



The United Republic of Tanzania

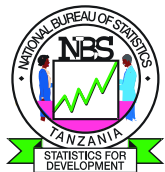
# ANNUAL SURVEY OF INDUSTRIAL PRODUCTION 2015 STATISTICAL REPORT



October 2018



**The United Republic of Tanzania**



**National Bureau of Statistics**

**Ministry of Industry, Trade and Investment**

**Annual Survey of Industrial Production, 2015  
Statistical Report**

**November, 2018**

## TABLE OF CONTENTS

LIST OF FIGURES .....	v
LIST OF TEXT TABLES.....	v
LIST OF ANNEX TABLES.....	vi
ABBREVIATIONS .....	xi
ACKNOWLEDGEMENTS.....	xii
EXECUTIVE SUMMARY .....	xiii
1.0 OVERVIEW .....	1
1.1 Introduction.....	1
1.2 Objectives .....	1
1.3 Scope and Coverage.....	1
1.3.1 Mining and quarrying .....	2
1.3.2 Manufacturing.....	2
1.3.3 Electricity, Gas, Steam and Air Conditioning Supply .....	3
1.3.4 Water Supply, Sewerage, Waste Management and Remediation Activities .....	3
2.0 TERMS AND DEFINITIONS.....	4
2.1 Industrial Activity .....	4
2.2 Number of Persons Engaged.....	4
2.3 Working Proprietors and Partners.....	4

2.4	Unpaid Workers .....	4
2.5	Employees .....	4
2.6	Managerial and Professional Staff .....	4
2.7	Operatives- Skilled.....	5
2.8	Operatives, Non-Skilled.....	5
2.9	Other Employees.....	5
2.10	Labour Cost.....	5
2.11	Gross Wages and Salaries Paid to Employees .....	5
2.12	Overtime Payments .....	5
2.13	Reimbursement of Travel Expenses .....	5
2.14	Payments in Kind.....	5
2.15	Intermediate Consumption or Production Cost.....	6
2.16	Gross Output .....	6
2.17	Gross Value Added .....	6
2.18	Net Value Added.....	6
2.19	Gross Operating Surplus .....	6
2.20	Depreciation .....	6
2.21	Expenditure on Fixed Assets .....	6
2.22	Gross Additions to Fixed Assets.....	7
2.23	Value of Inventories (stocks).....	7

2.24	Basic Price .....	7
2.25	Purchasers' Price.....	7
2.26	Employment Size.....	7
2.27	Ownership.....	7
3.0	METHODOLOGY .....	8
3.1	Reference Period.....	8
3.2	Industrial Classification .....	8
3.3	Unit of Enquiry .....	8
3.4	Scope and Coverage.....	8
3.5	The Questionnaire.....	8
3.5.1	General Information.....	9
3.5.2	Employment.....	9
3.5.3	Labour Cost.....	9
3.5.4	Production Cost.....	9
3.5.5	Output .....	9
3.5.6	Value of Inventory .....	9
3.5.7	Value of Fixed Assets .....	10
3.6	Response Rate.....	10
3.7	Data Processing.....	10
3.9	Organisation of the Report.....	10

4.0	MAJOR FINDINGS .....	11
4.1	Limitations of the Presented Statistics .....	11
4.2	Findings.....	12
4.2.1	Number of Establishments .....	12
4.2.2	Number of Persons Engaged.....	13
4.2.3	Labour Cost by Industrial Sub-Sector.....	13
4.2.4	Gross Output .....	14
4.2.5	Cost of Production .....	15
4.2.6	Qualitative Data .....	15
4.2.6.1	Membership to Associations .....	16
4.2.6.2	Establishments Business Licensing.....	16
4.2.6.3	Tenure.....	17
4.2.6.4	Quality Assurance .....	17
4.2.6.5	Medium of Exports.....	18
4.2.6.6	Importance of Trade Agreements.....	18
4.2.6.7	Environmental Management Plan, Treatment Facilities for Wastes and Certificate of Environmental Impact Assessment (EIA).....	19
4.2.6.8	Investment Plan .....	19
4.2.6.9	Establishments Information Technology Infrastructure Status .....	20

## LIST OF FIGURES

Figure 4. 1: Labour Cost by Industrial Sub-Sector, ASIP 2015 .....	14
Figure 4. 2: Percentage Distribution of the Tenure of Buildings Owned.....	17

## LIST OF TEXT TABLES

Table 4. 1: Labour Cost by Item, ASIP 2015 .....	14
Table 4. 2: Establishments Membership to Associations, by Industrial Sub-Sector, ASIP 2015.....	16
Table 4. 3: Frequency Distribution for Establishments Registration by Industrial Sub-Sector, ASIP 2015 .....	16
Table 4. 4: Distribution of Respondents on Certification of Products by Industrial Sub-Sector, ASIP 2015 .....	17
Table 4. 5: Media of Exports by Industrial Sub-Sector, ASIP 2015.....	18
Table 4. 6: Ranking the Importance of Regional Trade Agreements by Industrial Sub-Sector, ASIP 2015 .....	18
Table 4. 7: Environmental Management Plan by Industrial Sub-Sector, ASIP 2015.....	19
Table 4. 8: Percentage Distribution of Establishment Investment Plan by Industrial Sub-Sector, ASIP 2015.....	19
Table 4. 9: Establishments Information Technology Infrastructure Status, by Type, ASIP 2015 .....	20

## LIST OF ANNEX TABLES

Table 1:	Number of Establishments by Industrial Activity and Region, Tanzania Mainland, ASIP-2015 .....	22
Table 2:	Number of Establishments by Industrial Activity and Form of Ownership, Tanzania Mainland, ASIP-2015 .....	23
Table 3:	Number of Establishments by Industrial Activity and Origin of Ownership, Tanzania Mainland, ASIP-2015 .....	24
Table 4:	Number of Establishments by Industrial Activity and Employment Size, Tanzania Mainland, ASIP-2015 .....	25
Table 5:	Number of Establishments by Region and Employment Size, Tanzania Mainland, ASIP-2015 .....	26
Table 6:	Number of Establishments by Industrial Activity and Type of Legal Organization, Tanzania Mainland, ASIP-2015 .....	27
Table 7:	Number of Establishments by Industrial Activity and Year Operation Started, Tanzania Mainland, ASIP-2015.....	28
Table 8:	Number of Establishments by Region and Year Operation Started, Tanzania Mainland, ASIP-2015 .....	29
Table 9:	Number of Persons Engaged by Industrial Activity and Region, Tanzania Mainland, ASIP-2015.....	30
Table 10:	Number of Persons Engaged by Industrial Activity and Form of Ownership, Tanzania Mainland, ASIP-2015.....	31
Table 11:	Number of Persons Engaged by Industrial Activity and Origin of Ownership, Tanzania Mainland, ASIP-2015 .....	32
Table 12:	Number of Persons Engaged by Industrial Activity and Employment Size, Tanzania Mainland, ASIP-2015.....	33
Table 13:	Number of Persons Engaged by Region and Employment Size, Tanzania Mainland, ASIP-2015.....	34
Table 14:	Number of Person Engaged by Industrial Activity and Type of Legal Organisation, Tanzania Mainland, ASIP-2015.....	35
Table 15:	Number of Persons Engaged by Industrial Activity and Year Operation Started, Tanzania Mainland, ASIP-2015 .....	36
Table 16:	Number of Persons Engaged by Region and Year Operation Started, Tanzania Mainland, ASIP-2015 .....	37



Table 17:	Evolution in Persons Engaged by Industrial Activity and Sex, June to December 2015, Tanzania Mainland, ASIP-2015 .....	38
Table 18:	Evolution in Persons Engaged by Region and Sex, June to December 2015, Tanzania Mainland, ASIP-2015 .....	39
Table 19:	Number of Persons Engaged by Industrial Activity, Employment Status and Sex, Tanzania Mainland, ASIP-2015 .....	40
Table 20:	Number of Persons Engaged by Industrial Activity, Nationality and Sex, Tanzania Mainland, ASIP-2015 .....	44
Table 21:	Compensation of Employees and Labour Costs by Industrial Activity, Tanzania Mainland, ASIP-2015.....	46
Table 22:	Intermediate Consumption by Industrial Activity, Tanzania Mainland, ASIP-2015 .....	49
Table 23:	Electricity, Water and Fuels Consumed by Industrial Activity, Tanzania Mainland, ASIP-2015 .....	51
Table 24:	Services Consumed by Industrial Activity, Tanzania Mainland, ASIP-2015 .....	53
Table 25:	Raw Materials Purchased by Product Category and Origin, Tanzania Mainland, ASIP-2015 .....	56
Table 26:	Component of Gross Output by Industrial Activity, Tanzania Mainland, ASIP-2015.....	57
Table 27:	Production Account by Industrial Activity, Tanzania Mainland, ASIP-2015 .....	59
Table 28:	Sales of Products by Category and Destination, Tanzania Mainland, ASIP-2015 .....	60
Table 29:	Value of Inventories/Stocks by Industrial Activity, Tanzania Mainland, ASIP-2015 .....	61
Table 30:	Value of Fixed Assets at the end of 2015 by Industrial Activity and Type of Assets, Tanzania Mainland, ASIP-2015 .....	63
Table 31:	Net Investment by Industrial Activity and Type of Asset, Tanzania Mainland, ASIP-2015 .....	65
Table 32:	Number of Establishments and Persons Engaged by Industrial Activity, Tanzania Mainland, ASIP-2015 .....	67
Table 33:	Remuneration by Industrial Activity, Tanzania Mainland, ASIP-2015 .....	69

Table 34:	Value Added by Industrial Activity, Tanzania Mainland, ASIP-2015 .....	71
Table 35(a):	Stocks Held at the Beginning by Industrial Activity, Tanzania Mainland, ASIP-2015 .....	73
Table 35 (b):	Stocks held by Industrial Activity, Tanzania Mainland, ASIP-2015.....	75
Table 36:	Expenditure on Fixed Assets by Industrial Activity, Tanzania Mainland, ASIP-2015 .....	77
Table 37:	Number of Establishments by Industrial Activity and Region, Tanzania Mainland, ASIP-2015 .....	80
Table 38:	Number of Establishments, Employees, Total Persons Engaged, Total Labour Cost, Gross Output, Intermediate Consumption and Value Added by Region, Tanzania Mainland, ASIP-2015 .....	82
Table 39:	Number of Persons Engaged in Industry by Ownership, Tanzania Mainland, ASIP-2015.....	83
Table 40:	Total Labour Cost in Industry by Ownership, Tanzania Mainland, ASIP-2015 .....	84
Table 41:	Number of Establishments, Gross Output, Production Cost and Value Added in Industry by Ownership, Tanzania Mainland, ASIP-2015.....	86
Table 42:	Number of Establishments in Industry by Size of Establishment, Tanzania Mainland, ASIP-2015.....	87
Table 43:	Number of Employees by Employment Size, Tanzania Mainland, ASIP-2015 .....	89
Table 44:	Number of Persons Engaged by Employment Size, Tanzania Mainland, ASIP-2015 .....	91
Table 45:	Total Labour Cost in Industry by Employment Size, Tanzania Mainland, ASIP-2015 .....	92
Table 46:	Wages and Salaries in Industry by Employment Size, Tanzania Mainland, ASIP-2015 .....	93
Table 47:	Gross Output in Industry by Employment Size, Tanzania Mainland, ASIP-2015 .....	94
Table 48	Total Intermediate Consumption in Industry by Employment Size, Tanzania Mainland, ASIP-2015 .....	95

Table 49:	Value Added in Industry by Employment Size, Tanzania Mainland, ASIP-2015 .....	96
Table 50:	Value of Energy Consumed by Industrial Activity and Type, Tanzania Mainland, ASIP-2015.....	97
Table 51:	Frequency Distribution for Establishments Membership, Tanzania Mainland, ASIP-2015 .....	98
Table 52:	Frequency Distribution for Awareness of Services/Functions Provided by Institutions, Tanzania Mainland, ASIP-2015 .....	99
Table 53:	Frequency Distribution for Establishments Registration, Tanzania Mainland, ASIP-2015 .....	100
Table 54:	Frequency Distribution of Tenure of Buildings Occupied for Own Business, Tanzania Mainland, ASIP-2015.....	101
Table 55:	Frequency Distribution of Establishment Products Certified by Government Institutions /Authorities, Tanzania Mainland, ASIP-2015.....	102
Table 56:	Frequency Distribution of Establishments Quality Management Aspects, Tanzania Mainland, ASIP-2015 .....	103
Table 57:	Frequency Distribution of Marketing for the Produced Products, Tanzania Mainland, ASIP-2015.....	104
Table 58:	Frequency Distribution of Major Media for Export, Tanzania Mainland, ASIP-2015 .....	105
Table 59:	Frequency Distribution on the Importance of Trade Agreements, Tanzania Mainland, ASIP-2015 .....	106
Table 60(a):	Frequency Distribution of Barriers for Expanding Establishments Exports (Regional Markets), Tanzania Mainland, ASIP-2015.....	107
Table 60(b):	Frequency Distribution of Barriers for Expanding Establishments Exports (Preferential Markets), Tanzania Mainland, ASIP-2015.....	109
Table 60(c):	Frequency Distribution of Barriers for Expanding Establishments Exports (International Markets), Tanzania Mainland, ASIP-2015.....	111
Table 61:	Frequency Distribution of Establishment Environmental Management, Tanzania Mainland, ASIP-2015.....	113

Table 62:	Frequency Distribution of Establishments Investment Plan, Tanzania Mainland, ASIP-2015 .....	114
Table 63(a):	Frequency Distribution of Establishments Information Technology Infrastructure and Related Services, Tanzania Mainland, ASIP-2015.....	115
Table 63(b):	Frequency Distribution of Establishments Information Technology Infrastructure and Related Services, Tanzania Mainland, ASIP-2015.....	115
Table 64:	Frequency Distribution of Major Challenges Facing the Establishments, Tanzania Mainland, ASIP-2015 .....	116
Table 65(a):	Average Utilization of Production Capacity by Products, Tanzania Mainland, ASIP-2015 .....	117
Table 65(b):	Average Utilization of Production Capacity by Products, Tanzania Mainland, ASIP-2013.....	118
Table 66:	Number of Establishments and Average Percentage by Major Countries of Export, Tanzania Mainland, ASIP-2015 .....	119

## ABBREVIATIONS

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

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## EXECUTIVE SUMMARY

The 2015 Annual Survey of Industrial Production covered a total of 2,389 establishments which engaged ten or more (10+) persons/workers. Out of the total establishments, manufacturing sub-sector had the largest number of (1,864 or 78.0 percent) ; followed by mining and quarrying (384 or 16.1 percent); water supply, sewerage, waste management and remediation activities (110 or 4.6 percent); and electricity, gas, steam and air conditioning supply with 31 establishments or 1.3 percent.

Regional wise, Dar es Salaam had the highest number of establishments (535 or 22.4 percent); followed by Manyara (352 or 14.7 percent) and Morogoro (239 or 10.0 percent).

Out of 2,389 establishments, 2,101 (87.9 percent) were owned by nationals; 199 (8.3 percent) by foreigners; and 89 (3.7 percent) were jointly owned.

Most of the establishments, 2,179 (91.2 percent) were privately owned; followed by public ownership 184 (7.7 percent); and only 26 (1.1 percent) had a mixed ownership.

The total number of persons engaged within the four industrial sub-sectors was 201,352. However, majority of the workers (156,579 or 77.8 percent) were in the Manufacturing sub-sector.

Gender wise, out of the total number of persons engaged, 149,814 (74.4 percent) were males; and 51,538 (25.6 percent) were females.

Regional wise, Dar es Salaam had the largest number of workers (51,664 or 25.7 percent); followed by Morogoro (23,978 or 11.3 percent); Manyara (20,716 or 10.3 percent); Arusha (13,576 or 6.7 percent); Kilimanjaro (11,557 or 5.7 percent); Mwanza (8,761 or 4.4 percent); and Shinyanga with 8,118 workers or 4.0 percent.

The total labour costs was TZS 1,593,948 million, of which wages and salaries accounted for the largest amount (TZS 1,012,995 million or 63.6 percent). The results also show that from the total labour cost, manufacturing sub-sector had the largest amount of TZS 982,563 million or 61.6 percent of the total labour costs; followed by Mining and quarrying with TZS 448,770 million or 28.2 percent.

The Gross Output of goods and services produced amounted to TZS 19,894,060 million, of which; Manufacturing sub-sector contributed TZS 12,564,497 million or 63.2 percent of the total Gross Output; followed by Mining and quarrying with TZS 3,687,602 million or 18.5 percent. The remaining two sub-sectors contributed a total of 18.3 percent. Majority of the goods produced were sold locally (TZS 14,342,109 million or 72.1 percent); while TZS 4,818,680 million or 24.2 percent were exported.

Total cost of production (Intermediate Consumption) was TZS 10,226,485 million; of which, TZS 3,219,836 million or 31.5 percent was used in electricity. The industrial and non-industrial services consumed a total of TZS 1,248,344 million or 12.2 percent of the total production cost.

Analysis of Value Added by industrial sub-sector shows that, total value added produced were TZS.9,667,575 million of which TZS. 5,575,510 million or 57.7 percent was produced by manufacturing sub-sector; followed by mining and quarrying with TZS 2,787,932 million or 28.8 percent while the remaining two industrial sub-sector produced a total of value added amounted to TZS 1,304,133 million or 13.5 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. This involves up-dating of basic data from different household and establishment based surveys including the 2015 Annual Survey of Industrial Production.

The Survey provides statistics on how the sector performed in the year 2015 for establishment engaged in 10 or more persons. The survey results will be used to review policies and monitoring sector progress for better informed decision making.

### 1.2 Objectives

The main objective of the 2015 Annual Survey of Industrial Production was to collect information from individual establishments that will be useful in providing economic variables and indicators necessary for planning and policy formulation of the industrial sector. Specifically, the survey aimed at up-dating:

1. 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 Indices of Industrial Production (IIP), Producer Price Index (PPI) and National Account 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 2015 ASIP provides statistical information that facilitates the current government policy of development by devolution which needs disaggregated information to capture regional requirements.

### 1.3 Scope and Coverage

The 2015 Annual survey of Industrial Production used the International Standard Industrial Classification of All Industrial

Activities (ISIC) Revision 4 to capture all economic activities under study. The Survey covered all establishments which engaged 10 persons or more (10+). It included establishments that were active in 2015 and engaged in any of the following activities; Mining and quarrying, manufacturing, electricity, gas, steam and air conditioning supply, and water supply, sewerage, waste management and remediation activities. Details of these activities are as described below.

### **1.3.1 Mining and quarrying**

Mining and quarrying includes; 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 extracted the resource and/or others 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 a further transformation for construction purposes, the collection, purification and distribution of water, separate site preparation activities for mining and geophysical, geologic 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 blurry. 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 dimension of the network is not decisive; also included are; the distribution of electricity, gas, steam, hot water and the like in industrial parks or residential buildings. This section therefore includes; the operation of electric and gas utilities, which generate, control and distribute electric power or gas. Also included is the provision of steam and air-conditioning supply. This section excludes the operation of water and sewerage utilities, (typically long-distance) and transportation of gas through pipelines.

### **1.3.4 Water Supply; Sewerage, Waste Management and Remediation Activities**

This section 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-off or become an input into other production processes. Activities of water supply are also grouped in

this section, since they are often carried out in connection with, or by units also engaged in the treatment of sewerage.

## **2.0 TERMS AND DEFINITIONS**

### **2.1 Industrial Activity**

This means the four major divisions (sub-sectors) 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 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 vacation 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.

### **2.4 Unpaid Workers**

Persons like members of religious, 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.

### **2.5 Employees**

These are persons who during a specified period, they 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.

### **2.6 Managerial and Professional Staff**

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

## **2.7 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, operative-skilled are persons with specialized skills, for example; persons engaged in fabricating, processing or assembling, fitters, packers, repairmen, record-keeping personnel, foremen and inspectors.

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

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

## **2.9 Other Employees**

These are persons who do not fall in the above categories, i.e. administration, accounts, sales departments including working directors, managers, supervisors, technicians, engineers clerical staff, office cleaners, attendants, messengers and watchmen.

## **2.10 Labour Costs**

Are comprised of gross wages and salaries, overtime payments, reimbursement of travel expenses, payments in kind, employers

contributions to social security schemes, training expenses and other labour costs related to employees.

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

Refers to payments made to workers (employees and part-time workers) for wage. 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 sales personnel, gratuities, housing, transport, cost of living and family allowances when paid direct to the employee by the employer.

## **2.12 Overtime Payments**

These are extra payments entitled to employee(s) after normal working hours.

## **2.13 Reimbursement of Travel Expenses**

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

## **2.14 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. Excluded are recreational facilities.

### **2.15 Intermediate Consumption or Production Cost**

Intermediate Consumption/Production Cost 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.

### **2.16 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.

### **2.17 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.

### **2.18 Net Value Added**

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

### **2.19 Gross Operating Surplus**

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

### **2.20 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.

### **2.21 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.

### 2.22 Gross Additions to Fixed Assets

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

### 2.23 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).

### 2.24 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.

### 2.25 Purchasers' Price

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

### 2.26 Employment Size

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

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

### 2.27 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. Public and Private

## **3.0 METHODOLOGY**

The methodology adopted in this survey intended to collect quality data that would facilitate better understanding the status of the industrial sector for the year 2015 and provide instruments that will enable appropriate follow ups.

### **3.1 Reference Period**

The survey involved establishments that engage in production in 2015, that is, the information requested for and supplied was based on financial year covering January to December 2015. Those establishments that could not supply data according to the stated reference period were advised to supply data according to their financial years that covered larger part of the reference 2015 calendar year.

### **3.2 Industrial Classification**

Establishments were classified into industries on the basis of major activity in conformity with the International Standard Industrial Classification (ISIC) Revision 4. Each industry is basically defined in terms of its principal products or services, these being similar in nature or commonly associated in production.

### **3.3 Unit of Enquiry**

The statistical unit used in this census is an establishment, which is defined as an economic unit, under a single ownership or control, engaging one or predominantly one kind of economic activity at a single physical location, for example; an individual firm, mining, factory or workshop. However, due to record keeping practices, it was not always possible to strictly follow the definition of an establishment as stated above. In some cases, the restrictions especially on location, were relaxed.

### **3.4 Scope and Coverage**

The 2015 Annual Survey of Industrial Production used the International Standard Industrial Classification (ISIC) Revision 4 to capture all economic activities surveyed. The Survey covered all establishments that engaged ten persons or more (10+) in the following four industrial activities; Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply and Water supply; sewerage, waste management and remediation activities. The survey covered a total of 2,389 establishments.

### **3.5 The Questionnaire**

The questionnaires conformed to the International Recommendations



for Industrial Statistics of the United Nations and incorporated the stakeholders' requirements. The questionnaires were designed to ensure that, the information to be collected satisfied the needs of national accounts, the government, researchers and the business community. Questionnaire was divided into eight major parts. This includes general information, employment, labour cost, production cost, output, inventory, fixed asset and qualitative part.

### **3.5.1 General Information**

This includes; name of the establishment, physical location of the establishment, contact address, type of the establishment, main and auxiliary activities, main products and secondary products, origin of ownership, form of ownership, type of legal organization, establishment's source of finance and other related information.

### **3.5.2 Employment**

This section includes the number of persons engaged in production as of 1st January 2015 and 31st December 2015. Additionally, the average number of persons engaged was collected, that is; working proprietors and partners, unpaid family workers, employees and the number of out-sourced workers as at 31st December, 2015.

### **3.5.3 Labour Cost**

These are costs incurred by owners of the establishments for furnished labour. It includes wages and salaries, overtime payments,

reimbursement of travel expenses, payments in kind, employers' contribution to social security schemes, training expenses and other related labour costs.

### **3.5.4 Production Costs**

This includes costs for inputs used during production, namely; electricity, water, gas and fuels, goods purchased for re-sale, raw materials and components, expenses on industrial and non-industrial services consumed and other related expenses. According to National Accounts, these costs are known as Intermediate Consumption.

### **3.5.5 Output**

This section gathered information on the utilization of production capacity and problems associated with it, quantities and values of principal and secondary products manufactured, income from industrial and non-industrial services done for others and other income received, including interests and dividends, subsidies and the like.

### **3.5.6 Value of Inventory**

This includes value of stocks at the beginning and at the end of the accounting year for materials and supplies (raw materials and chemicals), fuel, work in progress, finished products and goods purchased for re-sale.

### **3.5.7 Value of Fixed Assets**

This section includes value of capital expenditure on land, buildings and other construction works, transport equipment, machinery and other equipment, computer and other data processing equipment; and other fixed assets during the accounting year. The value of additions, disposals and depreciation charged for the respective items was also captured.

### **3.6 Response Rate**

The 2015 ASIP involved 2,389 establishments of which 2,289 establishments responded during the survey, making a total response rate of 95.8 percent. This was a satisfactory response rate capable of producing reliable statistics.

### **3.7 Data Processing**

Completed questionnaires were pre-edited before sending them to NBS headquarters where they were further edited and coded by trained editors under the supervision of staff from NBS and MITI. The data entry system used was based on CSPro and micro data was transferred to Microsoft Access for generation of tables.

### **3.9 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. Main findings relating to both qualitative and quantitative information are presented. Tables and figures referring to such information are integrated within the sections and detailed information are attached as annex tables.

## 4.0 MAJOR FINDINGS

The industrial sector of Tanzania Mainland is relatively small but growing quite rapidly. According to the Economic survey, 2017 percentage shares of Gross Domestic Product (GDP) by kind of Economic activity, showed that shares to GDP for manufacturing was 5.2 percent, Mining and quarrying 4.0 percent, electricity supply 1.0 percent while the share of water supply sewerage, waste management to GDP was 0.4 percent during the year 2015.

### 4.1 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. The tendency among establishments to hide information relating mainly to outputs and to over-report on inputs due to the belief that information supplied would reach Income Tax Authorities. The regular conduct of such surveys would help in dissipating this fear and at the same time, improve the quality and reliability of the supplied information.

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 provide detailed information for certain items such as:
  - a. Consumption of electricity, water and fuels separately;
  - b. Purchase of raw materials and sales from own production by main product;
  - c. Values of stocks as well as values of fixed assets by type; and
  - d. Level of stocks and assets.

These and other missing data had to be estimated through the laid 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. The government, business community and other users can make good use of these results, which constitute the only available survey information based on International Recommendations for Industrial Statistics.

## 4.2 Findings

### 4.2.1 Number of Establishments

The total numbers of industrial establishments covered in the 2015 Annual Survey of Industrial Production were 2,389. Dar es Salaam region had the largest number of establishments (535 or 22.4 percent); followed by Manyara (352 or 14.7 percent); Morogoro (239 or 10.0 percent); and Arusha (144 or 6.0 percent). **Annex Table 1**

There were 44 establishments engaging 500 or more (500+) persons, out of which, 11 were in Dar es Salaam, 8 in Morogoro, 3 in Arusha, Kilimanjaro and Shinyanga each. The numbers of establishments engaging 10 to 49 persons were 1,262. The number of establishments that engaged 50 to 99 persons was 213 while those which engaged 100 to 499 persons were 225. **Annex Table 5**

Among the four sub-sectors, manufacturing had the largest number of establishments (1,864 or 78.0 percent); followed by mining and quarrying

(384 or 16.1 percent); water supply, sewerage, waste management and remediation activities (110 or 4.6 percent); and electricity, gas, steam and air conditioning supply with 31 establishments or 1.3 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 (751 or 40.3 percent); followed by manufacture of other non-metallic mineral products with 216 establishments or 11.6 percent and manufacture of furniture with 198 or 10.6 percent. **Annex Table 2**

Out of 2,389 establishments, 2,101 (87.9 percent) were owned by nationals, 199 (8.5 percent) by foreigners and 89 (3.7 percent) were jointly owned. For manufacturing subsector, 1,594 (88.5 percent) were owned by nationals, 186 (10.0 percent) by foreigners and 84 (4.5 percent) were jointly owned. **Annex Table 3**

Majority of the establishments in the four industrial sub-sectors were private owned firms 2,179 or 91.2 percent; 184 or 7.7 percent were public owned; and only 26 or 1.1 percent had a mixed ownership. **Annex Table 2**

On types of legal organization, 1,028 (43.0 percent) of the establishments were sole proprietorship; 576 (24.1 percent) were private company limited; 351 (14.7 percent) were partnership; 141 (5.9 percent) were public; 134 (5.6 percent) were private company; 119 (8.3 percent) were cooperative; 15 (0.6 percent) were parastatal; and 25 (1.1 percent) had other legal organizations. **Annex Table 6**

## 4.2.2 Number of Persons Engaged

The total number of persons engaged in the four industrial sub-sectors was 201,352, of which, 156,579 or 77.8 percent were engaged in Manufacturing sub-sector; followed by Mining and quarrying (31,743 or 15.8 percent), Water supply, sewerage, waste management and remediation activities (9,045 or 4.5 percent) and Electricity, gas, steam and air conditioning supply (3,985 or 2.0 percent). Among the total number of persons engaged 201,352, 149,814 (74.4 percent) were males and 51,538 (25.6 percent) were females.

The survey revealed that Nationalities of persons engaged in establishments 197,114 (97.9 percent) were Tanzanians and 4,238 (2.1 percent) were foreigners.

Out of the total 201,352 persons engaged in all the four industrial sub-sectors, 63,579 (31.6 percent) were in the activities involve manufacture of food products; and 13,354 (6.6 percent) were engaged in the manufacture of beverages. The remaining economic activities had a total of 124,419 persons or 61.8 percent of the total number of workers. **Annex Tables 20.**

Regional wise, Dar es Salaam region had the largest number of persons engaged with 51,664 (25.7 percent); followed by Morogoro with 23,978 (11.9 percent); Manyara with 20,716 (10.3 percent);

Arusha with 13,576 (6.7 percent); Kilimanjaro with 11,557 (5.7 percent); Mwanza with 8,761 (4.3 percent); Shinyanga with 8,118 (4.0 percent); and Pwani with 7,140 persons or 3.5 percent. **Annex Tables 9.**

A total number of 126,083 operatives were engaged in establishments of which 54,184 (43.0 percent) were skilled, and 71,899 (57.0 percent) were non-skilled. The manufacturing sub-sector had the largest number of operatives (156,579 or 78.5 percent). **Annex Table 19.**

## 4.2.3 Labour Costs by Industrial Sub-Sector

The total labour costs for all establishments was TZS 1,593,948 million, wages and salaries accounted for the largest amount of TZS 1,012,995 million or 63.6 percent; followed by Reimbursements of travel expenses with TZS 217,625 million or 13.7 percent; Contribution of employer with TZS 135,255 million or 8.5 percent; and payment in kind with TZS 114,468 million or 8.4 percent.

**Table 4. 1: Labour Costs by Item, ASIP 2015**

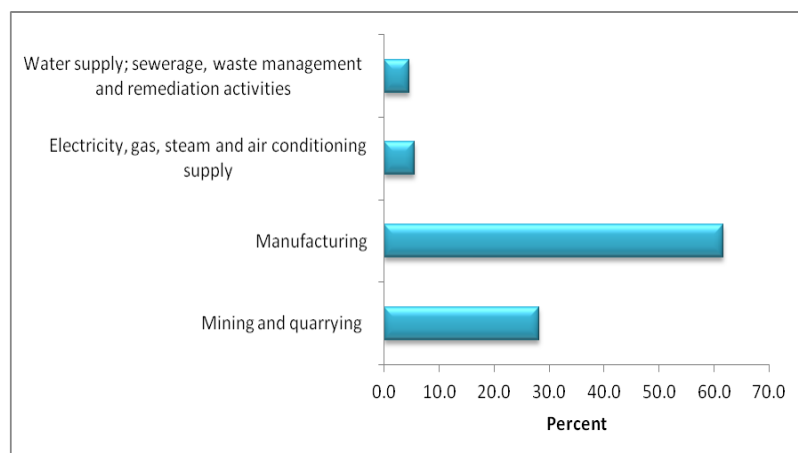
(TZS Million)

Item	Compensation of Employees					Training Expenses	Other Labour Cost	Total Labour Cost
	Gross Wages and Salaries	Overtime Payments	Travel Costs	Payment in Kind	Contribution of employer			
Labour Costs (Total)	1,012,995	25,951	217,625	114,468	135,255	29,971	57,683	1,593,948
<b>Percentage</b>	<b>63.6</b>	<b>1.6</b>	<b>13.7</b>	<b>7.2</b>	<b>8.5</b>	<b>1.9</b>	<b>3.6</b>	<b>100.0</b>

Among the four sub-sectors, manufacturing sub-sector had the largest amount of the total industrial labour costs (TZS 982,563 million or 61.6 percent); followed by Mining and quarrying (TZS

448,769 million or 28.2 percent); Electricity, gas, steam and air conditioning supply (TZS 88,523 million or 5.6 percent); and Water supply; sewerage, waste management and remediation activities with TZS 74,092 million or 4.7 percent. **Annex Table 21.**

**Figure 4. 1: Labour Costs by Industrial Sub-Sector, ASIP 2015**



#### 4.2.4 Gross Output

Gross Output or total value of goods and services produced amounted to TZS 19,894,060 million, of which manufacturing sub-sector contributed the largest amount of TZS 12,564,497 million or 63.1 percent of total Gross Output; followed by Mining and quarrying (TZS 3,687,602 million or 18.5 percent); Electricity, gas, steam and air conditioning supply (TZS 3,371,872 million or 17.0 percent); and Water supply; sewerage, waste management and remediation activities with TZS 270,090 million or 1.4 percent.

Sales of goods amounted to TZS 19,160,789 million, of which (TZS 4,818,680 or 25.2 percent) million was exported and TZS 14,342,109 million or 63.5 percent was sold locally. Manufacture of food products contributed the largest share in both exports and domestic sales. **Annex Table 26.**

#### 4.2.5 Cost of Production

Total Cost of Production (Intermediate Consumption) amounted to TZS 10,226,485 million, of which, 51.5 percent was used for raw materials. The industrial and non-industrial services consumed TZS 1,248,344 million or 12.2 percent, while the use of Energy amounted to TZS 3,219,836 million or 31.5 percent. **Annex Table 22.**

Analysis of Value Added by industrial sub-sector shows that, Manufacturing had the largest amount (TZS. 5,575,510 million or 57.7 percent); followed by Mining and quarrying (TZS 2,787,931 million or 28.8 percent); Electricity, gas, steam and air conditioning supply (TZS 1,129,732 million or 11.7 percent); and Water supply; sewerage, waste management and remediation activities with TZS 174,401 million or 1.8 percent of the total industrial Value Added. **Annex Table 27.**

#### 4.2.6 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 perceptions.

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 and IT facilities.

#### 4.2.6.1 Membership to Associations

**Table 4. 2: Establishments Membership to Associations, by Industrial Sub-Sector, ASIP 2015**

Industrial Sub-Sector	Registered Establishments						Total
	CTI	TCCIA	ATE	DSE	TCME	Other	
Mining and Quarrying	11	17	14	6	71	248	367
Manufacturing	376	326	235	47	25	180	1,189
Electricity, Gas, Steam and air Conditioning supply	9	10	6	1	4	2	32
Water supply; sewerage, waste management and remediation activities	5	7	11	1	2	37	63
<b>Total</b>	<b>401</b>	<b>360</b>	<b>266</b>	<b>55</b>	<b>102</b>	<b>497</b>	<b>1,651</b>

*Note: This Table involves multiple responses*

The results show that, out of the total 1,651 respondents on the above Associations, (CTI, TCCIA, ATE, DSE ,TCME or Other), Manufacturing sub-sector recorded the highest number of respondents with Association membership (1,189 responses or 72.0

percent); followed by Mining and Quarrying sub-sector (367 responses or 22.2 percent). Other sub-sectors had a total of 95 responses or 5.7 percent. **Annex 51.**

#### 4.2.6.2 Establishments Business Licensing

**Table 4. 3: Frequency Distribution for Establishments Registration by Industrial Sub-Sector, ASIP 2015**

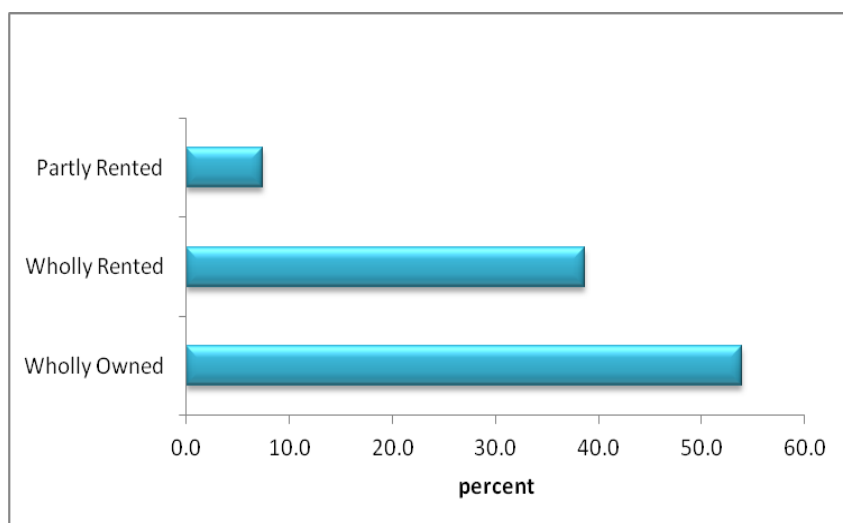
Industrial Sub-Sector	Registered Establishments	
	Yes	No
Mining and Quarrying	329	55
Manufacturing	1457	407
Electricity, Gas, Steam and air Conditioning supply	11	20
Water supply; sewerage, waste management and remediation activities	73	37
<b>Total</b>	<b>1,870</b>	<b>519</b>



The results show that, respondents with licenses were 1,870 or 78.3 percent and only 519 respondents or 21.7 percent did not have licenses. **Annex Table 53.**

#### 4.2.6.3 Tenure

**Figure 4. 2: Percentage Distribution of the Tenure of Buildings Owned**



The graph shows that, (53.9 percent) wholly owned the buildings; 38.7 percent wholly rented; and 7.4 percent partly rented. **Annex Table 55**

#### 4.2.6.4 Quality Assurance

**Table 4. 4: Distribution of Respondents on Certification of Products by Industrial Sub-Sector, ASIP 2015**

Industrial Sub- sector	Establishments			
	TFDA	ISO	TBS	Other Authorities
Mining and Quarrying	14	15	18	68
Manufacturing	641	198	642	168
Electricity, Gas, Steam and air Conditioning supply	2	8	14	3
Water supply; sewerage, waste management and remediation activities	24	10	30	37
<b>Total</b>	<b>681</b>	<b>231</b>	<b>704</b>	<b>229</b>

*Note: This table involves multiple responses*

Refer, **Annex Table 56**

#### 4.2.6.5 Medium of Exports

**Table 4. 5: Media of Exports by Industrial Sub-Sector, ASIP 2015**

Industrial Sub-Sector	Directly	Through Parent Enterprise	Through Other Intermediaries	Other	Total
Mining and quarrying	133	131	102	18	384
Manufacturing	753	520	518	73	1,864
Electricity, gas, steam and air conditioning supply	17	3	11	0	31
Water supply; sewerage, waste management and remediation activities	41	38	27	4	110
<b>Total</b>	<b>944</b>	<b>692</b>	<b>658</b>	<b>95</b>	<b>2,389</b>
<b>Percentage</b>	<b>39.5</b>	<b>29.0</b>	<b>27.5</b>	<b>4.0</b>	<b>100.0</b>

The results on the major Media of Exports show that 944 responses or 39.5 percent exported their products directly; 692 or 29.0 percent through Parent Enterprises; 658 or 27.5 percent exported their products through Other Intermediaries; and only 95 or 4.0 percent used other media of exports. **Annex Table 62**

#### 4.2.6.6 Importance of Trade Agreements

**Table 4. 6: Ranking the Importance of Regional Trade Agreements by Industrial Sub-Sector, ASIP 2015**

Industrial Sub-Sector	Regional Trade Agreements			Total
	Very Important	Important	Not Important	
Mining and quarrying	143	129	112	384
Manufacturing	828	532	504	1,864
Electricity, gas, steam and air conditioning supply	12	10	9	31
Water supply; Sewerage, waste management and remediation activities	40	36	34	110
<b>Total</b>	<b>1,023</b>	<b>707</b>	<b>659</b>	<b>2389</b>
<b>Percentage</b>	<b>42.8</b>	<b>29.6</b>	<b>27.6</b>	<b>100.0</b>

1,023 responses or 42.8 percent reported that, Regional Trade Agreements were Very Important; (707 responses or 29.6 percent) reported to be Important; while 659 responses or 26.6 percent reported Not Important. **Annex Table 59.**

#### 4.2.6.7 Environmental Management Plan, Treatment Facilities for Wastes and Certificate of Environmental Impact Assessment (EIA)

**Table 4. 7: Environmental Management Plan by Industrial Sub-Sector, ASIP 2015**

Industrial Sub-Sector	With Environmental Management Plan		Treatment Facilities for Wastes		Certificate of Environmental Impact Assessment (EIA)	
	Yes	No	Yes	No	Yes	No
Mining and quarrying	260	124	288	96	99	285
Manufacturing	916	948	954	910	426	1,438
Electricity, gas, steam and air conditioning supply	16	15	12	19	12	19
Water supply; sewerage, waste management and remediation activities	76	34	34	76	24	86
<b>Total</b>	<b>1,268</b>	<b>1,121</b>	<b>1,288</b>	<b>1,101</b>	<b>561</b>	<b>1,828</b>

The results show that, 1,268 responses establishments have Environment management plan while 1,121 has no environment management plan. The results also reveal that; 1,288 has facilities for wastes treatment in their establishments while 1,101 has no facilities of wastes treatments the survey results also found that; 561 establishments had certificate of environment impact assessment while 1,828 establishments had no Certificate of Environment Impact Assessment. **Annex Table 65.**

#### 4.2.6.8 Investment Plan

**Table 4. 8: Percentage Distribution of Establishment Investment Plan by Industrial Sub-Sector, ASIP 2015**

Industrial Sub-Sector	Replacement of Old Machinery	Expanding Production Capacity	Technology Up-grading
Mining and quarrying	17.4	16.4	14.2
Manufacturing	51.0	56.7	40.5
Electricity, gas, steam and air conditioning supply	0.8	1.3	0.7
Water supply; sewerage, waste management and remediation activities	3.6	4.9	3.2
<b>Total</b>	<b>72.9</b>	<b>79.3</b>	<b>58.6</b>

Results show that, 72.9 percent of the establishments had a plan of replacing old machinery; 79.3 percent planned to Expand Production

capacity; and 58.6 percent planned to upgrade technology.

#### 4.2.6.9 Establishments Information Technology Infrastructure Status

**Table 4. 9: Establishments Information Technology Infrastructure Status, by Type, ASIP 2015**

Type of Infrastructure	Use		Not Using	
	Number	Percentage	Number	Percentage
Computer	1,088	14.9	1,301	9.2
Telephone System	865	11.9	1,524	10.7
Mobile Phones	2,196	30.1	193	1.4
Website	538	7.4	1,851	13.0
Local Area Network	541	7.4	1,848	13.0
Intranet	329	4.5	2,060	14.5
Extranet	195	2.7	2,194	15.4
Internet	900	12.3	1,489	10.5
Software Management System	645	8.8	1,744	12.3
<b>Total</b>	<b>7,297</b>	<b>100.0</b>	<b>14,204</b>	<b>100.0</b>

*Note: This Table involves multiple responses*

The use of information technology infrastructures was led by mobile phones with 2,196 responses or 30.1 percent; followed by computer with 1,088 responses or 14.9 percent; internet with 900 responses or 12.3 percent; and telephone system with 865 responses or 11.9

percent. There were also establishments that did not use information technology infrastructures, in which; extranet was leading with 2,194 responses or 15.4 percent; followed by intranet with 2,060 responses or 14.5 percent; local area network with 1,848 or 13.0 percent and website with 1,851 or 13.0 percent **Annex Table 63(a)**.



**Table 1: Number of Establishments by Industrial Activity and Region, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Region										Total
		Dar es Salaam	Manyara	Morogoro	Arusha	Kilimanjaro	Mara	Singida	Mbeya	Mwanza	Others	
5	Mining of coal and lignite	-	-	-	-	-	-	-	1	-	-	1
7	Mining of metal ores	-	1	-	-	-	4	22	9	-	9	45
8	Other mining and quarrying	1	269	3	-	2	29	-	7	-	26	337
9	Mining support service activities	-	-	-	-	-	1	-	-	-	-	1
B	<b>Mining and quarrying</b>	<b>1</b>	<b>270</b>	<b>3</b>	<b>-</b>	<b>2</b>	<b>34</b>	<b>22</b>	<b>17</b>	<b>-</b>	<b>35</b>	<b>384</b>
10	Manufacture of food products	89	56	146	32	16	23	49	34	23	283	751
11	Manufacture of beverages	18	-	3	12	10	-	-	7	5	16	71
12	Manufacture of tobacco products	2	-	2	-	-	-	-	-	-	-	4
13	Manufacture of textiles	20	1	5	3	2	2	-	2	4	11	50
14	Manufacture of wearing apparel	5	-	2	-	-	2	-	1	-	3	13
15	Manufacture of leather and related products	14	-	1	2	4	2	-	-	2	2	27
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	17	-	4	18	48	1	1	-	8	31	128
17	Manufacture of paper and paper products	8	-	-	1	1	-	-	-	1	3	14
18	Printing and reproduction of recorded media	36	1	2	5	3	1	-	-	-	10	58
19	Manufacture of coke and refined petroleum products	3	-	-	-	-	-	-	-	-	1	4
20	Manufacture of chemicals and chemical products	22	1	-	1	1	3	-	6	1	20	55
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	4	-	-	-	-	-	-	-	1	-	5
22	Manufacture of rubber and plastics products	36	-	2	5	1	-	-	-	4	7	55
23	Manufacture of other non-metallic mineral products	64	5	21	19	6	9	4	2	11	75	216
24	Manufacture of basic metals	23	-	3	2	1	-	-	4	4	10	47
25	Manufacture of fabricated metal products, except machinery and equipment	32	2	8	8	2	3	-	-	3	11	69
26	Manufacture of computer, electronic and optical products	1	-	-	1	-	-	-	-	-	-	2
27	Manufacture of electrical equipment	8	-	-	3	-	-	-	1	-	1	13
28	Manufacture of machinery and equipment n.e.c.	3	-	1	4	2	-	-	1	1	3	15
29	Manufacture of motor vehicles, trailers and semi-trailers	7	1	-	2	-	-	-	-	1	1	12
30	Manufacture of other transport equipment	2	-	-	-	-	-	-	-	1	-	3
31	Manufacture of furniture	72	3	32	17	1	6	8	5	8	46	198
32	Other manufacturing	34	-	-	4	-	2	1	-	-	2	43
33	Repair and installation of machinery and equipment	7	-	-	1	-	-	-	1	1	1	11
C	<b>Manufacturing</b>	<b>527</b>	<b>70</b>	<b>232</b>	<b>140</b>	<b>98</b>	<b>54</b>	<b>63</b>	<b>64</b>	<b>79</b>	<b>537</b>	<b>1,864</b>
35	Electricity, gas, steam and air conditioning supply	2	1	1	1	1	1	1	2	3	18	31
D	<b>Electricity, gas, steam and air conditioning supply</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>18</b>	<b>31</b>
36	Water collection, treatment and supply	3	11	3	3	13	2	5	6	2	59	107
38	Waste collection, treatment and disposal activities; materials recovery	2	-	-	-	1	-	-	-	-	-	3
E	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>5</b>	<b>11</b>	<b>3</b>	<b>3</b>	<b>14</b>	<b>2</b>	<b>5</b>	<b>6</b>	<b>2</b>	<b>59</b>	<b>110</b>
		<b>535</b>	<b>352</b>	<b>239</b>	<b>144</b>	<b>115</b>	<b>91</b>	<b>91</b>	<b>89</b>	<b>84</b>	<b>649</b>	<b>2,389</b>

**Table 2: Number of Establishments by Industrial Activity and Form of Ownership, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Form of Ownership			Total
		Public	Private	Mixed	
	5 Mining of coal and lignite	-	1	-	1
	7 Mining of metal ores	1	44	-	45
	8 Other mining and quarrying	7	328	2	337
	9 Mining support service activities		1	-	1
<b>B</b>	<b>Mining and quarrying</b>	<b>8</b>	<b>374</b>	<b>2</b>	<b>384</b>
	10 Manufacture of food products	30	714	7	751
	11 Manufacture of beverages	1	68	2	71
	12 Manufacture of tobacco products	-	4	-	4
	13 Manufacture of textiles	-	49	1	50
	14 Manufacture of wearing apparel	-	13	-	13
	15 Manufacture of leather and related products	1	25	1	27
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	7	120	1	128
	17 Manufacture of paper and paper products	1	13	-	14
	18 Printing and reproduction of recorded media	3	54	1	58
	19 Manufacture of coke and refined petroleum products	-	4	-	4
	20 Manufacture of chemicals and chemical products	1	53	1	55
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	4	1	5
	22 Manufacture of rubber and plastics products	-	55	-	55
	23 Manufacture of other non-metallic mineral products	11	201	4	216
	24 Manufacture of basic metals	3	43	1	47
	25 Manufacture of fabricated metal products, except machinery and equipment	2	67	-	69
	26 Manufacture of computer, electronic and optical products	-	2	-	2
	27 Manufacture of electrical equipment	1	12	-	13
	28 Manufacture of machinery and equipment n.e.c.	7	8	-	15
	29 Manufacture of motor vehicles, trailers and semi-trailers	1	11	-	12
	30 Manufacture of other transport equipment	-	3	-	3
	31 Manufacture of furniture	3	193	2	198
	32 Other manufacturing	-	42	1	43
	33 Repair and installation of machinery and equipment	-	11	-	11
<b>C</b>	<b>Manufacturing</b>	<b>72</b>	<b>1,769</b>	<b>23</b>	<b>1,864</b>
	35 Electricity, gas, steam and air conditioning supply	14	17	-	31
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>14</b>	<b>17</b>	<b>-</b>	<b>31</b>
	36 Water collection, treatment and supply	90	16	1	107
	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>90</b>	<b>19</b>	<b>1</b>	<b>110</b>
		<b>184</b>	<b>2,179</b>	<b>26</b>	<b>2,389</b>

**Table 3: Number of Establishments by Industrial Activity and Origin of Ownership, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Origin of Ownership			Total
		National	Foreign	Joint	
	5 Mining of coal and lignite	-	1	-	1
	7 Mining of metal ores	41	4	-	45
	8 Other mining and quarrying	330	3	4	337
	9 Mining support service activities	1	-	-	1
<b>B</b>	<b>Mining and quarrying</b>	<b>372</b>	<b>8</b>	<b>4</b>	<b>384</b>
	10 Manufacture of food products	669	57	25	751
	11 Manufacture of beverages	54	12	5	71
	12 Manufacture of tobacco products	-	2	2	4
	13 Manufacture of textiles	35	9	6	50
	14 Manufacture of wearing apparel	11	2	-	13
	15 Manufacture of leather and related products	22	4	1	27
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	114	9	5	128
	17 Manufacture of paper and paper products	10	4	-	14
	18 Printing and reproduction of recorded media	51	2	5	58
	19 Manufacture of coke and refined petroleum products	1	2	1	4
	20 Manufacture of chemicals and chemical products	46	6	3	55
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	2	3	-	5
	22 Manufacture of rubber and plastics products	27	22	6	55
	23 Manufacture of other non-metallic mineral products	189	16	11	216
	24 Manufacture of basic metals	35	8	4	47
	25 Manufacture of fabricated metal products, except machinery and equipment	63	4	2	69
	26 Manufacture of computer, electronic and optical products	-	2	-	2
	27 Manufacture of electrical equipment	10	1	2	13
	28 Manufacture of machinery and equipment n.e.c.	15	-	-	15
	29 Manufacture of motor vehicles, trailers and semi-trailers	9	3	-	12
	30 Manufacture of other transport equipment	2	1	-	3
	31 Manufacture of furniture	188	7	3	198
	32 Other manufacturing	33	9	1	43
	33 Repair and installation of machinery and equipment	8	1	2	11
<b>C</b>	<b>Manufacturing</b>	<b>1,594</b>	<b>186</b>	<b>84</b>	<b>1,864</b>
	35 Electricity, gas, steam and air conditioning supply	29	2	-	31
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>29</b>	<b>2</b>	<b>-</b>	<b>31</b>
	36 Water collection, treatment and supply	105	1	1	107
	38 Waste collection, treatment and disposal activities; materials recovery	1	2	-	3
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>106</b>	<b>3</b>	<b>1</b>	<b>110</b>
	<b>Total</b>	<b>2,101</b>	<b>199</b>	<b>89</b>	<b>2,389</b>



**Table 4: Number of Establishments by Industrial Activity and Employment Size, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Employment Size					Total
		10 - 19	20-49	50-99	100-499	500+	
5	Mining of coal and lignite	-	-	1	-	-	1
7	Mining of metal ores	16	17	3	5	4	45
8	Other mining and quarrying	105	184	28	18	2	337
9	Mining support service activities	-	1	-	-	-	1
<b>B</b>	<b>Mining and quarrying</b>	<b>121</b>	<b>202</b>	<b>32</b>	<b>23</b>	<b>6</b>	<b>384</b>
10	Manufacture of food products	487	141	49	59	15	751
11	Manufacture of beverages	23	21	11	12	4	71
12	Manufacture of tobacco products	-	-	-	2	2	4
13	Manufacture of textiles	21	7	6	10	6	50
14	Manufacture of wearing apparel	8	3	-	1	1	13
15	Manufacture of leather and related products	6	10	7	4	-	27
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	78	41	5	4	-	128
17	Manufacture of paper and paper products	4	2	3	4	1	14
18	Printing and reproduction of recorded media	26	16	9	7	-	58
19	Manufacture of coke and refined petroleum products	-	2	1	1	-	4
20	Manufacture of chemicals and chemical products	21	12	10	10	2	55
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	1	2	2	-	5
22	Manufacture of rubber and plastics products	8	16	18	13	-	55
23	Manufacture of other non-metallic mineral products	146	41	16	12	1	216
24	Manufacture of basic metals	21	16	3	7	-	47
25	Manufacture of fabricated metal products, except machinery and equipment	48	13	4	4	-	69
26	Manufacture of computer, electronic and optical products	-	1	-	1	-	2
27	Manufacture of electrical equipment	4	2	3	4	-	13
28	Manufacture of machinery and equipment n.e.c.	9	4	-	2	-	15
29	Manufacture of motor vehicles, trailers and semi-trailers	4	3	4	-	1	12
30	Manufacture of other transport equipment	-	-	1	2	-	3
31	Manufacture of furniture	147	35	7	8	1	198
32	Other manufacturing	20	13	3	6	1	43
33	Repair and installation of machinery and equipment	4	5	1	1	-	11
<b>C</b>	<b>Manufacturing</b>	<b>-</b>	<b>405</b>	<b>163</b>	<b>176</b>	<b>35</b>	<b>1,864</b>
35	Electricity, gas, steam and air conditioning supply	7	4	3	15	2	31
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>7</b>	<b>4</b>	<b>3</b>	<b>15</b>	<b>2</b>	<b>31</b>
36	Water collection, treatment and supply	48	33	14	11	1	107
38	Waste collection, treatment and disposal activities; materials recovery	1	1	1	-	-	3
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>49</b>	<b>34</b>	<b>15</b>	<b>11</b>	<b>1</b>	<b>110</b>
<b>Total</b>		<b>1,262</b>	<b>645</b>	<b>213</b>	<b>225</b>	<b>44</b>	<b>2,389</b>

**Table 5: Number of Establishments by Region and Employment Size, Tanzania Mainland, ASIP-2015**

Region	Employment Size					Total
	10 - 19	20-49	50-99	100-499	500+	
Dodoma	29	15	1	5	-	50
Arusha	70	33	21	17	3	144
Kilimanjaro	61	33	10	8	3	115
Tanga	23	17	6	10	2	58
Morogoro	193	31	3	4	8	239
Pwani	22	21	7	12	2	64
Dar es Salaam	261	107	73	83	11	535
Lindi	12	6	-	2	-	20
Mtwara	10	4	7	5	-	26
Ruvuma	17	7	1	2	1	28
Iringa	10	8	7	7	2	34
Mbeya	44	27	6	12	-	89
Singida	56	27	4	4	-	91
Tabora	7	3	2	1	-	13
Rukwa	29	11	1	-	-	41
Kigoma	61	11	1	2	-	75
Shinyanga	43	11	4	4	3	65
Kagera	27	12	2	6	2	49
Mwanza	33	20	15	14	2	84
Mara	31	40	10	9	1	91
Manyara	142	173	23	12	2	352
Njombe	3	5	2	1	1	12
Katavi	20	2	1	-	-	23
Simiyu	40	9	1	4	-	54
Geita	6	8	-	1	1	16
Songwe	12	4	5	-	-	21
<b>Total</b>	<b>1,262</b>	<b>645</b>	<b>213</b>	<b>225</b>	<b>44</b>	<b>2,389</b>

**Table 6: Number of Establishments by Industrial Activity and Type of Legal Organization, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Sole Proprietorship	Partnership	Public	Parastatal	Cooperative	Private Company	Private Company Limited	Other	Total
	5 Mining of coal and lignite	-	-	-	-	-	-	1	-	1
	7 Mining of metal ores	18	14	1	-	3	3	6	-	45
	8 Other mining and quarrying	200	89	3	1	14	13	16	1	337
	9 Mining support service activities	-	-	-	-	1	-	-	-	1
<b>B</b>	<b>Mining and quarrying</b>	<b>218</b>	<b>103</b>	<b>4</b>	<b>1</b>	<b>18</b>	<b>16</b>	<b>23</b>	<b>1</b>	<b>384</b>
	10 Manufacture of food products	388	99	19	-	35	39	167	4	751
	11 Manufacture of beverages	17	9	1	-	1	5	37	1	71
	12 Manufacture of tobacco products	-	-	-	-	-	-	4	-	4
	13 Manufacture of textiles	15	6	-	-	4	5	20	-	50
	14 Manufacture of wearing apparel	2	1	-	-	4	1	5	-	13
	15 Manufacture of leather and related products	5	1	1	-	3	4	13	-	27
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	74	19	2	-	8	5	18	2	128
	17 Manufacture of paper and paper products	3	3	1	-	1	2	4	-	14
	18 Printing and reproduction of recorded media	12	12	3	-	-	4	22	5	58
	19 Manufacture of coke and refined petroleum products	-	-	-	-	-	1	3	-	4
	20 Manufacture of chemicals and chemical products	18	6	1	-	3	2	25	-	55
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	-	-	-	-	-	5	-	5
	22 Manufacture of rubber and plastics products	5	5	-	-	1	5	39	-	55
	23 Manufacture of other non-metallic mineral products	101	31	6	1	7	18	46	6	216
	24 Manufacture of basic metals	15	2	3	-	1	2	24	-	47
	25 Manufacture of fabricated metal products, except machinery and equipment	26	11	1	-	5	3	22	1	69
	26 Manufacture of computer, electronic and optical products	-	-	-	-	-	-	2	-	2
	27 Manufacture of electrical equipment	1	-	-	-	1	2	9	-	13
	28 Manufacture of machinery and equipment n.e.c.	2	1	2	5	1	4	-	-	15
	29 Manufacture of motor vehicles, trailers and semi-trailers	1	-	1	-	-	2	8	-	12
	30 Manufacture of other transport equipment	1	-	-	-	-	-	2	-	3
	31 Manufacture of furniture	104	27	2	-	19	9	33	4	198
	32 Other manufacturing	4	3	-	-	5	3	28	-	43
	33 Repair and installation of machinery and equipment	1	2	-	-	1	-	7	-	11
<b>C</b>	<b>Manufacturing</b>	<b>795</b>	<b>238</b>	<b>43</b>	<b>6</b>	<b>100</b>	<b>116</b>	<b>543</b>	<b>23</b>	<b>1,864</b>
	35 Electricity, gas, steam and air conditioning supply	11	2	12	2	-	1	3	-	31
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>11</b>	<b>2</b>	<b>12</b>	<b>2</b>	<b>-</b>	<b>1</b>	<b>3</b>	<b>-</b>	<b>31</b>
	36 Water collection, treatment and supply	4	8	82	6	1	1	4	1	107
	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>4</b>	<b>8</b>	<b>82</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>110</b>
<b>Total</b>		<b>1,028</b>	<b>351</b>	<b>141</b>	<b>15</b>	<b>119</b>	<b>134</b>	<b>576</b>	<b>25</b>	<b>2,389</b>

**Table 7: Number of Establishments by Industrial Activity and Year Operation Started, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Year Operation Started						Total
		<1990	1990-1994	1995-1999	2000-2004	2005-2013	>=2014	
5	Mining of coal and lignite	-	-	-	-	1	-	1
7	Mining of metal ores	3	1	2	6	30	3	45
8	Other mining and quarrying	16	32	57	61	128	43	337
9	Mining support service activities	-	-	-	-	-	1	1
<b>B</b>	<b>Mining and quarrying</b>	<b>19</b>	<b>33</b>	<b>59</b>	<b>67</b>	<b>159</b>	<b>47</b>	<b>384</b>
10	Manufacture of food products	44	21	51	98	368	169	751
11	Manufacture of beverages	9	3	7	11	31	10	71
12	Manufacture of tobacco products	1	-	2	-	1	-	4
13	Manufacture of textiles	9	-	2	9	24	6	50
14	Manufacture of wearing apparel	1	1	3	-	7	1	13
15	Manufacture of leather and related products	3	3	-	3	15	3	27
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	13	8	6	19	64	18	128
17	Manufacture of paper and paper products	2	-	4	1	7	-	14
18	Printing and reproduction of recorded media	19	6	1	9	19	4	58
19	Manufacture of coke and refined petroleum products	1	-	1	-	2	-	4
20	Manufacture of chemicals and chemical products	11	-	6	6	24	8	55
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1	-	1	-	2	1	5
22	Manufacture of rubber and plastics products	1	4	7	9	30	4	55
23	Manufacture of other non-metallic mineral products	15	10	5	9	118	59	216
24	Manufacture of basic metals	5	2	8	4	19	9	47
25	Manufacture of fabricated metal products, except machinery and equipment	15	2	8	6	32	6	69
26	Manufacture of computer, electronic and optical products	1	-	-	-	-	1	2
27	Manufacture of electrical equipment	2	-	2	4	4	1	13
28	Manufacture of machinery and equipment n.e.c.	6	-	-	5	4	-	15
29	Manufacture of motor vehicles, trailers and semi-trailers	4	-	-	1	7	-	12
30	Manufacture of other transport equipment	-	1	1	-	1	-	3
31	Manufacture of furniture	22	14	17	38	78	29	198
32	Other manufacturing	4	3	2	11	19	4	43
33	Repair and installation of machinery and equipment	6	1	-	2	-	2	11
<b>C</b>	<b>Manufacturing</b>	<b>195</b>	<b>79</b>	<b>134</b>	<b>245</b>	<b>876</b>	<b>335</b>	<b>1,864</b>
35	Electricity, gas, steam and air conditioning supply	8	1	1	3	17	1	31
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>17</b>	<b>1</b>	<b>31</b>
36	Water collection, treatment and supply	9	4	20	33	35	6	107
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>4</b>	<b>20</b>	<b>33</b>	<b>38</b>	<b>6</b>	<b>110</b>
Total		<b>231</b>	<b>117</b>	<b>214</b>	<b>348</b>	<b>1,090</b>	<b>389</b>	<b>2,389</b>

**Table 8: Number of Establishments by Region and Year Operation Started, Tanzania Mainland, ASIP-2015**

Region	Year Operation Started						Total
	<1990	1990-1994	1995-1999	2000-2004	2005-2013	>=2014	
Dodoma	2	-	4	9	26	9	50
Arusha	25	7	6	22	64	20	144
Kilimanjaro	19	12	7	17	45	15	115
Tanga	16	-	8	12	19	3	58
Morogoro	9	7	14	19	120	70	239
Pwani	1	-	5	7	39	12	64
Dar es Salaam	72	28	53	84	254	44	535
Lindi	1	-	2	3	12	2	20
Mtwara	5	1	4	1	8	7	26
Ruvuma	9	1	2	5	9	2	28
Iringa	4	2	3	6	18	1	34
Mbeya	9	1	3	17	46	13	89
Singida	2	3	3	12	58	13	91
Tabora	3	-	2	1	6	1	13
Rukwa	-	2	5	4	20	10	41
Kigoma	4	6	4	12	33	16	75
Shinyanga	5	1	4	8	36	11	65
Kagera	8	-	6	7	19	9	49
Mwanza	14	5	7	10	36	12	84
Mara	3	4	5	9	43	27	91
Manyara	15	34	56	67	135	45	352
Njombe	1	-	3	2	3	3	12
Katavi	1	2	-	2	11	7	23
Simiyu	2	-	4	2	14	32	54
Geita	-	-	3	3	8	2	16
Songwe	1	1	1	7	8	3	21
	<b>231</b>	<b>117</b>	<b>214</b>	<b>348</b>	<b>1,090</b>	<b>389</b>	<b>2,389</b>

**Table 9: Number of Persons Engaged by Industrial Activity and Region, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Arusha	Dar es Salaam	Manyara	Morogoro	Kilimanjaro	Mwanza	Shinyanga	Kagera	Others	Total
5	Mining of coal and lignite	-	-	-	-	-	-	-	-	77	77
7	Mining of metal ores	-	-	27	-	-	-	4,723	-	4,777	9,527
8	Other mining and quarrying	-	52	16,679	54	326	-	633	39	4,335	22,118
9	Mining support service activities	-	-	-	-	-	-	-	-	21	21
<b>B</b>	<b>Mining and quarrying</b>	-	<b>52</b>	<b>16,706</b>	<b>54</b>	<b>326</b>	-	<b>5,356</b>	<b>39</b>	<b>9,210</b>	<b>31,743</b>
10	Manufacture of food products	3,576	10,134	3,424	11,571	5,053	3,368	1,544	2,631	22,278	63,579
11	Manufacture of beverages	1,400	8,002	-	68	1,663	650	135	21	1,415	13,354
12	Manufacture of tobacco products	-	603	-	5,260	-	-	-	-	-	5,863
13	Manufacture of textiles	3,700	3,961	10	2,546	417	911	250	13	598	12,406
14	Manufacture of wearing apparel	-	237	-	2,403	-	-	10	17	82	2,749
15	Manufacture of leather and related products	76	747	-	320	315	49	-	-	130	1,637
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	490	947	-	83	1,534	484	31	-	1,810	5,379
17	Manufacture of paper and paper products	47	847	-	-	124	110	11	-	1,525	2,664
18	Printing and reproduction of recorded media	214	2,639	26	58	62	-	-	42	171	3,212
19	Manufacture of coke and refined petroleum products	-	273	-	-	-	-	20	-	-	293
20	Manufacture of chemicals and chemical products	14	4,279	26	-	110	18	11	-	3,126	7,584
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	819	-	-	-	168	-	-	-	987
22	Manufacture of rubber and plastics products	331	3,587	-	156	115	235	-	-	817	5,241
23	Manufacture of other non-metallic mineral products	479	2,902	129	400	421	627	180	181	4,833	10,152
24	Manufacture of basic metals	532	1,873	-	125	41	510	21	-	417	3,519
25	Manufacture of fabricated metal products, except machinery and equipment	326	1,291	35	164	43	55	-	-	297	2,211
26	Manufacture of computer, electronic and optical products	130	27	-	-	-	-	-	-	-	157
27	Manufacture of electrical equipment	486	837	-	-	-	-	-	-	121	1,444
28	Manufacture of machinery and equipment n.e.c.	169	54	-	14	37	47	19	-	180	520
29	Manufacture of motor vehicles, trailers and semi-trailers	45	305	19	-	-	51	-	-	510	930
30	Manufacture of other transport equipment	-	816	-	-	-	142	-	-	-	958
31	Manufacture of furniture	1,144	2,312	51	437	44	514	13	61	2,503	7,079
32	Other manufacturing	110	3,686	-	-	-	-	-	-	469	4,265
33	Repair and installation of machinery and equipment	20	315	-	-	-	20	-	-	41	396
<b>C</b>	<b>Manufacturing</b>	<b>13,289</b>	<b>51,493</b>	<b>3,720</b>	<b>23,605</b>	<b>9,979</b>	<b>7,959</b>	<b>2,245</b>	<b>2,966</b>	<b>41,323</b>	<b>156,579</b>
35	Electricity, gas, steam and air conditioning supply	-	10	24	271	544	519	359	429	1,829	3,985
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	-	<b>10</b>	<b>24</b>	<b>271</b>	<b>544</b>	<b>519</b>	<b>359</b>	<b>429</b>	<b>1,829</b>	<b>3,985</b>
36	Water collection, treatment and supply	287	50	266	48	634	283	158	3,647	3,539	8,912
38	Waste collection, treatment and disposal activities; materials recovery	-	59	-	-	74	-	-	-	-	133
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>287</b>	<b>109</b>	<b>266</b>	<b>48</b>	<b>708</b>	<b>283</b>	<b>158</b>	<b>3,647</b>	<b>3,539</b>	<b>9,045</b>
<b>Total</b>		<b>13,576</b>	<b>51,664</b>	<b>20,716</b>	<b>23,978</b>	<b>11,557</b>	<b>8,761</b>	<b>8,118</b>	<b>7,081</b>	<b>55,901</b>	<b>201,352</b>

**Table 10: Number of Persons Engaged by Industrial Activity and Form of Ownership, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Public	Private	Mixed	Total
5	Mining of coal and lignite	-	77	-	77
7	Mining of metal ores	336	9,191	-	9,527
8	Other mining and quarrying	344	20,935	839	22,118
9	Mining support service activities	-	21	-	21
<b>B</b>	<b>Mining and quarrying</b>	<b>680</b>	<b>30,224</b>	<b>839</b>	<b>31,743</b>
10	Manufacture of food products	1,201	61,795	583	63,579
11	Manufacture of beverages	307	12,702	345	13,354
12	Manufacture of tobacco products	-	5,863	-	5,863
13	Manufacture of textiles	-	11,908	498	12,406
14	Manufacture of wearing apparel	-	2,749	-	2,749
15	Manufacture of leather and related products	132	1,415	90	1,637
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	307	4,652	420	5,379
17	Manufacture of paper and paper products	41	2,623	-	2,664
18	Printing and reproduction of recorded media	75	2,986	151	3,212
19	Manufacture of coke and refined petroleum products	-	293	-	293
20	Manufacture of chemicals and chemical products	15	7,551	18	7,584
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	820	167	987
22	Manufacture of rubber and plastics products	-	5,241	-	5,241
23	Manufacture of other non-metallic mineral products	500	8,555	1,097	10,152
24	Manufacture of basic metals	94	3,413	12	3,519
25	Manufacture of fabricated metal products, except machinery and equipment	47	2,164	-	2,211
26	Manufacture of computer, electronic and optical products	-	157	-	157
27	Manufacture of electrical equipment	116	1,328	-	1,444
28	Manufacture of machinery and equipment n.e.c.	227	293	-	520
29	Manufacture of motor vehicles, trailers and semi-trailers	510	420	-	930
30	Manufacture of other transport equipment	-	958	-	958
31	Manufacture of furniture	339	6,710	30	7,079
32	Other manufacturing	-	4,251	14	4,265
33	Repair and installation of machinery and equipment	-	396	-	396
<b>C</b>	<b>Manufacturing</b>	<b>3,911</b>	<b>149,243</b>	<b>3,425</b>	<b>156,579</b>
35	Electricity, gas, steam and air conditioning supply	3,666	319	-	3,985
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>3,666</b>	<b>319</b>	<b>-</b>	<b>3,985</b>
36	Water collection, treatment and supply	4,551	4,340	21	8,912
38	Waste collection, treatment and disposal activities; materials recovery	-	133	-	133
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>4,551</b>	<b>4,473</b>	<b>21</b>	<b>9,045</b>
<b>Total</b>		<b>12,808</b>	<b>184,259</b>	<b>4,285</b>	<b>201,352</b>

**Table 11: Number of Persons Engaged by Industrial Activity and Origin of Ownership, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	National	Foreign	Joint	Total
	5 Mining of coal and lignite	-	77	-	77
	7 Mining of metal ores	2,390	7,137	-	9,527
	8 Other mining and quarrying	20,491	225	1,402	22,118
	9 Mining support service activities	21	-	-	21
<b>B</b>	<b>Mining and quarrying</b>	<b>22,902</b>	<b>7,439</b>	<b>1,402</b>	<b>31,743</b>
	10 Manufacture of food products	39,173	11,717	12,689	63,579
	11 Manufacture of beverages	8,832	3,306	1,216	13,354
	12 Manufacture of tobacco products	-	5,260	603	5,863
	13 Manufacture of textiles	4,197	4,885	3,324	12,406
	14 Manufacture of wearing apparel	344	2,405	-	2,749
	15 Manufacture of leather and related products	1,239	308	90	1,637
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	3,770	1,007	602	5,379
	17 Manufacture of paper and paper products	793	1,871	-	2,664
	18 Printing and reproduction of recorded media	2,483	91	638	3,212
	19 Manufacture of coke and refined petroleum products	49	224	20	293
	20 Manufacture of chemicals and chemical products	6,675	705	204	7,584
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	335	652	-	987
	22 Manufacture of rubber and plastics products	1,825	2,427	989	5,241
	23 Manufacture of other non-metallic mineral products	7,108	1,596	1,448	10,152
	24 Manufacture of basic metals	2,703	257	559	3,519
	25 Manufacture of fabricated metal products, except machinery and equipment	1,786	269	156	2,211
	26 Manufacture of computer, electronic and optical products	-	157	-	157
	27 Manufacture of electrical equipment	747	195	502	1,444
	28 Manufacture of machinery and equipment n.e.c.	520	-	-	520
	29 Manufacture of motor vehicles, trailers and semi-trailers	853	77	-	930
	30 Manufacture of other transport equipment	582	376	-	958
	31 Manufacture of furniture	5,894	1,092	93	7,079
	32 Other manufacturing	1,323	2,823	119	4,265
	33 Repair and installation of machinery and equipment	227	22	147	396
<b>C</b>	<b>Manufacturing</b>	<b>91,458</b>	<b>41,722</b>	<b>23,399</b>	<b>156,579</b>
	35 Electricity, gas, steam and air conditioning supply	3,952	33	-	3,985
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>3,952</b>	<b>33</b>	<b>-</b>	<b>3,985</b>
	36 Water collection, treatment and supply	8,870	21	21	8,912
	38 Waste collection, treatment and disposal activities; materials recovery	20	113	-	133
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>8,890</b>	<b>134</b>	<b>21</b>	<b>9,045</b>
<b>Total</b>		<b>127,202</b>	<b>49,328</b>	<b>24,822</b>	<b>201,352</b>



**Table 12: Number of Persons Engaged by Industrial Activity and Employment Size, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	10-19	20-49	50-99	100-499	500+	Total
	5 Mining of coal and lignite	-	-	77	-	-	77
	7 Mining of metal ores	259	698	235	1,198	7,137	9,527
	8 Other mining and quarrying	5,111	8,574	2,588	4,626	1,219	22,118
	9 Mining support service activities	-	21	-	-	-	21
<b>B</b>	<b>Mining and quarrying</b>	<b>5,370</b>	<b>9,293</b>	<b>2,900</b>	<b>5,824</b>	<b>8,356</b>	<b>31,743</b>
	10 Manufacture of food products	9,318	5,246	6,127	18,745	24,143	63,579
	11 Manufacture of beverages	459	1,112	1,035	5,557	5,191	13,354
	12 Manufacture of tobacco products	-	-	-	603	5,260	5,863
	13 Manufacture of textiles	390	562	681	2,839	7,934	12,406
	14 Manufacture of wearing apparel	122	105	-	134	2,388	2,749
	15 Manufacture of leather and related products	94	347	515	681	-	1,637
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,903	1,689	316	1,471	-	5,379
	17 Manufacture of paper and paper products	60	88	267	743	1,506	2,664
	18 Printing and reproduction of recorded media	386	533	627	1,666	-	3,212
	19 Manufacture of coke and refined petroleum products	-	69	88	136	-	293
	20 Manufacture of chemicals and chemical products	444	448	1,174	3,011	2,507	7,584
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	91	335	561	-	987
	22 Manufacture of rubber and plastics products	123	719	1,468	2,931	-	5,241
	23 Manufacture of other non-metallic mineral products	2,727	1,537	1,578	3,715	595	10,152
	24 Manufacture of basic metals	402	1,146	230	1,741	-	3,519
	25 Manufacture of fabricated metal products, except machinery and equipment	755	447	439	570	-	2,211
	26 Manufacture of computer, electronic and optical products	-	27	-	130	-	157
	27 Manufacture of electrical equipment	75	86	428	855	-	1,444
	28 Manufacture of machinery and equipment n.e.c.	155	133	-	232	-	520
	29 Manufacture of motor vehicles, trailers and semi-trailers	57	124	239	-	510	930
	30 Manufacture of other transport equipment	-	-	142	816	-	958
	31 Manufacture of furniture	2,340	1,216	1,034	1,871	618	7,079
	32 Other manufacturing	250	589	243	1,053	2,130	4,265
	33 Repair and installation of machinery and equipment	67	140	56	133	-	396
<b>C</b>	<b>Manufacturing</b>	<b>20,127</b>	<b>16,454</b>	<b>17,022</b>	<b>50,194</b>	<b>52,782</b>	<b>156,579</b>
	35 Electricity, gas, steam and air conditioning supply	100	200	220	3,465	-	3,985
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>100</b>	<b>200</b>	<b>220</b>	<b>3,465</b>	<b>-</b>	<b>3,985</b>
	36 Water collection, treatment and supply	913	1,109	1,148	2,164	3,578	8,912
	38 Waste collection, treatment and disposal activities; materials recovery	20	39	74	-	-	133
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>933</b>	<b>1,148</b>	<b>1,222</b>	<b>2,164</b>	<b>3,578</b>	<b>9,045</b>
<b>Total</b>		<b>26,530</b>	<b>27,095</b>	<b>21,364</b>	<b>61,647</b>	<b>64,716</b>	<b>201,352</b>

**Table 13: Number of Persons Engaged by Region and Employment Size, Tanzania Mainland, ASIP-2015**

<b>Region</b>	<b>10-19</b>	<b>20-49</b>	<b>50-99</b>	<b>100-499</b>	<b>500+</b>	<b>Total</b>
Dodoma	544	586	188	881	-	2,199
Arusha	1,165	1,118	3,319	3,711	4,263	13,576
Kilimanjaro	1,606	2,072	935	1,716	5,228	11,557
Tanga	446	652	521	4,411	1,016	7,046
Morogoro	2,772	1,016	485	1,099	18,606	23,978
Pwani	365	730	534	2,414	3,097	7,140
Dar es Salaam	4,239	4,470	6,645	22,853	13,457	51,664
Lindi	194	178	-	392	-	764
Mtwara	539	239	703	1,351	-	2,832
Ruvuma	294	241	174	478	543	1,730
Iringa	132	239	614	1,515	2,410	4,910
Mbeya	715	905	471	3,984	-	6,075
Singida	1,152	1,113	344	924	-	3,533
Tabora	135	92	156	327	-	710
Rukwa	888	631	97	-	-	1,616
Kigoma	1,399	383	62	498	-	2,342
Shinyanga	798	393	406	1,327	5,194	8,118
Kagera	384	361	119	2,136	4,081	7,081
Mwanza	778	886	1,472	3,982	1,643	8,761
Mara	588	1,805	817	2,888	965	7,063
Manyara	5,866	7,892	2,210	3,401	1,347	20,716
Njombe	73	160	105	430	1,338	2,106
Katavi	382	141	418	-	-	941
Simiyu	735	287	128	670	-	1,820
Geita	157	388	-	259	1,528	2,332
Songwe	184	117	441	-	-	742
<b>Total</b>	<b>26,530</b>	<b>27,095</b>	<b>21,364</b>	<b>61,647</b>	<b>64,716</b>	<b>201,352</b>

**Table 14: Number of Person Engaged by Industrial Activity and Type of Legal Organisation, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Type of Legal Organisation							Total	
		Sole Proprietorship	Partnership	Public	Parastatal	Cooperative	Private Company	Private Company Limited		Other
	5 Mining of coal and lignite	-	-	-	-	-	-	77	-	77
	7 Mining of metal ores	845	479	336	-	530	95	7,242	-	9,527
	8 Other mining and quarrying	11,800	5,239	200	68	2,437	606	1,717	51	22,118
	9 Mining support service activities	-	-	-	-	21	-	-	-	21
<b>B</b>	<b>Mining and quarrying</b>	<b>12,645</b>	<b>5,718</b>	<b>536</b>	<b>68</b>	<b>2,988</b>	<b>701</b>	<b>9,036</b>	<b>51</b>	<b>31,743</b>
	10 Manufacture of food products	9,443	8,878	976	-	1,568	3,451	39,158	105	63,579
	11 Manufacture of beverages	1,793	1,019	307	-	13	1,826	8,350	46	13,354
	12 Manufacture of tobacco products	-	-	-	-	-	-	5,863	-	5,863
	13 Manufacture of textiles	1,266	469	-	-	53	507	10,111	-	12,406
	14 Manufacture of wearing apparel	28	10	-	-	82	134	2,495	-	2,749
	15 Manufacture of leather and related products	134	63	132	-	107	456	745	-	1,637
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2,112	535	74	-	334	97	2,019	208	5,379
	17 Manufacture of paper and paper products	118	154	41	-	18	509	1,824	-	2,664
	18 Printing and reproduction of recorded media	552	441	75	-	-	123	1,904	117	3,212
	19 Manufacture of coke and refined petroleum products	-	-	-	-	-	136	157	-	293
	20 Manufacture of chemicals and chemical products	605	290	15	-	142	71	6,461	-	7,584
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	-	-	-	-	-	987	-	987
	22 Manufacture of rubber and plastics products	553	403	-	-	81	224	3,980	-	5,241
	23 Manufacture of other non-metallic mineral products	2,217	930	559	30	502	402	5,319	193	10,152
	24 Manufacture of basic metals	379	56	94	-	12	50	2,928	-	3,519
	25 Manufacture of fabricated metal products, except machinery and equipment	414	302	26	-	136	123	1,179	31	2,211
	26 Manufacture of computer, electronic and optical products	-	-	-	-	-	-	157	-	157
	27 Manufacture of electrical equipment	14	-	-	-	116	39	1,275	-	1,444
	28 Manufacture of machinery and equipment n.e.c.	31	14	37	190	20	228	-	-	520
	29 Manufacture of motor vehicles, trailers and semi-trailers	19	-	510	-	-	115	286	-	930
	30 Manufacture of other transport equipment	440	-	-	-	-	-	518	-	958
	31 Manufacture of furniture	2,113	1,337	289	-	617	195	2,285	243	7,079
	32 Other manufacturing	2,418	144	-	-	124	94	1,485	-	4,265
	33 Repair and installation of machinery and equipment	133	42	-	-	12	-	209	-	396
<b>C</b>	<b>Manufacturing</b>	<b>24,782</b>	<b>15,087</b>	<b>3,135</b>	<b>220</b>	<b>3,937</b>	<b>8,780</b>	<b>99,695</b>	<b>943</b>	<b>156,579</b>
	35 Electricity, gas, steam and air conditioning supply	66	152	3,210	456	-	16	85	-	3,985
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>66</b>	<b>152</b>	<b>3,210</b>	<b>456</b>	<b>-</b>	<b>16</b>	<b>85</b>	<b>-</b>	<b>3,985</b>
	36 Water collection, treatment and supply	53	194	3,488	1,033	26	250	3,856	12	8,912
	38 Waste collection, treatment and disposal activities; materials recovery	-	-	-	-	-	-	133	-	133
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>53</b>	<b>194</b>	<b>3,488</b>	<b>1,033</b>	<b>26</b>	<b>250</b>	<b>3,989</b>	<b>12</b>	<b>9,045</b>
<b>Total</b>		<b>37,546</b>	<b>21,151</b>	<b>10,369</b>	<b>1,777</b>	<b>6,951</b>	<b>9,747</b>	<b>112,805</b>	<b>1,006</b>	<b>201,352</b>

**Table 15: Number of Persons Engaged by Industrial Activity and Year Operation Started, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Year Operation Started						Total
		<1990	1990-1994	1995-1999	2000-2004	2005-2013	>=2014	
05	Mining of coal and lignite	-	-	-	-	77	-	77
07	Mining of metal ores	150	216	1,071	4,213	3,780	97	9,527
08	Other mining and quarrying	1,446	1,478	2,964	3,262	10,441	2,527	22,118
09	Mining support service activities	-	-	-	-	-	21	21
<b>B</b>	<b>Mining and quarrying</b>	<b>1,596</b>	<b>1,694</b>	<b>4,035</b>	<b>7,475</b>	<b>14,298</b>	<b>2,645</b>	<b>31,743</b>
10	Manufacture of food products	11,908	3,022	10,117	7,341	26,026	5,165	63,579
11	Manufacture of beverages	2,801	718	4,656	3,368	1,254	557	13,354
12	Manufacture of tobacco products	476	-	5,260	-	127	-	5,863
13	Manufacture of textiles	5,335	-	721	3,405	2,644	301	12,406
14	Manufacture of wearing apparel	22	134	86	-	2,494	13	2,749
15	Manufacture of leather and related products	285	352	-	115	778	107	1,637
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	734	337	129	1,099	2,379	701	5,379
17	Manufacture of paper and paper products	113	-	449	356	1,746	-	2,664
18	Printing and reproduction of recorded media	1,282	634	39	460	686	111	3,212
19	Manufacture of coke and refined petroleum products	136	-	49	-	108	-	293
20	Manufacture of chemicals and chemical products	2,261	-	1,519	1,746	1,375	683	7,584
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	91	-	167	-	561	168	987
22	Manufacture of rubber and plastics products	341	370	636	921	2,692	281	5,241
23	Manufacture of other non-metallic mineral products	2,232	824	211	477	4,861	1,547	10,152
24	Manufacture of basic metals	288	42	1,298	624	1,068	199	3,519
25	Manufacture of fabricated metal products, except machinery and equipment	702	39	176	187	1,014	93	2,211
26	Manufacture of computer, electronic and optical products	130	-	-	-	-	27	157
27	Manufacture of electrical equipment	502	-	217	439	271	15	1,444
28	Manufacture of machinery and equipment n.e.c.	191	-	-	119	210	-	520
29	Manufacture of motor vehicles, trailers and semi-trailers	658	-	-	52	220	-	930
30	Manufacture of other transport equipment	-	440	142	-	376	-	958
31	Manufacture of furniture	2,017	628	621	971	1,946	896	7,079
32	Other manufacturing	184	53	69	664	2,970	325	4,265
33	Repair and installation of machinery and equipment	283	40	-	32	-	41	396
<b>C</b>	<b>Manufacturing</b>	<b>32,972</b>	<b>7,633</b>	<b>26,562</b>	<b>22,376</b>	<b>55,806</b>	<b>11,230</b>	<b>156,579</b>
35	Electricity, gas, steam and air conditioning supply	1,704	90	139	43	1,992	17	3,985
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>1,704</b>	<b>90</b>	<b>139</b>	<b>43</b>	<b>1,992</b>	<b>17</b>	<b>3,985</b>
36	Water collection, treatment and supply	4,000	348	2,128	804	1,480	152	8,912
38	Waste collection, treatment and disposal activities; materials recovery	-	-	-	-	133	-	133
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>4,000</b>	<b>348</b>	<b>2,128</b>	<b>804</b>	<b>1,613</b>	<b>152</b>	<b>9,045</b>
	<b>Total</b>	<b>40,272</b>	<b>9,765</b>	<b>32,864</b>	<b>30,698</b>	<b>73,709</b>	<b>14,044</b>	<b>201,352</b>

**Table 16: Number of Persons Engaged by Region and Year Operation Started, Tanzania Mainland, ASIP-2015**

Region	<1990	>=2014	1990-1994	1995-1999	2000-2004	2005-2013	Total
Dodoma	32	709	-	292	335	831	2,199
Arusha	6,945	711	653	483	1,613	3,171	13,576
Kilimanjaro	5,067	574	678	760	488	3,990	11,557
Tanga	2,689	56	-	1,462	923	1,916	7,046
Morogoro	182	1,133	560	6,753	2,093	13,257	23,978
Pwani	510	486	-	2,962	536	2,646	7,140
Dar es Salaam	12,462	1,556	2,313	10,471	9,139	15,723	51,664
Lindi	11	159	-	76	50	468	764
Mtwara	382	657	307	294	30	1,162	2,832
Ruvuma	708	34	12	164	98	714	1,730
Iringa	561	19	1,033	364	795	2,138	4,910
Mbeya	729	265	364	443	1,993	2,281	6,075
Singida	65	416	301	60	284	2,407	3,533
Tabora	53	327	-	115	23	192	710
Rukwa	-	335	29	148	98	1,006	1,616
Kigoma	86	685	127	160	277	1,007	2,342
Shinyanga	979	463	17	904	2,932	2,823	8,118
Kagera	4,449	131	-	679	1,166	656	7,081
Mwanza	1,841	663	1,432	1,680	646	2,499	8,761
Mara	366	1,345	278	1,323	791	2,960	7,063
Manyara	610	2,079	1,502	2,880	4,367	9,278	20,716
Njombe	1,338	88	-	99	46	535	2,106
Katavi	20	130	114	-	68	609	941
Simiyu	67	622	-	173	176	782	1,820
Geita	-	299	-	108	1,577	348	2,332
Songwe	120	102	45	11	154	310	742
<b>Total</b>	<b>40,272</b>	<b>14,044</b>	<b>9,765</b>	<b>32,864</b>	<b>30,698</b>	<b>73,709</b>	<b>201,352</b>

**Table 17: Evolution in Persons Engaged by Industrial Activity and Sex, June to December 2015, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	As at June 2015			As at December 2015		
		Male	Female	Total	Male	Female	Total
	5 Mining of coal and lignite	55	-	55	76	1	77
	7 Mining of metal ores	9,225	304	9,529	9,144	553	9,697
	8 Other mining and quarrying	15,490	4,397	19,887	15,430	4,392	19,822
	9 Mining support service activities	3	-	3	3	-	3
<b>B</b>	<b>Mining and quarrying</b>	<b>24,773</b>	<b>4,701</b>	<b>29,474</b>	<b>24,653</b>	<b>4,946</b>	<b>29,599</b>
	10 Manufacture of food products	27,549	9,886	37,435	26,750	10,880	37,630
	11 Manufacture of beverages	6,275	1,578	7,853	6,379	1,480	7,859
	12 Manufacture of tobacco products	1,430	327	1,757	3,350	2,467	5,817
	13 Manufacture of textiles	7,746	5,350	13,096	7,854	5,364	13,218
	14 Manufacture of wearing apparel	432	2,144	2,576	460	2,311	2,771
	15 Manufacture of leather and related products	804	646	1,450	825	544	1,369
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2,002	493	2,495	1,902	475	2,377
	17 Manufacture of paper and paper products	2,017	380	2,397	1,812	296	2,108
	18 Printing and reproduction of recorded media	2,027	762	2,789	1,852	754	2,606
	19 Manufacture of coke and refined petroleum products	162	27	189	191	42	233
	20 Manufacture of chemicals and chemical products	2,556	1,818	4,374	2,508	1,966	4,474
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	439	323	762	450	331	781
	22 Manufacture of rubber and plastics products	2,650	749	3,399	2,730	761	3,491
	23 Manufacture of other non-metallic mineral products	5,267	658	5,925	4,839	667	5,506
	24 Manufacture of basic metals	1,922	232	2,154	1,846	312	2,158
	25 Manufacture of fabricated metal products, except machinery and equipment	1,332	177	1,509	1,320	178	1,498
	26 Manufacture of computer, electronic and optical products	119	24	143	130	27	157
	27 Manufacture of electrical equipment	786	116	902	809	125	934
	28 Manufacture of machinery and equipment n.e.c.	317	89	406	315	89	404
	29 Manufacture of motor vehicles, trailers and semi-trailers	685	136	821	688	135	823
	30 Manufacture of other transport equipment	134	235	369	477	235	712
	31 Manufacture of furniture	4,064	802	4,866	3,689	839	4,528
	32 Other manufacturing	1,387	2,061	3,448	1,436	2,311	3,747
	33 Repair and installation of machinery and equipment	339	26	365	321	24	345
<b>C</b>	<b>Manufacturing</b>	<b>72,441</b>	<b>29,039</b>	<b>101,480</b>	<b>72,933</b>	<b>32,613</b>	<b>105,546</b>
	35 Electricity, gas, steam and air conditioning supply	2,067	392	2,459	2,105	381	2,486
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>2,067</b>	<b>392</b>	<b>2,459</b>	<b>2,105</b>	<b>381</b>	<b>2,486</b>
	36 Water collection, treatment and supply	6,033	1,446	7,479	6,065	1,559	7,624
	38 Waste collection, treatment and disposal activities; materials recovery	85	26	111	80	26	106
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>6,118</b>	<b>1,472</b>	<b>7,590</b>	<b>6,145</b>	<b>1,585</b>	<b>7,730</b>
<b>Total</b>		<b>105,399</b>	<b>35,604</b>	<b>141,003</b>	<b>105,836</b>	<b>39,525</b>	<b>145,361</b>

**Table 18: Evolution in Persons Engaged by Region and Sex, June to December 2015, Tanzania Mainland, ASIP-2015**

Region	As at June 2015			As at December 2015		
	Male	Female	Total	Male	Female	Total
Dodoma	716	230	946	710	227	937
Arusha	7,687	4,170	11,857	7,550	4,080	11,630
Kilimanjaro	5,088	1,433	6,521	4,119	1,494	5,613
Tanga	2,298	875	3,173	2,416	1,003	3,419
Morogoro	11,465	4,838	16,303	13,453	7,635	21,088
Pwani	3,473	859	4,332	3,522	895	4,417
Dar es Salaam	26,484	10,384	36,868	26,631	11,052	37,683
Lindi	319	69	388	296	79	375
Mtwara	656	1,046	1,702	730	1,085	1,815
Ruvuma	452	652	1,104	428	674	1,102
Iringa	3,379	880	4,259	3,175	799	3,974
Mbeya	2,896	938	3,834	2,899	955	3,854
Singida	1,953	416	2,369	1,981	404	2,385
Tabora	545	51	596	531	53	584
Rukwa	592	173	765	599	172	771
Kigoma	1,120	200	1,320	671	254	925
Shinyanga	14,154	4,313	18,467	14,194	4,496	18,690
Kagera	4,204	909	5,113	4,209	909	5,118
Mwanza	4,100	1,149	5,249	4,101	1,113	5,214
Mara	3,140	713	3,853	3,009	757	3,766
Manyara	6,558	368	6,926	6,384	370	6,754
Njombe	1,535	429	1,964	1,466	414	1,880
Katavi	149	26	175	132	23	155
Simiyu	510	194	704	642	285	927
Geita	1,636	201	1,837	1,741	223	1,964
Songwe	290	88	378	247	74	321
<b>Total</b>	<b>105,399</b>	<b>35,604</b>	<b>141,003</b>	<b>105,836</b>	<b>39,525</b>	<b>145,361</b>

**Table 19: Number of Persons Engaged by Industrial Activity, Employment Status and Sex, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Employees														Total Persons Engaged	
		Working Proprietors and Partners		Managerial and Professional Staff		Operatives Skilled		Operatives Non Skilled		Unpaid Workers		Casual		Other			
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
51	Mining of hard coal	-	-	8	-	6	-	62	1	-	-	-	-	-	-	76	1
72	Mining of non-ferrous metal ores	94	17	359	64	6,858	454	1,201	56	6	-	373	8	29	8	8,920	607
81	Quarrying of stone, sand and clay	64	4	111	26	204	14	223	68	1	-	125	43	65	42	793	197
89	Mining and quarrying n.e.c.	417	37	920	56	1,766	98	7,996	480	67	4	8,548	458	257	24	19,971	1,157
99	Support activities for other mining and quarrying	-	-	3	-	6	-	12	-	-	-	-	-	-	-	21	-
<b>B</b>	<b>Mining and quarrying</b>	<b>575</b>	<b>58</b>	<b>1,401</b>	<b>146</b>	<b>8,840</b>	<b>566</b>	<b>9,494</b>	<b>605</b>	<b>74</b>	<b>4</b>	<b>9,046</b>	<b>509</b>	<b>351</b>	<b>74</b>	<b>29,781</b>	<b>1,962</b>
101	Processing and preserving of meat	18	3	114	66	170	57	301	74	3	-	204	191	-	-	810	391
102	Processing and preserving of fish, crustaceans and molluscs	14	2	201	92	874	258	863	577	-	-	530	305	15	-	2,497	1,234
103	Processing and preserving of fruit and vegetables	7	4	318	54	609	178	641	767	2	1	201	198	-	-	1,778	1,202
104	Manufacture of vegetable and animal oils and fats	229	116	569	149	1,033	275	1,066	438	55	22	3,547	1,203	40	7	6,539	2,210
105	Manufacture of dairy products	22	21	99	52	134	45	238	96	8	11	84	48	1	-	586	273
106	Manufacture of grain mill products, starches and starch products	341	135	711	256	2,329	476	3,402	1,317	169	74	1,493	904	92	27	8,537	3,189
107	Manufacture of other food products	182	72	3,073	787	4,559	1,487	12,135	5,787	38	12	2,956	1,866	99	142	23,042	10,153
108	Manufacture of prepared animal feeds	50	20	155	83	162	51	292	71	3	2	165	55	29	-	856	282
110	Manufacture of beverages	142	20	1,721	440	2,406	427	2,613	815	13	3	3,359	1,161	202	32	10,456	2,898
120	Manufacture of tobacco products	7	-	659	136	247	46	2,451	2,290	-	-	22	5	-	-	3,386	2,477
131	Spinning, weaving and finishing of textiles	17	43	327	151	1,265	1,542	1,485	1,332	-	-	241	212	2	4	3,337	3,284
139	Manufacture of other textiles	16	13	761	359	1,680	1,006	957	626	-	1	277	71	18	-	3,709	2,076
141	Manufacture of wearing apparel, except fur apparel	12	30	43	32	160	1,139	447	824	-	-	17	27	-	-	679	2,052



**Table 19 (cont'd): Number of Persons Engaged by Industrial Activity, Employment Status and Sex, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Working Proprietors and Partners		Employees						Unpaid Workers		Casual		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	Male	Female	Male	Female								
142	Manufacture of articles of fur	-	-	1	-	-	-	9	4	-	-	4	-	-	-	14	4
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	5	-	49	14	102	16	334	237	-	-	46	18	-	-	536	285
152	Manufacture of footwear	11	12	77	42	196	122	113	118	80	-	14	25	3	3	494	322
161	Sawmilling and planing of wood	148	39	343	84	579	45	832	117	62	3	1,517	190	225	11	3,706	489
162	Manufacture of products of wood, cork, straw and plaiting materials	39	23	72	20	145	22	475	178	4	-	150	53	3	-	888	296
170	Manufacture of paper and paper products	13	1	180	32	912	95	1,012	216	-	-	198	5	-	-	2,315	349
181	Printing and service activities related to printing	69	28	518	204	798	250	474	279	11	3	281	140	7	-	2,158	904
182	Reproduction of recorded media	4	-	19	5	50	5	40	15	-	-	12	-	-	-	125	25
192	Manufacture of refined petroleum products	4	-	35	12	72	14	51	39	-	-	25	-	41	-	228	65
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	4	-	83	27	150	8	105	26	-	-	31	5	-	-	373	66
202	Manufacture of other chemical products	50	90	511	217	559	341	1,053	1,750	3	2	1,079	1,426	54	10	3,309	3,836
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	2	-	153	90	128	86	162	150	-	-	99	117	-	-	544	443
221	Manufacture of rubber products	3	-	10	26	24	11	28	12	-	12	11	1	-	-	76	62
222	Manufacture of plastics products	71	5	553	130	916	206	1,361	531	-	6	858	439	1	26	3,760	1,343
231	Manufacture of glass and glass products	8	2	59	21	552	37	81	25	-	-	51	1	-	-	751	86

**Table 19 (cont'd): Number of Persons Engaged by Industrial Activity, Employment Status and Sex, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Employees														Total Persons Engaged	
		Working Proprietors and Partners		Managerial and Professional Staff		Operatives Skilled		Operatives Non Skilled		Unpaid Workers		Casual		Other			
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
239	Manufacture of non-metallic mineral products n.e.c.	341	83	794	199	2,071	240	2,079	290	31	1	2,325	644	198	19	7,839	1,476
241	Manufacture of basic iron and steel	33	1	315	56	680	74	774	99	6	1	1,107	20	18	5	2,933	256
242	Manufacture of basic precious and other non-ferrous metals	-	-	46	10	18	2	92	16	-	-	28	10	8	-	192	38
243	Casting of metals	5	-	1	-	22	-	30	-	-	-	39	-	3	-	100	-
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	75	-	116	29	318	7	422	62	13	-	117	15	4	1	1,065	114
259	Manufacture of other fabricated metal products; metalworking service activities	61	6	91	24	217	56	266	37	8	-	227	25	13	1	883	149
261	Manufacture of electronic components and boards	-	-	38	8	40	-	2	-	-	-	-	-	30	12	110	20
262	Manufacture of computers and peripheral equipment	1	-	6	1	13	5	-	1	-	-	-	-	-	-	20	7
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	-	-	-	1	43	1	-	-	-	-	-	-	-	-	43	2
272	Manufacture of batteries and accumulators	3	-	58	12	64	3	-	-	-	-	45	10	-	-	170	25
273	Manufacture of wiring and wiring devices	3	-	38	19	82	9	61	-	-	-	133	82	-	-	317	110
275	Manufacture of domestic appliances	9	-	65	10	163	1	149	57	-	-	208	30	-	-	594	98
279	Manufacture of other electrical equipment	-	-	9	3	25	5	43	-	-	-	-	-	-	-	77	8
281	Manufacture of general-purpose machinery	1	-	9	2	-	-	5	-	-	-	-	-	-	-	15	2

**Table 19 (cont'd): Number of Persons Engaged by Industrial Activity, Employment Status and Sex, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Working Proprietors and Partners		Employees						Unpaid Workers		Casual		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	Male	Female	Male	Female								
282	Manufacture of special-purpose machinery	10	2	106	47	169	23	58	21	1	3	44	12	7	-	395	108
291	Manufacture of motor vehicles	1	-	1	1	8	-	-	-	-	-	-	-	-	1	10	2
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	10	-	22	3	103	1	67	-	-	-	29	-	-	-	231	4
293	Manufacture of parts and accessories for motor vehicles	4	1	205	66	81	56	206	54	-	-	6	4	-	-	502	181
301	Building of ships and boats	-	-	12	2	20	2	28	1	-	-	75	2	-	-	135	7
302	Manufacture of railway locomotives and rolling stock	-	-	5	1	3	12	40	155	-	-	55	105	-	-	103	273
309	Manufacture of transport equipment n.e.c.	-	-	91	50	170	-	123	6	-	-	-	-	-	-	384	56
310	Manufacture of furniture	242	25	592	183	2,072	428	1,546	375	110	12	1,234	227	26	7	5,822	1,257
321	Manufacture of jewellery, bijouterie and related articles	30	49	47	3	85	7	26	32	-	-	5	-	8	-	201	91
324	Manufacture of games and toys	-	-	14	23	438	1,689	-	-	-	-	5	-	-	-	457	1,712
329	Other manufacturing n.e.c.	20	26	159	53	285	127	372	427	4	-	147	184	-	-	987	817
331	Repair of fabricated metal products, machinery and equipment	12	5	82	16	213	7	53	2	-	-	6	-	-	-	366	30
<b>C</b>	<b>Manufacturing</b>	<b>2,349</b>	<b>877</b>	<b>14,336</b>	<b>4,403</b>	<b>28,214</b>	<b>11,000</b>	<b>39,463</b>	<b>20,346</b>	<b>624</b>	<b>169</b>	<b>23,307</b>	<b>10,036</b>	<b>1,147</b>	<b>308</b>	<b>109,440</b>	<b>47,139</b>
351	Electric power generation, transmission and distribution	8	2	468	127	1,036	182	671	198	12	4	1,098	126	20	12	3,313	651
352	Manufacture of gas; distribution of gaseous fuels through mains	1	-	2	-	4	-	7	3	-	-	4	-	-	-	18	3
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>9</b>	<b>2</b>	<b>470</b>	<b>127</b>	<b>1,040</b>	<b>182</b>	<b>678</b>	<b>201</b>	<b>12</b>	<b>4</b>	<b>1,102</b>	<b>126</b>	<b>20</b>	<b>12</b>	<b>3,331</b>	<b>654</b>
360	Water collection, treatment and supply	25	6	2,014	810	3,768	551	776	274	23	14	461	100	89	1	7,156	1,756
382	Waste treatment and disposal	3	1	3	1	1	-	3	-	3	1	3	1	-	-	16	4
383	Materials recovery	1	-	14	-	22	-	36	23	-	-	17	-	-	-	90	23
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>29</b>	<b>7</b>	<b>2,031</b>	<b>811</b>	<b>3,791</b>	<b>551</b>	<b>815</b>	<b>297</b>	<b>26</b>	<b>15</b>	<b>481</b>	<b>101</b>	<b>89</b>	<b>1</b>	<b>7,262</b>	<b>1,783</b>
<b>Total</b>		<b>2,962</b>	<b>944</b>	<b>18,238</b>	<b>5,487</b>	<b>41,885</b>	<b>12,299</b>	<b>50,450</b>	<b>21,449</b>	<b>736</b>	<b>192</b>	<b>33,936</b>	<b>10,772</b>	<b>1,607</b>	<b>395</b>	<b>149,814</b>	<b>51,538</b>

**Table 20: Number of Persons Engaged by Industrial Activity, Nationality and Sex, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Tanzanians			Foreigners			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
51	Mining of hard coal	72	1	73	4	-	4	76	1	77
72	Mining of non-ferrous metal ores	8,166	591	8,757	754	16	770	8,920	607	9,527
81	Quarrying of stone, sand and clay	758	194	952	35	3	38	793	197	990
89	Mining and quarrying n.e.c.	19,924	1,157	21,081	47	-	47	19,971	1,157	21,128
99	Support activities for other mining and quarrying	21	-	21	-	-	-	21	-	21
<b>B</b>	<b>Mining and quarrying</b>	<b>28,941</b>	<b>1,943</b>	<b>30,884</b>	<b>840</b>	<b>19</b>	<b>859</b>	<b>29,781</b>	<b>1,962</b>	<b>31,743</b>
101	Processing and preserving of meat	797	391	1,188	13	-	13	810	391	1,201
102	Processing and preserving of fish, crustaceans and molluscs	2,399	1,231	3,630	98	3	101	2,497	1,234	3,731
103	Processing and preserving of fruit and vegetables	1,605	1,194	2,799	173	8	181	1,778	1,202	2,980
104	Manufacture of vegetable and animal oils and fats	6,370	2,202	8,572	169	8	177	6,539	2,210	8,749
105	Manufacture of dairy products	552	267	819	34	6	40	586	273	859
106	Manufacture of grain mill products, starches and starch products	8,435	3,179	11,614	102	10	112	8,537	3,189	11,726
107	Manufacture of other food products	22,601	10,096	32,697	441	57	498	23,042	10,153	33,195
108	Manufacture of prepared animal feeds	841	281	1,122	15	1	16	856	282	1,138
110	Manufacture of beverages	10,327	2,888	13,215	129	10	139	10,456	2,898	13,354
120	Manufacture of tobacco products	3,355	2,476	5,831	31	1	32	3,386	2,477	5,863
131	Spinning, weaving and finishing of textiles	3,194	3,278	6,472	143	6	149	3,337	3,284	6,621
139	Manufacture of other textiles	3,544	2,019	5,563	165	57	222	3,709	2,076	5,785
141	Manufacture of wearing apparel, except fur apparel	662	2,046	2,708	17	6	23	679	2,052	2,731
142	Manufacture of articles of fur	14	4	18	-	-	-	14	4	18
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	530	285	815	6	-	6	536	285	821
152	Manufacture of footwear	477	313	790	17	9	26	494	322	816
161	Sawmilling and planing of wood	3,648	487	4,135	58	2	60	3,706	489	4,195
162	Manufacture of products of wood, cork, straw and plaiting materials	883	295	1,178	5	1	6	888	296	1,184
170	Manufacture of paper and paper products	2,231	349	2,580	84	-	84	2,315	349	2,664
181	Printing and service activities related to printing	2,071	900	2,971	87	4	91	2,158	904	3,062
182	Reproduction of recorded media	123	25	148	2	-	2	125	25	150
192	Manufacture of refined petroleum products	199	64	263	29	1	30	228	65	293
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	346	64	410	27	2	29	373	66	439
202	Manufacture of other chemical products	3,147	3,826	6,973	162	10	172	3,309	3,836	7,145
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	510	441	951	34	2	36	544	443	987
221	Manufacture of rubber products	68	62	130	8	-	8	76	62	138
222	Manufacture of plastics products	3,553	1,321	4,874	207	22	229	3,760	1,343	5,103
231	Manufacture of glass and glass products	691	84	775	60	2	62	751	86	837
239	Manufacture of non-metallic mineral products n.e.c.	7,666	1,455	9,121	173	21	194	7,839	1,476	9,315

**Table 20 (cont'd): Number of Persons Engaged by Industrial Activity, Nationality and Sex, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Tanzanians			Foreigners			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
241	Manufacture of basic iron and steel	2,752	252	3,004	181	4	185	2,933	256	3,189
242	Manufacture of basic precious and other non-ferrous metals	188	38	226	4	-	4	192	38	230
243	Casting of metals	100	-	100	-	-	-	100	-	100
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1,021	114	1,135	44	-	44	1,065	114	1,179
259	Manufacture of other fabricated metal products; metalworking service activities	870	149	1,019	13	-	13	883	149	1,032
261	Manufacture of electronic components and boards	102	20	122	8	-	8	110	20	130
262	Manufacture of computers and peripheral equipment	15	7	22	5	-	5	20	7	27
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	43	2	45	-	-	-	43	2	45
272	Manufacture of batteries and accumulators	167	24	191	3	1	4	170	25	195
273	Manufacture of wiring and wiring devices	305	109	414	12	1	13	317	110	427
275	Manufacture of domestic appliances	539	96	635	55	2	57	594	98	692
279	Manufacture of other electrical equipment	75	8	83	2	-	2	77	8	85
281	Manufacture of general-purpose machinery	15	2	17	-	-	-	15	2	17
282	Manufacture of special-purpose machinery	387	108	495	8	-	8	395	108	503
291	Manufacture of motor vehicles	9	2	11	1	-	1	10	2	12
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	223	4	227	8	-	8	231	4	235
293	Manufacture of parts and accessories for motor vehicles	493	180	673	9	1	10	502	181	683
301	Building of ships and boats	135	7	142	-	-	-	135	7	142
302	Manufacture of railway locomotives and rolling stock	100	270	370	3	3	6	103	273	376
309	Manufacture of transport equipment n.e.c.	377	56	433	7	-	7	384	56	440
310	Manufacture of furniture	5,701	1,248	6,949	121	9	130	5,822	1,257	7,079
321	Manufacture of jewellery, bijouterie and related articles	189	91	280	12	-	12	201	91	292
324	Manufacture of games and toys	439	1,703	2,142	18	9	27	457	1,712	2,169
329	Other manufacturing n.e.c.	939	816	1,755	48	1	49	987	817	1,804
331	Repair of fabricated metal products, machinery and equipment	354	25	379	12	5	17	366	30	396
<b>C</b>	<b>Manufacturing</b>	<b>106,377</b>	<b>46,854</b>	<b>153,231</b>	<b>3,063</b>	<b>285</b>	<b>3,348</b>	<b>109,440</b>	<b>47,139</b>	<b>156,579</b>
351	Electric power generation, transmission and distribution	3,311	651	3,962	2	-	2	3,313	651	3,964
352	Manufacture of gas; distribution of gaseous fuels through mains	15	3	18	3	-	3	18	3	21
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>3,326</b>	<b>654</b>	<b>3,980</b>	<b>5</b>	<b>-</b>	<b>5</b>	<b>3,331</b>	<b>654</b>	<b>3,985</b>
360	Water collection, treatment and supply	7,149	1,755	8,904	7	1	8	7,156	1,756	8,912
382	Waste treatment and disposal	16	4	20	-	-	-	16	4	20
383	Materials recovery	72	23	95	18	-	18	90	23	113
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>7,237</b>	<b>1,782</b>	<b>9,019</b>	<b>25</b>	<b>1</b>	<b>26</b>	<b>7,262</b>	<b>1,783</b>	<b>9,045</b>
<b>Total</b>		<b>145,881</b>	<b>51,233</b>	<b>197,114</b>	<b>3,933</b>	<b>305</b>	<b>4,238</b>	<b>149,814</b>	<b>51,538</b>	<b>201,352</b>

**Table 21: Compensation of Employees and Labour Costs by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Compensation of employees						Training Costs	Other Labour Cost	Total Labour Cost
		Gross wages & Salaries	Overtime	Travel Costs	Payment in Kind	Social Security Schemes	Total			
51	Mining of hard coal	296,497	-	-	48,000	29,650	374,147	-	-	374,147
72	Mining of non-ferrous metal ores	67,666,410	2,830,210	144,481,030	40,401,707	41,636,689	297,016,046	14,367,879	20,909	311,404,834
81	Quarrying of stone, sand and clay	10,187,351	438,093	52,310	987,271	634,404	12,299,429	4,616	172,862	12,476,907
89	Mining and quarrying n.e.c.	100,174,502	1,582,838	754,756	14,872,637	3,674,489	121,059,222	1,081,655	2,320,390	124,461,267
99	Support activities for other mining and quarrying	49,320	-	-	2,412	-	51,732	800	-	52,532
<b>B</b>	<b>Mining and quarrying</b>	<b>178,374,080</b>	<b>4,851,141</b>	<b>145,288,096</b>	<b>56,312,027</b>	<b>45,975,232</b>	<b>430,800,576</b>	<b>15,454,950</b>	<b>2,514,161</b>	<b>448,769,687</b>
101	Processing and preserving of meat	8,452,651	216,543	3,004,558	83,586	224,792	11,982,130	19,200	-	12,001,330
102	Processing and preserving of fish, crustaceans and molluscs	8,357,768	173,327	491,508	490,356	688,203	10,201,162	2,006	15,188,455	25,391,623
103	Processing and preserving of fruit and vegetables	15,813,165	93,434	73,286	109,515	784,851	16,874,251	97,396	1,064,245	18,035,892
104	Manufacture of vegetable and animal oils and fats	9,363,928	349,673	7,364,542	3,039,528	2,098,994	22,216,665	605,010	373,533	23,195,208
105	Manufacture of dairy products	2,636,250	9,860	140,589	336,902	367,468	3,491,069	37,294	52,508	3,580,871
106	Manufacture of grain mill products, starches and starch products	29,112,819	163,503	1,574,453	1,013,449	1,515,837	33,380,061	81,665	662,211	34,123,937
107	Manufacture of other food products	75,851,407	7,222,835	2,877,337	6,525,247	5,442,124	97,918,950	808,635	5,264,314	103,991,899
108	Manufacture of prepared animal feeds	3,074,259	2,085	104,817	258,544	504,158	3,943,863	70,851	407,076	4,421,790
110	Manufacture of beverages	105,991,823	3,856,537	5,385,668	12,262,081	16,308,527	143,804,636	1,446,870	9,267,574	154,519,080
120	Manufacture of tobacco products	39,837,684	544,557	63,759	7,297,009	6,845,040	54,588,049	1,065,331	5,869,149	61,522,529
131	Spinning, weaving and finishing of textiles	5,075,840	-	326,042	357,687	1,090,485	6,850,054	1,025	78,854	6,929,933
139	Manufacture of other textiles	30,773,528	341,600	466,186	1,206,288	2,200,187	34,987,789	153,385	1,366,448	36,507,622
141	Manufacture of wearing apparel, except fur apparel	89,457,315	587,562	174,603	141,298	7,146,047	97,506,825	46,205	1,779,798	99,332,828
142	Manufacture of articles of fur	28,200	-	-	-	-	28,200	1,000	-	29,200
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	1,404,927	20,640	68,499	9,221	172,091	1,675,378	4,196	929,118	2,608,692
152	Manufacture of footwear	2,152,459	685	17,072	109,383	457,581	2,737,180	300	32,613	2,770,093
161	Sawmilling and planing of wood	20,246,424	10,966	64,959	1,220,533	591,827	22,134,709	10,675	974,537	23,119,921
162	Manufacture of products of wood, cork, straw and plaiting materials	22,188,096	31,391	37,465	163,164	1,242,192	23,662,308	7,765	67,752	23,737,825
170	Manufacture of paper and paper products	8,997,919	53,426	1,009,990	748,058	587,699	11,397,092	1,542	860,518	12,259,152

**Table 21 (cont'd): Compensation of Employees and Labour Costs by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Compensation of employees					Training costs	Other Labour Cost	Total Labour Cost	
		Gross wages & Salaries	Overtime	Travel Costs	Payment in Kind	Social Security Schemes				Total
181	Printing and service activities related to printing	98,779,354	258,765	1,685,098	3,139,319	2,339,354	106,201,890	6,873,734	1,067,779	114,143,403
182	Reproduction of recorded media	414,968	2,000	10,690	8,833	24,487	460,978	-	35,380	496,358
192	Manufacture of refined petroleum products	1,285,996	11,700	4,118	64,038	128,146	1,493,998	5,941	94,100	1,594,039
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	2,176,067	58,213	300,382	472,195	331,254	3,338,111	51,342	73,163	3,462,616
202	Manufacture of other chemical products	23,350,184	256,094	1,445,746	1,871,348	2,264,772	29,188,144	81,960	1,296,281	30,566,385
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	6,042,884	336,182	167,047	522,593	380,873	7,449,579	96,125	544,030	8,089,734
221	Manufacture of rubber products	616,047	-	-	8,296	57,221	681,564	-	7,385	688,949
222	Manufacture of plastics products	17,374,321	313,552	800,633	1,397,851	1,332,717	21,219,074	327,369	895,030	22,441,473
231	Manufacture of glass and glass products	5,919,098	618,595	602,615	1,344,506	286,921	8,771,735	14,920	137,557	8,924,212
239	Manufacture of non-metallic mineral products n.e.c.	52,550,043	588,343	1,340,959	1,407,915	2,277,467	58,164,727	889,584	1,205,364	60,259,675
241	Manufacture of basic iron and steel	6,462,945	99,232	304,418	471,623	620,726	7,958,944	2,000	814,875	8,775,819
242	Manufacture of basic precious and other non-ferrous metals	213,825	900	116,496	2,454	27,077	360,752	-	-	360,752
243	Casting of metals	26,600	-	-	8,480	-	35,080	-	15,080	50,160
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	3,855,072	126,787	1,482,273	757,248	484,329	6,705,709	1,000	89,007	6,795,716
259	Manufacture of other fabricated metal products; metalworking service activities	1,965,509	371,932	251,837	127,542	506,829	3,223,649	14,532	175,192	3,413,373
261	Manufacture of electronic components and boards	2,049,086	42,072	11,556	168,170	322,253	2,593,137	-	-	2,593,137
262	Manufacture of computers and peripheral equipment	332,618	-	15,110	55,818	67,752	471,298	-	-	471,298
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	328,648	-	184,667	-	41,712	555,027	-	3,315	558,342
272	Manufacture of batteries and accumulators	970,642	-	25,300	170,876	104,167	1,270,985	-	55,330	1,326,315
273	Manufacture of wiring and wiring devices	1,004,744	-	11,471	33,342	98,894	1,148,451	6,847	12,162	1,167,460
275	Manufacture of domestic appliances	1,706,377	-	228,104	81,686	91,859	2,108,026	-	274,298	2,382,324
279	Manufacture of other electrical equipment	1,339,654	-	330,913	188,744	102,492	1,961,803	10,083	18,469	1,990,355

Table 21 (cont'd): Compensation of Employees and Labour Costs by Industrial Activity, Tanzania Mainland, ASIP-2015

(TZS 000)

ISIC Rev.4	Industrial Activity	Compensation of employees					Training costs	Other Labour Cost	Total Labour Cost	
		Gross wages & Salaries	Overtime	Travel Costs	Payment in Kind	Social Security Schemes				Total
281	Manufacture of general-purpose machinery	8,371	-	-	-	-	8,371	-	502	8,873
282	Manufacture of special-purpose machinery	2,721,674	46,876	115,071	818,910	807,462	4,509,993	11,534	3,829	4,525,356
291	Manufacture of motor vehicles	12,580	-	-	3,600	600	16,780	-	-	16,780
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	876,282	14,000	144,076	174,413	76,435	1,285,206	34,248	1,384	1,320,838
293	Manufacture of parts and accessories for motor vehicles	3,122,848	-	77,410	155,410	15,453	3,371,121	7,787	11,539	3,390,447
301	Building of ships and boats	-	-	12,665	-	13,279	25,944	-	-	25,944
302	Manufacture of railway locomotives and rolling stock	434,546	-	25,118	6,842	21,015	487,521	-	-	487,521
309	Manufacture of transport equipment n.e.c.	1,190,189	4,879	457,569	942,631	119,019	2,714,287	152,246	166,616	3,033,149
310	Manufacture of furniture	15,901,134	227,263	1,382,751	1,036,614	1,155,402	19,703,164	54,350	783,870	20,541,384
321	Manufacture of jewellery, bijouterie and related articles	700,364	-	-	13,138	50,147	763,649	2,323	16,873	782,845
324	Manufacture of games and toys	2,385,400	-	-	-	238,450	2,623,850	-	-	2,623,850
329	Other manufacturing n.e.c.	3,093,589	5,683	170,886	153,561	219,248	3,642,967	18,409	195,896	3,857,272
331	Repair of fabricated metal products, machinery and equipment	12,953,075	23,969	17,289	81,584	108,919	13,184,836	-	132,421	13,317,257
<b>C</b>	<b>Manufacturing</b>	<b>750,981,196</b>	<b>17,085,661</b>	<b>34,967,601</b>	<b>51,061,429</b>	<b>62,984,834</b>	<b>917,080,721</b>	<b>13,116,685</b>	<b>52,365,430</b>	<b>982,562,836</b>
351	Electric power generation, transmission and distribution	55,055,933	2,819,471	3,336,391	3,015,840	22,065,765	86,293,400	363,653	1,760,829	88,417,882
352	Manufacture of gas; distribution of gaseous fuels through mains	33,173	-	38,820	18,929	2,945	93,867	3,157	8,503	105,527
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>55,089,106</b>	<b>2,819,471</b>	<b>3,375,211</b>	<b>3,034,769</b>	<b>22,068,710</b>	<b>86,387,267</b>	<b>366,810</b>	<b>1,769,332</b>	<b>88,523,409</b>
360	Water collection, treatment and supply	28,379,482	1,195,173	33,920,729	4,048,266	4,223,180	71,766,830	1,031,636	1,027,911	73,826,377
382	Waste treatment and disposal	36,700	-	-	-	-	36,700	-	5,400	42,100
383	Materials recovery	134,362	-	74,101	11,645	2,716	222,824	675	417	223,916
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>28,550,544</b>	<b>1,195,173</b>	<b>33,994,830</b>	<b>4,059,911</b>	<b>4,225,896</b>	<b>72,026,354</b>	<b>1,032,311</b>	<b>1,033,728</b>	<b>74,092,393</b>
<b>Total</b>		<b>1,012,994,926</b>	<b>25,951,446</b>	<b>217,625,738</b>	<b>114,468,136</b>	<b>135,254,672</b>	<b>1,506,294,918</b>	<b>29,970,756</b>	<b>57,682,651</b>	<b>1,593,948,325</b>



**Table 22: Intermediate Consumption by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Capital Goods Purchased		Raw Materials		Electricity	Industrial Services	Non Industrial Services	Change in Stock	Total Intermediate Consumption
		Imports	Local	Imports	Local					
5	Mining of coal and lignite					1,058,374	-	638,558	-	1,696,932
7	Mining of metal ores	80,000	496,233	24,879,273	7,737,957	549,327,283	47,567,526	6,184,125	(39,411,924)	675,684,321
8	Other mining and quarrying	3,775,105	6,712,563	5,417,019	63,475,081	53,531,230	36,437,240	57,910,762	7,034,311	220,224,689
9	Mining support service activities	-	40,000	-	1,986,850	15,200	5,300	24,000	7,350	2,064,000
<b>B</b>	<b>Mining and Quarrying</b>	<b>3,855,105</b>	<b>7,248,796</b>	<b>30,296,292</b>	<b>73,199,888</b>	<b>603,932,087</b>	<b>84,010,066</b>	<b>64,757,445</b>	<b>(32,370,263)</b>	<b>899,669,942</b>
10	Manufacture of food products	93,155,186	80,115,736	1,130,289,340	871,925,287	383,723,652	126,525,948	98,040,083	735,432	2,783,039,800
11	Manufacture of beverages	40,831,141	10,546,391	228,399,433	234,363,195	91,907,149	152,128,042	108,656,046	13,107,510	853,723,887
12	Manufacture of tobacco products	1,826,986	5,482,056	1,650,333	132,358,084	17,428,382	27,094,794	30,857,264	21,509,944	195,187,955
13	Manufacture of textiles	27,306,112	1,289,443	215,334,639	187,910,628	40,534,001	15,663,137	27,684,154	41,076,746	474,645,368
14	Manufacture of wearing apparel	446,553	198,764	-	60,281,017	13,611,570	6,871,777	10,863,179	(4,030,609)	96,303,469
15	Manufacture of leather and related products	3,202,618	16,162	7,460,640	20,991,993	3,244,500	1,257,199	841,693	905,076	36,109,729
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	3,565,780	6,410,293	104,523,728	86,006,478	25,253,793	12,927,296	52,824,354	27,082,142	264,429,580
17	Manufacture of paper and paper products	4,271,203	33,529	23,982,240	15,917,075	19,516,726	8,454,062	12,011,935	(111,673)	84,298,443
18	Printing and reproduction of recorded media	8,254,288	631,227	39,764,772	60,630,064	5,536,841	5,646,041	9,066,089	21,026,035	108,503,287
19	Manufacture of coke and refined petroleum products	108,950	3,331,656	33,654,216	9,805,201	514,006	676,606	3,419,573	1,911,174	49,599,034
20	Manufacture of chemicals and chemical products	33,999,283	7,327,349	221,291,273	61,051,479	23,199,482	8,670,697	18,628,907	705,286	373,463,184
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	609,317	88,900	20,937,981	-	1,935,951	6,534,999	5,369,668	(4,631,859)	40,108,675
22	Manufacture of rubber and plastics products	74,316,092	313,204	135,756,082	48,474,083	24,204,650	4,281,535	12,968,870	843,299	299,471,217
23	Manufacture of other non-metallic mineral products	37,783,158	15,008,191	38,335,786	206,466,566	168,215,292	91,495,523	47,555,412	(3,623,829)	608,483,757
24	Manufacture of basic metals	6,757,988	1,190,993	60,628,194	67,136,434	25,494,142	3,276,947	3,684,809	3,986,926	164,182,581

**Table 22 (cont'd): Intermediate Consumption by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Capital Goods Purchased		Raw Materials		Electricity	Industrial Services	Non Industrial Services	Change in Stock	Total Intermediate Consumption
		Imports	Local	Imports	Local					
25	Manufacture of fabricated metal products, except machinery and equipment	7,658,602	4,952,963	21,336,319	63,453,086	9,115,154	3,476,539	4,033,710	1,040,406	112,985,967
26	Manufacture of computer, electronic and optical products	2,270,700	4,128	2,428,980	673,378	398,078	774,903	1,238,951	1,152,969	6,636,149
27	Manufacture of electrical equipment	862,077	80,842	41,996,620	7,509,775	3,203,693	3,713,117	3,561,897	835,750	60,092,271
28	Manufacture of machinery and equipment n.e.c.	38,613	1,441,853	-	8,865,598	14,063,631	1,539,162	626,147	2,526,096	24,048,908
29	Manufacture of motor vehicles, trailers and semi-trailers	100,064	220,730	8,753,338	11,134,054	1,234,144	746,099	1,231,828	12,004,423	11,415,834
30	Manufacture of other transport equipment	663,990	20,391	2,673,261	40,327,419	580,395	1,799,924	6,199,557	419,687	51,845,250
31	Manufacture of furniture	1,737,775	1,660,637	102,925,505	21,552,208	78,161,595	3,390,115	11,388,104	3,406,532	217,409,407
32	Other manufacturing	1,124,951	158,833	40,831,643	17,318,850	3,180,093	1,724,037	4,669,351	(562,306)	69,570,064
33	Repair and installation of machinery and equipment	22,038	201,222	321,600	2,428,261	237,219	83,371	381,506	242,471	3,432,746
<b>C</b>	<b>Manufacturing</b>	<b>350,913,465</b>	<b>140,725,493</b>	<b>2,483,275,923</b>	<b>2,236,580,213</b>	<b>954,494,139</b>	<b>488,751,870</b>	<b>475,803,087</b>	<b>141,557,628</b>	<b>6,988,986,562</b>
35	Electricity, gas, steam and air conditioning supply	36,673	150,622	6,985,930	406,907,919	1,630,195,395	8,102,725	94,696,781	(95,063,743)	2,242,139,788
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>36,673</b>	<b>150,622</b>	<b>6,985,930</b>	<b>406,907,919</b>	<b>1,630,195,395</b>	<b>8,102,725</b>	<b>94,696,781</b>	<b>(95,063,743)</b>	<b>2,242,139,788</b>
36	Water collection, treatment and supply	45,900	4,073,352	527,090	27,929,873	30,472,985	18,421,579	13,604,177	1,029,905	94,045,051
38	Waste collection, treatment and disposal activities; materials recovery	108,803	16,396	339,779	238,203	741,716	5,744	190,545	(2,408)	1,643,594
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>154,703</b>	<b>4,089,748</b>	<b>866,869</b>	<b>28,168,076</b>	<b>31,214,701</b>	<b>18,427,323</b>	<b>13,794,722</b>	<b>1,027,497</b>	<b>95,688,645</b>
	<b>Total</b>	<b>354,959,946</b>	<b>152,214,659</b>	<b>2,521,425,014</b>	<b>2,744,856,096</b>	<b>3,219,836,322</b>	<b>599,291,984</b>	<b>649,052,035</b>	<b>15,151,119</b>	<b>10,226,484,937</b>

**Table 23: Electricity, Water and Fuels Consumed by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Electricity	Fuels for Machines and vehicles	Gas	Other fuels	Water	Wool, Coal and Peat	Total
51	Mining of hard coal	4,767	1,052,545	445	-	617	-	1,058,374
72	Mining of non-ferrous metal ores	69,613,794	479,574,777	-	2,400	108,241	28,071	549,327,283
81	Quarrying of stone, sand and clay	1,039,873	3,774,496	1,268	179,415	234,767	13,150	5,242,969
89	Mining and quarrying n.e.c.	16,352,194	13,806,314	129,726	16,623,414	1,034,808	341,805	48,288,261
99	Support activities for other mining and quarrying	-	15,200	-	-	-	-	15,200
<b>B</b>	<b>Mining and quarrying n.e.c.</b>	<b>87,010,628</b>	<b>498,223,332</b>	<b>131,439</b>	<b>16,805,229</b>	<b>1,378,433</b>	<b>383,026</b>	<b>603,932,087</b>
101	Processing and preserving of meat	535,639	458,603	51,770	35,000	214,805	25,400	1,321,217
102	Processing and preserving of fish, crustaceans and molluscs	6,144,637	3,245,818	30,800	-	1,249,443	-	10,670,698
103	Processing and preserving of fruit and vegetables	12,434,843	15,286,265	474,508	9,120	7,176,216	557,414	35,938,366
104	Manufacture of vegetable and animal oils and fats	28,468,602	118,327,099	72,105,950	353,573	2,906,410	333,643	222,495,277
105	Manufacture of dairy products	714,157	898,697	264,793	11,760	140,958	14,430	2,044,795
106	Manufacture of grain mill products, starches and starch products	20,247,999	31,198,049	223,554	14,912	4,591,035	18,516	56,294,065
107	Manufacture of other food products	27,378,591	21,963,360	859,493	145,853	1,075,897	1,912,892	53,336,086
108	Manufacture of prepared animal feeds	853,727	669,865	14,063	25,000	60,493	-	1,623,148
110	Manufacture of beverages	50,376,538	32,276,918	1,568,351	3,588,425	3,341,722	755,195	91,907,149
120	Manufacture of tobacco products	4,441,865	9,089,077	3,660,175	-	237,265	-	17,428,382
131	Spinning, weaving and finishing of textiles	17,246,092	1,058,217	2,752,314	2,096,898	2,894,812	106,312	26,154,645
139	Manufacture of other textiles	9,629,384	2,556,983	734,492	492,338	659,974	306,185	14,379,356
141	Manufacture of wearing apparel, except fur apparel	12,186,737	81,577	60,424	72	1,282,760	-	13,611,570
142	Manufacture of articles of fur	-	-	-	-	-	-	-
	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	443,682	1,069,398	-	45,912	115,657	-	1,674,649
152	Manufacture of footwear	1,251,159	148,228	98,560	3,205	68,699	-	1,569,851
161	Sawmilling and planing of wood	8,707,645	4,005,913	2,219,737	6,339,663	61,899	674,325	22,009,182
162	Manufacture of products of wood, cork, straw and plaiting materials	2,497,493	646,394	-	-	48,231	52,493	3,244,611
170	Manufacture of paper and paper products	3,531,170	10,484,163	577,159	-	224,336	4,699,898	19,516,726
181	Printing and service activities related to printing	2,612,099	1,696,602	190,546	329,600	553,795	-	5,382,642
182	Reproduction of recorded media	78,654	31,734	-	21,824	21,987	-	154,199
192	Manufacture of refined petroleum products	168,593	329,608	2,700	-	2,305	10,800	514,006
	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	2,541,387	1,575,673	14,351	231,664	11,659	103,900	4,478,634
201	Manufacture of other chemical products	6,405,149	6,667,488	3,988,039	381,417	697,804	580,951	18,720,848
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	1,270,212	595,845	-	-	69,894	-	1,935,951
221	Manufacture of rubber products	106,324	62,240	-	-	3,200	-	171,764
222	Manufacture of plastics products	16,100,350	3,215,172	665,941	730,369	2,742,829	578,225	24,032,886
231	Manufacture of glass and glass products	520,480	1,092,006	16,571,457	-	17,716	43,039	18,244,698
239	Manufacture of non-metallic mineral products n.e.c.	58,111,179	16,150,698	34,432,537	276,141	1,732,872	39,267,167	149,970,594
241	Manufacture of basic iron and steel	17,475,055	5,729,213	1,109,630	16,867	632,343	5,744	24,968,852

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

(TZS 000)

ISIC Rev.4	Industrial Activity	Electricity	Fuels for Machines and vehicles	Gas	Other fuels	Water	Wool, Coal and Peat	Total
242	Manufacture of basic precious and other non-ferrous metals	125,066	332,172	252	-	54,760	300	512,550
243	Casting of metals	10,600	640	-	-	-	1,500	12,740
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	7,296,219	649,543	64,377	-	99,870	240	8,110,249
259	Manufacture of other fabricated metal products; metalworking service activities	573,401	210,269	193,447	940	19,685	7,163	1,004,905
261	Manufacture of electronic components and boards	161,987	102,200	-	-	815	36,000	301,002
262	Manufacture of computers and peripheral equipment	97,076	-	-	-	-	-	97,076
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	98,706	7,431	-	-	-	-	106,137
272	Manufacture of batteries and accumulators	54,786	317,519	6,522	-	-	-	378,827
273	Manufacture of wiring and wiring devices	1,445,297	214,647	-	-	16,505	-	1,676,449
275	Manufacture of domestic appliances	95,734	463,854	32,242	-	58,313	-	650,143
279	Manufacture of other electrical equipment	208,323	112,949	-	62,465	8,400	-	392,137
281	Manufacture of general-purpose machinery	92,000	-	-	-	-	-	92,000
282	Manufacture of special-purpose machinery	13,164,145	609,369	900	8,541	48,676	140,000	13,971,631
291	Manufacture of motor vehicles	2,400	5,520	-	-	300	-	8,220
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	155,110	243,506	155,519	420	75,598	-	630,153
293	Manufacture of parts and accessories for motor vehicles	236,545	307,728	-	-	51,498	-	595,771
301	Building of ships and boats	11,213	-	-	-	-	-	11,213
302	Manufacture of railway locomotives and rolling stock	124,985	27,138	-	9,600	-	-	161,723
309	Manufacture of transport equipment n.e.c.	34,459	373,000	-	-	-	-	407,459
310	Manufacture of furniture	3,941,407	71,691,390	9,516	1,801,430	613,986	103,866	78,161,595
321	Manufacture of jewellery, bijouterie and related articles	50,623	5,079	-	2,480	840	-	59,022
324	Manufacture of games and toys	982,186	380,651	-	-	12,504	-	1,375,341
329	Other manufacturing n.e.c.	950,936	661,468	860	308	125,958	6,200	1,745,730
331	Repair of fabricated metal products, machinery and equipment	131,910	52,676	18,489	-	34,144	-	237,219
<b>C</b>	<b>Manufacturing</b>	<b>342,524,556</b>	<b>367,379,652</b>	<b>143,153,468</b>	<b>17,035,797</b>	<b>34,058,868</b>	<b>50,341,798</b>	<b>954,494,139</b>
351	Electric power generation, transmission and distribution	6,962,963	1,623,110,088	2,539	5,505	12,695	15	1,630,093,805
352	Manufacture of gas; distribution of gaseous fuels through mains	64,109	34,469	-	-	3,012	-	101,590
<b>D</b>	<b>Manufacturing</b>	<b>7,027,072</b>	<b>1,623,144,557</b>	<b>2,539</b>	<b>5,505</b>	<b>15,707</b>	<b>15</b>	<b>1,630,195,395</b>
360	Water collection, treatment and supply	19,388,636	4,132,066	411,952	219,776	6,229,086	91,469	30,472,985
382	Waste treatment and disposal	-	7,205	-	-	3,500	-	10,705
383	Materials recovery	266,082	269,657	-	-	50	195,222	731,011
<b>E</b>	<b>Water supply, sewerage, waste management and remediation activities</b>	<b>19,654,718</b>	<b>4,408,928</b>	<b>411,952</b>	<b>219,776</b>	<b>6,232,636</b>	<b>286,691</b>	<b>31,214,701</b>
<b>Total</b>		<b>456,216,974</b>	<b>2,493,156,469</b>	<b>143,699,398</b>	<b>34,066,307</b>	<b>41,685,644</b>	<b>51,011,530</b>	<b>3,219,836,322</b>

**Table 24: Services Consumed by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Contract and Commission	Repairs and Maintenance	Engineering and Technical Services	Product certification (TBS)	Market studies	Marketing and Publicity	Waste treatment	Water treatment	Other	Total
51	Mining of hard coal	-	-	-	-	-	-	-	-	-	-
72	Mining of non-ferrous metal ores	15,119	10,927,113	3,000	-	-	2,000	4,240	8,056,227	28,559,827	47,567,526
81	Quarrying of stone, sand and clay	348,539	3,537,175	307,461	-	250	250	30,000	5,124	210,951	4,439,750
89	Mining and quarrying n.e.c.	25,844,825	4,805,393	9,550	150	3,000	23,216	142,233	284,408	884,715	31,997,490
99	Support activities for other mining and quarrying	-	5,000	-	-	-	-	300	-	-	5,300
<b>B</b>	<b>Mining and quarrying</b>	<b>26,208,483</b>	<b>19,274,681</b>	<b>320,011</b>	<b>150</b>	<b>3,250</b>	<b>25,466</b>	<b>176,773</b>	<b>8,345,759</b>	<b>29,655,493</b>	<b>84,010,066</b>
101	Processing and preserving of meat	7,200	534,810	-	9,445	17,800	161,310	2,941	4,831	1,787,710	2,526,047
102	Processing and preserving of fish, crustaceans and molluscs	2,244,587	2,481,026	60,000	22,220	-	43,865	35,031	98,553	4,157,153	9,142,435
103	Processing and preserving of fruit and vegetables	300,540	6,344,054	56,740	129,739	-	996,716	3,981	39,239	40,247	7,911,256
104	Manufacture of vegetable and animal oils and fats	69,961	4,562,407	22,143	4,879,606	17,011	3,624,066	107,740	1,177,865	38,983,092	53,443,891
105	Manufacture of dairy products	2,984	732,843	77,708	8,915	2,883	25,046	47,200	4,577	59,357	961,513
106	Manufacture of grain mill products, starches and starch products	383,611	8,034,966	36,227	56,129	16,695	4,192,451	270,330	50,440	306,811	13,347,660
107	Manufacture of other food products	2,208,820	25,462,305	588,360	510,641	133,867	5,340,817	125,642	2,596,374	1,074,126	38,040,952
108	Manufacture of prepared animal feeds	800	726,463	102,420	54,000	12,000	189,441	360	20,000	46,710	1,152,194
110	Manufacture of beverages	157,617	48,455,261	6,810,036	232,708	145,956	48,317,742	24,951,951	10,059,720	12,997,051	152,128,042
120	Manufacture of tobacco products	177,316	13,770,134	-	-	12,921,535	-	225,809	-	-	27,094,794
131	Spinning, weaving and finishing of textiles	-	2,490,697	-	300	-	95,803	4,376	2,500	24,124	2,617,800
139	Manufacture of other textiles	1,149,209	9,667,981	351,813	15,416	2,000	231,060	2,519	156,296	1,469,043	13,045,337
141	Manufacture of wearing apparel, except fur apparel	20,001	6,683,745	-	50	1,386	149,710	15,785	100	-	6,870,777
142	Manufacture of articles of fur	-	-	-	-	800	200	-	-	-	1,000
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	176,361	640,007	50,777	3,558	80	149,948	34,397	7,149	11,100	1,073,377
152	Manufacture of footwear	1,459	154,491	72	2,167	100	15,720	1,095	121	8,597	183,822
161	Sawmilling and planing of wood	60,550	6,641,401	15,300	8,350	22,950	90,551	33,707	2,104	26,772	6,901,685

**Table 24 (cont'd): Services Consumed by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Contract and Commission	Repairs and Maintenance	Engineering and Technical services	Product certification (TBS)	Market studies	Marketing and publicity	Waste treatment	Water treatment	Other	Total
162	Manufacture of products of wood, cork, straw and plaiting materials	125,320	4,915,603	92,482	3,189	2,700	113,488	7,300	8,845	756,684	6,025,611
170	Manufacture of paper and paper products	216	7,909,815	-	1,438	-	18,271	3,700	-	520,622	8,454,062
181	Printing and service activities related to printing	777,140	1,863,366	1,199	-	28	2,209,951	32,390	86,431	631,722	5,602,227
182	Reproduction of recorded media	-	20,562	-	-	-	20,336	1,506	-	1,410	43,814
192	Manufacture of refined petroleum products	12,600	511,275	1,412	-	-	42,784	-	1,200	107,335	676,606
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	83,050	986,746	63,369	4,050	-	7,483	9,288	-	853,418	2,007,404
202	Manufacture of other chemical products	393,408	3,703,002	318,927	91,642	27,762	1,572,347	110,485	22,500	423,220	6,663,293
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	-	1,382,385	60,416	23,310	-	4,933,688	9,552	14,478	111,170	6,534,999
221	Manufacture of rubber products	-	13,148	-	-	-	-	-	1,920	-	15,068
222	Manufacture of plastics products	266,745	2,284,735	29,050	43,921	11,195	868,483	90,057	72,871	599,410	4,266,467
231	Manufacture of glass and glass products	2,732	621,679	6,479,222	6,783	-	28,139	3,739	1,300	-	7,143,594
239	Manufacture of non-metallic mineral products n.e.c.	5,335,838	60,429,892	6,041,540	29,163	1,329,558	4,035,198	78,580	40,247	7,031,913	84,351,929
241	Manufacture of basic iron and steel	10,510	1,541,814	12,543	10,638	100	159,525	25,214	18,192	1,119,810	2,898,346
242	Manufacture of basic precious and other non-ferrous metals	-	373,916	-	-	-	1,965	120	300	-	376,301
243	Casting of metals	-	2,200	-	-	100	-	-	-	-	2,300
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	14,510	1,028,011	11,997	5,530	320	443,227	4,271	922	132,159	1,640,947
259	Manufacture of other fabricated metal products; metalworking service activities	15,912	891,651	259,683	2,022	140	7,171	1,940	26,770	630,303	1,835,592
261	Manufacture of electronic components and boards	-	657,156	-	3,325	-	98,011	10,500	-	-	768,992
262	Manufacture of computers and peripheral equipment	-	3,606	2,305	-	-	-	-	-	-	5,911
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	-	24,827	-	-	-	93,147	-	-	-	117,974
272	Manufacture of batteries and accumulators	-	61,721	-	1,300	283,857	2,466	-	3,913	-	353,257
273	Manufacture of wiring and wiring devices	-	790,486	-	240	-	260,567	2,044	1,500	14,392	1,069,229

Table 24 (cont'd): Services Consumed by Industrial Activity, Tanzania Mainland, ASIP-2015

(TZS 000)

ISIC Rev.4	Industrial Activity	Contract and Commission	Repairs and Maintenance	Engineering and technical services	Product certification (TBS)	Market studies	Marketing and publicity	Waste treatment	Water treatment	Other	Total
275	Manufacture of domestic appliances	-	651,908	-	-	2,000	10,999	240	-	1,310,767	1,975,914
279	Manufacture of other electrical equipment	-	73,755	-	-	-	66,201	-	-	56,787	196,743
281	Manufacture of general-purpose machinery	-	2,411	-	-	-	3,110	-	-	-	5,521
282	Manufacture of special-purpose machinery	16,300	53,946	1,221,187	-	7,000	174,259	600	930	59,419	1,533,641
291	Manufacture of motor vehicles	-	2,130	-	-	-	-	710	-	-	2,840
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	60,123	99,793	70,128	10,730	7,183	74,161	130,160	-	90,304	542,582
293	Manufacture of parts and accessories for motor vehicles	-	188,921	-	-	430	10,586	240	-	500	200,677
301	Building of ships and boats	-	-	-	-	-	-	-	-	-	-
302	Manufacture of railway locomotives and rolling stock	-	132,813	-	-	-	37,859	-	20	1,112,425	1,283,117
309	Manufacture of transport equipment n.e.c.	-	80,000	-	-	304,435	132,372	-	-	-	516,807
310	Manufacture of furniture	160,847	1,901,787	12,054	11,198	41,116	1,166,964	44,931	7,760	43,458	3,390,115
321	Manufacture of jewellery, bijouterie and related articles	-	23,474	10	-	-	2,070	4,555	1,569	2,768	34,446
324	Manufacture of games and toys	-	3,077	1,665	-	-	-	2,400	-	4,203	11,345
329	Other manufacturing n.e.c.	82,465	944,184	-	2,500	-	9,404	14,031	2,200	623,462	1,678,246
331	Repair of fabricated metal products, machinery and equipment	-	38,442	-	2,900	2,000	27,788	100	1,142	10,999	83,371
<b>C</b>	<b>Manufacturing</b>	<b>14,318,732</b>	<b>231,596,828</b>	<b>22,850,785</b>	<b>6,187,123</b>	<b>15,314,987</b>	<b>80,256,466</b>	<b>26,451,517</b>	<b>14,534,879</b>	<b>77,240,553</b>	<b>488,751,870</b>
351	Electric power generation, transmission and distribution	-	1,823,176	544,336	-	-	1,776,143	61,742	9,225	3,861,600	8,076,222
352	Manufacture of gas; distribution of gaseous fuels through mains	-	-	-	-	-	26,503	-	-	-	26,503
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>-</b>	<b>1,823,176</b>	<b>544,336</b>	<b>-</b>	<b>-</b>	<b>1,802,646</b>	<b>61,742</b>	<b>9,225</b>	<b>3,861,600</b>	<b>8,102,725</b>
360	Water collection, treatment and supply	4,064,873	8,795,345	85,572	4,712	2,212	1,240,974	251,667	1,086,722	2,889,502	18,421,579
382	Waste treatment and disposal	-	1,000	-	-	-	-	50	-	-	1,050
383	Materials recovery	-	4,278	-	-	-	-	-	416	-	4,694
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>4,064,873</b>	<b>8,800,623</b>	<b>85,572</b>	<b>4,712</b>	<b>2,212</b>	<b>1,240,974</b>	<b>251,717</b>	<b>1,087,138</b>	<b>2,889,502</b>	<b>18,427,323</b>
<b>Total</b>		<b>44,592,088</b>	<b>261,495,308</b>	<b>23,800,704</b>	<b>6,191,985</b>	<b>15,320,449</b>	<b>83,325,552</b>	<b>26,941,749</b>	<b>23,977,001</b>	<b>113,647,148</b>	<b>599,291,984</b>

**Table 25: Raw Materials Purchased by Product Category and Origin, Tanzania Mainland, ASIP-2015**

(TZS 000)

CPC Version 21	Product Category	Raw Materials Purchased		
		Imported	Local	Total
1	Products of agriculture, horticulture and market gardening	692,344,398	782,027,615	1,474,372,013
2	Live animals and animal products	113,909	39,788,749	39,902,658
3	Forestry and logging products	14,844,474	20,494,477	35,338,951
4	Fish and other fishing products	124,827	26,831,719	26,956,546
11	Coal and lignite; peat	839,058	8,443,675	9,282,733
12	Crude petroleum and natural gas	197,963,807	19,255,731	217,219,538
13	Uranium and thorium ores	71,780	-	71,780
14	Metal ores	34,585,719	16,788,176	51,373,895
15	Stone, sand and clay	2,373,957	106,874,346	109,248,303
16	Other minerals	3,467,594	5,739,834	9,207,428
17	Electricity, town gas, steam and hot water	615,280	36,927,788	37,543,068
18	Water	294,817	7,487,787	7,782,604
21	Meat, fish, fruit, vegetables, oils and fats	10,692,459	48,628,429	59,320,888
22	Dairy products	-	1,591,584	1,591,584
23	Grain mill products, starches and starch products; other food products	47,490,854	229,976,653	277,467,507
24	Beverages	50,157,999	10,791,662	60,949,661
26	Yarn and thread; woven and tufted textile fabrics	51,676,735	52,202,105	103,878,840
27	Textile articles other than apparel	5,977,916	38,894,068	44,871,984
28	Knitted or crocheted fabrics; wearing apparel	41,603,508	5,754,006	47,357,514
29	Leather and leather products; footwear	6,064,069	10,416,281	16,480,350
31	Products of wood, cork, straw and plaiting materials	13,615,531	102,985,521	116,601,052
32	Pulp, paper and paper products; printed matter and related articles	42,896,401	44,561,765	87,458,166
33	Coke oven products; refined petroleum products; nuclear fuel	22,493,828	5,669,278	28,163,106
34	Basic chemicals	146,257,873	92,803,329	239,061,202
35	Other chemical products; man-made fibres	160,386,106	145,569,304	305,955,410
36	Rubber and plastics products	232,318,771	33,942,544	266,261,315
37	Glass and glass products and other non-metallic products n.e.c.	45,247,177	99,947,641	145,194,818
38	Furniture; other transportable goods n.e.c.	21,651,476	26,115,474	47,766,950
39	Wastes or scraps	13,533,796	65,523,072	79,056,868
41	Basic metals	177,787,482	62,484,552	240,272,034
42	Fabricated metal products, except machinery and equipment	218,429,084	104,797,530	323,226,614
43	General-purpose machinery	26,142,220	395,841,253	421,983,473
44	Special-purpose machinery	139,751,935	40,874,157	180,626,092
45	Office, accounting and computing machinery	1,895,625	21,651,814	23,547,439
46	Electrical machinery and apparatus	5,059,321	1,412,001	6,471,322
47	Radio, television and communication equipment and apparatus	75,430	209,624	285,054
48	Medical appliances, precision and optical instruments, watches and clocks	41,816,081	2,951,925	44,768,006
49	Transport equipment	7,001,517	4,309,515	11,311,032
99	Services provided by extraterritorial organizations and bodies	43,762,200	24,291,112	68,053,312
<b>Total</b>		<b>2,521,425,014</b>	<b>2,744,856,096</b>	<b>5,266,281,110</b>



**Table 26: Component of Gross Output by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Income from					
		Exports Sold	Locally Sold	Subsidies	Industrial Services	Non industrial Services	Own Production
5	Mining of coal and lignite	-	1,833,650	-	-	256,020	-
7	Mining of metal ores	2,652,159,505	33,458,775	-	55,850	65,000	254,821,048
8	Other mining and quarrying	78,146,017	652,373,551	-	1,663,736	28,594,494	119,175
9	Mining support service activities	-	6,230,000	-	-	-	-
	<b>Mining and Quarrying</b>	<b>2,730,305,522</b>	<b>693,895,976</b>	-	<b>1,719,586</b>	<b>28,915,514</b>	<b>254,940,223</b>
10	Manufacture of food products	935,698,861	2,894,609,535	716,055	31,456,131	575,928,811	7,557,664
11	Manufacture of beverages	8,068,178	1,876,119,086	-	176,304	148,832,543	12,725,587
12	Manufacture of tobacco products	438,128,307	409,160,116	2,896	-	3,473,357	480,482
13	Manufacture of textiles	202,154,109	525,965,424	-	91,020	16,864,891	491,099
14	Manufacture of wearing apparel	12,687,719	397,036,343	2,000	72,561	3,066	30
15	Manufacture of leather and related products	13,557,853	33,000,326	-	20,000	11,345,828	-
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	97,857,971	489,368,650	-	174,659	7,774,496	5,916,275
17	Manufacture of paper and paper products	34,556,000	75,962,939	-	53,947	748,676	8,785
18	Printing and reproduction of recorded media	2,169,372	236,928,927	30,000	2,006,809	3,951,037	20,000
19	Manufacture of coke and refined petroleum products	15,075,518	41,822,649	-	-	733,190	-
20	Manufacture of chemicals and chemical products	77,909,182	553,713,340	-	8,400	44,314,439	257,579
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	92,703	67,457,390	-	1,291	18,964,832	-
22	Manufacture of rubber and plastics products	75,886,682	467,467,329	-	2,759,608	41,665,671	25,163
23	Manufacture of other non-metallic mineral products	97,307,989	987,232,173	-	5,332,365	61,859,845	47,232
24	Manufacture of basic metals	16,392,142	224,449,659	-	840,415	13,730,277	386,368
25	Manufacture of fabricated metal products, except machinery and equipment	1,565,607	248,413,193	3,000	6,876,702	43,182,754	1,480
26	Manufacture of computer, electronic and optical products	3,719,777	6,161,876	-	1,536,376	129,710	122,778
27	Manufacture of electrical equipment	641,164	82,264,520	-	11,686,228	562,806	169,375
28	Manufacture of machinery and equipment n.e.c.	123,010	21,121,147	-	7,981,843	2,033,893	-
29	Manufacture of motor vehicles, trailers and semi-trailers	-	32,193,495	-	4,133,879	9,551,112	-
30	Manufacture of other transport equipment	1,388,985	67,748,124	-	-	1,235,496	-
31	Manufacture of furniture	4,068,122	416,261,745	-	2,422,483	18,731,978	52,668
32	Other manufacturing	44,063,036	44,432,203	-	-	11,748,365	57,330
33	Repair and installation of machinery and equipment	-	24,286,849	-	666,531	215,613	-
C	<b>Manufacturing</b>	<b>2,083,112,287</b>	<b>10,223,177,038</b>	<b>753,951</b>	<b>78,297,552</b>	<b>1,037,582,686</b>	<b>28,319,895</b>
35	Electricity, gas, steam and air conditioning supply	4,211,062	3,190,877,484	-	140,796,367	415,697,704	-
D	<b>Electricity, gas, steam and air conditioning supply</b>	<b>4,211,062</b>	<b>3,190,877,484</b>	-	<b>140,796,367</b>	<b>415,697,704</b>	-
36	Water collection, treatment and supply	55,279	232,400,892	2,590,772	4,233,624	10,915,022	17,433,428
38	Waste collection, treatment and disposal activities; materials recovery	995,373	1,758,105	-	-	7,600	-
E	<b>Water collection, treatment and supply</b>	<b>1,050,652</b>	<b>234,158,997</b>	<b>2,590,772</b>	<b>4,233,624</b>	<b>10,922,622</b>	<b>17,433,428</b>
	<b>Total</b>	<b>4,818,679,523</b>	<b>14,342,109,495</b>	<b>3,344,723</b>	<b>225,047,129</b>	<b>1,493,118,526</b>	<b>300,693,546</b>

**Table 26 (cont'd): Component of Gross Output by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Cost of goods sold as purchased	Change in stock-Work in progress	Change in stock-Finished products	Change in stock-Goods purchased for resale	Gross Output
5	Mining of coal and lignite	-	-	-	-	2,089,670
7	Mining of metal ores	50,000	(43,038,853)	9,478,614	5,800	2,906,955,739
8	Other mining and quarrying	1,858,516	9,432,175	444,945	3,360,696	772,276,273
9	Mining support service activities	-	50,000	-	-	6,280,000
	<b>Mining and Quarrying</b>	<b>1,908,516</b>	<b>(33,556,678)</b>	<b>9,923,559</b>	<b>3,366,496</b>	<b>3,687,601,682</b>
10	Manufacture of food products	467,552,348	1,227,334	49,762,296	(10,827,446)	4,018,576,893
11	Manufacture of beverages	137,357,598	2,024,129	31,758,058	714,724	1,943,061,011
12	Manufacture of tobacco products	219,783,694	6,890	18,409,387	-	649,877,741
13	Manufacture of textiles	11,379,130	8,468,091	24,898,751	-	767,554,255
14	Manufacture of wearing apparel	5,690,617	(622,386)	8,172,681	-	411,661,397
15	Manufacture of leather and related products	8,615,996	(14,965)	3,872,918	421,264	53,587,228
	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	12,703,354	2,151,722	14,287,588	(5,685)	604,822,322
17	Manufacture of paper and paper products	215,513	202,446	(2,647,624)	(2,755,233)	105,914,423
18	Printing and reproduction of recorded media	5,786,131	457,327	(12,120)	(9,994)	239,755,227
19	Manufacture of coke and refined petroleum products	768,392	-	32	-	56,862,997
20	Manufacture of chemicals and chemical products	45,816,478	1,205,428	3,965,533	(111,858)	635,445,565
	Manufacture of basic pharmaceutical products and pharmaceutical preparations	14,294,914	29,310	2,382,790	-	74,633,402
22	Manufacture of rubber and plastics products	47,708,150	1,242,269	5,553,107	(8,292,351)	538,599,328
23	Manufacture of other non-metallic mineral products	30,515,743	2,196,635	2,050,727	5,354,310	1,130,865,533
24	Manufacture of basic metals	6,654,671	607,901	1,928,907	249,225	251,930,223
	Manufacture of fabricated metal products, except machinery and equipment	12,570,332	49,012	6,712,744	2,045,113	296,279,273
26	Manufacture of computer, electronic and optical products	-	354,573	516,296	-	12,541,386
27	Manufacture of electrical equipment	11,400	(547,528)	1,048,952	-	95,814,117
28	Manufacture of machinery and equipment n.e.c.	69,103	256,166	32,954	-	31,479,910
29	Manufacture of motor vehicles, trailers and semi-trailers	10,210,839	(3,880)	617,629	-	36,281,396
30	Manufacture of other transport equipment	-	81,231	106,530	-	70,560,366
31	Manufacture of furniture	20,522,017	(946,824)	3,402,084	741,186	424,211,425
32	Other manufacturing	10,593,474	(1,062,753)	599,153	344,031	89,587,891
33	Repair and installation of machinery and equipment	401,806	-	2,600	(176,339)	24,593,448
C	<b>Manufacturing</b>	<b>1,069,221,700</b>	<b>17,362,128</b>	<b>177,421,973</b>	<b>(12,309,053)</b>	<b>12,564,496,757</b>
35	Electricity, gas, steam and air conditioning supply	379,340,029	1,000,494	14,720	(1,386,077)	3,371,871,725
D	<b>Electricity, gas, steam and air conditioning supply</b>	<b>379,340,029</b>	<b>1,000,494</b>	<b>14,720</b>	<b>(1,386,077)</b>	<b>3,371,871,725</b>
36	Water collection, treatment and supply	1,119,993	77,302	630,660	72,836	267,289,822
	Waste collection, treatment and disposal activities; materials recovery	7,000	-	45,624	-	2,799,702
E	<b>Water collection, treatment and supply</b>	<b>1,126,993</b>	<b>77,302</b>	<b>676,284</b>	<b>72,836</b>	<b>270,089,524</b>
	<b>Total</b>	<b>1,451,597,238</b>	<b>(15,116,754)</b>	<b>188,036,536</b>	<b>(10,255,798)</b>	<b>19,894,059,688</b>

**Table 27: Production Account by Industrial Activity, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Number	(TZS "000")					Gross Operating Surplus
		Total Person Engaged	Gross Output	Intermediate Consumption	Value Added	Taxation	Compensation of employees	
5	Mining of coal and lignite	77	2,089,670	1,696,932	392,738	10	374,147	18,581
7	Mining of metal ores	9,527	2,906,955,739	675,684,321	2,231,271,418	16,106,761	297,016,046	1,918,148,611
8	Other mining and quarrying	22,118	772,276,273	220,224,689	552,051,584	12,354,186	133,358,651	406,338,747
9	Mining support service activities	21	6,280,000	2,064,000	4,216,000	-	51,732	4,164,268
<b>B</b>	<b>Mining and Quarrying</b>	<b>31,743</b>	<b>3,687,601,682</b>	<b>899,669,942</b>	<b>2,787,931,740</b>	<b>28,460,957</b>	<b>430,800,576</b>	<b>2,328,670,207</b>
10	Manufacture of food products	63,579	4,018,576,893	2,783,039,800	1,235,537,093	57,478,569	200,008,151	978,050,373
11	Manufacture of beverages	13,354	1,943,061,011	853,723,887	1,089,337,124	29,507,987	143,804,636	916,024,501
12	Manufacture of tobacco products	5,863	649,877,741	195,187,955	454,689,786	1,309,145	54,588,049	398,792,592
13	Manufacture of textiles	12,406	767,554,255	474,645,368	292,908,887	10,907,857	41,837,843	240,163,187
14	Manufacture of wearing apparel	2,749	411,661,397	96,303,469	315,357,928	3,727,256	97,535,025	214,095,647
15	Manufacture of leather and related products	1,637	53,587,228	36,109,729	17,477,499	684,030	4,412,558	12,380,911
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	5,379	604,822,322	264,429,580	340,392,742	26,428,696	45,797,017	268,167,029
17	Manufacture of paper and paper products	2,664	105,914,423	84,298,443	21,615,980	50,416	11,397,092	10,168,472
18	Printing and reproduction of recorded media	3,212	239,755,227	108,503,287	131,251,940	2,025,719	106,662,868	22,563,353
19	Manufacture of coke and refined petroleum products	293	56,862,997	49,599,034	7,263,963	10,279	1,493,998	5,759,686
20	Manufacture of chemicals and chemical products	7,584	635,445,565	373,463,184	261,982,381	3,002,841	32,526,255	226,453,285
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	987	74,633,402	40,108,675	34,524,727	122,782	7,449,579	26,952,366
22	Manufacture of rubber and plastics products	5,241	538,599,328	299,471,217	239,128,111	2,246,577	21,900,638	214,980,896
23	Manufacture of other non-metallic mineral products	10,152	1,130,865,533	608,483,757	522,381,776	27,595,394	66,936,462	427,849,920
24	Manufacture of basic metals	3,519	251,930,223	164,182,581	87,747,642	461,533	8,354,776	78,931,333
25	Manufacture of fabricated metal products, except machinery and equipment	2,211	296,279,273	112,985,967	183,293,306	1,299,395	9,929,358	172,064,553
26	Manufacture of computer, electronic and optical products	157	12,541,386	6,636,149	5,905,237	-	3,064,435	2,840,802
27	Manufacture of electrical equipment	1,444	95,814,117	60,092,271	35,721,846	1,486,415	7,044,292	27,191,139
28	Manufacture of machinery and equipment n.e.c.	520	31,479,910	24,048,908	7,431,002	7,581	4,518,364	2,905,057
29	Manufacture of motor vehicles, trailers and semi-trailers	930	36,281,396	11,415,834	24,865,562	67,108	4,673,107	20,125,347
30	Manufacture of other transport equipment	958	70,560,366	51,845,250	18,715,116	2,000	3,227,752	15,485,364
31	Manufacture of furniture	7,079	424,211,425	217,409,407	206,802,018	1,609,120	19,703,164	185,489,734
32	Other manufacturing	4,265	89,587,891	69,570,064	20,017,827	198,116	7,030,466	12,789,245
33	Repair and installation of machinery and equipment	396	24,593,448	3,432,746	21,160,702	4,810	13,184,836	7,971,056
<b>C</b>	<b>Manufacturing</b>	<b>156,579</b>	<b>12,564,496,757</b>	<b>6,988,986,562</b>	<b>5,575,510,195</b>	<b>170,233,626</b>	<b>917,080,721</b>	<b>4,488,195,848</b>
35	Electricity, gas, steam and air conditioning supply	3,985	3,371,871,725	2,242,139,788	1,129,731,937	56,070,941	86,387,267	987,273,729
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>3,985</b>	<b>3,371,871,725</b>	<b>2,242,139,788</b>	<b>1,129,731,937</b>	<b>56,070,941</b>	<b>86,387,267</b>	<b>987,273,729</b>
36	Water collection, treatment and supply	8,912	267,289,822	94,045,051	173,244,771	91,846	71,766,830	101,386,095
38	Waste collection, treatment and disposal activities; materials recovery	133	2,799,702	1,643,594	1,156,108	40,018	259,524	856,566
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>9,045</b>	<b>270,089,524</b>	<b>95,688,645</b>	<b>174,400,879</b>	<b>131,864</b>	<b>72,026,354</b>	<b>102,242,661</b>
<b>Total</b>		<b>201,352</b>	<b>19,894,059,688</b>	<b>10,226,484,937</b>	<b>9,667,574,751</b>	<b>254,897,388</b>	<b>1,506,294,918</b>	<b>7,906,382,445</b>

**Table 28: Sales of Products by Category and Destination, Tanzania Mainland, ASIP-2015**

		Sales		Total
CPC Version 2.1	Description	Exports	Local	
1	Products of agriculture, horticulture and market gardening	155,456,356	1,144,397,324	1,299,853,680
2	Live animals and animal products	8,789,588	13,386,797	22,176,385
3	Forestry and logging products	16,494,742	42,790,798	59,285,540
4	Fish and other fishing products	21,133,759	125,061,578	146,195,337
11	Coal and lignite; peat	405,334	1,994,773	2,400,107
12	Crude petroleum and natural gas	15,075,518	44,033,105	59,108,623
14	Metal ores	1,399,609	8,124,142	9,523,751
15	Stone, sand and clay	2,591,968	94,328,602	96,920,570
16	Other minerals	70,997,194	115,496,067	186,493,261
17	Electricity, town gas, steam and hot water	-	3,025,993,454	3,025,993,454
18	Water	-	176,112,660	176,112,660
21	Meat, fish, fruit, vegetables, oils and fats	456,974,169	666,858,590	1,123,832,759
22	Dairy products	7,962,124	109,383,420	117,345,544
23	Grain mill products, starches and starch products; other food products	156,529,673	789,659,856	946,189,529
24	Beverages	10,759,718	2,152,797,494	2,163,557,212
25	Tobacco products	367,172,307	7,073,252	374,245,559
26	Yarn and thread; woven and tufted textile fabrics	57,776,841	265,920,524	323,697,365
27	Textile articles other than apparel	49,116,178	275,667,543	324,783,721
28	Knitted or crocheted fabrics; wearing apparel	104,426,295	157,234,893	261,661,188
29	Leather and leather products; footwear	20,432,232	43,508,081	63,940,313
31	Products of wood, cork, straw and plaiting materials	23,854,535	217,773,094	241,627,629
32	Pulp, paper and paper products; printed matter and related articles	38,768,704	209,706,133	248,474,837
33	Coke oven products; refined petroleum products; nuclear fuel	9,717,907	19,671,146	29,389,053
34	Basic chemicals	4,829,512	72,048,913	76,878,425
35	Other chemical products; man-made fibres	56,434,385	400,042,833	456,477,218
36	Rubber and plastics products	59,027,526	156,383,420	215,410,946
37	Glass and glass products and other non-metallic products n.e.c.	97,001,835	1,031,069,300	1,128,071,135
38	Furniture; other transportable goods n.e.c.	9,698,956	217,427,657	227,126,613
39	Wastes or scraps	122,154,976	68,099,156	190,254,132
41	Basic metals	2,816,875,697	991,279,444	3,808,155,141
42	Fabricated metal products, except machinery and equipment	8,861,708	426,554,301	435,416,009
43	General-purpose machinery	56,306	49,110,934	49,167,240
44	Special-purpose machinery	35,968,278	799,464,823	835,433,101
45	Office, accounting and computing machinery	-	87,944,571	87,944,571
46	Electrical machinery and apparatus	3,622,663	47,753,246	51,375,909
47	Radio, television and communication equipment and apparatus	-	537,286	537,286
48	Medical appliances, precision and optical instruments, watches and clocks	-	173,927,357	173,927,357
49	Transport equipment	7,554,763	107,725,185	115,279,948
99	Services provided by extraterritorial organizations and bodies	758,167	5,767,743	6,525,910
<b>Total</b>		<b>4,818,679,523</b>	<b>14,342,109,495</b>	<b>19,160,789,018</b>

**Table 29: Value of Inventories/Stocks by Industrial Activity, Tanzania Mainland, ASIP-2015**

							(TZS 000)
ISIC Rev.4	Industrial Activity	Materials and supplies	Fuel	Work in progress	Finished products	Goods purchased for resale	Total
51	Mining of hard coal	-	-	-	-	-	-
72	Mining of non-ferrous metal ores	(39,411,924)	3,088,300	(43,038,853)	9,478,614	5,800	(69,878,063)
81	Quarrying of stone, sand and clay	8,813,655	966,607	824,115	8,489,523	119,593	19,213,493
89	Mining and quarrying n.e.c.	(1,779,344)	105,227	8,608,060	(8,044,578)	3,241,103	2,130,468
99	Support activities for other mining and quarrying	7,350	60,100	50,000	-	-	117,450
<b>B</b>	<b>Mining and Quarrying</b>	<b>(32,370,263)</b>	<b>4,220,234</b>	<b>(33,556,678)</b>	<b>9,923,559</b>	<b>3,366,496</b>	<b>(48,416,652)</b>
101	Processing and preserving of meat	(138,777)	25,548	(1,040)	87,123	6,270	(20,876)
102	Processing and preserving of fish, crustaceans and molluscs	313,184	3,144	(4,826)	408,184	2,871,870	3,591,556
103	Processing and preserving of fruit and vegetables	9,978,895	1,427,499	1,802,078	2,284,495	-	15,492,967
104	Manufacture of vegetable and animal oils and fats	(14,688,481)	6,066	1,499,527	10,552,292	(8,384,270)	(11,014,866)
105	Manufacture of dairy products	550,334	(3,435)	10,761	97,018	1,160,869	1,815,547
106	Manufacture of grain mill products, starches and starch products	10,145,736	287,639	901,092	20,276,297	(885,462)	30,725,302
107	Manufacture of other food products	(8,146,770)	2,534,013	(2,974,693)	14,999,038	(5,598,057)	813,531
108	Manufacture of prepared animal feeds	2,721,311	15,015	(5,565)	1,057,849	1,334	3,789,944
110	Manufacture of beverages	13,107,510	3,014,738	2,024,129	31,758,058	714,724	50,619,159
120	Manufacture of tobacco products	21,509,944	(79,354)	6,890	18,409,387	-	39,846,867
131	Spinning, weaving and finishing of textiles	23,501,761	4,455,800	8,526,016	10,687,697	-	47,171,274
139	Manufacture of other textiles	17,574,985	(189,912)	(57,925)	14,211,054	-	31,538,202
141	Manufacture of wearing apparel, except fur apparel	(4,016,309)	196	(622,286)	8,176,181	-	3,537,782
142	Manufacture of articles of fur	(14,300)	-	(100)	(3,500)	-	(17,900)
	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	656,271	27,225	268,960	4,353,674	634,089	5,940,219
152	Manufacture of footwear	248,805	2,000	(283,925)	(480,756)	(212,825)	(726,701)
161	Sawmilling and planing of wood	4,217,942	2,520	575,584	(2,966,937)	(5,835)	1,823,274
162	Manufacture of products of wood, cork, straw and plaiting materials	22,864,200	-	1,576,138	17,254,525	150	41,695,013
170	Manufacture of paper and paper products	(111,673)	789,000	202,446	(2,647,624)	(2,755,233)	(4,523,084)
181	Printing and service activities related to printing	20,162,774	(1,675)	423,667	18,828	(9,994)	20,593,600
182	Reproduction of recorded media	863,261	-	33,660	(30,948)	-	865,973
192	Manufacture of refined petroleum products	1,911,174	-	-	32	-	1,911,206
	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	1,041,473	101,684	1,203,661	16,448	-	2,363,266
202	Manufacture of other chemical products	(336,187)	11,877	1,767	3,949,085	(111,858)	3,514,684
	Manufacture of pharmaceuticals, medicinal chemical and botanical products	(4,631,859)	-	29,310	2,382,790	-	(2,219,759)
221	Manufacture of rubber products	113,494	-	-	14,917	-	128,411
222	Manufacture of plastics products	729,805	10	1,242,269	5,538,190	(8,292,351)	(782,077)
231	Manufacture of glass and glass products	30,881	-	16,020	2,000	27,474	76,375
239	Manufacture of non-metallic mineral products n.e.c.	(3,654,710)	(5,980,756)	2,180,615	2,048,727	5,326,836	(79,288)

**Table 29 (cont'd): Value of Inventories/Stocks by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Materials and supplies	Fuel	Work in progress	Finished products	Goods purchased for resale	Total
241	Manufacture of basic iron and steel	4,115,244	439	967,700	1,514,589	249,225	6,847,197
242	Manufacture of basic precious and other non-ferrous metals	(133,338)	-	(359,795)	407,822	-	(85,311)
243	Casting of metals	5,020	-	(4)	6,496	-	11,512
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	1,663,986	67,795	129,013	6,179,095	2,040,013	10,079,902
259	Manufacture of other fabricated metal products; metalworking service activities	(623,580)	(1,800)	(80,001)	533,649	5,100	(166,632)
261	Manufacture of electronic components and boards	1,063,869	-	354,573	539,942	-	1,958,384
262	Manufacture of computers and peripheral equipment	89,100	-	-	(23,646)	-	65,454
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	344,420	-	-	(650,054)	-	(305,634)
272	Manufacture of batteries and accumulators	(226,522)	-	-	(141,219)	-	(367,741)
273	Manufacture of wiring and wiring devices	1,049,535	-	-	1,671,041	-	2,720,576
275	Manufacture of domestic appliances	(71,132)	-	-	703,518	-	632,386
279	Manufacture of other electrical equipment	(260,551)	-	(547,528)	(534,334)	-	(1,342,413)
281	Manufacture of general-purpose machinery	-	-	-	6,204	-	6,204
282	Manufacture of special-purpose machinery	2,526,096	5,780	256,166	26,750	-	2,814,792
291	Manufacture of motor vehicles	-	-	-	175,500	-	175,500
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	11,609,375	-	-	436,880	-	12,046,255
293	Manufacture of parts and accessories for motor vehicles	395,048	-	(3,880)	5,249	-	396,417
301	Building of ships and boats	287,129	-	87,386	-	-	374,515
302	Manufacture of railway locomotives and rolling stock	2,576	-	(6,155)	106,530	-	102,951
309	Manufacture of transport equipment n.e.c.	129,982	-	-	-	-	129,982
310	Manufacture of furniture	3,406,532	15,905	(946,824)	3,402,084	741,186	6,618,883
321	Manufacture of jewellery, bijouterie and related articles	12,006	-	(1,000)	14,490	-	25,496
324	Manufacture of games and toys	(1,586,686)	-	(1,052,033)	110,239	-	(2,528,480)
329	Other manufacturing n.e.c.	1,012,374	11,100	(9,720)	474,424	344,031	1,832,209
331	Repair of fabricated metal products, machinery and equipment	242,471	-	-	2,600	(176,339)	68,732
351	Electric power generation, transmission and distribution	(95,003,510)	(351)	1,000,494	14,720	(1,386,077)	(95,374,724)
<b>C</b>	<b>Manufacturing</b>	<b>46,554,118</b>	<b>6,547,710</b>	<b>18,362,622</b>	<b>177,436,693</b>	<b>(13,695,130)</b>	<b>235,206,013</b>
352	Manufacture of gas; distribution of gaseous fuels through mains	(60,233)	-	-	-	-	(60,233)
<b>D</b>	<b>Electric power generation, transmission and distribution</b>	<b>(60,233)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(60,233)</b>
360	Water collection, treatment and supply	1,029,905	(251,925)	77,302	630,660	72,836	1,558,778
382	Waste treatment and disposal	1,000	-	-	-	-	1,000
383	Materials recovery	(3,408)	-	-	45,624	-	42,216
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>1,027,497</b>	<b>(251,925)</b>	<b>77,302</b>	<b>676,284</b>	<b>72,836</b>	<b>1,601,994</b>
	<b>Total</b>	<b>15,151,119</b>	<b>10,516,019</b>	<b>(15,116,754)</b>	<b>188,036,536</b>	<b>(10,255,798)</b>	<b>188,331,122</b>

**Table 30: Value of Fixed Assets at the end of 2015 by Industrial Activity and Type of Assets, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Land Improvement	Building and Structure	Transport equipment	Machinery & equipment	Computer and other data processing equipment	Other	Total
51	Mining of hard coal	-	-	-	13,012	-	1,228,928	1,241,940
72	Mining of non-ferrous metal ores	109,137,027	686,559,937	67,000,066	973,454,814	9,343,646	792,172,156	2,637,667,646
81	Quarrying of stone, sand and clay	241,426	18,635,640	7,795,997	55,646,250	2,850,415	12,499,592	97,669,320
89	Mining and quarrying n.e.c.	41,031,521	16,163,118	20,481,056	59,429,683	84,998	912,290	138,102,666
99	Support activities for other mining and quarrying	-	9,000	-	40,000	-	-	49,000
<b>B</b>	<b>Mining and quarrying</b>	<b>150,409,974</b>	<b>721,367,695</b>	<b>95,277,119</b>	<b>1,088,583,759</b>	<b>12,279,059</b>	<b>806,812,966</b>	<b>2,874,730,572</b>
101	Processing and preserving of meat	15,053,001	25,523,186	295,859	10,968,247	37,055	197,776	52,075,124
102	Processing and preserving of fish, crustaceans and molluscs	12,967,344	9,520,326	3,180,280	12,424,519	302,047	1,121,091	39,515,607
103	Processing and preserving of fruit and vegetables	1,555,118	35,718,303	14,876,319	106,430,000	1,258,005	849,259	160,687,004
104	Manufacture of vegetable and animal oils and fats	8,067,582	28,799,014	9,024,859	76,028,713	339,109	1,165,737	123,425,014
105	Manufacture of dairy products	2,160,355	7,516,655	1,930,158	7,847,268	437,629	142,479	20,034,544
106	Manufacture of grain mill products, starches and starch products	16,731,359	125,605,519	63,276,549	101,892,704	2,384,309	41,673,191	351,563,631
107	Manufacture of other food products	180,893,569	138,792,887	58,019,448	289,422,776	4,544,891	37,769,719	709,443,290
108	Manufacture of prepared animal feeds	3,404,677	8,847,466	1,082,401	4,827,202	659,312	18,748,656	37,569,714
110	Manufacture of beverages	63,961,249	124,009,846	42,189,271	573,789,283	8,290,298	109,881,202	922,121,149
120	Manufacture of tobacco products	1,434,602	50,993,643	21,439,134	153,840,657	2,279,479	10,982,248	240,969,763
131	Spinning, weaving and finishing of textiles	2,014,288	16,948,543	2,709,537	121,002,551	59,545	321,942	143,056,406
139	Manufacture of other textiles	16,148,317	70,488,960	2,935,124	142,761,814	886,328	30,533,207	263,753,750
141	Manufacture of wearing apparel, except fur apparel	148,400	3,630,809	270,641	1,938,281	186,388	59,657	6,234,176
142	Manufacture of articles of fur	-	-	500	-	-	-	500
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	741,205	1,990,088	1,001,825	4,099,311	60,106	60,348	7,952,883
152	Manufacture of footwear	383,761	7,048,854	309,046	2,167,568	39,315	59,882	10,008,426
161	Sawmilling and planing of wood	3,765,456	45,025,376	5,888,672	61,514,705	4,333,021	2,990,438	123,517,668
162	Manufacture of products of wood, cork, straw and plaiting materials	2,620,831	23,828,267	8,568,813	98,009,579	5,143,743	27,185,508	165,356,741
170	Manufacture of paper and paper products	630,749	5,043,294	762,022	19,526,758	216,572	645,015	26,824,410
181	Printing and service activities related to printing	11,279,657	15,187,269	2,304,225	22,772,461	1,565,380	4,199,087	57,308,079
182	Reproduction of recorded media	12,000	23,888	179,939	1,301,673	18,652	71,812	1,607,964
192	Manufacture of refined petroleum products	300,651	178,300	529,961	6,419,588	18,660	834,154	8,281,314
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	412,037	6,848,529	3,324,219	23,131,977	337,614	2,278,294	36,332,670
202	Manufacture of other chemical products	337,611	73,238,808	10,428,185	98,211,276	2,583,430	2,902,930	187,702,240
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	10,178,250	8,987,802	192,821	7,763,401	550,090	42,323	27,714,687
221	Manufacture of rubber products	-	-	201,456	755,528	8,091	8,144	973,219
222	Manufacture of plastics products	11,922,620	40,368,702	4,415,947	91,643,477	456,944	7,631,675	156,439,365
231	Manufacture of glass and glass products	300,000	22,747,621	1,319,153	71,060,064	15,899	46,363	95,489,100

**Table 30(cont'd): Value of Fixed Assets at the End of 2015 by Industrial Activity and Type of Assets, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Land Improvement	Building and Structure	Transport equipment	Machinery & equipment	Computer and other data processing equipment	Other	Total
239	Manufacture of non-metallic mineral products n.e.c.	72,879,546	757,750,539	17,065,737	383,714,275	505,931	49,703,598	1,281,619,626
241	Manufacture of basic iron and steel	23,512,527	58,464,933	6,822,931	45,395,688	232,846	1,102,224	135,531,149
242	Manufacture of basic precious and other non-ferrous metals	696,395	320,000	60,882	705,284	14,335	-	1,796,896
243	Casting of metals	13,000	4,000	-	22,300	-	-	39,300
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	22,505,945	22,739,364	1,702,067	24,361,898	692,195	775,951	72,777,420
259	Manufacture of other fabricated metal products; metalworking service activities	528,747	3,334,629	215,941	8,311,070	33,165	143,737	12,567,289
261	Manufacture of electronic components and boards	5,561,400	1,816,374	117,992	5,815,509	69,636	-	13,380,911
262	Manufacture of computers and peripheral equipment	-	980,890	80,900	913,984	8,714	9,320	1,993,808
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	234,345	403,489	229,514	1,055,922	62,678	-	1,985,948
272	Manufacture of batteries and accumulators	-	372,502	27,399	1,503,542	-	48,854	1,952,297
273	Manufacture of wiring and wiring devices	-	1,789,608	252,910	1,294,788	19,062	173,820	3,530,188
275	Manufacture of domestic appliances	250,000	3,531,483	911,161	377,464	24,089	97,582	5,191,779
279	Manufacture of other electrical equipment	-	14,844,055	274,533	4,974,785	-	111,272	20,204,645
281	Manufacture of general-purpose machinery	-	12,242	-	5,534	-	668	18,444
282	Manufacture of special-purpose machinery	2,300,752	4,059,343	956,812	2,596,940	670,279	200,250	10,784,376
291	Manufacture of motor vehicles	-	-	32,000	190,000	3,000	20,000	245,000
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	63,750	587,024	401,859	1,482,272	27,285	11,976	2,574,166
293	Manufacture of parts and accessories for motor vehicles	1,829,920	16,710,449	537,333	4,159,075	557,217	38,786	23,832,780
301	Building of ships and boats	-	167,040	30,440	189,442	10,437	6,309	403,668
302	Manufacture of railway locomotives and rolling stock	-	-	154,345	381,350	19,121	129,288	684,104
309	Manufacture of transport equipment n.e.c.	168,782	6,810,213	985,981	413,652	610,587	385,136	9,374,351
310	Manufacture of furniture	8,643,293	21,096,843	3,870,060	21,386,083	625,394	1,103,726	56,725,399
321	Manufacture of jewellery, bijouterie and related articles	10,000	29,500	-	94,120	-	11,459	145,079
324	Manufacture of games and toys	155,317	12,032,773	350,902	5,374,157	-	10,052	17,923,201
329	Other manufacturing n.e.c.	2,514,281	2,298,276	782,960	12,563,901	102,228	148,340	18,409,986
331	Repair of fabricated metal products, machinery and equipment	48,150	1,297,444	273,790	376,063	43,423	70,173	2,109,043
<b>C</b>	<b>Manufacturing</b>	<b>509,340,839</b>	<b>1,828,364,968</b>	<b>296,794,813</b>	<b>2,639,210,479</b>	<b>41,343,534</b>	<b>356,704,658</b>	<b>5,671,759,291</b>
351	Electric power generation, transmission and distribution	519,605,718	138,025,980	10,094,437	1,622,902,090	2,250,507	14,593,263	2,307,471,995
352	Manufacture of gas; distribution of gaseous fuels through mains	100	1,006,946	19,389	605,417	11,256	-	1,643,108
<b>D</b>	<b>Electric power generation, transmission and distribution</b>	<b>519,605,818</b>	<b>139,032,926</b>	<b>10,113,826</b>	<b>1,623,507,507</b>	<b>2,261,763</b>	<b>14,593,263</b>	<b>2,309,115,103</b>
360	Water collection, treatment and supply	43,290,008	61,926,741	14,471,509	150,115,824	1,755,123	141,849,178	413,408,383
382	Waste treatment and disposal	350,000	200,000	300,000	-	-	-	850,000
383	Materials recovery	-	379,973	33,879	435,099	165,774	33,626	1,048,351
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>43,640,008</b>	<b>62,506,714</b>	<b>14,805,388</b>	<b>150,550,923</b>	<b>1,920,897</b>	<b>141,882,804</b>	<b>415,306,734</b>
<b>Total</b>		<b>1,222,996,639</b>	<b>2,751,272,303</b>	<b>416,991,146</b>	<b>5,501,852,668</b>	<b>57,805,253</b>	<b>1,319,993,691</b>	<b>11,270,911,700</b>



**Table 31: Net Investment by Industrial Activity and Type of Asset, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Land Investment	Buildings and Structures	Transport Equipment	Machinery and Equipment	Computer and Data Processing equipment	Other	Total
51	Mining of hard coal	1,300	-	-	13,529	-	1,228,928	1,243,757
72	Mining of non-ferrous metal ores	104,978,027	387,334,367	58,982,867	505,827,546	9,606,727	854,418,188	1,921,147,722
81	Quarrying of stone, sand and clay	240,015	18,504,371	8,063,525	68,050,781	2,486,694	31,219,063	128,564,449
89	Mining and quarrying n.e.c.	41,440,584	15,782,406	18,217,260	56,577,995	62,667	750,197	132,831,109
99	Support activities for other mining and quarrying	-	8,000	-	25,000	-	-	33,000
	<b>Mining and Quarrying</b>	<b>146,659,926</b>	<b>421,629,144</b>	<b>85,263,652</b>	<b>630,494,851</b>	<b>12,156,088</b>	<b>887,616,376</b>	<b>2,183,820,037</b>
101	Processing and preserving of meat	14,956,745	24,728,993	309,174	12,301,854	32,028	189,314	52,518,108
102	Processing and preserving of fish, crustaceans and molluscs	12,359,997	8,946,272	2,732,979	9,388,288	110,243	1,200,137	34,737,916
103	Processing and preserving of fruit and vegetables	1,509,576	51,428,927	12,867,735	154,033,552	1,272,111	1,051,023	222,162,924
104	Manufacture of vegetable and animal oils and fats	8,429,506	40,746,162	9,271,547	106,575,511	303,247	(1,115,348)	164,210,625
105	Manufacture of dairy products	2,210,810	7,301,953	1,999,431	7,326,014	433,286	139,404	19,410,898
106	Manufacture of grain mill products, starches and starch products	16,670,475	132,483,271	66,295,994	110,076,738	3,697,462	32,719,720	361,943,660
107	Manufacture of other food products	180,200,016	147,965,718	37,717,171	318,808,457	2,181,923	35,500,815	722,374,100
108	Manufacture of prepared animal feeds	3,426,496	8,481,148	1,434,587	4,712,958	858,317	22,417,273	41,330,779
110	Manufacture of beverages	66,463,698	143,478,316	38,776,339	618,012,194	7,087,234	102,433,484	976,251,265
120	Manufacture of tobacco products	1,434,602	43,647,045	8,171,165	96,325,232	1,757,340	7,032,661	158,368,045
131	Spinning, weaving and finishing of textiles	1,890,423	16,356,779	2,494,119	117,720,403	43,879	312,396	138,817,999
139	Manufacture of other textiles	15,848,913	66,473,476	3,091,641	118,983,843	832,144	31,589,736	236,819,753
141	Manufacture of wearing apparel, except fur apparel	147,897	3,362,138	330,747	2,350,721	243,566	123,038	6,558,107
142	Manufacture of articles of fur	-	-	1,830	-	-	-	1,830
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	716,343	1,696,658	807,689	2,991,561	21,221	38,908	6,272,380
152	Manufacture of footwear	438,407	6,798,205	225,313	3,322,828	84,914	45,878	10,915,545
161	Sawmilling and planing of wood	3,754,066	48,565,240	4,231,001	64,272,399	3,714,845	3,477,658	128,015,209
162	Manufacture of products of wood, cork, straw and plaiting materials	2,649,716	23,787,046	8,967,593	125,102,830	4,323,837	33,247,732	198,078,754
170	Manufacture of paper and paper products	604,152	4,923,379	716,835	21,728,847	224,574	672,287	28,870,074
181	Printing and service activities related to printing	11,191,916	14,617,706	2,450,702	24,189,359	1,727,852	4,243,889	58,421,424
182	Reproduction of recorded media	12,000	35,835	158,699	1,239,058	15,030	58,864	1,519,486
192	Manufacture of refined petroleum products	330,651	142,640	417,178	9,153,586	13,413	672,734	10,730,202
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	412,037	6,673,125	2,968,877	21,541,021	305,961	3,162,363	35,063,384
202	Manufacture of other chemical products	647,994	65,114,047	5,160,564	82,864,951	2,229,084	2,707,285	158,723,925
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	10,161,320	8,638,479	166,479	7,230,209	659,313	38,571	26,894,371
221	Manufacture of rubber products	-	-	149,970	637,712	9,202	7,733	804,617
222	Manufacture of plastics products	11,866,189	38,871,245	3,373,396	84,802,205	344,723	7,508,416	146,766,174
231	Manufacture of glass and glass products	270,000	23,063,567	4,104,778	76,170,345	18,573	62,600	103,689,863

**Table 31 (cont'd): Net Investment by Industrial Activity and Type of Assets, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Land Investment	Buildings and Structures	Transport Equipment	Machinery and Equipment	Computer and Data Processing equipment	Other	Total
239	Manufacture of non-metallic mineral products n.e.c.	68,398,014	844,925,561	13,228,728	238,594,723	446,406	114,925,078	1,280,518,510
241	Manufacture of basic iron and steel	23,616,495	59,529,944	7,092,856	46,262,151	209,046	1,032,771	137,743,263
242	Manufacture of basic precious and other non-ferrous metals	696,395	320,000	197,327	536,968	27,928	83,850	1,862,468
243	Casting of metals	9,500	3,800	-	21,200	-	-	34,500
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	22,808,792	25,401,659	2,070,349	30,681,614	737,933	919,443	82,619,790
259	Manufacture of other fabricated metal products; metalworking service activities	525,558	3,231,435	187,514	7,804,874	31,247	125,569	11,906,197
261	Manufacture of electronic components and boards	5,561,400	1,745,796	57,544	6,983,270	38,788	-	14,386,798
262	Manufacture of computers and peripheral equipment	-	784,712	70,788	1,607,448	7,625	8,155	2,478,728
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	234,345	413,765	229,514	1,037,963	58,709	-	1,974,296
272	Manufacture of batteries and accumulators	-	377,206	42,671	1,434,668	-	36,404	1,890,949
273	Manufacture of wiring and wiring devices	-	2,239,004	158,240	1,674,961	9,939	145,065	4,227,209
275	Manufacture of domestic appliances	250,000	3,343,085	780,899	1,506,606	18,499	87,014	5,986,103
279	Manufacture of other electrical equipment	-	14,262,125	127,692	4,749,706	-	99,372	19,238,895
281	Manufacture of general-purpose machinery	-	12,242	-	4,237	-	511	16,990
282	Manufacture of special-purpose machinery	6,925,412	3,343,825	782,907	2,140,156	574,209	175,611	13,942,120
291	Manufacture of motor vehicles	-	-	24,000	152,000	2,625	19,600	198,225
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	67,400	504,291	362,999	1,288,839	39,079	10,081	2,272,689
293	Manufacture of parts and accessories for motor vehicles	9,057,000	23,411,759	180,269	4,056,593	96,775	34,630	36,837,026
301	Building of ships and boats	-	75,340	193,000	276,383	-	2,843	547,566
302	Manufacture of railway locomotives and rolling stock	-	-	105,087	457,242	14,771	110,100	687,200
309	Manufacture of transport equipment n.e.c.	168,782	6,452,727	1,132,393	463,283	593,968	351,476	9,162,629
310	Manufacture of furniture	19,164,690	20,967,789	2,637,244	20,333,931	438,066	1,126,097	64,667,817
321	Manufacture of jewellery, bijouterie and related articles	10,000	28,050	-	85,045	-	10,748	133,843
324	Manufacture of games and toys	155,317	10,528,677	307,040	4,702,388	-	8,796	15,702,218
329	Other manufacturing n.e.c.	2,814,281	3,197,087	643,782	12,218,240	93,290	436,857	19,403,537
331	Repair of fabricated metal products, machinery and equipment	48,150	1,153,651	413,461	351,739	33,955	48,923	2,049,879
<b>C</b>	<b>Manufacturing</b>	<b>529,115,476</b>	<b>1,964,580,900</b>	<b>250,419,837</b>	<b>2,591,288,904</b>	<b>36,018,180</b>	<b>409,337,565</b>	<b>5,780,760,862</b>
351	Electric power generation, transmission and distribution	519,608,978	133,837,938	10,767,633	1,667,291,427	2,132,511	15,199,048	2,348,837,535
352	Manufacture of gas; distribution of gaseous fuels through mains	100	951,599	14,542	603,977	17,290	-	1,587,508
<b>D</b>	<b>Electric power generation, transmission and distribution</b>	<b>519,609,078</b>	<b>134,789,537</b>	<b>10,782,175</b>	<b>1,667,895,404</b>	<b>2,149,801</b>	<b>15,199,048</b>	<b>2,350,425,043</b>
360	Water collection, treatment and supply	43,844,043	84,220,179	12,976,802	178,541,990	1,378,814	143,877,208	464,839,036
382	Waste treatment and disposal	350,000	200,000	300,000	-	-	-	850,000
383	Materials recovery	-	360,974	45,734	743,403	258,120	47,251	1,455,482
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>44,194,043</b>	<b>84,781,153</b>	<b>13,322,536</b>	<b>179,285,393</b>	<b>1,636,934</b>	<b>143,924,459</b>	<b>467,144,518</b>
<b>Total</b>		<b>1,239,578,523</b>	<b>2,605,780,734</b>	<b>359,788,200</b>	<b>5,068,964,552</b>	<b>51,961,003</b>	<b>1,456,077,448</b>	<b>10,782,150,460</b>

**Table 32: Number of Establishments and Persons Engaged by Industrial Activity, Tanzania Mainland, ASIP-2015**

		(Number)						
ISIC Rev.4	Industrial Activity	Number of Establishments	Total Persons Engaged	Employees			Working Proprietors	Unpaid Workers
				Managerial	Operatives	Other		
51	Mining of hard coal	1	77	8	69	-	-	-
72	Mining of non-ferrous metal ores	45	9,527	423	8,569	37	111	6
81	Quarrying of stone, sand and clay	17	990	137	509	107	68	1
89	Mining and quarrying n.e.c.	320	21,128	976	10,340	281	454	71
99	Support activities for other mining and quarrying	1	21	3	18	-	-	-
<b>B</b>	<b>Mining and quarrying</b>	<b>384</b>	<b>31,743</b>	<b>1,547</b>	<b>19,505</b>	<b>425</b>	<b>633</b>	<b>78</b>
101	Processing and preserving of meat	11	1,201	180	602	-	21	3
102	Processing and preserving of fish, crustaceans and molluscs	19	3,731	293	2,572	15	16	-
103	Processing and preserving of fruit and vegetables	20	2,980	372	2,195	-	11	3
104	Manufacture of vegetable and animal oils and fats	131	8,749	718	2,812	47	345	77
105	Manufacture of dairy products	24	859	151	513	1	43	19
106	Manufacture of grain mill products, starches and starch products	333	11,726	967	7,524	119	476	243
107	Manufacture of other food products	193	33,195	3,860	23,968	241	254	50
108	Manufacture of prepared animal feeds	20	1,138	238	576	29	70	5
110	Manufacture of beverages	71	13,354	2,161	6,261	234	162	16
120	Manufacture of tobacco products	4	5,863	795	5,034	-	7	-
131	Spinning, weaving and finishing of textiles	16	6,621	478	5,624	6	60	-
139	Manufacture of other textiles	34	5,785	1,120	4,269	18	29	1
141	Manufacture of wearing apparel, except fur apparel	12	2,731	75	2,570	-	42	-
142	Manufacture of articles of fur	1	18	1	13	-	-	-
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	13	821	63	689	-	5	-
152	Manufacture of footwear	14	816	119	549	6	23	80
161	Sawmilling and planing of wood	109	4,195	427	1,573	236	187	65
162	Manufacture of products of wood, cork, straw and plaiting materials	19	1,184	92	820	3	62	4
170	Manufacture of paper and paper products	14	2,664	212	2,235	-	14	-
181	Printing and service activities related to printing	55	3,062	722	1,801	7	97	14
182	Reproduction of recorded media	3	150	24	110	-	4	-
192	Manufacture of refined petroleum products	4	293	47	176	41	4	-
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	8	439	110	289	-	4	-
202	Manufacture of other chemical products	47	7,145	728	3,703	64	140	5
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	5	987	243	526	-	2	-
221	Manufacture of rubber products	3	138	36	75	-	3	12
222	Manufacture of plastics products	52	5,103	683	3,014	27	76	6
231	Manufacture of glass and glass products	8	837	80	695	-	10	-

**Table 32 (cont'd): Number of Establishments and Persons Engaged by Industrial Activity, Tanzania Mainland, ASIP-2015**

(Number)

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.	208	9,315	993	4,680	217	424	32
241	Manufacture of basic iron and steel	37	3,189	371	1,627	23	34	7
242	Manufacture of basic precious and other non-ferrous metals	5	230	56	128	8	-	-
243	Casting of metals	5	100	1	52	3	5	-
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	36	1,179	145	809	5	75	13
259	Manufacture of other fabricated metal products; metalworking service activities	33	1,032	115	576	14	67	8
261	Manufacture of electronic components and boards	1	130	46	42	42	-	-
262	Manufacture of computers and peripheral equipment	1	27	7	19	-	1	-
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	1	45	1	44	-	-	-
272	Manufacture of batteries and accumulators	1	195	70	67	-	3	-
273	Manufacture of wiring and wiring devices	4	427	57	152	-	3	-
275	Manufacture of domestic appliances	6	692	75	370	-	9	-
279	Manufacture of other electrical equipment	1	85	12	73	-	-	-
281	Manufacture of general-purpose machinery	1	17	11	5	-	1	-
282	Manufacture of special-purpose machinery	14	503	153	271	7	12	4
291	Manufacture of motor vehicles	1	12	2	8	1	1	-
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	6	235	25	171	-	10	-
293	Manufacture of parts and accessories for motor vehicles	5	683	271	397	-	5	-
301	Building of ships and boats	1	142	14	51	-	-	-
302	Manufacture of railway locomotives and rolling stock	1	376	6	210	-	-	-
309	Manufacture of transport equipment n.e.c.	1	440	141	299	-	-	-
310	Manufacture of furniture	198	7,079	775	4,421	33	267	122
321	Manufacture of jewellery, bijouterie and related articles	20	292	50	150	8	79	-
324	Manufacture of games and toys	2	2,169	37	2,127	-	-	-
329	Other manufacturing n.e.c.	21	1,804	212	1,211	-	46	4
331	Repair of fabricated metal products, machinery and equipment	11	396	98	275	-	17	-
<b>C</b>	<b>Manufacturing</b>	<b>1,864</b>	<b>156,579</b>	<b>18,739</b>	<b>99,023</b>	<b>1,455</b>	<b>3,226</b>	<b>793</b>
351	Electric power generation, transmission and distribution	30	3,964	595	2,087	32	10	16
352	Manufacture of gas; distribution of gaseous fuels through mains	1	21	2	14	-	1	-
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>31</b>	<b>3,985</b>	<b>597</b>	<b>2,101</b>	<b>32</b>	<b>11</b>	<b>16</b>
360	Water collection, treatment and supply	107	8,912	2,824	5,369	90	31	37
382	Waste treatment and disposal	1	20	4	4	-	4	4
383	Materials recovery	2	113	14	81	-	1	-
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>110</b>	<b>9,045</b>	<b>2,842</b>	<b>5,454</b>	<b>90</b>	<b>36</b>	<b>41</b>
<b>Total</b>		<b>2,389</b>	<b>201,352</b>	<b>23,725</b>	<b>126,083</b>	<b>2,002</b>	<b>3,906</b>	<b>928</b>

**Table 33: Remuneration by Industrial Activity, Tanzania Mainland, ASIP-2015**

(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	
51	Mining of hard coal	296,497	29,650	48,000	-	374,147
72	Mining of non-ferrous metal ores	67,666,410	41,636,689	40,401,707	161,700,028	311,404,834
81	Quarrying of stone, sand and clay	10,187,351	634,404	987,271	667,881	12,476,907
89	Mining and quarrying n.e.c.	100,174,502	3,674,489	14,872,637	5,739,639	124,461,267
99	Support activities for other mining and quarrying	49,320	-	2,412	800	52,532
<b>B</b>	<b>Mining and quarrying</b>	<b>178,374,080</b>	<b>45,975,232</b>	<b>56,312,027</b>	<b>168,108,348</b>	<b>448,769,687</b>
101	Processing and preserving of meat	8,452,651	224,792	83,586	3,240,301	12,001,330
102	Processing and preserving of fish, crustaceans and molluscs	8,357,768	688,203	490,356	15,855,296	25,391,623
103	Processing and preserving of fruit and vegetables	15,813,165	784,851	109,515	1,328,361	18,035,892
104	Manufacture of vegetable and animal oils and fats	9,363,928	2,098,994	3,039,528	8,692,758	23,195,208
105	Manufacture of dairy products	2,636,250	367,468	336,902	240,251	3,580,871
106	Manufacture of grain mill products, starches and starch products	29,112,819	1,515,837	1,013,449	2,481,832	34,123,937
107	Manufacture of other food products	75,851,407	5,442,124	6,525,247	16,173,121	103,991,899
108	Manufacture of prepared animal feeds	3,074,259	504,158	258,544	584,829	4,421,790
110	Manufacture of beverages	105,991,823	16,308,527	12,262,081	19,956,649	154,519,080
120	Manufacture of tobacco products	39,837,684	6,845,040	7,297,009	7,542,796	61,522,529
131	Spinning, weaving and finishing of textiles	5,075,840	1,090,485	357,687	405,921	6,929,933
139	Manufacture of other textiles	30,773,528	2,200,187	1,206,288	2,327,619	36,507,622
141	Manufacture of wearing apparel, except fur apparel	89,457,315	7,146,047	141,298	2,588,168	99,332,828
142	Manufacture of articles of fur	28,200	-	-	1,000	29,200
	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	1,404,927	172,091	9,221	1,022,453	2,608,692
152	Manufacture of footwear	2,152,459	457,581	109,383	50,670	2,770,093
161	Sawmilling and planing of wood	20,246,424	591,827	1,220,533	1,061,137	23,119,921
162	Manufacture of products of wood, cork, straw and plaiting materials	22,188,096	1,242,192	163,164	144,373	23,737,825
170	Manufacture of paper and paper products	8,997,919	587,699	748,058	1,925,476	12,259,152
181	Printing and service activities related to printing	98,779,354	2,339,354	3,139,319	9,885,376	114,143,403
182	Reproduction of recorded media	414,968	24,487	8,833	48,070	496,358
192	Manufacture of refined petroleum products	1,285,996	128,146	64,038	115,859	1,594,039
	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	2,176,067	331,254	472,195	483,100	3,462,616
202	Manufacture of other chemical products	23,350,184	2,264,772	1,871,348	3,080,081	30,566,385
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	6,042,884	380,873	522,593	1,143,384	8,089,734
221	Manufacture of rubber products	616,047	57,221	8,296	7,385	688,949
222	Manufacture of plastics products	17,374,321	1,332,717	1,397,851	2,336,584	22,441,473
231	Manufacture of glass and glass products	5,919,098	286,921	1,344,506	1,373,687	8,924,212

**Table 33 (cont'd): Remuneration by Industrial Activity, Tanzania Mainland, ASIP-2015**

(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.	52,550,043	2,277,467	1,407,915	4,024,250	60,259,675
241	Manufacture of basic iron and steel	6,462,945	620,726	471,623	1,220,525	8,775,819
242	Manufacture of basic precious and other non-ferrous metals	213,825	27,077	2,454	117,396	360,752
243	Casting of metals	26,600	-	8,480	15,080	50,160
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	3,855,072	484,329	757,248	1,699,067	6,795,716
259	Manufacture of other fabricated metal products; metalworking service activities	1,965,509	506,829	127,542	813,493	3,413,373
261	Manufacture of electronic components and boards	2,049,086	322,253	168,170	53,628	2,593,137
262	Manufacture of computers and peripheral equipment	332,618	67,752	55,818	15,110	471,298
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	328,648	41,712	-	187,982	558,342
272	Manufacture of batteries and accumulators	970,642	104,167	170,876	80,630	1,326,315
273	Manufacture of wiring and wiring devices	1,004,744	98,894	33,342	30,480	1,167,460
275	Manufacture of domestic appliances	1,706,377	91,859	81,686	502,402	2,382,324
279	Manufacture of other electrical equipment	1,339,654	102,492	188,744	359,465	1,990,355
281	Manufacture of general-purpose machinery	8,371	-	-	502	8,873
282	Manufacture of special-purpose machinery	2,721,674	807,462	818,910	177,310	4,525,356
291	Manufacture of motor vehicles	12,580	600	3,600	-	16,780
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	876,282	76,435	174,413	193,708	1,320,838
293	Manufacture of parts and accessories for motor vehicles	3,122,848	15,453	155,410	96,736	3,390,447
301	Building of ships and boats	-	13,279	-	12,665	25,944
302	Manufacture of railway locomotives and rolling stock	434,546	21,015	6,842	25,118	487,521
309	Manufacture of transport equipment n.e.c.	1,190,189	119,019	942,631	781,310	3,033,149
310	Manufacture of furniture	15,901,134	1,155,402	1,036,614	2,448,234	20,541,384
321	Manufacture of jewellery, bijouterie and related articles	700,364	50,147	13,138	19,196	782,845
324	Manufacture of games and toys	2,385,400	238,450	-	-	2,623,850
329	Other manufacturing n.e.c.	3,093,589	219,248	153,561	390,874	3,857,272
331	Repair of fabricated metal products, machinery and equipment	12,953,075	108,919	81,584	173,679	13,317,257
<b>C</b>	<b>Manufacturing</b>	<b>750,981,196</b>	<b>62,984,834</b>	<b>51,061,429</b>	<b>117,535,377</b>	<b>982,562,836</b>
351	Electric power generation, transmission and distribution	55,055,933	22,065,765	3,015,840	8,280,344	88,417,882
352	Manufacture of gas; distribution of gaseous fuels through mains	33,173	2,945	18,929	50,480	105,527
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>55,089,106</b>	<b>22,068,710</b>	<b>3,034,769</b>	<b>8,330,824</b>	<b>88,523,409</b>
360	Water collection, treatment and supply	28,379,482	4,223,180	4,048,266	37,175,449	73,826,377
382	Waste treatment and disposal	36,700	-	-	5,400	42,100
383	Materials recovery	134,362	2,716	11,645	75,193	223,916
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>28,550,544</b>	<b>4,225,896</b>	<b>4,059,911</b>	<b>37,256,042</b>	<b>74,092,393</b>
<b>Total</b>		<b>1,012,994,926</b>	<b>135,254,672</b>	<b>114,468,136</b>	<b>331,230,591</b>	<b>1,593,948,325</b>

**Table 34: Value Added by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Gross Output	Intermediate Consumption	Value Added	Depreciation	Net Value Added
51	Mining of hard coal	2,089,670	1,696,932	392,738	-	392,738
72	Mining of non-ferrous metal ores	2,906,955,739	675,684,321	2,231,271,418	626,599,445	1,604,671,973
81	Quarrying of stone, sand and clay	146,519,753	53,578,080	92,941,673	7,733,973	85,207,700
89	Mining and quarrying n.e.c.	625,756,520	166,646,609	459,109,911	8,092,487	451,017,424
99	Support activities for other mining and quarrying	6,280,000	2,064,000	4,216,000	16,000	4,200,000
<b>B</b>	<b>Mining and quarrying</b>	<b>3,687,601,682</b>	<b>899,669,942</b>	<b>2,787,931,740</b>	<b>642,441,905</b>	<b>2,145,489,835</b>
101	Processing and preserving of meat	77,044,417	24,243,097	52,801,320	1,507,131	51,294,189
102	Processing and preserving of fish, crustaceans and molluscs	336,739,714	250,691,865	86,047,849	6,036,519	80,011,330
103	Processing and preserving of fruit and vegetables	370,239,093	257,701,569	112,537,524	24,283,451	88,254,073
104	Manufacture of vegetable and animal oils and fats	1,047,495,715	790,770,699	256,725,016	18,702,027	238,022,989
105	Manufacture of dairy products	53,027,417	28,892,664	24,134,753	1,570,767	22,563,986
106	Manufacture of grain mill products, starches and starch products	985,412,078	741,121,303	244,290,775	28,570,924	215,719,851
107	Manufacture of other food products	1,090,308,293	659,210,304	431,097,989	92,884,012	338,213,977
108	Manufacture of prepared animal feeds	58,310,166	30,408,299	27,901,867	1,860,332	26,041,535
110	Manufacture of beverages	1,943,061,011	853,723,887	1,089,337,124	96,247,233	993,089,891
120	Manufacture of tobacco products	649,877,741	195,187,955	454,689,786	96,390,522	358,299,264
131	Spinning, weaving and finishing of textiles	262,156,933	200,885,657	61,271,276	7,293,376	53,977,900
139	Manufacture of other textiles	505,397,322	273,759,711	231,637,611	56,559,184	175,078,427
141	Manufacture of wearing apparel, except fur apparel	411,469,967	96,279,739	315,190,228	871,075	314,319,153
142	Manufacture of articles of fur	191,430	23,730	167,700	-	167,700
	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness;					
151	dressing and dyeing of fur	30,999,835	22,371,047	8,628,788	1,685,280	6,943,508
152	Manufacture of footwear	22,587,393	13,738,682	8,848,711	1,339,831	7,508,880
161	Sawmilling and planing of wood	337,177,939	180,946,626	156,231,313	16,044,623	140,186,690
162	Manufacture of products of wood, cork, straw and plaiting materials	267,644,383	83,482,954	184,161,429	12,960,678	171,200,751
170	Manufacture of paper and paper products	105,914,423	84,298,443	21,615,980	1,712,896	19,903,084
181	Printing and service activities related to printing	235,671,512	106,155,383	129,516,129	4,559,275	124,956,854
182	Reproduction of recorded media	4,083,715	2,347,904	1,735,811	348,673	1,387,138
192	Manufacture of refined petroleum products	56,862,997	49,599,034	7,263,963	1,209,632	6,054,331
	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms					
201	rubber in primary forms	54,549,434	20,515,373	34,034,061	3,852,228	30,181,833
202	Manufacture of other chemical products	580,896,131	352,947,811	227,948,320	39,487,629	188,460,691
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	74,633,402	40,108,675	34,524,727	1,688,698	32,836,029
221	Manufacture of rubber products	14,555,248	7,773,481	6,781,767	179,384	6,602,383
222	Manufacture of plastics products	524,044,080	291,697,736	232,346,344	21,972,752	210,373,592
231	Manufacture of glass and glass products	107,207,466	72,815,190	34,392,276	6,917,909	27,474,367
239	Manufacture of non-metallic mineral products n.e.c.	1,023,658,067	535,668,567	487,989,500	96,129,625	391,859,875

**Table 34 (cont'd): Value Added by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Gross Output	Intermediate Consumption	Value Added	Depreciation	Net Value Added
241	Manufacture of basic iron and steel	237,173,146	152,607,847	84,565,299	6,216,757	78,348,542
242	Manufacture of basic precious and other non-ferrous metals	14,358,712	11,524,449	2,834,263	264,417	2,569,846
243	Casting of metals	398,365	50,285	348,080	4,800	343,280
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	247,285,272	93,766,523	153,518,749	2,462,253	151,056,496
259	Manufacture of other fabricated metal products; metalworking service activities	48,994,001	19,219,444	29,774,557	989,283	28,785,274
261	Manufacture of electronic components and boards	9,458,550	4,263,902	5,194,648	584,008	4,610,640
262	Manufacture of computers and peripheral equipment	3,082,836	2,372,247	710,589	322,792	387,797
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	6,090,244	3,794,675	2,295,569	174,027	2,121,542
272	Manufacture of batteries and accumulators	22,810,318	2,969,318	19,841,000	466,239	19,374,761
273	Manufacture of wiring and wiring devices	36,365,297	30,404,037	5,961,260	605,587	5,355,673
275	Manufacture of domestic appliances	15,320,501	10,911,692	4,408,809	544,377	3,864,432
279	Manufacture of other electrical equipment	15,227,757	12,012,549	3,215,208	1,046,462	2,168,746
281	Manufacture of general-purpose machinery	179,290	161,879	17,411	1,454	15,957
282	Manufacture of special-purpose machinery	31,300,620	23,887,029	7,413,591	1,513,335	5,900,256
291	Manufacture of motor vehicles	351,000	103,227	247,773	46,775	200,998
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	25,126,039	7,958,350	17,167,689	356,981	16,810,708
293	Manufacture of parts and accessories for motor vehicles	10,804,357	3,354,257	7,450,100	1,440,096	6,010,004
301	Building of ships and boats	4,468,817	113,535	4,355,282	311,503	4,043,779
302	Manufacture of railway locomotives and rolling stock	5,877,598	4,389,760	1,487,838	166,055	1,321,783
309	Manufacture of transport equipment n.e.c.	60,213,951	47,341,955	12,871,996	806,598	12,065,398
310	Manufacture of furniture	424,211,425	217,409,407	206,802,018	9,813,274	196,988,744
321	Manufacture of jewellery, bijouterie and related articles	3,254,475	2,037,433	1,217,042	11,236	1,205,806
324	Manufacture of games and toys	34,999,932	32,531,828	2,468,104	2,220,983	247,121
329	Other manufacturing n.e.c.	51,333,484	35,000,803	16,332,681	1,921,831	14,410,850
331	Repair of fabricated metal products, machinery and equipment	24,593,448	3,432,746	21,160,702	293,567	20,867,135
<b>C</b>	<b>Manufacturing</b>	<b>12,564,496,757</b>	<b>6,988,986,562</b>	<b>5,575,510,195</b>	<b>675,450,356</b>	<b>4,900,059,839</b>
351	Electric power generation, transmission and distribution	3,371,141,726	2,241,550,078	1,129,591,648	98,341,481	1,031,250,167
352	Manufacture of gas; distribution of gaseous fuels through mains	729,999	589,710	140,289	64,104	76,185
<b>D</b>	<b>Electric power generation, transmission and distribution</b>	<b>3,371,871,725</b>	<b>2,242,139,788</b>	<b>1,129,731,937</b>	<b>98,405,585</b>	<b>1,031,326,352</b>
360	Water collection, treatment and supply	267,289,822	94,045,051	173,244,771	22,222,559	151,022,212
382	Waste treatment and disposal	396,270	243,007	153,263	-	153,263
383	Materials recovery	2,403,432	1,400,587	1,002,845	159,659	843,186
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>270,089,524</b>	<b>95,688,645</b>	<b>174,400,879</b>	<b>22,382,218</b>	<b>152,018,661</b>
	<b>Total</b>	<b>19,894,059,688</b>	<b>10,226,484,937</b>	<b>9,667,574,751</b>	<b>1,438,680,064</b>	<b>8,228,894,687</b>



**Table 35(a): Stocks Held at the Beginning by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	At the Beginning					Total
		Materials and supplies	Fuel	Work in progress	Finished products	Goods purchased for resale	
51	Mining of hard coal	-	-	-	-	-	-
72	Mining of non-ferrous metal ores	437,257,878	9,226,894	174,686,016	31,929,578	20,000	653,120,366
81	Quarrying of stone, sand and clay	2,175,276	590,094	1,805,550	12,575,156	170,402	17,316,478
89	Mining and quarrying n.e.c.	16,085,538	178,518	7,955,602	13,231,445	550,683	38,001,786
99	Support activities for other mining and quarrying	53,400	15,200	150,000	-	-	218,600
<b>B</b>	<b>Mining and quarrying</b>	<b>455,572,092</b>	<b>10,010,706</b>	<b>184,597,168</b>	<b>57,736,179</b>	<b>741,085</b>	<b>708,657,230</b>
101	Processing and preserving of meat	568,810	-	28,510	878,038	2,027,360	3,502,718
102	Processing and preserving of fish, crustaceans and molluscs	1,755,801	8,059	21,839	10,916,676	2,225,067	14,927,442
103	Processing and preserving of fruit and vegetables	58,059,249	9,514,499	1,756,293	14,008,468	-	83,338,509
104	Manufacture of vegetable and animal oils and fats	105,578,250	137,133	1,266,863	18,261,038	9,496,796	134,740,080
105	Manufacture of dairy products	1,166,179	53,523	5,139	144,112	42,139	1,411,092
106	Manufacture of grain mill products, starches and starch products	57,387,333	262,585	1,270,838	7,028,925	5,852,020	71,801,701
107	Manufacture of other food products	128,816,956	859,927	8,762,354	59,887,345	20,413,162	218,739,744
108	Manufacture of prepared animal feeds	9,346,680	-	5,700	1,127,999	5,266	10,485,645
110	Manufacture of beverages	189,262,600	39,880,220	6,830,152	34,025,470	932,574	270,931,016
120	Manufacture of tobacco products	91,616,458	290,669	361,935	36,913,175	-	129,182,237
131	Spinning, weaving and finishing of textiles	36,011,568	5,089,455	21,676,491	14,829,555	-	77,607,069
139	Manufacture of other textiles	51,300,258	1,194,432	4,683,461	27,160,460	-	84,338,611
141	Manufacture of wearing apparel, except fur apparel	123,189,324	314	19,410,203	7,524,919	-	150,124,760
142	Manufacture of articles of fur	45,800	-	1,000	5,000	-	51,800
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	3,707,686	32,132	113,399	2,648,928	4,000	6,506,145
152	Manufacture of footwear	3,159,556	10,000	322,441	1,182,834	219,455	4,894,286
161	Sawmilling and planing of wood	15,184,973	34,017	405,656	22,158,135	82,097	37,864,878
162	Manufacture of products of wood, cork, straw and plaiting materials	2,617,890	-	4,160,052	6,172,563	200	12,950,705
170	Manufacture of paper and paper products	4,798,142	335,000	1,483,570	4,253,082	18,547,432	29,417,226
181	Printing and service activities related to printing	16,440,247	4,425	2,055,969	3,235,923	21,562	21,758,126
182	Reproduction of recorded media	2,422,429	-	113,437	123,614	-	2,659,480
192	Manufacture of refined petroleum products	18,981,468	-	-	-	-	18,981,468
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	4,097,350	-	827,673	193,723	-	5,118,746
202	Manufacture of other chemical products	57,446,411	42,260	5,231,223	22,636,237	111,858	85,467,989
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	19,103,882	-	1,588,434	4,421,384	-	25,113,700
221	Manufacture of rubber products	446,575	-	-	83,260	-	529,835
222	Manufacture of plastics products	53,719,287	125,210	3,687,878	18,543,552	9,285,450	85,361,377
231	Manufacture of glass and glass products	1,245,384	-	104,540	3,500	97,540	1,450,964

**Table 35(a) (cont'd): Stocks held at the Beginning by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	At the Beginning					Total
		Materials and supplies	Fuel	Work in progress	Finished products	Goods purchased for resale	
239	Manufacture of non-metallic mineral products n.e.c.	108,535,403	11,491,801	22,056,823	31,631,664	5,458,850	179,174,541
241	Manufacture of basic iron and steel	29,203,009	14,706	4,998,311	26,658,158	4,601,254	65,475,438
242	Manufacture of basic precious and other non-ferrous metals	1,657,113	-	1,192,117	224,578	-	3,073,808
243	Casting of metals	24,100	-	10	21,012	-	45,122
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	3,037,276	4,000	161,300	7,622,000	1,540,650	12,365,226
259	Manufacture of other fabricated metal products; metalworking service activities	8,096,019	1,800	484,864	994,653	6,300	9,583,636
261	Manufacture of electronic components and boards	6,727,055	-	119,143	955,221	-	7,801,419
262	Manufacture of computers and peripheral equipment	15,939	-	-	23,646	-	39,585
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	817,832	-	-	890,000	-	1,707,832
272	Manufacture of batteries and accumulators	17,447,031	-	-	701,875	-	18,148,906
273	Manufacture of wiring and wiring devices	5,264,900	-	-	689,815	-	5,954,715
275	Manufacture of domestic appliances	2,035,738	-	-	806,655	-	2,842,393
279	Manufacture of other electrical equipment	1,681,077	-	877,853	2,401,548	-	4,960,478
281	Manufacture of general-purpose machinery	-	-	-	8,911	-	8,911
282	Manufacture of special-purpose machinery	1,928,065	8,976	321,230	306,360	-	2,564,631
291	Manufacture of motor vehicles	-	-	-	230,350	-	230,350
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	1,229,003	-	-	389,672	-	1,618,675
293	Manufacture of parts and accessories for motor vehicles	7,699,867	-	16,420	23,840	-	7,740,127
301	Building of ships and boats	45,321	-	1,507,754	-	-	1,553,075
302	Manufacture of railway locomotives and rolling stock	205,401	-	38,505	20,100	-	264,006
309	Manufacture of transport equipment n.e.c.	20,803,090	-	-	-	-	20,803,090
310	Manufacture of furniture	24,741,572	9,231	8,063,308	7,932,629	815,472	41,562,212
321	Manufacture of jewellery, bijouterie and related articles	1,414,074	-	3,000	32,170	-	1,449,244
324	Manufacture of games and toys	3,726,051	-	4,867,153	305,141	-	8,898,345
329	Other manufacturing n.e.c.	5,988,587	7,150	97,700	1,260,943	357,011	7,711,391
331	Repair of fabricated metal products, machinery and equipment	1,323,209	-	-	4,900	1,596,909	2,925,018
<b>C</b>	<b>Manufacturing</b>	<b>1,311,123,278</b>	<b>69,411,524</b>	<b>130,980,541</b>	<b>402,503,756</b>	<b>83,740,424</b>	<b>1,997,759,523</b>
351	Electric power generation, transmission and distribution	127,296,182	567,956	-	199,932	2,318,094	130,382,164
352	Manufacture of gas; distribution of gaseous fuels through mains	230,690	-	-	-	-	230,690
<b>D</b>	<b>Electric power generation, transmission and distribution</b>	<b>127,526,872</b>	<b>567,956</b>	<b>-</b>	<b>199,932</b>	<b>2,318,094</b>	<b>130,612,854</b>
360	Water collection, treatment and supply	23,042,609	305,815	262,382	501,903	-	24,112,709
382	Waste treatment and disposal	7,000	-	-	-	-	7,000
383	Materials recovery	466,088	-	-	180,162	-	646,250
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>23,515,697</b>	<b>305,815</b>	<b>262,382</b>	<b>682,065</b>	<b>-</b>	<b>24,765,959</b>
<b>Total</b>		<b>1,917,737,939</b>	<b>80,296,001</b>	<b>315,840,091</b>	<b>461,121,932</b>	<b>86,799,603</b>	<b>2,861,795,566</b>

**Table 35 (b): Stocks held by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	At the End					Total
		Materials and supplies	Fuel	Work in progress	Finished products	Goods purchased for resale	
51	Mining of hard coal	-	-	-	-	-	-
72	Mining of non-ferrous metal ores	397,845,954	12,315,194	131,647,163	41,408,192	25,800	583,242,303
81	Quarrying of stone, sand and clay	10,988,931	1,556,701	2,629,665	21,064,679	289,995	36,529,971
89	Mining and quarrying n.e.c.	14,306,194	283,745	16,563,662	5,186,867	3,791,786	40,132,254
99	Support activities for other mining and quarrying	60,750	75,300	200,000	-	-	336,050
<b>B</b>	<b>Mining and quarrying</b>	<b>423,201,829</b>	<b>14,230,940</b>	<b>151,040,490</b>	<b>67,659,738</b>	<b>4,107,581</b>	<b>660,240,578</b>
101	Processing and preserving of meat	430,033	25,548	27,470	965,161	2,033,630	3,481,842
102	Processing and preserving of fish, crustaceans and molluscs	2,068,985	11,203	17,013	11,324,860	5,096,937	18,518,998
103	Processing and preserving of fruit and vegetables	68,038,144	10,941,998	3,558,371	16,292,963	-	98,831,476
104	Manufacture of vegetable and animal oils and fats	90,889,769	143,199	2,766,390	28,813,330	1,112,526	123,725,214
105	Manufacture of dairy products	1,716,513	50,088	15,900	241,130	1,203,008	3,226,639
106	Manufacture of grain mill products, starches and starch products	67,533,069	550,224	2,171,930	27,305,222	4,966,558	102,527,003
107	Manufacture of other food products	120,670,186	3,393,940	5,787,661	74,886,383	14,815,105	219,553,275
108	Manufacture of prepared animal feeds	12,067,991	15,015	135	2,185,848	6,600	14,275,589
110	Manufacture of beverages	202,370,110	42,894,958	8,854,281	65,783,528	1,647,298	321,550,175
120	Manufacture of tobacco products	113,126,402	211,315	368,825	55,322,562	-	169,029,104
131	Spinning, weaving and finishing of textiles	59,513,329	9,545,255	30,202,507	25,517,252	-	124,778,343
139	Manufacture of other textiles	68,875,243	1,004,520	4,625,536	41,371,514	-	115,876,813
141	Manufacture of wearing apparel, except fur apparel	119,173,015	510	18,787,917	15,701,100	-	153,662,542
142	Manufacture of articles of fur	31,500	-	900	1,500	-	33,900
	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	4,363,957	59,357	382,359	7,002,602	638,089	12,446,364
152	Manufacture of footwear	3,408,361	12,000	38,516	702,078	6,630	4,167,585
161	Sawmilling and planing of wood	19,402,915	36,537	981,240	19,191,198	76,262	39,688,152
162	Manufacture of products of wood, cork, straw and plaiting materials	25,482,090	-	5,736,190	23,427,088	350	54,645,718
170	Manufacture of paper and paper products	4,686,469	1,124,000	1,686,016	1,605,458	15,792,199	24,894,142
181	Printing and service activities related to printing	36,603,021	2,750	2,479,636	3,254,751	11,568	42,351,726
182	Reproduction of recorded media	3,285,690	-	147,097	92,666	-	3,525,453
192	Manufacture of refined petroleum products	20,892,642	-	-	32	-	20,892,674
	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	5,138,823	101,684	2,031,334	210,171	-	7,482,012
202	Manufacture of other chemical products	57,110,224	54,137	5,232,990	26,585,322	-	88,982,673
	Manufacture of pharmaceuticals, medicinal chemical and botanical products	14,472,023	-	1,617,744	6,804,174	-	22,893,941
221	Manufacture of rubber products	560,069	-	-	98,177	-	658,246
222	Manufacture of plastics products	54,449,092	125,220	4,930,147	24,081,742	993,099	84,579,300
231	Manufacture of glass and glass products	1,276,265	-	120,560	5,500	125,014	1,527,339
239	Manufacture of non-metallic mineral products n.e.c.	104,880,693	5,511,045	24,237,438	33,680,391	10,785,686	179,095,253

**Table 35(b) (cont'd): Stocks held by Industrial Activity, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	At the End					Total
		Materials and supplies	Fuel	Work in progress	Finished products	Goods purchased for resale	
241	Manufacture of basic iron and steel	33,318,253	15,145	5,966,011	28,172,747	4,850,479	72,322,635
242	Manufacture of basic precious and other non-ferrous metals	1,523,775	-	832,322	632,400	-	2,988,497
243	Casting of metals	29,120	-	6	27,508	-	56,634
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	4,701,262	71,795	290,313	13,801,095	3,580,663	22,445,128
259	Manufacture of other fabricated metal products; metalworking service activities	7,472,439	-	404,863	1,528,302	11,400	9,417,004
261	Manufacture of electronic components and boards	7,790,924	-	473,716	1,495,163	-	9,759,803
262	Manufacture of computers and peripheral equipment	105,039	-	-	-	-	105,039
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	1,162,252	-	-	239,946	-	1,402,198
272	Manufacture of batteries and accumulators	17,220,509	-	-	560,656	-	17,781,165
273	Manufacture of wiring and wiring devices	6,314,435	-	-	2,360,856	-	8,675,291
275	Manufacture of domestic appliances	1,964,606	-	-	1,510,173	-	3,474,779
279	Manufacture of other electrical equipment	1,420,526	-	330,325	1,867,214	-	3,618,065
281	Manufacture of general-purpose machinery	-	-	-	15,115	-	15,115
282	Manufacture of special-purpose machinery	4,454,161	14,756	577,396	333,110	-	5,379,423
291	Manufacture of motor vehicles	-	-	-	405,850	-	405,850
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	12,838,378	-	-	826,552	-	13,664,930
293	Manufacture of parts and accessories for motor vehicles	8,094,915	-	12,540	29,089	-	8,136,544
301	Building of ships and boats	332,450	-	1,595,140	-	-	1,927,590
302	Manufacture of railway locomotives and rolling stock	207,977	-	32,350	126,630	-	366,957
309	Manufacture of transport equipment n.e.c.	20,933,072	-	-	-	-	20,933,072
310	Manufacture of furniture	28,148,104	25,136	7,116,484	11,334,713	1,556,658	48,181,095
321	Manufacture of jewellery, bijouterie and related articles	1,426,080	-	2,000	46,660	-	1,474,740
324	Manufacture of games and toys	2,139,365	-	3,815,120	415,380	-	6,369,865
329	Other manufacturing n.e.c.	7,000,961	18,250	87,980	1,735,367	701,042	9,543,600
331	Repair of fabricated metal products, machinery and equipment	1,565,680	-	-	7,500	1,420,570	2,993,750
<b>C</b>	<b>Manufacturing</b>	<b>1,452,680,906</b>	<b>75,959,585</b>	<b>148,342,669</b>	<b>579,925,729</b>	<b>71,431,371</b>	<b>2,328,340,260</b>
351	Electric power generation, transmission and distribution	32,292,672	567,605	1,000,494	214,652	932,017	35,007,440
352	Manufacture of gas; distribution of gaseous fuels through mains	170,457	-	-	-	-	170,457
<b>D</b>	<b>Electric power generation, transmission and distribution</b>	<b>32,463,129</b>	<b>567,605</b>	<b>1,000,494</b>	<b>214,652</b>	<b>932,017</b>	<b>35,177,897</b>
360	Water collection, treatment and supply	24,072,514	53,890	339,684	1,132,563	72,836	25,671,487
382	Waste treatment and disposal	8,000	-	-	-	-	8,000
383	Materials recovery	462,680	-	-	225,786	-	688,466
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>24,543,194</b>	<b>53,890</b>	<b>339,684</b>	<b>1,358,349</b>	<b>72,836</b>	<b>26,367,953</b>
<b>Total</b>		<b>1,932,889,058</b>	<b>90,812,020</b>	<b>300,723,337</b>	<b>649,158,468</b>	<b>76,543,805</b>	<b>3,050,126,688</b>

**Table 36: Expenditure on Fixed Assets by Industrial Activity, Tanzania Mainland, ASIP-2015**

(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	Total
51	Mining of hard coal	1,300	-	-	13,529	-	1,228,928	1,817	1,241,940	1,243,757
72	Mining of non-ferrous metal ores	104,978,027	387,334,367	58,982,867	505,827,546	9,606,727	854,418,188	221,052,659	1,700,095,063	1,921,147,722
81	Quarrying of stone, sand and clay	240,015	18,504,371	8,063,525	68,050,781	2,486,694	31,219,063	38,908,886	89,655,563	128,564,449
89	Mining and quarrying n.e.c.	41,440,584	15,782,406	18,217,260	56,577,995	62,667	750,197	2,942,325	129,888,784	132,831,109
99	Support activities for other mining and quarrying	-	8,000	-	25,000	-	-	-	33,000	33,000
<b>B</b>	<b>Mining and Quarrying</b>	<b>146,659,926</b>	<b>421,629,144</b>	<b>85,263,652</b>	<b>630,494,851</b>	<b>12,156,088</b>	<b>887,616,376</b>	<b>262,905,687</b>	<b>1,920,914,350</b>	<b>2,183,820,037</b>
101	Processing and preserving of meat	14,956,745	24,728,993	309,174	12,301,854	32,028	189,314	1,945,722	50,572,386	52,518,108
102	Processing and preserving of fish, crustaceans and molluscs	12,359,997	8,946,272	2,732,979	9,388,288	110,243	1,200,137	1,287,330	33,450,586	34,737,916
103	Processing and preserving of fruit and vegetables	1,509,576	51,428,927	12,867,735	154,033,552	1,272,111	1,051,023	84,772,488	137,390,436	222,162,924
104	Manufacture of vegetable and animal oils and fats	8,429,506	40,746,162	9,271,547	106,575,511	303,247	(1,115,348)	61,249,446	102,961,179	164,210,625
105	Manufacture of dairy products	2,210,810	7,301,953	1,999,431	7,326,014	433,286	139,404	904,089	18,506,809	19,410,898
106	Manufacture of grain mill products, starches and starch products	16,670,475	132,483,271	66,295,994	110,076,738	3,697,462	32,719,720	67,195,247	294,748,413	361,943,660
107	Manufacture of other food products	180,200,016	147,965,718	37,717,171	318,808,457	2,181,923	35,500,815	116,954,749	605,419,351	722,374,100
108	Manufacture of prepared animal feeds	3,426,496	8,481,148	1,434,587	4,712,958	858,317	22,417,273	544,622	40,786,157	41,330,779
110	Manufacture of beverages	66,463,698	143,478,316	38,776,339	618,012,194	7,087,234	102,433,484	151,844,629	824,406,636	976,251,265
120	Manufacture of tobacco products	1,434,602	43,647,045	8,171,165	96,325,232	1,757,340	7,032,661	16,714,905	141,653,140	158,368,045
131	Spinning, weaving and finishing of textiles	1,890,423	16,356,779	2,494,119	117,720,403	43,879	312,396	3,054,969	135,763,030	138,817,999
139	Manufacture of other textiles	15,848,913	66,473,476	3,091,641	118,983,843	832,144	31,589,736	35,235,408	201,584,345	236,819,753
141	Manufacture of wearing apparel, except fur apparel	147,897	3,362,138	330,747	2,350,721	243,566	123,038	1,195,006	5,363,101	6,558,107
142	Manufacture of articles of fur	-	-	1,830	-	-	-	1,300	530	1,830
	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	716,343	1,696,658	807,689	2,991,561	21,221	38,908	4,777	6,267,603	6,272,380
152	Manufacture of footwear	438,407	6,798,205	225,313	3,322,828	84,914	45,878	2,246,950	8,668,595	10,915,545
161	Sawmilling and planing of wood	3,754,066	48,565,240	4,231,001	64,272,399	3,714,845	3,477,658	15,170,210	112,844,999	128,015,209
162	Manufacture of products of wood, cork, straw and plaiting materials	2,649,716	23,787,046	8,967,593	125,102,830	4,323,837	33,247,732	45,657,816	152,420,938	198,078,754
170	Manufacture of paper and paper products	604,152	4,923,379	716,835	21,728,847	224,574	672,287	3,906,161	24,963,913	28,870,074

**Table 36 (cont'd): Expenditure on Fixed Assets by Industrial Activity, Tanzania Mainland, ASIP-2015**

(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	Total
181	Printing and service activities related to printing	11,191,916	14,617,706	2,450,702	24,189,359	1,727,852	4,243,889	5,742,059	52,679,365	58,421,424
182	Reproduction of recorded media	12,000	35,835	158,699	1,239,058	15,030	58,864	359,993	1,159,493	1,519,486
192	Manufacture of refined petroleum products	330,651	142,640	417,178	9,153,586	13,413	672,734	3,729,319	7,000,883	10,730,202
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	412,037	6,673,125	2,968,877	21,541,021	305,961	3,162,363	2,658,519	32,404,865	35,063,384
202	Manufacture of other chemical products	647,994	65,114,047	5,160,564	82,864,951	2,229,084	2,707,285	23,093,712	135,630,213	158,723,925
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	10,161,320	8,638,479	166,479	7,230,209	659,313	38,571	928,099	25,966,272	26,894,371
221	Manufacture of rubber products	-	-	149,970	637,712	9,202	7,733	10,782	793,835	804,617
222	Manufacture of plastics products	11,866,189	38,871,245	3,373,396	84,802,205	344,723	7,508,416	13,023,549	133,742,625	146,766,174
231	Manufacture of glass and glass products	270,000	23,063,567	4,104,778	76,170,345	18,573	62,600	15,167,099	88,522,764	103,689,863
239	Manufacture of non-metallic mineral products n.e.c.	68,398,014	844,925,561	13,228,728	238,594,723	446,406	114,925,078	328,647,916	951,870,594	1,280,518,510
241	Manufacture of basic iron and steel	23,616,495	59,529,944	7,092,856	46,262,151	209,046	1,032,771	8,502,523	129,240,740	137,743,263
242	Manufacture of basic precious and other non-ferrous metals	696,395	320,000	197,327	536,968	27,928	83,850	329,989	1,532,479	1,862,468
243	Casting of metals	9,500	3,800	-	21,200	-	-	-	34,500	34,500
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	22,808,792	25,401,659	2,070,349	30,681,614	737,933	919,443	12,321,284	70,298,506	82,619,790
259	Manufacture of other fabricated metal products; metalworking service activities	525,558	3,231,435	187,514	7,804,874	31,247	125,569	334,041	11,572,156	11,906,197
261	Manufacture of electronic components and boards	5,561,400	1,745,796	57,544	6,983,270	38,788	-	1,467,117	12,919,681	14,386,798
262	Manufacture of computers and peripheral equipment	-	784,712	70,788	1,607,448	7,625	8,155	807,712	1,671,016	2,478,728
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	234,345	413,765	229,514	1,037,963	58,709	-	-	1,974,296	1,974,296
272	Manufacture of batteries and accumulators	-	377,206	42,671	1,434,668	-	36,404	412,088	1,478,861	1,890,949
273	Manufacture of wiring and wiring devices	-	2,239,004	158,240	1,674,961	9,939	145,065	1,302,608	2,924,601	4,227,209

**Table 36 (cont'd): Expenditure on Fixed Assets by Industrial Activity, Tanzania Mainland, ASIP-2015**

(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	Total
275	Manufacture of domestic appliances	250,000	3,343,085	780,899	1,506,606	18,499	87,014	1,331,701	4,654,402	5,986,103
279	Manufacture of other electrical equipment	-	14,262,125	127,692	4,749,706	-	99,372	102,947	19,135,948	19,238,895
281	Manufacture of general-purpose machinery	-	12,242	-	4,237	-	511	-	16,990	16,990
282	Manufacture of special-purpose machinery	6,925,412	3,343,825	782,907	2,140,156	574,209	175,611	4,671,079	9,271,041	13,942,120
291	Manufacture of motor vehicles	-	-	24,000	152,000	2,625	19,600	-	198,225	198,225
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	67,400	504,291	362,999	1,288,839	39,079	10,081	55,504	2,217,185	2,272,689
293	Manufacture of parts and accessories for motor vehicles	9,057,000	23,411,759	180,269	4,056,593	96,775	34,630	15,171,551	21,665,475	36,837,026
301	Building of ships and boats	-	75,340	193,000	276,383	-	2,843	489,806	57,760	547,566
302	Manufacture of railway locomotives and rolling stock	-	-	105,087	457,242	14,771	110,100	169,151	518,049	687,200
309	Manufacture of transport equipment n.e.c.	168,782	6,452,727	1,132,393	463,283	593,968	351,476	594,876	8,567,753	9,162,629
310	Manufacture of furniture	19,164,690	20,967,789	2,637,244	20,333,931	438,066	1,126,097	17,834,614	46,833,203	64,667,817
321	Manufacture of jewellery, bijouterie and related articles	10,000	28,050	-	85,045	-	10,748	-	133,843	133,843
324	Manufacture of games and toys	155,317	10,528,677	307,040	4,702,388	-	8,796	-	15,702,218	15,702,218
329	Other manufacturing n.e.c.	2,814,281	3,197,087	643,782	12,218,240	93,290	436,857	2,858,052	16,545,485	19,403,537
331	Repair of fabricated metal products, machinery and equipment	48,150	1,153,651	413,461	351,739	33,955	48,923	234,403	1,815,476	2,049,879
<b>C</b>	<b>Manufacturing</b>	<b>529,115,476</b>	<b>1,964,580,900</b>	<b>250,419,837</b>	<b>2,591,288,904</b>	<b>36,018,180</b>	<b>409,337,565</b>	<b>1,072,237,917</b>	<b>4,708,522,945</b>	<b>5,780,760,862</b>
351	Electric power generation, transmission and distribution	519,608,978	133,837,938	10,767,633	1,667,291,427	2,132,511	15,199,048	139,862,114	2,208,975,421	2,348,837,535
352	Manufacture of gas; distribution of gaseous fuels through mains	100	951,599	14,542	603,977	17,290	-	8,504	1,579,004	1,587,508
<b>D</b>	<b>Electric power generation, transmission and distribution</b>	<b>519,609,078</b>	<b>134,789,537</b>	<b>10,782,175</b>	<b>1,667,895,404</b>	<b>2,149,801</b>	<b>15,199,048</b>	<b>139,870,618</b>	<b>2,210,554,425</b>	<b>2,350,425,043</b>
360	Water collection, treatment and supply	43,844,043	84,220,179	12,976,802	178,541,990	1,378,814	143,877,208	56,488,572	408,350,464	464,839,036
382	Waste treatment and disposal	350,000	200,000	300,000	-	-	-	-	850,000	850,000
383	Materials recovery	-	360,974	45,734	743,403	258,120	47,251	566,790	888,692	1,455,482
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>44,194,043</b>	<b>84,781,153</b>	<b>13,322,536</b>	<b>179,285,393</b>	<b>1,636,934</b>	<b>143,924,459</b>	<b>57,055,362</b>	<b>410,089,156</b>	<b>467,144,518</b>
<b>Total</b>		<b>1,239,578,523</b>	<b>2,605,780,734</b>	<b>359,788,200</b>	<b>5,068,964,552</b>	<b>51,961,003</b>	<b>1,456,077,448</b>	<b>1,532,069,584</b>	<b>9,250,080,876</b>	<b>10,782,150,460</b>

**Table 37: Number of Establishments by Industrial Activity and Region, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Arusha	Dar es Salaam	Kilimanjaro	Singida	Manyara	Mara	Mbeya	Morogoro	Mwanza	Others	Total
51	Mining of hard coal	-	-	-	-	-	-	1	-	-	-	1
72	Mining of non-ferrous metal ores	-	-	-	22	1	4	9	-	-	9	45
81	Quarrying of stone, sand and clay	-	-	1	-	-	-	4	-	-	12	17
89	Mining and quarrying n.e.c.	-	1	1	-	269	29	3	3	-	14	320
99	Support activities for other mining and quarrying	-	-	-	-	-	1	-	-	-	-	1
<b>B</b>	<b>Mining and quarrying</b>	-	<b>1</b>	<b>2</b>	<b>22</b>	<b>270</b>	<b>34</b>	<b>17</b>	<b>3</b>	-	<b>35</b>	<b>384</b>
101	Processing and preserving of meat	2	-	-	-	-	-	-	-	3	6	11
102	Processing and preserving of fish, crustaceans and molluscs	-	4	-	-	-	2	-	-	7	6	19
103	Processing and preserving of fruit and vegetables	1	5	-	-	-	-	-	1	-	13	20
104	Manufacture of vegetable and animal oils and fats	3	4	1	39	26	1	4	2	2	49	131
105	Manufacture of dairy products	2	2	3	-	2	4	1	1	-	9	24
106	Manufacture of grain mill products, starches and starch products	10	38	2	8	16	6	16	129	6	102	333
107	Manufacture of other food products	10	33	9	2	12	9	12	10	5	91	193
108	Manufacture of prepared animal feeds	4	3	1	-	-	1	1	3	-	7	20
110	Manufacture of beverages	12	18	10	-	-	-	7	3	5	16	71
120	Manufacture of tobacco products	-	2	-	-	-	-	-	2	-	-	4
131	Spinning, weaving and finishing of textiles	1	4	2	-	-	2	1	2	1	3	16
139	Manufacture of other textiles	2	16	-	-	1	-	1	3	3	8	34
141	Manufacture of wearing apparel, except fur apparel	-	5	-	-	-	1	1	2	-	3	12
142	Manufacture of articles of fur	-	-	-	-	-	1	-	-	-	-	1
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	1	4	3	-	-	1	-	1	1	2	13
152	Manufacture of footwear	1	10	1	-	-	1	-	-	1	-	14
161	Sawmilling and planing of wood	17	10	47	1	-	-	-	4	8	22	109
162	Manufacture of products of wood, cork, straw and plaiting materials	1	7	1	-	-	1	-	-	-	9	19
170	Manufacture of paper and paper products	1	8	1	-	-	-	-	-	1	3	14
181	Printing and service activities related to printing	5	34	3	-	-	1	-	2	-	10	55
182	Reproduction of recorded media	-	2	-	-	1	-	-	-	-	-	3
192	Manufacture of refined petroleum products	-	3	-	-	-	-	-	-	-	1	4
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	1	5	1	-	-	-	-	-	1	-	8
202	Manufacture of other chemical products	-	17	-	-	1	3	6	-	-	20	47
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	-	4	-	-	-	-	-	-	1	-	5
221	Manufacture of rubber products	1	2	-	-	-	-	-	-	-	-	3
222	Manufacture of plastics products	4	34	1	-	-	-	-	2	4	7	52
231	Manufacture of glass and glass products	1	5	-	-	-	-	-	-	-	2	8
239	Manufacture of non-metallic mineral products n.e.c.	18	59	6	4	5	9	2	21	11	73	208



**Table 37 (cont'd): Number of Establishments by Industrial Activity and Region, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Arusha	Dar es Salaam	Kilima njaro	Singida	Manyara	Mara	Mbeya	Morogoro	Mwanza	Others	Total
241	Manufacture of basic iron and steel	1	21	1	-	-	-	3	2	4	5	37
242	Manufacture of basic precious and other non-ferrous metals	1	2	-	-	-	-	1	-	-	1	5
243	Casting of metals	-	-	-	-	-	-	-	1	-	4	5
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	4	17	1	-	2	1	-	2	-	9	36
259	Manufacture of other fabricated metal products; metalworking service activities	4	15	1	-	-	2	-	6	3	2	33
261	Manufacture of electronic components and boards	1	-	-	-	-	-	-	-	-	-	1
262	Manufacture of computers and peripheral equipment	-	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	2	2	-	-	-	-	1	-	-	1	6
279	Manufacture of other electrical equipment	-	1	-	-	-	-	-	-	-	-	1
281	Manufacture of general-purpose machinery	-	1	-	-	-	-	-	-	-	-	1
282	Manufacture of special-purpose machinery	4	2	2	-	-	-	1	1	1	3	14
291	Manufacture of motor vehicles	1	-	-	-	-	-	-	-	-	-	1
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	1	4	-	-	1	-	-	-	-	-	6
293	Manufacture of parts and accessories for motor vehicles	-	3	-	-	-	-	-	-	1	1	5
301	Building of ships and boats	-	-	-	-	-	-	-	-	1	-	1
302	Manufacture of railway locomotives and rolling stock	-	1	-	-	-	-	-	-	-	-	1
309	Manufacture of transport equipment n.e.c.	-	1	-	-	-	-	-	-	-	-	1
310	Manufacture of furniture	17	72	1	8	3	6	5	32	8	46	198
321	Manufacture of jewellery, bijouterie and related articles	3	16	-	-	-	1	-	-	-	-	20
324	Manufacture of games and toys	-	2	-	-	-	-	-	-	-	-	2
329	Other manufacturing n.e.c.	1	16	-	1	-	1	-	-	-	2	21
331	Repair of fabricated metal products, machinery and equipment	1	7	-	-	-	-	1	-	1	1	11
<b>C</b>	<b>Manufacturing</b>	<b>140</b>	<b>527</b>	<b>98</b>	<b>63</b>	<b>70</b>	<b>54</b>	<b>64</b>	<b>232</b>	<b>79</b>	<b>537</b>	<b>1,864</b>
351	Electric power generation, transmission and distribution	1	2	1	1	1	1	2	1	2	18	30
352	Manufacture of gas; distribution of gaseous fuels through mains	-	-	-	-	-	-	-	-	1	-	1
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>18</b>	<b>31</b>
360	Water collection, treatment and supply	3	3	13	5	11	2	6	3	2	59	107
382	Waste treatment and disposal	-	1	-	-	-	-	-	-	-	-	1
383	Materials recovery	-	1	1	-	-	-	-	-	-	-	2
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>3</b>	<b>5</b>	<b>14</b>	<b>5</b>	<b>11</b>	<b>2</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>59</b>	<b>110</b>
<b>Total</b>		<b>144</b>	<b>535</b>	<b>115</b>	<b>91</b>	<b>352</b>	<b>91</b>	<b>89</b>	<b>239</b>	<b>84</b>	<b>649</b>	<b>2,389</b>

**Table 38: Number of Establishments, Employees, Total Persons Engaged, Total Labour Cost, Gross Output, Intermediate Consumption and Value Added by Region, Tanzania Mainland, ASIP-2015**

Region	(Number)			(TZS 000)			
	Number of establishments	Employees	Total Persons Engaged	Total Labour Costs	Gross Output	Intermediate Consumption	Value Added
Dodoma	50	1,600	2,199	11,483,426	259,506,123	184,080,201	75,425,922
Arusha	144	10,068	13,576	74,430,990	1,268,809,812	670,255,778	598,554,034
Kilimanjaro	115	8,153	11,557	77,790,403	702,478,155	324,823,461	377,654,694
Tanga	58	3,783	7,046	21,677,757	708,222,582	439,933,734	268,288,848
Morogoro	239	22,752	23,978	98,456,457	867,365,904	593,391,767	273,974,137
Pwani	64	6,004	7,140	35,180,925	781,204,885	397,973,453	383,231,432
Dar es Salaam	535	39,367	51,664	548,538,470	8,395,370,691	4,762,471,168	3,632,899,523
Lindi	20	594	764	2,275,306	30,633,666	22,102,973	8,530,693
Mtwara	26	2,010	2,832	9,820,713	90,236,982	48,917,692	41,319,290
Ruvuma	28	1,305	1,730	5,978,853	61,344,505	24,610,805	36,733,700
Iringa	34	4,384	4,910	21,537,985	282,245,684	160,122,182	122,123,502
Mbeya	89	4,744	6,075	61,705,206	618,571,185	317,813,912	300,757,273
Singida	91	2,307	3,533	38,614,992	54,058,004	26,503,571	27,554,433
Tabora	13	650	710	14,980,803	271,501,878	184,631,990	86,869,888
Rukwa	41	752	1,616	3,864,850	99,196,191	32,342,796	66,853,395
Kigoma	75	1,290	2,342	21,390,558	72,887,726	26,289,271	46,598,455
Shinyanga	65	7,485	8,118	250,017,400	1,668,464,316	693,127,972	975,336,344
Kagera	49	6,077	7,081	18,131,488	131,111,527	69,042,522	62,069,005
Mwanza	84	6,225	8,761	69,280,538	1,082,664,742	684,128,710	398,536,032
Mara	91	4,262	7,063	32,425,583	1,056,098,210	203,837,517	852,260,693
Manyara	352	11,900	20,716	30,538,841	150,455,434	84,318,118	66,137,316
Njombe	12	2,055	2,106	3,898,379	51,387,873	34,761,932	16,625,941
Katavi	23	209	941	1,186,207	7,085,634	2,469,694	4,615,940
Simiyu	54	1,308	1,820	3,087,586	45,345,512	27,965,886	17,379,626
Geita	16	1,984	2,332	135,275,935	1,122,233,976	200,070,441	922,163,535
Songwe	21	542	742	2,378,674	15,578,491	10,497,391	5,081,100
<b>Total</b>	<b>2,389</b>	<b>151,810</b>	<b>201,352</b>	<b>1,593,948,325</b>	<b>19,894,059,688</b>	<b>10,226,484,937</b>	<b>9,667,574,751</b>

**Table 39: Number of Persons Engaged in Industry by Ownership, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Public			Private		
		Employees	Other	Total Persons Engaged	Employees	Other	Total Persons Engaged
5	Mining of coal and lignite	-	-	-	77	-	77
7	Mining of metal ores	336	-	336	8,693	498	9,191
8	Other mining and quarrying	203	141	344	11,311	9,624	20,935
9	Mining support service activities	-	-	-	21	-	21
<b>B</b>	<b>Mining and quarrying</b>	<b>539</b>	<b>141</b>	<b>680</b>	<b>20,102</b>	<b>10,122</b>	<b>30,224</b>
10	Manufacture of food products	1,000	201	1,201	46,614	15,181	61,795
11	Manufacture of beverages	284	23	307	8,027	4,675	12,702
12	Manufacture of tobacco products	-	-	-	5,829	34	5,863
13	Manufacture of textiles	-	-	-	11,017	891	11,908
14	Manufacture of wearing apparel	-	-	-	2,659	90	2,749
15	Manufacture of leather and related products	52	80	132	1,300	115	1,415
	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	186	121	307	2,545	2,107	4,652
16	Manufacture of paper and paper products	34	7	41	2,413	210	2,623
17	Printing and reproduction of recorded media	61	14	75	2,498	488	2,986
18	Manufacture of coke and refined petroleum products	-	-	-	264	29	293
19	Manufacture of chemicals and chemical products	15	-	15	4,861	2,690	7,551
20	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	-	-	682	138	820
21	Manufacture of rubber and plastics products	-	-	-	3,835	1,406	5,241
22	Manufacture of other non-metallic mineral products	340	160	500	5,305	3,250	8,555
23	Manufacture of basic metals	63	31	94	2,196	1,217	3,413
24	Manufacture of fabricated metal products, except machinery and equipment	34	13	47	1,630	534	2,164
25	Manufacture of computer, electronic and optical products	-	-	-	156	1	157
26	Manufacture of electrical equipment	116	-	116	805	523	1,328
27	Manufacture of machinery and equipment n.e.c.	200	27	227	247	46	293
28	Manufacture of motor vehicles, trailers and semi-trailers	510	-	510	365	55	420
29	Manufacture of other transport equipment	-	-	-	721	237	958
30	Manufacture of furniture	322	17	339	4,889	1,821	6,710
31	Other manufacturing	-	-	-	3,784	467	4,251
32	Repair and installation of machinery and equipment	-	-	-	373	23	396
<b>C</b>	<b>Manufacturing</b>	<b>3,217</b>	<b>694</b>	<b>3,911</b>	<b>113,015</b>	<b>36,228</b>	<b>149,243</b>
33	Electricity, gas, steam and air conditioning supply	2,440	1,226	3,666	290	29	319
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>2,440</b>	<b>1,226</b>	<b>3,666</b>	<b>290</b>	<b>29</b>	<b>319</b>
34	Water collection, treatment and supply	3,975	576	4,551	4,293	47	4,340
35	Waste collection, treatment and disposal activities; materials recovery	-	-	-	103	30	133
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>3,975</b>	<b>576</b>	<b>4,551</b>	<b>4,396</b>	<b>77</b>	<b>4,473</b>
<b>Total</b>		<b>10,171</b>	<b>2,637</b>	<b>12,808</b>	<b>137,803</b>	<b>46,456</b>	<b>184,259</b>

**Table 40: Total Labour Costs in Industry by Ownership, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Public					Private				
		Wages and Salaries	Pension Funds	Payment in Kind	Other	Total Labour Costs	Wages and Salaries	Pension Funds	Payment in Kind	Other	Total Labour Costs
5	Mining of coal and lignite	-	-	-	-	-	296,497	29,650	48,000	-	374,147
7	Mining of metal ores	1,704,813	2,011,554	1,588,242	8,339,248	13,643,857	65,961,597	39,625,135	38,813,465	153,360,780	297,760,977
8	Other mining and quarrying	648,341	104,220	269,069	238,328	1,259,958	93,341,456	2,328,330	15,590,839	5,285,004	116,545,629
9	Mining support service activities	-	-	-	-	-	49,320	-	2,412	800	52,532
<b>B</b>	<b>Mining and quarrying</b>	<b>2,353,154</b>	<b>2,115,774</b>	<b>1,857,311</b>	<b>8,577,576</b>	<b>14,903,815</b>	<b>159,648,870</b>	<b>41,983,115</b>	<b>54,454,716</b>	<b>158,646,584</b>	<b>414,733,285</b>
10	Manufacture of food products	1,951,160	76,545	24,514	159,155	2,211,374	149,955,646	11,516,220	11,803,294	48,188,172	221,463,332
11	Manufacture of beverages	605,978	52,393	600	63,604	722,575	91,407,961	15,329,444	12,261,481	19,892,819	138,891,705
12	Manufacture of tobacco products	-	-	-	-	-	39,837,684	6,845,040	7,297,009	7,542,796	61,522,529
13	Manufacture of textiles	-	-	-	-	-	23,490,243	2,327,744	1,237,721	2,037,753	29,093,461
14	Manufacture of wearing apparel	-	-	-	-	-	89,485,515	7,146,047	141,298	2,589,168	99,362,028
15	Manufacture of leather and related products	175,500	1,053	5,000	5,000	186,553	3,203,235	612,958	113,604	1,066,563	4,996,360
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	256,470	11,538	5,450	23,234	296,692	21,984,051	740,081	1,378,247	1,181,767	25,284,146
17	Manufacture of paper and paper products	70,106	-	4,838	1,523	76,467	8,927,813	587,699	743,220	1,923,953	12,182,685
18	Printing and reproduction of recorded media	613,621	14,548	2,640	16,517	647,326	97,030,511	2,193,273	3,018,694	9,863,455	112,105,933
19	Manufacture of coke and refined petroleum products	-	-	-	-	-	1,285,996	128,146	64,038	115,859	1,594,039
20	Manufacture of chemicals and chemical products	960	-	-	960	1,920	25,367,590	2,588,750	2,323,983	3,560,897	33,841,220
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	-	-	-	-	4,841,881	267,148	522,593	1,098,575	6,730,197
22	Manufacture of rubber and plastics products	-	-	-	-	-	17,990,368	1,389,938	1,406,147	2,343,969	23,130,422
23	Manufacture of other non-metallic mineral products	1,074,844	89,264	119,283	76,877	1,360,268	40,200,288	1,788,318	2,412,445	3,960,987	48,362,038

**Table 40 (Cont'd): Total Labour Costs in Industry by Ownership, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Public					Private				
		Wages and Salaries	Pension Funds	Payment in Kind	Other	Total Labour Costs	Wages and Salaries	Pension Funds	Payment in Kind	Other	Total Labour Costs
24	Manufacture of basic metals	212,520	5,934	36,596	10,120	265,170	6,382,850	641,869	445,961	1,288,881	8,759,561
25	Manufacture of fabricated metal products, except machinery and equipment	80,352	32,934	-	8,947	122,233	5,740,229	958,224	884,790	2,503,613	10,086,856
26	Manufacture of computer, electronic and optical products	-	-	-	-	-	2,381,704	390,005	223,988	68,738	3,064,435
27	Manufacture of electrical equipment	237,500	-	-	-	237,500	5,112,565	439,124	474,648	1,160,959	7,187,296
28	Manufacture of machinery and equipment n.e.c.	1,782,809	239,858	225,706	124,918	2,373,291	947,236	567,604	593,204	52,894	2,160,938
29	Manufacture of motor vehicles, trailers and semi-trailers	2,886,279	-	26,028	7,787	2,920,094	1,125,431	92,488	307,395	282,657	1,807,971
30	Manufacture of other transport equipment	-	-	-	-	-	1,624,735	153,313	949,473	819,093	3,546,614
31	Manufacture of furniture	1,549,493	156,439	136,831	176,822	2,019,585	14,321,901	998,963	899,783	2,271,412	18,492,059
32	Other manufacturing	-	-	-	-	-	6,178,853	507,845	166,699	410,070	7,263,467
33	Repair and installation of machinery and equipment	-	-	-	-	-	12,953,075	108,919	81,584	173,679	13,317,257
<b>C</b>	<b>Manufacturing</b>	<b>11,497,592</b>	<b>680,506</b>	<b>587,486</b>	<b>675,464</b>	<b>13,441,048</b>	<b>671,777,361</b>	<b>58,319,160</b>	<b>49,751,299</b>	<b>114,398,729</b>	<b>894,246,549</b>
35	Electricity, gas, steam and air conditioning supply	53,887,261	21,917,399	2,828,418	8,006,935	86,640,013	1,201,845	151,311	206,351	323,889	1,883,396
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>53,887,261</b>	<b>21,917,399</b>	<b>2,828,418</b>	<b>8,006,935</b>	<b>86,640,013</b>	<b>1,201,845</b>	<b>151,311</b>	<b>206,351</b>	<b>323,889</b>	<b>1,883,396</b>
36	Water collection, treatment and supply	22,556,261	3,372,311	3,070,877	36,988,808	65,988,257	5,768,083	847,689	977,389	184,380	7,777,541
38	Waste collection, treatment and disposal activities; materials recovery	-	-	-	-	-	171,062	2,716	11,645	80,593	266,016
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>22,556,261</b>	<b>3,372,311</b>	<b>3,070,877</b>	<b>36,988,808</b>	<b>65,988,257</b>	<b>5,939,145</b>	<b>850,405</b>	<b>989,034</b>	<b>264,973</b>	<b>8,043,557</b>
<b>Total</b>		<b>90,294,268</b>	<b>28,085,990</b>	<b>8,344,092</b>	<b>54,248,783</b>	<b>180,973,133</b>	<b>838,567,221</b>	<b>101,303,991</b>	<b>105,401,400</b>	<b>273,634,175</b>	<b>1,318,906,787</b>

**Table 41: Number of Establishments, Gross Output, Production Cost and Value Added in Industry by Ownership, Tanzania Mainland, ASIP-2015**

Industrial Activity	Public				Private			
	Number of Establishments	Gross Output (TZS '000')	Intermediate Consumption (TZS '000')	Value Added (TZS '000')	Number of Establishments	Gross Output (TZS '000')	Intermediate Consumption (TZS '000')	Value Added (TZS '000')
Mining of coal and lignite	-	-	-	-	1	2,089,670	1,696,932	392,738
Mining of metal ores	1	123,653,733	31,605,435	92,048,298	44	2,783,302,006	644,078,886	2,139,223,120
Other mining and quarrying	7	2,421,075	1,018,642	1,402,433	328	658,509,699	179,920,206	478,589,493
Mining support service activities	-	-	-	-	1	6,280,000	2,064,000	4,216,000
<b>Mining and Quarrying</b>	<b>8</b>	<b>126,074,808</b>	<b>32,624,077</b>	<b>93,450,731</b>	<b>374</b>	<b>3,450,181,375</b>	<b>827,760,024</b>	<b>2,622,421,351</b>
Manufacture of food products	30	50,362,959	33,830,388	16,532,571	714	3,925,385,962	2,745,397,425	1,179,988,537
Manufacture of beverages	1	1,023,473	252,161	771,312	68	1,761,678,551	795,302,869	966,375,682
Manufacture of tobacco products	-	-	-	-	4	649,877,741	195,187,955	454,689,786
Manufacture of textiles	-	-	-	-	49	554,217,222	351,427,507	202,789,715
Manufacture of wearing apparel	-	-	-	-	13	411,661,397	96,303,469	315,357,928
Manufacture of leather and related products	1	276,290	80,409	195,881	25	50,441,507	34,925,786	15,515,721
Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	7	7,333,599	6,597,831	735,768	120	347,900,646	182,701,728	165,198,918
Manufacture of paper and paper products	1	78,373	25,538	52,835	13	105,836,050	84,272,905	21,563,145
Printing and reproduction of recorded media	3	16,804,397	2,253,613	14,550,784	54	212,428,771	98,537,638	113,891,133
Manufacture of coke and refined petroleum products	-	-	-	-	4	56,862,997	49,599,034	7,263,963
Manufacture of chemicals and chemical products	1	4,666	2,524	2,142	53	634,742,769	373,193,191	261,549,578
Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	-	-	-	4	66,945,640	36,501,713	30,443,927
Manufacture of rubber and plastics products	-	-	-	-	55	538,599,328	299,471,217	239,128,111
Manufacture of other non-metallic mineral products	11	13,183,291	8,318,504	4,864,787	201	524,339,973	249,531,023	274,808,950
Manufacture of basic metals	3	1,378,515	668,367	710,148	43	250,516,108	163,484,174	87,031,934
Manufacture of fabricated metal products, except machinery and equipment	2	1,782,618	888,342	894,276	67	294,496,655	112,097,625	182,399,030
Manufacture of computer, electronic and optical products	-	-	-	-	2	12,541,386	6,636,149	5,905,237
Manufacture of electrical equipment	1	790,000	550,310	239,690	12	95,024,117	59,541,961	35,482,156
Manufacture of machinery and equipment n.e.c.	7	10,772,928	7,174,490	3,598,438	8	20,706,982	16,874,418	3,832,564
Manufacture of motor vehicles, trailers and semi-trailers	1	3,640,786	574,688	3,066,098	11	32,640,610	10,841,146	21,799,464
Manufacture of other transport equipment	-	-	-	-	3	70,560,366	51,845,250	18,715,116
Manufacture of furniture	3	5,861,238	1,838,094	4,023,144	193	418,269,286	215,523,928	202,745,358
Other manufacturing	-	-	-	-	42	89,576,679	69,559,886	20,016,793
Repair and installation of machinery and equipment	-	-	-	-	11	24,593,448	3,432,746	21,160,702
<b>Manufacturing</b>	<b>72</b>	<b>113,293,133</b>	<b>63,055,259</b>	<b>50,237,874</b>	<b>1,769</b>	<b>11,149,844,191</b>	<b>6,302,190,743</b>	<b>4,847,653,448</b>
Electricity, gas, steam and air conditioning supply	14	826,726,132	546,993,295	279,732,837	17	2,545,145,593	1,695,146,493	849,999,100
<b>Electricity, gas, steam and air conditioning supply</b>	<b>14</b>	<b>826,726,132</b>	<b>546,993,295</b>	<b>279,732,837</b>	<b>17</b>	<b>2,545,145,593</b>	<b>1,695,146,493</b>	<b>849,999,100</b>
Water collection, treatment and supply	90	204,236,903	65,059,484	139,177,419	16	61,986,177	28,792,817	33,193,360
Waste collection, treatment and disposal activities; materials recovery	-	-	-	-	3	2,799,702	1,643,594	1,156,108
<b>Water collection, treatment and supply</b>	<b>90</b>	<b>204,236,903</b>	<b>65,059,484</b>	<b>139,177,419</b>	<b>19</b>	<b>64,785,879</b>	<b>30,436,411</b>	<b>34,349,468</b>
<b>Total</b>	<b>184</b>	<b>1,270,330,976</b>	<b>707,732,115</b>	<b>562,598,861</b>	<b>2,179</b>	<b>17,209,957,038</b>	<b>8,855,533,671</b>	<b>8,354,423,367</b>

**Table 42: Number of Establishments in Industry by Size of Establishment, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
51	Mining of hard coal	-	-	1	-	-	1
72	Mining of non-ferrous metal ores	16	17	3	5	4	45
81	Quarrying of stone, sand and clay	5	8	1	3	-	17
89	Mining and quarrying n.e.c.	100	176	27	15	2	320
99	Support activities for other mining and quarrying	-	1	-	-	-	1
<b>B</b>	<b>Mining and quarrying</b>	<b>121</b>	<b>202</b>	<b>32</b>	<b>23</b>	<b>6</b>	<b>384</b>
101	Processing and preserving of meat	1	6	2	2	-	11
102	Processing and preserving of fish, crustaceans and molluscs	5	2	2	9	1	19
103	Processing and preserving of fruit and vegetables	7	6	2	4	1	20
104	Manufacture of vegetable and animal oils and fats	84	31	10	6	-	131
105	Manufacture of dairy products	17	4	2	1	-	24
106	Manufacture of grain mill products, starches and starch products	263	53	8	5	4	333
107	Manufacture of other food products	99	36	21	28	9	193
108	Manufacture of prepared animal feeds	11	3	2	4	-	20
110	Manufacture of beverages	23	21	11	12	4	71
120	Manufacture of tobacco products	-	-	-	2	2	4
131	Spinning, weaving and finishing of textiles	4	4	2	3	3	16
139	Manufacture of other textiles	17	3	4	7	3	34
141	Manufacture of wearing apparel, except fur apparel	7	3	-	1	1	12
142	Manufacture of articles of fur	1	-	-	-	-	1
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	3	5	4	1	-	13
152	Manufacture of footwear	3	5	3	3	-	14
161	Sawmilling and planing of wood	69	34	4	2	-	109
162	Manufacture of products of wood, cork, straw and plaiting materials	9	7	1	2	-	19
170	Manufacture of paper and paper products	4	2	3	4	1	14
181	Printing and service activities related to printing	25	15	8	7	-	55
182	Reproduction of recorded media	1	1	1	-	-	3
192	Manufacture of refined petroleum products	-	2	1	1	-	4
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	2	3	2	1	-	8
202	Manufacture of other chemical products	19	9	8	9	2	47
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	-	1	2	2	-	5
221	Manufacture of rubber products	1	-	2	-	-	3
222	Manufacture of plastics products	7	16	16	13	-	52
231	Manufacture of glass and glass products	4	1	2	-	1	8
239	Manufacture of non-metallic mineral products n.e.c.	142	40	14	12	-	208
241	Manufacture of basic iron and steel	14	14	3	6	-	37

**Table 42(Cont'd): Number of Establishments in Industry by Size of Establishment, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
242	Manufacture of basic precious and other non-ferrous metals	2	2	-	1	-	5
243	Casting of metals	5	-	-	-	-	5
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	25	6	2	3	-	36
259	Manufacture of other fabricated metal products; metalworking service activities	23	7	2	1	-	33
261	Manufacture of electronic components and boards	-	-	-	1	-	1
262	Manufacture of computers and peripheral equipment	-	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	1	1	1	1	-	4
275	Manufacture of domestic appliances	3	-	1	2	-	6
279	Manufacture of other electrical equipment	-	-	1	-	-	1
281	Manufacture of general-purpose machinery	1	-	-	-	-	1
282	Manufacture of special-purpose machinery	8	4	-	2	-	14
291	Manufacture of motor vehicles	1	-	-	-	-	1
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	2	2	2	-	-	6
293	Manufacture of parts and accessories for motor vehicles	1	1	2	-	1	5
301	Building of ships and boats	-	-	1	-	-	1
302	Manufacture of railway locomotives and rolling stock	-	-	-	1	-	1
309	Manufacture of transport equipment n.e.c.	-	-	-	1	-	1
310	Manufacture of furniture	147	35	7	8	1	198
321	Manufacture of jewellery, bijouterie and related articles	17	3	-	-	-	20
324	Manufacture of games and toys	-	1	-	-	1	2
329	Other manufacturing n.e.c.	3	9	3	6	-	21
331	Repair of fabricated metal products, machinery and equipment	4	5	1	1	-	11
<b>C</b>	<b>Manufacturing</b>	<b>1,085</b>	<b>405</b>	<b>163</b>	<b>176</b>	<b>35</b>	<b>1,864</b>
351	Electric power generation, transmission and distribution	6	4	3	15	2	30
352	Manufacture of gas; distribution of gaseous fuels through mains	1	-	-	-	-	1
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>7</b>	<b>4</b>	<b>3</b>	<b>15</b>	<b>2</b>	<b>31</b>
360	Water collection, treatment and supply	48	33	14	11	1	107
382	Waste treatment and disposal	1	-	-	-	-	1
383	Materials recovery	-	1	1	-	-	2
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>49</b>	<b>34</b>	<b>15</b>	<b>11</b>	<b>1</b>	<b>110</b>
<b>Total</b>		<b>1,262</b>	<b>645</b>	<b>213</b>	<b>225</b>	<b>44</b>	<b>2,389</b>



**Table 43: Number of Employees by Employment Size, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
51	Mining of hard coal	-	-	77	-	-	77
72	Mining of non-ferrous metal ores	206	510	163	1,013	7,137	9,029
81	Quarrying of stone, sand and clay	65	178	68	442	-	753
89	Mining and quarrying n.e.c.	1,362	4,935	1,719	2,365	1,216	11,597
99	Support activities for other mining and quarrying	-	21	-	-	-	21
<b>B</b>	<b>Mining and quarrying</b>	<b>1,633</b>	<b>5,644</b>	<b>2,027</b>	<b>3,820</b>	<b>8,353</b>	<b>21,477</b>
101	Processing and preserving of meat	13	213	131	425	-	782
102	Processing and preserving of fish, crustaceans and molluscs	53	62	156	1,844	765	2,880
103	Processing and preserving of fruit and vegetables	103	177	157	1,004	1,126	2,567
104	Manufacture of vegetable and animal oils and fats	1,019	718	589	1,251	-	3,577
105	Manufacture of dairy products	174	145	132	214	-	665
106	Manufacture of grain mill products, starches and starch products	3,008	1,251	531	768	3,052	8,610
107	Manufacture of other food products	1,199	1,010	1,289	7,147	17,424	28,069
108	Manufacture of prepared animal feeds	114	62	155	512	-	843
110	Manufacture of beverages	278	574	782	3,136	3,886	8,656
120	Manufacture of tobacco products	-	-	-	596	5,233	5,829
131	Spinning, weaving and finishing of textiles	35	114	128	701	5,130	6,108
139	Manufacture of other textiles	191	112	220	2,130	2,754	5,407
141	Manufacture of wearing apparel, except fur apparel	83	72	-	102	2,388	2,645
142	Manufacture of articles of fur	14	-	-	-	-	14
151	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur	42	143	247	320	-	752
152	Manufacture of footwear	27	157	209	281	-	674
161	Sawmilling and planing of wood	828	809	146	453	-	2,236
162	Manufacture of products of wood, cork, straw and plaiting materials	82	177	70	586	-	915
170	Manufacture of paper and paper products	54	80	262	545	1,506	2,447
181	Printing and service activities related to printing	295	468	461	1,306	-	2,530
182	Reproduction of recorded media	15	25	94	-	-	134
192	Manufacture of refined petroleum products	-	65	63	136	-	264
201	Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms	32	103	156	108	-	399
202	Manufacture of other chemical products	252	220	500	1,441	2,082	4,495
210	Manufacture of pharmaceuticals, medicinal chemical and botanical products	-	39	169	561	-	769
221	Manufacture of rubber products	16	-	95	-	-	111
222	Manufacture of plastics products	79	500	1,016	2,129	-	3,724
231	Manufacture of glass and glass products	51	46	103	-	575	775
239	Manufacture of non-metallic mineral products n.e.c.	1,683	1,012	841	2,354	-	5,890
241	Manufacture of basic iron and steel	181	395	168	1,277	-	2,021

**Table 43 (Cont'd): Number of Employees by Employment Size, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
242	Manufacture of basic precious and other non-ferrous metals	21	70	-	101	-	192
243	Casting of metals	56	-	-	-	-	56
251	Manufacture of structural metal products, tanks, reservoirs and steam generators	289	166	154	350	-	959
259	Manufacture of other fabricated metal products; metalworking service activities	236	170	178	121	-	705
261	Manufacture of electronic components and boards	-	-	-	130	-	130
262	Manufacture of computers and peripheral equipment	-	26	-	-	-	26
271	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus	-	45	-	-	-	45
272	Manufacture of batteries and accumulators	-	-	-	137	-	137
273	Manufacture of wiring and wiring devices	16	41	48	104	-	209
275	Manufacture of domestic appliances	38	-	76	331	-	445
279	Manufacture of other electrical equipment	-	-	85	-	-	85
281	Manufacture of general-purpose machinery	16	-	-	-	-	16
282	Manufacture of special-purpose machinery	108	118	-	205	-	431
291	Manufacture of motor vehicles	11	-	-	-	-	11
292	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	23	52	121	-	-	196
293	Manufacture of parts and accessories for motor vehicles	12	41	105	-	510	668
301	Building of ships and boats	-	-	65	-	-	65
302	Manufacture of railway locomotives and rolling stock	-	-	-	216	-	216
309	Manufacture of transport equipment n.e.c.	-	-	-	440	-	440
310	Manufacture of furniture	1,635	816	445	1,715	618	5,229
321	Manufacture of jewellery, bijouterie and related articles	178	30	-	-	-	208
324	Manufacture of games and toys	-	34	-	-	2,130	2,164
329	Other manufacturing n.e.c.	35	277	237	874	-	1,423
331	Repair of fabricated metal products, machinery and equipment	58	129	53	133	-	373
<b>C</b>	<b>Manufacturing</b>	<b>12,653</b>	<b>10,764</b>	<b>10,437</b>	<b>36,184</b>	<b>49,179</b>	<b>119,217</b>
351	Electric power generation, transmission and distribution	56	108	204	2,346	-	2,714
352	Manufacture of gas; distribution of gaseous fuels through mains	16	-	-	-	-	16
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>72</b>	<b>108</b>	<b>204</b>	<b>2,346</b>	<b>-</b>	<b>2,730</b>
360	Water collection, treatment and supply	665	998	1,057	1,985	3,578	8,283
382	Waste treatment and disposal	8	-	-	-	-	8
383	Materials recovery	-	21	74	-	-	95
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>673</b>	<b>1,019</b>	<b>1,131</b>	<b>1,985</b>	<b>3,578</b>	<b>8,386</b>
<b>Total</b>		<b>15,031</b>	<b>17,535</b>	<b>13,799</b>	<b>44,335</b>	<b>61,110</b>	<b>151,810</b>

**Table 44: Number of Persons Engaged by Employment Size, Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
05	Mining of coal and lignite	-	-	77	-	-	77
07	Mining of metal ores	259	698	235	1,198	7,137	9,527
08	Other mining and quarrying	5,111	8,574	2,588	4,626	1,219	22,118
09	Mining support service activities	-	21	-	-	-	21
<b>B</b>	<b>Mining and quarrying</b>	<b>5,370</b>	<b>9,293</b>	<b>2,900</b>	<b>5,824</b>	<b>8,356</b>	<b>31,743</b>
10	Manufacture of food products	9,318	5,246	6,127	18,745	24,143	63,579
11	Manufacture of beverages	459	1,112	1,035	5,557	5,191	13,354
12	Manufacture of tobacco products	-	-	-	603	5,260	5,863
13	Manufacture of textiles	390	562	681	2,839	7,934	12,406
14	Manufacture of wearing apparel	122	105	-	134	2,388	2,749
15	Manufacture of leather and related products	94	347	515	681	-	1,637
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,903	1,689	316	1,471	-	5,379
17	Manufacture of paper and paper products	60	88	267	743	1,506	2,664
18	Printing and reproduction of recorded media	386	533	627	1,666	-	3,212
19	Manufacture of coke and refined petroleum products	-	69	88	136	-	293
20	Manufacture of chemicals and chemical products	444	448	1,174	3,011	2,507	7,584
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	91	335	561	-	987
22	Manufacture of rubber and plastics products	123	719	1,468	2,931	-	5,241
23	Manufacture of other non-metallic mineral products	2,727	1,537	1,578	3,715	595	10,152
24	Manufacture of basic metals	402	1,146	230	1,741	-	3,519
25	Manufacture of fabricated metal products, except machinery and equipment	755	447	439	570	-	2,211
26	Manufacture of computer, electronic and optical products	-	27	-	130	-	157
27	Manufacture of electrical equipment	75	86	428	855	-	1,444
28	Manufacture of machinery and equipment n.e.c.	155	133	-	232	-	520
29	Manufacture of motor vehicles, trailers and semi-trailers	57	124	239	-	510	930
30	Manufacture of other transport equipment	-	-	142	816	-	958
31	Manufacture of furniture	2,340	1,216	1,034	1,871	618	7,079
32	Other manufacturing	250	589	243	1,053	2,130	4,265
33	Repair and installation of machinery and equipment	67	140	56	133	-	396
<b>C</b>	<b>Manufacturing</b>	<b>20,127</b>	<b>16,454</b>	<b>17,022</b>	<b>50,194</b>	<b>52,782</b>	<b>156,579</b>
35	Electricity, gas, steam and air conditioning supply	100	200	220	3,465	-	3,985
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>100</b>	<b>200</b>	<b>220</b>	<b>3,465</b>	<b>-</b>	<b>3,985</b>
36	Water collection, treatment and supply	913	1,109	1,148	2,164	3,578	8,912
38	Waste collection, treatment and disposal activities; materials recovery	20	39	74	-	-	133
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>933</b>	<b>1,148</b>	<b>1,222</b>	<b>2,164</b>	<b>3,578</b>	<b>9,045</b>
<b>Total</b>		<b>26,530</b>	<b>27,095</b>	<b>21,364</b>	<b>61,647</b>	<b>64,716</b>	<b>201,352</b>

**Table 45: Total Labour Cost in Industry by Employment Size, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
5	Mining of coal and lignite	-	-	374,147	-	-	374,147
7	Mining of metal ores	529,679	1,614,918	521,737	15,499,177	293,239,323	311,404,834
8	Other mining and quarrying	85,839,611	10,573,299	5,414,072	14,104,292	21,006,900	136,938,174
9	Mining support service activities	-	52,532	-	-	-	52,532
<b>B</b>	<b>Mining and quarrying</b>	<b>86,369,290</b>	<b>12,240,749</b>	<b>6,309,956</b>	<b>29,603,469</b>	<b>314,246,223</b>	<b>448,769,687</b>
10	Manufacture of food products	11,397,287	23,207,268	14,134,097	59,752,892	116,251,006	224,742,550
11	Manufacture of beverages	842,414	3,254,832	9,857,148	69,068,199	71,496,487	154,519,080
12	Manufacture of tobacco products	-	-	-	26,948,965	34,573,564	61,522,529
13	Manufacture of textiles	683,071	428,049	8,385,069	20,819,298	13,122,068	43,437,555
14	Manufacture of wearing apparel	92,000,938	669,856	-	24,251	6,666,983	99,362,028
15	Manufacture of leather and related products	196,594	652,104	2,367,865	2,162,222	-	5,378,785
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	15,929,960	3,468,194	364,166	27,095,426	-	46,857,746
17	Manufacture of paper and paper products	60,410	195,674	1,326,050	2,531,331	8,145,687	12,259,152
18	Printing and reproduction of recorded media	1,266,069	3,580,014	15,567,126	94,226,552	-	114,639,761
19	Manufacture of coke and refined petroleum products	-	224,874	237,704	1,131,461	-	1,594,039
20	Manufacture of chemicals and chemical products	656,711	1,136,921	4,729,218	10,519,789	16,986,362	34,029,001
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	506,108	1,747,234	5,836,392	-	8,089,734
22	Manufacture of rubber and plastics products	340,146	3,600,261	6,881,544	12,308,471	-	23,130,422
23	Manufacture of other non-metallic mineral products	4,747,597	20,461,856	4,924,204	31,866,531	7,183,699	69,183,887
24	Manufacture of basic metals	945,346	2,199,621	392,791	5,648,973	-	9,186,731
25	Manufacture of fabricated metal products, except machinery and equipment	1,162,412	4,118,339	2,302,853	2,625,485	-	10,209,089
26	Manufacture of computer, electronic and optical products	-	471,298	-	2,593,137	-	3,064,435
27	Manufacture of electrical equipment	213,460	662,536	3,122,065	3,426,735	-	7,424,796
28	Manufacture of machinery and equipment n.e.c.	662,348	453,637	-	3,418,244	-	4,534,229
29	Manufacture of motor vehicles, trailers and semi-trailers	168,588	303,602	1,335,781	-	2,920,094	4,728,065
30	Manufacture of other transport equipment	-	-	25,944	3,520,670	-	3,546,614
31	Manufacture of furniture	5,249,747	1,932,000	2,948,889	8,387,627	2,023,121	20,541,384
32	Other manufacturing	850,302	1,395,862	761,713	1,633,140	2,622,950	7,263,967
33	Repair and installation of machinery and equipment	168,582	646,713	444,462	12,057,500	-	13,317,257
<b>C</b>	<b>Manufacturing</b>	<b>137,541,982</b>	<b>73,569,619</b>	<b>81,855,923</b>	<b>407,603,291</b>	<b>281,992,021</b>	<b>982,562,836</b>
35	Electricity, gas, steam and air conditioning supply	1,267,550	2,768,299	4,305,353	80,182,207	-	88,523,409
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>1,267,550</b>	<b>2,768,299</b>	<b>4,305,353</b>	<b>80,182,207</b>	<b>-</b>	<b>88,523,409</b>
36	Water collection, treatment and supply	2,295,766	6,056,728	40,456,093	18,283,797	6,733,993	73,826,377
38	Waste collection, treatment and disposal activities; materials recovery	42,100	7,425	216,491	-	-	266,016
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>2,337,866</b>	<b>6,064,153</b>	<b>40,672,584</b>	<b>18,283,797</b>	<b>6,733,993</b>	<b>74,092,393</b>
<b>Total</b>		<b>227,516,688</b>	<b>94,642,820</b>	<b>133,143,816</b>	<b>535,672,764</b>	<b>602,972,237</b>	<b>1,593,948,325</b>

**Table 46: Wages and Salaries in Industry by Employment Size, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Employment size					Total
		10-19	20-49	50-99	100-499	500+	
5	Mining of coal and lignite	-	-	296,497	-	-	296,497
7	Mining of metal ores	360,709	1,390,891	437,088	3,327,813	62,149,909	67,666,410
8	Other mining and quarrying	71,683,231	5,200,233	4,415,684	12,555,100	16,507,605	110,361,853
9	Mining support service activities	-	49,320	-	-	-	49,320
<b>B</b>	<b>Mining and quarrying</b>	<b>72,043,940</b>	<b>6,640,444</b>	<b>5,149,269</b>	<b>15,882,913</b>	<b>78,657,514</b>	<b>178,374,080</b>
10	Manufacture of food products	9,768,073	15,710,954	10,527,971	35,762,598	80,892,651	152,662,247
11	Manufacture of beverages	686,557	2,397,640	8,049,933	50,913,857	43,943,836	105,991,823
12	Manufacture of tobacco products	-	-	-	15,897,229	23,940,455	39,837,684
13	Manufacture of textiles	614,050	285,834	7,103,889	17,574,308	10,271,287	35,849,368
14	Manufacture of wearing apparel	85,781,915	183,901	-	20,300	3,499,399	89,485,515
15	Manufacture of leather and related products	183,295	588,071	1,780,402	1,005,618	-	3,557,386
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	14,465,361	2,668,246	317,770	24,983,143	-	42,434,520
17	Manufacture of paper and paper products	54,110	178,476	1,052,934	1,760,400	5,951,999	8,997,919
18	Printing and reproduction of recorded media	1,047,606	2,732,769	7,857,435	87,556,512	-	99,194,322
19	Manufacture of coke and refined petroleum products	-	184,871	124,687	976,438	-	1,285,996
20	Manufacture of chemicals and chemical products	564,218	758,881	3,117,293	7,822,793	13,263,066	25,526,251
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	469,810	1,498,396	4,074,678	-	6,042,884
22	Manufacture of rubber and plastics products	308,185	2,859,059	5,769,754	9,053,370	-	17,990,368
23	Manufacture of other non-metallic mineral products	4,137,374	19,204,504	2,707,176	27,236,905	5,183,182	58,469,141
24	Manufacture of basic metals	699,442	1,619,371	284,396	4,100,161	-	6,703,370
25	Manufacture of fabricated metal products, except machinery and equipment	964,528	2,813,592	1,193,481	848,980	-	5,820,581
26	Manufacture of computer, electronic and optical products	-	332,618	-	2,049,086	-	2,381,704
27	Manufacture of electrical equipment	187,080	397,788	2,361,231	2,403,966	-	5,350,065
28	Manufacture of machinery and equipment n.e.c.	483,838	352,647	-	1,893,560	-	2,730,045
29	Manufacture of motor vehicles, trailers and semi-trailers	144,052	236,554	744,825	-	2,886,279	4,011,710
30	Manufacture of other transport equipment	-	-	-	1,624,735	-	1,624,735
31	Manufacture of furniture	5,015,542	1,584,811	1,428,359	6,024,330	1,848,092	15,901,134
32	Other manufacturing	730,367	1,002,945	594,752	1,466,789	2,384,500	6,179,353
33	Repair and installation of machinery and equipment	143,752	442,947	366,376	12,000,000	-	12,953,075
<b>C</b>	<b>Manufacturing</b>	<b>125,979,345</b>	<b>57,006,289</b>	<b>56,881,060</b>	<b>317,049,756</b>	<b>194,064,746</b>	<b>750,981,196</b>
35	Electricity, gas, steam and air conditioning supply	876,051	2,333,620	3,300,549	48,578,886	-	55,089,106
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>876,051</b>	<b>2,333,620</b>	<b>3,300,549</b>	<b>48,578,886</b>	-	<b>55,089,106</b>
36	Water collection, treatment and supply	1,651,172	4,278,295	5,425,583	11,999,403	5,025,029	28,379,482
38	Waste collection, treatment and disposal activities; materials recovery	36,700	6,750	127,612	-	-	171,062
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>1,687,872</b>	<b>4,285,045</b>	<b>5,553,195</b>	<b>11,999,403</b>	<b>5,025,029</b>	<b>28,550,544</b>
<b>Total</b>		<b>200,587,208</b>	<b>70,265,398</b>	<b>70,884,073</b>	<b>393,510,958</b>	<b>277,747,289</b>	<b>1,012,994,926</b>

**Table 47: Gross Output in Industry by Employment Size, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev. 4	Industrial Activity	Employment Size					Total
		( 10 - 19 )	( 20 - 49 )	( 50 - 99 )	( 100 - 499 )	500+	
5	Mining of coal and lignite	-	-	2,089,670	-	-	2,089,670
7	Mining of metal ores	15,415,318	12,575,927	971,500	128,300,499	2,749,692,495	2,906,955,739
8	Other mining and quarrying	165,036,723	355,677,569	19,868,220	163,954,195	67,739,566	772,276,273
9	Mining support service activities	-	6,280,000	-	-	-	6,280,000
<b>B</b>	<b>Mining and Quarrying</b>	<b>180,452,041</b>	<b>374,533,496</b>	<b>22,929,390</b>	<b>292,254,694</b>	<b>2,817,432,061</b>	<b>3,687,601,682</b>
10	Manufacture of food products	226,386,027	261,469,911	296,444,841	1,675,590,370	1,558,685,744	4,018,576,893
11	Manufacture of beverages	17,362,979	53,488,860	244,733,126	892,567,002	734,909,044	1,943,061,011
12	Manufacture of tobacco products	-	-	-	437,121,190	212,756,551	649,877,741
13	Manufacture of textiles	6,836,531	11,656,503	57,588,700	449,372,507	242,100,014	767,554,255
14	Manufacture of wearing apparel	395,334,125	2,912,909	-	374,146	13,040,217	411,661,397
15	Manufacture of leather and related products	1,479,380	14,953,793	24,698,919	12,455,136	-	53,587,228
	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	251,486,949	28,852,555	10,601,245	313,881,573	-	604,822,322
17	Manufacture of paper and paper products	320,287	1,125,180	14,794,730	39,262,768	50,411,458	105,914,423
18	Printing and reproduction of recorded media	9,134,852	26,229,860	102,464,009	101,926,506	-	239,755,227
19	Manufacture of coke and refined petroleum products	-	1,577,812	13,060,694	42,224,491	-	56,862,997
20	Manufacture of chemicals and chemical products	7,744,043	36,687,636	199,571,690	248,627,156	142,815,040	635,445,565
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	5,889,452	10,635,761	58,108,189	-	74,633,402
22	Manufacture of rubber and plastics products	4,916,028	54,428,709	232,767,399	246,487,192	-	538,599,328
23	Manufacture of other non-metallic mineral products	56,943,825	148,406,593	119,394,324	709,029,847	97,090,944	1,130,865,533
24	Manufacture of basic metals	16,574,851	61,926,727	39,698,791	133,729,854	-	251,930,223
25	Manufacture of fabricated metal products, except machinery and equipment	8,731,859	53,629,651	33,220,746	200,697,017	-	296,279,273
26	Manufacture of computer, electronic and optical products	-	3,082,836	-	9,458,550	-	12,541,386
27	Manufacture of electrical equipment	1,653,064	10,077,349	36,722,620	47,361,084	-	95,814,117
28	Manufacture of machinery and equipment n.e.c.	2,639,379	5,323,043	-	23,517,488	-	31,479,910
29	Manufacture of motor vehicles, trailers and semi-trailers	2,096,997	9,481,424	21,062,189	-	3,640,786	36,281,396
30	Manufacture of other transport equipment	-	-	4,468,817	66,091,549	-	70,560,366
31	Manufacture of furniture	15,251,205	14,835,895	35,356,998	207,777,634	150,989,693	424,211,425
32	Other manufacturing	4,680,822	23,908,590	9,169,252	17,387,480	34,441,747	89,587,891
33	Repair and installation of machinery and equipment	1,685,456	2,988,296	1,763,436	18,156,260	-	24,593,448
<b>C</b>	<b>Manufacturing</b>	<b>1,031,258,659</b>	<b>832,933,584</b>	<b>1,508,218,287</b>	<b>5,951,204,989</b>	<b>3,240,881,238</b>	<b>12,564,496,757</b>
35	Electricity, gas, steam and air conditioning supply	4,171,844	106,891,924	46,607,050	1,347,873,266	1,866,327,641	3,371,871,725
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>4,171,844</b>	<b>106,891,924</b>	<b>46,607,050</b>	<b>1,347,873,266</b>	<b>1,866,327,641</b>	<b>3,371,871,725</b>
36	Water collection, treatment and supply	33,054,270	19,457,796	83,226,153	84,477,416	47,074,187	267,289,822
38	Waste collection, treatment and disposal activities; materials recovery	396,270	693,619	1,709,813	-	-	2,799,702
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>33,450,540</b>	<b>20,151,415</b>	<b>84,935,966</b>	<b>84,477,416</b>	<b>47,074,187</b>	<b>270,089,524</b>
<b>Total</b>		<b>1,249,333,084</b>	<b>1,334,510,419</b>	<b>1,662,690,693</b>	<b>7,675,810,365</b>	<b>7,971,715,127</b>	<b>19,894,059,688</b>

**Table 48 Total Intermediate Consumption in Industry by Employment Size, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Employment Size					Total
		( 10 - 19 )	( 20 - 49 )	( 50 - 99 )	( 100 - 499 )	500+	
5	Mining of coal and lignite	-	-	1,696,932	-	-	1,696,932
7	Mining of metal ores	5,915,934	6,766,921	261,010	32,092,952	630,647,504	675,684,321
8	Other mining and quarrying	39,842,701	54,934,558	6,528,011	75,546,325	43,373,094	220,224,689
9	Mining support service activities	-	2,064,000	-	-	-	2,064,000
<b>B</b>	<b>Mining and Quarrying</b>	<b>45,758,635</b>	<b>63,765,479</b>	<b>6,789,021</b>	<b>107,639,277</b>	<b>674,020,598</b>	<b>897,973,010</b>
10	Manufacture of food products	131,374,275	131,402,719	167,566,148	1,223,816,788	1,128,879,870	2,783,039,800
11	Manufacture of beverages	10,996,399	37,131,293	88,559,807	362,345,245	354,691,143	853,723,887
12	Manufacture of tobacco products	-	-	-	36,592,868	158,595,087	195,187,955
13	Manufacture of textiles	1,165,770	5,513,503	38,821,923	291,201,074	137,943,098	474,645,368
14	Manufacture of wearing apparel	92,520,067	1,442,942	-	341,184	1,999,276	96,303,469
15	Manufacture of leather and related products	895,449	10,590,854	15,086,001	9,537,425	-	36,109,729
	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	140,017,031	8,988,191	9,364,459	106,059,899	-	264,429,580
17	Manufacture of paper and paper products	166,287	918,260	11,937,101	26,967,418	44,309,377	84,298,443
18	Printing and reproduction of recorded media	6,008,518	17,223,029	18,787,417	66,484,323	-	108,503,287
19	Manufacture of coke and refined petroleum products	-	1,032,827	12,347,611	36,218,596	-	49,599,034
20	Manufacture of chemicals and chemical products	4,445,916	12,507,609	73,369,802	189,036,841	94,103,016	373,463,184
	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	3,954,334	3,742,317	32,412,024	-	40,108,675
22	Manufacture of rubber and plastics products	3,528,777	41,603,309	130,757,624	123,581,507	-	299,471,217
23	Manufacture of other non-metallic mineral products	38,393,612	45,359,394	59,486,934	397,302,356	67,941,461	608,483,757
24	Manufacture of basic metals	9,701,269	43,233,129	19,839,316	91,408,867	-	164,182,581
	Manufacture of fabricated metal products, except machinery and equipment	4,462,598	19,008,230	15,705,782	73,809,357	-	112,985,967
26	Manufacture of computer, electronic and optical products	-	2,372,247	-	4,263,902	-	6,636,149
27	Manufacture of electrical equipment	880,159	7,149,314	28,799,701	23,263,097	-	60,092,271
28	Manufacture of machinery and equipment n.e.c.	1,434,326	4,325,384	-	18,289,198	-	24,048,908
29	Manufacture of motor vehicles, trailers and semi-trailers	1,065,732	597,497	9,177,917	-	574,688	11,415,834
30	Manufacture of other transport equipment	-	-	113,535	51,731,715	-	51,845,250
31	Manufacture of furniture	7,859,359	6,434,128	16,129,882	168,296,023	18,690,015	217,409,407
32	Other manufacturing	2,793,921	17,613,246	4,718,811	12,418,201	32,025,885	69,570,064
33	Repair and installation of machinery and equipment	1,336,513	727,002	1,340,155	29,076	-	3,432,746
<b>C</b>	<b>Manufacturing</b>	<b>459,045,978</b>	<b>419,128,441</b>	<b>725,652,243</b>	<b>3,345,406,984</b>	<b>2,039,752,916</b>	<b>6,988,986,562</b>
35	Electricity, gas, steam and air conditioning supply	1,758,279	70,509,292	30,619,150	895,034,640	1,244,218,427	2,242,139,788
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>1,758,279</b>	<b>70,509,292</b>	<b>30,619,150</b>	<b>895,034,640</b>	<b>1,244,218,427</b>	<b>2,242,139,788</b>
36	Water collection, treatment and supply	11,325,262	10,364,615	17,813,483	37,377,783	17,163,908	94,045,051
38	Waste collection, treatment and disposal activities; materials recovery	243,007	217,545	1,183,042	-	-	1,643,594
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>11,568,269</b>	<b>10,582,160</b>	<b>18,996,525</b>	<b>37,377,783</b>	<b>17,163,908</b>	<b>95,688,645</b>
	<b>Total</b>	<b>518,131,161</b>	<b>563,985,372</b>	<b>782,056,939</b>	<b>4,385,458,684</b>	<b>3,975,155,849</b>	<b>10,224,788,005</b>

**Table 49: Value Added in Industry by Employment Size, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Employment Size					Total
		(10 - 19)	(20 - 49)	(50 - 99)	(100 - 499)	500+	
5	Mining of coal and lignite	-	-	392,738	-	-	392,738
7	Mining of metal ores	9,499,384	5,809,006	710,490	96,207,547	2,119,044,991	2,231,271,418
8	Other mining and quarrying	125,194,022	300,743,011	13,340,209	88,407,870	24,366,472	552,051,584
9	Mining support service activities	-	4,216,000	-	-	-	4,216,000
<b>B</b>	<b>Mining and Quarrying</b>	<b>134,693,406</b>	<b>310,768,017</b>	<b>14,443,437</b>	<b>184,615,417</b>	<b>2,143,411,463</b>	<b>2,787,931,740</b>
10	Manufacture of food products	95,011,752	130,067,192	128,878,693	451,773,582	429,805,874	1,235,537,093
11	Manufacture of beverages	6,366,580	16,357,567	156,173,319	530,221,757	380,217,901	1,089,337,124
12	Manufacture of tobacco products	-	-	-	400,528,322	54,161,464	454,689,786
13	Manufacture of textiles	5,670,761	6,143,000	18,766,777	158,171,433	104,156,916	292,908,887
14	Manufacture of wearing apparel	302,814,058	1,469,967	-	32,962	11,040,941	315,357,928
15	Manufacture of leather and related products	583,931	4,362,939	9,612,918	2,917,711	-	17,477,499
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	111,469,918	19,864,364	1,236,786	207,821,674	-	340,392,742
17	Manufacture of paper and paper products	154,000	206,920	2,857,629	12,295,350	6,102,081	21,615,980
18	Printing and reproduction of recorded media	3,126,334	9,006,831	83,676,592	35,442,183	-	131,251,940
19	Manufacture of coke and refined petroleum products	-	544,985	713,083	6,005,895	-	7,263,963
20	Manufacture of chemicals and chemical products	3,298,127	24,180,027	126,201,888	59,590,315	48,712,024	261,982,381
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	-	1,935,118	6,893,444	25,696,165	-	34,524,727
22	Manufacture of rubber and plastics products	1,387,251	12,825,400	102,009,775	122,905,685	-	239,128,111
23	Manufacture of other non-metallic mineral products	18,550,213	103,047,199	59,907,390	311,727,491	29,149,483	522,381,776
24	Manufacture of basic metals	6,873,582	18,693,598	19,859,475	42,320,987	-	87,747,642
25	Manufacture of fabricated metal products, except machinery and equipment	4,269,261	34,621,421	17,514,964	126,887,660	-	183,293,306
26	Manufacture of computer, electronic and optical products	-	710,589	-	5,194,648	-	5,905,237
27	Manufacture of electrical equipment	772,905	2,928,035	7,922,919	24,097,987	-	35,721,846
28	Manufacture of machinery and equipment n.e.c.	1,205,053	997,659	-	5,228,290	-	7,431,002
29	Manufacture of motor vehicles, trailers and semi-trailers	1,031,265	8,883,927	11,884,272	-	3,066,098	24,865,562
30	Manufacture of other transport equipment	-	-	4,355,282	14,359,834	-	18,715,116
31	Manufacture of furniture	7,391,846	8,401,767	19,227,116	39,481,611	132,299,678	206,802,018
32	Other manufacturing	1,886,901	6,295,344	4,450,441	4,969,279	2,415,862	20,017,827
33	Repair and installation of machinery and equipment	348,943	2,261,294	423,281	18,127,184	-	21,160,702
<b>C</b>	<b>Manufacturing</b>	<b>572,212,681</b>	<b>413,805,143</b>	<b>782,566,044</b>	<b>2,605,798,005</b>	<b>1,201,128,322</b>	<b>5,575,510,195</b>
35	Electricity, gas, steam and air conditioning supply	2,413,565	36,382,632	15,987,900	452,838,626	622,109,214	1,129,731,937
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>2,413,565</b>	<b>36,382,632</b>	<b>15,987,900</b>	<b>452,838,626</b>	<b>622,109,214</b>	<b>1,129,731,937</b>
36	Water collection, treatment and supply	21,729,008	9,093,181	65,412,670	47,099,633	29,910,279	173,244,771
38	Waste collection, treatment and disposal activities; materials recovery	153,263	476,074	526,771	-	-	1,156,108
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>21,882,271</b>	<b>9,569,255</b>	<b>65,939,441</b>	<b>47,099,633</b>	<b>29,910,279</b>	<b>174,400,879</b>
	<b>Total</b>	<b>731,201,923</b>	<b>770,525,047</b>	<b>878,936,822</b>	<b>3,290,351,681</b>	<b>3,996,559,278</b>	<b>9,667,574,751</b>



**Table 50: Value of Energy Consumed by Industrial Activity and Type, Tanzania Mainland, ASIP-2015**

(TZS 000)

ISIC Rev.4	Industrial Activity	Fuels for Machines and vehicles					Wool, Coal and Peat	Total
		Electricity	Gas	Other fuels	Water			
5	Mining of coal and lignite	4,767	1,052,545	445	-	617	-	1,058,374
7	Mining of metal ores	69,613,794	479,574,777	-	2,400	108,241	28,071	549,327,283
8	Other mining and quarrying	17,392,067	17,580,810	130,994	16,802,829	1,269,575	354,955	53,531,230
9	Mining support service activities	-	15,200	-	-	-	-	15,200
<b>B</b>	<b>Mining and Quarrying</b>	<b>87,010,628</b>	<b>498,223,332</b>	<b>131,439</b>	<b>16,805,229</b>	<b>1,378,433</b>	<b>383,026</b>	<b>603,932,087</b>
10	Manufacture of food products	96,778,195	192,047,756	74,024,931	595,218	17,415,257	2,862,295	383,723,652
11	Manufacture of beverages	50,376,538	32,276,918	1,568,351	3,588,425	3,341,722	755,195	91,907,149
12	Manufacture of tobacco products	4,441,865	9,089,077	3,660,175	-	237,265	-	17,428,382
13	Manufacture of textiles	26,875,476	3,615,200	3,486,806	2,589,236	3,554,786	412,497	40,534,001
14	Manufacture of wearing apparel	12,186,737	81,577	60,424	72	1,282,760	-	13,611,570
15	Manufacture of leather and related products	1,694,841	1,217,626	98,560	49,117	184,356	-	3,244,500
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	11,205,138	4,652,307	2,219,737	6,339,663	110,130	726,818	25,253,793
17	Manufacture of paper and paper products	3,531,170	10,484,163	577,159	-	224,336	4,699,898	19,516,726
18	Printing and reproduction of recorded media	2,690,753	1,728,336	190,546	351,424	575,782	-	5,536,841
19	Manufacture of coke and refined petroleum products	168,593	329,608	2,700	-	2,305	10,800	514,006
20	Manufacture of chemicals and chemical products	8,946,536	8,243,161	4,002,390	613,081	709,463	684,851	23,199,482
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1,270,212	595,845	-	-	69,894	-	1,935,951
22	Manufacture of rubber and plastics products	16,206,674	3,277,412	665,941	730,369	2,746,029	578,225	24,204,650
23	Manufacture of other non-metallic mineral products	58,631,659	17,242,704	51,003,994	276,141	1,750,588	39,310,206	168,215,292
24	Manufacture of basic metals	17,610,721	6,062,025	1,109,882	16,867	687,103	7,544	25,494,142
25	Manufacture of fabricated metal products, except machinery and equipment	7,869,620	859,812	257,824	940	119,555	7,403	9,115,154
26	Manufacture of computer, electronic and optical products	259,063	102,200	-	-	815	36,000	398,078
27	Manufacture of electrical equipment	1,902,846	1,116,400	38,764	62,465	83,218	-	3,203,693
28	Manufacture of machinery and equipment n.e.c.	13,256,145	609,369	900	8,541	48,676	140,000	14,063,631
29	Manufacture of motor vehicles, trailers and semi-trailers	394,055	556,754	155,519	420	127,396	-	1,234,144
30	Manufacture of other transport equipment	170,657	400,138	-	9,600	-	-	580,395
31	Manufacture of furniture	3,941,407	71,691,390	9,516	1,801,430	613,986	103,866	78,161,595
32	Other manufacturing	1,983,745	1,047,198	860	2,788	139,302	6,200	3,180,093
33	Repair and installation of machinery and equipment	131,910	52,676	18,489	-	34,144	-	237,219
<b>C</b>	<b>Manufacturing</b>	<b>342,524,556</b>	<b>367,379,652</b>	<b>143,153,468</b>	<b>17,035,797</b>	<b>34,058,868</b>	<b>50,341,798</b>	<b>954,494,139</b>
35	Electricity, gas, steam and air conditioning supply	7,027,072	1,623,144,557	2,539	5,505	15,707	15	1,630,195,395
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>7,027,072</b>	<b>1,623,144,557</b>	<b>2,539</b>	<b>5,505</b>	<b>15,707</b>	<b>15</b>	<b>1,630,195,395</b>
36	Water collection, treatment and supply	19,388,636	4,132,066	411,952	219,776	6,229,086	91,469	30,472,985
38	Waste collection, treatment and disposal activities; materials recovery	266,082	276,862	-	-	3,550	195,222	741,716
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>19,654,718</b>	<b>4,408,928</b>	<b>411,952</b>	<b>219,776</b>	<b>6,232,636</b>	<b>286,691</b>	<b>31,214,701</b>
	<b>Total</b>	<b>456,216,974</b>	<b>2,493,156,469</b>	<b>143,699,398</b>	<b>34,066,307</b>	<b>41,685,644</b>	<b>51,011,530</b>	<b>3,219,836,322</b>

**Table 51: Frequency Distribution for Establishments Membership, Tanzania Mainland, ASIP-2015**

(Number)

ISIC Rev.4	Industrial Activity	CTI	TCCIA	ATE	DSE	TCME	Other	Total
	5 Mining of coal and lignite	-	-	-	-	-	-	-
	7 Mining of metal ores	4	3	4	1	15	2	29
	8 Other mining and quarrying	7	14	10	5	55	246	337
	9 Mining support service activities	-	-	-	-	1	-	1
<b>B</b>	<b>Mining and Quarrying</b>	<b>11</b>	<b>17</b>	<b>14</b>	<b>6</b>	<b>71</b>	<b>248</b>	<b>367</b>
	10 Manufacture of food products	115	142	64	14	11	85	431
	11 Manufacture of beverages	30	24	22	7	1	7	91
	12 Manufacture of tobacco products	3	4	4	1	-	-	12
	13 Manufacture of textiles	16	11	10	-	-	6	43
	14 Manufacture of wearing apparel	4	3	3	-	-	-	10
	15 Manufacture of leather and related products	6	5	3	1	-	1	16
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	10	12	7	4	-	45	78
	17 Manufacture of paper and paper products	8	2	5	-	-	-	15
	18 Printing and reproduction of recorded media	23	12	19	5	2	3	64
	19 Manufacture of coke and refined petroleum products	3	1	1	-	-	-	5
	20 Manufacture of chemicals and chemical products	25	17	15	3	3	9	72
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	4	1	4	-	-	2	11
	22 Manufacture of rubber and plastics products	31	15	13	1	1	4	65
	23 Manufacture of other non-metallic mineral products	26	17	18	6	6	8	81
	24 Manufacture of basic metals	14	6	3	1	-	-	24
	25 Manufacture of fabricated metal products, except machinery and equipment	10	8	7	1	-	2	28
	26 Manufacture of computer, electronic and optical products	1	1	1	-	-	-	3
	27 Manufacture of electrical equipment	10	4	7	-	1	-	22
	28 Manufacture of machinery and equipment n.e.c.	1	8	2	-	-	1	12
	29 Manufacture of motor vehicles, trailers and semi-trailers	5	3	2	1	-	1	12
	30 Manufacture of other transport equipment	2	-	1	-	-	-	3
	31 Manufacture of furniture	20	23	16	2	-	5	66
	32 Other manufacturing	5	4	7	-	-	1	17
	33 Repair and installation of machinery and equipment	4	3	1	-	-	-	8
<b>C</b>	<b>Manufacturing</b>	<b>376</b>	<b>326</b>	<b>235</b>	<b>47</b>	<b>25</b>	<b>180</b>	<b>1,189</b>
	35 Electricity, gas, steam and air conditioning supply	9	10	6	1	4	2	32
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>9</b>	<b>10</b>	<b>6</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>32</b>
	36 Water collection, treatment and supply	4	6	11	1	2	37	61
	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>5</b>	<b>7</b>	<b>11</b>	<b>1</b>	<b>2</b>	<b>37</b>	<b>63</b>
<b>Total</b>		<b>401</b>	<b>360</b>	<b>266</b>	<b>55</b>	<b>102</b>	<b>467</b>	<b>1,651</b>

**Table 52: Frequency Distribution for Awareness of Services/Functions Provided by Institutions, Tanzania Mainland, ASIP-2015**

(Number)

ISIC Rev.4	Industrial Activity	CTI	TCCIA	ATE	DSE	TCME	Other	Total
5	Mining of coal and lignite	-	-	-	1	-	-	1
7	Mining of metal ores	11	10	7	22	10	2	62
8	Other mining and quarrying	29	42	52	135	97	50	405
9	Mining support service activities	-	-	-	1	-	-	1
<b>B</b>	<b>Mining and Quarrying</b>	<b>40</b>	<b>52</b>	<b>59</b>	<b>159</b>	<b>107</b>	<b>52</b>	<b>469</b>
10	Manufacture of food products	224	195	288	97	177	17	998
11	Manufacture of beverages	42	38	37	22	27	4	170
12	Manufacture of tobacco products	3	4	4	3	2	-	16
13	Manufacture of textiles	29	21	29	14	15	1	109
14	Manufacture of wearing apparel	4	3	7	1	4	2	21
15	Manufacture of leather and related products	16	14	13	4	4	1	52
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	29	20	28	19	16	4	116
17	Manufacture of paper and paper products	10	6	4	3	4	-	27
18	Printing and reproduction of recorded media	33	31	32	19	19	3	137
19	Manufacture of coke and refined petroleum products	3	2	3	1	2	-	11
20	Manufacture of chemicals and chemical products	30	24	26	14	16	1	111
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	5	4	2	2	1	-	14
22	Manufacture of rubber and plastics products	41	29	31	15	21	3	140
23	Manufacture of other non-metallic mineral products	78	48	57	34	51	6	274
24	Manufacture of basic metals	23	19	17	10	11	-	80
25	Manufacture of fabricated metal products, except machinery and equipment	26	18	23	10	12	-	89
26	Manufacture of computer, electronic and optical products	2	2	2	-	2	-	8
27	Manufacture of electrical equipment	11	7	6	4	4	-	32
28	Manufacture of machinery and equipment n.e.c.	7	7	9	4	7	1	35
29	Manufacture of motor vehicles, trailers and semi-trailers	8	7	5	3	4	-	27
30	Manufacture of other transport equipment	2	3	3	2	2	-	12
31	Manufacture of furniture	46	35	46	15	32	2	176
32	Other manufacturing	30	32	27	21	19	-	129
33	Repair and installation of machinery and equipment	6	5	5	3	3	-	22
<b>C</b>	<b>Manufacturing</b>	<b>708</b>	<b>574</b>	<b>704</b>	<b>320</b>	<b>455</b>	<b>45</b>	<b>2,806</b>
35	Electricity, gas, steam and air conditioning supply	14	19	17	16	17	1	84
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>14</b>	<b>19</b>	<b>17</b>	<b>16</b>	<b>17</b>	<b>1</b>	<b>84</b>
36	Water collection, treatment and supply	29	39	35	24	34	13	174
38	Waste collection, treatment and disposal activities; materials recovery	2	1	1	1	1	1	7
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>31</b>	<b>40</b>	<b>36</b>	<b>25</b>	<b>35</b>	<b>14</b>	<b>181</b>
<b>Total</b>		<b>793</b>	<b>685</b>	<b>816</b>	<b>520</b>	<b>614</b>	<b>112</b>	<b>3,540</b>

**Table 53: Frequency Distribution for Establishments Registration, Tanzania Mainland, ASIP-2015**

ISIC Rev. 4	Industrial Activity	Does the establishment have any License?		
		Yes	No	
	5 Mining of coal and lignite	1		1
	7 Mining of metal ores	28	17	45
	8 Other mining and quarrying	299	38	337
	9 Mining support service activities	1		1
<b>B</b>	<b>Mining and Quarrying</b>	<b>329</b>	<b>55</b>	<b>384</b>
	10 Manufacture of food products	610	141	751
	11 Manufacture of beverages	63	8	71
	12 Manufacture of tobacco products	4		4
	13 Manufacture of textiles	38	12	50
	14 Manufacture of wearing apparel	7	6	13
	15 Manufacture of leather and related products	21	6	27
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	100	28	128
	17 Manufacture of paper and paper products	12	2	14
	18 Printing and reproduction of recorded media	54	4	58
	19 Manufacture of coke and refined petroleum products	4		4
	20 Manufacture of chemicals and chemical products	44	11	55
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	5		5
	22 Manufacture of rubber and plastics products	54	1	55
	23 Manufacture of other non-metallic mineral products	165	51	216
	24 Manufacture of basic metals	34	13	47
	25 Manufacture of fabricated metal products, except machinery and equipment	46	23	69
	26 Manufacture of computer, electronic and optical products	2		2
	27 Manufacture of electrical equipment	10	3	13
	28 Manufacture of machinery and equipment n.e.c.	8	7	15
	29 Manufacture of motor vehicles, trailers and semi-trailers	11	1	12
	30 Manufacture of other transport equipment	3		3
	31 Manufacture of furniture	119	79	198
	32 Other manufacturing	33	10	43
	33 Repair and installation of machinery and equipment	10	1	11
<b>C</b>	<b>Manufacturing</b>	<b>1457</b>	<b>407</b>	<b>1864</b>
	35 Electricity, gas, steam and air conditioning supply	11	20	31
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>11</b>	<b>20</b>	<b>31</b>
	36 Water collection, treatment and supply	70	37	107
	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>73</b>	<b>37</b>	<b>110</b>
<b>Total</b>		<b>1870</b>	<b>519</b>	<b>2389</b>

**Table 54: Frequency Distribution of Tenure of Buildings Occupied for Own Business, Tanzania Mainland, ASIP-2015**

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	0.6
7	Mining of metal ores	38	3.0	3	0.3	4	2.3
8	Other mining and quarrying	117	9.1	213	23.1	7	4.0
9	Mining support service activities	-	0.0	1	0.1	-	0.0
<b>B</b>	<b>Mining and Quarrying</b>	<b>155</b>	<b>12.0</b>	<b>217</b>	<b>23.5</b>	<b>11</b>	<b>6.3</b>
10	Manufacture of food products	485	37.7	225	24.4	41	23.3
11	Manufacture of beverages	51	4.0	16	1.7	4	2.3
12	Manufacture of tobacco products	3	0.2	-	0.0	1	0.6
13	Manufacture of textiles	29	2.3	15	1.6	6	3.4
14	Manufacture of wearing apparel	5	0.4	6	0.6	2	1.1
15	Manufacture of leather and related products	13	1.0	14	1.5	-	0.0
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	60	4.7	64	6.9	4	2.3
17	Manufacture of paper and paper products	10	0.8	1	0.1	3	1.7
18	Printing and reproduction of recorded media	25	1.9	27	2.9	6	3.4
19	Manufacture of coke and refined petroleum products	-	0.0	4	0.4	-	0.0
20	Manufacture of chemicals and chemical products	23	1.8	28	3.0	4	2.3
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	5	0.4	-	0.0	-	0.0
22	Manufacture of rubber and plastics products	30	2.3	20	2.2	5	2.8
23	Manufacture of other non-metallic mineral products	125	9.7	67	7.3	24	13.6
24	Manufacture of basic metals	23	1.8	18	1.9	6	3.4
25	Manufacture of fabricated metal products, except machinery and equipment	23	1.8	37	4.0	9	5.1
26	Manufacture of computer, electronic and optical products	2	0.2	-	0.0	-	0.0
27	Manufacture of electrical equipment	8	0.6	5	0.5	-	0.0
28	Manufacture of machinery and equipment n.e.c.	11	0.9	4	0.4	-	0.0
29	Manufacture of motor vehicles, trailers and semi-trailers	5	0.4	6	0.6	1	0.6
30	Manufacture of other transport equipment	2	0.2	1	0.1	-	0.0
31	Manufacture of furniture	69	5.4	99	10.7	30	17.0
32	Other manufacturing	20	1.6	20	2.2	3	1.7
33	Repair and installation of machinery and equipment	4	0.3	6	0.6	1	0.6
<b>C</b>	<b>Manufacturing</b>	<b>1,031</b>	<b>80.0</b>	<b>683</b>	<b>73.9</b>	<b>150</b>	<b>85.2</b>
35	Electricity, gas, steam and air conditioning supply	18	1.4	11	1.2	2	1.1
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>18</b>	<b>1.4</b>	<b>11</b>	<b>1.2</b>	<b>2</b>	<b>1.1</b>
36	Water collection, treatment and supply	83	6.4	11	1.2	13	7.4
38	Waste collection, treatment and disposal activities; materials recovery	1	0.1	2	0.2	-	0.0
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>84</b>	<b>6.5</b>	<b>13</b>	<b>1.4</b>	<b>13</b>	<b>7.4</b>
<b>Total</b>		<b>1,288</b>	<b>100.0</b>	<b>924</b>	<b>100.0</b>	<b>176</b>	<b>100.0</b>

**Table 55: Frequency Distribution of Establishment Products Certified by Government Institutions /Authorities, Tanzania Mainland, ASIP-2015**

ISIC Rev. 4	Industrial Activity	Tanzania Food and Drugs Authority (TFDA)	International Organization for Standardization (ISO)	Tanzania Bureau of Standards (TBS)	Other Authorities
	5 Mining of coal and lignite	-	-	-	-
	7 Mining of metal ores	3	4	5	5
	8 Other mining and quarrying	11	11	13	16
	9 Mining support service activities	-	-	-	-
<b>B</b>	<b>Mining and Quarrying</b>	<b>14</b>	<b>15</b>	<b>18</b>	<b>21</b>
	10 Manufacture of food products	492	67	250	71
	11 Manufacture of beverages	62	17	61	10
	12 Manufacture of tobacco products	1	2	3	-
	13 Manufacture of textiles	6	9	21	6
	14 Manufacture of wearing apparel	1	-	3	3
	15 Manufacture of leather and related products	-	2	12	1
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	13	7	15	7
	17 Manufacture of paper and paper products	2	2	9	1
	18 Printing and reproduction of recorded media	3	6	24	3
	19 Manufacture of coke and refined petroleum products	1	1	2	-
	20 Manufacture of chemicals and chemical products	21	11	31	8
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	5	2	3	-
	22 Manufacture of rubber and plastics products	3	16	39	5
	23 Manufacture of other non-metallic mineral products	7	16	57	22
	24 Manufacture of basic metals	3	5	25	2
	25 Manufacture of fabricated metal products, except machinery and equipment	1	4	18	7
	26 Manufacture of computer, electronic and optical products	-	1	1	1
	27 Manufacture of electrical equipment	-	7	10	1
	28 Manufacture of machinery and equipment n.e.c.	3	1	4	2
	29 Manufacture of motor vehicles, trailers and semi-trailers	-	2	5	2
	30 Manufacture of other transport equipment	-	1	2	1
	31 Manufacture of furniture	15	14	28	14
	32 Other manufacturing	2	4	15	1
	33 Repair and installation of machinery and equipment	-	1	4	-
<b>C</b>	<b>Manufacturing</b>	<b>641</b>	<b>198</b>	<b>642</b>	<b>168</b>
	35 Electricity, gas, steam and air conditioning supply	2	8	14	3
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>2</b>	<b>8</b>	<b>14</b>	<b>3</b>
	36 Water collection, treatment and supply	24	10	27	37
	38 Waste collection, treatment and disposal activities; materials recovery	-	-	3	-
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>24</b>	<b>10</b>	<b>30</b>	<b>37</b>
<b>Total</b>		<b>681</b>	<b>231</b>	<b>704</b>	<b>229</b>

**Table 56: Frequency Distribution of Establishments Quality Management Aspects, Tanzania Mainland, ASIP-2015**

ISIC Rev. 4	Industrial Activity	Is the quality of raw materials purchased controlled?		Does the establishment have a laboratory?		Does the establishment have laboratory for research and development?		Total Number of employees focused on Research and Development	Total Number of Quality Control staff
		Yes	No	Yes	No	Yes	No		
5	Mining of coal and lignite	-	1	1	-	-	1	-	17
7	Mining of metal ores	16	29	21	24	19	26	193	163
8	Other mining and quarrying	68	269	52	285	35	302	420	526
9	Mining support service activities	-	1	-	1	-	1	-	-
<b>B</b>	<b>Mining and quarrying</b>	<b>84</b>	<b>300</b>	<b>74</b>	<b>310</b>	<b>54</b>	<b>330</b>	<b>613</b>	<b>706</b>
10	Manufacture of food products	247	504	121	630	78	673	871	894
11	Manufacture of beverages	54	17	32	39	16	55	106	121
12	Manufacture of tobacco products	3	1	1	3	-	4	-	17
13	Manufacture of textiles	19	31	11	39	8	42	91	102
14	Manufacture of wearing apparel	3	10	2	11	-	13	-	23
15	Manufacture of leather and related products	12	15	7	20	6	21	74	76
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	12	116	12	116	8	120	110	146
17	Manufacture of paper and paper products	7	7	3	11	3	11	37	41
18	Printing and reproduction of recorded media	18	40	8	50	7	51	68	79
19	Manufacture of coke and refined petroleum products	2	2	-	4	-	4	-	-
20	Manufacture of chemicals and chemical products	23	32	7	48	2	53	26	48
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	5	-	1	4	1	4	5	5
22	Manufacture of rubber and plastics products	32	23	11	44	6	49	53	50
23	Manufacture of other non-metallic mineral products	56	160	30	186	23	193	193	258
24	Manufacture of basic metals	23	24	6	41	7	40	64	44
25	Manufacture of fabricated metal products, except machinery and equipment	18	51	9	60	3	66	45	88
26	Manufacture of computer, electronic and optical products	2	-	-	2	-	2	-	-
27	Manufacture of electrical equipment	7	6	2	11	-	13	-	18
28	Manufacture of machinery and equipment n.e.c.	7	8	3	12	4	11	32	36
29	Manufacture of motor vehicles, trailers and semi-trailers	5	7	2	10	1	11	10	13
30	Manufacture of other transport equipment	1	2	-	3	-	3	-	-
31	Manufacture of furniture	24	174	10	188	13	185	137	94
32	Other manufacturing	26	17	16	27	6	37	84	64
33	Repair and installation of machinery and equipment	3	8	-	11	-	11	-	-
<b>C</b>	<b>Manufacturing</b>	<b>609</b>	<b>1,255</b>	<b>294</b>	<b>1,570</b>	<b>192</b>	<b>1,672</b>	<b>2,006</b>	<b>2,217</b>
35	Electricity, gas, steam and air conditioning supply	18	13	14	17	9	22	121	140
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>18</b>	<b>13</b>	<b>14</b>	<b>17</b>	<b>9</b>	<b>22</b>	<b>121</b>	<b>140</b>
36	Water collection, treatment and supply	57	50	46	61	30	77	343	321
38	Waste collection, treatment and disposal activities; materials recovery	3	-	1	2	2	1	12	1
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>60</b>	<b>50</b>	<b>47</b>	<b>63</b>	<b>32</b>	<b>78</b>	<b>355</b>	<b>322</b>
<b>Total</b>		<b>771</b>	<b>1,618</b>	<b>429</b>	<b>1,960</b>	<b>287</b>	<b>2,102</b>	<b>3,095</b>	<b>3,385</b>

**Table 57: Frequency Distribution of Marketing for the Produced Products, Tanzania Mainland, ASIP-2015**

ISIC REV 4	Industrial Activity	Domestic	International	Both Domestic and International
	5 Mining of coal and lignite	-	-	1
	7 Mining of metal ores	39	4	2
	8 Other mining and quarrying	301	19	17
	9 Mining support service activities	1	-	-
<b>B</b>	<b>Mining and Quarrying</b>	<b>341</b>	<b>23</b>	<b>20</b>
	10 Manufacture of food products	618	29	104
	11 Manufacture of beverages	62	1	8
	12 Manufacture of tobacco products	-	-	4
	13 Manufacture of textiles	29	5	16
	14 Manufacture of wearing apparel	12	1	-
	15 Manufacture of leather and related products	19	2	6
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	110	10	8
	17 Manufacture of paper and paper products	10	1	3
	18 Printing and reproduction of recorded media	49	-	9
	19 Manufacture of coke and refined petroleum products	1	-	3
	20 Manufacture of chemicals and chemical products	33	5	17
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	5	-	-
	22 Manufacture of rubber and plastics products	38	1	16
	23 Manufacture of other non-metallic mineral products	200	1	15
	24 Manufacture of basic metals	38	1	8
	25 Manufacture of fabricated metal products, except machinery and equipment	64	2	3
	26 Manufacture of computer, electronic and optical products	-	-	2
	27 Manufacture of electrical equipment	12	-	1
	28 Manufacture of machinery and equipment n.e.c.	8	1	6
	29 Manufacture of motor vehicles, trailers and semi-trailers	9	-	3
	30 Manufacture of other transport equipment	2	1	-
	31 Manufacture of furniture	184	4	10
	32 Other manufacturing	35	2	6
	33 Repair and installation of machinery and equipment	10	-	1
<b>C</b>	<b>Manufacturing</b>	<b>1,548</b>	<b>67</b>	<b>249</b>
	35 Electricity, gas, steam and air conditioning supply	21	3	7
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>21</b>	<b>3</b>	<b>7</b>
	36 Water collection, treatment and supply	105	-	2
	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>107</b>	<b>-</b>	<b>3</b>
<b>Total</b>		<b>2,017</b>	<b>93</b>	<b>279</b>



**Table 58: Frequency Distribution of Major Media for Export, Tanzania Mainland, ASIP-2015**

ISIC REV 4	Industrial Activity	Directly	Through Parent Enterprise	Through Other Intermediaries	Other
	5 Mining of coal and lignite	1	-	-	-
	7 Mining of metal ores	18	15	12	-
	8 Other mining and quarrying	114	116	89	18
	9 Mining support service activities	-	-	1	-
<b>B</b>	<b>Mining and Quarrying</b>	<b>133</b>	<b>131</b>	<b>102</b>	<b>18</b>
	10 Manufacture of food products	282	222	214	33
	11 Manufacture of beverages	25	24	20	2
	12 Manufacture of tobacco products	1	2	1	-
	13 Manufacture of textiles	27	16	6	1
	14 Manufacture of wearing apparel	7	5	1	-
	15 Manufacture of leather and related products	11	8	5	3
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	55	36	32	5
	17 Manufacture of paper and paper products	4	6	3	1
	18 Printing and reproduction of recorded media	24	18	14	2
	19 Manufacture of coke and refined petroleum products	3	-	1	-
	20 Manufacture of chemicals and chemical products	25	12	16	2
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	1	1	2	1
	22 Manufacture of rubber and plastics products	26	15	13	1
	23 Manufacture of other non-metallic mineral products	84	64	58	10
	24 Manufacture of basic metals	26	5	12	4
	25 Manufacture of fabricated metal products, except machinery and equipment	34	13	21	1
	26 Manufacture of computer, electronic and optical products	2	-	-	-
	27 Manufacture of electrical equipment	5	6	2	-
	28 Manufacture of machinery and equipment n.e.c.	4	2	8	1
	29 Manufacture of motor vehicles, trailers and semi-trailers	7	-	5	-
	30 Manufacture of other transport equipment	1	-	2	-
	31 Manufacture of furniture	76	55	61	6
	32 Other manufacturing	16	8	19	-
	33 Repair and installation of machinery and equipment	7	2	2	-
<b>C</b>	<b>Manufacturing</b>	<b>753</b>	<b>520</b>	<b>518</b>	<b>73</b>
	35 Electricity, gas, steam and air conditioning supply	17	3	11	-
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>17</b>	<b>3</b>	<b>11</b>	<b>-</b>
	36 Water collection, treatment and supply	39	38	27	3
	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>41</b>	<b>38</b>	<b>27</b>	<b>4</b>
<b>Total</b>		<b>944</b>	<b>692</b>	<b>658</b>	<b>95</b>

**Table 59: Frequency Distribution on the Importance of Trade Agreements, Tanzania Mainland, ASIP-2015**

ISIC REV 4	Industrial Activity	Regional Trade Agreements		
		Very important	Important	Not Important
5	Mining of coal and lignite	-	-	1
7	Mining of metal ores	17	19	9
8	Other mining and quarrying	125	110	102
9	Mining support service activities	1	-	-
<b>B</b>	<b>Mining and quarrying</b>	143	129	112
10	Manufacture of food products	308	235	208
11	Manufacture of beverages	28	18	25
12	Manufacture of tobacco products	2	-	2
13	Manufacture of textiles	21	14	15
14	Manufacture of wearing apparel	5	5	3
15	Manufacture of leather and related products	10	9	8
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	66	31	31
17	Manufacture of paper and paper products	7	4	3
18	Printing and reproduction of recorded media	31	12	15
19	Manufacture of coke and refined petroleum products	3	-	1
20	Manufacture of chemicals and chemical products	25	9	21
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	2	1	2
22	Manufacture of rubber and plastics products	34	11	10
23	Manufacture of other non-metallic mineral products	88	62	66
24	Manufacture of basic metals	20	12	15
25	Manufacture of fabricated metal products, except machinery and equipment	29	21	19
26	Manufacture of computer, electronic and optical products	-	-	2
27	Manufacture of electrical equipment	7	3	3
28	Manufacture of machinery and equipment n.e.c.	9	4	2
29	Manufacture of motor vehicles, trailers and semi-trailers	8	2	2
30	Manufacture of other transport equipment	1	-	2
31	Manufacture of furniture	92	64	42
32	Other manufacturing	27	11	5
33	Repair and installation of machinery and equipment	5	4	2
<b>C</b>	<b>Manufacturing</b>	828	532	504
35	Electricity, gas, steam and air conditioning supply	12	10	9
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	12	10	9
36	Water collection, treatment and supply	38	35	34
38	Waste collection, treatment and disposal activities; materials recovery	2	1	-
E	Water supply; sewerage, waste management and remediation activities	40	36	34
<b>Total</b>		<b>1,023</b>	<b>707</b>	<b>659</b>

**Table 60(a): Frequency Distribution of Barriers for Expanding Establishments Exports (Regional Markets), Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Inadequate supply capacity	Stringent Sanitary and Phytosanitary (SPS) Rules	Low compliance to the market standards	Inability to meet quality standards	Customs and administrative entry procedures
5	Mining of coal and lignite	0	0	0	0	0
7	Mining of metal ores	0	0	1	0	0
8	Other mining and quarrying	18	11	2	2	8
9	Mining support service activities	0	1	0	0	1
<b>B</b>	<b>Mining and Quarrying</b>	<b>18</b>	<b>12</b>	<b>3</b>	<b>2</b>	<b>9</b>
10	Manufacture of food products	72	6	16	35	37
11	Manufacture of beverages	10	1	2	3	5
12	Manufacture of tobacco products	0	0	0	0	0
13	Manufacture of textiles	7	1	2	0	8
14	Manufacture of wearing apparel	2	2	0	1	0
15	Manufacture of leather and related products	0	1	2	1	1
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	7	3	4	5	6
17	Manufacture of paper and paper products	1	0	0	1	3
18	Printing and reproduction of recorded media	4	1	1	1	1
19	Manufacture of coke and refined petroleum products	0	0	0	1	0
20	Manufacture of chemicals and chemical products	18	2	2	11	7
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1	0	0	0	1
22	Manufacture of rubber and plastics products	5	1	1	1	9
23	Manufacture of other non-metallic mineral products	12	2	4	11	8
24	Manufacture of basic metals	4	0	1	1	3
25	Manufacture of fabricated metal products, except machinery and equipment	3	2	0	1	1
26	Manufacture of computer, electronic and optical products	1	0	0	0	1
27	Manufacture of electrical equipment	0	0	0	0	1
28	Manufacture of machinery and equipment n.e.c.	2	0	1	0	1
29	Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0
30	Manufacture of other transport equipment	0	0	0	0	0
31	Manufacture of furniture	10	6	7	5	7
32	Other manufacturing	1	3	1	3	1
33	Repair and installation of machinery and equipment	0	0	0	0	0
<b>C</b>	<b>Manufacturing</b>	<b>160</b>	<b>31</b>	<b>44</b>	<b>81</b>	<b>101</b>
35	Electricity, gas, steam and air conditioning supply	3	0	0	0	0
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
36	Water collection, treatment and supply	4	1	0	1	0
38	Waste collection, treatment and disposal activities; materials recovery	2	0	0	1	0
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>

**Table 60(a) (Cont'd): Frequency Distribution of Barriers for Expanding Establishments Exports (Regional Markets), Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Inability to meet delivery time	Limited promotion	Inadequate capacity to exploit preferential trade agreements	Inadequate trade negotiation skills and market access	Tariffs	Other
5	Mining of coal and lignite	0	0	0	0	0	0
7	Mining of metal ores	0	0	1	2	2	0
8	Other mining and quarrying	8	8	11	11	8	1
9	Mining support service activities	0	0	1	0	0	0
<b>B</b>	<b>Mining and Quarrying</b>	<b>8</b>	<b>8</b>	<b>13</b>	<b>13</b>	<b>10</b>	<b>1</b>
10	Manufacture of food products	20	20	22	23	41	18
11	Manufacture of beverages	0	4	3	5	3	0
12	Manufacture of tobacco products	0	0	0	0	0	0
13	Manufacture of textiles	0	1	2	1	5	2
14	Manufacture of wearing apparel	1	1	0	1	1	1
15	Manufacture of leather and related products	1	0	1	0	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	3	2	6	0
17	Manufacture of paper and paper products	0	1	0	1	1	0
18	Printing and reproduction of recorded media	1	0	1	0	1	1
19	Manufacture of coke and refined petroleum products	0	1	0	1	0	0
20	Manufacture of chemicals and chemical products	3	3	1	4	9	2
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1	1	0	0	0	0
22	Manufacture of rubber and plastics products	0	3	4	2	5	0
23	Manufacture of other non-metallic mineral products	4	12	9	6	5	6
24	Manufacture of basic metals	1	2	1	1	2	1
25	Manufacture of fabricated metal products, except machinery and equipment	0	0	1	3	1	2
26	Manufacture of computer, electronic and optical products	1	1	1	0	1	0
27	Manufacture of electrical equipment	0	3	2	1	1	0
28	Manufacture of machinery and equipment n.e.c.	1	2	0	1	0	0
29	Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	1	0	0
30	Manufacture of other transport equipment	0	0	0	0	0	0
31	Manufacture of furniture	2	4	8	5	6	2
32	Other manufacturing	1	3	1	3	1	0
33	Repair and installation of machinery and equipment	0	1	0	1	0	0
<b>C</b>	<b>Manufacturing</b>	<b>38</b>	<b>66</b>	<b>60</b>	<b>62</b>	<b>90</b>	<b>36</b>
35	Electricity, gas, steam and air conditioning supply	0	0	1	1	0	0
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
36	Water collection, treatment and supply	1	1	0	1	0	1
38	Waste collection, treatment and disposal activities; materials recovery	1	1	0	0	1	0
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>

**Table 60(b): Frequency Distribution of Barriers for Expanding Establishments Exports (Preferential Markets), Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Inadequate supply capacity	Stringent Sanitary and Phytosanitary (SPS) Rules	Low compliance to the market standards	Inability to meet quality standards	Customs and administrative entry procedures
5	Mining of coal and lignite	0	0	0	0	0
7	Mining of metal ores	0	0	0	0	0
8	Other mining and quarrying	12	10	2	1	9
9	Mining support service activities	0	1	0	0	1
<b>B</b>	<b>Mining and Quarrying</b>	<b>12</b>	<b>11</b>	<b>2</b>	<b>1</b>	<b>10</b>
10	Manufacture of food products	42	19	16	26	21
11	Manufacture of beverages	5	0	2	1	2
12	Manufacture of tobacco products	0	0	0	0	1
13	Manufacture of textiles	3	2	0	2	5
14	Manufacture of wearing apparel	1	0	1	0	1
15	Manufacture of leather and related products	1	1	0	2	0
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	4	4	3	2	4
17	Manufacture of paper and paper products	0	0	0	1	1
18	Printing and reproduction of recorded media	2	1	0	2	0
19	Manufacture of coke and refined petroleum products	0	0	0	0	0
20	Manufacture of chemicals and chemical products	7	2	0	4	2
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1	0	0	0	0
22	Manufacture of rubber and plastics products	3	1	2	1	5
23	Manufacture of other non-metallic mineral products	6	6	6	6	5
24	Manufacture of basic metals	2	1	3	1	1
25	Manufacture of fabricated metal products, except machinery and equipment	0	1	0	0	0
26	Manufacture of computer, electronic and optical products	1	0	0	0	1
27	Manufacture of electrical equipment	0	0	1	0	1
28	Manufacture of machinery and equipment n.e.c.	1	0	1	0	0
29	Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	0	0
30	Manufacture of other transport equipment	0	0	0	0	0
31	Manufacture of furniture	7	8	6	4	4
32	Other manufacturing	0	0	0	1	2
33	Repair and installation of machinery and equipment	0	0	0	0	0
<b>C</b>	<b>Manufacturing</b>	<b>86</b>	<b>46</b>	<b>41</b>	<b>53</b>	<b>56</b>
35	Electricity, gas, steam and air conditioning supply	3	0	0	0	0
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
36	Water collection, treatment and supply	4	2	1	1	0
38	Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>0</b>
<b>Total</b>		<b>105</b>	<b>59</b>	<b>44</b>	<b>55</b>	<b>66</b>

**Table 60(b) (Cont'd): Frequency Distribution of Barriers for Expanding Establishments Exports (Preferential Markets), Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Inability to meet delivery time	Limited promotion	Inadequate capacity to exploit preferential trade agreements	Inadequate trade negotiation skills and market access	Tariffs	Other
5	Mining of coal and lignite	0	0	0	0	0	0
7	Mining of metal ores	0	0	1	1	1	0
8	Other mining and quarrying	4	8	11	9	9	1
9	Mining support service activities	0	0	1	0	0	0
<b>B</b>	<b>Mining and Quarrying</b>	<b>4</b>	<b>8</b>	<b>13</b>	<b>10</b>	<b>10</b>	<b>1</b>
10	Manufacture of food products	14	13	14	16	19	14
11	Manufacture of beverages	1	2	3	1	2	0
12	Manufacture of tobacco products	0	0	0	0	1	0
13	Manufacture of textiles	1	2	2	1	4	2
14	Manufacture of wearing apparel	0	0	1	1	1	1
15	Manufacture of leather and related products	0	1	0	0	0	0
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2	3	2	1	3	0
17	Manufacture of paper and paper products	0	1	0	1	0	0
18	Printing and reproduction of recorded media	0	0	0	0	1	1
19	Manufacture of coke and refined petroleum products	0	0	0	0	0	0
20	Manufacture of chemicals and chemical products	2	3	2	0	1	1
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	0	1	1	0	0	0
22	Manufacture of rubber and plastics products	1	3	2	1	4	0
23	Manufacture of other non-metallic mineral products	5	6	7	2	8	4
24	Manufacture of basic metals	0	1	3	2	2	1
25	Manufacture of fabricated metal products, except machinery and equipment	1	1	2	0	1	1
26	Manufacture of computer, electronic and optical products	1	1	1	0	1	0
27	Manufacture of electrical equipment	0	3	1	2	0	0
28	Manufacture of machinery and equipment n.e.c.	0	0	1	0	0	0
29	Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	1	0	0
30	Manufacture of other transport equipment	0	0	1	0	0	0
31	Manufacture of furniture	4	2	7	5	4	1
32	Other manufacturing	0	0	1	2	1	0
33	Repair and installation of machinery and equipment	0	0	0	0	0	0
<b>C</b>	<b>Manufacturing</b>	<b>32</b>	<b>43</b>	<b>51</b>	<b>36</b>	<b>53</b>	<b>26</b>
35	Electricity, gas, steam and air conditioning supply	0	0	1	1	0	0
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
36	Water collection, treatment and supply	2	1	0	1	0	1
38	Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>
	<b>Total</b>	<b>38</b>	<b>52</b>	<b>65</b>	<b>48</b>	<b>63</b>	<b>28</b>

**Table 60(c): Frequency Distribution of Barriers for Expanding Establishments Exports (International Markets), Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Inadequate supply capacity	Stringent Sanitary and Phytosanitary (SPS) Rules	Low compliance to the market standards	Inability to meet quality standards	Customs and administrative entry procedures
5	Mining of coal and lignite	0	0	0	0	0
7	Mining of metal ores	0	0	0	0	0
8	Other mining and quarrying	14	10	2	1	9
9	Mining support service activities	0	1	0	0	1
<b>B</b>	<b>Mining and Quarrying</b>	<b>14</b>	<b>11</b>	<b>2</b>	<b>1</b>	<b>10</b>
10	Manufacture of food products	54	12	17	33	34
11	Manufacture of beverages	8	3	1	1	4
12	Manufacture of tobacco products	0	0	0	0	1
13	Manufacture of textiles	2	1	0	3	6
14	Manufacture of wearing apparel	0	1	0	0	0
15	Manufacture of leather and related products	0	0	2	0	2
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	10	2	4	6	4
17	Manufacture of paper and paper products	0	0	0	1	0
18	Printing and reproduction of recorded media	1	1	0	2	0
19	Manufacture of coke and refined petroleum products	1	0	0	1	0
20	Manufacture of chemicals and chemical products	11	3	0	7	4
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1	0	1	1	0
22	Manufacture of rubber and plastics products	4	0	3	2	4
23	Manufacture of other non-metallic mineral products	12	5	5	10	5
24	Manufacture of basic metals	7	1	1	2	2
25	Manufacture of fabricated metal products, except machinery and equipment	0	0	1	0	1
26	Manufacture of computer, electronic and optical products	1	0	0	0	1
27	Manufacture of electrical equipment	0	0	0	0	1
28	Manufacture of machinery and equipment n.e.c.	1	0	1	1	0
29	Manufacture of motor vehicles, trailers and semi-trailers	1	0	0	0	1
30	Manufacture of other transport equipment	0	0	0	0	0
31	Manufacture of furniture	11	4	8	6	3
32	Other manufacturing	0	1	0	1	2
33	Repair and installation of machinery and equipment	0	0	0	0	0
<b>C</b>	<b>Manufacturing</b>	<b>125</b>	<b>34</b>	<b>44</b>	<b>77</b>	<b>75</b>
35	Electricity, gas, steam and air conditioning supply	3	0	0	0	0
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
36	Water collection, treatment and supply	3	1	1	3	1
38	Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>
<b>Total</b>		<b>145</b>	<b>46</b>	<b>47</b>	<b>81</b>	<b>86</b>

**Table 60(c) (Cont'd): Frequency Distribution of Barriers for Expanding Establishments Exports (International Markets), Tanzania Mainland, ASIP-2015**

ISIC Rev.4	Industrial Activity	Inability to meet delivery time	Limited promotion	Inadequate capacity to exploit preferential trade agreements	Inadequate trade negotiation skills and market access	Tariffs	Other
5	Mining of coal and lignite	0	0	0	0	0	0
7	Mining of metal ores	0	0	1	1	1	0
8	Other mining and quarrying	4	8	11	10	10	1
9	Mining support service activities	0	0	1	0	0	0
<b>B</b>	<b>Mining and Quarrying</b>	<b>4</b>	<b>8</b>	<b>13</b>	<b>11</b>	<b>11</b>	<b>1</b>
10	Manufacture of food products	14	17	14	14	29	17
11	Manufacture of beverages	1	3	2	3	4	0
12	Manufacture of tobacco products	0	0	0	0	0	0
13	Manufacture of textiles	0	2	3	2	7	2
14	Manufacture of wearing apparel	0	0	1	0	1	1
15	Manufacture of leather and related products	1	0	0	0	1	0
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	2	1	2	2	7	0
17	Manufacture of paper and paper products	0	0	0	0	0	0
18	Printing and reproduction of recorded media	0	0	1	1	0	1
19	Manufacture of coke and refined petroleum products	0	0	0	0	1	0
20	Manufacture of chemicals and chemical products	2	1	1	1	6	1
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	0	0	0	1	0	0
22	Manufacture of rubber and plastics products	3	1	2	2	5	0
23	Manufacture of other non-metallic mineral products	4	6	7	5	4	5
24	Manufacture of basic metals	1	1	1	1	2	1
25	Manufacture of fabricated metal products, except machinery and equipment	0	1	2	0	1	3
26	Manufacture of computer, electronic and optical products	1	1	1	0	1	0
27	Manufacture of electrical equipment	0	3	2	1	1	0
28	Manufacture of machinery and equipment n.e.c.	0	0	1	0	0	0
29	Manufacture of motor vehicles, trailers and semi-trailers	0	0	0	1	1	0
30	Manufacture of other transport equipment	0	0	1	0	0	0
31	Manufacture of furniture	3	4	5	5	5	1
32	Other manufacturing	0	0	1	2	1	0
33	Repair and installation of machinery and equipment	0	0	0	0	0	0
<b>C</b>	<b>Manufacturing</b>	<b>32</b>	<b>41</b>	<b>47</b>	<b>41</b>	<b>77</b>	<b>32</b>
35	Electricity, gas, steam and air conditioning supply	0	0	1	1	0	0
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>
36	Water collection, treatment and supply	1	1	0	1	0	1
38	Waste collection, treatment and disposal activities; materials recovery	0	0	0	0	0	0
<b>E</b>	<b>Water collection, treatment and supply</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>
<b>Total</b>		<b>37</b>	<b>50</b>	<b>61</b>	<b>54</b>	<b>88</b>	<b>34</b>



**Table 61: Frequency Distribution of Establishment Environmental Management, Tanzania Mainland, ASIP-2015**

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
	5 Mining of coal and lignite	1	-	-	1	1	-
	7 Mining of metal ores	29	16	26	19	11	34
	8 Other mining and quarrying	229	108	261	76	86	251
	9 Mining support service activities	1	-	1	-	1	-
<b>B</b>	<b>Mining and Quarrying</b>	<b>260</b>	<b>124</b>	<b>288</b>	<b>96</b>	<b>99</b>	<b>285</b>
	10 Manufacture of food products	390	361	388	363	147	604
	11 Manufacture of beverages	51	20	42	29	34	37
	12 Manufacture of tobacco products	4	-	3	1	4	-
	13 Manufacture of textiles	28	22	28	22	18	32
	14 Manufacture of wearing apparel	5	8	7	6	3	10
	15 Manufacture of leather and related products	18	9	13	14	9	18
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	37	91	43	85	9	119
	17 Manufacture of paper and paper products	9	5	10	4	6	8
	18 Printing and reproduction of recorded media	32	26	42	16	19	39
	19 Manufacture of coke and refined petroleum products	3	1	3	1	3	1
	20 Manufacture of chemicals and chemical products	31	24	33	22	24	31
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	5	-	5	-	4	1
	22 Manufacture of rubber and plastics products	34	21	39	16	33	22
	23 Manufacture of other non-metallic mineral products	91	125	86	130	35	181
	24 Manufacture of basic metals	24	23	24	23	15	32
	25 Manufacture of fabricated metal products, except machinery and equipment	28	41	29	40	14	55
	26 Manufacture of computer, electronic and optical products	2	-	1	1	1	1
	27 Manufacture of electrical equipment	7	6	10	3	6	7
	28 Manufacture of machinery and equipment n.e.c.	9	6	6	9	2	13
	29 Manufacture of motor vehicles, trailers and semi-trailers	9	3	7	5	4	8
	30 Manufacture of other transport equipment	2	1	2	1	2	1
	31 Manufacture of furniture	66	132	99	99	20	178
	32 Other manufacturing	27	16	30	13	12	31
	33 Repair and installation of machinery and equipment	4	7	4	7	2	9
<b>C</b>	<b>Manufacturing</b>	<b>916</b>	<b>948</b>	<b>954</b>	<b>910</b>	<b>426</b>	<b>1,438</b>
	35 Electricity, gas, steam and air conditioning supply	16	15	12	19	12	19
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>16</b>	<b>15</b>	<b>12</b>	<b>19</b>	<b>12</b>	<b>19</b>
	36 Water collection, treatment and supply	73	34	32	75	23	84
	38 Waste collection, treatment and disposal activities; materials recovery	3	-	2	1	1	2
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>76</b>	<b>34</b>	<b>34</b>	<b>76</b>	<b>24</b>	<b>86</b>
<b>Total</b>		<b>1,268</b>	<b>1,121</b>	<b>1,288</b>	<b>1,101</b>	<b>561</b>	<b>1,828</b>

**Table 62: Frequency Distribution of Establishments Investment Plan, Tanzania Mainland, ASIP-2015**

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
	5 Mining of coal and lignite	1	-	-	-	1
	7 Mining of metal ores	26	19	19	22	14
	8 Other mining and quarrying	252	85	223	206	183
	9 Mining support service activities	1	-	1	-	-
<b>B</b>	<b>Mining and quarrying</b>	<b>280</b>	<b>104</b>	<b>243</b>	<b>228</b>	<b>198</b>
	10 Manufacture of food products	422	329	302	325	247
	11 Manufacture of beverages	54	17	36	44	28
	12 Manufacture of tobacco products	2	2	1	1	1
	13 Manufacture of textiles	25	25	20	16	12
	14 Manufacture of wearing apparel	6	7	1	4	3
	15 Manufacture of leather and related products	15	12	9	12	10
	16 Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	44	84	32	31	24
	17 Manufacture of paper and paper products	8	6	6	8	5
	18 Printing and reproduction of recorded media	37	21	29	32	22
	19 Manufacture of coke and refined petroleum products	4	-	4	3	3
	20 Manufacture of chemicals and chemical products	39	16	26	30	19
	21 Manufacture of basic pharmaceutical products and pharmaceutical preparations	3	2	2	3	2
	22 Manufacture of rubber and plastics products	32	23	18	26	14
	23 Manufacture of other non-metallic mineral products	111	105	74	88	51
	24 Manufacture of basic metals	27	20	11	16	15
	25 Manufacture of fabricated metal products, except machinery and equipment	38	31	21	29	20
	26 Manufacture of computer, electronic and optical products	1	1	1	1	1
	27 Manufacture of electrical equipment	9	4	7	9	4
	28 Manufacture of machinery and equipment n.e.c.	9	6	8	6	5
	29 Manufacture of motor vehicles, trailers and semi-trailers	9	3	8	7	7
	30 Manufacture of other transport equipment	2	1	2	2	1
	31 Manufacture of furniture	90	108	69	74	50
	32 Other manufacturing	23	20	21	20	17
	33 Repair and installation of machinery and equipment	5	6	3	3	3
<b>C</b>	<b>Manufacturing</b>	<b>1,015</b>	<b>849</b>	<b>711</b>	<b>790</b>	<b>564</b>
	35 Electricity, gas, steam and air conditioning supply	20	11	11	18	10
<b>D</b>	<b>Electricity, gas, steam and air conditioning supply</b>	<b>20</b>	<b>11</b>	<b>11</b>	<b>18</b>	<b>10</b>
	36 Water collection, treatment and supply	75	32	50	65	43
	38 Waste collection, treatment and disposal activities; materials recovery	3	-	-	3	1
<b>E</b>	<b>Water supply; sewerage, waste management and remediation activities</b>	<b>78</b>	<b>32</b>	<b>50</b>	<b>68</b>	<b>44</b>
<b>Total</b>		<b>1,393</b>	<b>996</b>	<b>1,015</b>	<b>1,104</b>	<b>816</b>

**Table 63(a): Frequency Distribution of Establishments Information Technology Infrastructure and Related Services, Tanzania Mainland, ASIP-2015**

Infrastructure	Does your establishment use the following		Description	What type of Internet Connectivity does your business use?	
	Yes	No		Yes	No
Computer	1,088	1,301	Fixed Line	435	1,956
Telephone System	865	1,524	Wireless (Wimax)	502	1,889
Mobile Phones	2,196	193	Satellite (VSAT)	177	2,214
Website	538	1,851	Mobile Modem	878	1,511
Local Area Network	541	1,848	Fibre Connection	186	2,205
Intranet	329	2,060	Other	257	2,134
Extranet	195	2,194			
Internet	900	1,489			
Software Management System	645	1,744			
<b>Total</b>	<b>7,297</b>	<b>14,204</b>		<b>2,435</b>	<b>11,899</b>

**Table 63(b): Frequency Distribution of Establishments Information Technology Infrastructure and Related Services, Tanzania Mainland, ASIP-2015**

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		Yes	No
Employment	923	612	Place orders for goods and services	754	1,635
Production	1,149	497	Receiving orders for goods and services	787	1,602
Sales	1,237	455	Purchase goods and services	662	1,727
Communication	1,468	424	Selling goods and services	516	1,873
Record management	1,083	588	Pay taxes	716	1,673
Transaction time	991	619	Statutory deduction	467	1,922
Business costs	837	666	Salaries	517	1,872
Keeping pace with competition	768	684			
Others	291	1,168			
<b>Total</b>	<b>8,747</b>	<b>5,713</b>		<b>4,419</b>	<b>12,304</b>

**Table 64: Frequency Distribution of Major Challenges Facing the Establishments, Tanzania Mainland, ASIP-2015**

<b>Challenges</b>	<b>Number</b>	<b>Percent</b>
High cost of production	1,828	14.7
Inadequate technology	929	7.5
Inadequate physical infrastructure	953	7.7
Complicated administrative procedures	453	3.6
Shortage of qualified labour	567	4.6
Foreign currency fluctuations	599	4.8
Insufficient production capacity	539	4.3
Shortage of raw materials	985	7.9
Taxes	603	4.8
Impositions	231	1.9
Insufficient demand	682	5.5
Unfair competition	740	6.0
Infant Private Sector with weak support	425	3.4
Environmental challenges	687	5.5
HIV/AIDS pandemic	150	1.2
Uncertain economic environment	526	4.2
Inadequate financial services	741	6.0
Availability of industrial locations	399	3.2
Other	399	3.2
<b>Total</b>	<b>12,436</b>	<b>100.0</b>

**Table 65(a): Average Utilization of Production Capacity by Products, Tanzania Mainland, ASIP-2015**

CPC Code	Product Description	Average Capacity Utilization (Percent)
1	Products of agriculture, horticulture and market gardening	62.5
2	Live animals and animal products	49.7
3	Forestry and logging products	55.2
4	Fish and other fishing products	58.0
11	Coal and lignite; peat	23.5
12	Crude petroleum and natural gas	68.5
14	Metal ores	64.8
15	Stone, sand and clay	65.2
16	Other minerals	74.7
17	Electricity, town gas, steam and hot water	76.0
18	Water	66.8
21	Meat, fish, fruit, vegetables, oils and fats	61.3
22	Dairy products	60.7
23	Grain mill products, starches and starch products; other food products	60.6
24	Beverages	63.1
25	Tobacco products	70.0
26	Yarn and thread; woven and tufted textile fabrics	50.2
27	Textile articles other than apparel	60.8
28	Knitted or crocheted fabrics; wearing apparel	62.7
29	Leather and leather products; footwear	65.7
31	Products of wood, cork, straw and plaiting materials	52.8
32	Pulp, paper and paper products; printed matter and related articles	66.2
33	Coke oven products; refined petroleum products; nuclear fuel	54.8
34	Basic chemicals	71.6
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.	65.8
38	Furniture; other transportable goods n.e.c.	58.9
39	Wastes or scraps	64.7
41	Basic metals	62.0
42	Fabricated metal products, except machinery and equipment	63.3
43	General-purpose machinery	64.2
44	Special-purpose machinery	62.9
45	Office, accounting and computing machinery	67.6
46	Electrical machinery and apparatus	60.8
47	Radio, television and communication equipment and apparatus	83.0
48	Medical appliances, precision and optical instruments, watches and clocks	67.7
49	Transport equipment	58.1
99	Services provided by extraterritorial organizations and bodies	66.7

**Table 65(b): Average Utilization of Production Capacity by Products, Tanzania Mainland, ASIP-2015**

Reasons	If establishments are experiencing capacity under-utilization, what might be the reasons among the following			
	High	Moderate	Low	Not Applicable
Insufficient domestic demand	388	269	264	558
Shortage of domestic inputs	338	273	268	600
Shortage of imported inputs	116	178	217	968
Old (Obsolete) plant/machinery and equipment	296	246	248	689
Plant maintenance problems due to lack of spare parts	233	291	270	685
Plant maintenance problems due to shortage of skilled labour	197	251	269	762
High cost of credits	343	232	215	689
Inadequate access to financial services	387	252	203	637
Insufficient/reliable power supply	540	356	198	385
Insufficient water supply	192	210	251	826
Loss of products due to strikes/ stoppages etc	92	130	193	1,064
Price competition from imports	162	144	218	955
Uncompetitiveness of export due to high cost of materials	189	172	202	916
UnCompetitiveness of export due to high cost of fuel	147	190	191	951
Uncompetitiveness of export due to high cost of electricity	165	183	203	928
Uncompetitiveness of export due to high cost of labour	118	195	214	952
Uncompetitiveness of export due to poor quality of products	130	189	209	951
Quality competition from imports	168	194	216	901
Lack of access to regional markets	184	202	236	857
Lack of access to international markets	177	223	237	842
Poor transport facilities/high transport cost	219	231	237	792
Inability to grant credits to customers	167	169	230	913
Counterfeits	100	119	181	1,079
Others	97	43	29	1,310

**Table 66: Number of Establishments and Average Percentage by Major Countries of Export, Tanzania Mainland, ASIP-2015**

Country Name	Number
Belgium	1
Brazil	5
Burundi	12
China	26
Comoros	1
Congo	12
Democratic Republic of the Congo	10
Denmark	2
France	6
Germany	11
Gibraltar	1
Hong Kong Special Administrative Region of China	1
India	20
Italy	4
Japan	1
Kenya	33
Malawi	4
Mozambique	1
Oman	2
Netherlands	8
Rwanda	18
South Africa	1
Sudan	7
Switzerland	6
United Arab Emirates	5
Uganda	18
Ukraine	2
United Kingdom	13
United States	12
Yemen	7
Zambia	20
Total	270



## ***Vision***

*To become a one stop centre for official statistics in Tanzania*

## ***Mission***

*To produce quality official statistics and service that meet needs of national and international stakeholders for evidence-based planning and decision making.*





