05 Mining of coal and lignite  | -                  | -                  | -                  | -                  | 392,949            | -                    | -                    | 392,949              |
|              | 07 Mining of metal ores  | 76,648             | 929,219            | 8,049,048          | 3,166,165          | 1,966,012          | 171,467,505          | 2,611,625,934        | 2,797,280,530        |
|              | 08 Other mining and quarrying  | 698,812            | 3,171,636          | 13,652,750         | 43,028,729         | 10,782,995         | 18,602,916           | 32,780,823           | 122,718,661          |
| <b>B</b>     | <b>Mining and Quarrying</b>  | <b>775,460</b>     | <b>4,100,854</b>   | <b>21,701,798</b>  | <b>46,194,894</b>  | <b>13,141,955</b>  | <b>190,070,421</b>   | <b>2,644,406,757</b> | <b>2,920,392,140</b> |
|              | 10 Manufacture of food products  | 98,509,767         | 49,787,209         | 63,488,755         | 99,145,448         | 72,905,619         | 276,635,006          | 1,248,045,740        | 1,908,517,544        |
|              | 11 Manufacture of beverages  | 151,159            | 899,530            | 932,876            | 5,943,589          | 77,493,491         | 765,894,932          | 168,994,820          | 1,020,310,397        |
|              | 12 Manufacture of tobacco products   | 17,776             | 53,402             | -                  | -                  | -                  | 539,695              | 409,327,392          | 409,938,265          |
|              | 13 Manufacture of textiles   | 3,264,395          | 484,483            | 965,647            | 15,567,001         | 6,543,306          | 36,902,928           | 103,753,978          | 167,481,738          |
|              | 14 Manufacture of wearing apparel  | 44,845,349         | 9,343,272          | 576,682            | 1,568,817          | 367,648            | 654,773              | 6,881,590            | 64,238,133           |
|              | 15 Manufacture of leather and related products   | 899,701            | 539,361            | 523,060            | 2,331,732          | 5,165,949          | 5,944,730            | -                    | 15,404,533           |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 9,262,847          | 9,602,216          | 36,216,148         | 2,935,881          | 4,397,570          | 1,485,722            | 22,872,040           | 86,772,424           |
|              | 17 Manufacture of paper and paper products   | 32,113             | 68,928             | 82,773             | 1,065,706          | 3,090,735          | 5,104,254            | 6,975,608            | 16,420,118           |
|              | 18 Printing and reproduction of recorded media   | 1,146,462          | 2,343,599          | 1,997,467          | 10,107,417         | 6,990,215          | 50,379,824           | -                    | 72,964,983           |
|              | 19 Manufacture of coke and refined petroleum products  | -                  | -                  | -                  | 149,645            | 526,859            | 14,383,260           | -                    | 15,059,764           |
|              | 20 Manufacture of chemicals and chemical products  | 197,351            | 761,516            | 9,891,731          | 1,425,304          | 9,505,243          | 76,608,565           | 74,427,866           | 172,817,576          |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -                  | 13,116             | 730,223            | -                  | 1,340,426          | 17,509,612           | -                    | 19,593,376           |
|              | 22 Manufacture of rubber and plastics products   | 49,872             | 540,914            | 8,673,714          | 9,040,247          | 73,973,661         | 94,355,511           | -                    | 186,633,919          |
|              | 23 Manufacture of other non-metallic mineral products  | 8,693,326          | 16,439,922         | 15,700,440         | 13,882,204         | 10,240,669         | 198,240,352          | 68,921,708           | 332,118,619          |
|              | 24 Manufacture of basic metals   | 7,053              | 53,475             | 4,804,629          | 423,587            | 6,222,094          | 13,263,061           | 7,876,063            | 32,649,961           |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 20,277,298         | 16,082,380         | 4,164,673          | 2,587,266          | 14,993,400         | 14,458,162           | -                    | 72,563,178           |
|              | 26 Manufacture of computer, electronic and optical products  | -                  | 28,998             | -                  | -                  | -                  | 30,967,457           | -                    | 30,996,455           |
|              | 27 Manufacture of electrical equipment   | 922,654            | 1,647,890          | 84,274             | 4,696,116          | 10,244,897         | 7,290,155            | -                    | 24,885,987           |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 500,799            | 1,672,577          | 1,054,198          | 742,695            | 2,450,966          | -                    | -                    | 6,421,235            |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 119,783            | 569,772            | 21,166             | 7,114,940          | 1,952,482          | 2,849,451            | 4,284,110            | 16,911,704           |
|              | 30 Manufacture of other transport equipment  | 172,994            | 92,136             | -                  | 87,826             | -                  | 13,795,559           | -                    | 14,148,515           |
|              | 31 Manufacture of furniture  | 30,145,045         | 22,422,477         | 2,351,973          | 1,956,933          | 9,902,233          | 93,204,942           | -                    | 159,983,602          |
|              | 32 Other manufacturing   | 1,084,681          | 1,106,587          | 380,038            | 1,584,343          | 18,187,394         | 6,531,148            | -                    | 28,874,190           |
|              | 33 Repair and installation of machinery and equipment  | 102,631            | 318,616            | 159,193            | -                  | 364,890            | 31,340,099           | -                    | 32,285,430           |
| <b>C</b>     | <b>Manufacturing</b>   | <b>220,403,056</b> | <b>134,872,376</b> | <b>152,799,659</b> | <b>182,356,697</b> | <b>336,859,746</b> | <b>1,758,339,198</b> | <b>2,122,360,915</b> | <b>4,907,991,647</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 626,244            | 193,995            | -                  | 3,057,782          | 103,744,074        | 100,942,545          | 103,165,579          | 311,730,218          |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>   | <b>626,244</b>     | <b>193,995</b>     | <b>-</b>           | <b>3,057,782</b>   | <b>103,744,074</b> | <b>100,942,545</b>   | <b>103,165,579</b>   | <b>311,730,218</b>   |
|              | 36 Water collection, treatment and supply  | 652,643            | 1,150,395          | 4,775,398          | 6,195,929          | 36,536,473         | 28,335,997           | -                    | 77,646,835           |
|              | 38 Waste collection, treatment and disposal activities   | 75,485             | 30,207             | -                  | 1,944,472          | 749,231            | -                    | -                    | 2,799,396            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>728,128</b>     | <b>1,180,602</b>   | <b>4,775,398</b>   | <b>8,140,401</b>   | <b>37,285,704</b>  | <b>28,335,997</b>    | <b>-</b>             | <b>80,446,231</b>    |
| <b>Total</b> |  | <b>222,532,888</b> | <b>140,347,828</b> | <b>179,276,856</b> | <b>239,749,774</b> | <b>491,031,479</b> | <b>2,077,688,160</b> | <b>4,869,933,251</b> | <b>8,220,560,235</b> |



**Table 50: Value of Energy Consumed by Industrial Activity and Type, Tanzania Mainland, CIP-2013**

(TZS 000)

| ISIC Rev.4   | Industrial Activity   | Electricity        | Water             | Gas               | Fuels for Machines and Vehicles | Wood, Charcoal and Peat | Other             | Total                |
|--------------|---|--------------------|-------------------|-------------------|---------------------------------|-------------------------|-------------------|----------------------|
| 05           | Mining of coal and lignite  | 4,770              | 617               | 445               | 1,053,110                       | -                       | -                 | 1,058,943            |
| 07           | Mining of metal ores  | 101,785,611        | 102,522           | -                 | 664,837,770                     | 16,173                  | 2,468             | 766,744,544          |
| 08           | Other mining and quarrying  | 8,827,653          | 1,760,588         | 143,878           | 15,893,786                      | 794,837                 | 4,102,861         | 31,523,603           |
| <b>B</b>     | <b>Mining &amp; Quarrying</b>   | <b>110,618,033</b> | <b>1,863,727</b>  | <b>144,324</b>    | <b>681,784,667</b>              | <b>811,010</b>          | <b>4,105,329</b>  | <b>799,327,090</b>   |
| 10           | Manufacture of food products  | 62,462,948         | 8,813,529         | 2,044,971         | 83,509,701                      | 2,627,152               | 1,746,975         | 161,205,276          |
| 11           | Manufacture of beverages  | 12,361,889         | 1,500,962         | 2,801,446         | 30,359,399                      | 64,811                  | 1,206,030         | 48,294,537           |
| 12           | Manufacture of tobacco products   | 3,637,083          | 116,319           | 1,918,282         | 7,767,203                       | -                       | -                 | 13,438,887           |
| 13           | Manufacture of textiles   | 26,846,367         | 881,257           | 411,459           | 7,405,298                       | 883,019                 | 3,178,067         | 39,605,467           |
| 14           | Manufacture of wearing apparel  | 280,157            | 32,872            | -                 | 343,897                         | 470                     | 831               | 658,228              |
| 15           | Manufacture of leather and related products   | 1,596,030          | 69,295            | 142,870           | 313,786                         | -                       | 100               | 2,122,081            |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 1,236,773          | 43,933            | 302               | 2,560,397                       | 12                      | -                 | 3,841,417            |
| 17           | Manufacture of paper and paper products   | 3,334,515          | 29,522            | 101,100           | 10,218,600                      | 4,775,763               | -                 | 18,459,500           |
| 18           | Printing and reproduction of recorded media   | 2,373,659          | 171,420           | 1,434             | 1,955,266                       | 1,071                   | 52,778            | 4,555,629            |
| 19           | Manufacture of coke and refined petroleum products  | 5,937,671          | 9,481             | -                 | 473,864                         | 10,806                  | 50,298            | 6,482,120            |
| 20           | Manufacture of chemicals and chemical products  | 12,223,767         | 1,993,679         | 3,908,918         | 9,570,973                       | 929,841                 | -                 | 28,627,179           |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 1,046,528          | 32,860            | -                 | 687,412                         | -                       | -                 | 1,766,800            |
| 22           | Manufacture of rubber and plastics products   | 13,665,011         | 576,281           | 311,550           | 3,175,978                       | -                       | 91,135            | 17,819,955           |
| 23           | Manufacture of other non-metallic mineral products  | 44,498,296         | 1,249,365         | 40,666,800        | 21,176,737                      | 26,801,734              | 3,188,089         | 137,581,023          |
| 24           | Manufacture of basic metals   | 18,298,544         | 554,455           | 721,994           | 4,348,513                       | 160                     | 12,411            | 23,936,076           |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 2,821,976          | 75,613            | 435,823           | 686,100                         | -                       | -                 | 4,019,512            |
| 26           | Manufacture of computer, electronic and optical products  | 312,168            | 5,003             | -                 | 36,740                          | 24,513                  | -                 | 378,423              |
| 27           | Manufacture of electrical equipment   | 1,906,824          | 91,243            | 1,026             | 536,777                         | -                       | -                 | 2,535,869            |
| 28           | Manufacture of machinery and equipment n.e.c.   | 88,683             | 36,653            | 1,466             | 419,859                         | -                       | -                 | 546,661              |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 572,677            | 42,031            | 32,663            | 329,089                         | -                       | 60,532            | 1,036,993            |
| 30           | Manufacture of other transport equipment  | 597,243            | 960               | 3,502             | 1,907                           | -                       | -                 | 603,611              |
| 31           | Manufacture of furniture  | 6,865,180          | 56,204            | 192               | 1,572,919                       | 15,246                  | 11,474            | 8,521,215            |
| 32           | Other manufacturing   | 504,042            | 43,218            | 195,835           | 503,276                         | -                       | -                 | 1,246,370            |
| 33           | Repair and installation of machinery and equipment  | 117,645            | 6,614             | 613               | 37,667                          | -                       | -                 | 162,539              |
| <b>C</b>     | <b>Manufacturing</b>  | <b>223,585,675</b> | <b>16,432,768</b> | <b>53,702,247</b> | <b>187,991,359</b>              | <b>36,134,598</b>       | <b>9,598,720</b>  | <b>527,445,368</b>   |
| 35           | Electricity, gas, steam and air conditioning supply   | 51,386,739         | 5,260             | 1,515             | 101,399,976                     | -                       | -                 | 152,793,489          |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>  | <b>51,386,739</b>  | <b>5,260</b>      | <b>1,515</b>      | <b>101,399,976</b>              | -                       | -                 | <b>152,793,489</b>   |
| 36           | Water collection, treatment and supply  | 11,170,402         | 1,639,733         | -                 | 2,225,749                       | -                       | 12,794            | 15,048,678           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 262,582            | 19,356            | -                 | 408,686                         | 195,327                 | -                 | 885,951              |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>11,432,984</b>  | <b>1,659,089</b>  | -                 | <b>2,634,435</b>                | <b>195,327</b>          | <b>12,794</b>     | <b>15,934,628</b>    |
| <b>Total</b> |   | <b>397,023,431</b> | <b>19,960,844</b> | <b>53,848,086</b> | <b>973,810,436</b>              | <b>37,140,935</b>       | <b>13,716,843</b> | <b>1,495,500,575</b> |



**Table 51: Frequency Distribution for Establishments Membership, Tanzania Mainland, CIP-2013**

(Number)

| ISIC Rev. 4  | Industrial Activity   | CTI        | TCCIA      | ATE        | DSE       | TCME      | Other      | Total        |
|--------------|---|------------|------------|------------|-----------|-----------|------------|--------------|
| 05           | Mining of coal and lignite  | 0          | 0          | 0          | 0         | 0         | 0          | 0            |
| 07           | Mining of metal ores  | 4          | 3          | 6          | 3         | 15        | 2          | 33           |
| 08           | Other mining and quarrying  | 10         | 12         | 6          | 1         | 18        | 122        | 169          |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>14</b>  | <b>15</b>  | <b>12</b>  | <b>4</b>  | <b>33</b> | <b>124</b> | <b>202</b>   |
| 10           | Manufacture of food products  | 69         | 112        | 46         | 5         | 4         | 45         | 281          |
| 11           | Manufacture of beverages  | 27         | 17         | 18         | 5         | 1         | 2          | 70           |
| 12           | Manufacture of tobacco products   | 2          | 2          | 4          | 1         | 0         | 0          | 9            |
| 13           | Manufacture of textiles   | 13         | 9          | 7          | 1         | 1         | 3          | 34           |
| 14           | Manufacture of wearing apparel  | 0          | 2          | 3          | 0         | 0         | 1          | 6            |
| 15           | Manufacture of leather and related products   | 6          | 5          | 2          | 1         | 0         | 2          | 16           |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 9          | 6          | 5          | 1         | 0         | 10         | 31           |
| 17           | Manufacture of paper and paper products   | 9          | 2          | 5          | 0         | 0         | 1          | 17           |
| 18           | Printing and reproduction of recorded media   | 20         | 13         | 13         | 1         | 0         | 4          | 51           |
| 19           | Manufacture of coke and refined petroleum products  | 2          | 1          | 1          | 0         | 0         | 1          | 5            |
| 20           | Manufacture of chemicals and chemical products  | 17         | 10         | 12         | 1         | 0         | 1          | 41           |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 4          | 1          | 3          | 0         | 0         | 2          | 10           |
| 22           | Manufacture of rubber and plastics products   | 26         | 10         | 14         | 1         | 0         | 1          | 52           |
| 23           | Manufacture of other non-metallic mineral products  | 20         | 12         | 11         | 4         | 3         | 3          | 53           |
| 24           | Manufacture of basic metals   | 10         | 5          | 4          | 1         | 0         | 1          | 21           |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 13         | 7          | 7          | 1         | 1         | 3          | 32           |
| 26           | Manufacture of computer, electronic and optical products  | 1          | 0          | 1          | 0         | 0         | 0          | 2            |
| 27           | Manufacture of electrical equipment   | 7          | 2          | 4          | 0         | 0         | 0          | 13           |
| 28           | Manufacture of machinery and equipment n.e.c.   | 4          | 6          | 2          | 0         | 0         | 0          | 12           |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 3          | 0          | 4          | 0         | 0         | 0          | 7            |
| 30           | Manufacture of other transport equipment  | 2          | 0          | 1          | 0         | 0         | 0          | 3            |
| 31           | Manufacture of furniture  | 13         | 13         | 10         | 1         | 1         | 4          | 42           |
| 32           | Other manufacturing   | 6          | 3          | 5          | 0         | 0         | 1          | 15           |
| 33           | Repair and installation of machinery and equipment  | 1          | 1          | 1          | 0         | 0         | 0          | 3            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>284</b> | <b>239</b> | <b>183</b> | <b>24</b> | <b>11</b> | <b>85</b>  | <b>826</b>   |
| 35           | Electricity, gas, steam and air conditioning supply   | 8          | 9          | 6          | 1         | 2         | 2          | 28           |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>  | <b>8</b>   | <b>9</b>   | <b>6</b>   | <b>1</b>  | <b>2</b>  | <b>2</b>   | <b>28</b>    |
| 36           | Water collection, treatment and supply  | 0          | 3          | 9          | 0         | 2         | 36         | 50           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 0          | 1          | 0          | 0         | 0         | 0          | 1            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>0</b>   | <b>4</b>   | <b>9</b>   | <b>0</b>  | <b>2</b>  | <b>36</b>  | <b>51</b>    |
| <b>Total</b> |   | <b>306</b> | <b>267</b> | <b>210</b> | <b>29</b> | <b>48</b> | <b>247</b> | <b>1,107</b> |



**Table 52: Frequency Distribution for Awareness of Services/Functions Provided by Institutions, Tanzania Mainland, CIP-2013**

(Number)

| ISIC Rev. 4 Industrial Activity  | CTI        | ATE        | TCCIA      | DSE        | TCME       | Other      | Total        |
|--|------------|------------|------------|------------|------------|------------|--------------|
| 05 Mining of coal and lignite  | 0          | 0          | 0          | 0          | 1          | 0          | 1            |
| 07 Mining of metal ores  | 8          | 7          | 11         | 9          | 22         | 4          | 61           |
| 08 Other mining and quarrying  | 31         | 23         | 45         | 30         | 68         | 131        | 328          |
| <b>B Mining and Quarrying</b>  | <b>39</b>  | <b>30</b>  | <b>56</b>  | <b>39</b>  | <b>91</b>  | <b>135</b> | <b>390</b>   |
| 10 Manufacture of food products  | 129        | 161        | 171        | 71         | 27         | 52         | 611          |
| 11 Manufacture of beverages  | 39         | 34         | 37         | 21         | 6          | 2          | 139          |
| 12 Manufacture of tobacco products   | 3          | 4          | 4          | 4          | 3          | 1          | 19           |
| 13 Manufacture of textiles   | 19         | 14         | 16         | 9          | 6          | 3          | 67           |
| 14 Manufacture of wearing apparel  | 1          | 5          | 5          | 2          | 2          | 1          | 16           |
| 15 Manufacture of leather and related products   | 11         | 11         | 10         | 6          | 1          | 2          | 41           |
| 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 23         | 19         | 23         | 14         | 7          | 12         | 98           |
| 17 Manufacture of paper and paper products   | 9          | 7          | 9          | 4          | 4          | 2          | 35           |
| 18 Printing and reproduction of recorded media   | 35         | 34         | 34         | 22         | 13         | 5          | 143          |
| 19 Manufacture of coke and refined petroleum products  | 2          | 2          | 2          | 1          | 1          | 1          | 9            |
| 20 Manufacture of chemicals and chemical products  | 22         | 20         | 19         | 12         | 8          | 4          | 85           |
| 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 5          | 2          | 4          | 3          | 2          | 2          | 18           |
| 22 Manufacture of rubber and plastics products   | 35         | 28         | 29         | 18         | 14         | 4          | 128          |
| 23 Manufacture of other non-metallic mineral products  | 37         | 25         | 27         | 21         | 13         | 7          | 130          |
| 24 Manufacture of basic metals   | 12         | 10         | 9          | 3          | 1          | 1          | 36           |
| 25 Manufacture of fabricated metal products, except machinery and equipment  | 30         | 28         | 27         | 20         | 16         | 6          | 127          |
| 26 Manufacture of computer, electronic and optical products  | 1          | 1          | 1          | 1          | 0          | 0          | 4            |
| 27 Manufacture of electrical equipment   | 8          | 5          | 5          | 2          | 1          | 0          | 21           |
| 28 Manufacture of machinery and equipment n.e.c.   | 6          | 6          | 8          | 5          | 1          | 0          | 26           |
| 29 Manufacture of motor vehicles, trailers and semi-trailers   | 8          | 7          | 8          | 4          | 4          | 0          | 31           |
| 30 Manufacture of other transport equipment  | 2          | 1          | 1          | 1          | 1          | 0          | 6            |
| 31 Manufacture of furniture  | 25         | 25         | 27         | 16         | 6          | 6          | 105          |
| 32 Other manufacturing   | 11         | 9          | 10         | 6          | 4          | 2          | 42           |
| 33 Repair and installation of machinery and equipment  | 3          | 3          | 2          | 1          | 1          | 0          | 10           |
| <b>C Manufacturing</b>   | <b>476</b> | <b>461</b> | <b>488</b> | <b>267</b> | <b>142</b> | <b>113</b> | <b>1,947</b> |
| 35 Electricity, gas, steam and air conditioning supply   | 7          | 10         | 14         | 6          | 3          | 3          | 43           |
| <b>D Electricity, Gas, Steam and air Conditioning supply</b>   | <b>7</b>   | <b>10</b>  | <b>14</b>  | <b>6</b>   | <b>3</b>   | <b>3</b>   | <b>43</b>    |
| 36 Water collection, treatment and supply  | 17         | 26         | 30         | 18         | 18         | 36         | 145          |
| 38 Waste collection, treatment and disposal activities; materials recovery   | 2          | 1          | 2          | 1          | 1          | 1          | 8            |
| <b>E Water supply; sewerage, waste management and remediation activities</b>   | <b>19</b>  | <b>27</b>  | <b>32</b>  | <b>19</b>  | <b>19</b>  | <b>37</b>  | <b>153</b>   |
| <b>Total</b>   | <b>541</b> | <b>528</b> | <b>590</b> | <b>331</b> | <b>255</b> | <b>288</b> | <b>2,533</b> |



**Table 53: Frequency Distribution for Establishments Registration, Tanzania Mainland, CIP-2013**

| ISIC Rev. 4  | Industrial Activity  | Does the establishment have any License?<br>(10+) |            | Does the establishment have any License? (1-9) |              |
|--------------|--|---|------------|--|--------------|
|              |  | Yes   | No         | Yes  | No           |
|              | 05 Mining of coal and lignite  | 1   | -          | -  | -            |
|              | 07 Mining of metal ores  | 23  | 10         | 2  | 10           |
|              | 08 Other mining and quarrying  | 154   | 5          | 68   | 96           |
| <b>B</b>     | <b>Mining and Quarrying</b>  | <b>178</b>  | <b>15</b>  | <b>70</b>                                      | <b>106</b>   |
|              | 10 Manufacture of food products  | 243   | 21         | 1,266  | 1,401        |
|              | 11 Manufacture of beverages  | 46  | 1          | 15   | 12           |
|              | 12 Manufacture of tobacco products   | 4   | -          | -  | 7            |
|              | 13 Manufacture of textiles   | 25  | 2          | 62   | 309          |
|              | 14 Manufacture of wearing apparel  | 8   | 5          | 319  | 1,535        |
|              | 15 Manufacture of leather and related products   | 13  | 2          | 32   | 122          |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 43  | 7          | 513  | 868          |
|              | 17 Manufacture of paper and paper products   | 12  | -          | 3  | 2            |
|              | 18 Printing and reproduction of recorded media   | 45  | 1          | 82   | 29           |
|              | 19 Manufacture of coke and refined petroleum products  | 3   | -          | -  | -            |
|              | 20 Manufacture of chemicals and chemical products  | 32  | 4          | 23   | 21           |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 5   | -          | 1  | 1            |
|              | 22 Manufacture of rubber and plastics products   | 41  | -          | 4  | 14           |
|              | 23 Manufacture of other non-metallic mineral products  | 56  | 17         | 205  | 358          |
|              | 24 Manufacture of basic metals   | 13  | -          | 1  | 4            |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 37  | 9          | 385  | 1,226        |
|              | 26 Manufacture of computer, electronic and optical products  | 1   | -          | 1  | -            |
|              | 27 Manufacture of electrical equipment   | 8   | 1          | 25   | 199          |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 8   | 5          | 43   | 33           |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 10  | 1          | 11   | 10           |
|              | 30 Manufacture of other transport equipment  | 2   | -          | 7  | 30           |
|              | 31 Manufacture of furniture  | 38  | 19         | 351  | 1,630        |
|              | 32 Other manufacturing   | 13  | -          | 79   | 72           |
|              | 33 Repair and installation of machinery and equipment  | 4   | -          | 9  | 9            |
| <b>C</b>     | <b>Manufacturing</b>   | <b>710</b>  | <b>95</b>  | <b>3,437</b>                                   | <b>7,892</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 18  | 8          | 16   | 95           |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>   | <b>18</b>   | <b>8</b>   | <b>16</b>                                      | <b>95</b>    |
|              | 36 Water collection, treatment and supply  | 55  | 21         | 20   | 107          |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | 3   | -          | 2  | -            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>58</b>   | <b>21</b>  | <b>22</b>                                      | <b>107</b>   |
| <b>Total</b> |  | <b>964</b>  | <b>139</b> | <b>3,545</b>                                   | <b>8,200</b> |



**Table 54(a): Frequency Distribution of Reasons for Establishment Not Registered, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev. 4  | Industrial Activity  | Financial Problems | Complicated Bureaucratic Procedures | Too Small Business | Does not see the need | Other     |
|--------------|--|--------------------|-------------------------------------|--------------------|-----------------------|-----------|
|              | 05 Mining of coal and lignite  | -                  | -                                   | -                  | -                     | -         |
|              | 07 Mining of metal ores  | 8                  | 7                                   | 8                  | 1                     | 1         |
|              | 08 Other mining and quarrying  | 3                  | -                                   | 1                  | 2                     | 1         |
| <b>B</b>     | <b>Mining and Quarrying</b>  | <b>11</b>          | <b>7</b>                            | <b>9</b>           | <b>3</b>              | <b>2</b>  |
|              | 10 Manufacture of food products  | 6                  | 9                                   | 2                  | 1                     | 6         |
|              | 11 Manufacture of beverages  | -                  | -                                   | 1                  | -                     | -         |
|              | 12 Manufacture of tobacco products   | -                  | -                                   | -                  | -                     | -         |
|              | 13 Manufacture of textiles   | 1                  | 1                                   | 1                  | -                     | -         |
|              | 14 Manufacture of wearing apparel  | 3                  | 3                                   | 3                  | -                     | 1         |
|              | 15 Manufacture of leather and related products   | -                  | 1                                   | -                  | 1                     | -         |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 1                  | 3                                   | 1                  | -                     | 2         |
|              | 17 Manufacture of paper and paper products   | -                  | -                                   | -                  | -                     | -         |
|              | 18 Printing and reproduction of recorded media   | 1                  | 1                                   | -                  | -                     | -         |
|              | 19 Manufacture of coke and refined petroleum products  | -                  | -                                   | -                  | -                     | -         |
|              | 20 Manufacture of chemicals and chemical products  | 1                  | 2                                   | 2                  | 1                     | 1         |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -                  | -                                   | -                  | -                     | -         |
|              | 22 Manufacture of rubber and plastics products   | -                  | -                                   | -                  | -                     | -         |
|              | 23 Manufacture of other non-metallic mineral products  | 4                  | 6                                   | 5                  | 1                     | 3         |
|              | 24 Manufacture of basic metals   | -                  | -                                   | -                  | -                     | -         |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 2                  | 4                                   | 3                  | 1                     | 2         |
|              | 26 Manufacture of computer, electronic and optical products  | -                  | -                                   | -                  | -                     | -         |
|              | 27 Manufacture of electrical equipment   | -                  | 1                                   | -                  | -                     | -         |
|              | 28 Manufacture of machinery and equipment n.e.c.   | -                  | 2                                   | -                  | -                     | 3         |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | -                  | -                                   | -                  | -                     | 1         |
|              | 30 Manufacture of other transport equipment  | -                  | -                                   | -                  | -                     | -         |
|              | 31 Manufacture of furniture  | 11                 | 9                                   | 10                 | -                     | 2         |
|              | 32 Other manufacturing   | -                  | -                                   | -                  | -                     | -         |
|              | 33 Repair and installation of machinery and equipment  | -                  | -                                   | -                  | -                     | -         |
| <b>C</b>     | <b>Manufacturing</b>   | <b>30</b>          | <b>42</b>                           | <b>28</b>          | <b>5</b>              | <b>21</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 3                  | 4                                   | 2                  | 1                     | -         |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>   | <b>3</b>           | <b>4</b>                            | <b>2</b>           | <b>1</b>              | <b>-</b>  |
|              | 36 Water collection, treatment and supply  | 7                  | 4                                   | 4                  | 2                     | 8         |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | -                  | -                                   | -                  | -                     | -         |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>7</b>           | <b>4</b>                            | <b>4</b>           | <b>2</b>              | <b>8</b>  |
| <b>Total</b> |  | <b>51</b>          | <b>57</b>                           | <b>43</b>          | <b>11</b>             | <b>31</b> |



**Table 54(b): Frequency Distribution of Reasons for Establishment Not Registered, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC Rev. 4  | Industrial Activity   | Financial Problems | Complicated Bureaucratic Procedures | Too Small Business | Does not see the need | Other      |
|--------------|---|--------------------|-------------------------------------|--------------------|-----------------------|------------|
| 05           | Mining of coal and lignite  | -                  | -                                   | -                  | -                     | -          |
| 07           | Mining of metal ores  | 7                  | 3                                   | 5                  | 1                     | 2          |
| 08           | Other mining and quarrying  | 46                 | 17                                  | 58                 | 17                    | 16         |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>53</b>          | <b>20</b>                           | <b>63</b>          | <b>18</b>             | <b>18</b>  |
| 10           | Manufacture of food products  | 775                | 303                                 | 966                | 107                   | 155        |
| 11           | Manufacture of beverages  | 6                  | 2                                   | 9                  | -                     | 3          |
| 12           | Manufacture of tobacco products   | 2                  | 2                                   | 3                  | 1                     | -          |
| 13           | Manufacture of textiles   | 197                | 56                                  | 264                | 20                    | 17         |
| 14           | Manufacture of wearing apparel  | 992                | 231                                 | 1,317              | 98                    | 106        |
| 15           | Manufacture of leather and related products   | 83                 | 29                                  | 98                 | 5                     | 10         |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 500                | 171                                 | 638                | 47                    | 73         |
| 17           | Manufacture of paper and paper products   | 1                  | -                                   | 2                  | -                     | -          |
| 18           | Printing and reproduction of recorded media   | 16                 | 5                                   | 15                 | -                     | 4          |
| 19           | Manufacture of coke and refined petroleum products  | -                  | -                                   | -                  | -                     | -          |
| 20           | Manufacture of chemicals and chemical products  | 16                 | 4                                   | 18                 | 2                     | 2          |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 1                  | -                                   | 1                  | -                     | -          |
| 22           | Manufacture of rubber and plastics products   | 7                  | 5                                   | 9                  | -                     | -          |
| 23           | Manufacture of other non-metallic mineral products  | 160                | 95                                  | 231                | 29                    | 40         |
| 24           | Manufacture of basic metals   | -                  | -                                   | 3                  | -                     | 2          |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 745                | 288                                 | 900                | 82                    | 108        |
| 26           | Manufacture of computer, electronic and optical products  | -                  | -                                   | -                  | -                     | -          |
| 27           | Manufacture of electrical equipment   | 115                | 43                                  | 150                | 19                    | 18         |
| 28           | Manufacture of machinery and equipment n.e.c.   | 17                 | 8                                   | 13                 | 6                     | 8          |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 6                  | 2                                   | 6                  | 1                     | -          |
| 30           | Manufacture of other transport equipment  | 17                 | 4                                   | 24                 | 6                     | 3          |
| 31           | Manufacture of furniture  | 1,056              | 389                                 | 1,272              | 125                   | 127        |
| 32           | Other manufacturing   | 46                 | 20                                  | 38                 | 7                     | 6          |
| 33           | Repair and installation of machinery and equipment  | 5                  | 3                                   | 6                  | 1                     | -          |
| <b>C</b>     | <b>Manufacturing</b>  | <b>4,763</b>       | <b>1,660</b>                        | <b>5,983</b>       | <b>556</b>            | <b>682</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 48                 | 20                                  | 70                 | 10                    | 14         |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>  | <b>48</b>          | <b>20</b>                           | <b>70</b>          | <b>10</b>             | <b>14</b>  |
| 36           | Water collection, treatment and supply  | 36                 | 16                                  | 41                 | 8                     | 35         |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -                  | -                                   | -                  | -                     | -          |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>36</b>          | <b>16</b>                           | <b>41</b>          | <b>8</b>              | <b>35</b>  |
| <b>Total</b> |   | <b>4,900</b>       | <b>1,716</b>                        | <b>6,157</b>       | <b>592</b>            | <b>749</b> |



**Table 55(a): Frequency Distribution of Tenure of Buildings Occupied for Own Business, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev. 4  | Industrial activity  | Wholly Owned |              | Wholly Rented |              | Partly Rented |              |
|--------------|--|--------------|--------------|---------------|--------------|---------------|--------------|
|              |  | Number       | Percent      | Number        | Percent      | Number        | Percent      |
|              | 5 Mining of coal and lignite   | -            | 0.0          | -             | 0.0          | 1             | 0.8          |
|              | 7 Mining of metal ores   | 29           | 4.2          | 1             | 0.4          | 3             | 2.3          |
|              | 8 Other mining and quarrying   | 153          | 22.0         | 5             | 1.8          | 1             | 0.8          |
| <b>B</b>     | <b>Mining and Quarrying</b>  | <b>182</b>   | <b>26.1</b>  | <b>6</b>      | <b>2.2</b>   | <b>5</b>      | <b>3.8</b>   |
|              | 10 Manufacture of food products  | 169          | 24.3         | 66            | 23.8         | 29            | 22.3         |
|              | 11 Manufacture of beverages  | 30           | 4.3          | 13            | 4.7          | 4             | 3.1          |
|              | 12 Manufacture of tobacco products   | 1            | 0.1          | -             | 0.0          | 3             | 2.3          |
|              | 13 Manufacture of textiles   | 19           | 2.7          | 5             | 1.8          | 3             | 2.3          |
|              | 14 Manufacture of wearing apparel  | 4            | 0.6          | 6             | 2.2          | 3             | 2.3          |
|              | 15 Manufacture of leather and related products   | 6            | 0.9          | 9             | 3.2          | -             | 0.0          |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 26           | 3.7          | 18            | 6.5          | 6             | 4.6          |
|              | 17 Manufacture of paper and paper products   | 7            | 1.0          | 3             | 1.1          | 2             | 1.5          |
|              | 18 Printing and reproduction of recorded media   | 20           | 2.9          | 19            | 6.9          | 7             | 5.4          |
|              | 19 Manufacture of coke and refined petroleum products  | 0            | 0.0          | 3             | 1.1          | -             | 0.0          |
|              | 20 Manufacture of chemicals and chemical products  | 20           | 2.9          | 9             | 3.2          | 7             | 5.4          |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 5            | 0.7          | -             | 0.0          | -             | 0.0          |
|              | 22 Manufacture of rubber and plastics products   | 24           | 3.4          | 12            | 4.3          | 5             | 3.8          |
|              | 23 Manufacture of other non-metallic mineral products  | 34           | 4.9          | 29            | 10.5         | 10            | 7.7          |
|              | 24 Manufacture of basic metals   | 10           | 1.4          | 2             | 0.7          | 1             | 0.8          |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 15           | 2.2          | 23            | 8.3          | 8             | 6.2          |
|              | 26 Manufacture of computer, electronic and optical products  | 1            | 0.1          | -             | 0.0          | -             | 0.0          |
|              | 27 Manufacture of electrical equipment   | 5            | 0.7          | 4             | 1.4          | -             | 0.0          |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 8            | 1.1          | 4             | 1.4          | 1             | 0.8          |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 8            | 1.1          | 3             | 1.1          | -             | 0.0          |
|              | 30 Manufacture of other transport equipment  | 2            | 0.3          | -             | 0.0          | -             | 0.0          |
|              | 31 Manufacture of furniture  | 23           | 3.3          | 20            | 7.2          | 14            | 10.8         |
|              | 32 Other manufacturing   | 4            | 0.6          | 7             | 2.5          | 2             | 1.5          |
|              | 33 Repair and installation of machinery and equipment  | 4            | 0.6          | -             | 0.0          | -             | 0.0          |
| <b>C</b>     | <b>Manufacturing</b>   | <b>445</b>   | <b>63.9</b>  | <b>255</b>    | <b>92.1</b>  | <b>105</b>    | <b>80.8</b>  |
|              | 35 Electricity, gas, steam and air conditioning supply   | 16           | 2.3          | 3             | 1.1          | 7             | 5.4          |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>   | <b>16</b>    | <b>2.3</b>   | <b>3</b>      | <b>1.1</b>   | <b>7</b>      | <b>5.4</b>   |
|              | 36 Water collection, treatment and supply  | 52           | 7.5          | 11            | 4.0          | 13            | 10.0         |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | 1            | 0.1          | 2             | 0.7          | -             | 0.0          |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>53</b>    | <b>7.6</b>   | <b>13</b>     | <b>4.7</b>   | <b>13</b>     | <b>10.0</b>  |
| <b>Total</b> |  | <b>696</b>   | <b>100.0</b> | <b>277</b>    | <b>100.0</b> | <b>130</b>    | <b>100.0</b> |



**Table 55(b): Frequency Distribution of Tenure of Buildings Occupied for Own Business, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC Rev. 4  | Industrial Activity   | Wholly Owned |              | Wholly Rented |              | Partly Rented |              |
|--------------|---|--------------|--------------|---------------|--------------|---------------|--------------|
|              |   | Number       | Percent      | Number        | Percent      | Number        | Percent      |
| 07           | Mining of metal ores  | 6            | 0.1          | 1             | 0.0          | 5             | 0.1          |
| 08           | Other mining and quarrying  | 99           | 2.2          | 26            | 1.1          | 39            | 0.8          |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>105</b>   | <b>2.3</b>   | <b>27</b>     | <b>1.2</b>   | <b>44</b>     | <b>0.9</b>   |
| 10           | Manufacture of food products  | 1,752        | 39.0         | 426           | 18.4         | 489           | 9.9          |
| 11           | Manufacture of beverages  | 17           | 0.4          | 6             | 0.3          | 4             | 0.1          |
| 12           | Manufacture of tobacco products   | 3            | 0.1          | -             | 0.0          | 4             | 0.1          |
| 13           | Manufacture of textiles   | 47           | 1.0          | 82            | 3.5          | 242           | 4.9          |
| 14           | Manufacture of wearing apparel  | 340          | 7.6          | 384           | 16.6         | 1,130         | 22.9         |
| 15           | Manufacture of leather and related products   | 10           | 0.2          | 50            | 2.2          | 94            | 1.9          |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 606          | 13.5         | 259           | 11.2         | 516           | 10.4         |
| 17           | Manufacture of paper and paper products   | 2            | 0.0          | 1             | 0.0          | 2             | 0.0          |
| 18           | Printing and reproduction of recorded media   | 15           | 0.3          | 17            | 0.7          | 79            | 1.6          |
| 20           | Manufacture of chemicals and chemical products  | 14           | 0.3          | 10            | 0.4          | 20            | 0.4          |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 1            | 0.0          | -             | 0.0          | 1             | 0.0          |
| 22           | Manufacture of rubber and plastics products   | 4            | 0.1          | 4             | 0.2          | 10            | 0.2          |
| 23           | Manufacture of other non-metallic mineral products  | 233          | 5.2          | 152           | 6.6          | 178           | 3.6          |
| 24           | Manufacture of basic metals   | 0            | 0.0          | 2             | 0.1          | 3             | 0.1          |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 405          | 9.0          | 368           | 15.9         | 838           | 16.9         |
| 26           | Manufacture of computer, electronic and optical products  | 0            | 0.0          | 1             | 0.0          | 0             | 0.0          |
| 27           | Manufacture of electrical equipment   | 54           | 1.2          | 32            | 1.4          | 138           | 2.8          |
| 28           | Manufacture of machinery and equipment n.e.c.   | 21           | 0.5          | 19            | 0.8          | 36            | 0.7          |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 10           | 0.2          | 4             | 0.2          | 7             | 0.1          |
| 30           | Manufacture of other transport equipment  | 20           | 0.4          | 8             | 0.3          | 9             | 0.2          |
| 31           | Manufacture of furniture  | 629          | 14.0         | 410           | 17.7         | 942           | 19.1         |
| 32           | Other manufacturing   | 20           | 0.4          | 23            | 1.0          | 108           | 2.2          |
| 33           | Repair and installation of machinery and equipment  | 3            | 0.1          | 3             | 0.1          | 12            | 0.2          |
| <b>C</b>     | <b>Manufacturing</b>  | <b>4,206</b> | <b>93.7</b>  | <b>2,261</b>  | <b>97.8</b>  | <b>4,862</b>  | <b>98.3</b>  |
| 35           | Electricity, gas, steam and air conditioning supply   | 72           | 1.6          | 11            | 0.5          | 28            | 0.6          |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>  | <b>72</b>    | <b>1.6</b>   | <b>11</b>     | <b>0.5</b>   | <b>28</b>     | <b>0.6</b>   |
| 36           | Water collection, treatment and supply  | 106          | 2.4          | 11            | 0.5          | 10            | 0.2          |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 1            | 0.0          | 1             | 0.0          | -             | 0.0          |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>107</b>   | <b>2.4</b>   | <b>12</b>     | <b>0.5</b>   | <b>10</b>     | <b>0.2</b>   |
| <b>Total</b> |   | <b>4,490</b> | <b>100.0</b> | <b>2,311</b>  | <b>100.0</b> | <b>4,944</b>  | <b>100.0</b> |



**Table 56(a): Frequency Distribution of Establishment Products Certified by Government Institutions /Authorities, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev. 4  | Industrial Activity   | Tanzania Food and Drugs Authority (TFDA) | International Organization for Standardization (ISO) | Tanzania Bureau of Standards (TBS) | Other Authorities |
|--------------|---|--|--|------------------------------------|-------------------|
| 05           | Mining of coal and lignite  | -  | -  | -                                  | -                 |
| 07           | Mining of metal ores  | 1  | 4  | 3                                  | 5                 |
| 08           | Other mining and quarrying  | 10                                       | 6  | 13                                 | 12                |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>11</b>                                | <b>10</b>  | <b>16</b>                          | <b>17</b>         |
| 10           | Manufacture of food products  | 195                                      | 29   | 143                                | 32                |
| 11           | Manufacture of beverages  | 43                                       | 14   | 44                                 | 3                 |
| 12           | Manufacture of tobacco products   | 1  | 1  | 2                                  | -                 |
| 13           | Manufacture of textiles   | 1  | 4  | 13                                 | 1                 |
| 14           | Manufacture of wearing apparel  | -  | 3  | 3                                  | -                 |
| 15           | Manufacture of leather and related products   | -  | 1  | 8                                  | 1                 |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | -  | 2  | 5                                  | 5                 |
| 17           | Manufacture of paper and paper products   | -  | -  | 7                                  | -                 |
| 18           | Printing and reproduction of recorded media   | 2  | 2  | 18                                 | 1                 |
| 19           | Manufacture of coke and refined petroleum products  | -  | 1  | 2                                  | -                 |
| 20           | Manufacture of chemicals and chemical products  | 14                                       | 8  | 28                                 | 3                 |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 5  | 2  | 3                                  | 1                 |
| 22           | Manufacture of rubber and plastics products   | 3  | 9  | 31                                 | 1                 |
| 23           | Manufacture of other non-metallic mineral products  | 1  | 7  | 23                                 | 6                 |
| 24           | Manufacture of basic metals   | -  | 3  | 13                                 | -                 |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 1  | 4  | 17                                 | -                 |
| 26           | Manufacture of computer, electronic and optical products  | -  | 1  | 1                                  | -                 |
| 27           | Manufacture of electrical equipment   | -  | 2  | 8                                  | -                 |
| 28           | Manufacture of machinery and equipment n.e.c.   | -  | 1  | 2                                  | 1                 |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | -  | 1  | 4                                  | -                 |
| 30           | Manufacture of other transport equipment  | -  | 1  | 2                                  | -                 |
| 31           | Manufacture of furniture  | 2  | 1  | 18                                 | 1                 |
| 32           | Other manufacturing   | 2  | 1  | 9                                  | 1                 |
| 33           | Repair and installation of machinery and equipment  | -  | -  | 1                                  | -                 |
| <b>C</b>     | <b>Manufacturing</b>  | <b>270</b>                               | <b>98</b>  | <b>405</b>                         | <b>57</b>         |
| 35           | Electricity, gas, steam and air conditioning supply   | 3  | 2  | 6                                  | 4                 |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>3</b>                                 | <b>2</b>   | <b>6</b>                           | <b>4</b>          |
| 36           | Water collection, treatment and supply  | 9  | 11   | 30                                 | 34                |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -  | -  | 1                                  | -                 |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>9</b>                                 | <b>11</b>  | <b>31</b>                          | <b>34</b>         |
| <b>Total</b> |   | <b>293</b>                               | <b>121</b>   | <b>458</b>                         | <b>112</b>        |



**Table 56(b): Frequency Distribution of Establishment Products Certified by Government Institutions /Authorities, Tanzania Mainland, CIP-2013**

| ISIC Rev. 4  | Industrial Activity  | Tanzania Food and Drugs Authority (TFDA) | International Organization for Standardization (ISO) | Tanzania Bureau of Standards (TBS) | Other Authorities |
|--------------|--|--|--|------------------------------------|-------------------|
|              | 07 Mining of metal ores  | 1  | 1  | 2                                  | 1                 |
|              | 08 Other mining and quarrying  | 12                                       | -  | 8                                  | 10                |
| <b>B</b>     | <b>Mining and quarrying</b>  | <b>13</b>                                | <b>1</b>   | <b>10</b>                          | <b>11</b>         |
|              | 10 Manufacture of food products  | 542                                      | 25   | 122                                | 95                |
|              | 11 Manufacture of beverages  | 13                                       | 1  | 8                                  | 2                 |
|              | 12 Manufacture of tobacco products   | -  | -  | -                                  | 1                 |
|              | 13 Manufacture of textiles   | 1  | 3  | 15                                 | 2                 |
|              | 14 Manufacture of wearing apparel  | 3  | 3  | 68                                 | 7                 |
|              | 15 Manufacture of leather and related products   | 2  | -  | 4                                  | 2                 |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 10                                       | 3  | 36                                 | 39                |
|              | 17 Manufacture of paper and paper products   | -  | -  | 1                                  | -                 |
|              | 18 Printing and reproduction of recorded media   | -  | -  | 5                                  | 2                 |
|              | 20 Manufacture of chemicals and chemical products  | 10                                       | 2  | 10                                 | 1                 |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | -  | -  | -                                  | 1                 |
|              | 22 Manufacture of rubber and plastics products   | -  | -  | 1                                  | -                 |
|              | 23 Manufacture of other non-metallic mineral products  | 1  | 1  | 30                                 | 18                |
|              | 24 Manufacture of basic metals   | -  | -  | -                                  | 1                 |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 4  | 10   | 75                                 | 19                |
|              | 26 Manufacture of computer, electronic and optical products  | -  | -  | 1                                  | -                 |
|              | 27 Manufacture of electrical equipment   | -  | -  | 3                                  | 1                 |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 1  | -  | 3                                  | 3                 |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | -  | -  | 2                                  | 4                 |
|              | 30 Manufacture of other transport equipment  | -  | 1  | 6                                  | 1                 |
|              | 31 Manufacture of furniture  | 2  | 1  | 43                                 | 40                |
|              | 32 Other manufacturing   | -  | 1  | 1                                  | 10                |
|              | 33 Repair and installation of machinery and equipment  | -  | -  | 2                                  | -                 |
| <b>C</b>     | <b>Manufacturing</b>   | <b>589</b>                               | <b>51</b>  | <b>436</b>                         | <b>249</b>        |
|              | 35 Electricity, gas, steam and air conditioning supply   | -  | 3  | 4                                  | 1                 |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>-</b>                                 | <b>3</b>   | <b>4</b>                           | <b>1</b>          |
|              | 36 Water collection, treatment and supply  | 14                                       | -  | 6                                  | 24                |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | -  | -  | -                                  | -                 |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>14</b>                                | <b>-</b>   | <b>6</b>                           | <b>24</b>         |
| <b>Total</b> |  | <b>616</b>                               | <b>55</b>  | <b>456</b>                         | <b>285</b>        |



**Table 57(a): Frequency Distribution of Establishments Quality Management Aspects, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev. 4  | Industrial Activity   | Is the quality of raw materials purchased controlled? |            | Does the establishment have a laboratory? |            | Does the establishment have quality management system? |            | Total Number of Quality Control staff |
|--------------|---|---|------------|---|------------|--|------------|---------------------------------------|
|              |   | Yes   | No         | Yes                                       | No         | Yes  | No         |                                       |
| 05           | Mining of coal and lignite  | -   | 1          | 1   | -          | 1  | -          | 1                                     |
| 07           | Mining of metal ores  | 15  | 18         | 14  | 19         | 9  | 24         | 40                                    |
| 08           | Other mining and quarrying  | 90  | 69         | 10  | 149        | 18   | 141        | 74                                    |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>105</b>  | <b>88</b>  | <b>25</b>                                 | <b>168</b> | <b>28</b>  | <b>165</b> | <b>115</b>                            |
| 10           | Manufacture of food products  | 186   | 78         | 102                                       | 162        | 164  | 100        | 548                                   |
| 11           | Manufacture of beverages  | 46  | 1          | 41  | 6          | 43   | 4          | 242                                   |
| 12           | Manufacture of tobacco products   | 4   | -          | 4   | -          | 4  | -          | 31                                    |
| 13           | Manufacture of textiles   | 20  | 7          | 15  | 12         | 19   | 8          | 139                                   |
| 14           | Manufacture of wearing apparel  | 10  | 3          | 2   | 11         | 5  | 8          | 117                                   |
| 15           | Manufacture of leather and related products   | 10  | 5          | 3   | 12         | 9  | 6          | 28                                    |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 23  | 27         | 3   | 47         | 15   | 35         | 41                                    |
| 17           | Manufacture of paper and paper products   | 12  | -          | 5   | 7          | 9  | 3          | 44                                    |
| 18           | Printing and reproduction of recorded media   | 36  | 10         | 5   | 41         | 31   | 15         | 112                                   |
| 19           | Manufacture of coke and refined petroleum products  | 2   | 1          | 2   | 1          | 3  | -          | 6                                     |
| 20           | Manufacture of chemicals and chemical products  | 31  | 5          | 23  | 13         | 28   | 8          | 90                                    |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 5   | -          | 5   | -          | 5  | -          | 57                                    |
| 22           | Manufacture of rubber and plastics products   | 38  | 3          | 20  | 21         | 28   | 13         | 115                                   |
| 23           | Manufacture of other non-metallic mineral products  | 49  | 24         | 14  | 59         | 26   | 47         | 126                                   |
| 24           | Manufacture of basic metals   | 12  | 1          | 8   | 5          | 11   | 2          | 40                                    |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 32  | 14         | 5   | 41         | 20   | 26         | 40                                    |
| 26           | Manufacture of computer, electronic and optical products  | 1   | -          | -   | 1          | 1  | -          | 6                                     |
| 27           | Manufacture of electrical equipment   | 9   | -          | 6   | 3          | 8  | 1          | 23                                    |
| 28           | Manufacture of machinery and equipment n.e.c.   | 10  | 3          | -   | 13         | 4  | 9          | 10                                    |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 10  | 1          | 3   | 8          | 6  | 5          | 25                                    |
| 30           | Manufacture of other transport equipment  | 2   | -          | 1   | 1          | 2  | -          | 10                                    |
| 31           | Manufacture of furniture  | 35  | 22         | 6   | 51         | 23   | 34         | 44                                    |
| 32           | Other manufacturing   | 10  | 3          | 2   | 11         | 7  | 6          | 36                                    |
| 33           | Repair and installation of machinery and equipment  | 2   | 2          | 1   | 3          | 1  | 3          | 9                                     |
| <b>C</b>     | <b>Manufacturing</b>  | <b>595</b>  | <b>210</b> | <b>276</b>                                | <b>529</b> | <b>472</b>   | <b>333</b> | <b>1,939</b>                          |
| 35           | Electricity, gas, steam and air conditioning supply   | 21  | 5          | 5   | 21         | 10   | 16         | 22                                    |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>21</b>   | <b>5</b>   | <b>5</b>                                  | <b>21</b>  | <b>10</b>  | <b>16</b>  | <b>22</b>                             |
| 36           | Water collection, treatment and supply  | 60  | 16         | 28  | 48         | 52   | 24         | 254                                   |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 2   | 1          | -   | 3          | 1  | 2          | 3                                     |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>62</b>   | <b>17</b>  | <b>28</b>                                 | <b>51</b>  | <b>53</b>  | <b>26</b>  | <b>257</b>                            |
| <b>Total</b> |   | <b>783</b>  | <b>320</b> | <b>334</b>                                | <b>769</b> | <b>563</b>   | <b>540</b> | <b>2,333</b>                          |



**Table 57(b): Frequency Distribution of Establishments Quality Management Aspects, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC Rev. 4  | Industrial Activity   | Is the quality of raw materials purchased controlled? |              |
|--------------|---|---|--------------|
|              |   | Yes   | No           |
| 07           | Mining of metal ores  | 4   | 8            |
| 08           | Other mining and quarrying  | 39  | 125          |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>43</b>   | <b>133</b>   |
| 10           | Manufacture of food products  | 599   | 2,068        |
| 11           | Manufacture of beverages  | 16  | 11           |
| 12           | Manufacture of tobacco products   | -   | 7            |
| 13           | Manufacture of textiles   | 210   | 161          |
| 14           | Manufacture of wearing apparel  | 994   | 860          |
| 15           | Manufacture of leather and related products   | 68  | 86           |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 345   | 1,036        |
| 17           | Manufacture of paper and paper products   | 3   | 2            |
| 18           | Printing and reproduction of recorded media   | 74  | 37           |
| 20           | Manufacture of chemicals and chemical products  | 22  | 22           |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 2   | -            |
| 22           | Manufacture of rubber and plastics products   | 10  | 8            |
| 23           | Manufacture of other non-metallic mineral products  | 296   | 267          |
| 24           | Manufacture of basic metals   | 2   | 3            |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 818   | 793          |
| 26           | Manufacture of computer, electronic and optical products  | 1   | -            |
| 27           | Manufacture of electrical equipment   | 74  | 150          |
| 28           | Manufacture of machinery and equipment n.e.c.   | 47  | 29           |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 9   | 12           |
| 30           | Manufacture of other transport equipment  | 19  | 18           |
| 31           | Manufacture of furniture  | 615   | 1,366        |
| 32           | Other manufacturing   | 50  | 101          |
| 33           | Repair and installation of machinery and equipment  | 14  | 4            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>4,288</b>  | <b>7,041</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 44  | 67           |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>44</b>   | <b>67</b>    |
| 36           | Water collection, treatment and supply  | 38  | 89           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -   | 2            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>38</b>   | <b>91</b>    |
| <b>Total</b> |   | <b>4,413</b>  | <b>7,332</b> |



**Table 58(a): Frequency Distribution of Main Source of Water Used by Establishments for Production, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev. 4  | Industrial Activity   | Public Network | River     | Underground Water | Other     | Not Applicable | Total        |
|--------------|---|----------------|-----------|-------------------|-----------|----------------|--------------|
| 05           | Mining of coal and lignite  | -              | 1         | -                 | -         | -              | 1            |
| 07           | Mining of metal ores  | 3              | 7         | 12                | 4         | 7              | 33           |
| 08           | Other mining and quarrying  | 9              | 6         | 123               | 15        | 6              | 159          |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>12</b>      | <b>14</b> | <b>135</b>        | <b>19</b> | <b>13</b>      | <b>193</b>   |
| 10           | Manufacture of food products  | 143            | 21        | 67                | 16        | 17             | 264          |
| 11           | Manufacture of beverages  | 17             | 1         | 25                | 4         | -              | 47           |
| 12           | Manufacture of tobacco products   | 1              | -         | 2                 | -         | 1              | 4            |
| 13           | Manufacture of textiles   | 11             | -         | 11                | 2         | 3              | 27           |
| 14           | Manufacture of wearing apparel  | 8              | -         | 2                 | -         | 3              | 13           |
| 15           | Manufacture of leather and related products   | 3              | 1         | 9                 | -         | 2              | 15           |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 16             | 3         | 13                | 3         | 15             | 50           |
| 17           | Manufacture of paper and paper products   | 7              | 1         | 4                 | -         | -              | 12           |
| 18           | Printing and reproduction of recorded media   | 21             | -         | 19                | -         | 6              | 46           |
| 19           | Manufacture of coke and refined petroleum products  | -              | -         | 3                 | -         | -              | 3            |
| 20           | Manufacture of chemicals and chemical products  | 17             | 1         | 15                | 2         | 1              | 36           |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 2              | -         | 3                 | -         | -              | 5            |
| 22           | Manufacture of rubber and plastics products   | 11             | -         | 29                | 1         | -              | 41           |
| 23           | Manufacture of other non-metallic mineral products  | 25             | 6         | 36                | 1         | 5              | 73           |
| 24           | Manufacture of basic metals   | 4              | -         | 9                 | -         | -              | 13           |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 17             | -         | 13                | 3         | 13             | 46           |
| 26           | Manufacture of computer, electronic and optical products  | -              | -         | 1                 | -         | -              | 1            |
| 27           | Manufacture of electrical equipment   | 2              | -         | 7                 | -         | -              | 9            |
| 28           | Manufacture of machinery and equipment n.e.c.   | 9              | 1         | 1                 | -         | 2              | 13           |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 4              | -         | 6                 | -         | 1              | 11           |
| 30           | Manufacture of other transport equipment  | 1              | -         | 1                 | -         | -              | 2            |
| 31           | Manufacture of furniture  | 18             | 1         | 19                | 1         | 18             | 57           |
| 32           | Other manufacturing   | 8              | -         | 3                 | 1         | 1              | 13           |
| 33           | Repair and installation of machinery and equipment  | 2              | -         | 1                 | -         | 1              | 4            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>347</b>     | <b>36</b> | <b>299</b>        | <b>34</b> | <b>89</b>      | <b>805</b>   |
| 35           | Electricity, gas, steam and air conditioning supply   | 20             | 3         | 1                 | 1         | 1              | 26           |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>  | <b>20</b>      | <b>3</b>  | <b>1</b>          | <b>1</b>  | <b>1</b>       | <b>26</b>    |
| 36           | Water collection, treatment and supply  | 9              | 20        | 29                | 12        | 6              | 76           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -              | -         | 3                 | -         | -              | 3            |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>9</b>       | <b>20</b> | <b>32</b>         | <b>12</b> | <b>6</b>       | <b>79</b>    |
| <b>Total</b> |   | <b>388</b>     | <b>73</b> | <b>467</b>        | <b>66</b> | <b>109</b>     | <b>1,103</b> |



**Table 58(b): Frequency Distribution of Main Source of Water Used by Establishment for Production, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC Rev. 4  | Industrial activity   | Public Network | River      | Underground Water | Other      | Not Applicable | Total         |
|--------------|---|----------------|------------|-------------------|------------|----------------|---------------|
| 07           | Mining of metal ores  | -              | 1          | 9                 | 1          | 1              | 12            |
| 08           | Other mining and quarrying  | 9              | 15         | 63                | 15         | 62             | 164           |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>9</b>       | <b>16</b>  | <b>72</b>         | <b>16</b>  | <b>63</b>      | <b>176</b>    |
| 10           | Manufacture of food products  | 848            | 227        | 576               | 102        | 914            | 2,667         |
| 11           | Manufacture of beverages  | 15             | 3          | 7                 | 1          | 1              | 27            |
| 12           | Manufacture of tobacco products   | -              | 2          | 2                 | -          | 3              | 7             |
| 13           | Manufacture of textiles   | 47             | 10         | 22                | 5          | 287            | 371           |
| 14           | Manufacture of wearing apparel  | 219            | 40         | 92                | 21         | 1,482          | 1,854         |
| 15           | Manufacture of leather and related products   | 31             | 3          | 9                 | 1          | 110            | 154           |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 145            | 51         | 127               | 7          | 1,051          | 1,381         |
| 17           | Manufacture of paper and paper products   | 1              | 1          | 1                 | -          | 2              | 5             |
| 18           | Printing and reproduction of recorded media   | 47             | 1          | 11                | 1          | 51             | 111           |
| 20           | Manufacture of chemicals and chemical products  | 29             | 1          | 10                | -          | 4              | 44            |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 2              | -          | -                 | -          | -              | 2             |
| 22           | Manufacture of rubber and plastics products   | 6              | -          | 6                 | -          | 6              | 18            |
| 23           | Manufacture of other non-metallic mineral products  | 193            | 79         | 230               | 31         | 30             | 563           |
| 24           | Manufacture of basic metals   | 3              | 1          | -                 | -          | 1              | 5             |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 191            | 55         | 148               | 22         | 1,195          | 1,611         |
| 26           | Manufacture of computer, electronic and optical products  | 1              | -          | -                 | -          | -              | 1             |
| 27           | Manufacture of electrical equipment   | 45             | 17         | 50                | 8          | 104            | 224           |
| 28           | Manufacture of machinery and equipment n.e.c.   | 20             | 1          | 11                | -          | 44             | 76            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 4              | -          | 4                 | 1          | 12             | 21            |
| 30           | Manufacture of other transport equipment  | 4              | 2          | 3                 | 6          | 22             | 37            |
| 31           | Manufacture of furniture  | 201            | 79         | 128               | 23         | 1,550          | 1,981         |
| 32           | Other manufacturing   | 32             | -          | 56                | 4          | 59             | 151           |
| 33           | Repair and installation of machinery and equipment  | 3              | -          | 3                 | -          | 12             | 18            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>2,087</b>   | <b>573</b> | <b>1,496</b>      | <b>233</b> | <b>6,940</b>   | <b>11,329</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 12             | 27         | 30                | 3          | 39             | 111           |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>  | <b>12</b>      | <b>27</b>  | <b>30</b>         | <b>3</b>   | <b>39</b>      | <b>111</b>    |
| 36           | Water collection, treatment and supply  | 11             | 11         | 85                | 1          | 19             | 127           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 1              | -          | 1                 | -          | -              | 2             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>12</b>      | <b>11</b>  | <b>86</b>         | <b>1</b>   | <b>19</b>      | <b>129</b>    |
| <b>Total</b> |   | <b>2,120</b>   | <b>627</b> | <b>1,684</b>      | <b>253</b> | <b>7,061</b>   | <b>11,745</b> |



**Table 59: Frequency Distribution if Establishments Have HIV/AIDS Work Place Packages, Tanzania Mainland, CIP-2013**

| ISIC Rev. 4  | Industrial Activity   | 10+        |            | (1-9)      |               |
|--------------|---|------------|------------|------------|---------------|
|              |   | Yes        | No         | No         | Yes           |
| 05           | Mining of coal and lignite  | -          | 1          | -          | -             |
| 07           | Mining of metal ores  | 6          | 27         | 1          | 11            |
| 08           | Other mining and quarrying  | 22         | 137        | 7          | 157           |
| <b>B</b>     | <b>Mining and Quarrying</b>   | <b>28</b>  | <b>165</b> | <b>8</b>   | <b>168</b>    |
| 10           | Manufacture of food products  | 68         | 196        | 64         | 2,603         |
| 11           | Manufacture of beverages  | 18         | 29         | 2          | 25            |
| 12           | Manufacture of tobacco products   | 2          | 2          | -          | 7             |
| 13           | Manufacture of textiles   | 7          | 20         | 6          | 365           |
| 14           | Manufacture of wearing apparel  | 3          | 10         | 36         | 1,818         |
| 15           | Manufacture of leather and related products   | 3          | 12         | 2          | 152           |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 12         | 38         | 31         | 1,350         |
| 17           | Manufacture of paper and paper products   | 3          | 9          | -          | 5             |
| 18           | Printing and reproduction of recorded media   | 9          | 37         | 6          | 105           |
| 19           | Manufacture of coke and refined petroleum products  | 1          | 2          | -          | -             |
| 20           | Manufacture of chemicals and chemical products  | 8          | 28         | 1          | 43            |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 1          | 4          | -          | 2             |
| 22           | Manufacture of rubber and plastics products   | 11         | 30         | -          | 18            |
| 23           | Manufacture of other non-metallic mineral products  | 15         | 58         | 14         | 549           |
| 24           | Manufacture of basic metals   | 4          | 9          | -          | 5             |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 5          | 41         | 24         | 1,587         |
| 26           | Manufacture of computer, electronic and optical products  | 1          | -          | -          | 1             |
| 27           | Manufacture of electrical equipment   | 1          | 8          | 6          | 218           |
| 28           | Manufacture of machinery and equipment n.e.c.   | 3          | 10         | 4          | 72            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 1          | 10         | 1          | 20            |
| 30           | Manufacture of other transport equipment  | -          | 2          | -          | 37            |
| 31           | Manufacture of furniture  | 8          | 49         | 37         | 1,944         |
| 32           | Other manufacturing   | 2          | 11         | 3          | 148           |
| 33           | Repair and installation of machinery and equipment  | -          | 4          | -          | 18            |
| <b>C</b>     | <b>Manufacturing</b>  | <b>186</b> | <b>619</b> | <b>237</b> | <b>11,092</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 8          | 18         | 5          | 106           |
| <b>D</b>     | <b>Electricity, Gas, Steam and air Conditioning supply</b>  | <b>8</b>   | <b>18</b>  | <b>5</b>   | <b>106</b>    |
| 36           | Water collection, treatment and supply  | 33         | 43         | 5          | 122           |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 1          | 2          | -          | 2             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>34</b>  | <b>45</b>  | <b>5</b>   | <b>124</b>    |
| <b>Total</b> |   | <b>256</b> | <b>847</b> | <b>255</b> | <b>11,490</b> |



**Table 60(a): Frequency Distribution of Establishments Suggested Methods for Reducing Industrial Sector Vulnerability to HIV/AIDS, Tanzania Mainland, CIP-2013 (10+)**

| ISIC Rev. 4  | Industrial Activity   | HIV/AIDS Workplace<br>Education and Prevention | Treatment  | Counselling | Shift Towards Capital<br>Intensive Operations | Other Methods |
|--------------|---|--|------------|-------------|---|---------------|
|              | 05 Mining of coal and lignite   | 1  | -          | 1           | -   | 1             |
|              | 07 Mining of metal ores   | 31   | 20         | 26          | 10  | 8             |
|              | 08 Other mining and quarrying   | 151  | 69         | 131         | 29  | 28            |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>183</b>                                     | <b>89</b>  | <b>158</b>  | <b>39</b>                                     | <b>37</b>     |
|              | 10 Manufacture of food products   | 244  | 112        | 212         | 48  | 25            |
|              | 11 Manufacture of beverages   | 45   | 20         | 40          | 8   | -             |
|              | 12 Manufacture of tobacco products  | 3  | 2          | 3           | -   | -             |
|              | 13 Manufacture of textiles  | 23   | 11         | 17          | 2   | -             |
|              | 14 Manufacture of wearing apparel   | 13   | 6          | 11          | 2   | 1             |
|              | 15 Manufacture of leather and related products  | 14   | 5          | 15          | 1   | -             |
|              | 16 Manufacture of wood and of products of wood and cork, except<br>furniture; manufacture of articles of straw and plaiting materials | 47   | 17         | 41          | 7   | 4             |
|              | 17 Manufacture of paper and paper products  | 12   | 6          | 11          | -   | 1             |
|              | 18 Printing and reproduction of recorded media  | 43   | 22         | 40          | 8   | 1             |
|              | 19 Manufacture of coke and refined petroleum products   | 2  | 1          | 1           | -   | -             |
|              | 20 Manufacture of chemicals and chemical products   | 30   | 17         | 31          | 2   | 2             |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical<br>preparations  | 4  | 4          | 4           | 1   | 1             |
|              | 22 Manufacture of rubber and plastics products  | 38   | 15         | 33          | 3   | 2             |
|              | 23 Manufacture of other non-metallic mineral products   | 66   | 25         | 60          | 11  | 4             |
|              | 24 Manufacture of basic metals  | 11   | 7          | 11          | 1   | -             |
|              | 25 Manufacture of fabricated metal products, except machinery and<br>equipment  | 36   | 20         | 42          | 5   | 3             |
|              | 26 Manufacture of computer, electronic and optical products   | 1  | -          | 1           | -   | -             |
|              | 27 Manufacture of electrical equipment  | 9  | 3          | 7           | -   | -             |
|              | 28 Manufacture of machinery and equipment n.e.c.  | 13   | 2          | 10          | 1   | -             |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers  | 10   | 6          | 11          | 2   | -             |
|              | 30 Manufacture of other transport equipment   | 2  | 2          | 2           | -   | -             |
|              | 31 Manufacture of furniture   | 53   | 24         | 39          | 9   | 6             |
|              | 32 Other manufacturing  | 13   | 6          | 13          | -   | -             |
|              | 33 Repair and installation of machinery and equipment   | 3  | -          | 2           | -   | -             |
| <b>C</b>     | <b>Manufacturing</b>  | <b>735</b>                                     | <b>333</b> | <b>657</b>  | <b>111</b>                                    | <b>50</b>     |
|              | 35 Electricity, gas, steam and air conditioning supply  | 24   | 20         | 24          | 11  | 9             |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>24</b>                                      | <b>20</b>  | <b>24</b>   | <b>11</b>                                     | <b>9</b>      |
|              | 36 Water collection, treatment and supply   | 73   | 24         | 63          | 10  | 5             |
|              | 38 Waste collection, treatment and disposal activities; materials recovery  | 3  | 1          | 1           | 1   | -             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>76</b>                                      | <b>25</b>  | <b>64</b>   | <b>11</b>                                     | <b>5</b>      |
| <b>Total</b> |   | <b>1,018</b>                                   | <b>467</b> | <b>903</b>  | <b>172</b>                                    | <b>101</b>    |



**Table 60(b): Frequency Distribution of Establishments Suggested Methods for Reducing Industrial Sector Vulnerability to HIV/AIDS, Tanzania Mainland, CIP-2013 (1-9)**

| ISIC Rev. 4  | Industrial Activity   | HIV/AIDS Workplace Education and Prevention | Treatment    | Counselling  | Shift Towards Capital Intensive Operations | Other Methods |
|--------------|---|---|--------------|--------------|--|---------------|
| 07           | Mining of metal ores  | 11  | 6            | 10           | 4  | -             |
| 08           | Other mining and quarrying  | 136   | 49           | 124          | 39   | 26            |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>147</b>                                  | <b>55</b>    | <b>134</b>   | <b>43</b>                                  | <b>26</b>     |
| 10           | Manufacture of food products  | 2,410                                       | 912          | 2,093        | 466  | 383           |
| 11           | Manufacture of beverages  | 26  | 12           | 20           | 3  | 3             |
| 12           | Manufacture of tobacco products   | 7   | 6            | 6            | -  | -             |
| 13           | Manufacture of textiles   | 332   | 106          | 269          | 53   | 60            |
| 14           | Manufacture of wearing apparel  | 1,660                                       | 589          | 1,393        | 279  | 319           |
| 15           | Manufacture of leather and related products   | 140   | 38           | 108          | 22   | 26            |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 1,231                                       | 404          | 977          | 188  | 204           |
| 17           | Manufacture of paper and paper products   | 4   | 1            | 4            | -  | 1             |
| 18           | Printing and reproduction of recorded media   | 92  | 20           | 75           | 5  | 12            |
| 20           | Manufacture of chemicals and chemical products  | 39  | 17           | 32           | 9  | 5             |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 2   | 1            | 2            | 1  | -             |
| 22           | Manufacture of rubber and plastics products   | 16  | 5            | 12           | 5  | 3             |
| 23           | Manufacture of other non-metallic mineral products  | 496   | 162          | 411          | 71   | 53            |
| 24           | Manufacture of basic metals   | 5   | -            | 2            | -  | -             |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 1,426                                       | 453          | 1,173        | 244  | 237           |
| 26           | Manufacture of computer, electronic and optical products  | 1   | 1            | 1            | 1  | -             |
| 27           | Manufacture of electrical equipment   | 197   | 69           | 159          | 34   | 19            |
| 28           | Manufacture of machinery and equipment n.e.c.   | 69  | 30           | 60           | 11   | 12            |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 19  | 7            | 12           | 5  | 5             |
| 30           | Manufacture of other transport equipment  | 31  | 13           | 29           | 9  | 10            |
| 31           | Manufacture of furniture  | 1,758                                       | 588          | 1,457        | 316  | 334           |
| 32           | Other manufacturing   | 132   | 55           | 111          | 8  | 16            |
| 33           | Repair and installation of machinery and equipment  | 16  | 6            | 14           | 4  | 2             |
| <b>C</b>     | <b>Manufacturing</b>  | <b>10,109</b>                               | <b>3,495</b> | <b>8,420</b> | <b>1,734</b>                               | <b>1,704</b>  |
| 35           | Electricity, gas, steam and air conditioning supply   | 104   | 31           | 89           | 23   | 19            |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>104</b>                                  | <b>31</b>    | <b>89</b>    | <b>23</b>                                  | <b>19</b>     |
| 36           | Water collection, treatment and supply  | 112   | 43           | 100          | 11   | 24            |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 2   | -            | 1            | -  | -             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>114</b>                                  | <b>43</b>    | <b>101</b>   | <b>11</b>                                  | <b>24</b>     |
| <b>Total</b> |   | <b>10,474</b>                               | <b>3,624</b> | <b>8,744</b> | <b>1,811</b>                               | <b>1,773</b>  |



**Table 61: Frequency Distribution of Marketing for the Produced Products, Tanzania Mainland, CIP-2013 (10+)**

| ISIC REV 4   | Industrial Activity   | Domestic   | International | Both Domestic and International |
|--------------|---|------------|---------------|---------------------------------|
| 05           | Mining of coal and lignite  | -          | -             | 1                               |
| 07           | Mining of metal ores  | 24         | 5             | 4                               |
| 08           | Other mining and quarrying  | 149        | 3             | 7                               |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>173</b> | <b>8</b>      | <b>12</b>                       |
| 10           | Manufacture of food products  | 193        | 10            | 61                              |
| 11           | Manufacture of beverages  | 40         | -             | 7                               |
| 12           | Manufacture of tobacco products   | -          | 1             | 3                               |
| 13           | Manufacture of textiles   | 14         | 2             | 11                              |
| 14           | Manufacture of wearing apparel  | 11         | 1             | 1                               |
| 15           | Manufacture of leather and related products   | 10         | 2             | 3                               |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 38         | 8             | 4                               |
| 17           | Manufacture of paper and paper products   | 8          | -             | 4                               |
| 18           | Printing and reproduction of recorded media   | 38         | -             | 8                               |
| 19           | Manufacture of coke and refined petroleum products  | -          | -             | 3                               |
| 20           | Manufacture of chemicals and chemical products  | 22         | 2             | 12                              |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 3          | -             | 2                               |
| 22           | Manufacture of rubber and plastics products   | 28         | 1             | 12                              |
| 23           | Manufacture of other non-metallic mineral products  | 63         | -             | 10                              |
| 24           | Manufacture of basic metals   | 9          | -             | 4                               |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 43         | 1             | 2                               |
| 26           | Manufacture of computer, electronic and optical products  | -          | -             | 1                               |
| 27           | Manufacture of electrical equipment   | 8          | -             | 1                               |
| 28           | Manufacture of machinery and equipment n.e.c.   | 9          | 1             | 3                               |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 9          | -             | 2                               |
| 30           | Manufacture of other transport equipment  | 2          | -             | -                               |
| 31           | Manufacture of furniture  | 54         | -             | 3                               |
| 32           | Other manufacturing   | 9          | -             | 4                               |
| 33           | Repair and installation of machinery and equipment  | 4          | -             | -                               |
| <b>C</b>     | <b>Manufacturing</b>  | <b>615</b> | <b>29</b>     | <b>161</b>                      |
| 35           | Electricity, gas, steam and air conditioning supply   | 26         | -             | -                               |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>26</b>  | <b>-</b>      | <b>-</b>                        |
| 36           | Water collection, treatment and supply  | 75         | 1             | -                               |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | -          | 1             | 2                               |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>75</b>  | <b>2</b>      | <b>2</b>                        |
| <b>Total</b> |   | <b>889</b> | <b>39</b>     | <b>175</b>                      |



**Table 62: Frequency Distribution of Major Media for Export, Tanzania Mainland, CIP-2013**

| ISIC<br>REV 4 | Industrial Activity   | Directly   | Through Parent<br>Enterprise | Through Other<br>Intermediaries | Other     |
|---------------|---|------------|------------------------------|---------------------------------|-----------|
| 05            | Mining of coal and lignite  | 1          | 0                            | 0                               | 0         |
| 07            | Mining of metal ores  | 0          | 4                            | 5                               | 0         |
| 08            | Other mining and quarrying  | 8          | 2                            | 0                               | 0         |
| <b>B</b>      | <b>Mining and quarrying</b>   | <b>9</b>   | <b>6</b>                     | <b>5</b>                        | <b>0</b>  |
| 10            | Manufacture of food products  | 46         | 7                            | 16                              | 2         |
| 11            | Manufacture of beverages  | 2          | 0                            | 5                               | 0         |
| 12            | Manufacture of tobacco products   | 1          | 1                            | 2                               | 0         |
| 13            | Manufacture of textiles   | 11         | 1                            | 0                               | 1         |
| 14            | Manufacture of wearing apparel  | 1          | 0                            | 0                               | 1         |
| 15            | Manufacture of leather and related products   | 2          | 1                            | 2                               | 0         |
| 16            | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 8          | 1                            | 3                               | 0         |
| 17            | Manufacture of paper and paper products   | 3          | 1                            | 0                               | 0         |
| 18            | Printing and reproduction of recorded media   | 5          | 0                            | 2                               | 1         |
| 19            | Manufacture of coke and refined petroleum products  | 3          | 0                            | 0                               | 0         |
| 20            | Manufacture of chemicals and chemical products  | 10         | 0                            | 3                               | 1         |
| 21            | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 1          | 0                            | 0                               | 1         |
| 22            | Manufacture of rubber and plastics products   | 12         | 0                            | 1                               | 0         |
| 23            | Manufacture of other non-metallic mineral products  | 6          | 1                            | 2                               | 1         |
| 24            | Manufacture of basic metals   | 3          | 1                            | 0                               | 0         |
| 25            | Manufacture of fabricated metal products, except machinery and equipment  | 2          | 0                            | 1                               | 0         |
| 26            | Manufacture of computer, electronic and optical products  | 1          | 0                            | 0                               | 0         |
| 27            | Manufacture of electrical equipment   | 1          | 0                            | 0                               | 0         |
| 28            | Manufacture of machinery and equipment n.e.c.   | 2          | 1                            | 0                               | 1         |
| 29            | Manufacture of motor vehicles, trailers and semi-trailers   | 2          | 0                            | 0                               | 0         |
| 31            | Manufacture of furniture  | 2          | 1                            | 0                               | 0         |
| 32            | Other manufacturing   | 3          | 0                            | 1                               | 0         |
| <b>C</b>      | <b>Manufacturing</b>  | <b>127</b> | <b>16</b>                    | <b>38</b>                       | <b>9</b>  |
| 38            | Waste collection, treatment and disposal activities; materials recovery   | 1          | 1                            | 0                               | 1         |
| <b>E</b>      | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>1</b>   | <b>1</b>                     | <b>0</b>                        | <b>1</b>  |
|               | <b>Total</b>  | <b>137</b> | <b>23</b>                    | <b>43</b>                       | <b>10</b> |



**Table 63: Frequency Distribution on the Importance of Trade Agreements, Tanzania Mainland, CIP-2013**

| ISIC REV 4   | Industrial Activity  | Regional Trade Agreements |            |               | International Trade Agreements |            |               |
|--------------|--|---------------------------|------------|---------------|--------------------------------|------------|---------------|
|              |  | Very important            | Important  | Not Important | Very Important                 | Important  | Not Important |
|              | 05 Mining of coal and lignite  | -                         | -          | 1             | -                              | 1          | -             |
|              | 07 Mining of metal ores  | 14                        | 7          | 12            | 16                             | 12         | 5             |
|              | 08 Other mining and quarrying  | 75                        | 57         | 27            | 65                             | 68         | 26            |
| <b>B</b>     | <b>Mining and quarrying</b>  | <b>89</b>                 | <b>64</b>  | <b>40</b>     | <b>81</b>                      | <b>81</b>  | <b>31</b>     |
|              | 10 Manufacture of food products  | 107                       | 94         | 63            | 99                             | 101        | 64            |
|              | 11 Manufacture of beverages  | 25                        | 15         | 7             | 20                             | 17         | 10            |
|              | 12 Manufacture of tobacco products   | 2                         | -          | 2             | 2                              | -          | 2             |
|              | 13 Manufacture of textiles   | 17                        | 6          | 4             | 10                             | 8          | 9             |
|              | 14 Manufacture of wearing apparel  | 7                         | 4          | 2             | 7                              | 4          | 2             |
|              | 15 Manufacture of leather and related products   | 4                         | 6          | 5             | 3                              | 7          | 5             |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 11                        | 23         | 16            | 8                              | 21         | 21            |
|              | 17 Manufacture of paper and paper products   | 5                         | 5          | 2             | 5                              | 4          | 3             |
|              | 18 Printing and reproduction of recorded media   | 19                        | 12         | 15            | 13                             | 20         | 13            |
|              | 19 Manufacture of coke and refined petroleum products  | 1                         | 1          | 1             | 1                              | -          | 2             |
|              | 20 Manufacture of chemicals and chemical products  | 18                        | 12         | 6             | 16                             | 14         | 6             |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 2                         | 1          | 2             | 2                              | 1          | 2             |
|              | 22 Manufacture of rubber and plastics products   | 24                        | 11         | 6             | 19                             | 13         | 9             |
|              | 23 Manufacture of other non-metallic mineral products  | 20                        | 28         | 25            | 14                             | 32         | 27            |
|              | 24 Manufacture of basic metals   | 8                         | 4          | 1             | 8                              | 4          | 1             |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 22                        | 13         | 11            | 15                             | 17         | 14            |
|              | 26 Manufacture of computer, electronic and optical products  | 1                         | -          | -             | 1                              | -          | -             |
|              | 27 Manufacture of electrical equipment   | 1                         | 6          | 2             | 1                              | 5          | 3             |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 8                         | 4          | 1             | 4                              | 6          | 3             |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 6                         | 5          | -             | 5                              | 6          | -             |
|              | 30 Manufacture of other transport equipment  | 2                         | -          | -             | 2                              | -          | -             |
|              | 31 Manufacture of furniture  | 20                        | 24         | 13            | 16                             | 24         | 17            |
|              | 32 Other manufacturing   | 8                         | 5          | -             | 8                              | 5          | -             |
|              | 33 Repair and installation of machinery and equipment  | 1                         | 1          | 2             | 1                              | 1          | 2             |
| <b>C</b>     | <b>Manufacturing</b>   | <b>339</b>                | <b>280</b> | <b>186</b>    | <b>280</b>                     | <b>310</b> | <b>215</b>    |
|              | 35 Electricity, gas, steam and air conditioning supply   | 8                         | 9          | 9             | 6                              | 12         | 8             |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>8</b>                  | <b>9</b>   | <b>9</b>      | <b>6</b>                       | <b>12</b>  | <b>8</b>      |
|              | 36 Water collection, treatment and supply  | 26                        | 19         | 31            | 18                             | 24         | 34            |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | 2                         | -          | 1             | 2                              | -          | 1             |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>28</b>                 | <b>19</b>  | <b>32</b>     | <b>20</b>                      | <b>24</b>  | <b>35</b>     |
| <b>Total</b> |  | <b>464</b>                | <b>372</b> | <b>267</b>    | <b>387</b>                     | <b>427</b> | <b>289</b>    |



**Table 64: Frequency Distribution of Barriers for Expanding Establishments Exports, Tanzania Mainland, CIP-2013**

| ISIC REV 4   | Industrial Activity   | Inadequate Supply | Stringent Sanitary and Phytosanitary (SPS) Rules | Low compliance to the Market Standards | Inability to Meet Quality Standards | Inadequate Capacity to Exploit Preferential Trade Agreements | Inability to Meet Delivery Time | Limited Promotion | Inadequate Trade Negotiation Skills and Market Access | Other      |
|--------------|---|-------------------|--|--|-------------------------------------|--|---------------------------------|-------------------|---|------------|
|              | 05 Mining of coal and lignite   | -                 | -  | -                                      | -                                   | -  | 1                               | 1                 | -   | 1          |
|              | 07 Mining of metal ores   | 22                | 2  | 11                                     | 8                                   | 17   | 4                               | 12                | 11  | 8          |
|              | 08 Other mining and quarrying   | 56                | 6  | 49                                     | 49                                  | 50   | 55                              | 45                | 115   | 48         |
| <b>B</b>     | <b>Mining</b>   | <b>78</b>         | <b>8</b>   | <b>60</b>                              | <b>57</b>                           | <b>67</b>  | <b>60</b>                       | <b>58</b>         | <b>126</b>  | <b>57</b>  |
|              | 10 Manufacture of food products   | 172               | 33   | 85                                     | 69                                  | 94   | 64                              | 127               | 92  | 47         |
|              | 11 Manufacture of beverages   | 28                | 3  | 18                                     | 9                                   | 13   | 14                              | 22                | 18  | 15         |
|              | 12 Manufacture of tobacco products  | 3                 | 1  | 1                                      | 1                                   | -  | 1                               | 3                 | 1   | -          |
|              | 13 Manufacture of textiles  | 14                | -  | 12                                     | 2                                   | 5  | 10                              | 15                | 10  | 8          |
|              | 14 Manufacture of wearing apparel   | 7                 | -  | 4                                      | 5                                   | 7  | 4                               | 6                 | 4   | 2          |
|              | 15 Manufacture of leather and related products  | 6                 | 3  | 5                                      | 8                                   | 5  | 6                               | 5                 | 1   | 5          |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw | 31                | 6  | 19                                     | 18                                  | 12   | 20                              | 25                | 6   | 9          |
|              | 17 Manufacture of paper and paper products  | 9                 | 1  | 5                                      | 1                                   | 3  | 4                               | 6                 | 4   | 3          |
|              | 18 Printing and reproduction of recorded media  | 30                | 3  | 14                                     | 11                                  | 10   | 15                              | 28                | 16  | 7          |
|              | 19 Manufacture of coke and refined petroleum products   | 2                 | -  | 2                                      | 1                                   | -  | 1                               | 2                 | -   | 1          |
|              | 20 Manufacture of chemicals and chemical products   | 23                | 7  | 12                                     | 8                                   | 11   | 11                              | 20                | 9   | 6          |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations                             | 4                 | -  | 2                                      | 2                                   | -  | 2                               | 3                 | 2   | -          |
|              | 22 Manufacture of rubber and plastics products  | 21                | 2  | 13                                     | 8                                   | 13   | 16                              | 20                | 11  | 13         |
|              | 23 Manufacture of other non-metallic mineral products   | 45                | 7  | 24                                     | 17                                  | 22   | 18                              | 41                | 22  | 15         |
|              | 24 Manufacture of basic metals  | 9                 | -  | 7                                      | 3                                   | 3  | 4                               | 5                 | 5   | 3          |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment                                 | 28                | -  | 19                                     | 15                                  | 14   | 18                              | 21                | 18  | 3          |
|              | 26 Manufacture of computer, electronic and optical products   | 1                 | -  | -                                      | -                                   | -  | 1                               | -                 | 1   | -          |
|              | 27 Manufacture of electrical equipment  | 4                 | 1  | 3                                      | 1                                   | 2  | 5                               | 5                 | 3   | 2          |
|              | 28 Manufacture of machinery and equipment n.e.c.  | 8                 | 3  | 6                                      | 4                                   | 3  | 2                               | 8                 | 1   | 4          |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers  | 7                 | 1  | 4                                      | 3                                   | 4  | 3                               | 5                 | 3   | 2          |
|              | 30 Manufacture of other transport equipment   | 1                 | -  | 1                                      | 1                                   | -  | 1                               | 2                 | -   | -          |
|              | 31 Manufacture of furniture   | 30                | 7  | 27                                     | 9                                   | 28   | 17                              | 23                | 12  | 8          |
|              | 32 Other manufacturing  | 8                 | -  | 7                                      | 2                                   | 4  | 2                               | 8                 | 6   | 2          |
|              | 33 Repair and installation of machinery and equipment   | 2                 | -  | 1                                      | 1                                   | -  | 3                               | 1                 | 1   | 1          |
| <b>C</b>     | <b>Manufacturing</b>  | <b>493</b>        | <b>78</b>  | <b>291</b>                             | <b>199</b>                          | <b>253</b>   | <b>242</b>                      | <b>401</b>        | <b>246</b>  | <b>156</b> |
|              | 35 Electricity, gas, steam and air conditioning supply  | 19                | 2  | 8                                      | 9                                   | 5  | 7                               | 10                | 9   | 5          |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>19</b>         | <b>2</b>   | <b>8</b>                               | <b>9</b>                            | <b>5</b>   | <b>7</b>                        | <b>10</b>         | <b>9</b>  | <b>5</b>   |
|              | 36 Water collection, treatment and supply   | 51                | 8  | 24                                     | 31                                  | 15   | 31                              | 25                | 21  | 15         |
|              | 38 Waste collection, treatment and disposal activities  | 1                 | -  | 1                                      | 2                                   | 1  | 1                               | 1                 | 1   | 1          |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>                                  | <b>52</b>         | <b>8</b>   | <b>25</b>                              | <b>33</b>                           | <b>16</b>  | <b>32</b>                       | <b>26</b>         | <b>22</b>   | <b>16</b>  |
| <b>Total</b> |   | <b>642</b>        | <b>96</b>  | <b>384</b>                             | <b>298</b>                          | <b>341</b>   | <b>341</b>                      | <b>495</b>        | <b>403</b>  | <b>234</b> |



**Table 65: Frequency Distribution of Establishment Environmental Management, Tanzania Mainland, CIP-2013**

| ISIC Rev. 4  | Industrial Activity  | Is there any environmental management plan? |            | Does the establishment have treatment facilities for wastes? |            | Does the establishment have a Certificate of Environmental Impact Assessment (EIA)/Audit? |            |
|--------------|--|---|------------|--|------------|---|------------|
|              |  | Yes   | No         | Yes  | No         | Yes   | No         |
|              | 05 Mining of coal and lignite  | 1   | -          | -  | 1          | 1   | -          |
|              | 07 Mining of metal ores  | 27  | 6          | 26   | 7          | 13  | 20         |
|              | 08 Other mining and quarrying  | 89  | 70         | 86   | 73         | 18  | 141        |
| <b>B</b>     | <b>Mining and quarrying</b>  | <b>117</b>                                  | <b>76</b>  | <b>112</b>   | <b>81</b>  | <b>32</b>   | <b>161</b> |
|              | 10 Manufacture of food products  | 202   | 62         | 195  | 69         | 83  | 181        |
|              | 11 Manufacture of beverages  | 41  | 6          | 37   | 10         | 29  | 18         |
|              | 12 Manufacture of tobacco products   | 4   | -          | 3  | 1          | 4   | -          |
|              | 13 Manufacture of textiles   | 17  | 10         | 19   | 8          | 9   | 18         |
|              | 14 Manufacture of wearing apparel  | 7   | 6          | 7  | 6          | 3   | 10         |
|              | 15 Manufacture of leather and related products   | 8   | 7          | 12   | 3          | 5   | 10         |
|              | 16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 30  | 20         | 26   | 24         | 6   | 44         |
|              | 17 Manufacture of paper and paper products   | 9   | 3          | 9  | 3          | 4   | 8          |
|              | 18 Printing and reproduction of recorded media   | 31  | 15         | 34   | 12         | 6   | 40         |
|              | 19 Manufacture of coke and refined petroleum products  | 3   | -          | 3  | -          | 3   | -          |
|              | 20 Manufacture of chemicals and chemical products  | 29  | 7          | 27   | 9          | 18  | 18         |
|              | 21 Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 4   | 1          | 5  | -          | 4   | 1          |
|              | 22 Manufacture of rubber and plastics products   | 29  | 12         | 37   | 4          | 21  | 20         |
|              | 23 Manufacture of other non-metallic mineral products  | 35  | 38         | 33   | 40         | 15  | 58         |
|              | 24 Manufacture of basic metals   | 12  | 1          | 10   | 3          | 8   | 5          |
|              | 25 Manufacture of fabricated metal products, except machinery and equipment  | 27  | 19         | 27   | 19         | 11  | 35         |
|              | 26 Manufacture of computer, electronic and optical products  | 1   | -          | 1  | -          | 1   | -          |
|              | 27 Manufacture of electrical equipment   | 8   | 1          | 4  | 5          | 1   | 8          |
|              | 28 Manufacture of machinery and equipment n.e.c.   | 7   | 6          | 7  | 6          | 1   | 12         |
|              | 29 Manufacture of motor vehicles, trailers and semi-trailers   | 6   | 5          | 7  | 4          | 3   | 8          |
|              | 30 Manufacture of other transport equipment  | 2   | -          | 2  | -          | 2   | -          |
|              | 31 Manufacture of furniture  | 40  | 17         | 40   | 17         | 11  | 46         |
|              | 32 Other manufacturing   | 8   | 5          | 11   | 2          | 5   | 8          |
|              | 33 Repair and installation of machinery and equipment  | 1   | 3          | 2  | 2          | -   | 4          |
| <b>C</b>     | <b>Manufacturing</b>   | <b>561</b>                                  | <b>244</b> | <b>558</b>   | <b>247</b> | <b>253</b>  | <b>552</b> |
|              | 35 Electricity, gas, steam and air conditioning supply   | 16  | 10         | 16   | 10         | 10  | 16         |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>   | <b>16</b>                                   | <b>10</b>  | <b>16</b>  | <b>10</b>  | <b>10</b>   | <b>16</b>  |
|              | 36 Water collection, treatment and supply  | 58  | 18         | 25   | 51         | 15  | 61         |
|              | 38 Waste collection, treatment and disposal activities; materials recovery   | 2   | 1          | 3  | -          | 2   | 1          |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>   | <b>60</b>                                   | <b>19</b>  | <b>28</b>  | <b>51</b>  | <b>17</b>   | <b>62</b>  |
| <b>Total</b> |  | <b>754</b>                                  | <b>349</b> | <b>714</b>   | <b>389</b> | <b>312</b>  | <b>791</b> |



**Table 66: Frequency Distribution of Methods of Treatment Used by Establishments, Tanzania Mainland, CIP-2013**

| ISIC REV 4   | Industrial Activity   | Recycling  | Incineration | Landfill   | Composition | Municipal Facilities | Other     |
|--------------|---|------------|--------------|------------|-------------|----------------------|-----------|
| 05           | Mining of coal and lignite  | -          | -            | -          | -           | -                    | -         |
| 07           | Mining of metal ores  | 6          | 11           | 16         | 8           | -                    | 3         |
| 08           | Other mining and quarrying  | 11         | 32           | 62         | 6           | 8                    | 13        |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>17</b>  | <b>43</b>    | <b>78</b>  | <b>14</b>   | <b>8</b>             | <b>16</b> |
| 10           | Manufacture of food products  | 52         | 59           | 51         | 46          | 101                  | 22        |
| 11           | Manufacture of beverages  | 18         | 9            | 7          | 3           | 26                   | 2         |
| 12           | Manufacture of tobacco products   | 2          | 2            | 1          | -           | 2                    | -         |
| 13           | Manufacture of textiles   | 13         | 3            | 1          | 2           | 8                    | 2         |
| 14           | Manufacture of wearing apparel  | 2          | 1            | -          | 1           | 4                    | -         |
| 15           | Manufacture of leather and related products   | 6          | 4            | 1          | 3           | 10                   | -         |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 5          | 9            | 8          | 4           | 9                    | 4         |
| 17           | Manufacture of paper and paper products   | 5          | 1            | 1          | -           | 7                    | 1         |
| 18           | Printing and reproduction of recorded media   | 13         | 4            | 2          | -           | 22                   | 1         |
| 19           | Manufacture of coke and refined petroleum products  | 1          | -            | -          | 1           | 3                    | -         |
| 20           | Manufacture of chemicals and chemical products  | 12         | 3            | 4          | 3           | 18                   | 4         |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 1          | 2            | -          | -           | -                    | 2         |
| 22           | Manufacture of rubber and plastics products   | 27         | 3            | -          | 1           | 24                   | 1         |
| 23           | Manufacture of other non-metallic mineral products  | 7          | 7            | 8          | 3           | 21                   | -         |
| 24           | Manufacture of basic metals   | 4          | 3            | 2          | 1           | 5                    | 1         |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 11         | 2            | 2          | 3           | 21                   | 1         |
| 26           | Manufacture of computer, electronic and optical products  | 1          | -            | -          | -           | 1                    | -         |
| 27           | Manufacture of electrical equipment   | 2          | -            | -          | -           | 4                    | -         |
| 28           | Manufacture of machinery and equipment n.e.c.   | -          | 1            | 1          | 2           | 4                    | -         |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 3          | -            | 1          | 1           | 7                    | -         |
| 30           | Manufacture of other transport equipment  | 1          | -            | -          | -           | 2                    | -         |
| 31           | Manufacture of furniture  | 11         | 8            | 2          | 4           | 22                   | 4         |
| 32           | Other manufacturing   | 4          | 1            | -          | 1           | 9                    | 2         |
| 33           | Repair and installation of machinery and equipment  | 1          | -            | -          | -           | 2                    | -         |
| <b>C</b>     | <b>Manufacturing</b>  | <b>202</b> | <b>122</b>   | <b>92</b>  | <b>79</b>   | <b>332</b>           | <b>47</b> |
| 35           | Electricity, gas, steam and air conditioning supply   | 6          | 5            | 6          | 3           | 6                    | 3         |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>6</b>   | <b>5</b>     | <b>6</b>   | <b>3</b>    | <b>6</b>             | <b>3</b>  |
| 36           | Water collection, treatment and supply  | 4          | 5            | 6          | 2           | 8                    | 8         |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 2          | -            | -          | -           | 1                    | -         |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>6</b>   | <b>5</b>     | <b>6</b>   | <b>2</b>    | <b>9</b>             | <b>8</b>  |
| <b>Total</b> |   | <b>231</b> | <b>175</b>   | <b>182</b> | <b>98</b>   | <b>355</b>           | <b>74</b> |



**Table 67: Frequency Distribution of Establishments Investment Plan, Tanzania Mainland, CIP-2013**

| ISIC REV 4   | Industrial Activity   | Does the establishment have any Investment Plan? |            | Investment Plan Implemented  |                               |                      |
|--------------|---|--|------------|------------------------------|-------------------------------|----------------------|
|              |   | Yes  | No         | Replacement of Old Machinery | Expanding Production Capacity | Technology Upgrading |
| 05           | Mining of coal and lignite  | 1  | -          | -                            | -                             | 1                    |
| 07           | Mining of metal ores  | 25   | 8          | 20                           | 24                            | 18                   |
| 08           | Other mining and quarrying  | 126  | 33         | 119                          | 111                           | 112                  |
| <b>B</b>     | <b>Mining and quarrying</b>   | <b>152</b>                                       | <b>41</b>  | <b>139</b>                   | <b>135</b>                    | <b>131</b>           |
| 10           | Manufacture of food products  | 195  | 69         | 135                          | 173                           | 152                  |
| 11           | Manufacture of beverages  | 38   | 9          | 25                           | 34                            | 33                   |
| 12           | Manufacture of tobacco products   | 4  | -          | 3                            | 4                             | 3                    |
| 13           | Manufacture of textiles   | 18   | 9          | 14                           | 16                            | 14                   |
| 14           | Manufacture of wearing apparel  | 9  | 4          | 6                            | 9                             | 7                    |
| 15           | Manufacture of leather and related products   | 12   | 3          | 6                            | 11                            | 10                   |
| 16           | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | 32   | 18         | 21                           | 24                            | 22                   |
| 17           | Manufacture of paper and paper products   | 10   | 2          | 10                           | 10                            | 9                    |
| 18           | Printing and reproduction of recorded media   | 36   | 10         | 25                           | 28                            | 30                   |
| 19           | Manufacture of coke and refined petroleum products  | 3  | -          | 3                            | 3                             | 3                    |
| 20           | Manufacture of chemicals and chemical products  | 28   | 8          | 19                           | 24                            | 18                   |
| 21           | Manufacture of basic pharmaceutical products and pharmaceutical preparations  | 4  | 1          | 3                            | 2                             | 3                    |
| 22           | Manufacture of rubber and plastics products   | 29   | 12         | 21                           | 28                            | 25                   |
| 23           | Manufacture of other non-metallic mineral products  | 47   | 26         | 33                           | 41                            | 37                   |
| 24           | Manufacture of basic metals   | 11   | 2          | 6                            | 7                             | 6                    |
| 25           | Manufacture of fabricated metal products, except machinery and equipment  | 32   | 14         | 22                           | 28                            | 26                   |
| 26           | Manufacture of computer, electronic and optical products  | 1  | -          | 1                            | 1                             | 1                    |
| 27           | Manufacture of electrical equipment   | 9  | -          | 4                            | 8                             | 8                    |
| 28           | Manufacture of machinery and equipment n.e.c.   | 10   | 3          | 9                            | 7                             | 9                    |
| 29           | Manufacture of motor vehicles, trailers and semi-trailers   | 11   | -          | 9                            | 8                             | 8                    |
| 30           | Manufacture of other transport equipment  | 2  | -          | 2                            | 2                             | 2                    |
| 31           | Manufacture of furniture  | 40   | 17         | 32                           | 32                            | 30                   |
| 32           | Other manufacturing   | 10   | 3          | 8                            | 9                             | 8                    |
| 33           | Repair and installation of machinery and equipment  | 3  | 1          | 1                            | 1                             | 2                    |
| <b>C</b>     | <b>Manufacturing</b>  | <b>594</b>                                       | <b>211</b> | <b>418</b>                   | <b>510</b>                    | <b>466</b>           |
| 35           | Electricity, gas, steam and air conditioning supply   | 19   | 7          | 11                           | 18                            | 14                   |
| <b>D</b>     | <b>Electricity, gas, steam and air conditioning supply</b>  | <b>19</b>  | <b>7</b>   | <b>11</b>                    | <b>18</b>                     | <b>14</b>            |
| 36           | Water collection, treatment and supply  | 61   | 15         | 38                           | 56                            | 42                   |
| 38           | Waste collection, treatment and disposal activities; materials recovery   | 3  | -          | 2                            | 3                             | 1                    |
| <b>E</b>     | <b>Water supply; sewerage, waste management and remediation activities</b>  | <b>64</b>  | <b>15</b>  | <b>40</b>                    | <b>59</b>                     | <b>43</b>            |
| <b>Total</b> |   | <b>829</b>                                       | <b>274</b> | <b>608</b>                   | <b>722</b>                    | <b>654</b>           |



**Table 68(a): Frequency Distribution of Establishments Information Technology Infrastructure and Related Services, Tanzania Mainland, CIP-2013**

| Infrastructure     | Does your establishment use the following |              | Description      | What type of Internet Connectivity does your business use? |              |
|--------------------|---|--------------|------------------|--|--------------|
|                    | Yes                                       | No           |                  | Yes  | No           |
| Computer           | 719                                       | 384          | Fixed Line       | 307  | 795          |
| Telephone System   | 611                                       | 492          | Wireless (Wimax) | 343  | 759          |
| Mobile Phones      | 1,025                                     | 78           | Satellite (VSAT) | 82   | 1,020        |
| Website            | 408                                       | 695          | Mobile Modem     | 522  | 580          |
| Local Area Network | 392                                       | 711          | Fibre Connection | 116  | 986          |
| Intranet           | 219                                       | 884          | Other            | 31   | 1,071        |
| Extranet           | 89  | 1,014        |                  |  |              |
| Internet           | 611                                       | 492          |                  |  |              |
| CCTV               | 275                                       | 827          |                  |  |              |
| <b>Total</b>       | <b>4,349</b>                              | <b>5,577</b> |                  | <b>1,401</b>   | <b>5,211</b> |



**Table 68(b): Frequency Distribution of Establishments Information Technology Infrastructure and Related Services, Tanzania Mainland, CIP-2013**

| Description                   | How has the use of Modern Technology and ICT affected the following? |              |              | Description                             | Does the Establishment use e-business in the following? |              |
|-------------------------------|--|--------------|--------------|---|---|--------------|
|                               | Positive   | Negative     | Neutral      |   | Yes   | No           |
| Employment                    | 568  | 292          | 243          | Place orders for goods and services     | 425   | 678          |
| Production                    | 657  | 215          | 231          | Receiving orders for goods and services | 437   | 666          |
| Sales                         | 721  | 194          | 188          | Purchase of goods and services          | 343   | 760          |
| Communication                 | 822  | 157          | 124          | Selling of goods and services           | 268   | 835          |
| Record Management             | 653  | 210          | 240          | Pay taxes                               | 322   | 781          |
| Transaction Time              | 610  | 231          | 262          | Statutory deduction                     | 230   | 873          |
| Business Cost                 | 539  | 269          | 295          | Salaries                                | 209   | 894          |
| Keeping Pace with Competitors | 513  | 275          | 315          |   |   |              |
| Other                         | 89   | 757          | 255          |   |   |              |
| <b>Total</b>                  | <b>5,172</b>   | <b>2,600</b> | <b>2,153</b> | <b>Total</b>                            | <b>2,234</b>  | <b>5,487</b> |



**Table 69: Frequency Distribution of Major Challenges Facing the Establishments, Tanzania Mainland, CIP-2013**

| Challenges                              | (10+)        |              | (1-9)         |              |
|---|--------------|--------------|---------------|--------------|
|   | Number       | Percent      | Number        | Percent      |
| High cost of production                 | 881          | 15.1         | 7,303         | 11.8         |
| Inadequate technology                   | 371          | 6.4          | 5,095         | 8.3          |
| Equate physical infrastructure          | 514          | 8.8          | 3,620         | 5.9          |
| Complicated administrative procedures   | 180          | 3.1          | 1,889         | 3.1          |
| Shortage of qualified labour            | 360          | 6.2          | 1,966         | 3.2          |
| Foreign currency fluctuations           | 418          | 7.2          | 777           | 1.3          |
| Insufficient production capacity        | 282          | 4.8          | 4,170         | 6.8          |
| Shortage of raw materials               | 436          | 7.5          | 4,552         | 7.4          |
| Taxes                                   | 292          | 5.0          | 2,748         | 4.5          |
| Insufficient demand                     | 243          | 4.2          | 4,475         | 7.3          |
| Unfair competition                      | 379          | 6.5          | 3,304         | 5.4          |
| Infant Private Sector with weak support | 256          | 4.4          | 4,822         | 7.8          |
| Environmental challenges                | 274          | 4.7          | 3,928         | 6.4          |
| HIV/AIDS pandemic                       | 118          | 2.0          | 1,190         | 1.9          |
| Uncertain economic environment          | 348          | 6.0          | 5,197         | 8.4          |
| Inadequate financial services           | 276          | 4.7          | 3,645         | 5.9          |
| Others                                  | 194          | 3.3          | 3,031         | 4.9          |
| <b>Total</b>                            | <b>5,822</b> | <b>100.0</b> | <b>61,712</b> | <b>100.0</b> |



**Table 70(a): Average Utilization of Production Capacity by Products, Tanzania Mainland, CIP-2013**

| CPC Code     | Product Description   | Average Capacity Utilization (Percent) |
|--------------|---|--|
| 01           | Products of agriculture, horticulture and market gardening                | 65.3                                   |
| 02           | Live animals and animal products  | 49.7                                   |
| 03           | Forestry and logging products   | 37.8                                   |
| 04           | Fish and other fishing products   | 65.0                                   |
| 11           | Coal and lignite; peat  | 25.0                                   |
| 12           | Crude petroleum and natural gas   | 82.3                                   |
| 15           | Stone, sand and clay  | 60.8                                   |
| 16           | Other minerals  | 79.1                                   |
| 17           | Electricity, town gas, steam and hot water                                | 75.0                                   |
| 18           | Water   | 63.3                                   |
| 21           | Meat, fish, fruit, vegetables, oils and fats                              | 57.3                                   |
| 22           | Dairy products  | 53.1                                   |
| 23           | Grain mill products, starches and starch products; other food products    | 58.2                                   |
| 24           | Beverages   | 63.0                                   |
| 25           | Tobacco products  | 93.8                                   |
| 26           | Yarn and thread; woven and tufted textile fabrics                         | 57.7                                   |
| 27           | Textile articles other than apparel                                       | 59.6                                   |
| 28           | Knitted or crocheted fabrics; wearing apparel                             | 51.9                                   |
| 29           | Leather and leather products; footwear                                    | 64.0                                   |
| 31           | Products of wood, cork, straw and plaiting materials                      | 53.1                                   |
| 32           | Pulp, paper and paper products; printed matter and related articles       | 64.2                                   |
| 33           | Coke oven products; refined petroleum products; nuclear fuel              | 68.8                                   |
| 34           | Basic chemicals   | 66.7                                   |
| 35           | Other chemical products; man-made fibres                                  | 65.4                                   |
| 36           | Rubber and plastics products  | 64.7                                   |
| 37           | Glass and glass products and other non-metallic products n.e.c.           | 63.3                                   |
| 38           | Furniture; other transportable goods n.e.c.                               | 60.3                                   |
| 39           | Wastes or scraps  | 58.2                                   |
| 41           | Basic metals  | 59.4                                   |
| 42           | Fabricated metal products, except machinery and equipment                 | 64.0                                   |
| 43           | General-purpose machinery   | 72.6                                   |
| 44           | Special-purpose machinery   | 63.3                                   |
| 45           | Office, accounting and computing machinery                                | 77.0                                   |
| 46           | Electrical machinery and apparatus  | 70.5                                   |
| 47           | Radio, television and communication equipment and apparatus               | 72.3                                   |
| 48           | Medical appliances, precision and optical instruments, watches and clocks | 62.3                                   |
| 49           | Transport equipment   | 57.6                                   |
| 99           | Services provided by extraterritorial organizations and bodies            | 68.5                                   |
| <b>Total</b> |   | <b>63.0</b>                            |



**Table 70(b): Average Utilization of Production Capacity by Products, Tanzania Mainland, CIP-2013**

| Reasons  | If establishments are experiencing capacity under-utilization, what might be the reasons among the following |              |              |                |
|--|--|--------------|--------------|----------------|
|  | High   | Moderate     | Low          | Not Applicable |
| Insufficient Domestic Demand                                 | 214  | 192          | 119          | 409            |
| Shortage of Domestic Inputs                                  | 117  | 179          | 116          | 521            |
| Shortage of Imported Inputs                                  | 33   | 82           | 106          | 713            |
| Old Plant Machinery and Equipment                            | 98   | 140          | 158          | 539            |
| Plant Maintenance Problems Due to Lack of Spare Parts        | 115  | 166          | 163          | 490            |
| Plant Maintenance Problems Due to Shortage of Skilled Labour | 76   | 143          | 135          | 580            |
| High Cost of Credits   | 134  | 114          | 85           | 601            |
| Inadequate Access to Financial Services                      | 118  | 137          | 112          | 567            |
| Insufficient Power Supply                                    | 354  | 215          | 95           | 270            |
| Insufficient Water Supply                                    | 100  | 150          | 113          | 571            |
| Competition from Imports                                     | 144  | 113          | 104          | 573            |
| Loss of Product Due to Strikes/Stoppages                     | 27   | 43           | 84           | 780            |
| Un-competitiveness of Exports                                | 50   | 47           | 73           | 764            |
| Poor Transport Facilities/High Transport Cost                | 145  | 150          | 120          | 519            |
| Inability to Grant Credits to Customers                      | 77   | 85           | 95           | 677            |
| Counterfeits   | 58   | 48           | 83           | 745            |
| Others   | 76   | 18           | 6            | 835            |
| <b>Total</b>   | <b>1,936</b>   | <b>2,022</b> | <b>1,767</b> | <b>10,154</b>  |



**Table 70(c): Average Utilization of Production Capacity by Product, Tanzania Mainland, CIP-2013**

| Reason                   | If reason for capacity under-utilization is due to un-competitiveness in exports is high or moderate or low, what might be the reasons among the following |            |            |                |
|--------------------------|--|------------|------------|----------------|
|                          | High   | Moderate   | Low        | Not Applicable |
| High Cost of Materials   | 168  | 86         | 25         | 63             |
| High Cost of Fuel        | 127  | 99         | 41         | 75             |
| High Cost of Electricity | 157  | 85         | 32         | 68             |
| High Cost of Labour      | 79   | 130        | 61         | 72             |
| Poor Quality of Products | 45   | 106        | 75         | 116            |
| <b>Total</b>             | <b>576</b>   | <b>506</b> | <b>234</b> | <b>394</b>     |



**Table 71: Number of Establishments and Average Percentage by Major Countries of Export, Tanzania Mainland, CIP-2013**

| Country Name                     | Number     | Average Percentage |
|----------------------------------|------------|--------------------|
| Burundi                          | 22         | 30.7               |
| China                            | 21         | 53.2               |
| Congo                            | 16         | 50.3               |
| Democratic Republic of the Congo | 15         | 31.7               |
| Germany                          | 11         | 41.8               |
| India                            | 16         | 55.8               |
| Kenya                            | 35         | 54.9               |
| Malawi                           | 18         | 29.3               |
| Rwanda                           | 23         | 36.3               |
| United Arab Emirates             | 10         | 22.2               |
| Uganda                           | 13         | 35.9               |
| United Kingdom                   | 16         | 70.4               |
| United States                    | 11         | 39.2               |
| Zambia                           | 22         | 35.4               |
| Others                           | 101        | 36.6               |
| <b>Total</b>                     | <b>350</b> | <b>41.6</b>        |



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